

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009008.D
 Acq On : 17 Apr 2019 12:41
 Operator : JC/SP
 Sample : VX0417WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 10:16:01 AM

Quant Time: Apr 18 01:55:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162277	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	5.49	113	117473	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.71	98	484972	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	11.13	95	171645	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52306	21.194	ug/l	99
3) Chloromethane	1.32	50	66594	21.979	ug/l	99
4) Vinyl Chloride	1.41	62	61791	20.953	ug/l	98
5) Bromomethane	1.64	94	34132	20.909	ug/l	98
6) Chloroethane	1.72	64	36900	21.279	ug/l	94
7) Trichlorofluoromethane	1.93	101	68971	20.032	ug/l	98
8) Diethyl Ether	2.19	74	31800	20.195	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43829	19.910	ug/l	98
10) Methyl Iodide	2.51	142	46840	22.157	ug/l	98
11) Tert butyl alcohol	3.04	59	72979	108.878	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44757	19.478	ug/l	99
13) Acrolein	2.29	56	47420	81.878	ug/l	98
14) Allyl chloride	2.73	41	104802	20.906	ug/l	100
15) Acrylonitrile	3.14	53	176432	103.692	ug/l	99
16) Acetone	2.44	43	157683	100.696	ug/l	98
17) Carbon Disulfide	2.57	76	130491	20.094	ug/l	99
18) Methyl Acetate	2.77	43	79207	20.267	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	168632	20.597	ug/l	99
20) Methylene Chloride	2.85	84	53477	19.970	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48548	19.809	ug/l	98
22) Diisopropyl ether	3.85	45	205216	21.067	ug/l	99
23) Vinyl Acetate	3.81	43	915950	106.967	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101172	20.690	ug/l	99
25) 2-Butanone	4.67	43	263562	105.297	ug/l	98
26) 2,2-Dichloropropane	4.58	77	68740	18.754	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	55739	20.031	ug/l	100
28) Bromochloromethane	5.01	49	42136	19.571	ug/l	99
29) Tetrahydrofuran	5.13	42	175889	104.988	ug/l	99
30) Chloroform	5.21	83	89655	20.489	ug/l	99
31) Cyclohexane	5.58	56	98248	20.428	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	74655	20.585	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69970	19.179	ug/l	100
37) Ethyl Acetate	4.84	43	98352	20.951	ug/l	99
38) Carbon Tetrachloride	5.78	117	60882	19.685	ug/l	99

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Instrument :
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Manual Integrations
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MMDadoda
 4/18/2019 10:16:01 AM

Quant Time: Apr 18 01:55:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85322	19.209	ug/l	99
40) Benzene	6.14	78	215992	20.069	ug/l	100
41) Methacrylonitrile	5.04	41	56682	21.038	ug/l	98
42) 1,2-Dichloroethane	6.19	62	76413	20.043	ug/l	100
43) Isopropyl Acetate	6.45	43	155023	20.492	ug/l	99
44) Trichloroethene	7.21	130	51034	19.353	ug/l	99
45) 1,2-Dichloropropane	7.51	63	60653	20.314	ug/l	100
46) Dibromomethane	7.66	93	34512	19.861	ug/l	99
47) Bromodichloromethane	7.90	83	68303	20.041	ug/l	100
48) Methyl methacrylate	7.77	41	76988	20.596	ug/l	99
49) 1,4-Dioxane	7.74	88	30135	430.723	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	515449	106.949	ug/l	99
52) Toluene	8.78	92	131277	20.352	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77411	19.736	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	86825	19.769	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51687	20.219	ug/l	97
56) Ethyl methacrylate	9.18	69	95864	20.913	ug/l	99
57) 1,3-Dichloropropane	9.37	76	92543	20.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	261697	106.018	ug/l	99
59) 2-Hexanone	9.49	43	398562	107.262	ug/l	99
60) Dibromochloromethane	9.58	129	50020	20.416	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52921	20.058	ug/l	98
64) Tetrachloroethene	9.34	164	46729	19.684	ug/l	99
65) Chlorobenzene	10.13	112	133285	20.208	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	47237	20.329	ug/l	98
67) Ethyl Benzene	10.25	91	243755	20.216	ug/l	100
68) m/p-Xylenes	10.36	106	178271	40.683	ug/l	100
69) o-Xylene	10.69	106	86009	20.172	ug/l	98
70) Styrene	10.71	104	149437	20.225	ug/l	99
71) Bromoform	10.85	173	35810	19.345	ug/l #	97
73) Isopropylbenzene	11.02	105	230973	20.904	ug/l	100
74) N-amyl acetate	10.90	43	136219	21.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85916	21.281	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74972m	21.063	ug/l	
77) Bromobenzene	11.26	156	56633	20.314	ug/l	98
78) n-propylbenzene	11.36	91	264356	20.845	ug/l	100
79) 2-Chlorotoluene	11.42	91	158677	20.763	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	193755	20.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27132	19.569	ug/l	93
82) 4-Chlorotoluene	11.51	91	180919	20.384	ug/l	100
83) tert-Butylbenzene	11.77	119	184214	20.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	195944	20.761	ug/l	99
85) sec-Butylbenzene	11.94	105	220077	20.728	ug/l	99
86) p-Isopropyltoluene	12.06	119	199872	20.476	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	97503	19.983	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	97360	19.684	ug/l	99
89) n-Butylbenzene	12.38	91	180511	19.857	ug/l	100
90) Hexachloroethane	12.60	117	32928	20.450	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	97957	20.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18737	20.384	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

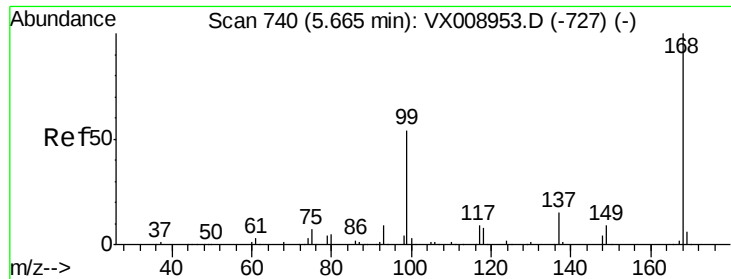
Manual Integrations
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4/18/2019 10:16:01 AM

Quant Time: Apr 18 01:55:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68703	19.753	ug/l	98
94) Hexachlorobutadiene	13.78	225	34863	20.098	ug/l	99
95) Naphthalene	13.83	128	222368	19.956	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67525	19.677	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

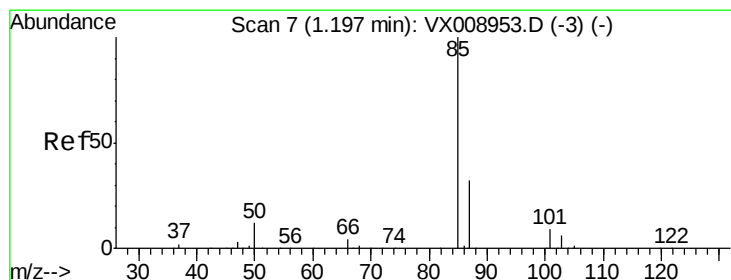
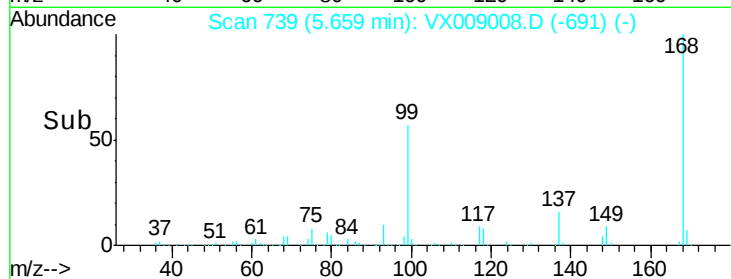
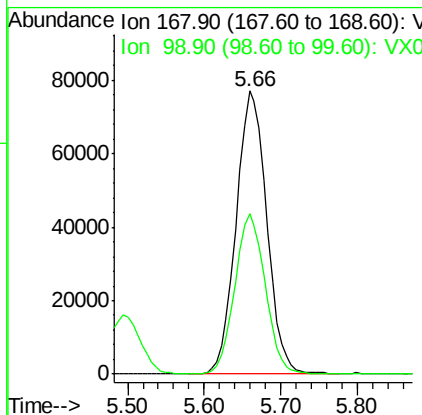
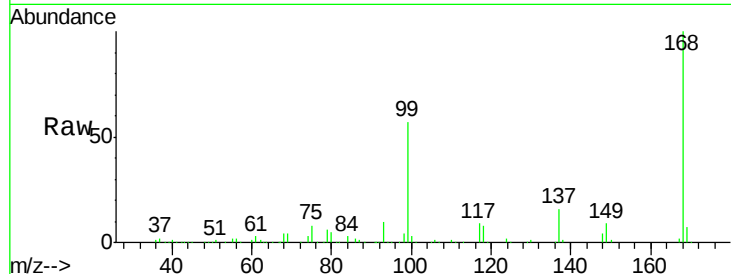
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion	168	Resp	214269
Ion Ratio	100	Lower	Upper
99	56.5	43.0	64.6

Manual Integrations
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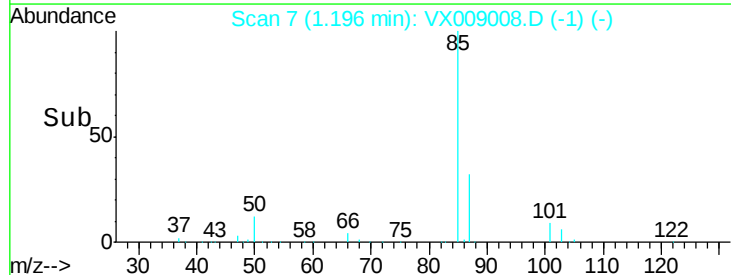
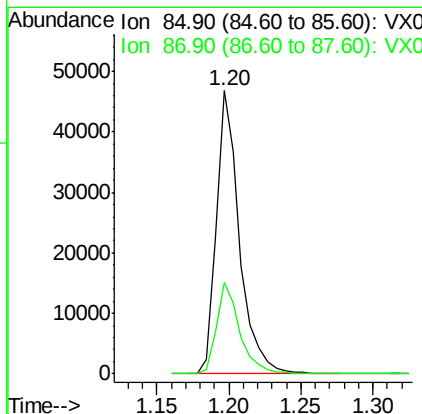
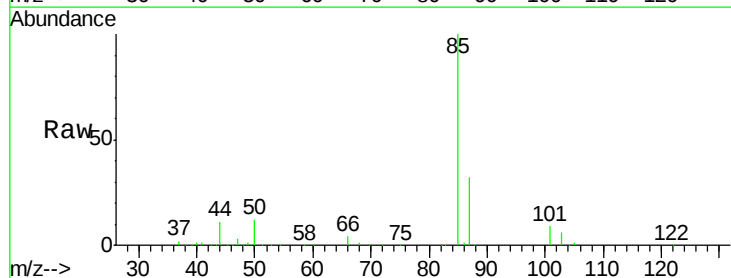
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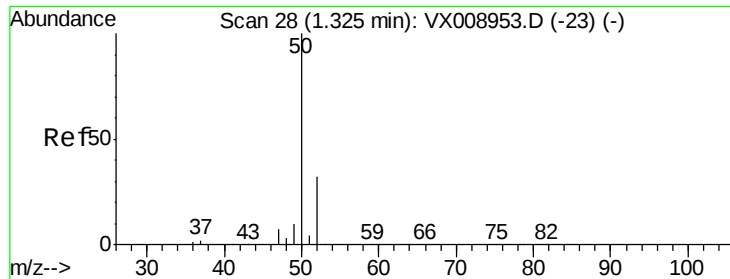


#2

Dichlorodifluoromethane
 Concen: 21.194 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	85	Resp	52306
Ion Ratio	100	Lower	Upper
87	32.5	16.0	47.9





#3

Chloromethane

Concen: 21.979 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 50 Resp: 66594

Ion Ratio Lower Upper

50 100

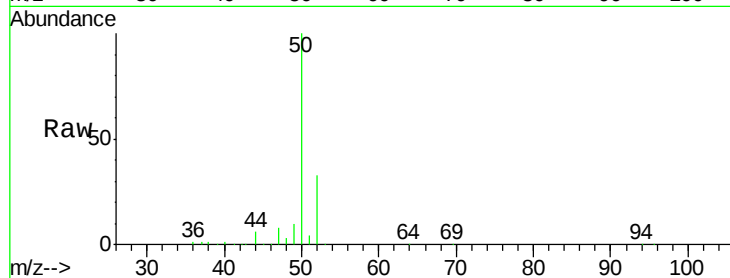
52 32.5 25.5 38.3

Manual Integrations

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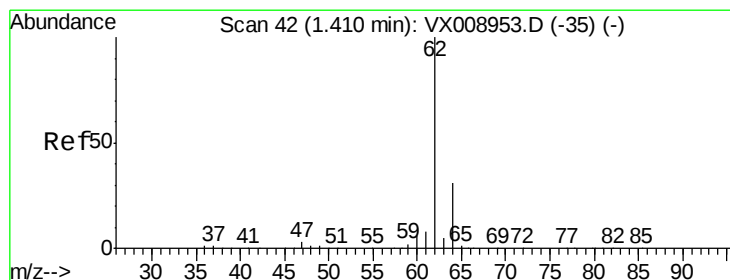
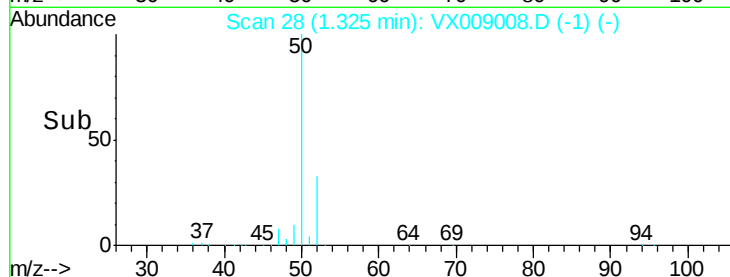
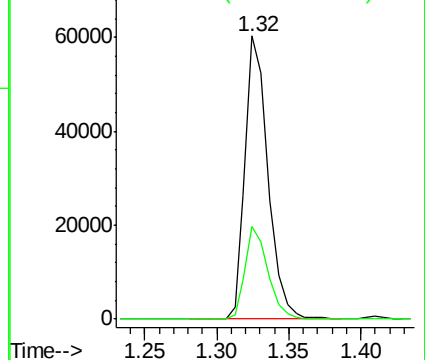
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.953 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009008.D

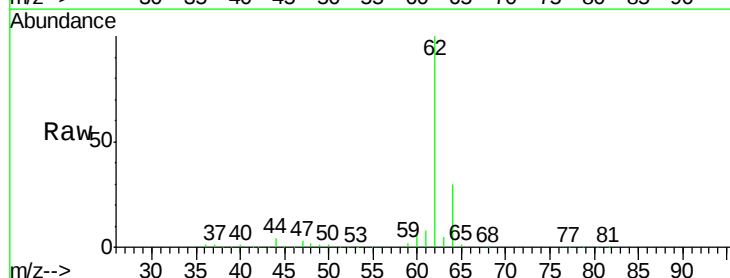
Acq: 17 Apr 2019 12:41

Tgt Ion: 62 Resp: 61791

Ion Ratio Lower Upper

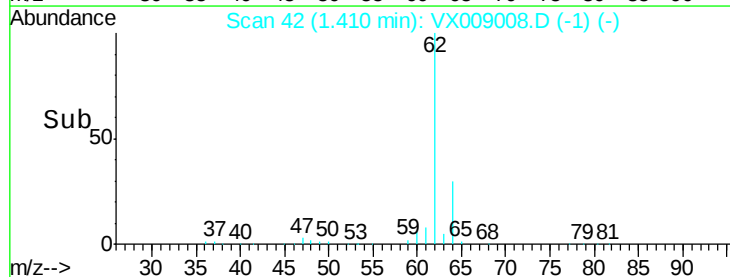
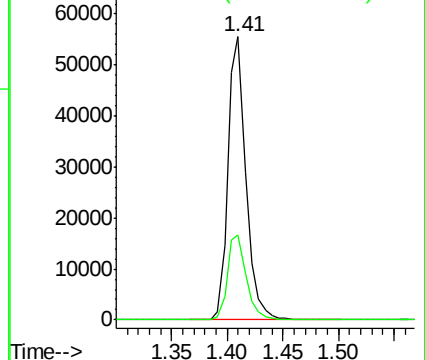
62 100

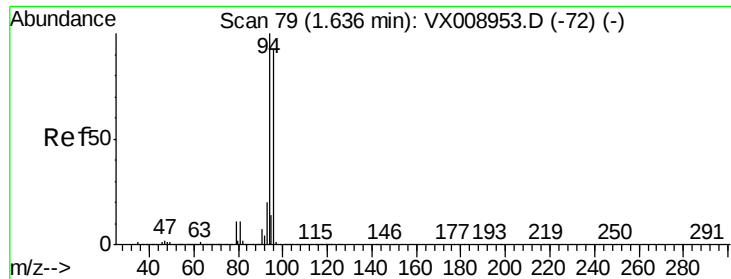
64 29.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.909 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 94 Resp: 34132

Ion Ratio Lower Upper

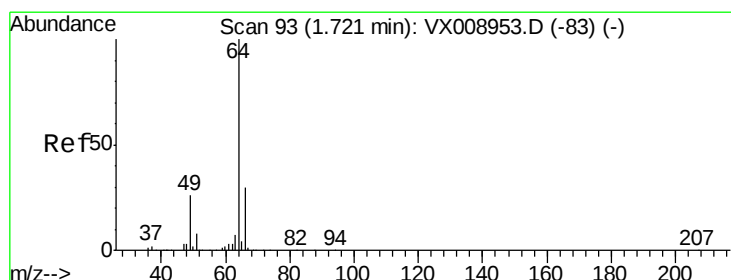
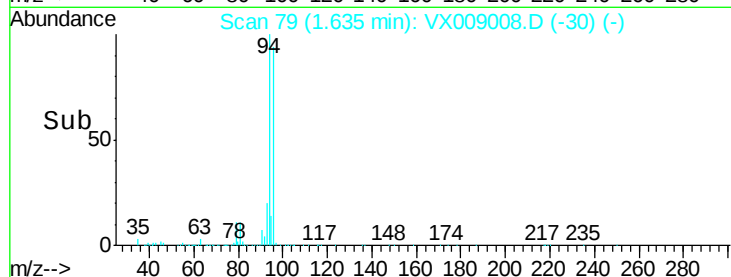
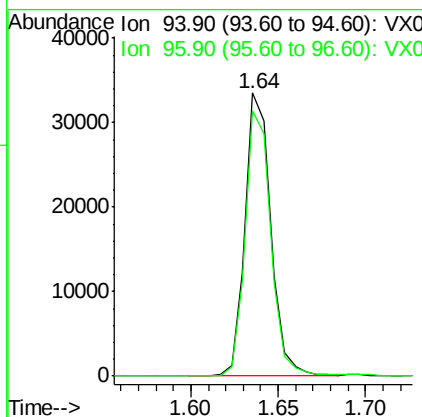
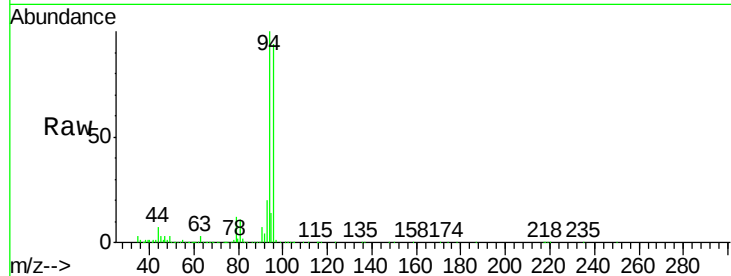
94 100

96 93.9 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 21.279 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009008.D

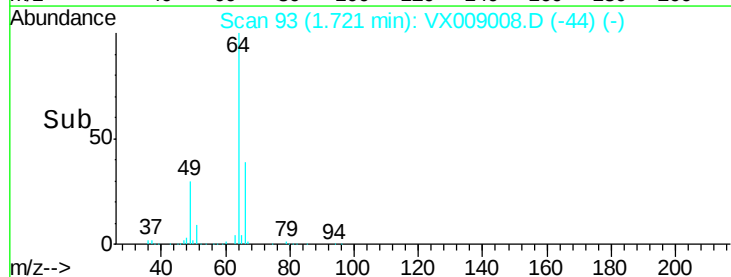
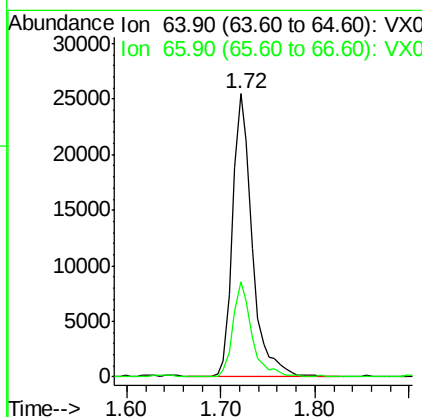
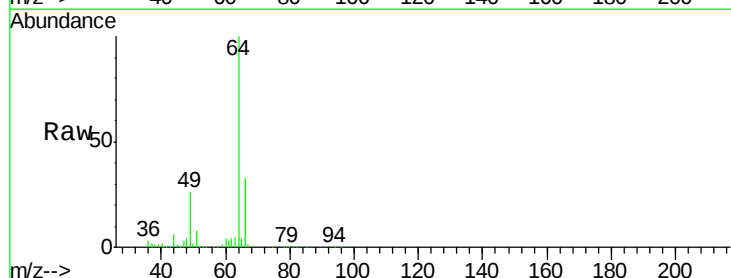
Acq: 17 Apr 2019 12:41

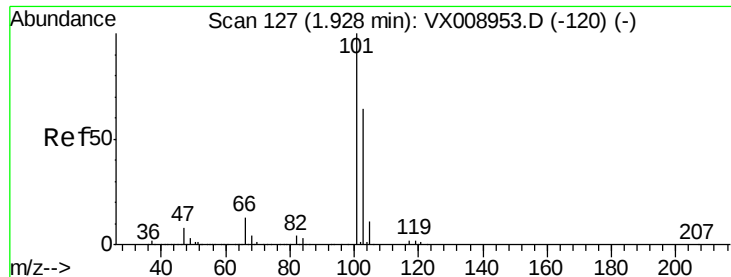
Tgt Ion: 64 Resp: 36900

Ion Ratio Lower Upper

64 100

66 33.5 24.2 36.2





#7

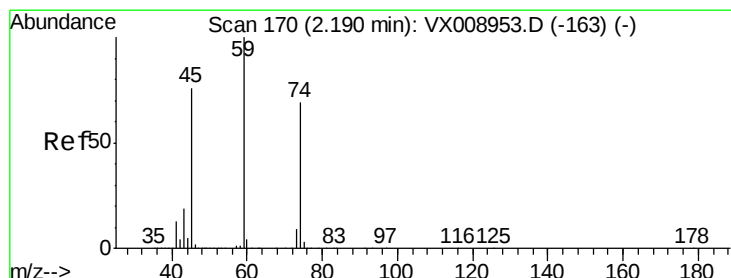
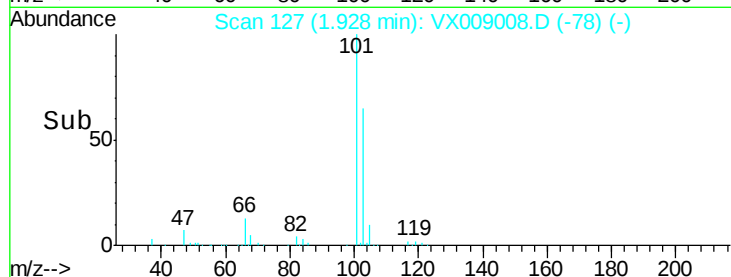
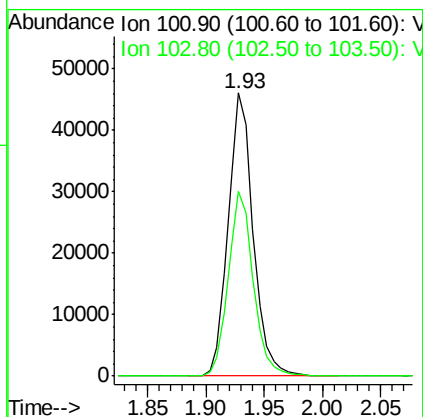
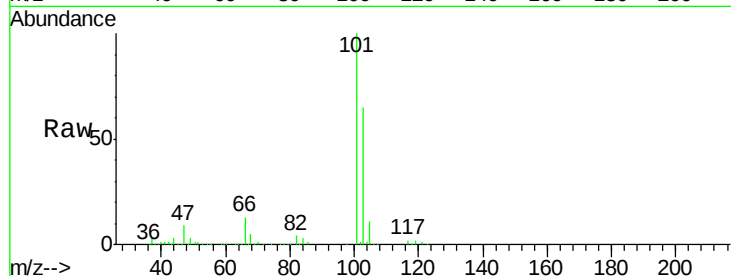
Trichlorofluoromethane
Concen: 20.032 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.6

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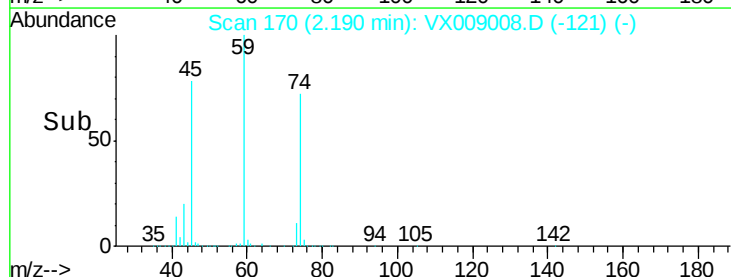
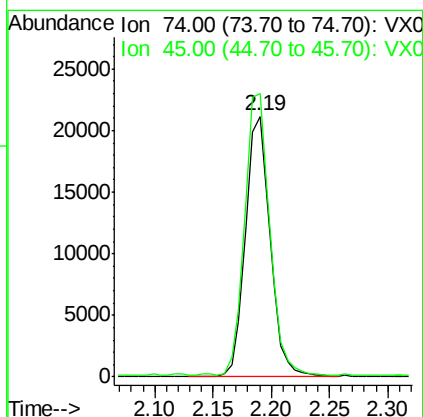
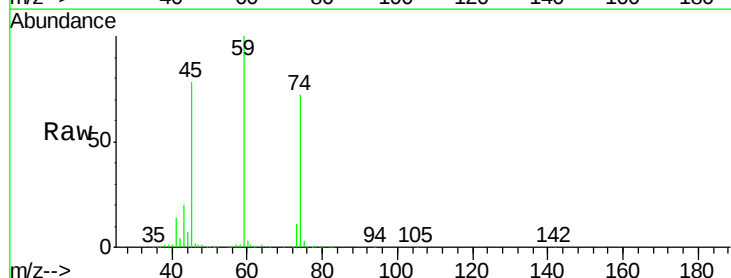
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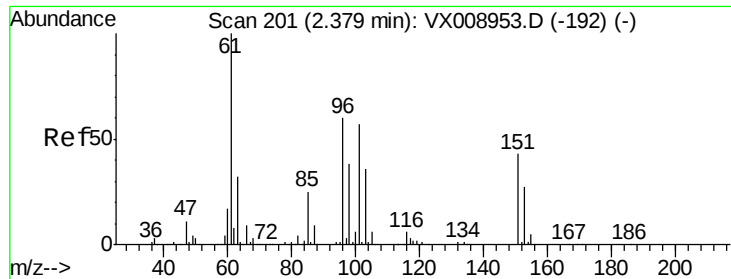


#8

Diethyl Ether
Concen: 20.195 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.910 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion:101 Resp: 43829

Ion Ratio Lower Upper

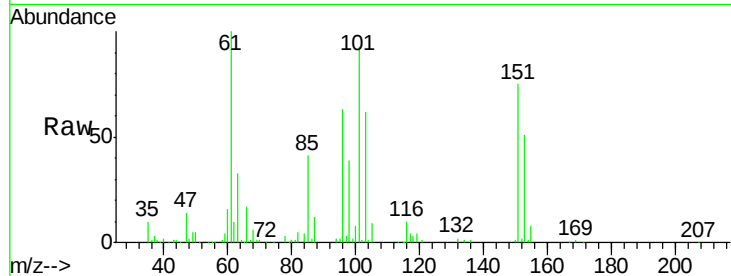
101 100

85 44.3 35.7 53.5

151 76.2 62.7 94.1

Manual Integrations
APPROVED

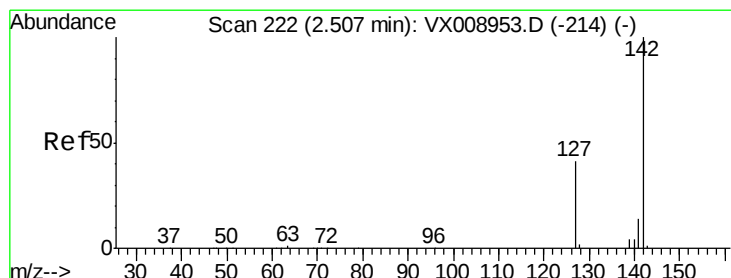
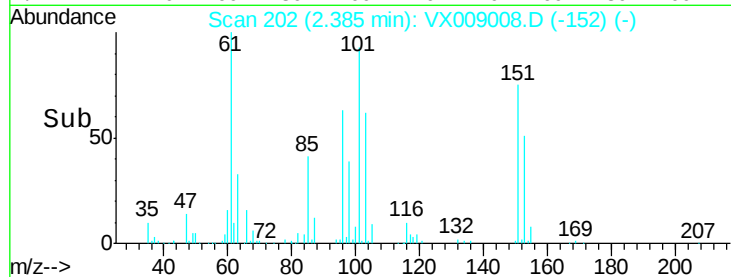
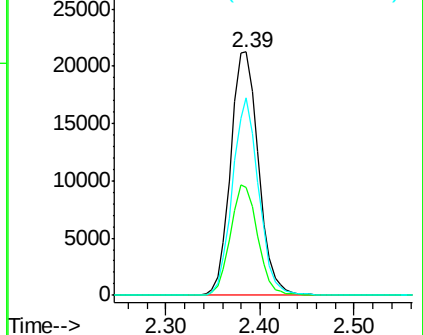
MMDadoda
4/18/2019 10:16:01 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.157 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

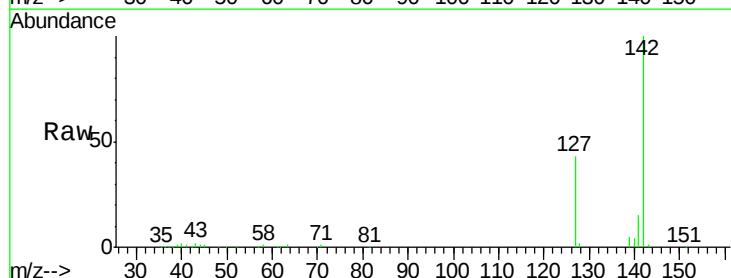
Tgt Ion:142 Resp: 46840

Ion Ratio Lower Upper

142 100

127 42.0 32.8 49.2

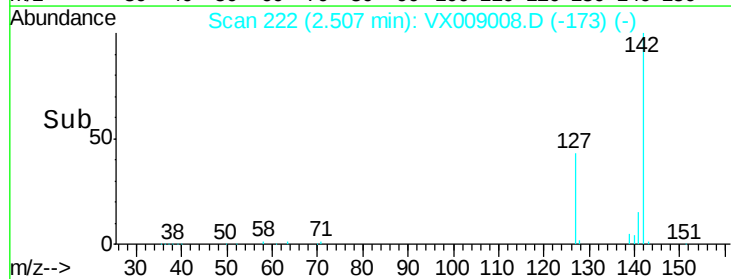
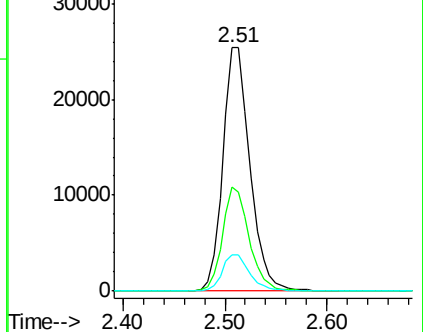
141 15.2 11.4 17.2

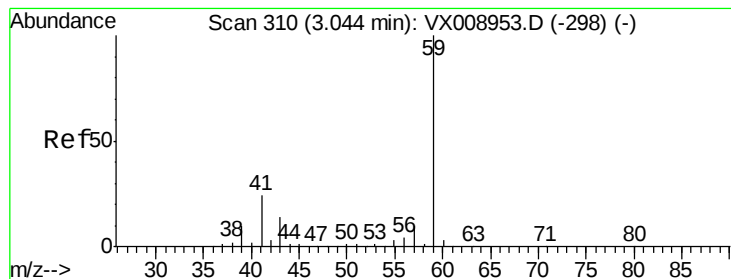


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

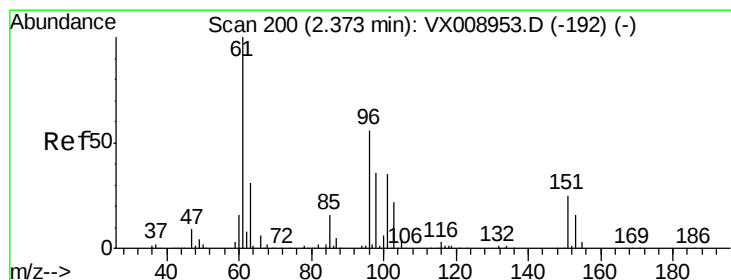
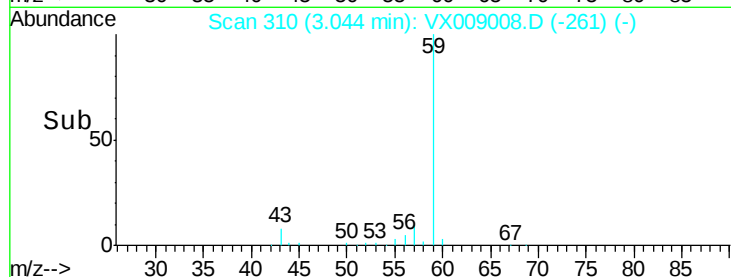
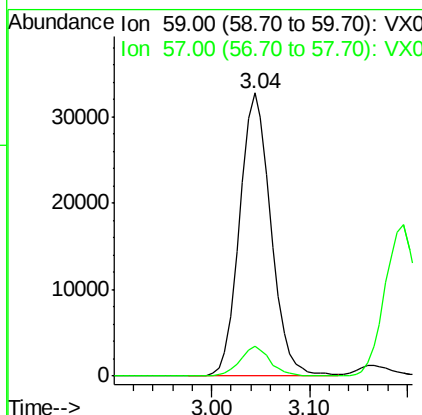
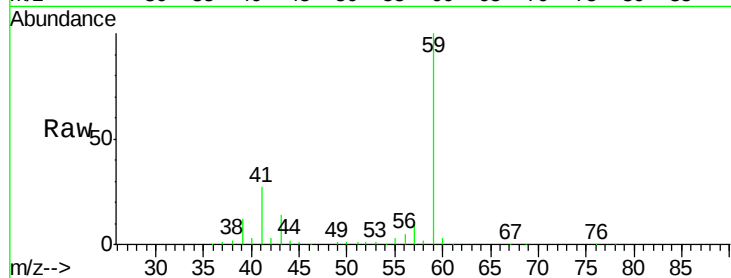
Tert butyl alcohol
 Concen: 108.878 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

Manual Integrations
 APPROVED

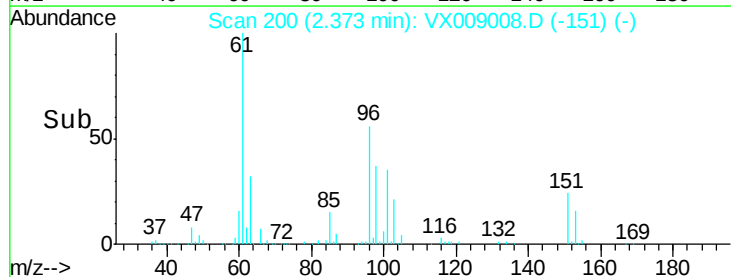
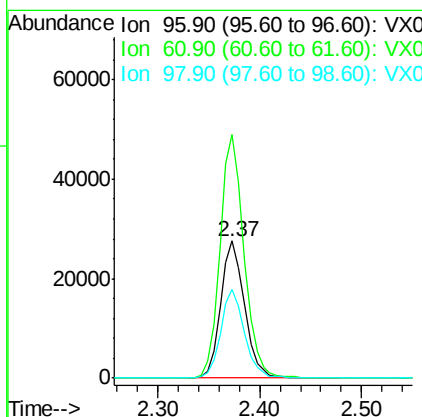
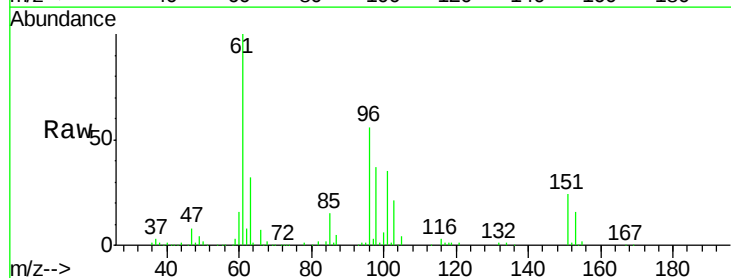
MMDadoda
 4/18/2019 10:16:01 AM

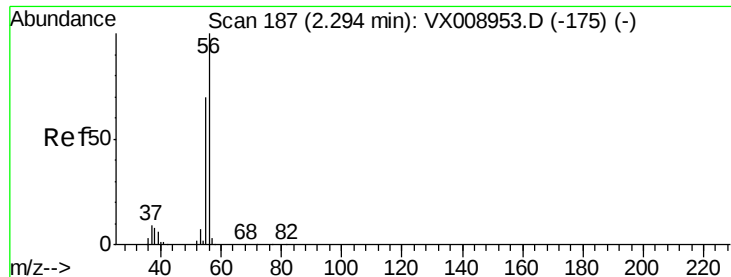


#12

1,1-Dichloroethene
 Concen: 19.478 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.8	142.2	213.2
98	65.2	50.9	76.3





#13

Acrolein

Concen: 81.878 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 56 Resp: 47420

Ion Ratio Lower Upper

56 100

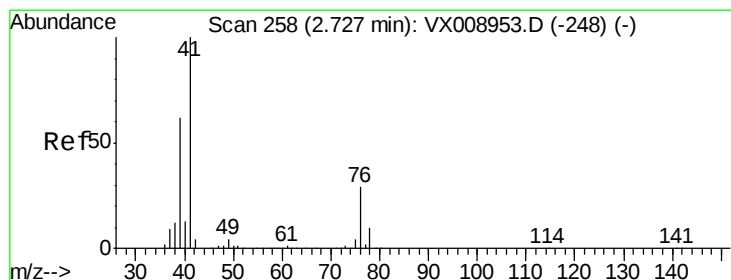
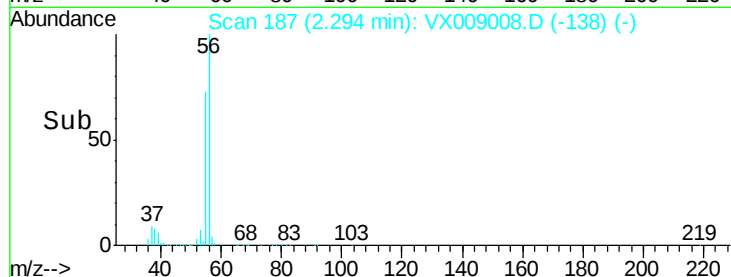
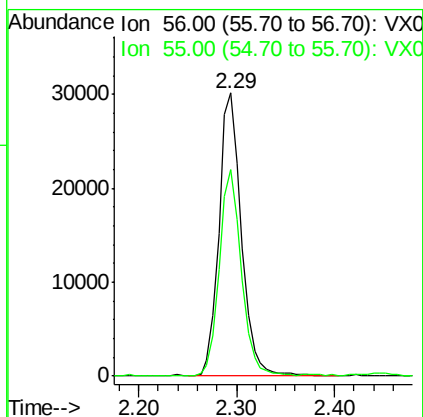
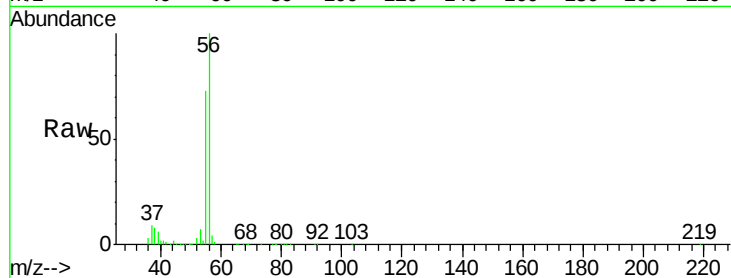
55 72.7 56.6 84.8

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 20.906 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

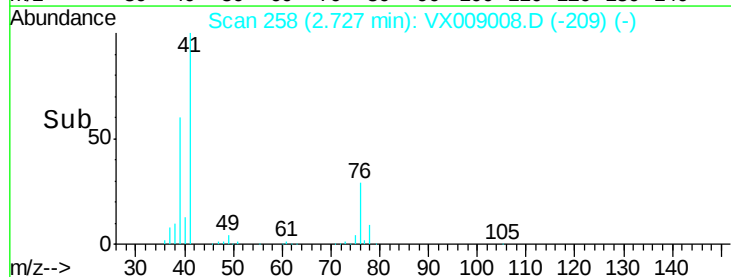
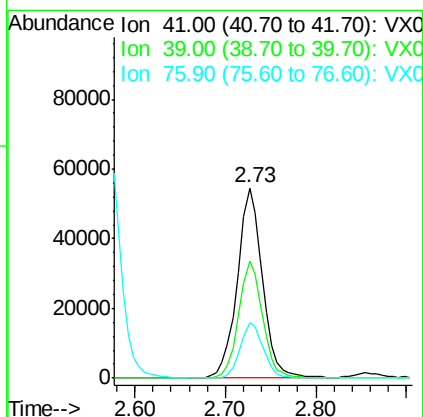
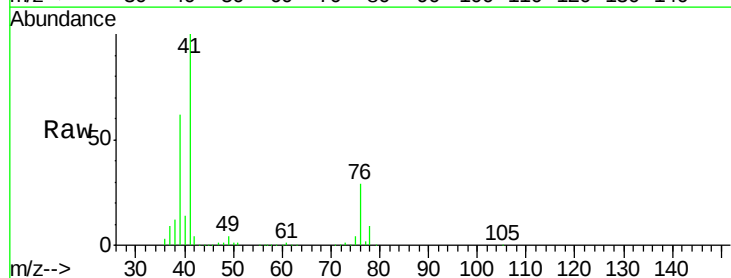
Tgt Ion: 41 Resp: 104802

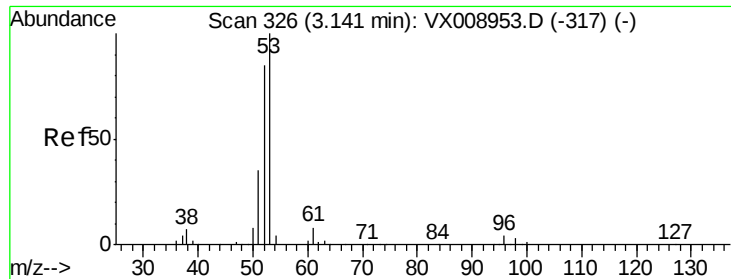
Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

76 26.9 22.0 33.0





#15

Acrylonitrile

Concen: 103.692 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

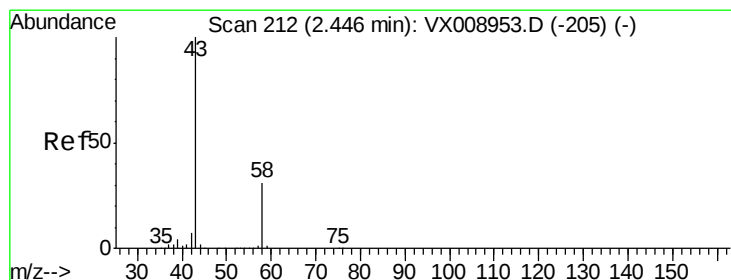
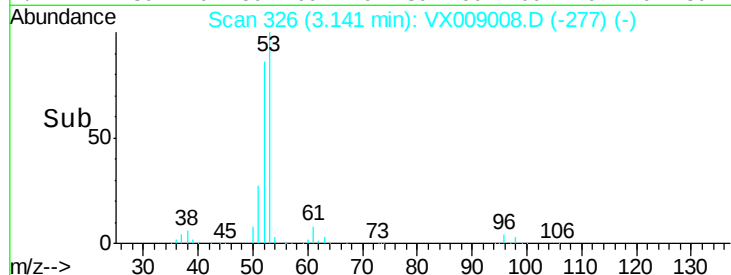
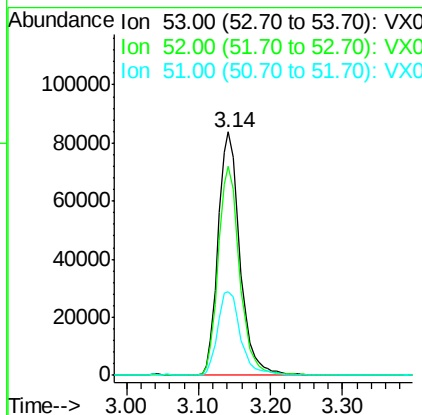
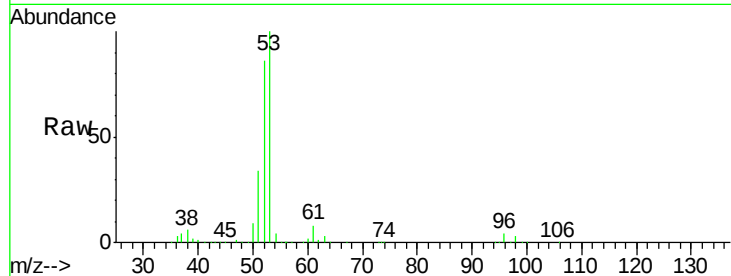
ClientSampleId :

VX0417WBS01

Tot Ion:	53	Resp:	176432
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.6	100.0
51	35.8	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 100.696 ug/l

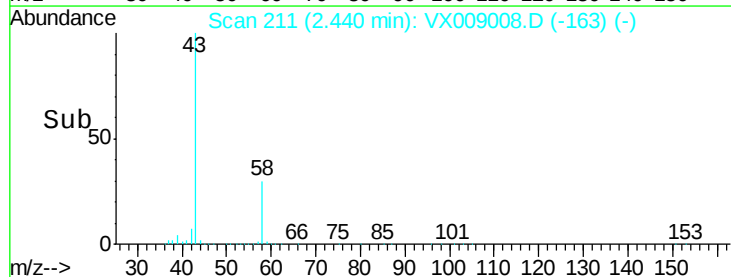
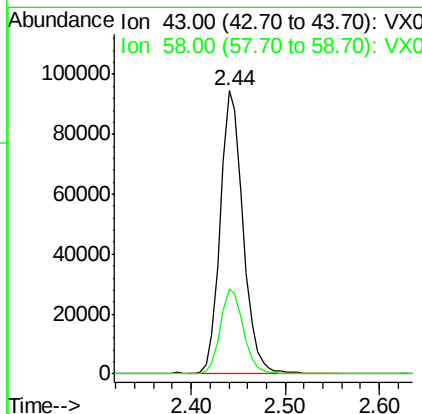
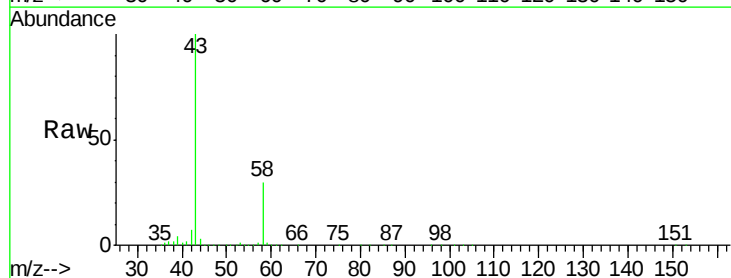
RT: 2.44 min Scan# 211

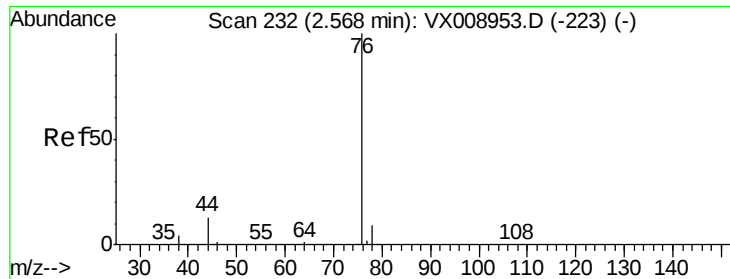
Delta R.T. -0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion:	43	Resp:	157683
Ion Ratio		Lower	Upper
43	100		
58	29.8	24.8	37.2





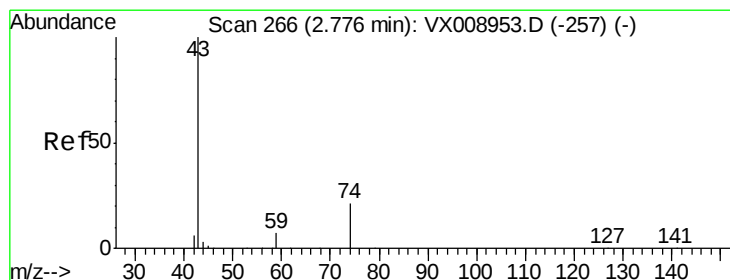
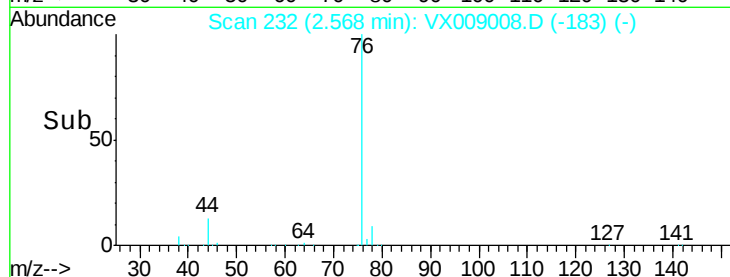
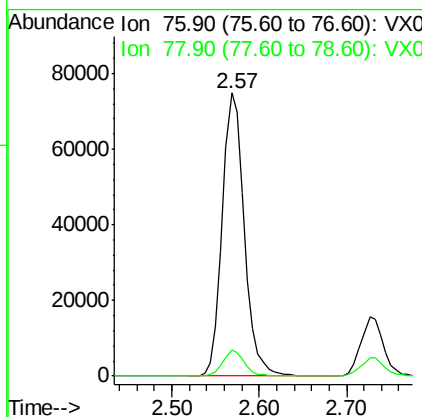
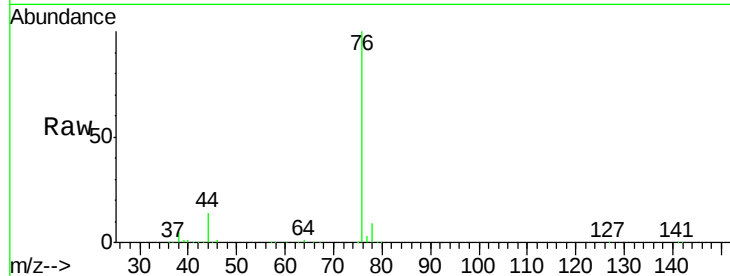
#17
Carbon Disulfide
Concen: 20.094 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

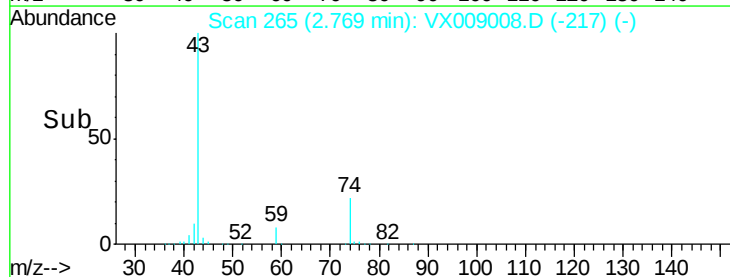
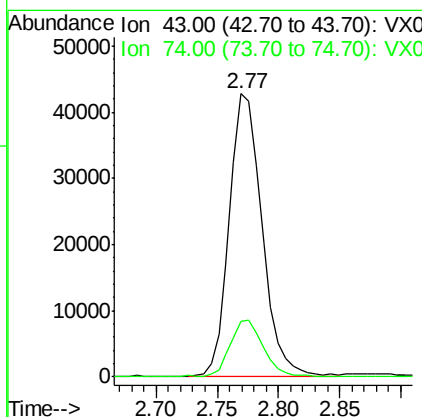
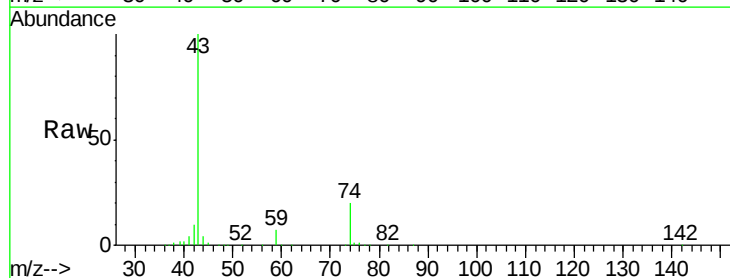
Manual Integrations
APPROVED

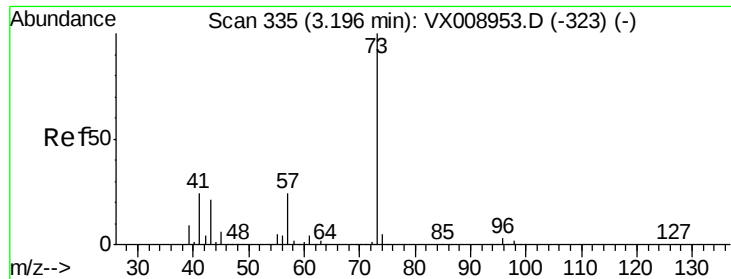
MMDadoda
4/18/2019 10:16:01 AM



#18
Methyl Acetate
Concen: 20.267 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.6	25.0





#19

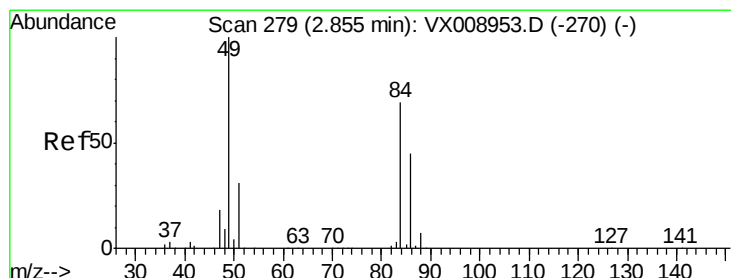
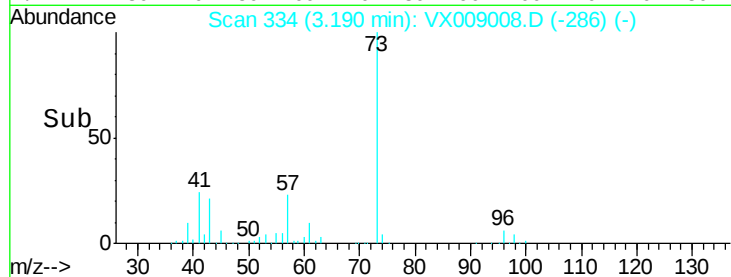
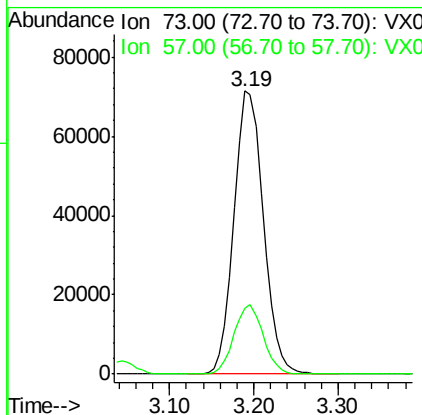
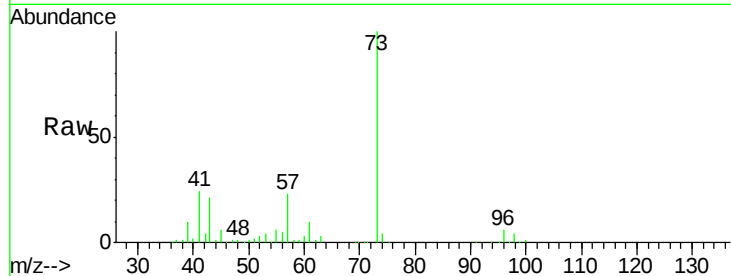
Methyl tert-butyl Ether
 Concen: 20.597 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	19.2	28.8

Manual Integrations
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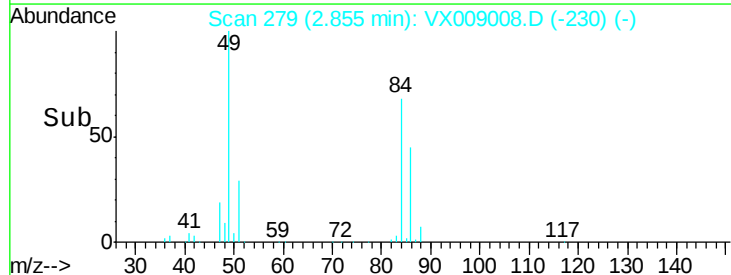
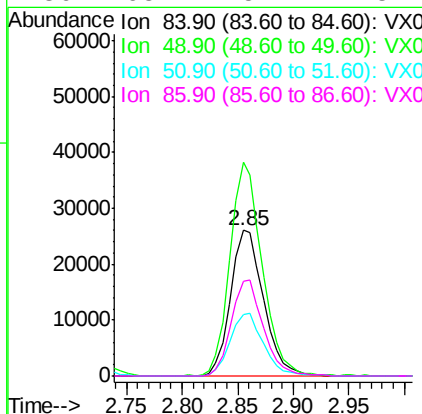
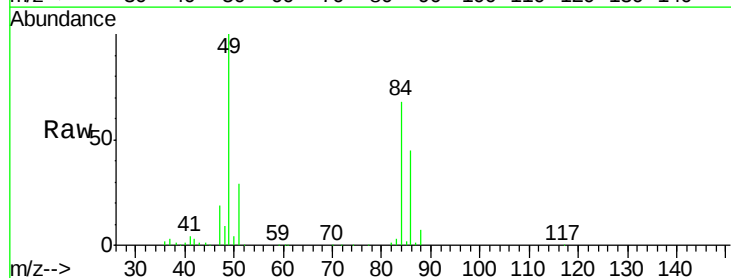
MMDadoda
 4/18/2019 10:16:01 AM

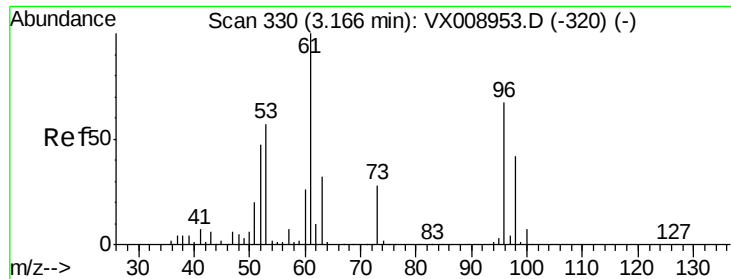


#20

Methylene Chloride
 Concen: 19.970 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	146.5	115.4	173.0
51	42.6	35.8	53.6
86	65.4	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 19.809 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 96 Resp: 48548

Ion Ratio Lower Upper

96 100

61 149.6 120.3 180.5

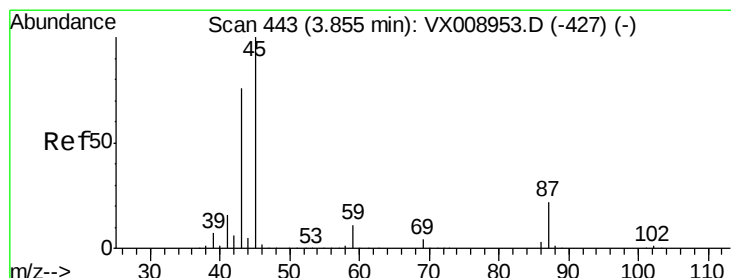
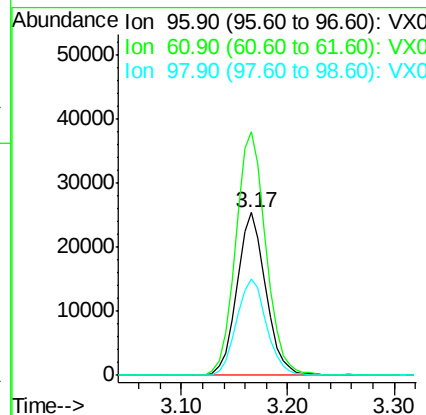
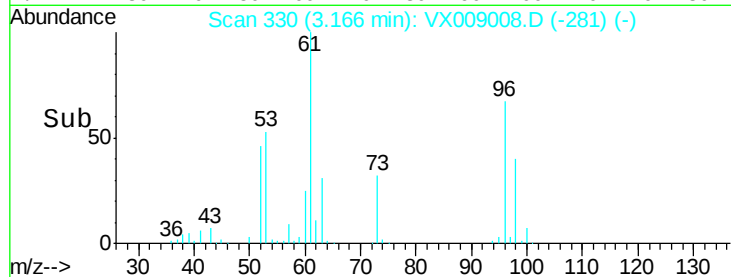
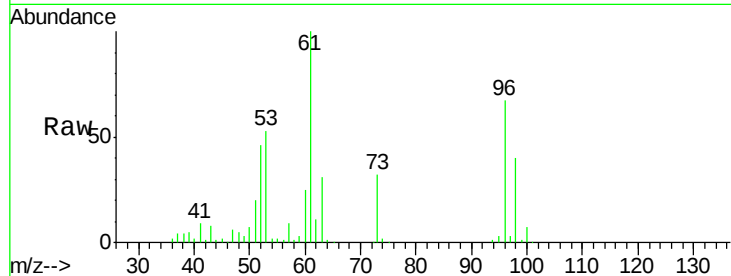
98 59.6 50.2 75.2

Manual Integrations

APPROVED

MMDadoda

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#22

Diisopropyl ether

Concen: 21.067 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion: 45 Resp: 205216

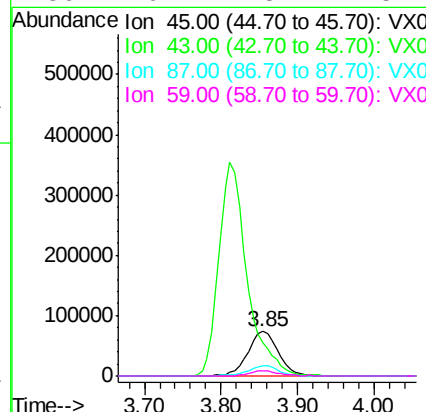
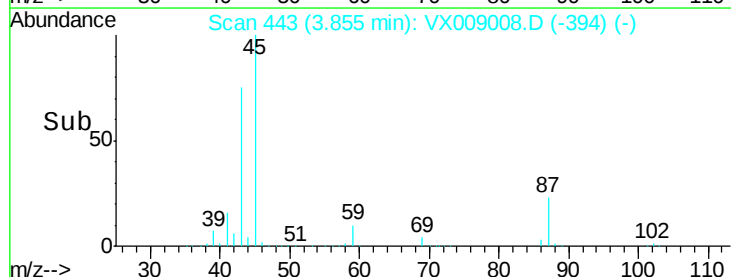
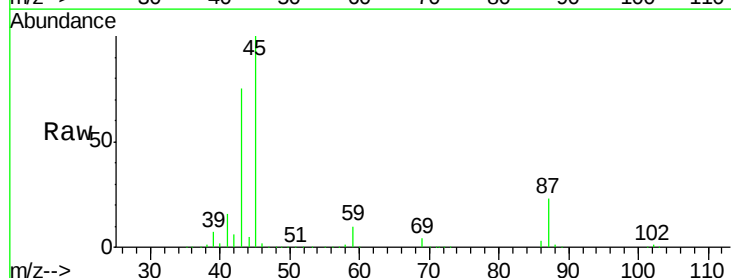
Ion Ratio Lower Upper

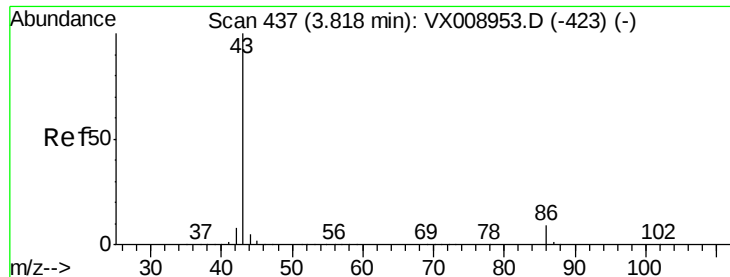
45 100

43 74.8 60.6 91.0

87 22.9 17.8 26.8

59 10.1 8.7 13.1





#23

Vinyl Acetate

Concen: 106.967 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 43 Resp: 915950

Ion Ratio Lower Upper

43 100

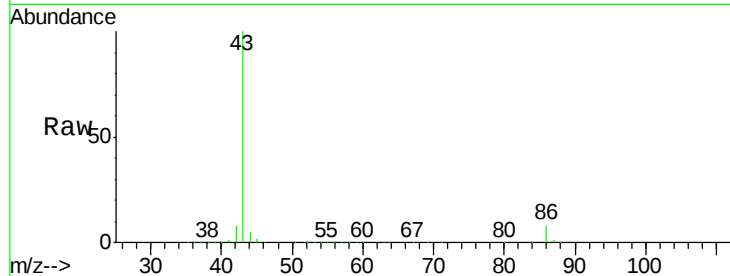
86 8.5 7.1 10.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

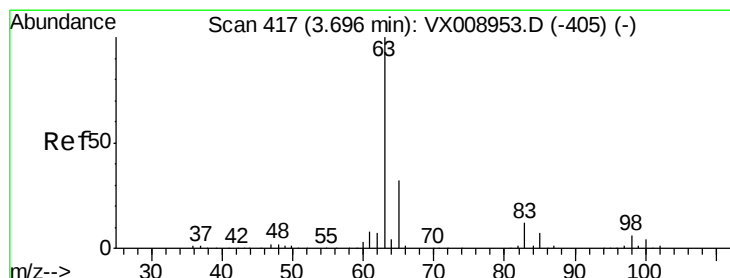
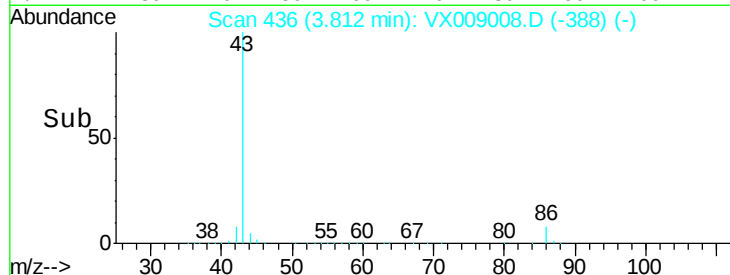
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.690 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

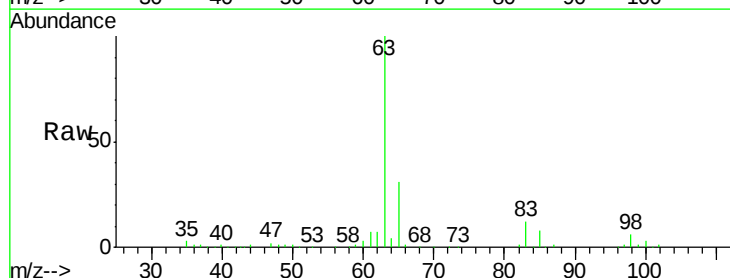
Tgt Ion: 63 Resp: 101172

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

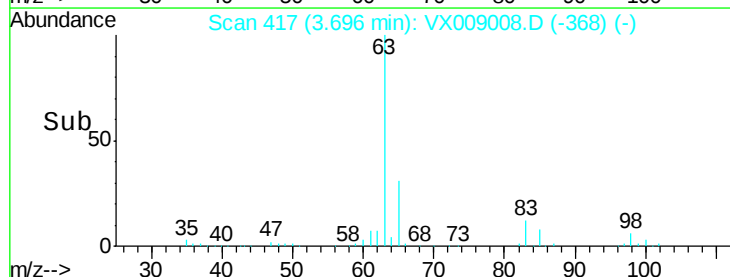
30000

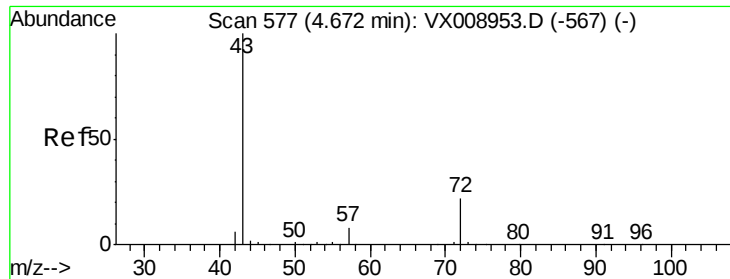
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.297 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tot Ion: 43 Resp: 263562

Ion Ratio Lower Upper

43 100

72 22.8 17.5 26.3

Instrument :

MSVOA_X

ClientSampled :

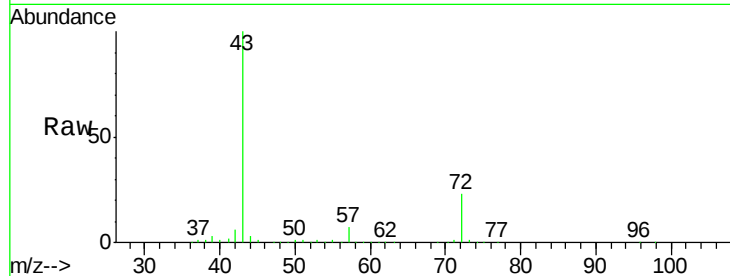
VX0417WBS01

Manual Integrations

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MMDadoda

4/18/2019 10:16:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

0

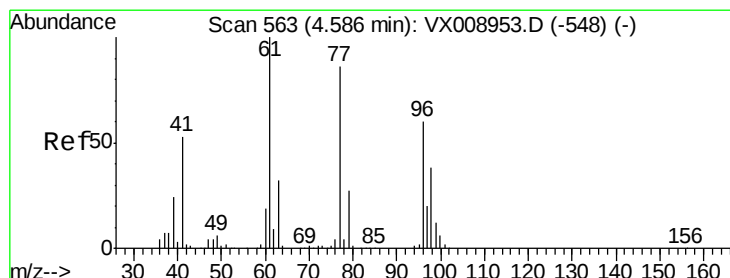
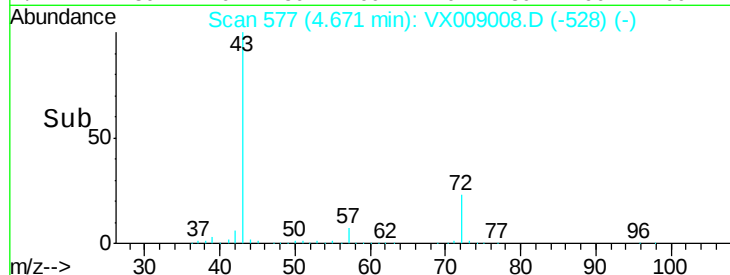
4.60

4.67

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.754 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009008.D

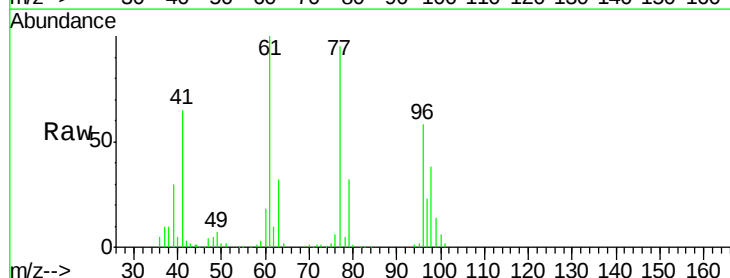
Acq: 17 Apr 2019 12:41

Tgt Ion: 77 Resp: 68740

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

5000

0

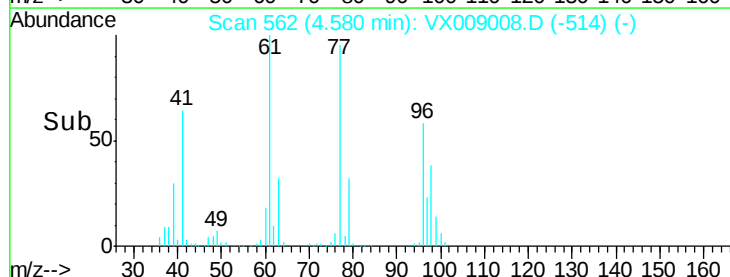
4.50

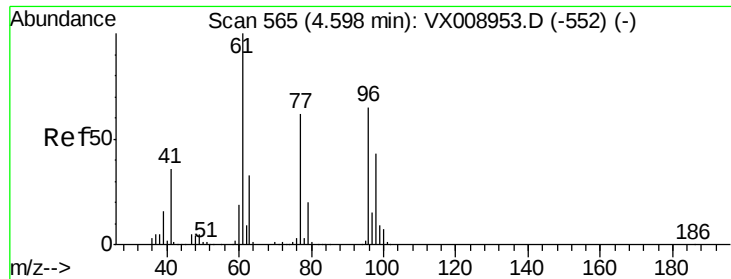
4.58

4.60

4.70

Time-->





#27

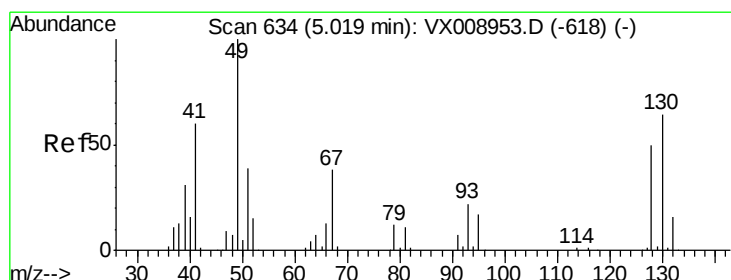
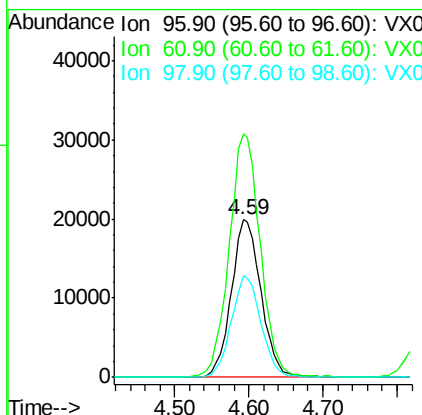
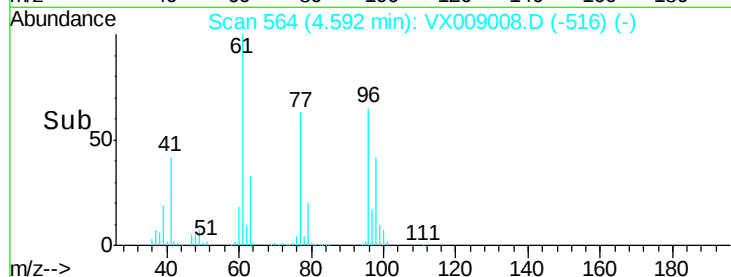
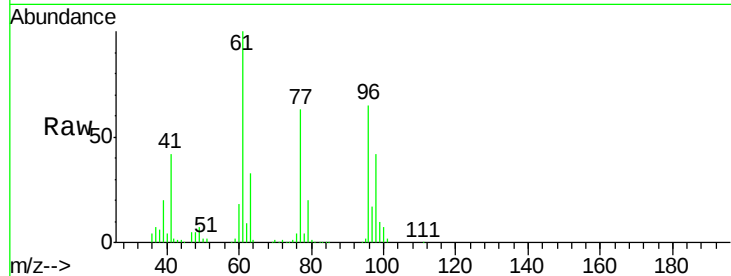
cis-1,2-Dichloroethene
Concen: 20.031 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	55739		
61	161.4	0.0	322.0	
98	64.3	0.0	128.4	

Manual Integrations
APPROVED

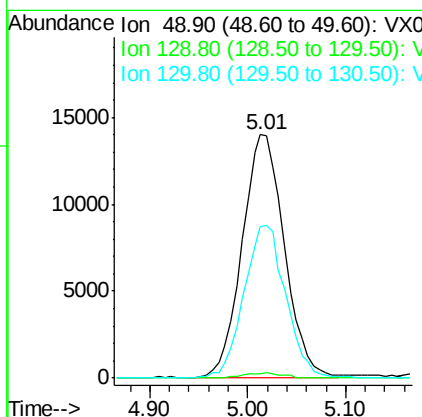
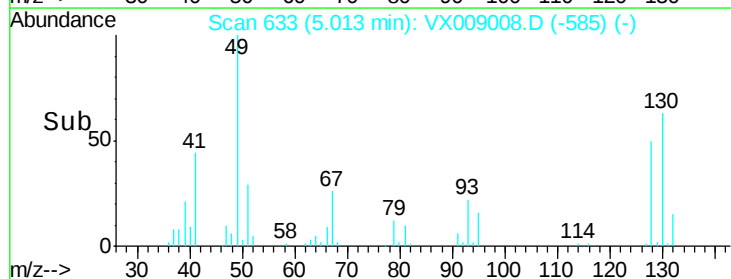
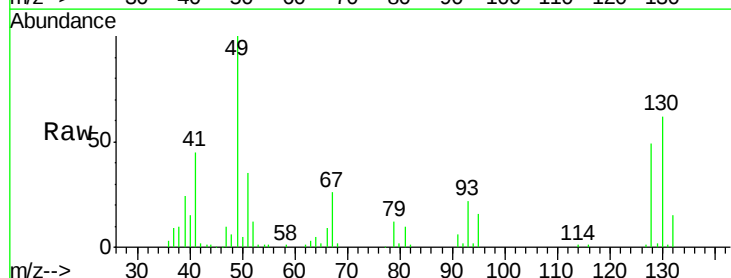
MMDadoda
4/18/2019 10:16:01 AM

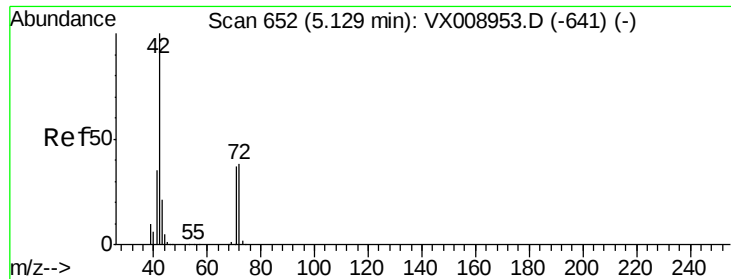


#28

Bromochloromethane
Concen: 19.571 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42136		
129	1.9	0.0	3.6	
130	61.9	50.4	75.6	





#29

Tetrahydrofuran

Concen: 104.988 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

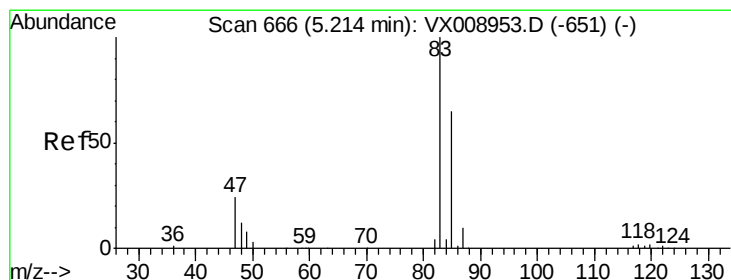
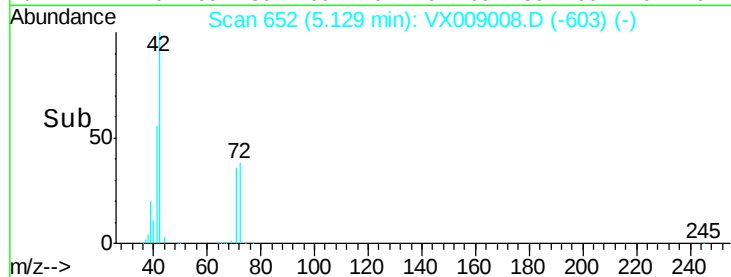
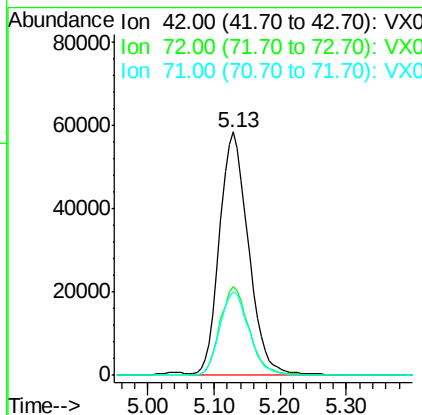
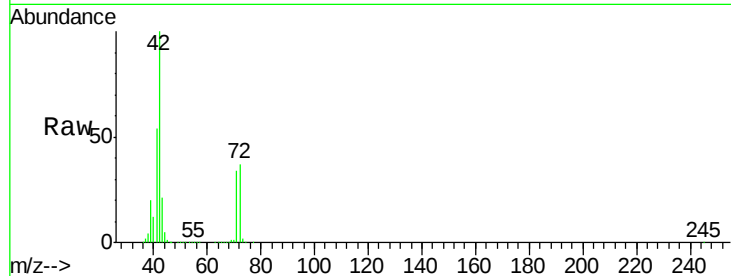
ClientSampleId :

VX0417WBS01

Tot Ion:	42	Resp:	175889
Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.6	45.8
71	35.2	28.8	43.2

Manual Integrations
APPROVED

MMDadoda
4/18/2019 10:16:01 AM



#30

Chloroform

Concen: 20.489 ug/l

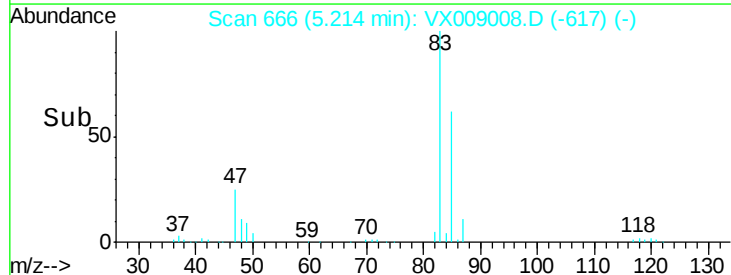
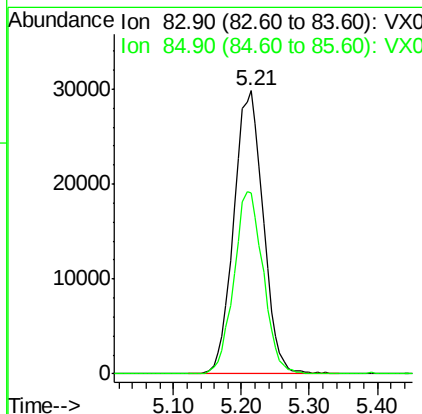
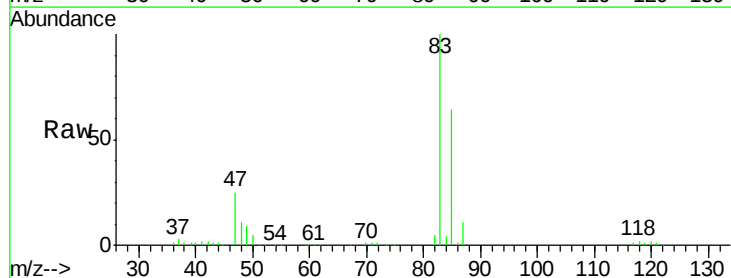
RT: 5.21 min Scan# 666

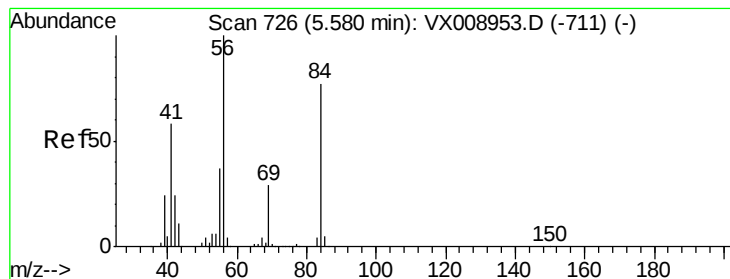
Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion:	83	Resp:	89655
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.9	77.9





#31

Cyclohexane

Concen: 20.428 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

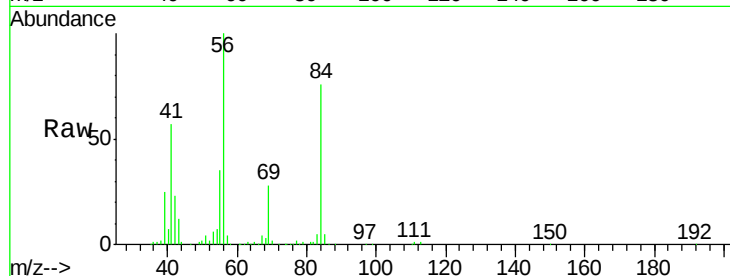
ClientSampleId :

VX0417WBS01

Tot Ion:	56	Resp:	98248
Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.3	34.9
84	75.1	61.7	92.5

Manual Integrations
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4/18/2019 10:16:01 AM

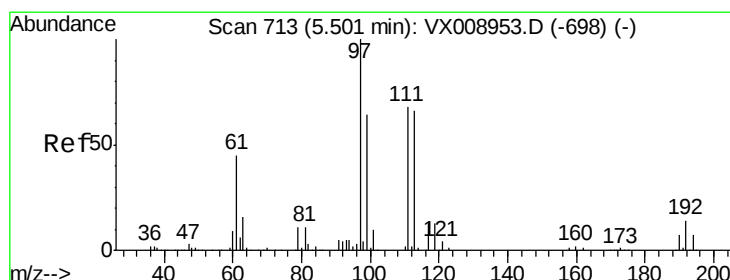
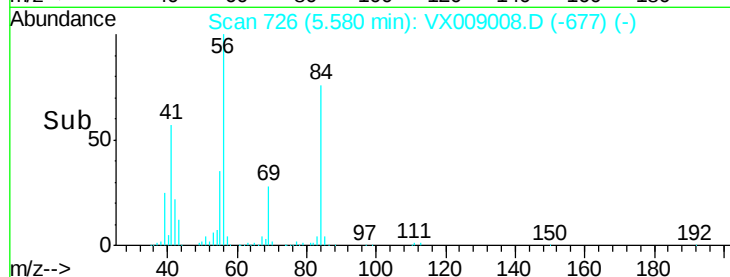
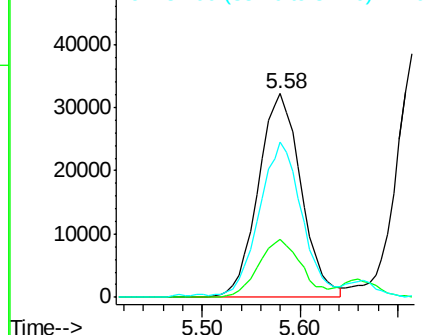


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.585 ug/l

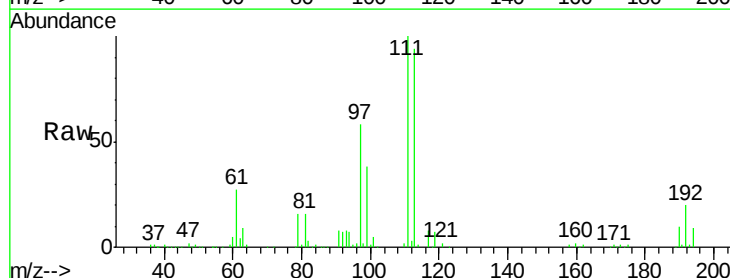
RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion:	97	Resp:	74655
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	48.1	37.9	56.9

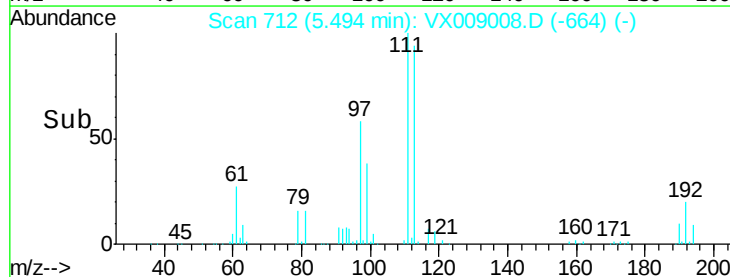
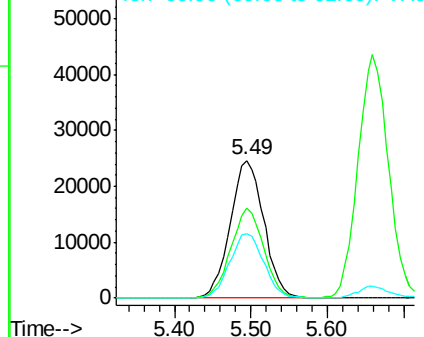


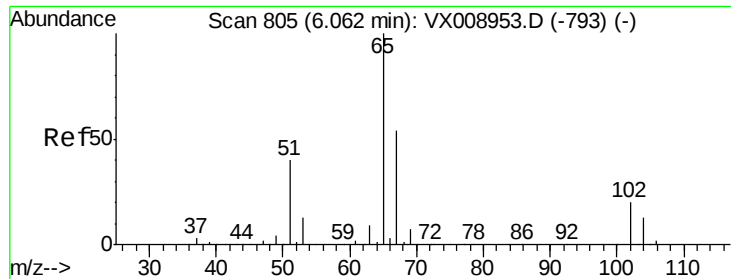
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





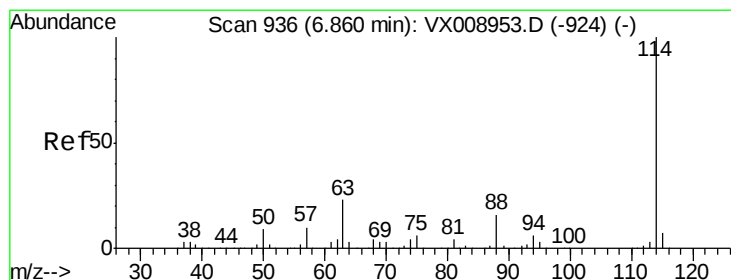
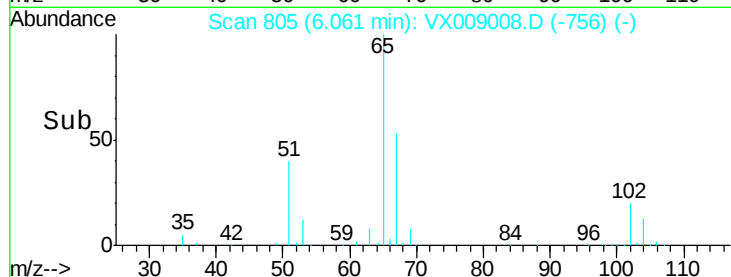
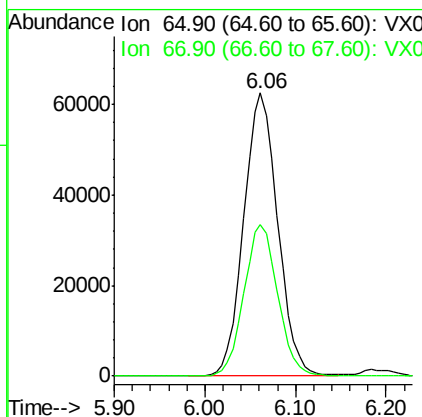
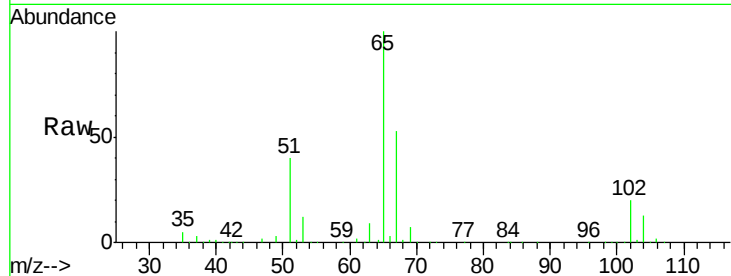
#33
 1,2-Dichloroethane-d4
 Concen: 53.740 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.6

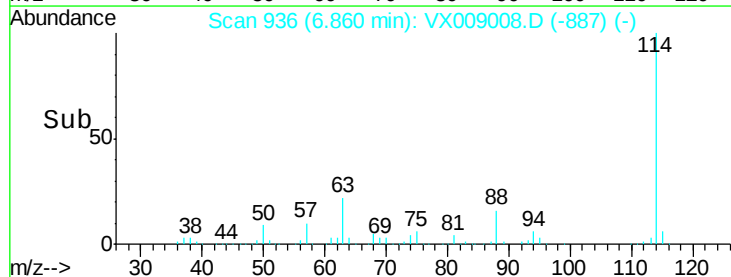
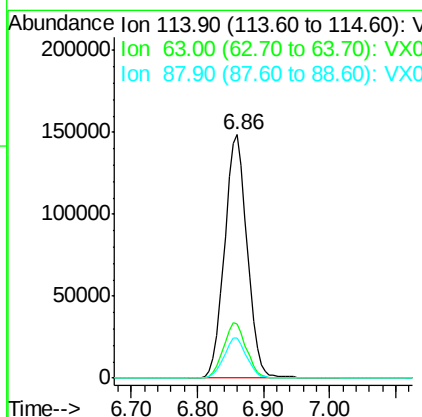
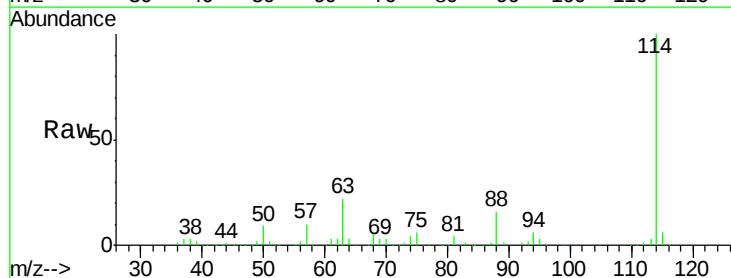
Manual Integrations
 APPROVED

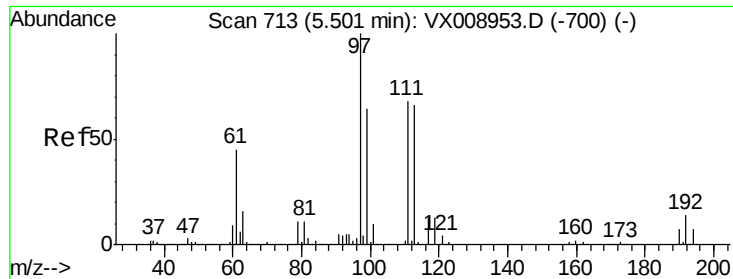
MMDadoda
 4/18/2019 10:16:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.0
88	16.3	0.0	32.6





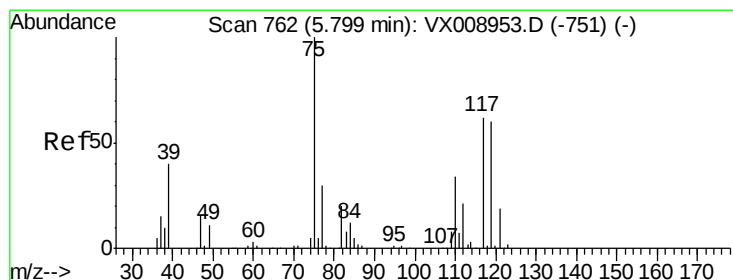
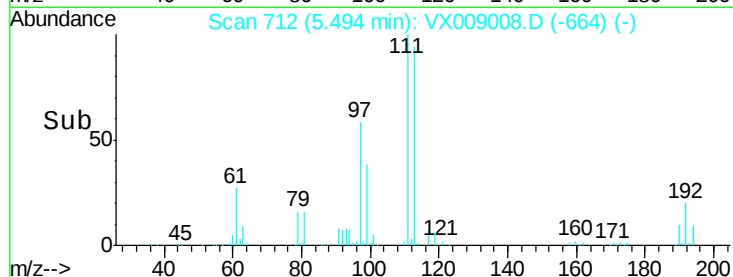
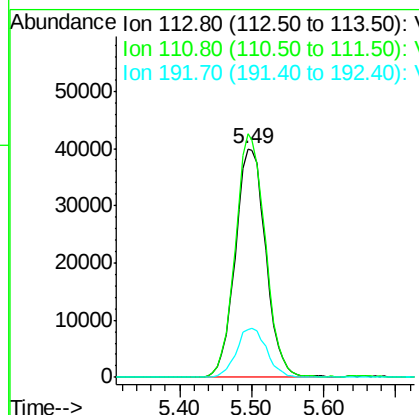
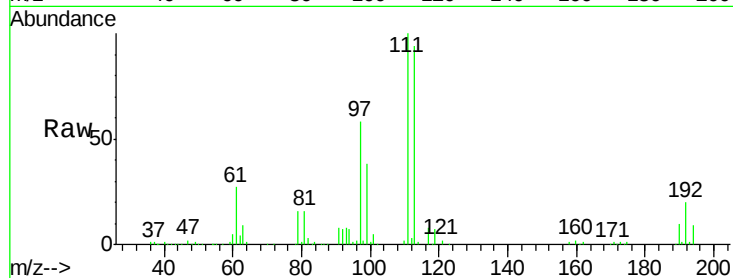
#35
Dibromofluoromethane
Concen: 51.890 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117473		
111	104.3	82.9	124.3	
192	21.3	17.4	26.0	

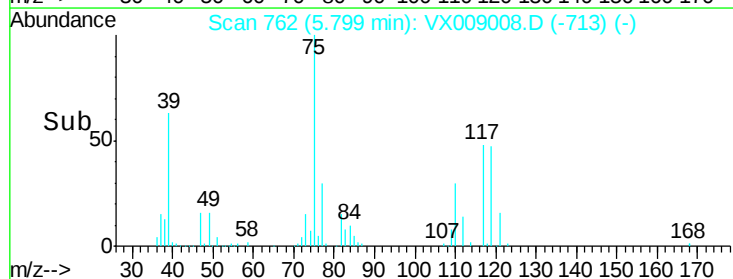
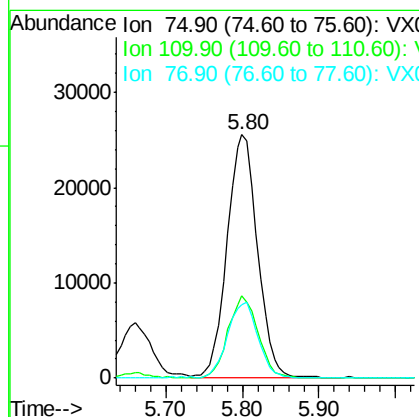
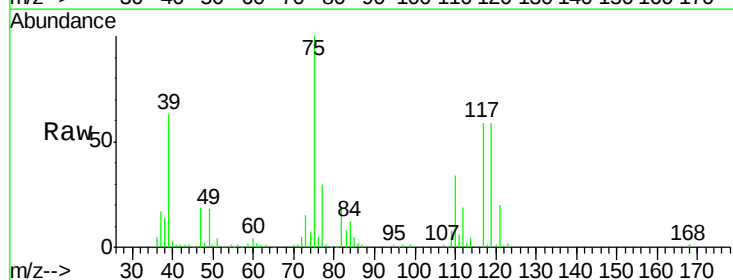
Manual Integrations
APPROVED

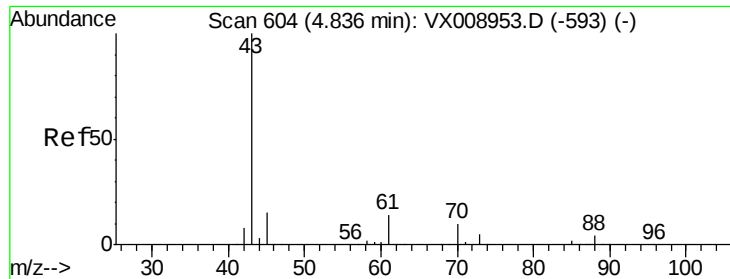
MMDadoda
4/18/2019 10:16:01 AM



#36
1,1-Dichloropropene
Concen: 19.179 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69970		
110	33.7	16.9	50.7	
77	31.5	25.0	37.4	





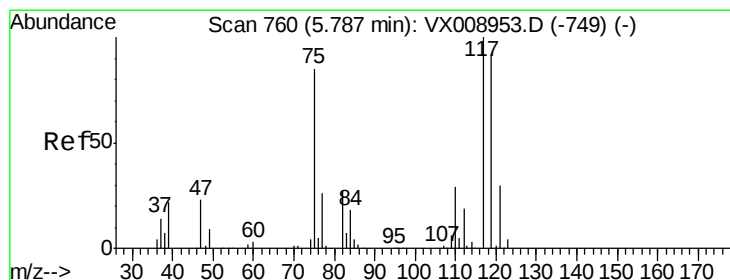
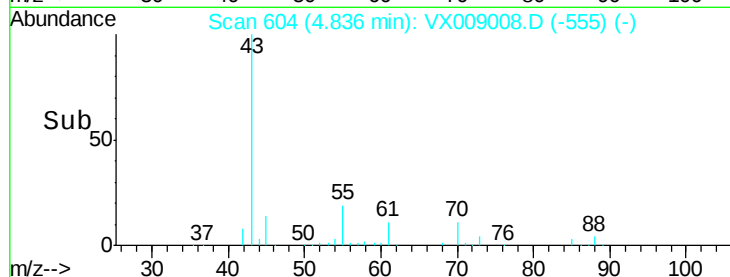
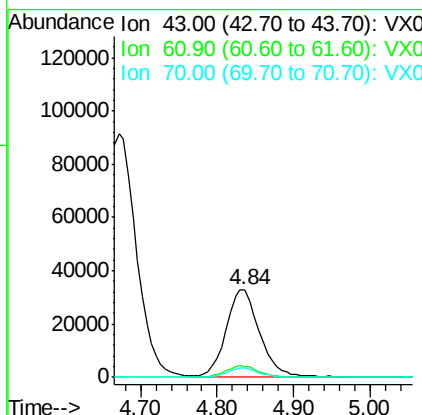
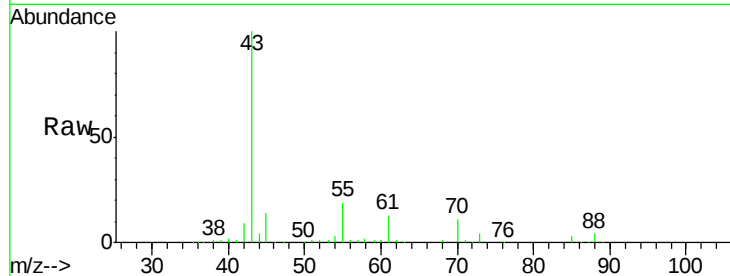
#37
Ethyl Acetate
Concen: 20.951 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	10.2	7.7	11.5

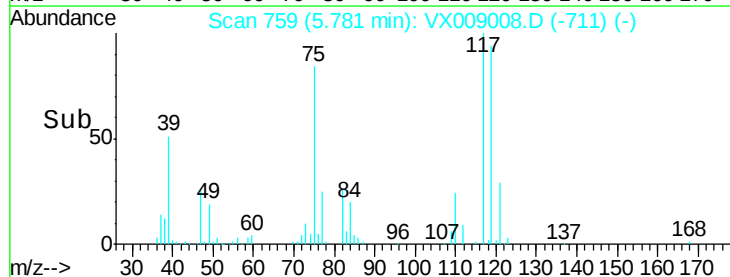
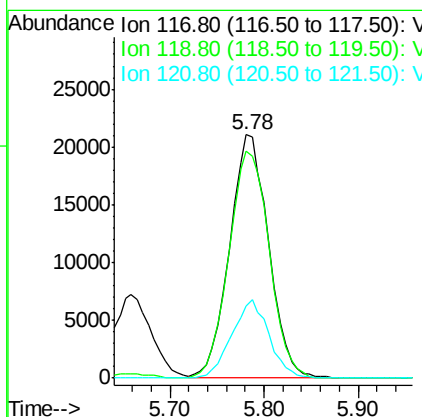
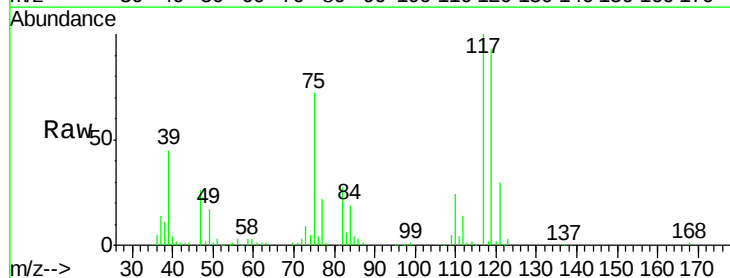
Manual Integrations
APPROVED

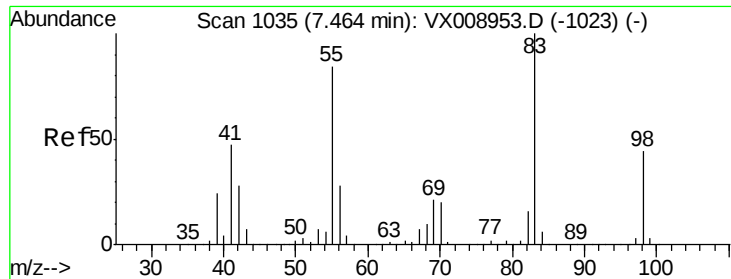
MMDadoda
4/18/2019 10:16:01 AM



#38
Carbon Tetrachloride
Concen: 19.685 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.8	110.8
121	29.6	23.6	35.4





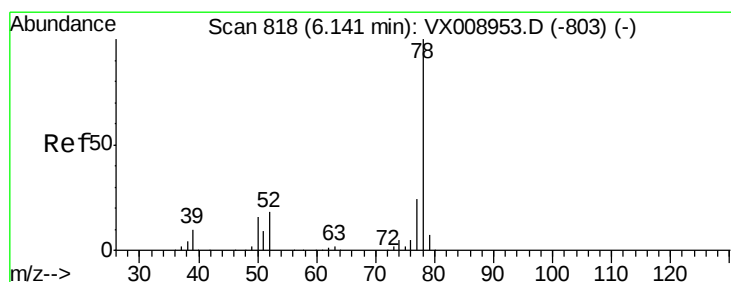
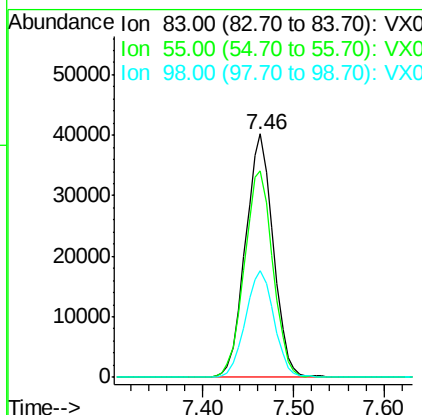
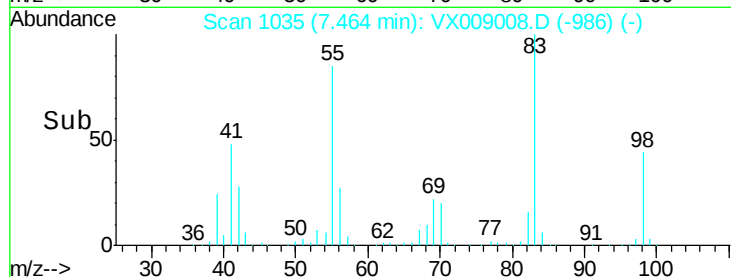
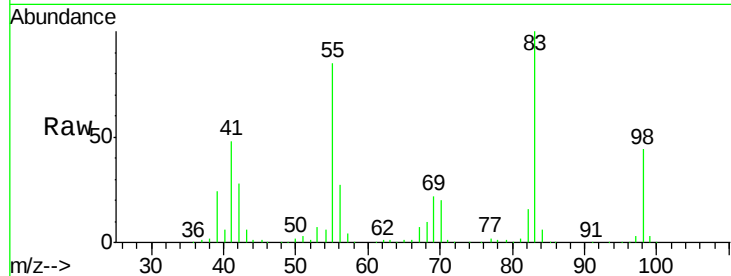
#39
Methvlcvclohexane
Concen: 19.209 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.9	67.1	100.7
98	43.9	35.1	52.7

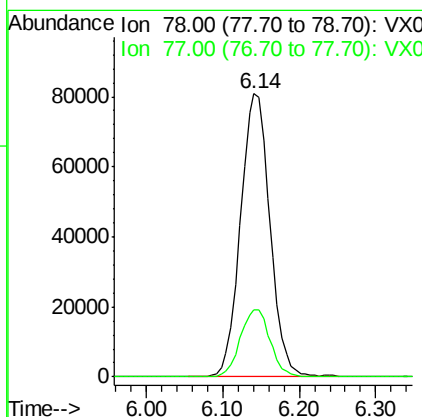
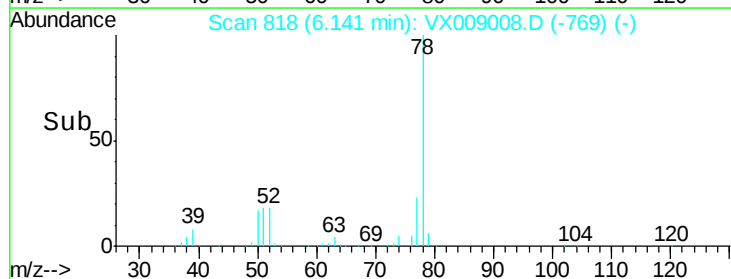
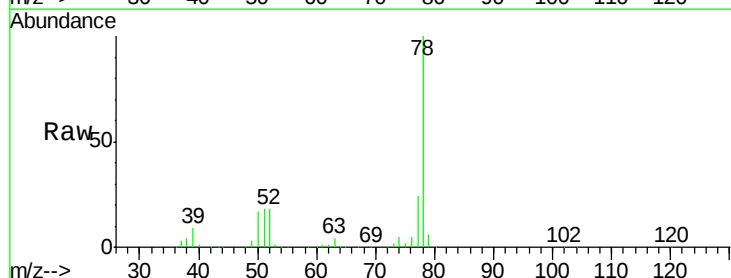
Manual Integrations
APPROVED

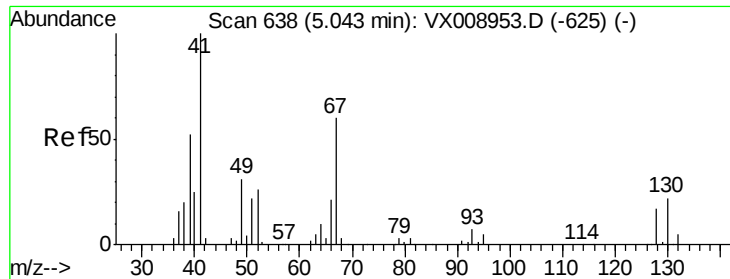
MMDadoda
4/18/2019 10:16:01 AM



#40
Benzene
Concen: 20.069 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





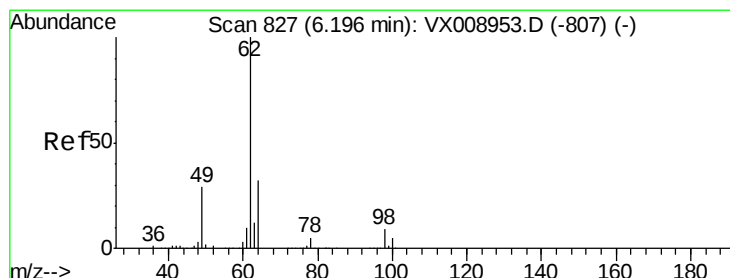
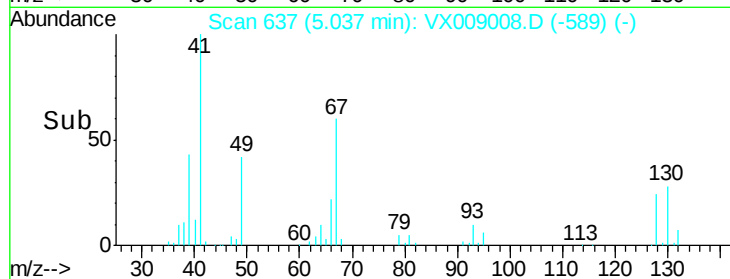
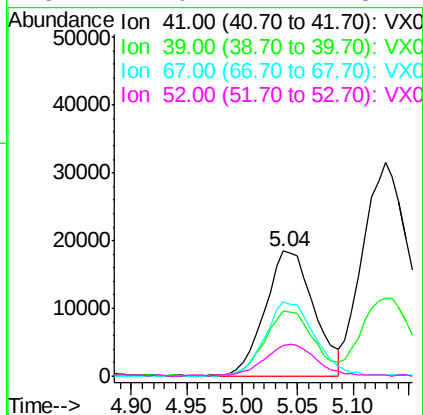
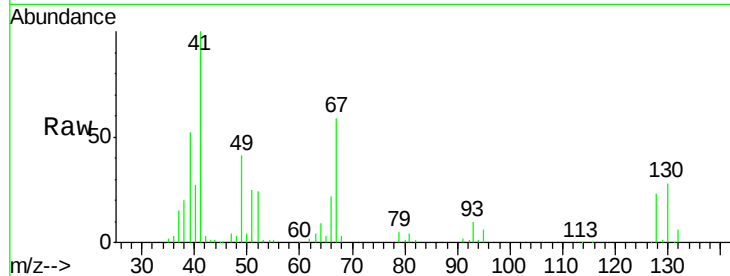
#41
Methacrylonitrile
Concen: 21.038 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.8	62.6
67	60.8	50.2	75.4
52	27.0	21.1	31.7

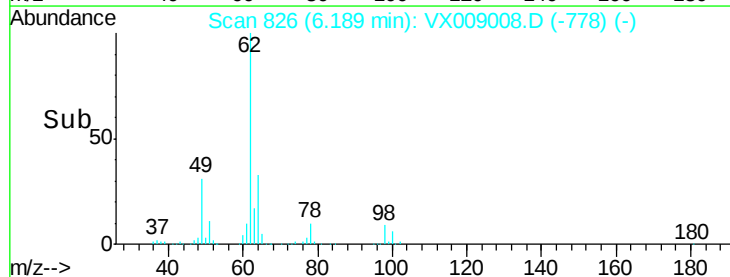
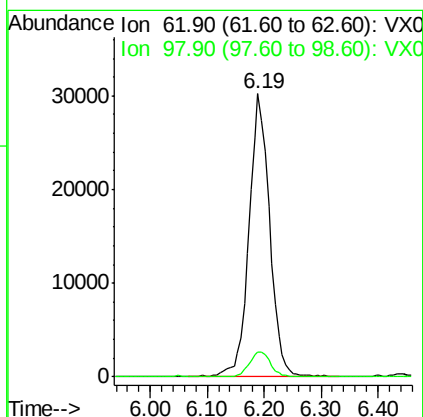
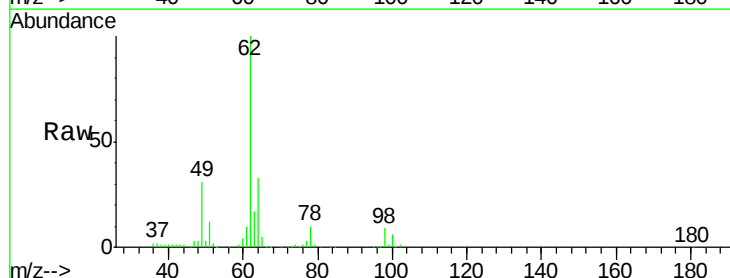
Manual Integrations
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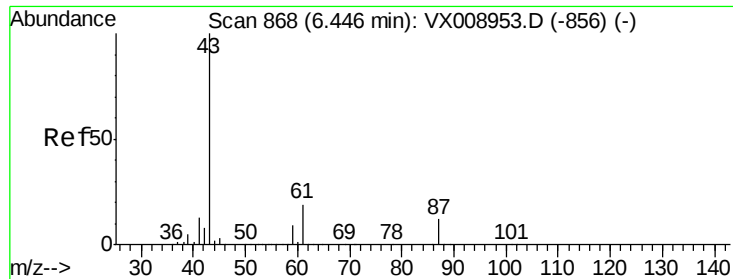
MMDadoda
4/18/2019 10:16:01 AM



#42
1,2-Dichloroethane
Concen: 20.043 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

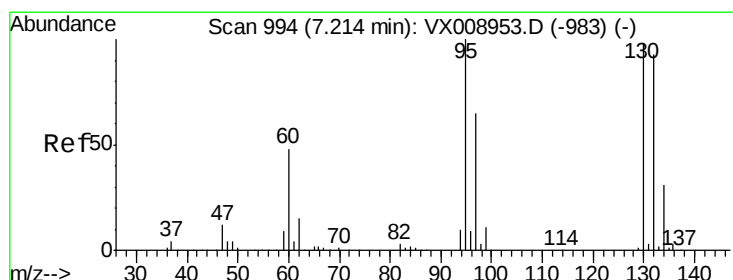
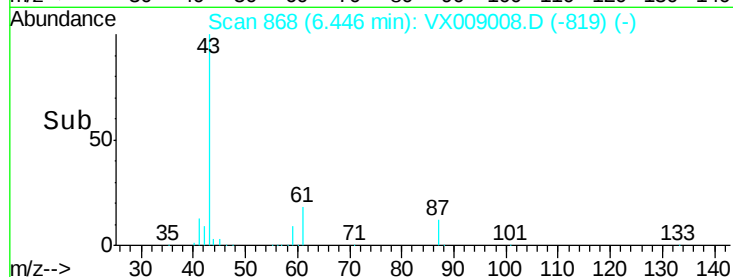
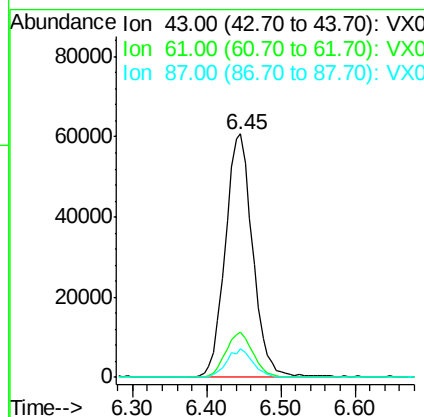
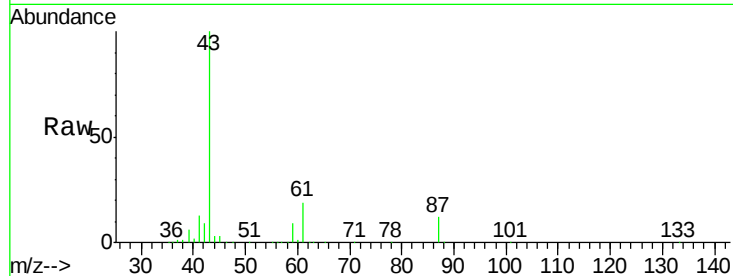
Isopropyl Acetate
 Concen: 20.492 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.0
87	11.4	9.0	13.4

Manual Integrations
 APPROVED

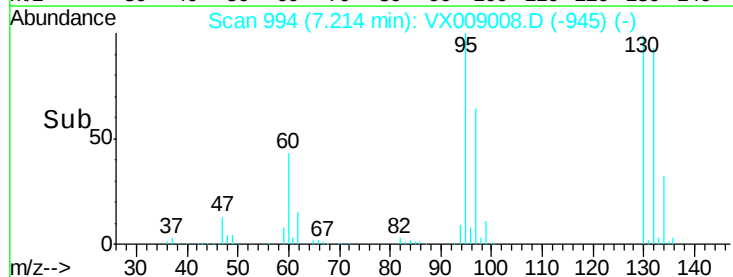
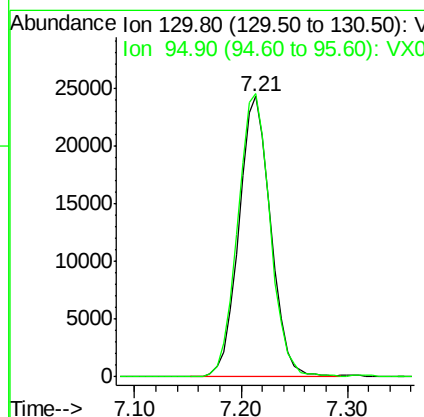
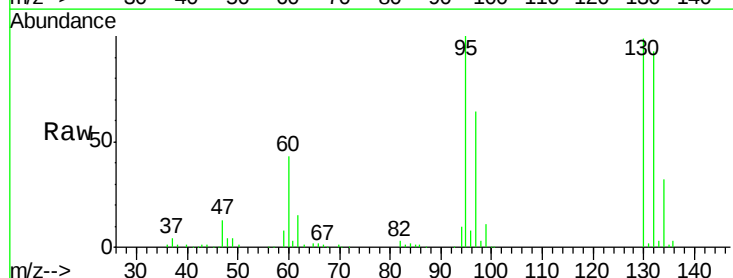
MMDadoda
 4/18/2019 10:16:01 AM

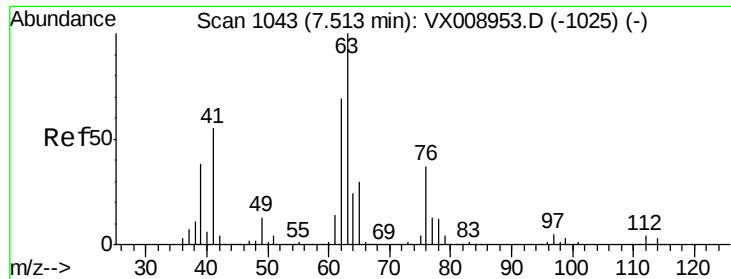


#44

Trichloroethene
 Concen: 19.353 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	203.2





#45

1,2-Dichloropropane

Concen: 20.314 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 63 Resp: 60653

Ion Ratio Lower Upper

63 100

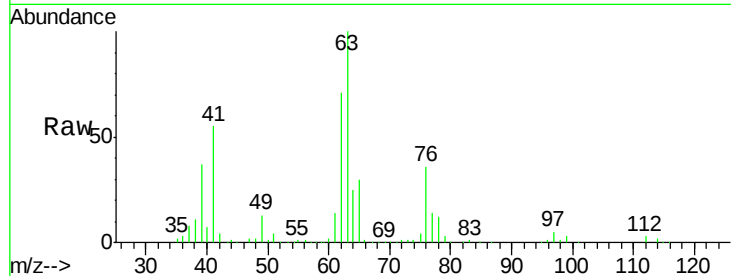
65 30.2 24.1 36.1

Manual Integrations

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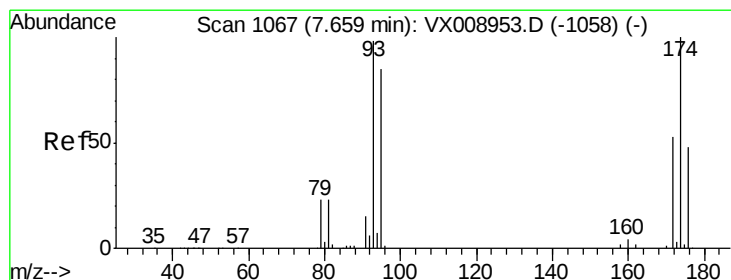
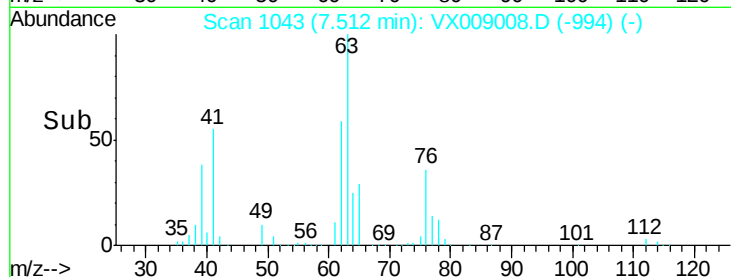
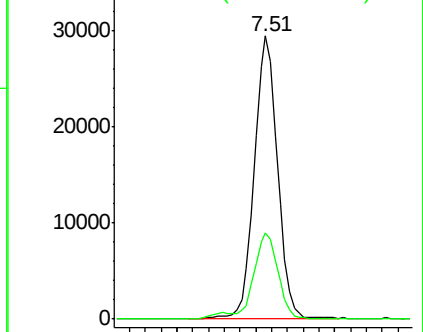
MMDadoda

4/18/2019 10:16:01 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.861 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

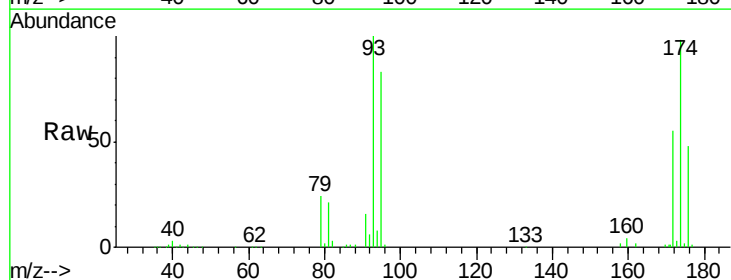
Tgt Ion: 93 Resp: 34512

Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.4

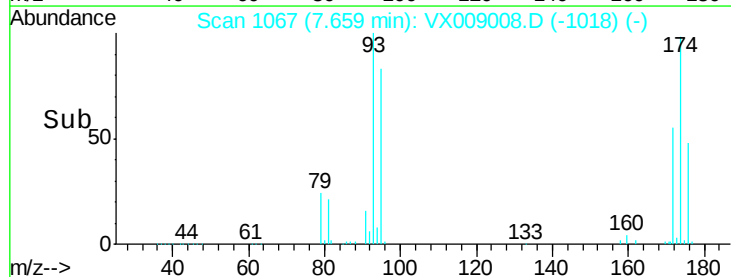
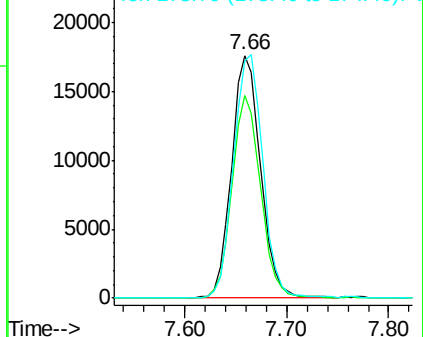
174 101.6 81.6 122.4

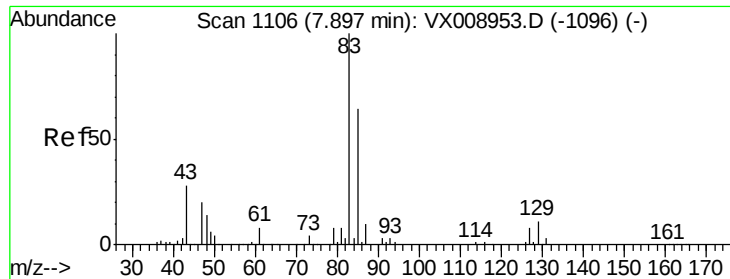


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





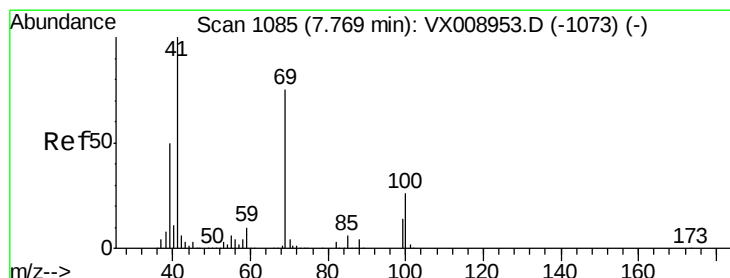
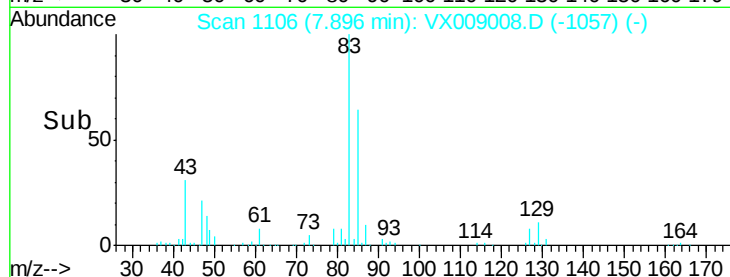
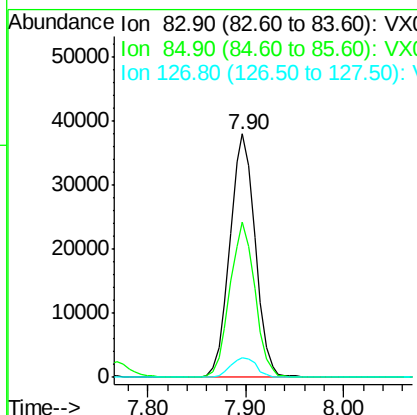
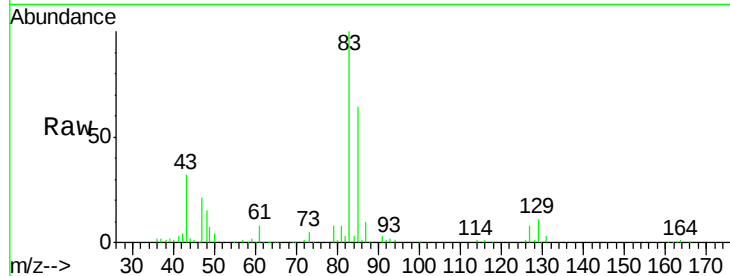
#47
Bromodichloromethane
Concen: 20.041 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	83	Resp	68303
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	50.8	76.2
127	7.9	6.4	9.6

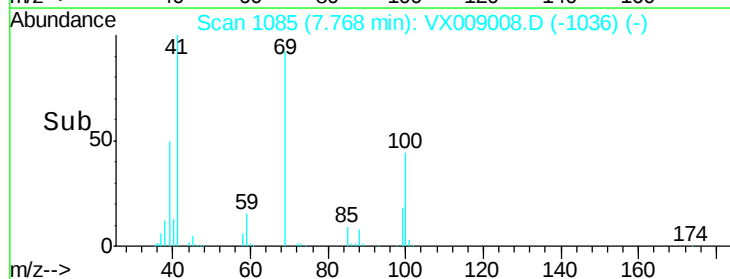
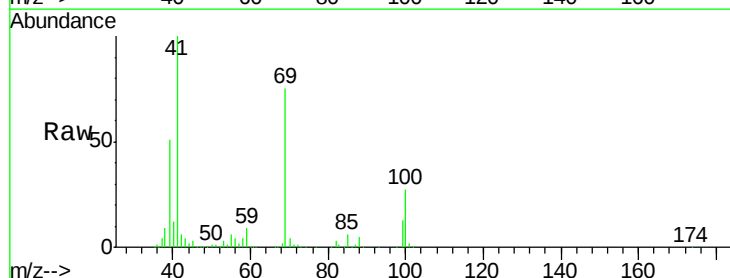
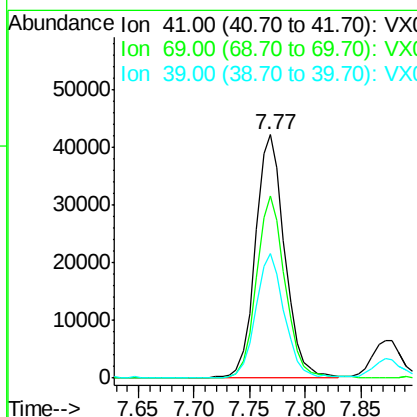
Manual Integrations
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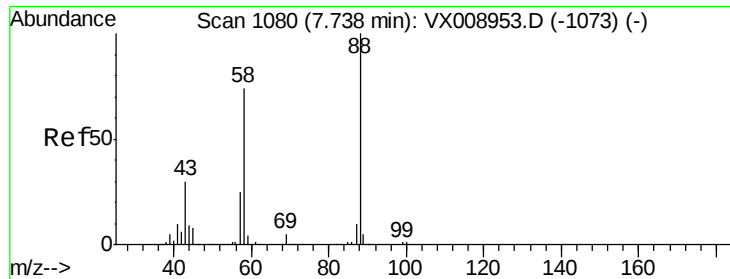
MMDadoda
4/18/2019 10:16:01 AM



#48
Methyl methacrylate
Concen: 20.596 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	41	Resp	76988
Ion Ratio	100	Lower	Upper
41	100		
69	74.1	59.4	89.2
39	50.7	39.8	59.6





#49

1,4-Dioxane

Concen: 430.723 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

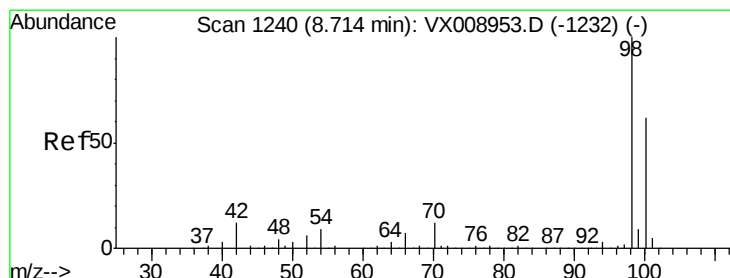
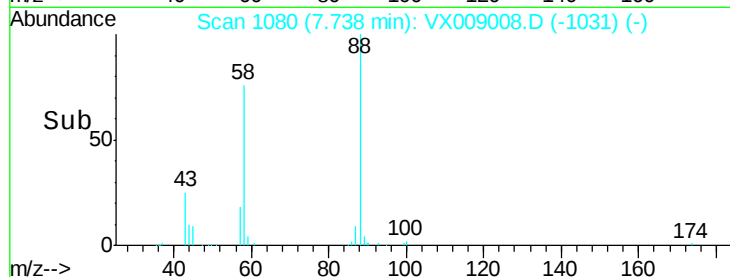
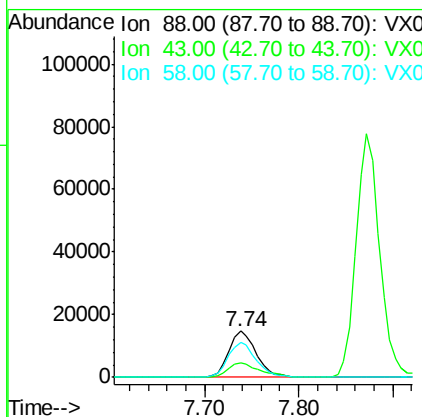
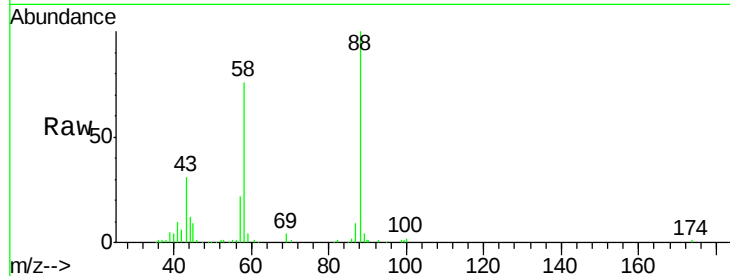
ClientSampleId :

VX0417WBS01

Tot Ion:	88	Resp:	30135
Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.3	43.9
58	78.6	62.6	93.8

Manual Integrations
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4/18/2019 10:16:01 AM



#50

Toluene-d8

Concen: 53.716 ug/l

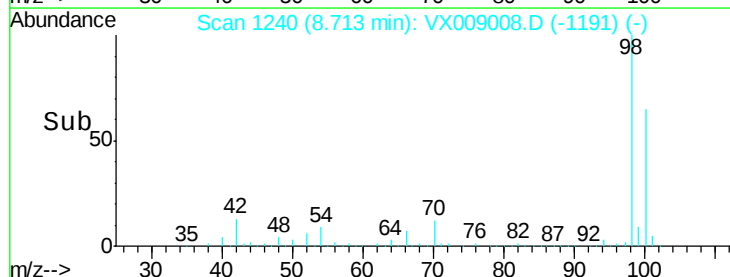
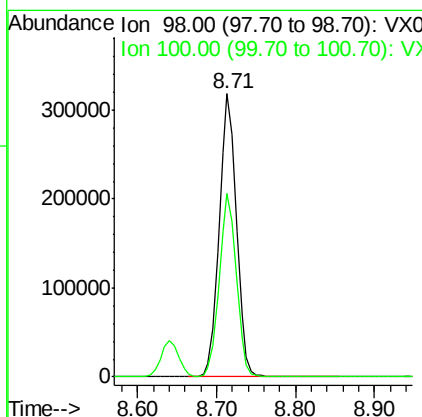
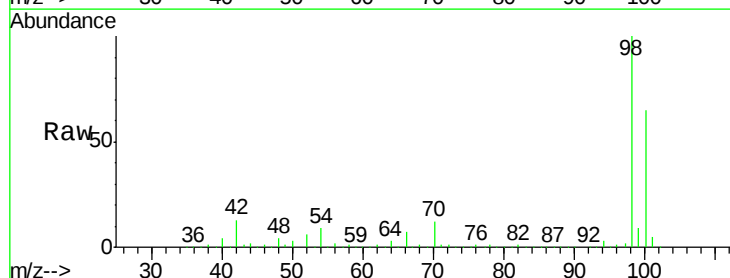
RT: 8.71 min Scan# 1240

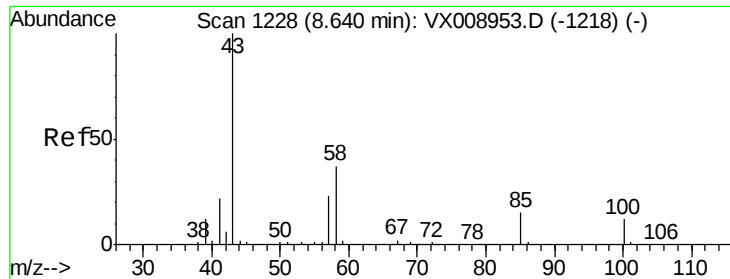
Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion:	98	Resp:	484972
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.2





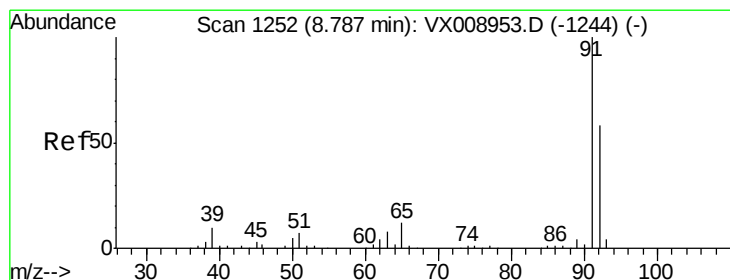
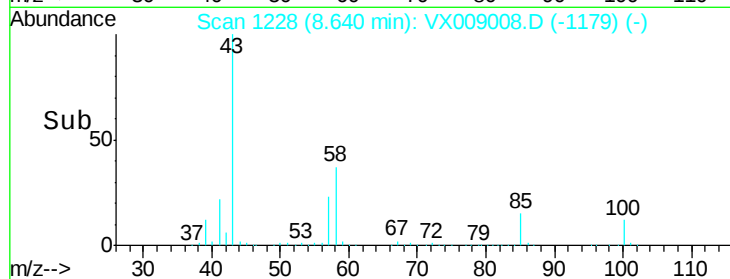
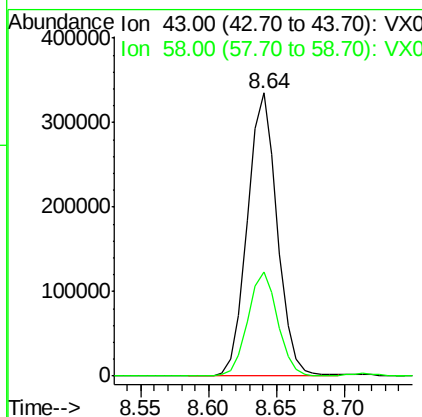
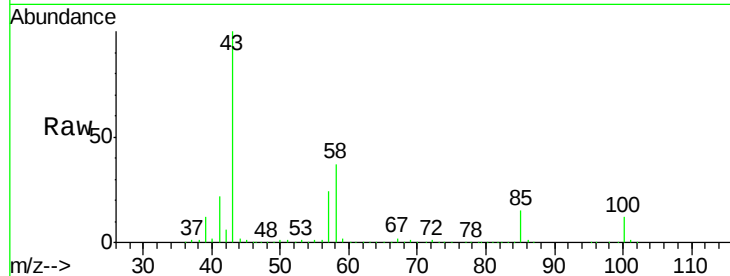
#51
4-Methyl-2-Pentanone
Concen: 106.949 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	36.9	29.8	44.6		

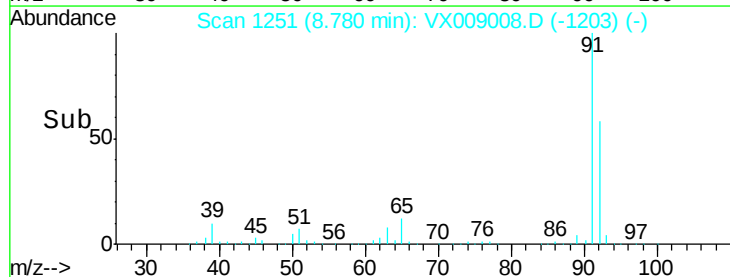
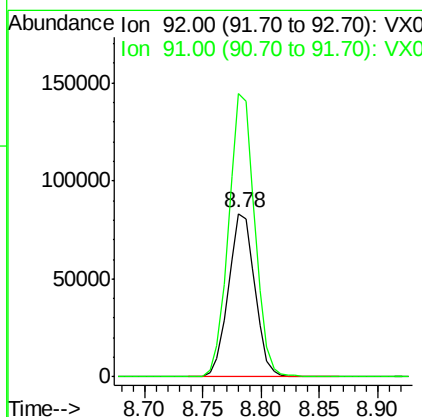
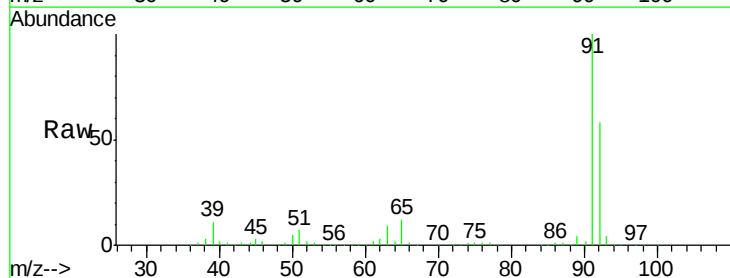
Manual Integrations
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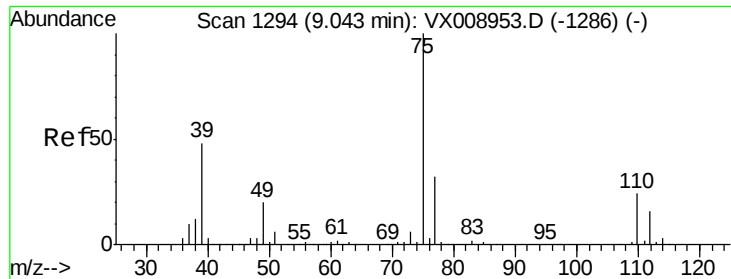
MMDadoda
4/18/2019 10:16:01 AM



#52
Toluene
Concen: 20.352 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	171.9	138.5	207.7		





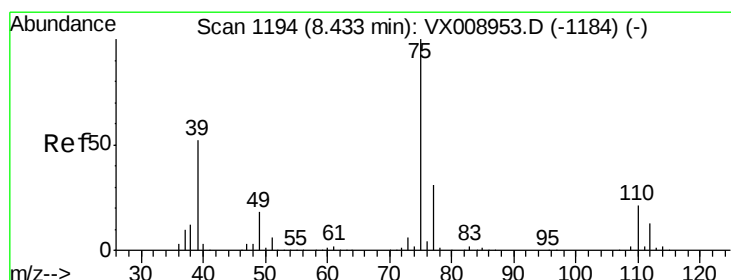
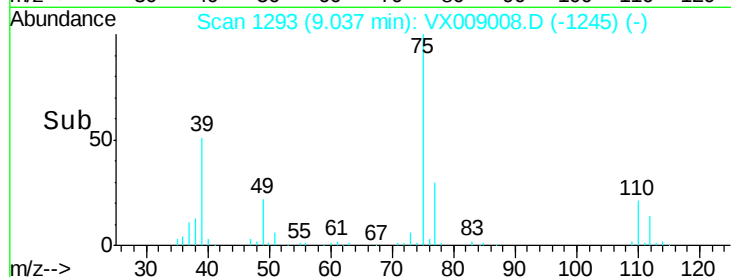
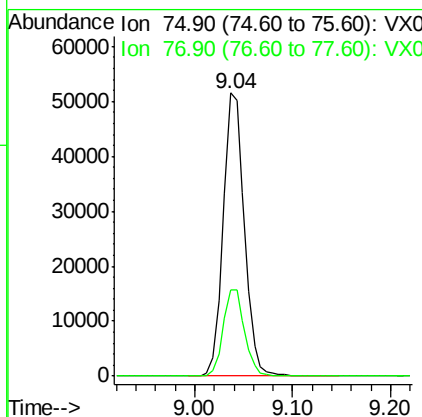
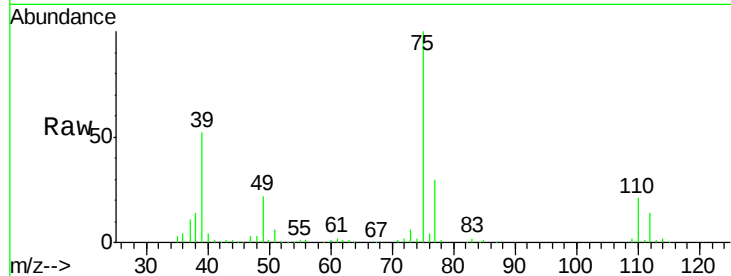
#53
t-1,3-Dichloropropene
Concen: 19.736 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion: 75 Resp: 77411
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

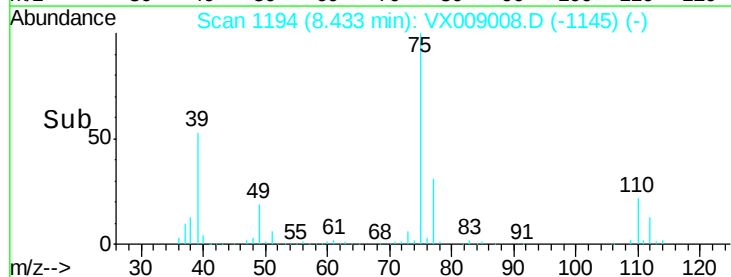
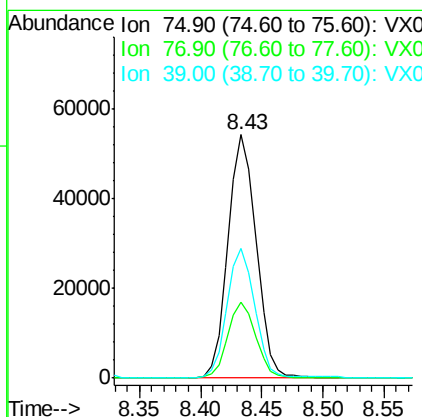
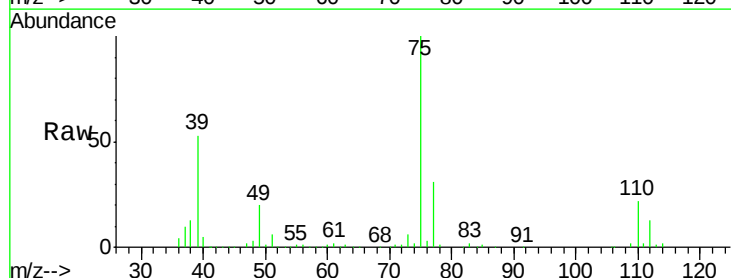
Manual Integrations
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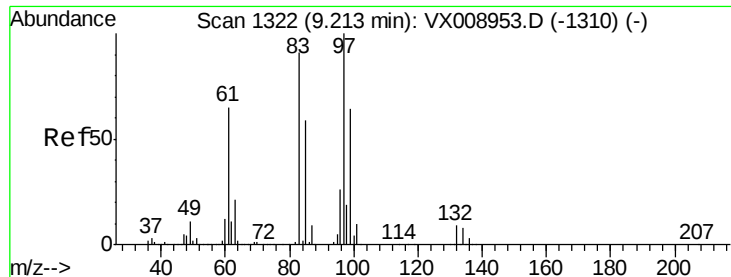
MMDadoda
4/18/2019 10:16:01 AM



#54
cis-1,3-Dichloropropene
Concen: 19.769 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 75 Resp: 86825
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 53.0 41.8 62.6





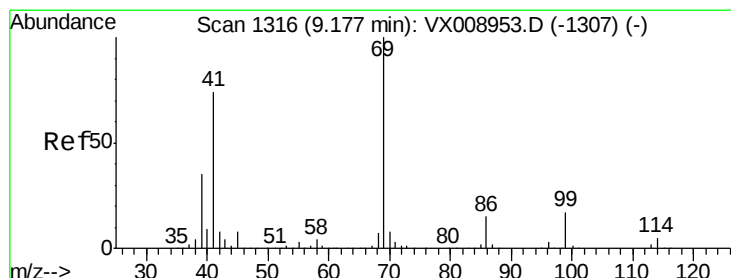
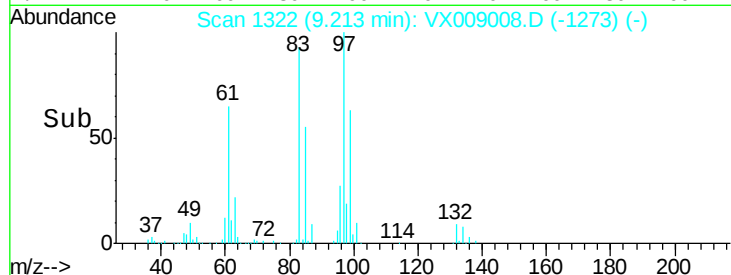
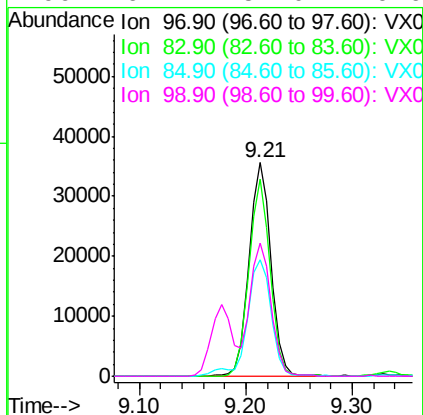
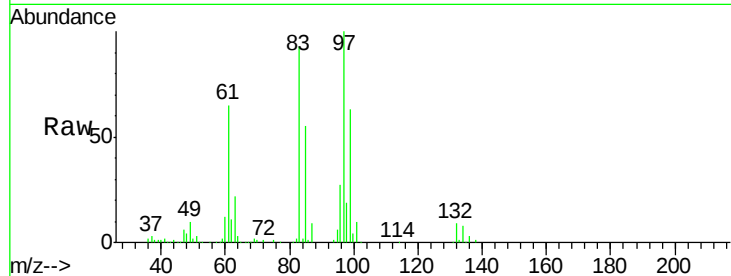
#55
 1,1,2-Trichloroethane
 Concen: 20.219 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion:	97	Resp:	51687
Ion	Ratio	Lower	Upper
97	100		
83	92.6	72.6	108.8
85	54.6	46.9	70.3
99	62.4	51.0	76.6

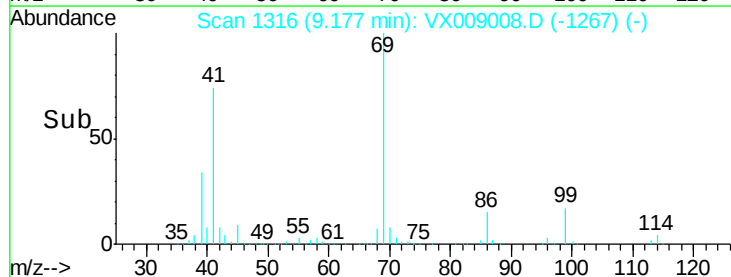
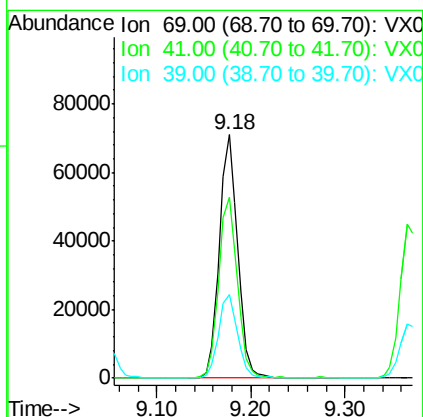
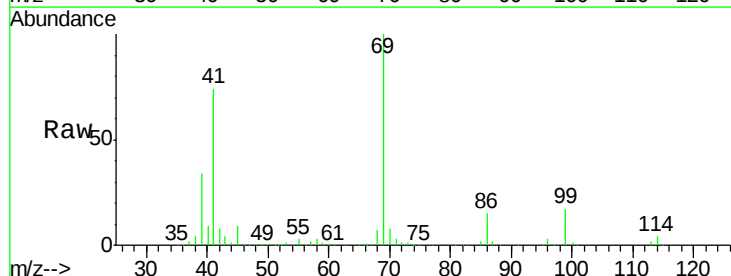
Manual Integrations
 APPROVED

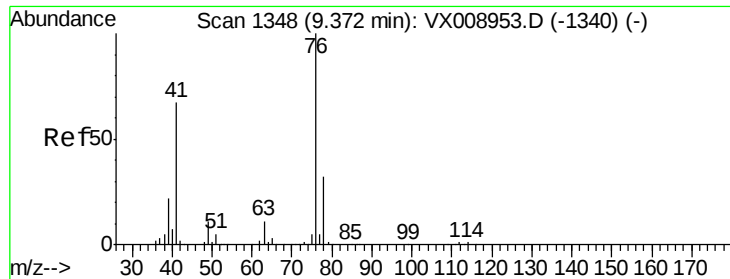
MMDadoda
 4/18/2019 10:16:01 AM



#56
 Ethyl methacrylate
 Concen: 20.913 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion:	69	Resp:	95864
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.2	90.2
39	35.2	27.9	41.9





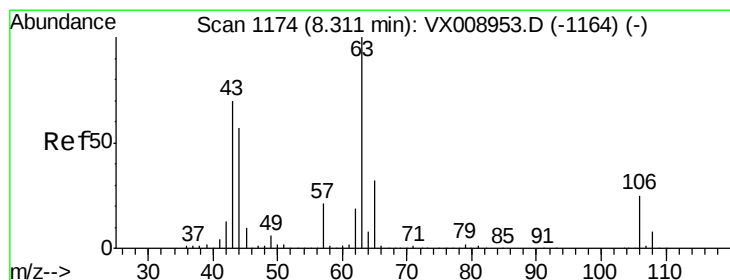
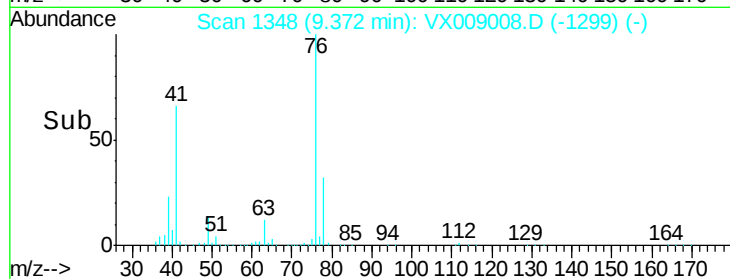
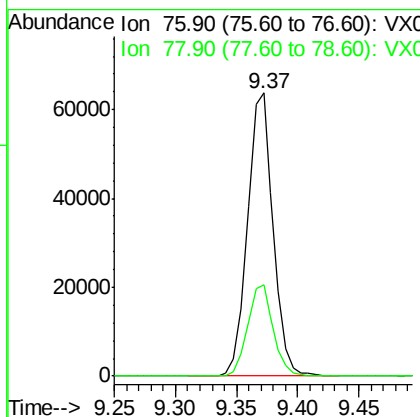
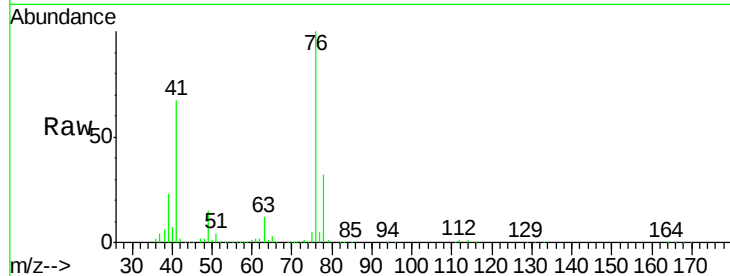
#57
 1,3-Dichloropropane
 Concen: 20.332 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion: 76 Resp: 92543
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5

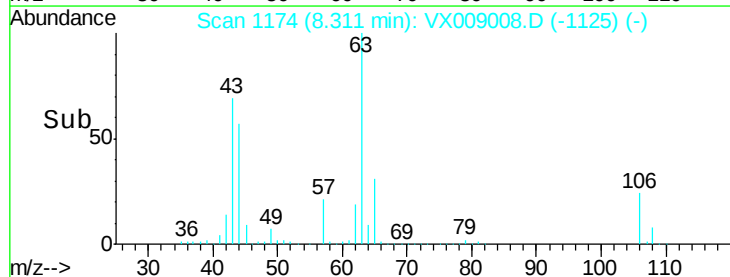
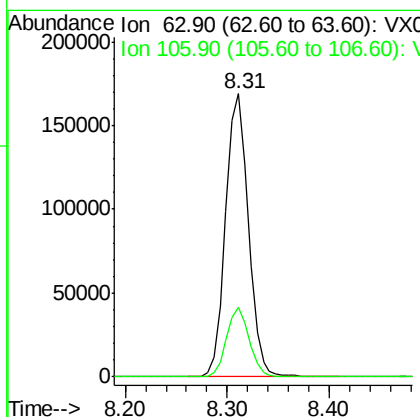
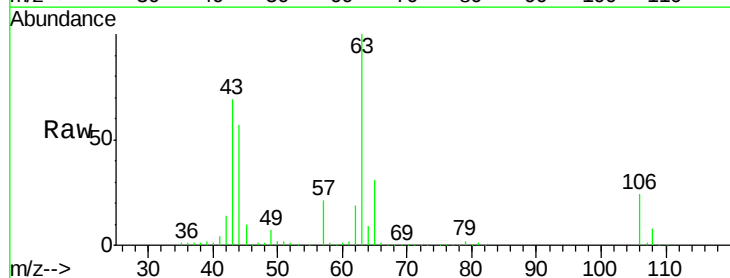
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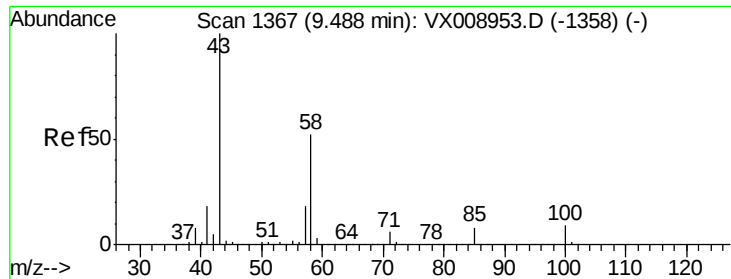
MMDadoda
 4/18/2019 10:16:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.018 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion: 63 Resp: 261697
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.8 29.6





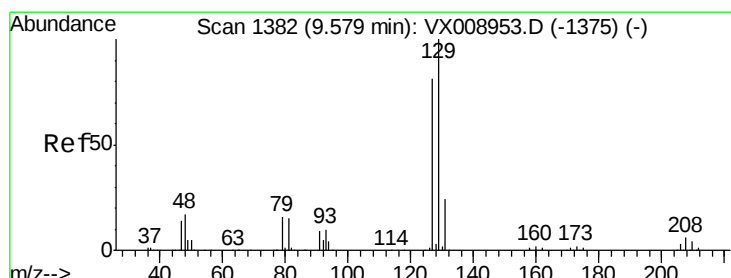
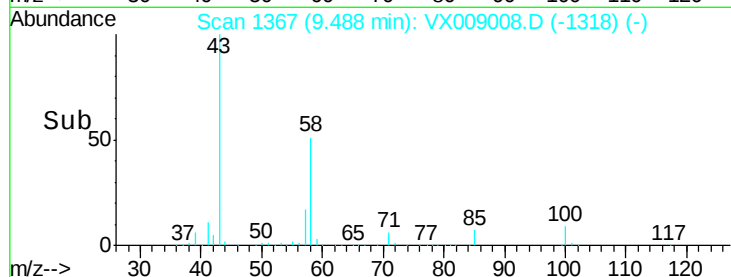
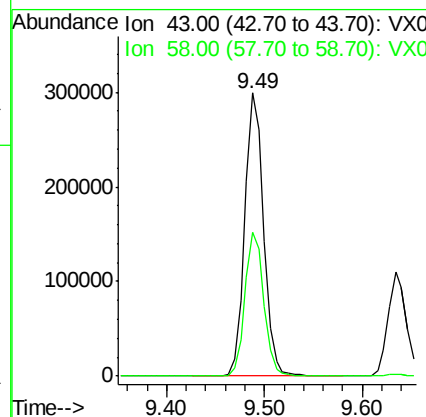
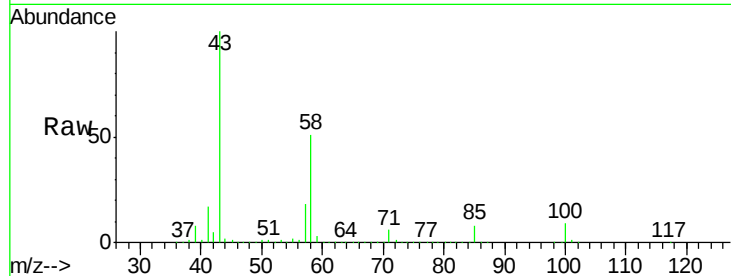
#59
2-Hexanone
Concen: 107.262 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion: 43 Resp: 398562
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8

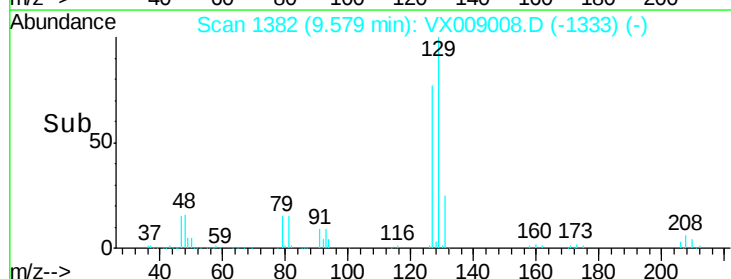
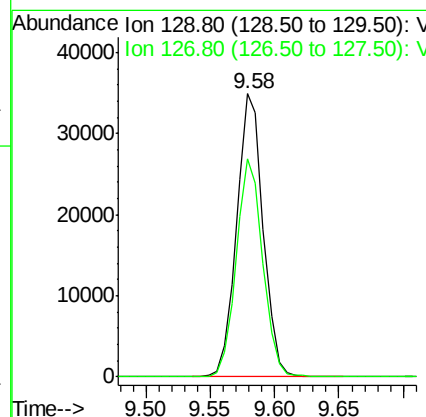
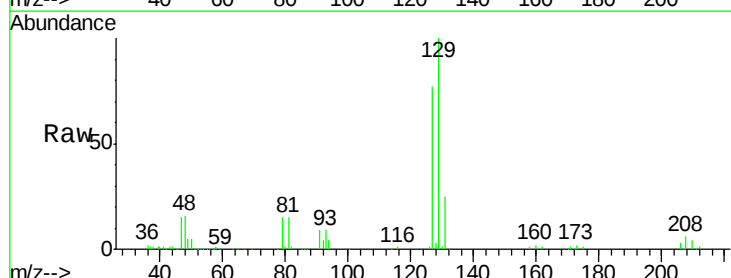
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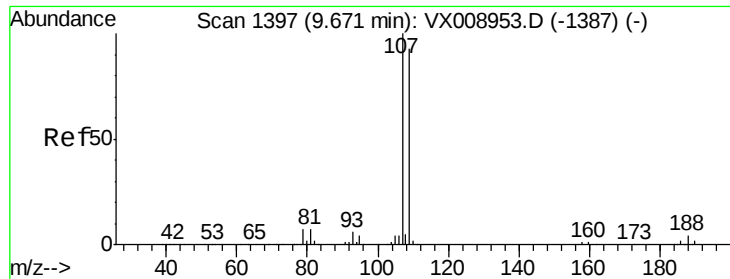
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#60
Dibromochloromethane
Concen: 20.416 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion:129 Resp: 50020
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.058 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion:107 Resp: 52921

Ion Ratio Lower Upper

107 100

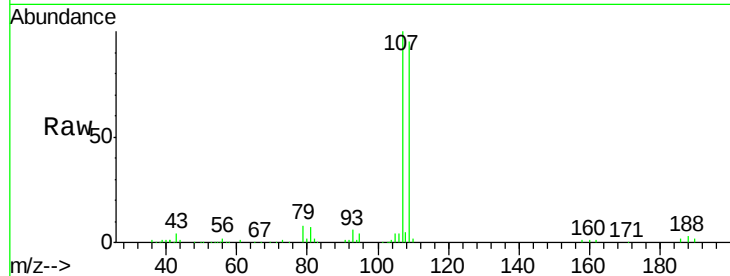
109 94.6 74.4 111.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

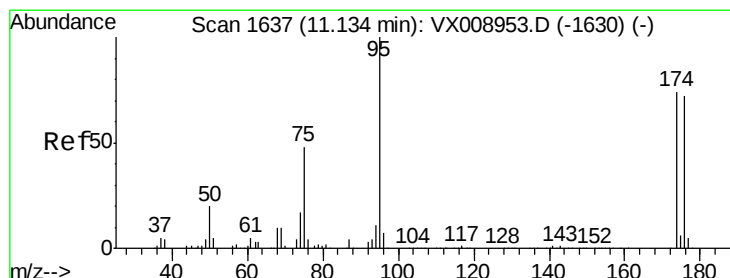
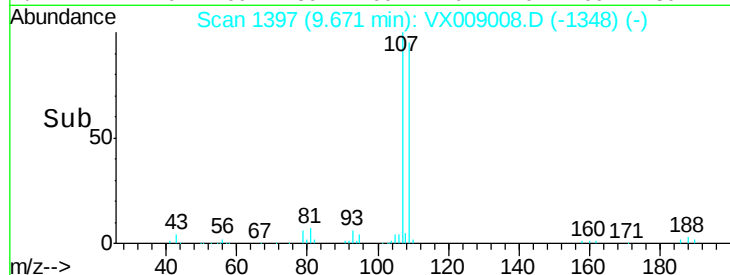
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

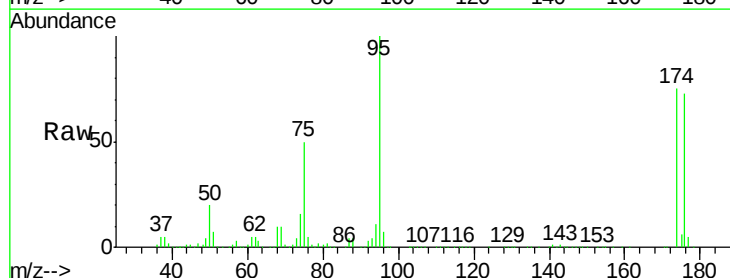
Tgt Ion: 95 Resp: 171645

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.6

176 77.0 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

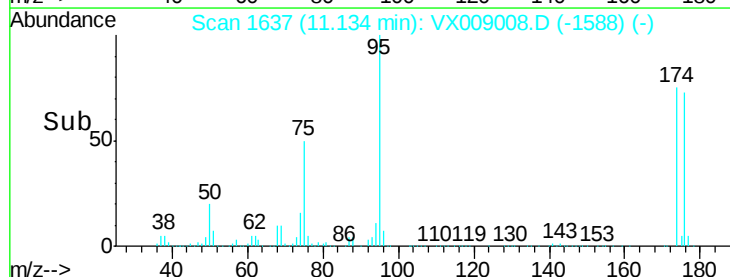
150000

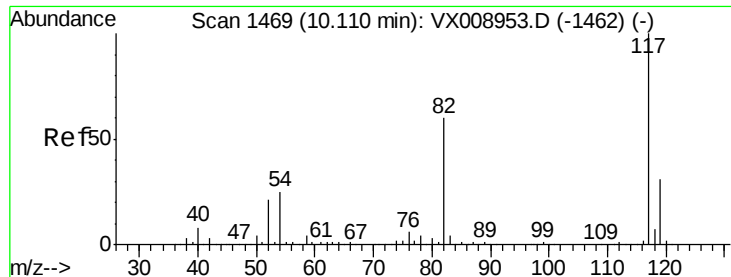
100000

50000

0

Time-->





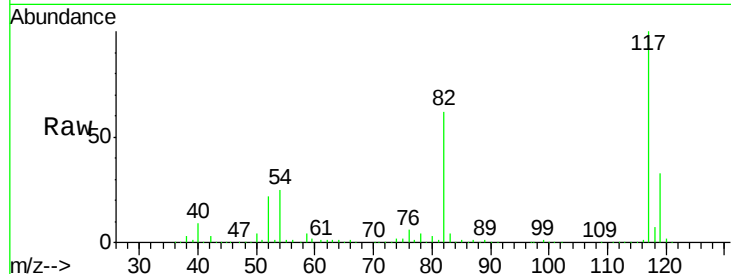
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	48.2	72.4
119	32.8	25.0	37.6

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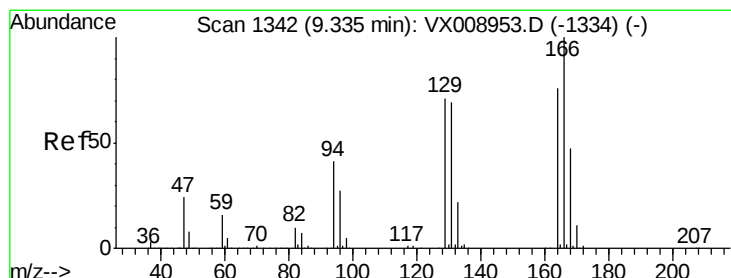
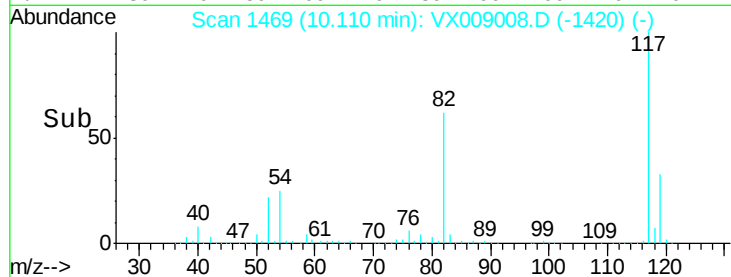
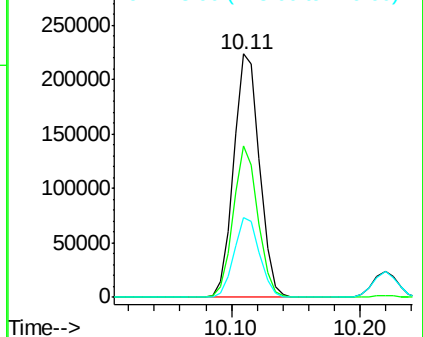


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.684 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	105.0	157.4
129	92.6	74.2	111.4
131	89.5	72.2	108.2

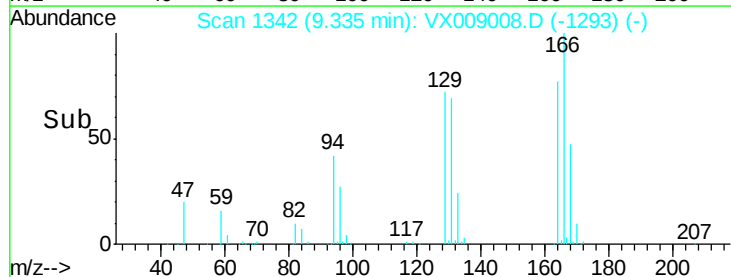
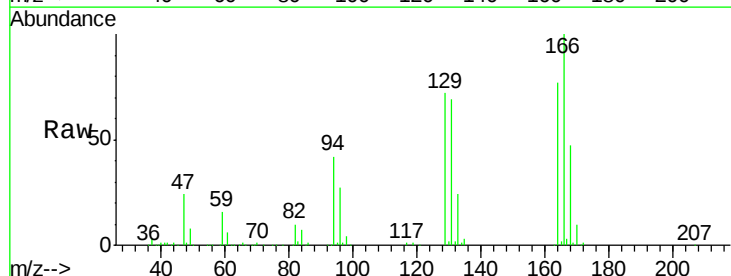
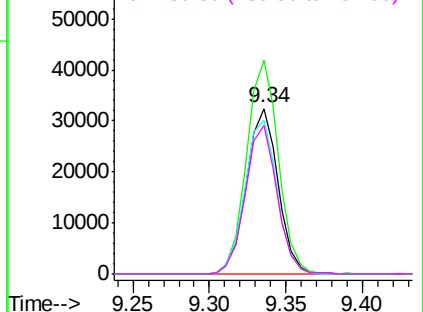
Abundance

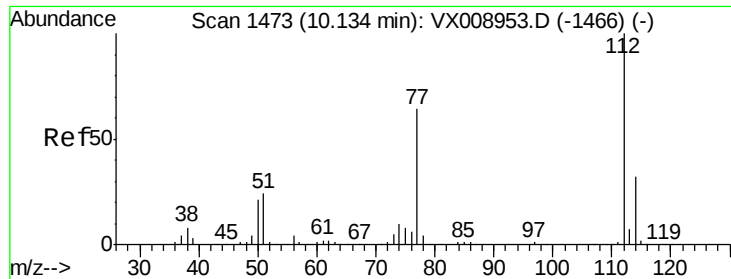
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.208 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion:112 Resp: 133285

Ion Ratio Lower Upper

112 100

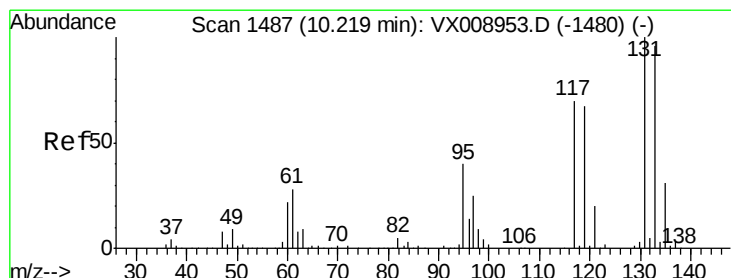
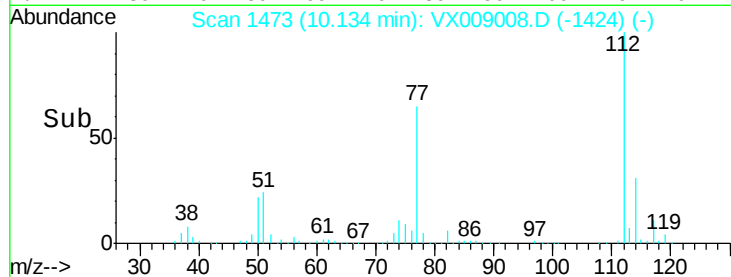
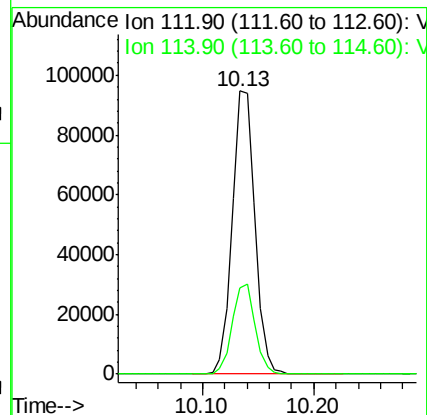
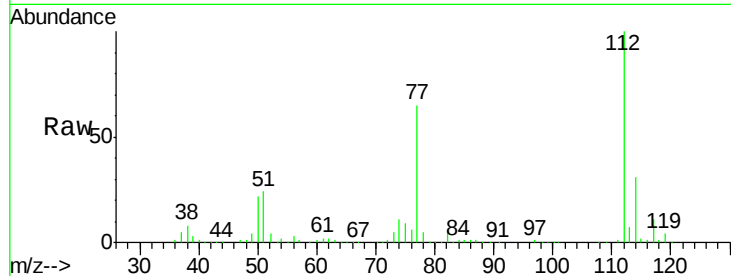
114 30.6 25.4 38.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.329 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

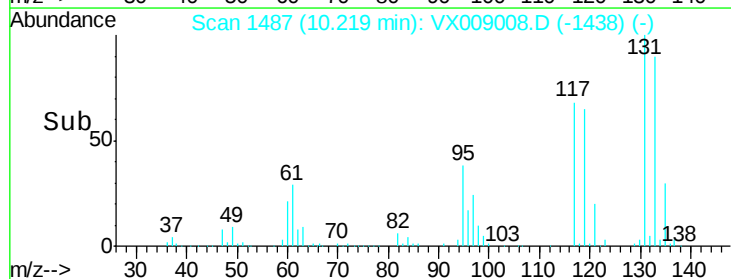
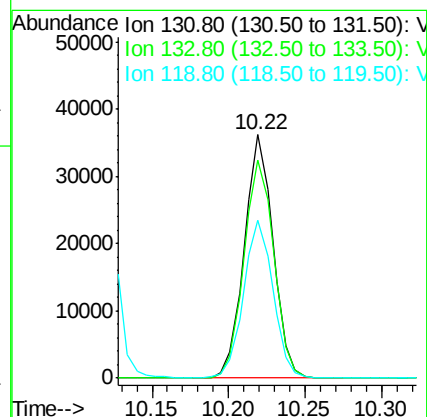
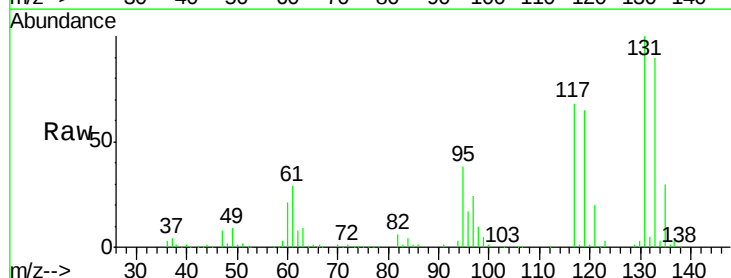
Tgt Ion:131 Resp: 47237

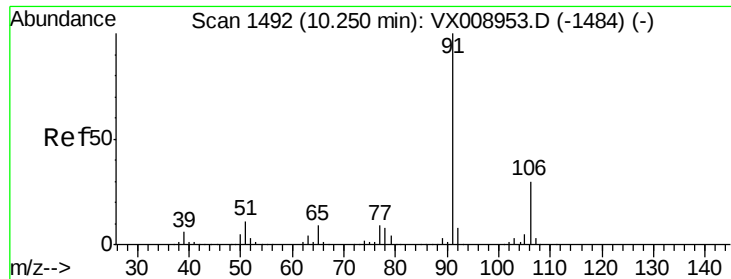
Ion Ratio Lower Upper

131 100

133 93.4 48.0 144.2

119 66.5 33.7 101.1





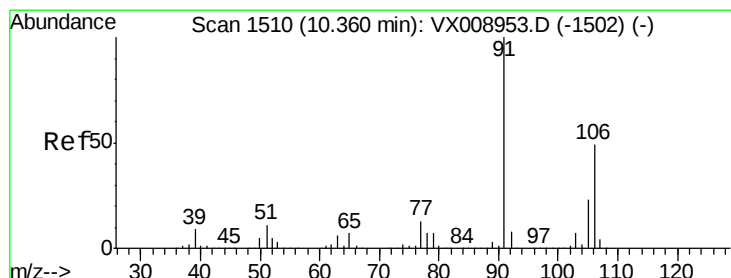
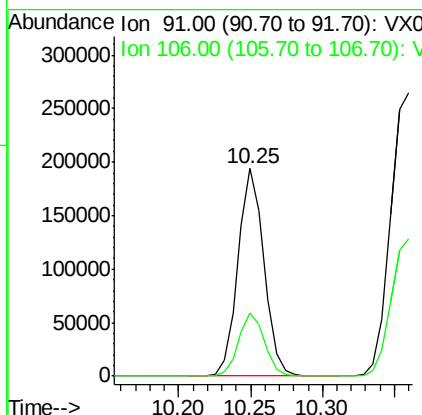
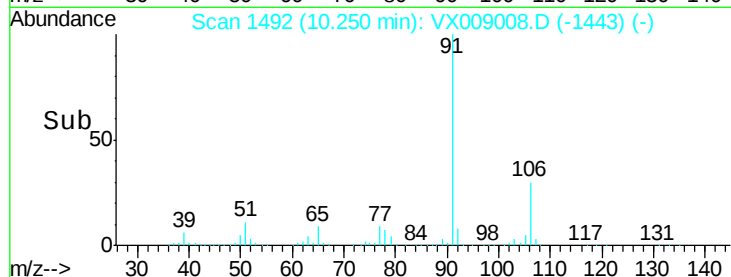
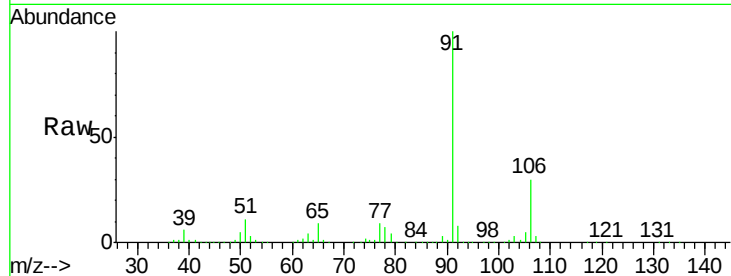
#67
Ethyl Benzene
Concen: 20.216 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion: 91 Resp: 243755
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

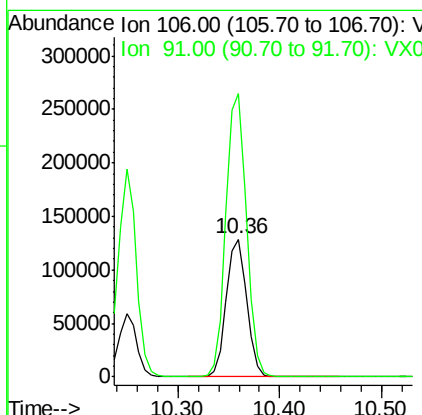
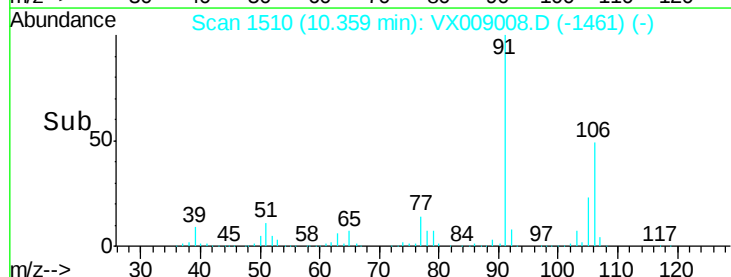
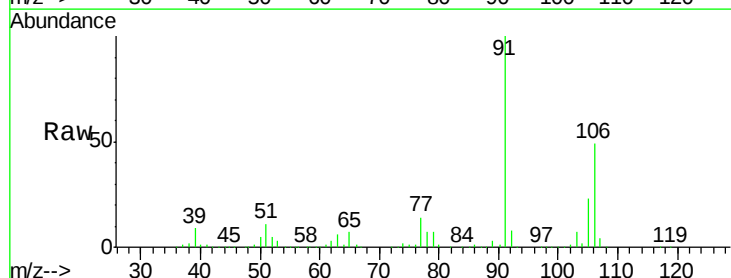
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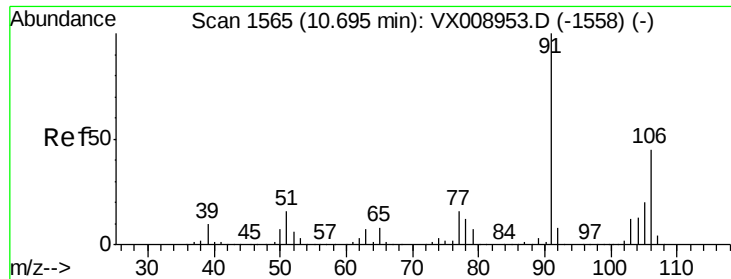
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#68
m/p-Xylenes
Concen: 40.683 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion: 106 Resp: 178271
Ion Ratio Lower Upper
106 100
91 207.2 165.4 248.2





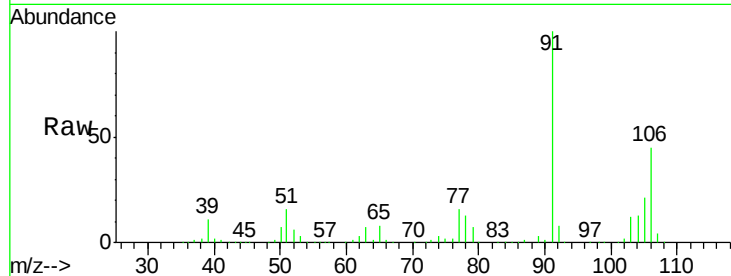
#69
o-Xylene
Concen: 20.172 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

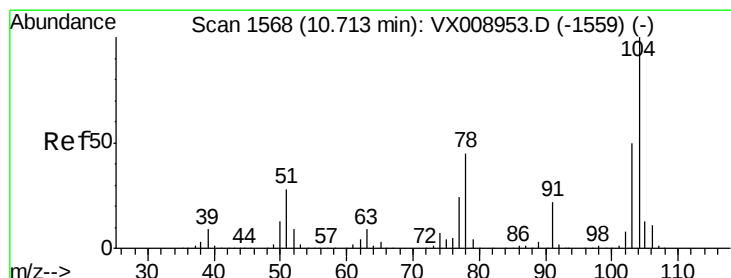
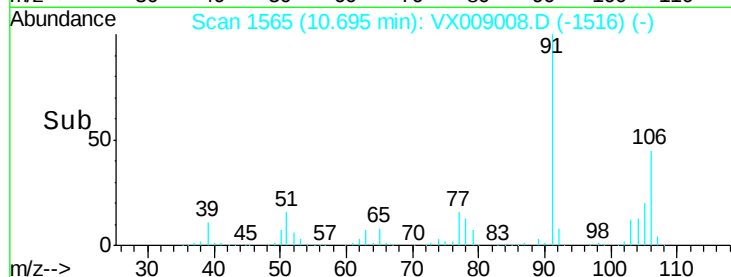
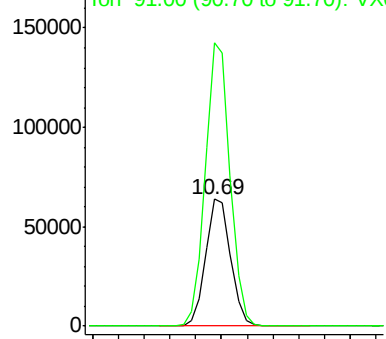
Tot Ion:106 Resp: 86009
Ion Ratio Lower Upper
106 100
91 221.4 108.9 326.7

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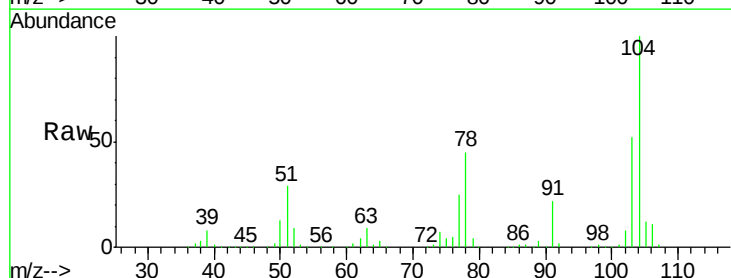


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

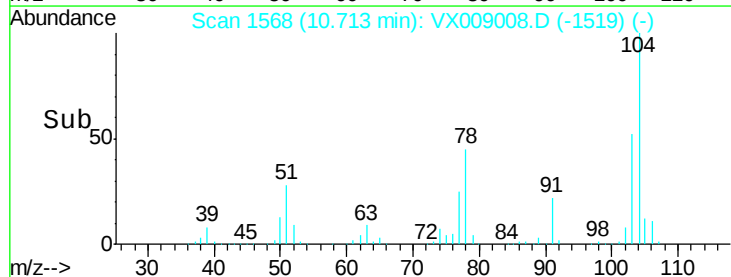
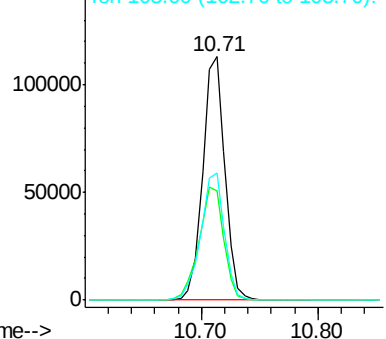


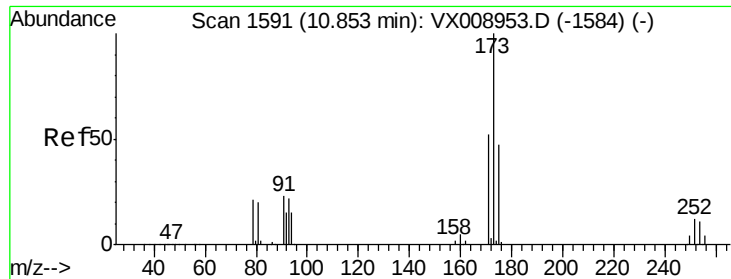
#70
Styrene
Concen: 20.225 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion:104 Resp: 149437
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 56.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.345 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion:173 Resp: 35810

Ion Ratio Lower Upper

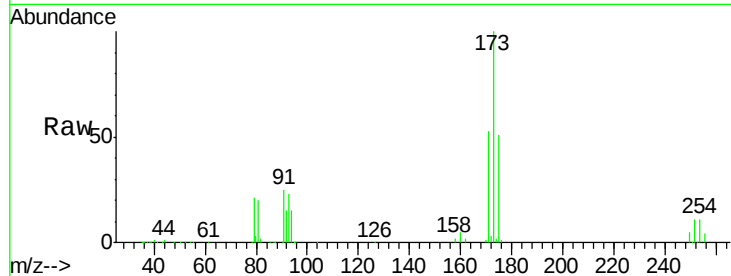
173 100

175 49.9 23.9 71.8

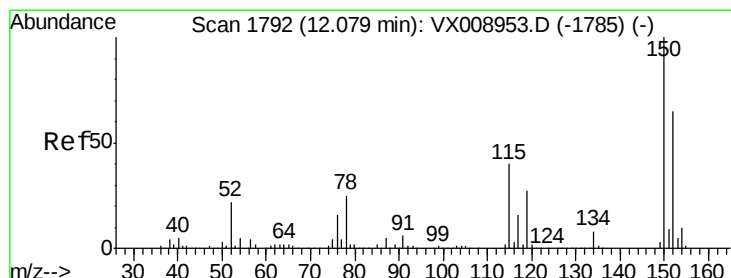
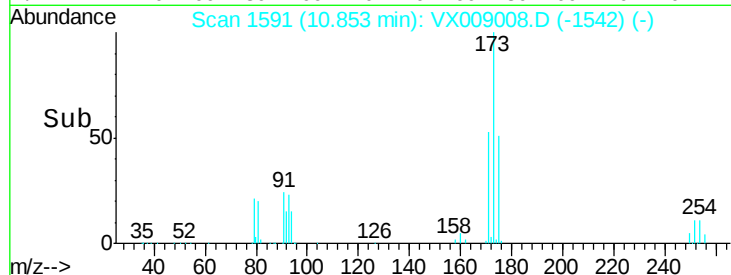
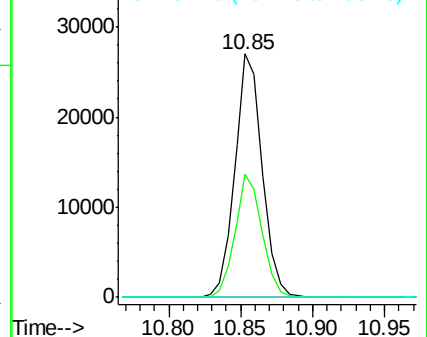
254 0.0 0.2 0.4#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

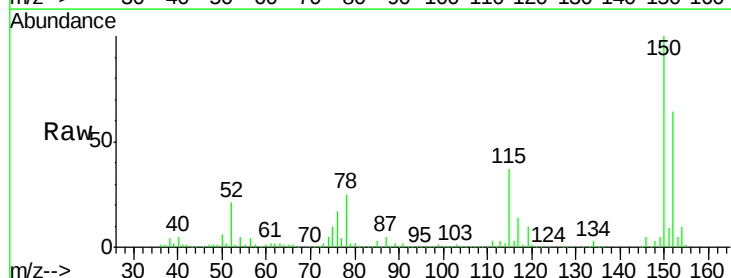
Tgt Ion:152 Resp: 145771

Ion Ratio Lower Upper

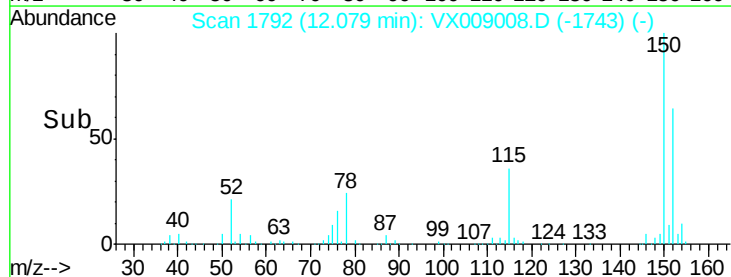
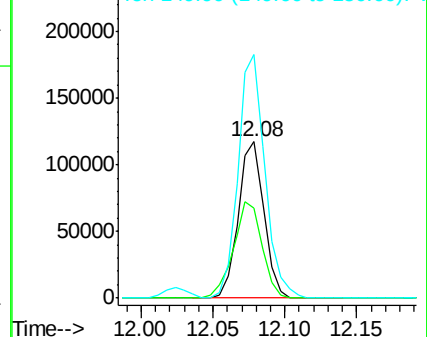
152 100

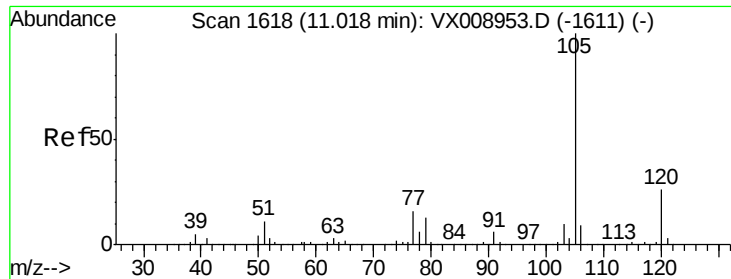
115 68.8 41.4 124.2

150 162.4 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.904 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 105 Resp: 230973

Ion Ratio Lower Upper

105 100

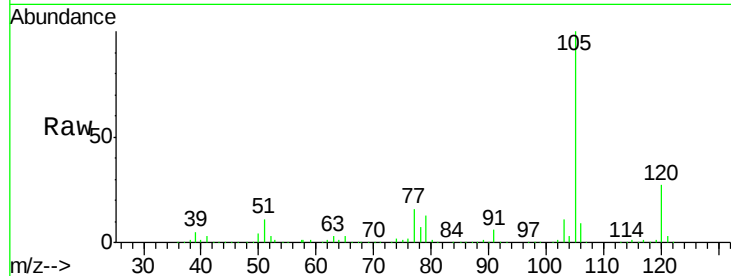
120 25.9 12.9 38.7

Manual Integrations

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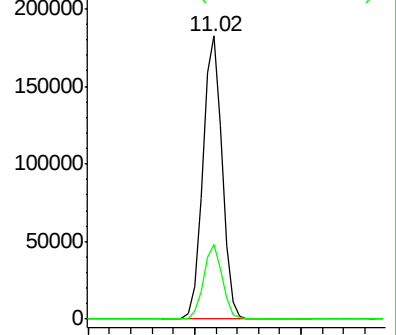
MMDadoda

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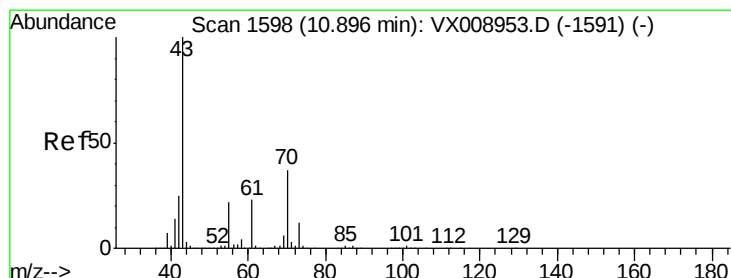
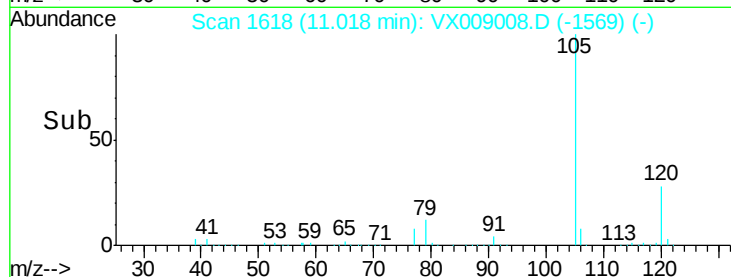


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.471 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion: 43 Resp: 136219

Ion Ratio Lower Upper

43 100

70 37.3 29.9 44.9

55 23.2 17.8 26.8

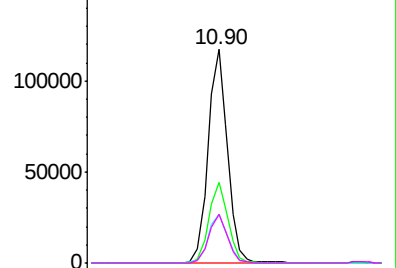
61 22.4 18.3 27.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

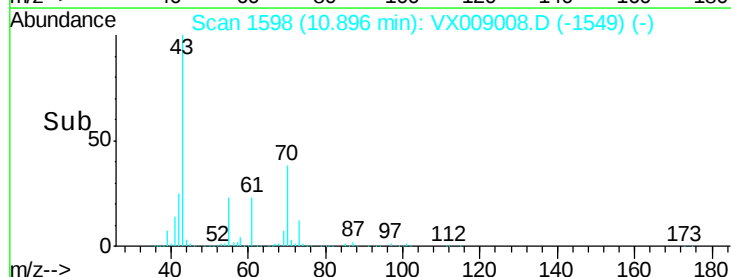
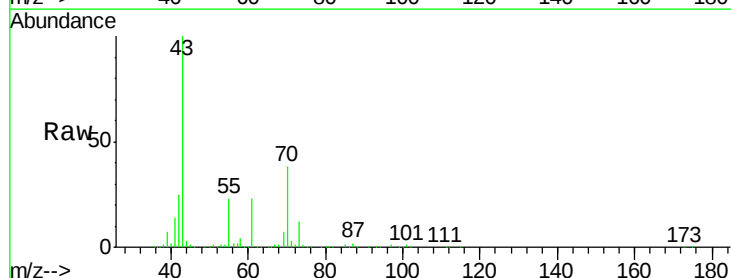
Ion 70.00 (69.70 to 70.70): VX0

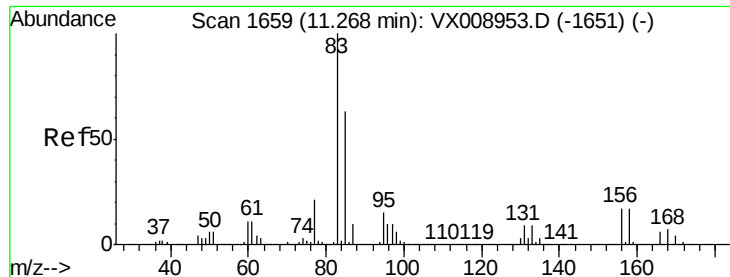
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 21.281 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

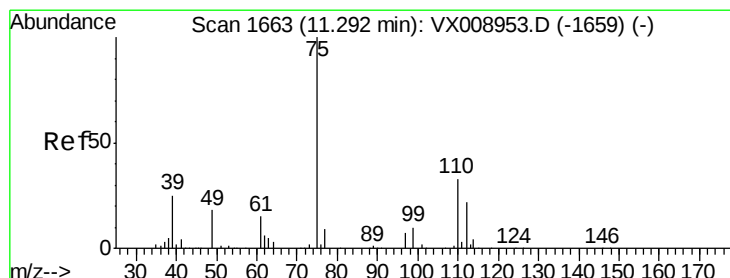
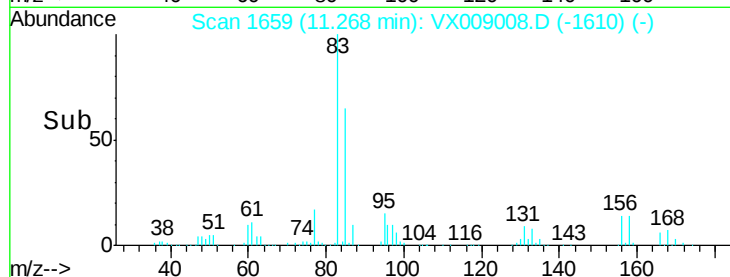
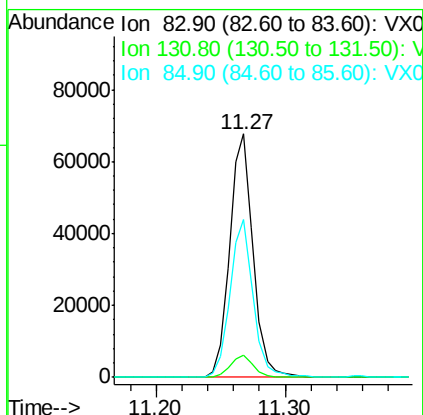
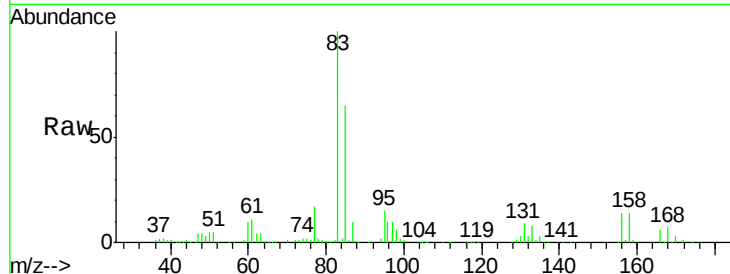
ClientSampleId :

VX0417WBS01

Tot Ion:	83	Resp:	85916
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.7	14.0
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.063 ug/l m

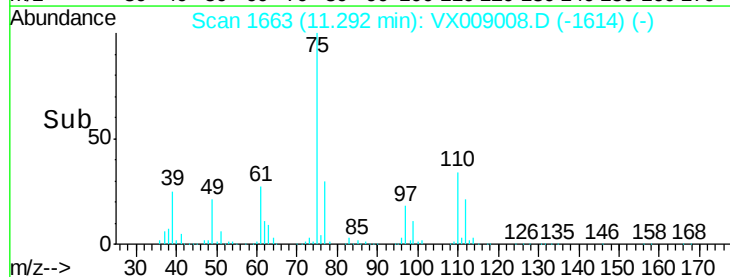
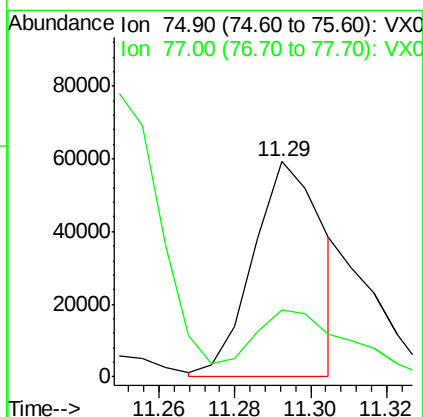
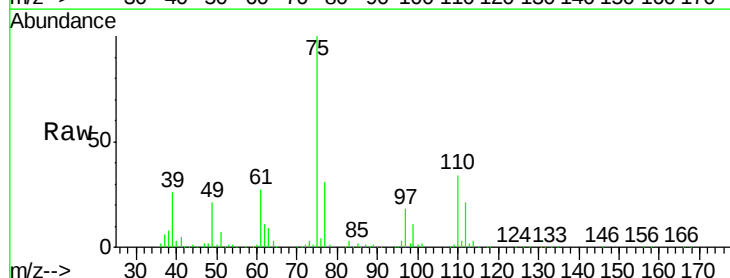
RT: 11.29 min Scan# 1663

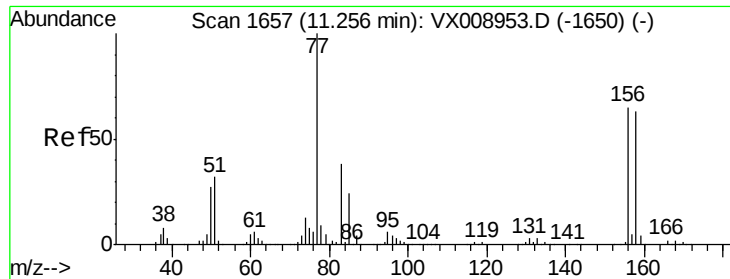
Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion:	75	Resp:	74972
Ion Ratio	Lower	Upper	
75	100		
77	43.1	22.7	68.0





#77

Bromobenzene

Concen: 20.314 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion:156 Resp: 56633

Ion Ratio Lower Upper

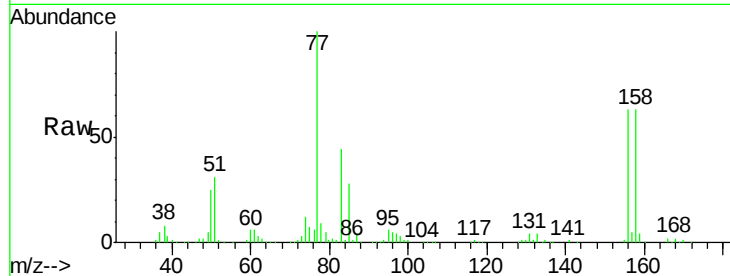
156 100

77 173.8 85.4 256.1

158 97.3 48.8 146.4

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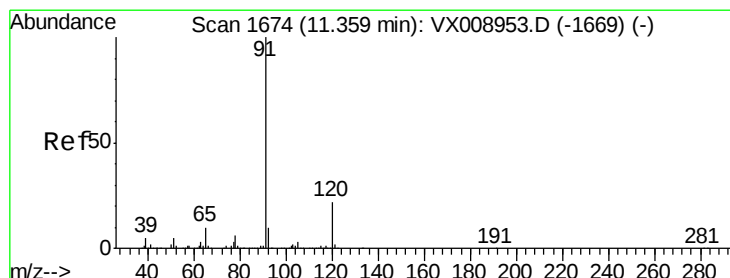
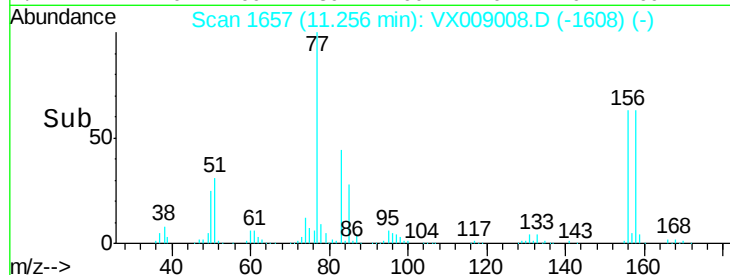
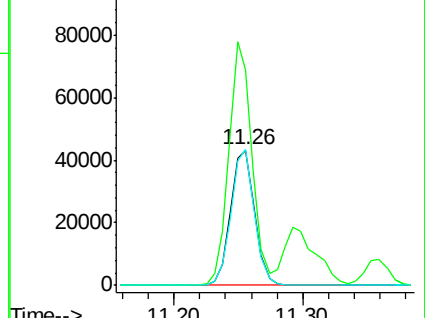
MMDadoda
4/18/2019 10:16:01 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.845 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009008.D

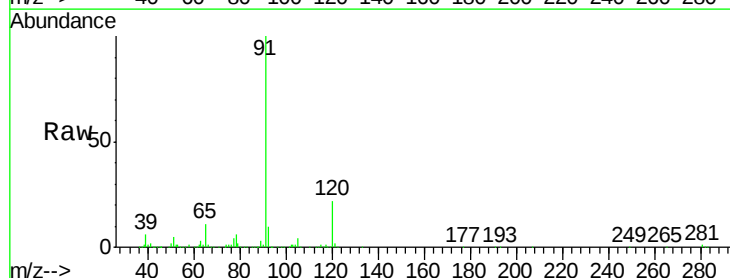
Acq: 17 Apr 2019 12:41

Tgt Ion: 91 Resp: 264356

Ion Ratio Lower Upper

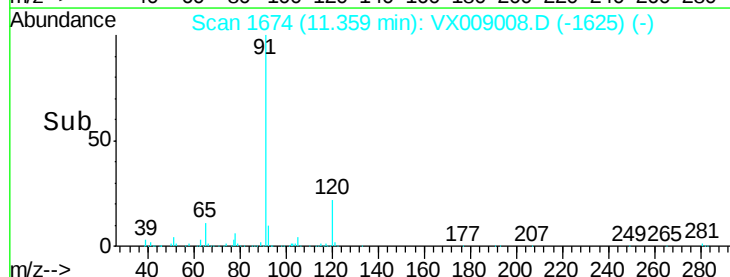
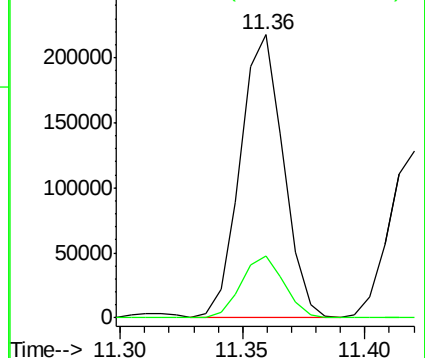
91 100

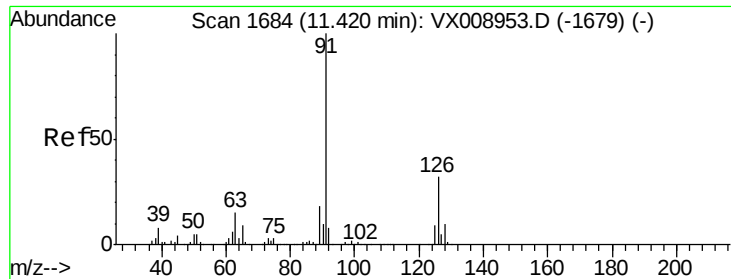
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.763 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 91 Resp: 158677

Ion Ratio Lower Upper

91 100

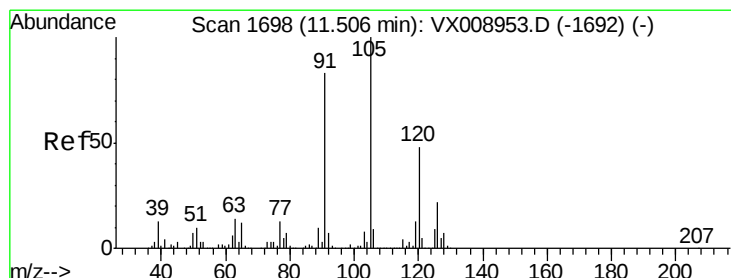
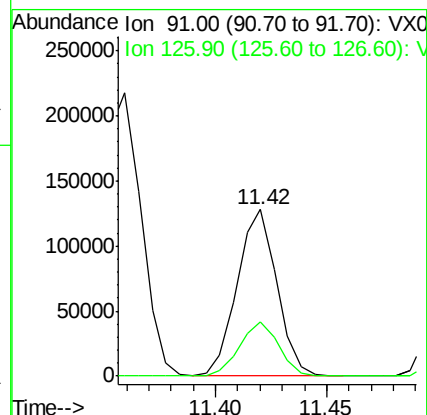
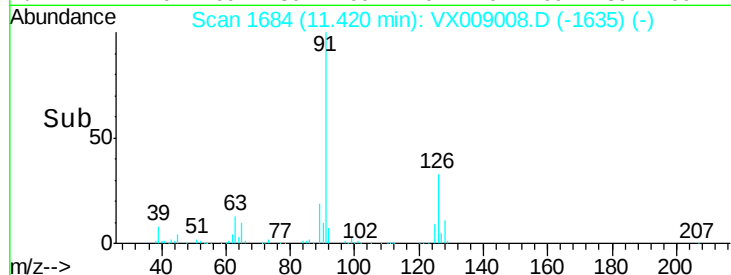
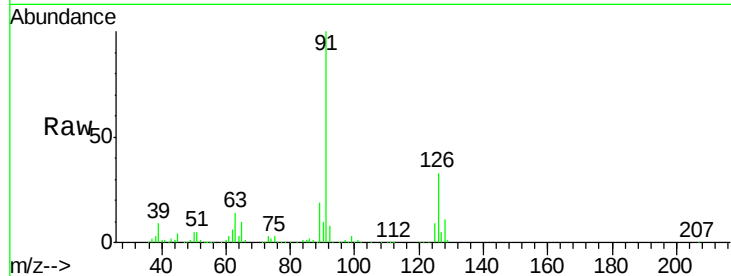
126 32.5 16.3 48.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.897 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009008.D

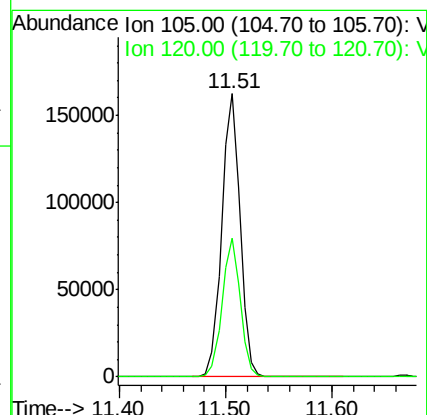
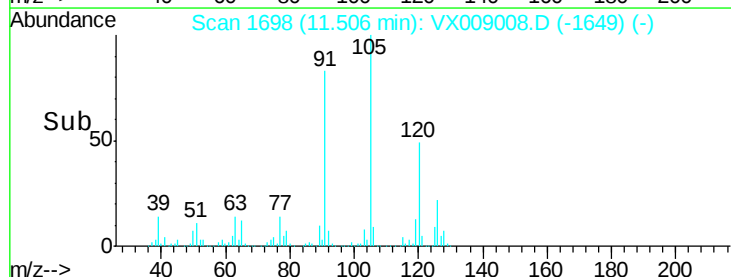
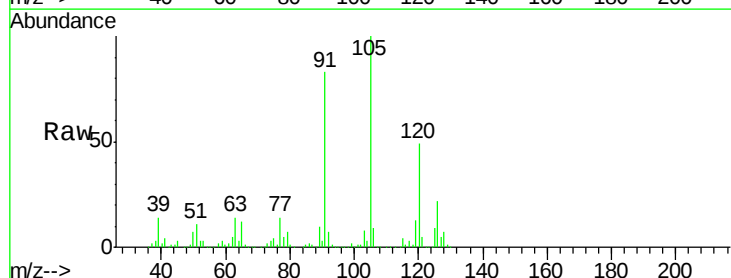
Acq: 17 Apr 2019 12:41

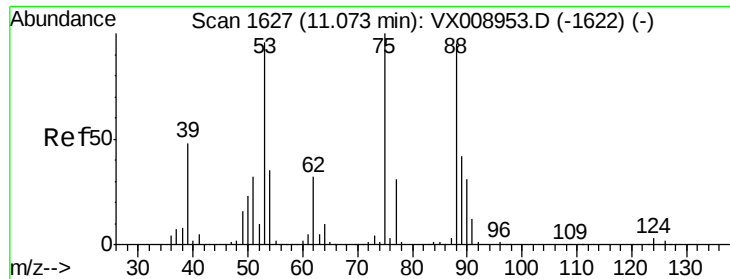
Tgt Ion: 105 Resp: 193755

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.569 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion: 75 Resp: 27132

Ion Ratio Lower Upper

75 100

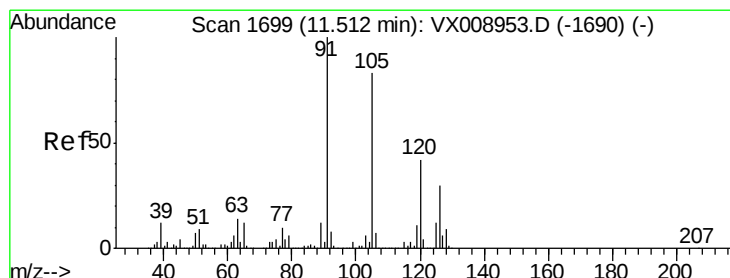
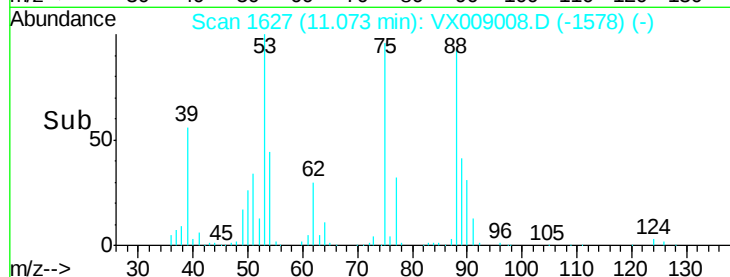
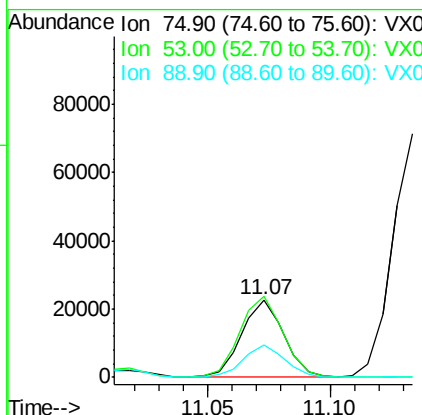
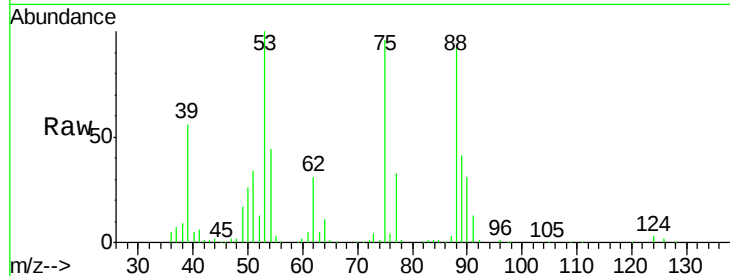
53 106.0 78.2 117.4

89 41.9 36.0 54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.384 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009008.D

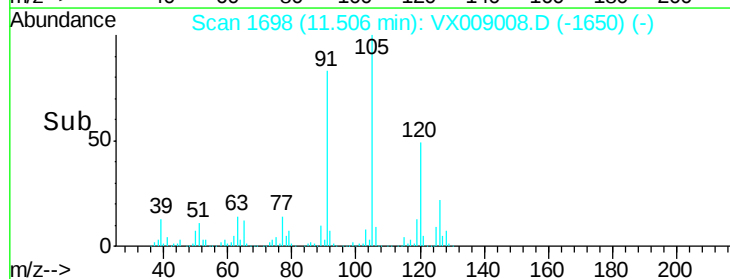
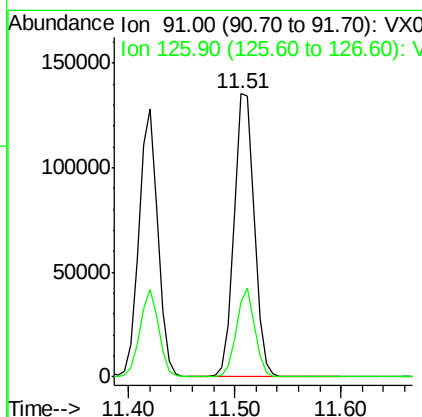
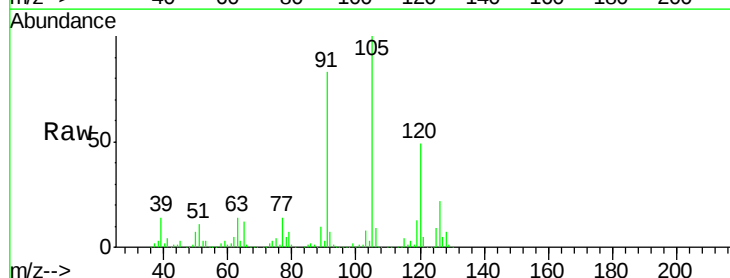
Acq: 17 Apr 2019 12:41

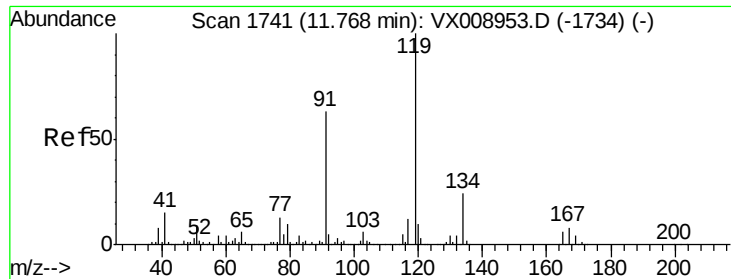
Tgt Ion: 91 Resp: 180919

Ion Ratio Lower Upper

91 100

126 28.8 14.3 42.9





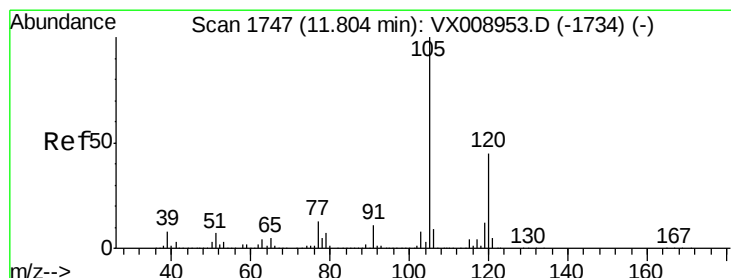
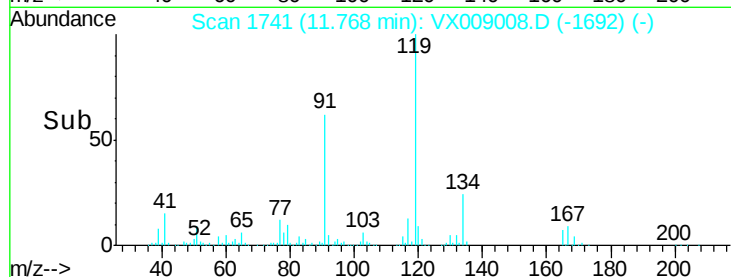
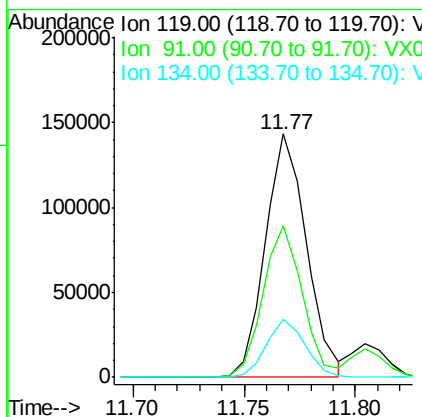
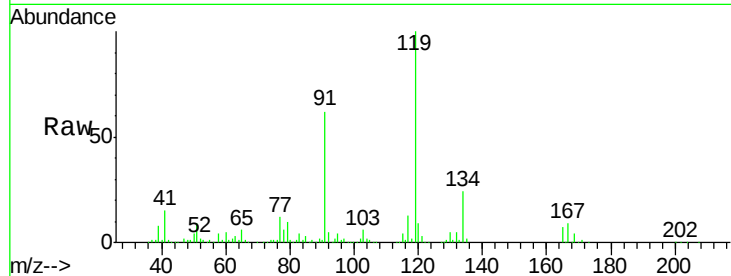
#83
tert-Butylbenzene
Concen: 20.694 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184214		
91	59.9	29.7	89.1	
134	22.7	11.2	33.5	

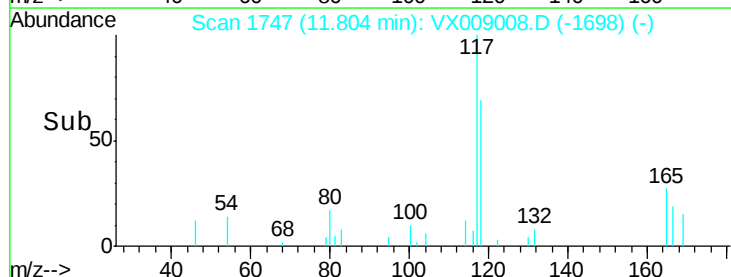
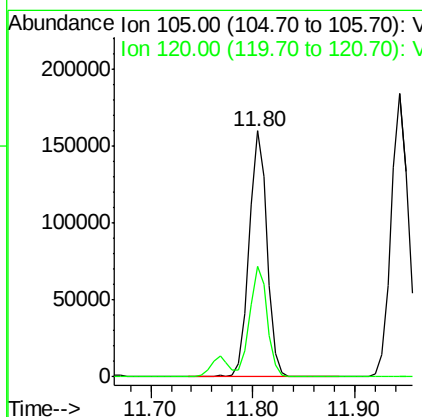
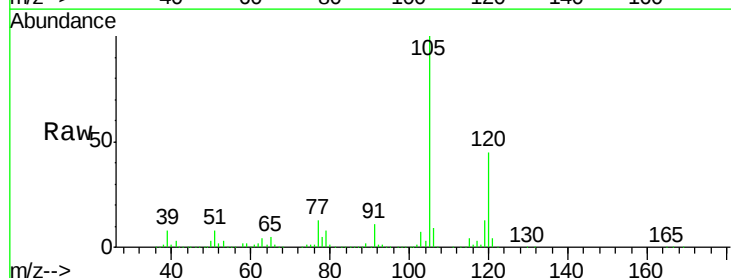
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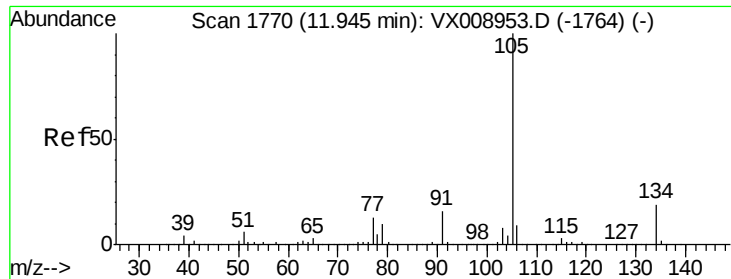
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.761 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195944		
120	43.5	21.9	65.8	





#85

sec-Butylbenzene

Concen: 20.728 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS01

Tot Ion:105 Resp: 220077

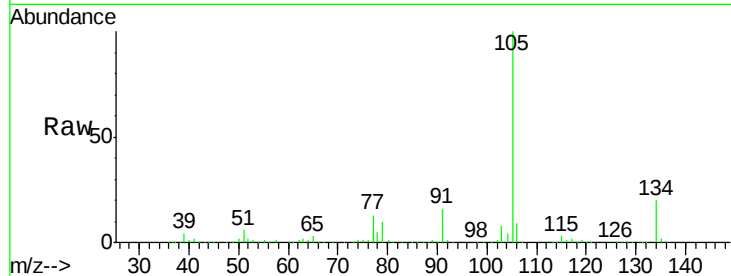
Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6

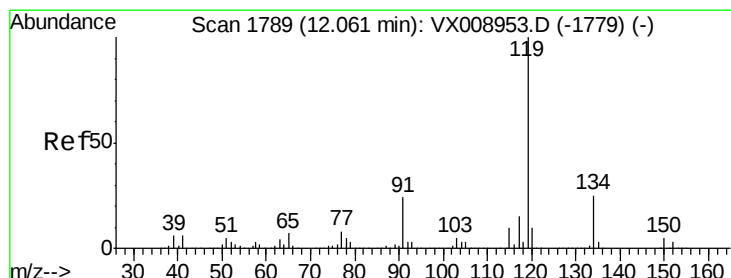
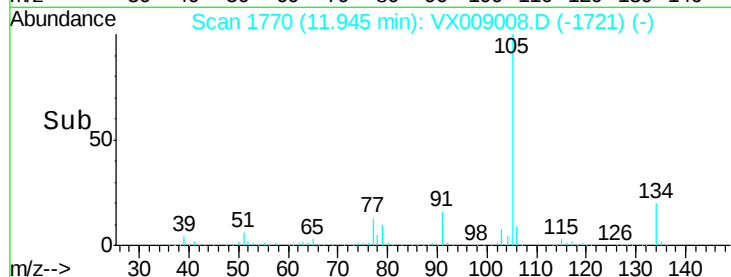
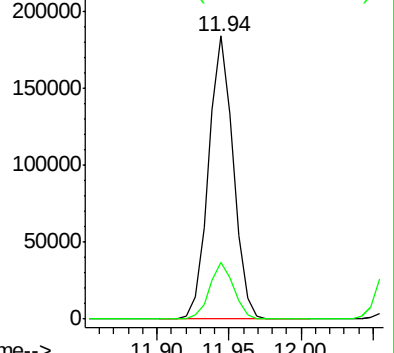
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.476 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

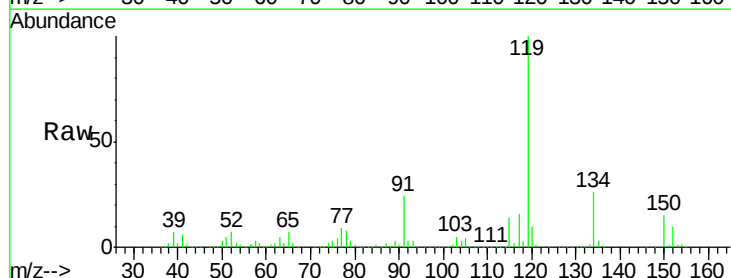
Tgt Ion:119 Resp: 199872

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

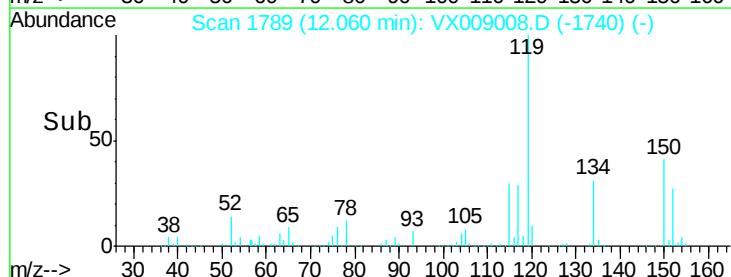
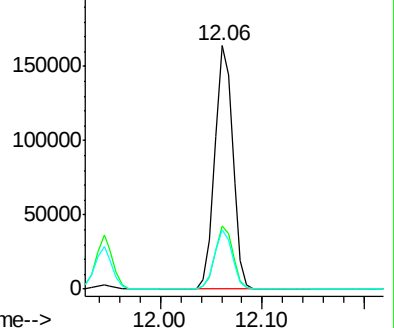
91 24.1 11.9 35.5

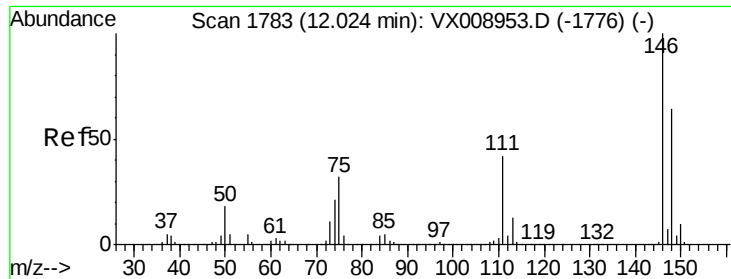


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





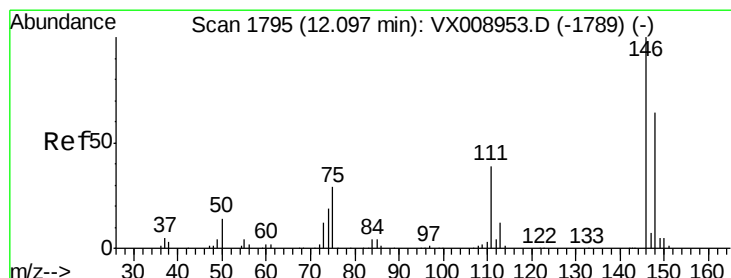
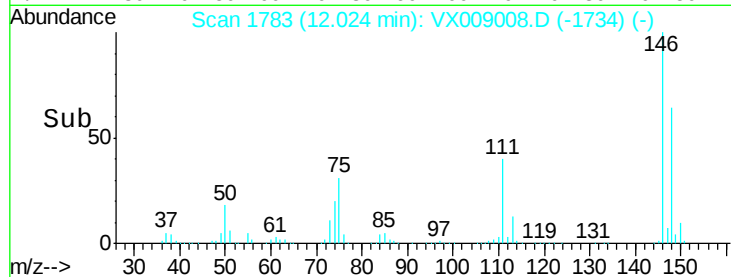
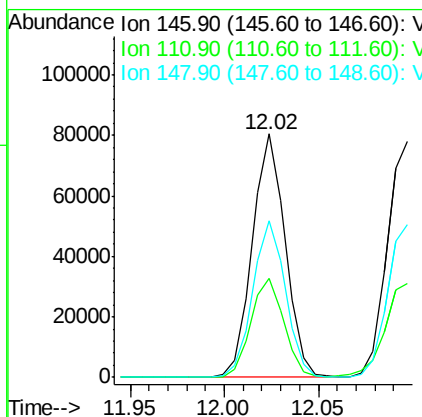
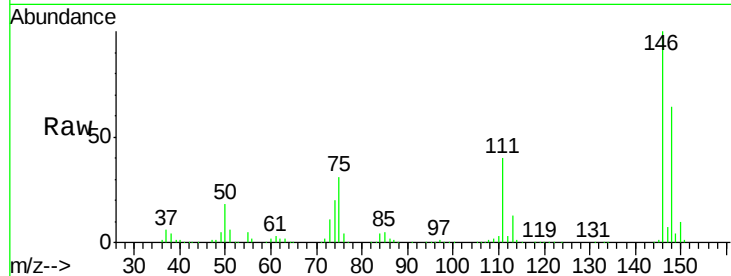
#87
 1,3-Dichlorobenzene
 Concen: 19.983 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.6
148	63.8	32.2	96.6

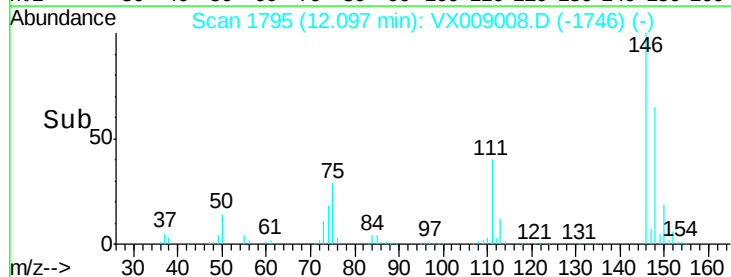
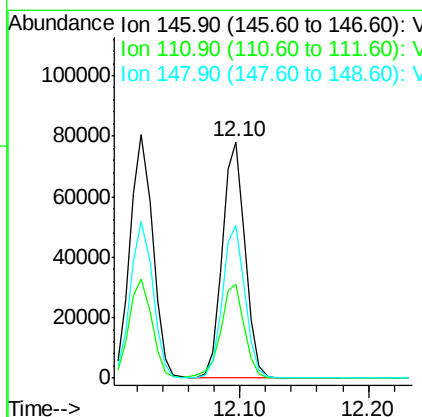
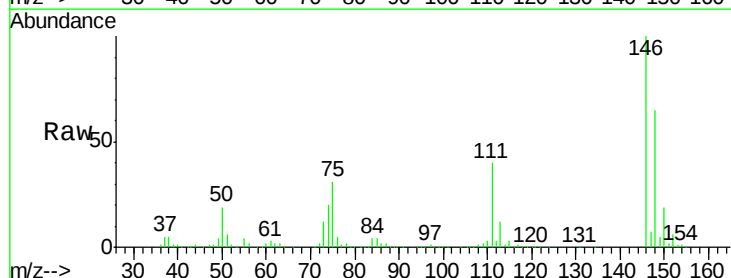
Manual Integrations
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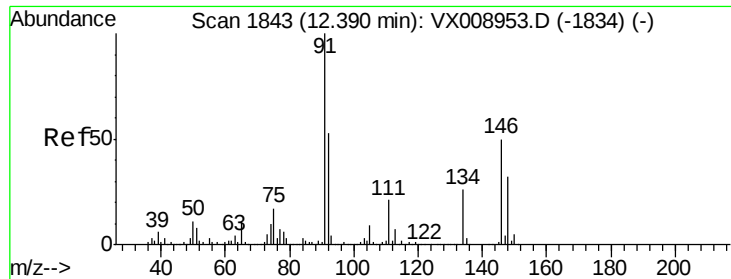
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#88
 1,4-Dichlorobenzene
 Concen: 19.684 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	59.9
148	64.5	32.2	96.6





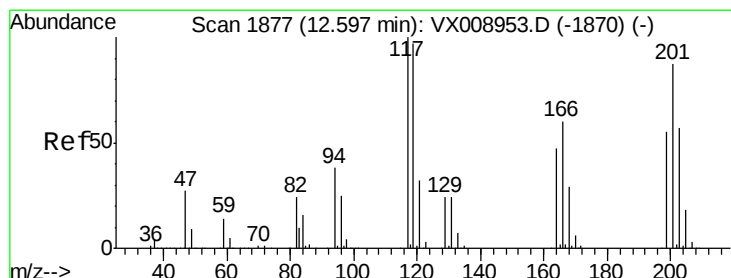
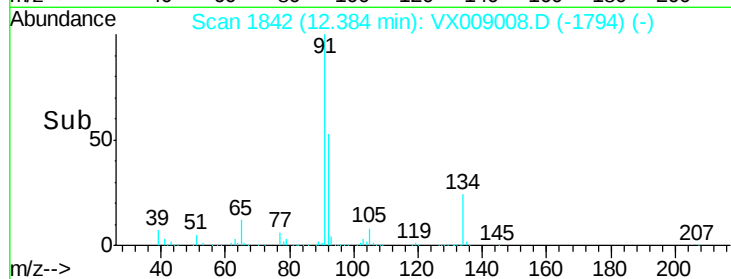
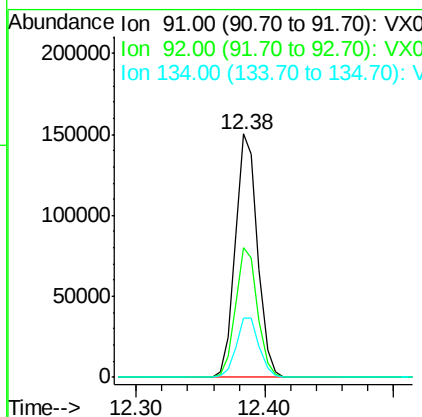
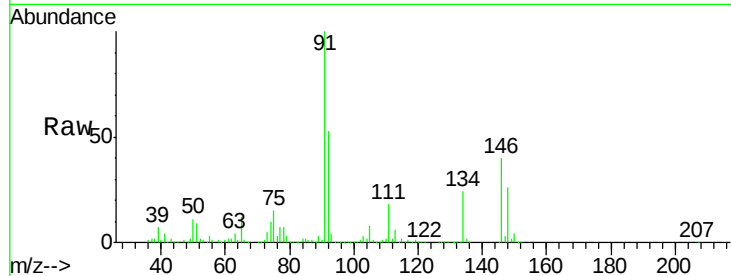
#89
n-Butylbenzene
Concen: 19.857 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	24.9	12.4	37.2

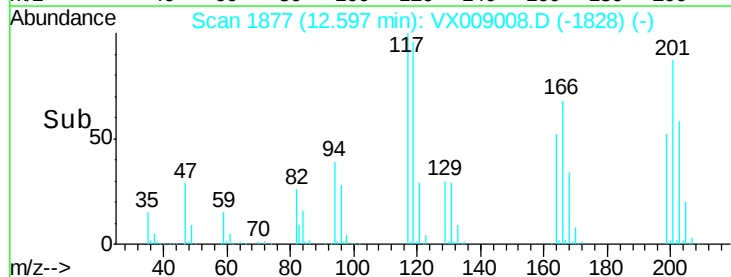
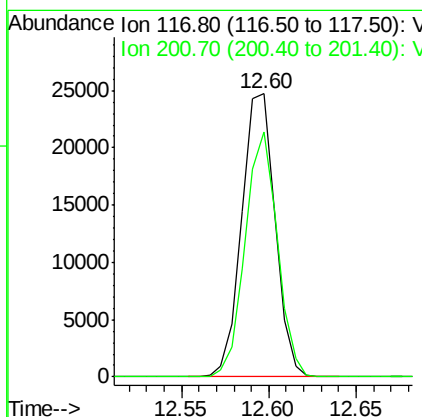
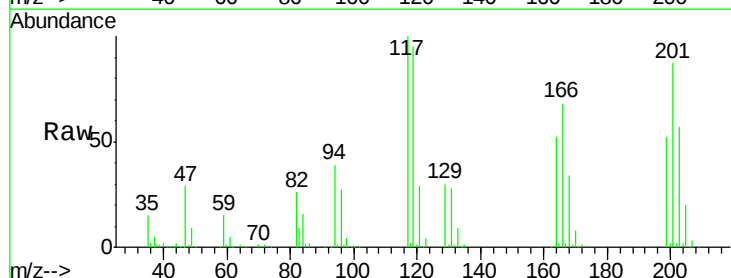
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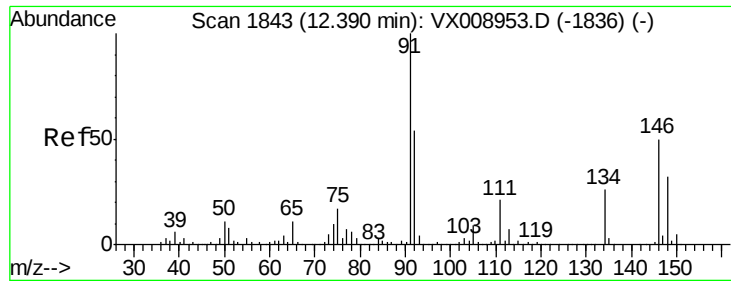
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#90
Hexachloroethane
Concen: 20.450 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	43.0	129.0





#91

1,2-Dichlorobenzene

Concen: 20.331 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Instrument :

MSVOA_X

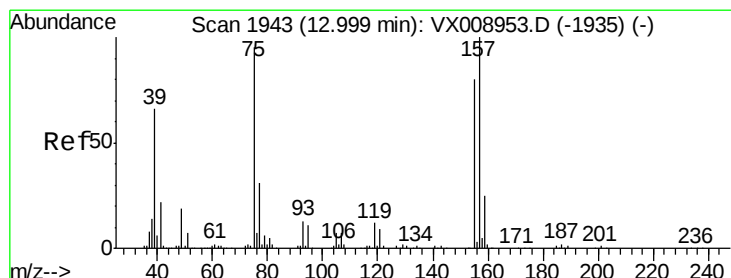
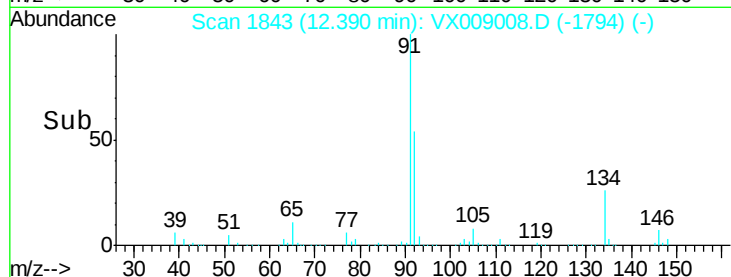
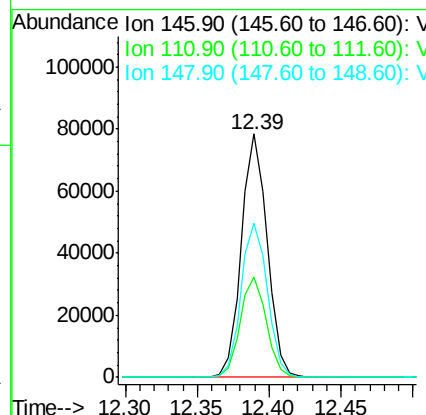
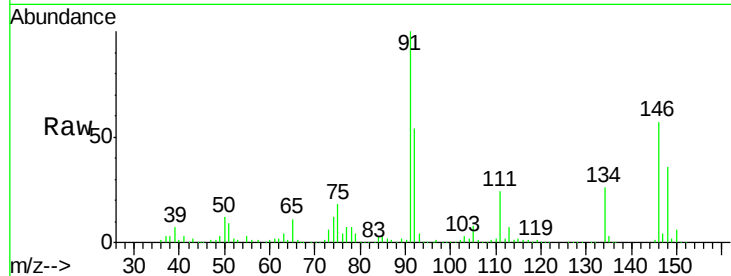
ClientSampleId :

VX0417WBS01

Tot Ion:	146	Resp:	97957
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.6	61.9
148	64.8	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.384 ug/l

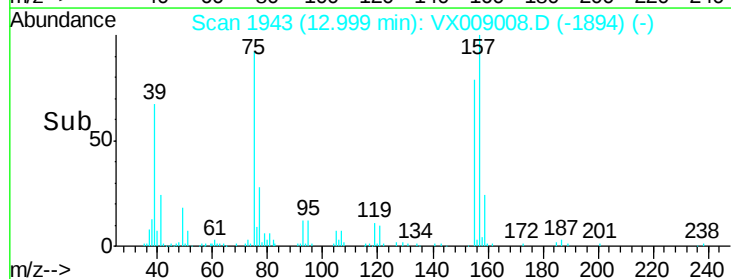
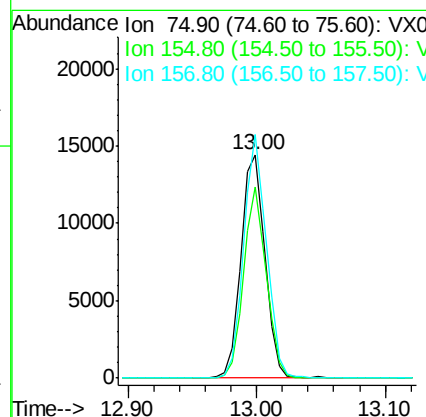
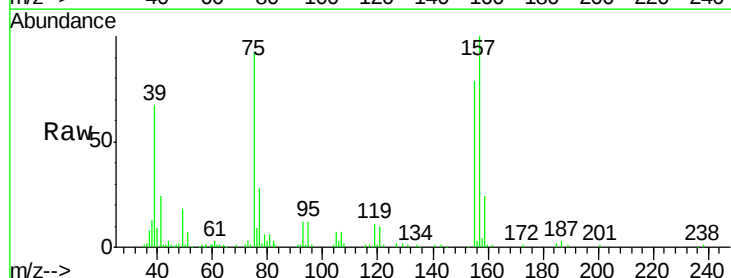
RT: 13.00 min Scan# 1943

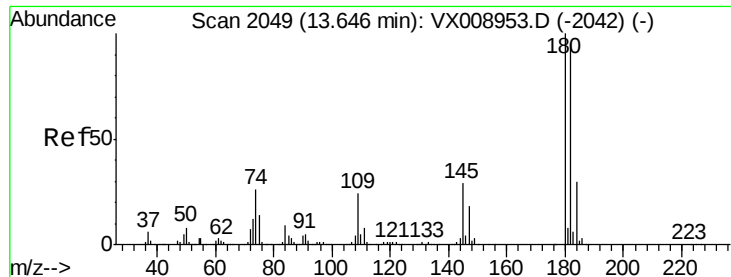
Delta R.T. -0.00 min

Lab File: VX009008.D

Acq: 17 Apr 2019 12:41

Tgt Ion:	75	Resp:	18737
Ion Ratio	Lower	Upper	
75	100		
155	79.8	41.2	123.6
157	102.7	52.5	157.6





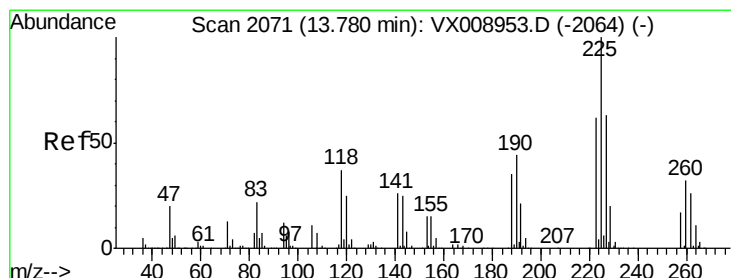
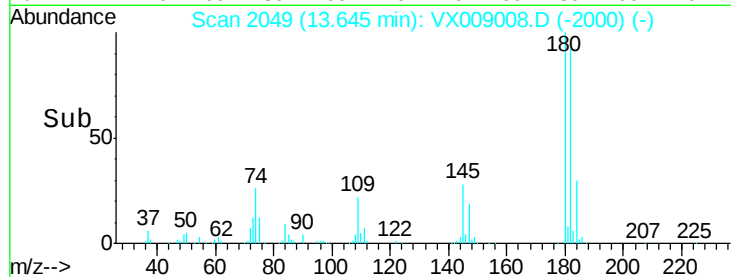
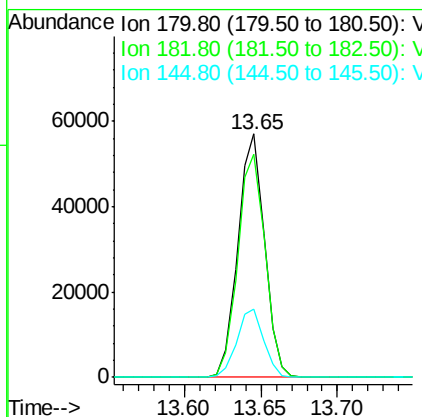
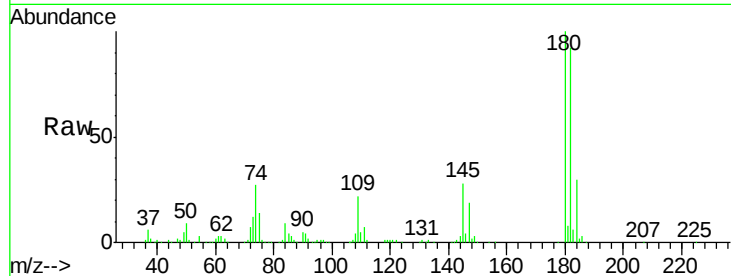
#93
 1,2,4-Trichlorobenzene
 Concen: 19.753 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Tot Ion:	180	Resp:	68703
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.6	142.9
145	28.2	14.8	44.4

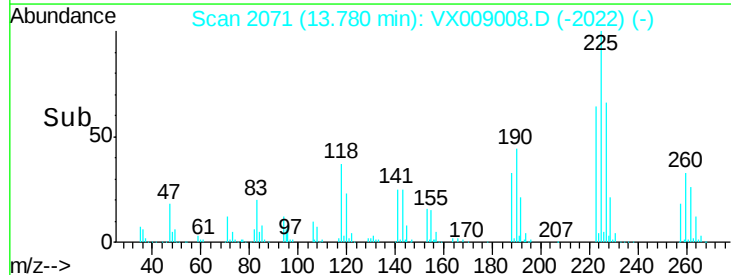
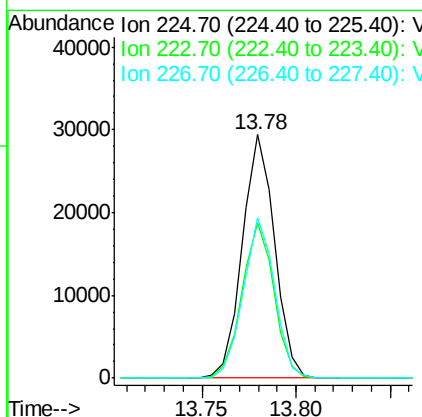
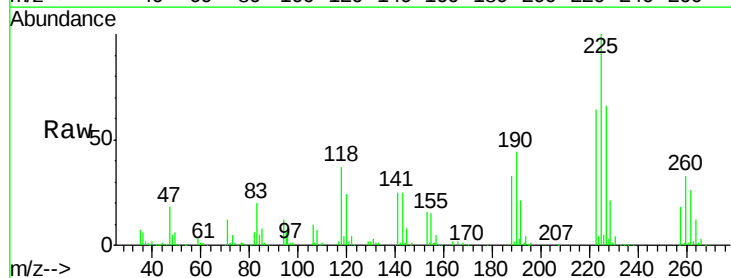
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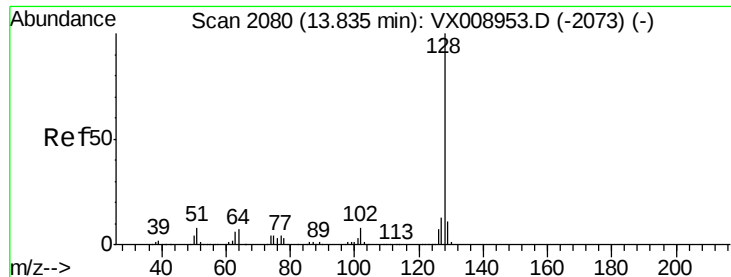
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#94
 Hexachlorobutadiene
 Concen: 20.098 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009008.D
 Acq: 17 Apr 2019 12:41

Tgt Ion:	225	Resp:	34863
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.1	93.2
227	64.2	32.0	96.2





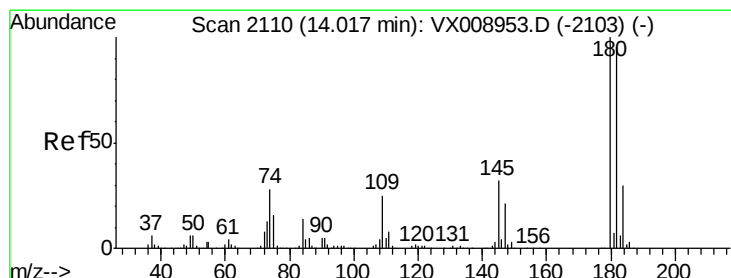
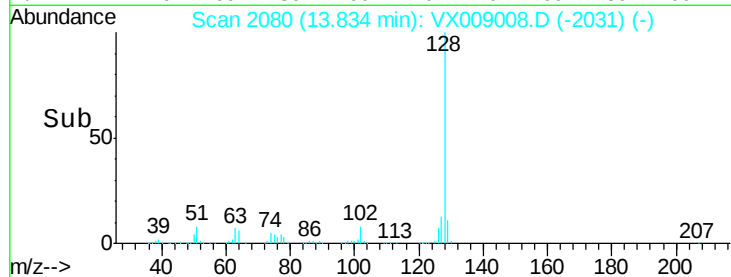
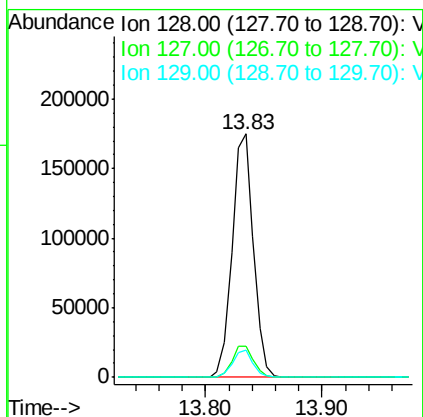
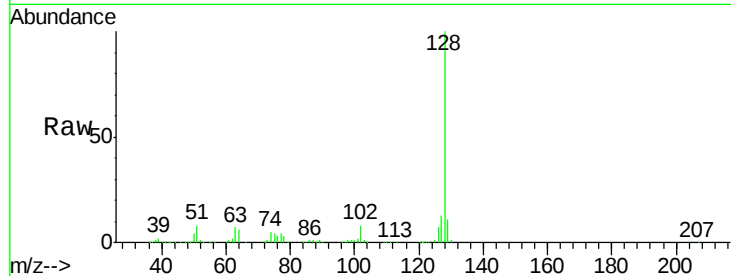
#95
Naphthalene
Concen: 19.956 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.677 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009008.D
Acq: 17 Apr 2019 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.4
145	31.6	15.8	47.3

