

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008979.D
 Acq On : 16 Apr 2019 11:59
 Operator : JC/SP
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:52 AM

Quant Time: Apr 17 05:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	346786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148472	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.50	113	109000	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.71	98	453758	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	160783	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	54646	22.025	ug/l 100
3) Chloromethane	1.32	50	66632	21.875	ug/l 98
4) Vinyl Chloride	1.41	62	61553	20.762	ug/l 97
5) Bromomethane	1.64	94	34570	21.036	ug/l 99
6) Chloroethane	1.72	64	37219	21.350	ug/l 96
7) Trichlorofluoromethane	1.93	101	69354	20.037	ug/l 98
8) Diethyl Ether	2.18	74	32320	20.417	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43929	19.849	ug/l 100
10) Methyl Iodide	2.51	142	45043	21.386	ug/l 100
11) Tert butyl alcohol	3.04	59	71813	106.572	ug/l 100
12) 1,1-Dichloroethene	2.37	96	45803	19.828	ug/l 99
13) Acrolein	2.29	56	52920	90.892	ug/l 100
14) Allyl chloride	2.73	41	104273	20.690	ug/l 99
15) Acrylonitrile	3.14	53	179274	104.805	ug/l 100
16) Acetone	2.44	43	157336	99.944	ug/l 99
17) Carbon Disulfide	2.57	76	133668	20.451	ug/l 99
18) Methyl Acetate	2.77	43	77982	19.848	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	169017	20.535	ug/l 100
20) Methylene Chloride	2.85	84	53879	20.013	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	48736	19.780	ug/l 99
22) Diisopropyl ether	3.85	45	206034	21.039	ug/l 96
23) Vinyl Acetate	3.81	43	912189	105.964	ug/l 98
24) 1,1-Dichloroethane	3.70	63	99085	20.156	ug/l 99
25) 2-Butanone	4.67	43	262437	104.293	ug/l 98
26) 2,2-Dichloropropane	4.58	77	72869	19.775	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	56359	20.147	ug/l 100
28) Bromochloromethane	5.01	49	44319	20.569	ug/l 100
29) Tetrahydrofuran	5.13	42	174569	103.649	ug/l 99
30) Chloroform	5.21	83	89698	20.390	ug/l 98
31) Cyclohexane	5.58	56	98868	20.448	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	74663	20.478	ug/l 99
36) 1,1-Dichloropropene	5.80	75	69932	19.499	ug/l 100
37) Ethyl Acetate	4.84	43	95322	20.655	ug/l 98
38) Carbon Tetrachloride	5.79	117	61561	20.247	ug/l 96

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 Acq On : 16 Apr 2019 11:59
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 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:52 AM

Quant Time: Apr 17 05:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88197	20.197	ug/l	99
40) Benzene	6.14	78	215085	20.328	ug/l	99
41) Methacrylonitrile	5.04	41	55470	20.942	ug/l	97
42) 1,2-Dichloroethane	6.19	62	77122	20.577	ug/l	99
43) Isopropyl Acetate	6.44	43	153673	20.663	ug/l	99
44) Trichloroethene	7.21	130	51130	19.723	ug/l	96
45) 1,2-Dichloropropane	7.51	63	61233	20.861	ug/l	97
46) Dibromomethane	7.66	93	34729	20.330	ug/l	98
47) Bromodichloromethane	7.90	83	66856	19.954	ug/l	98
48) Methyl methacrylate	7.77	41	77396	21.061	ug/l	99
49) 1,4-Dioxane	7.74	88	29336	426.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	509588	107.553	ug/l	100
52) Toluene	8.78	92	131117	20.677	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	78469	20.350	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	86796	20.103	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	52155	20.753	ug/l	98
56) Ethyl methacrylate	9.18	69	95430	21.177	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93164	20.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	244239	100.648	ug/l	99
59) 2-Hexanone	9.49	43	395316	108.219	ug/l	99
60) Dibromochloromethane	9.58	129	49382	20.502	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53498	20.625	ug/l	99
64) Tetrachloroethene	9.34	164	48038	20.467	ug/l	98
65) Chlorobenzene	10.13	112	133495	20.471	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	47106	20.505	ug/l	98
67) Ethyl Benzene	10.25	91	245930	20.630	ug/l	99
68) m/p-Xylenes	10.36	106	178453	41.191	ug/l	99
69) o-Xylene	10.69	106	87268	20.702	ug/l	99
70) Styrene	10.71	104	151396	20.725	ug/l	99
71) Bromoform	10.85	173	36210	19.784	ug/l #	96
73) Isopropylbenzene	11.02	105	233290	21.051	ug/l	100
74) N-amyl acetate	10.90	43	134891	21.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83845	20.706	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	74606m	20.898	ug/l	
77) Bromobenzene	11.26	156	57275	20.484	ug/l	99
78) n-propylbenzene	11.36	91	265584	20.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	160288	20.912	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	195139	20.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27556	19.816	ug/l	93
82) 4-Chlorotoluene	11.51	91	183152	20.574	ug/l	100
83) tert-Butylbenzene	11.77	119	183389	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	196096	20.715	ug/l	99
85) sec-Butylbenzene	11.94	105	221261	20.778	ug/l	100
86) p-Isopropyltoluene	12.06	119	202291	20.662	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	98420	20.111	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	98403	19.836	ug/l	99
89) n-Butylbenzene	12.38	91	184170	20.199	ug/l	100
90) Hexachloroethane	12.60	117	31851	19.723	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	97928	20.264	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18083	19.614	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
Data File : VX008979.D
Acq On : 16 Apr 2019 11:59
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Sample : VX0416WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

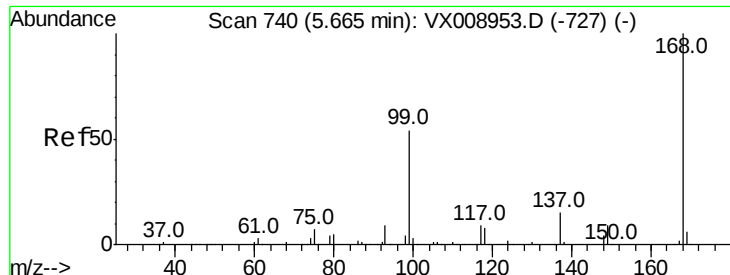
Manual Integrations
APPROVED

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4/17/2019 9:58:52 AM

Quant Time: Apr 17 05:04:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68654	19.680	ug/l	99
94) Hexachlorobutadiene	13.78	225	35187	20.224	ug/l	99
95) Naphthalene	13.83	128	221863	19.851	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67623	19.647	ug/l	100

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



#1

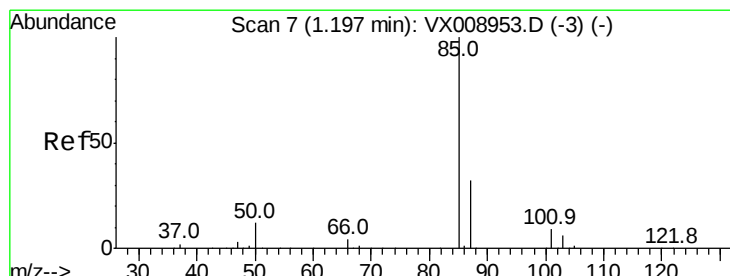
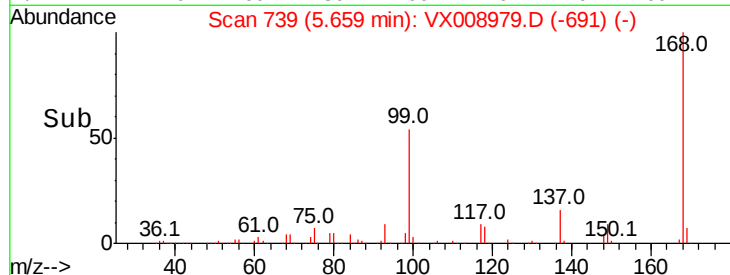
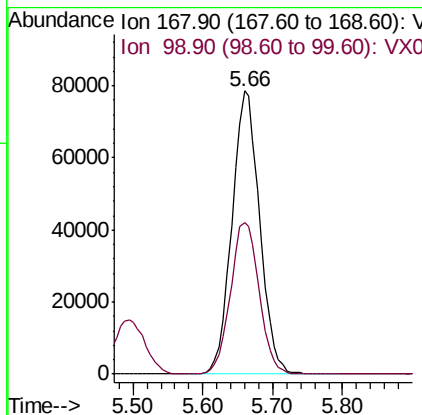
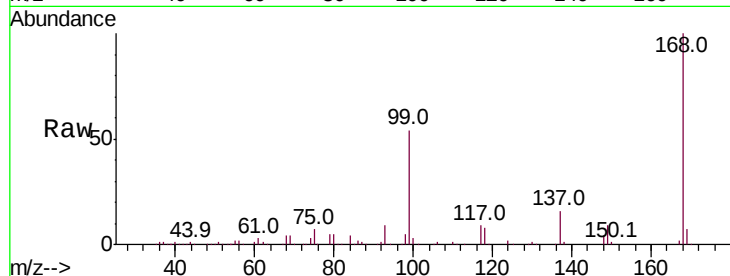
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	215408		
99	53.6	43.0	64.6	

Manual Integrations
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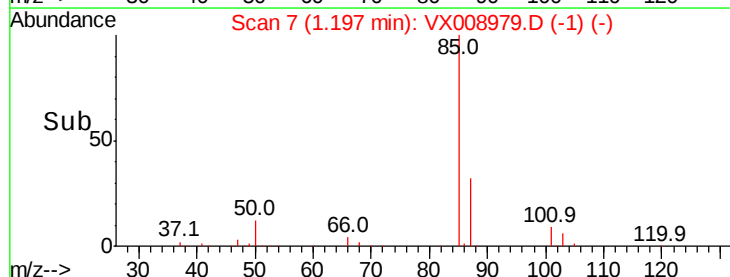
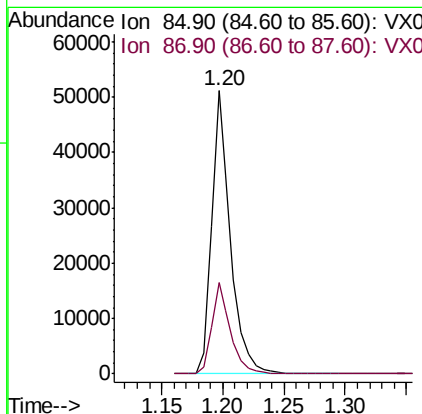
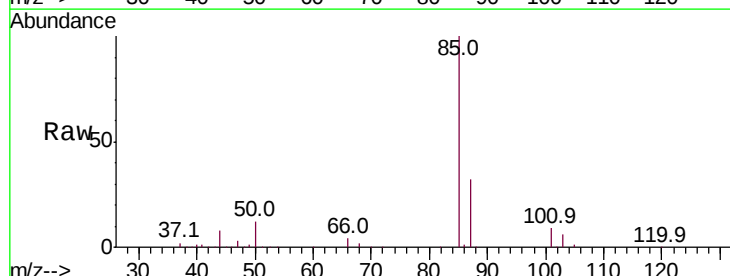
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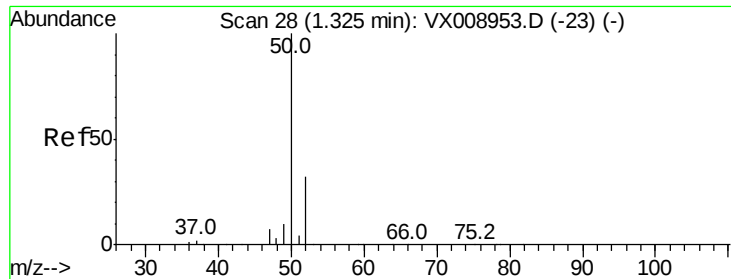


#2

Dichlorodifluoromethane
 Concen: 22.025 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	54646		
87	32.1	16.0	47.9	





#3

Chloromethane

Concen: 21.875 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 50 Resp: 66632

Ion Ratio Lower Upper

50 100

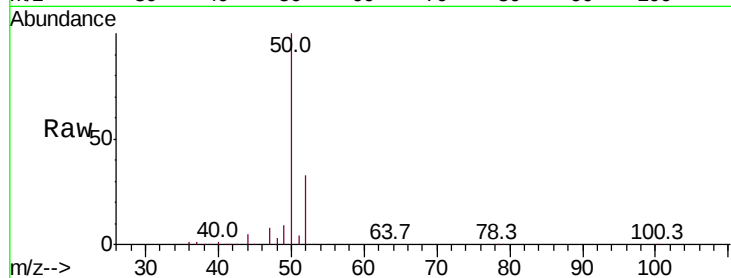
52 33.0 25.5 38.3

Manual Integrations

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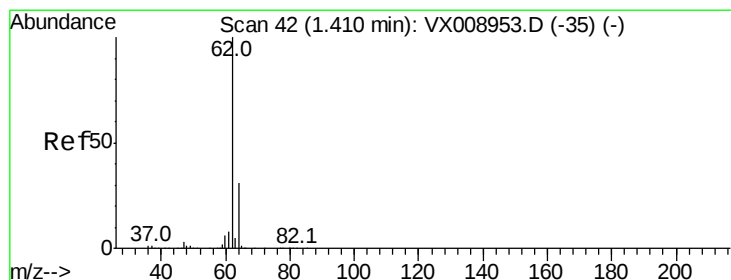
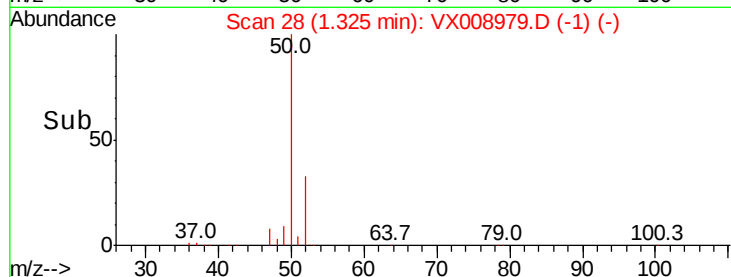
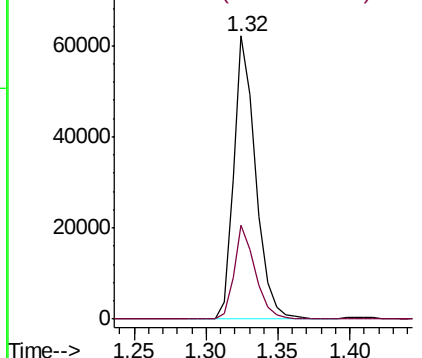
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.762 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008979.D

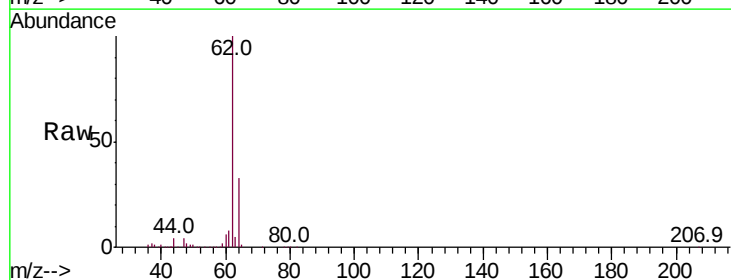
Acq: 16 Apr 2019 11:59

Tgt Ion: 62 Resp: 61553

Ion Ratio Lower Upper

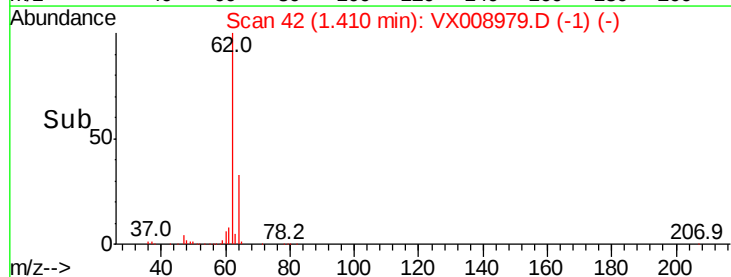
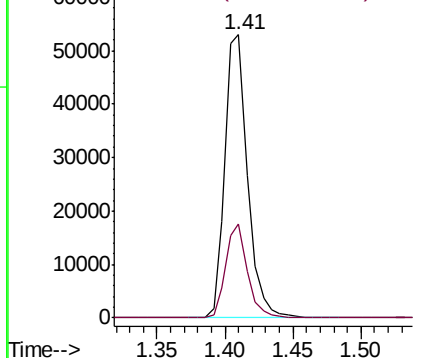
62 100

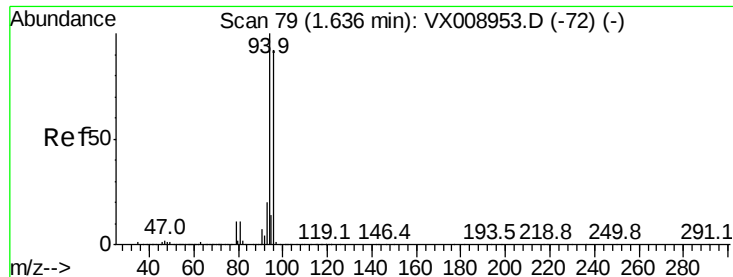
64 32.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.036 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 94 Resp: 34570

Ion Ratio Lower Upper

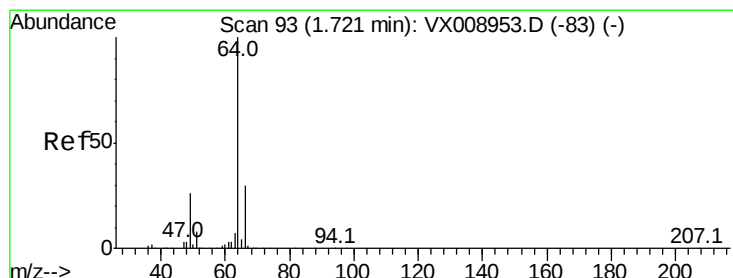
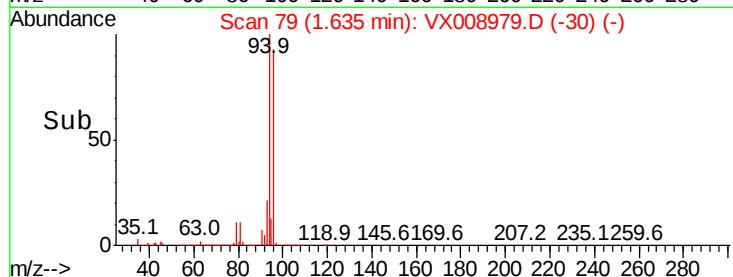
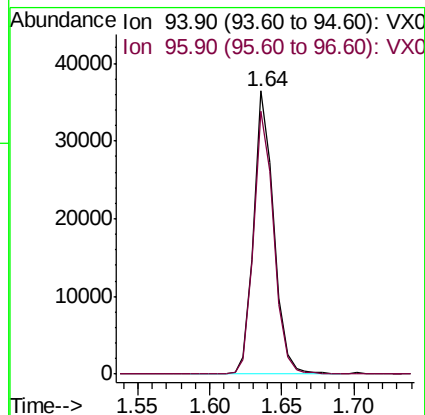
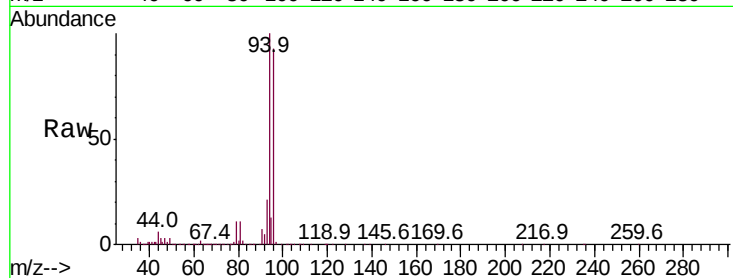
94 100

96 93.0 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 21.350 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008979.D

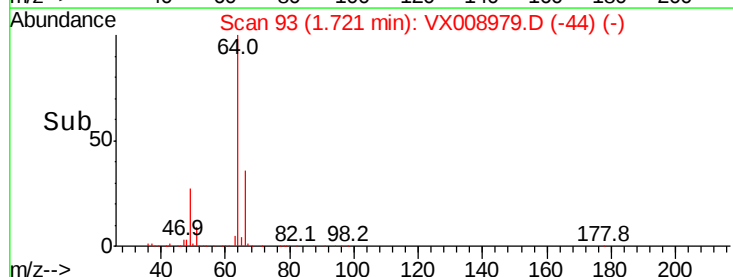
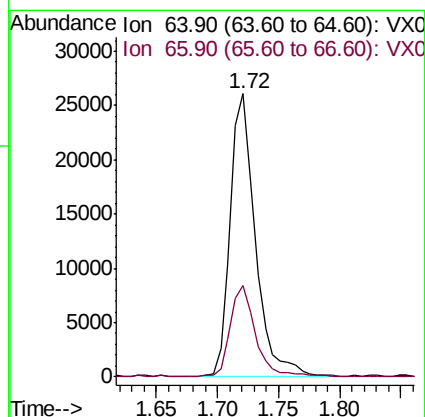
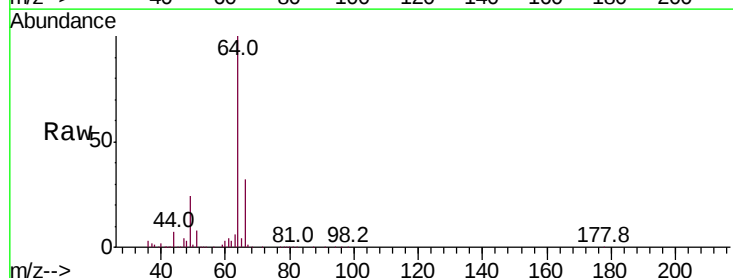
Acq: 16 Apr 2019 11:59

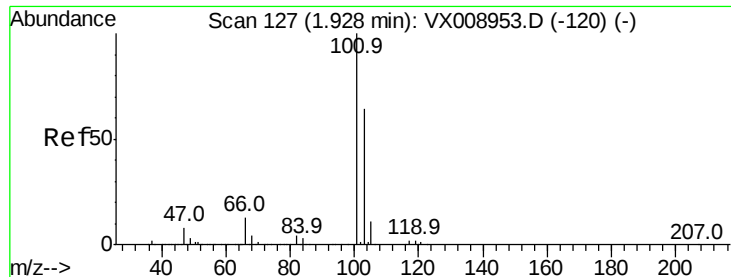
Tgt Ion: 64 Resp: 37219

Ion Ratio Lower Upper

64 100

66 32.1 24.2 36.2





#7

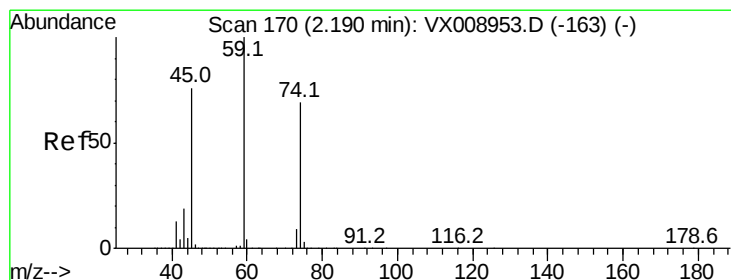
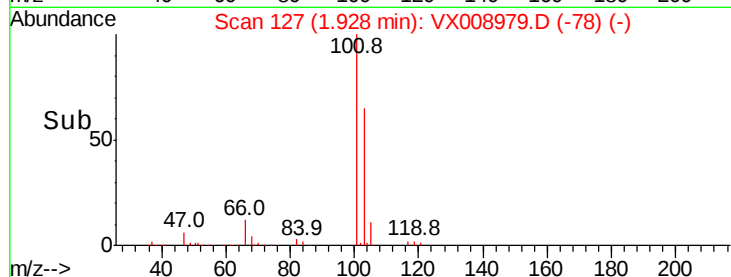
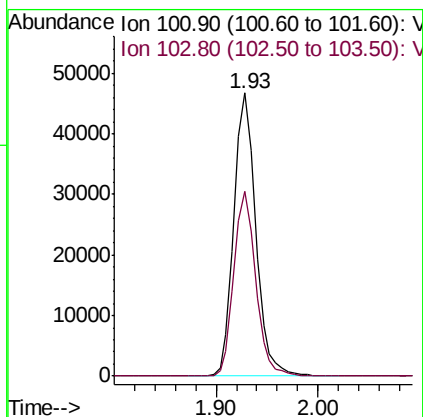
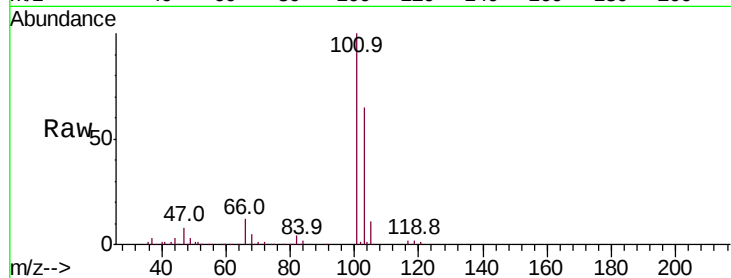
Trichlorofluoromethane
 Concen: 20.037 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.0	76.6

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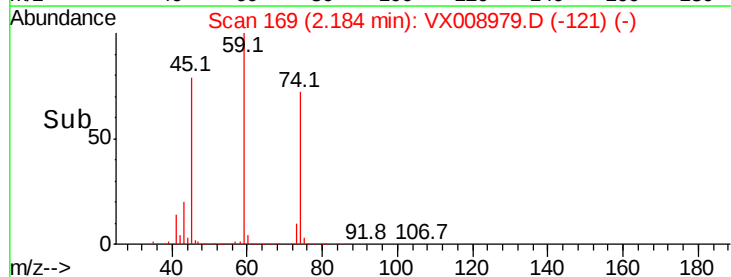
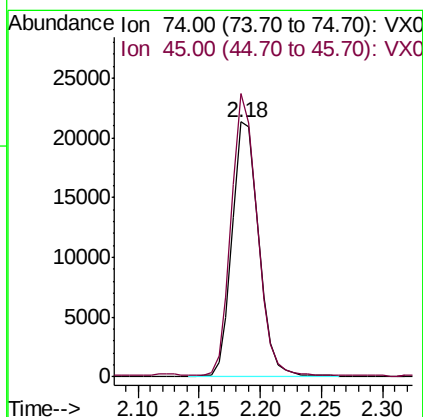
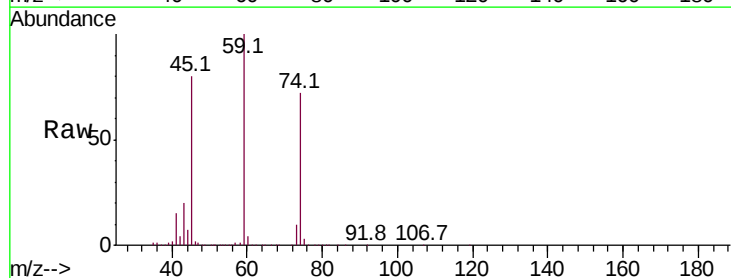
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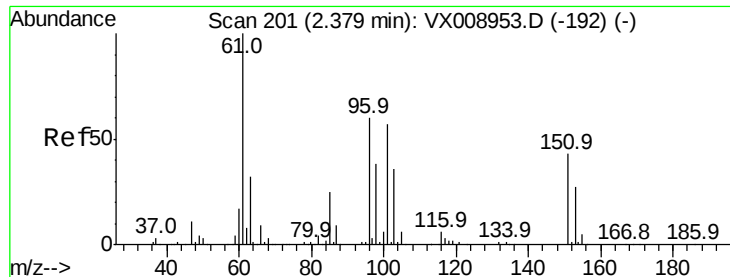


#8

Diethyl Ether
 Concen: 20.417 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.849 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:101 Resp: 43929

Ion Ratio Lower Upper

101 100

85 44.7 35.7 53.5

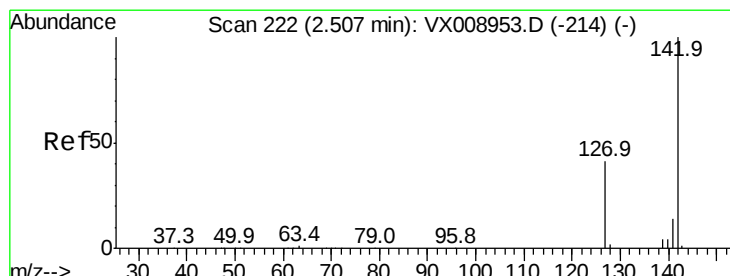
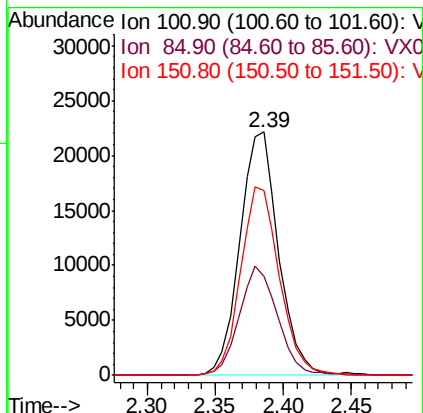
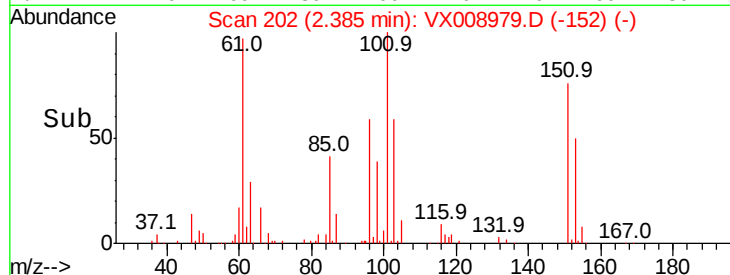
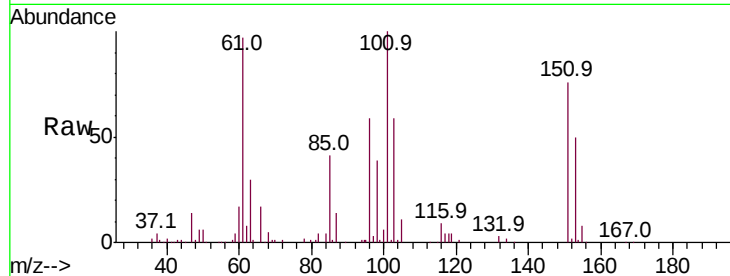
151 78.0 62.7 94.1

Manual Integrations

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MMDadoda

4/17/2019 9:58:52 AM



#10

Methyl Iodide

Concen: 21.386 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

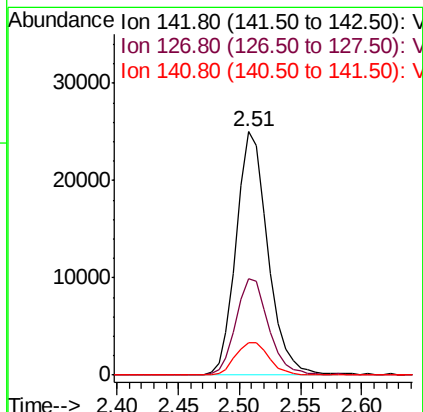
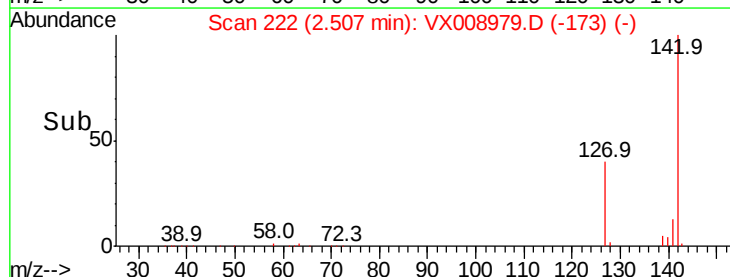
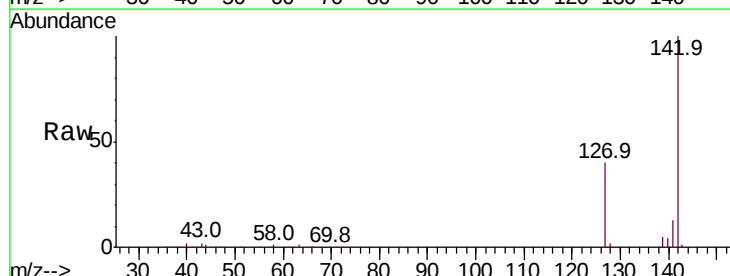
Tgt Ion:142 Resp: 45043

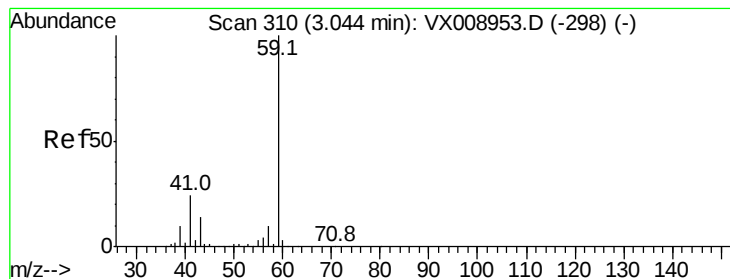
Ion Ratio Lower Upper

142 100

127 40.9 32.8 49.2

141 14.3 11.4 17.2





#11

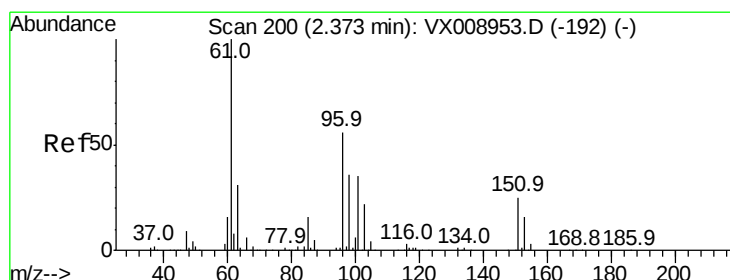
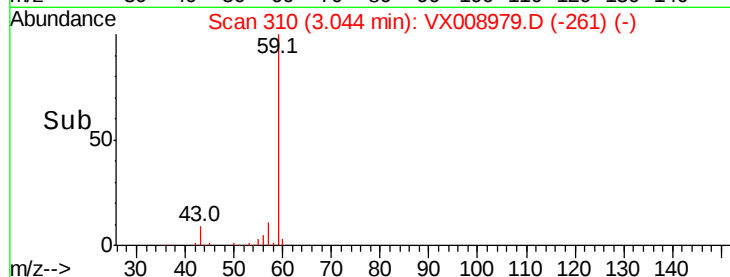
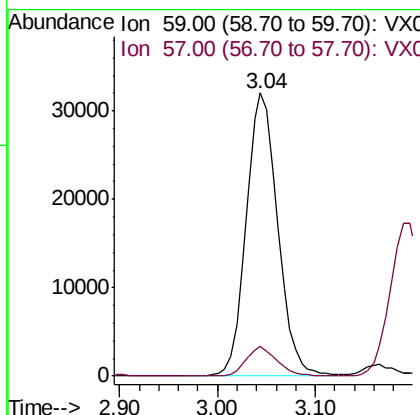
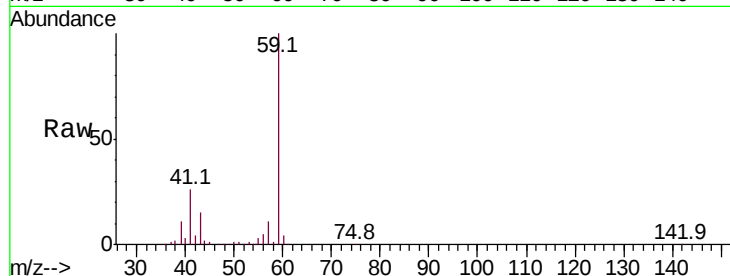
Tert butyl alcohol
Concen: 106.572 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 59 Resp: 71813
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

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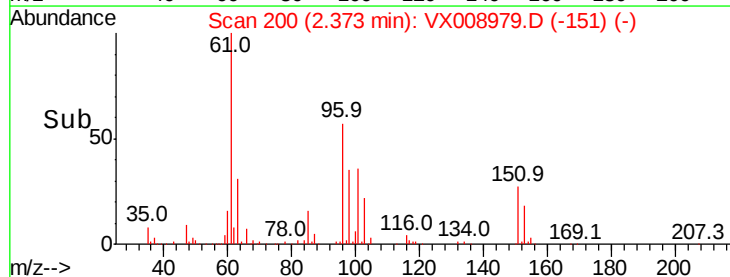
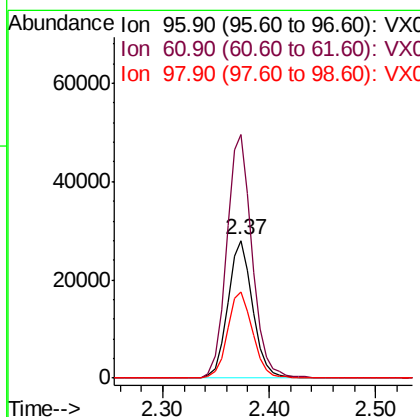
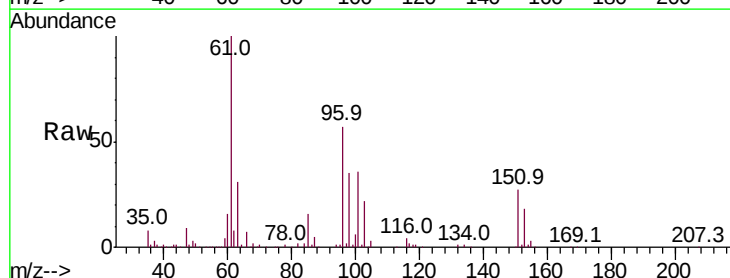
MMDadoda
4/17/2019 9:58:52 AM

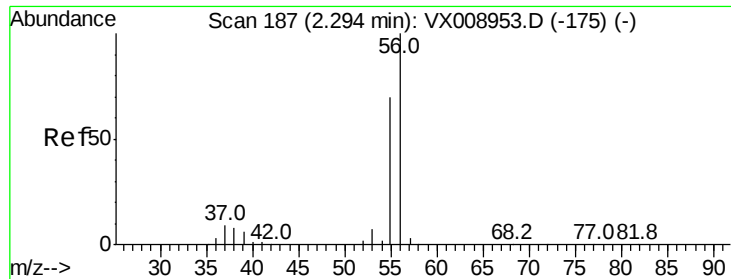


#12

1,1-Dichloroethene
Concen: 19.828 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 96 Resp: 45803
Ion Ratio Lower Upper
96 100
61 176.9 142.2 213.2
98 62.4 50.9 76.3





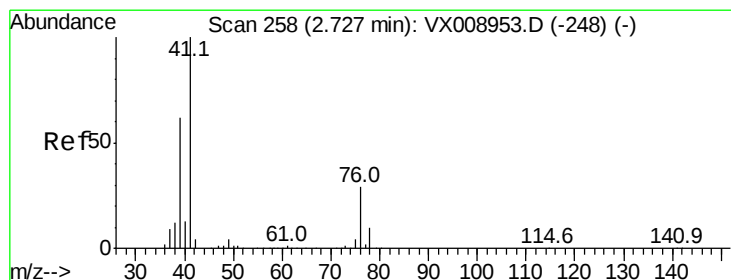
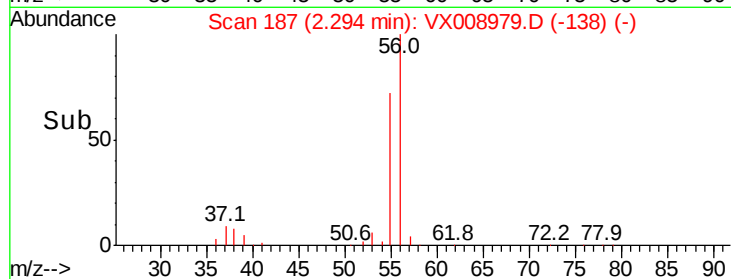
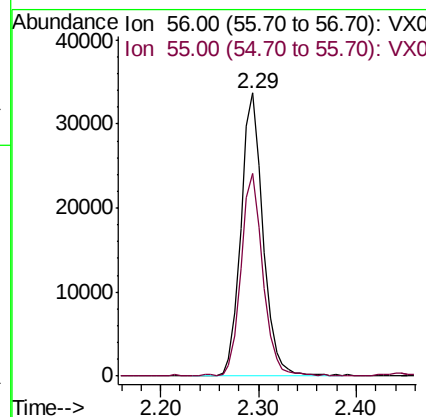
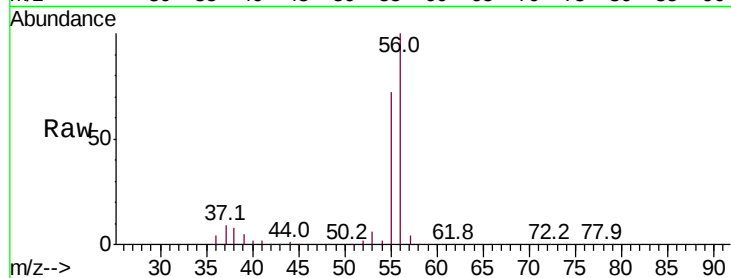
#13
Acrolein
Concen: 90.892 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.6	84.8

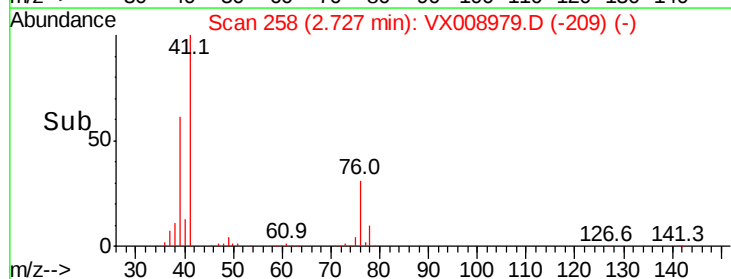
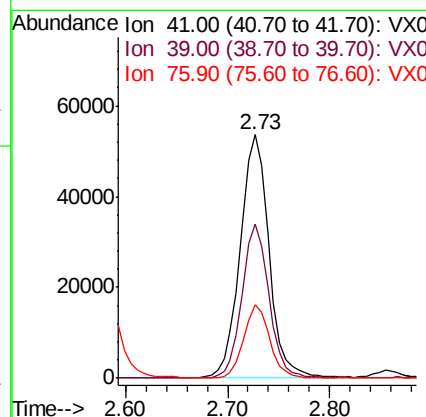
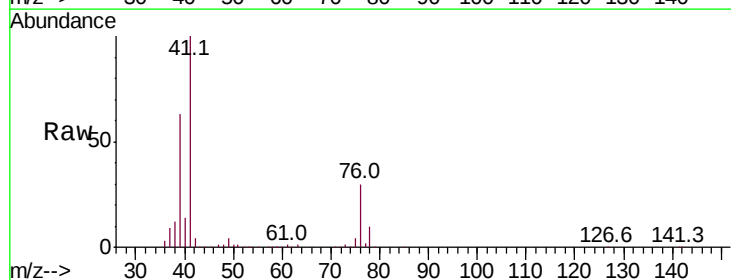
Manual Integrations
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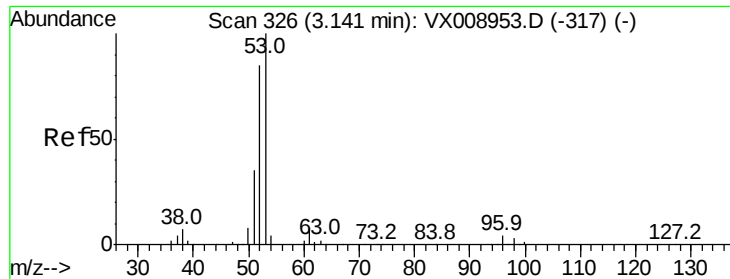
MMDadoda
4/17/2019 9:58:52 AM



#14
Allyl chloride
Concen: 20.690 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.5	46.7	70.1
76	26.8	22.0	33.0





#15

Acrylonitrile

Concen: 104.805 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

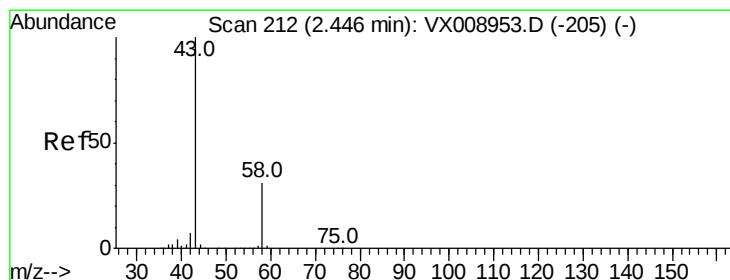
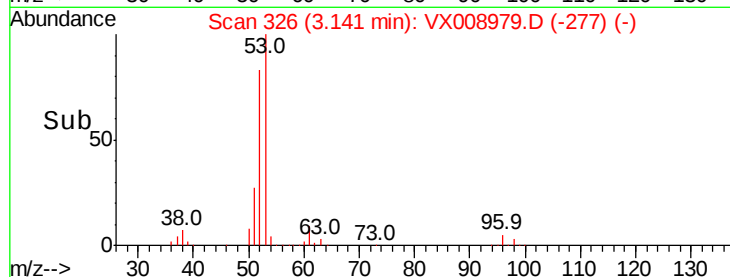
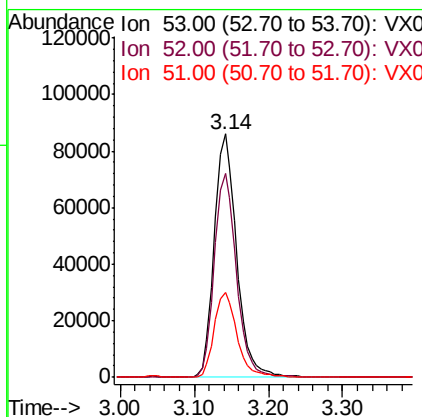
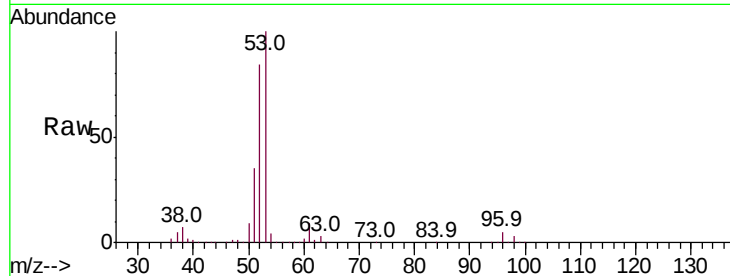
ClientSampleId :

VX0416WBS01

Tot Ion	53	Resp	179274
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	100.0
51	35.4	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 99.944 ug/l

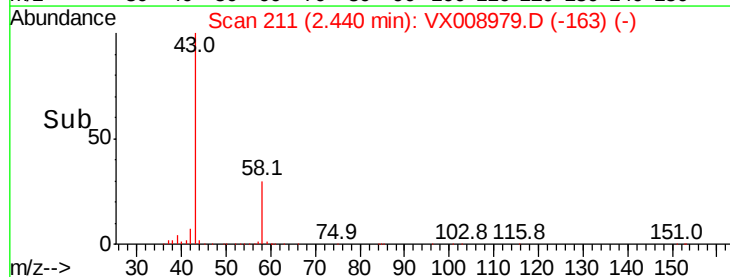
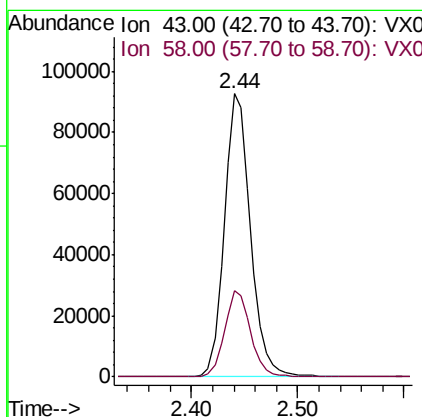
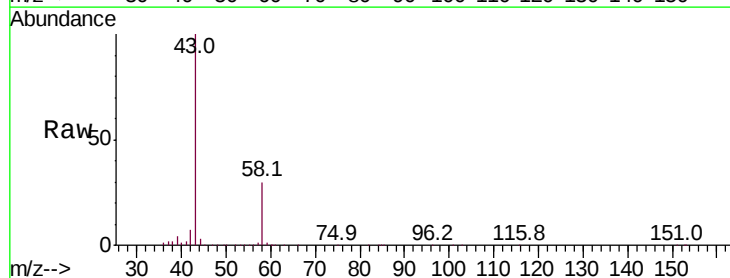
RT: 2.44 min Scan# 211

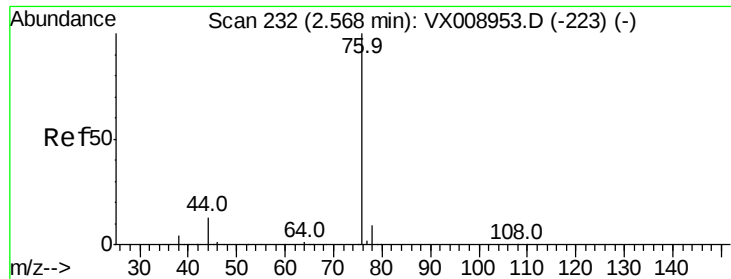
Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion	43	Resp	157336
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.8	37.2





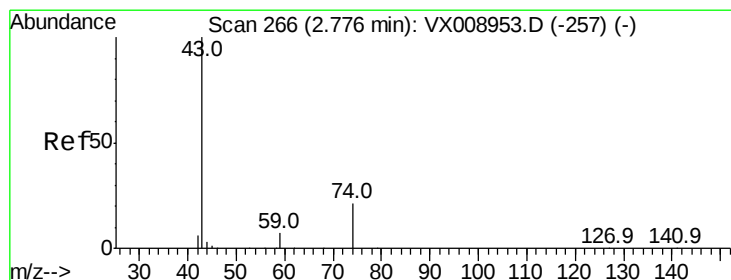
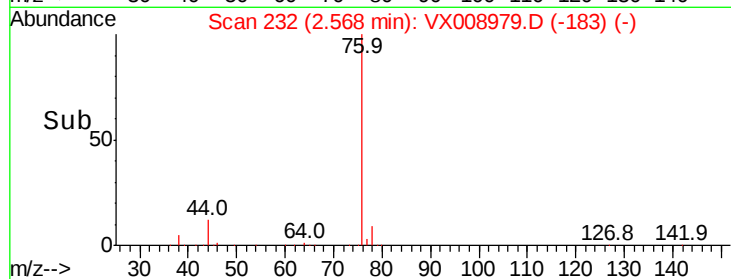
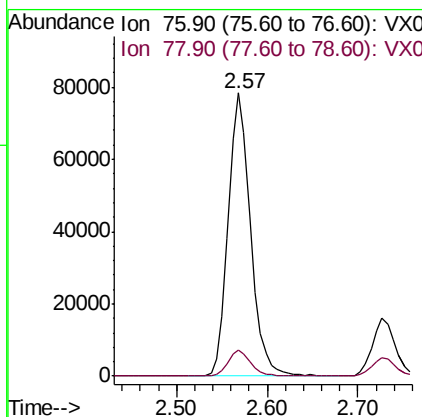
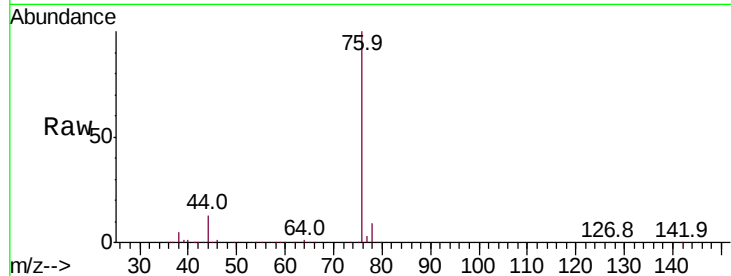
#17
Carbon Disulfide
Concen: 20.451 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

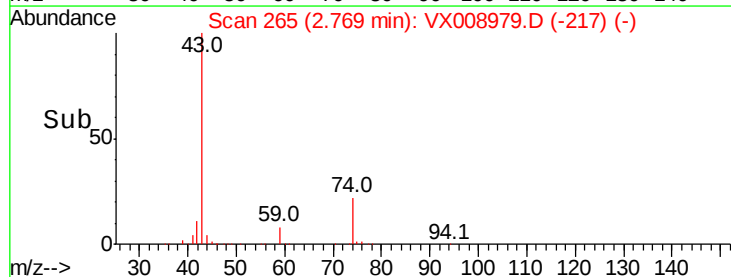
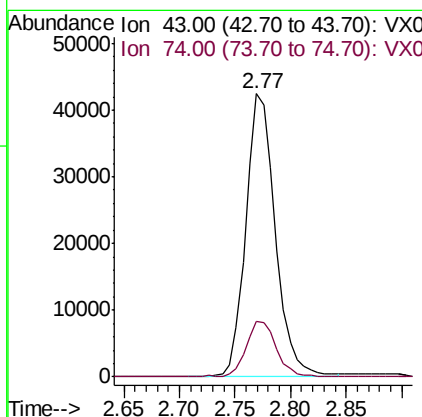
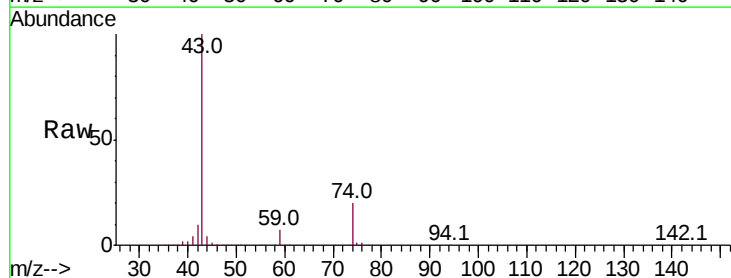
Manual Integrations
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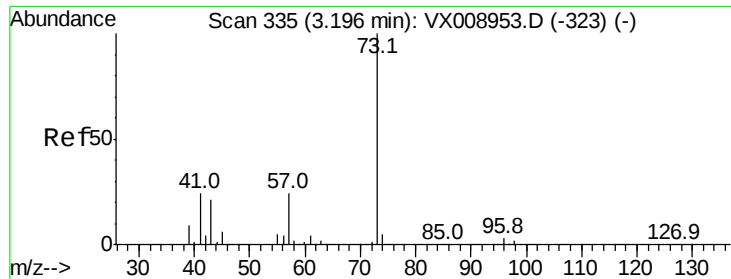
MMDadoda
4/17/2019 9:58:52 AM



#18
Methyl Acetate
Concen: 19.848 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	16.6	25.0





#19

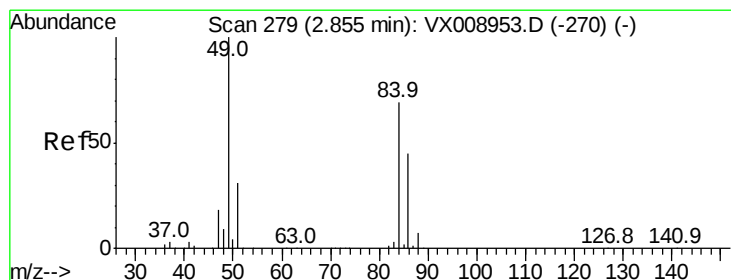
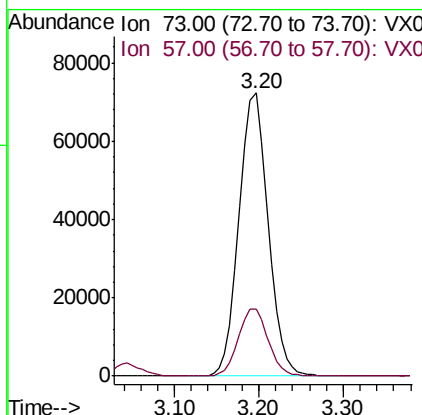
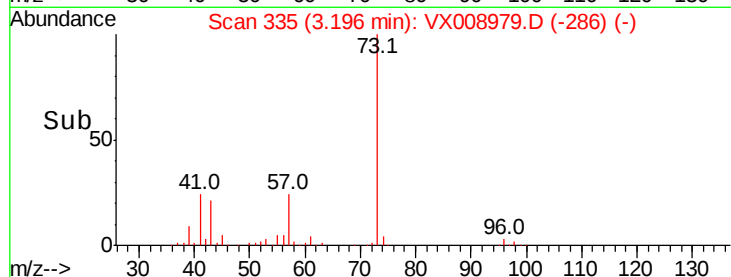
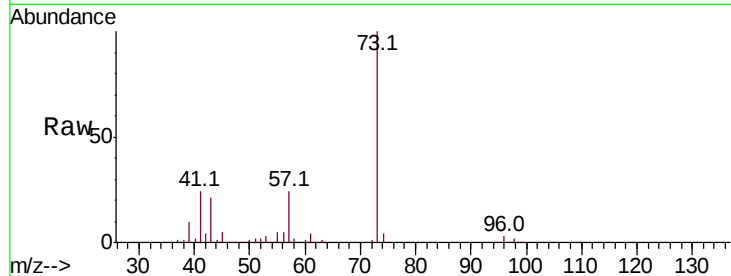
Methyl tert-butyl Ether
 Concen: 20.535 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.2	28.8

Manual Integrations
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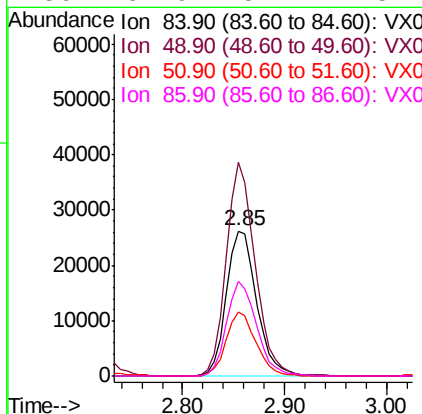
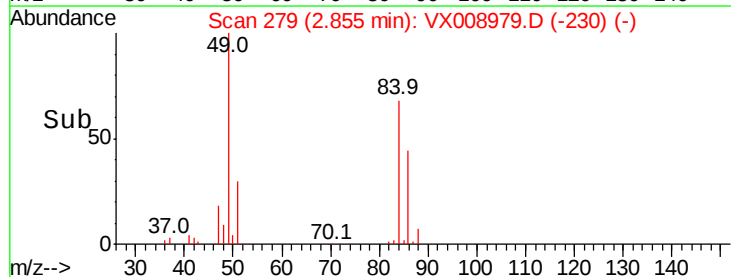
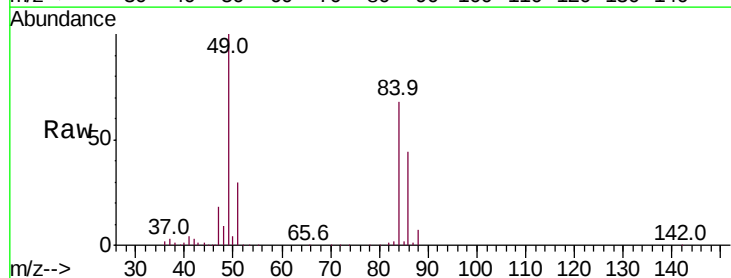
MMDadoda
 4/17/2019 9:58:52 AM

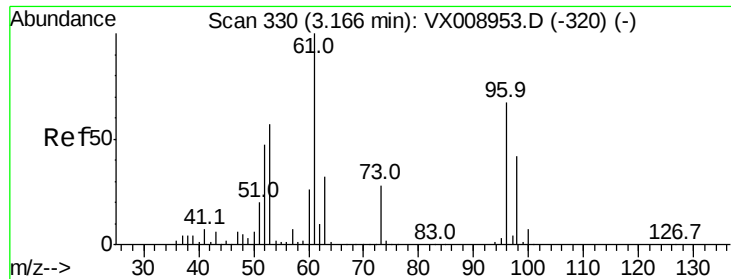


#20

Methylene Chloride
 Concen: 20.013 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.0	115.4	173.0
51	44.2	35.8	53.6
86	64.9	52.1	78.1





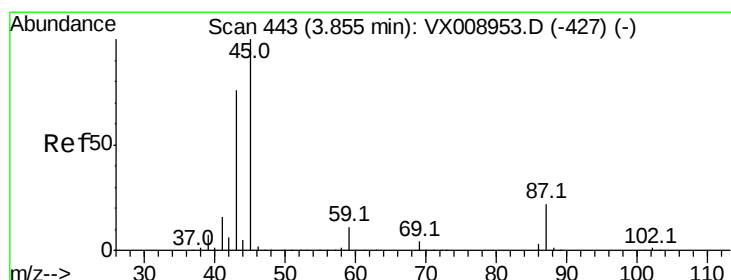
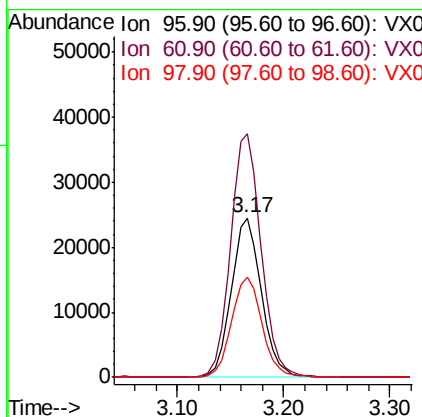
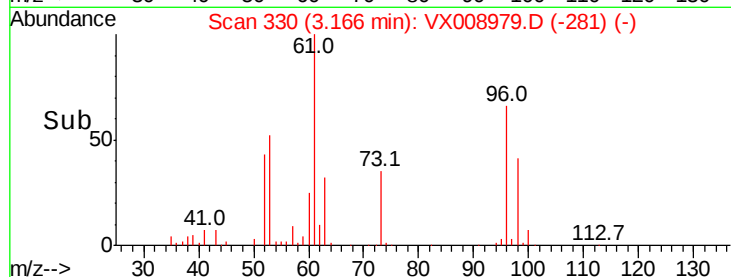
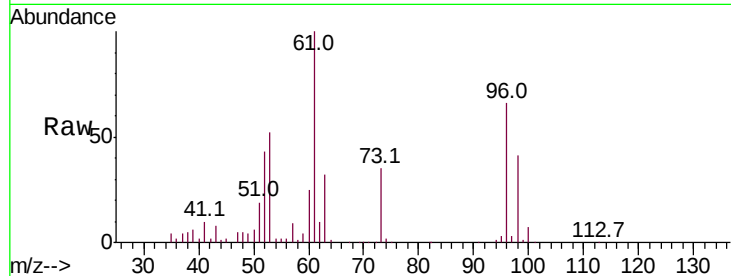
#21
trans-1,2-Dichloroethene
Concen: 19.780 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	120.3	180.5
98	62.7	50.2	75.2

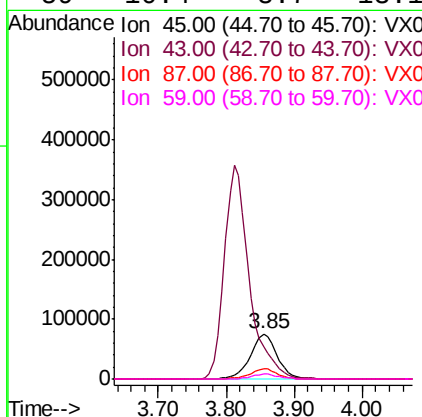
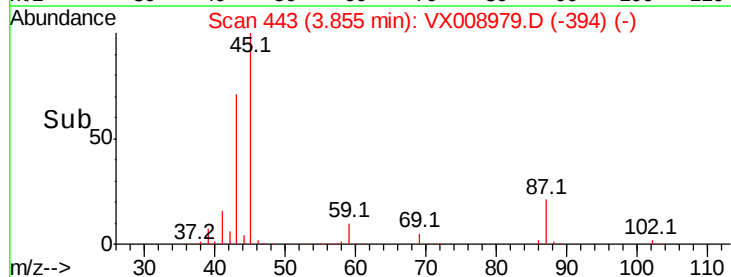
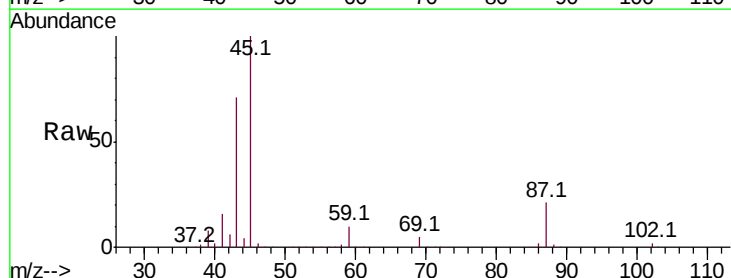
Manual Integrations
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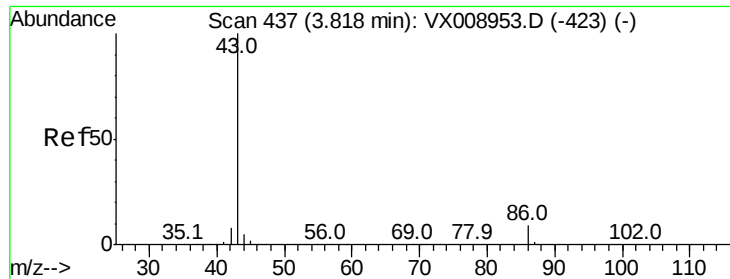
MMDadoda
4/17/2019 9:58:52 AM



#22
Diisopropyl ether
Concen: 21.039 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.1	60.6	91.0
87	21.5	17.8	26.8
59	10.4	8.7	13.1





#23

Vinyl Acetate

Concen: 105.964 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 912189

Ion Ratio Lower Upper

43 100

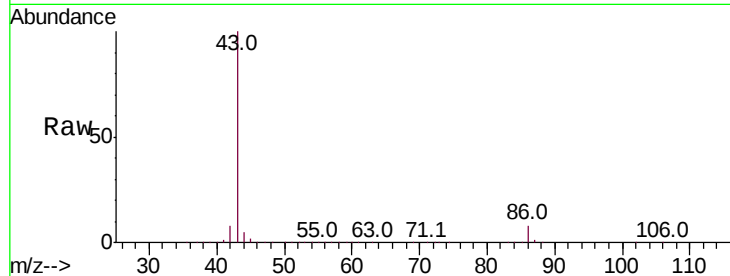
86 8.3 7.1 10.7

Manual Integrations

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4/17/2019 9:58:52 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

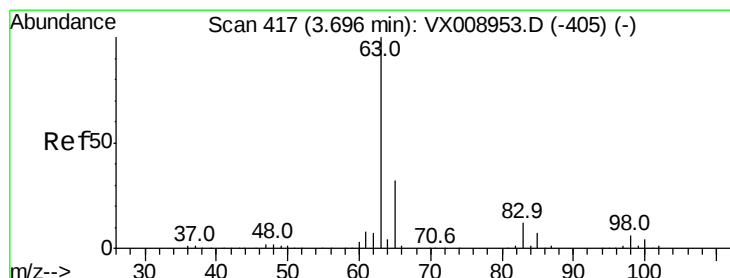
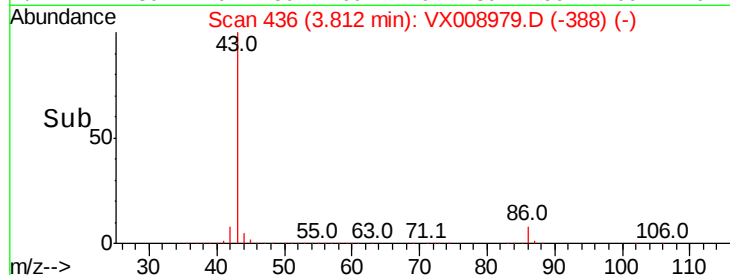
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.156 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

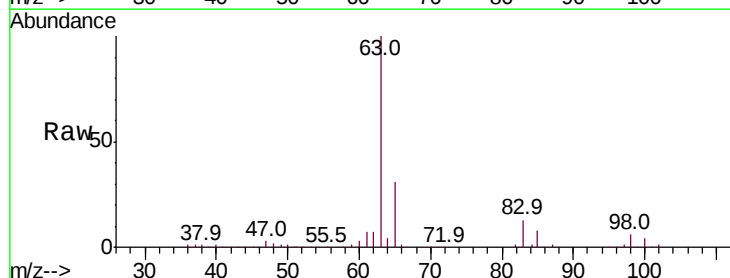
Tgt Ion: 63 Resp: 99085

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 4.4 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

50000

40000

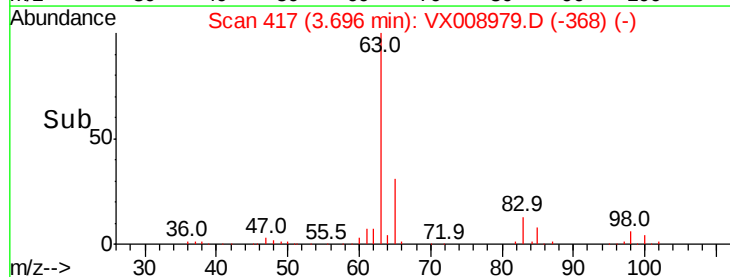
30000

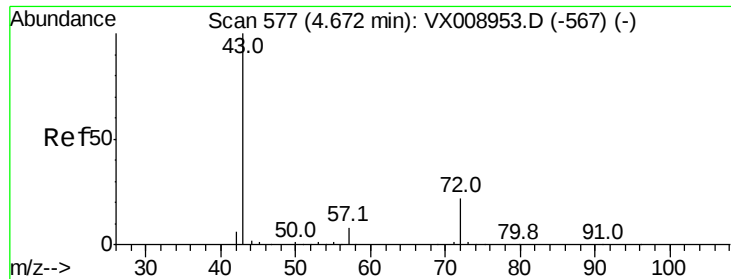
20000

10000

0

Time-->





#25

2-Butanone

Concen: 104.293 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 262437

Ion Ratio Lower Upper

43 100

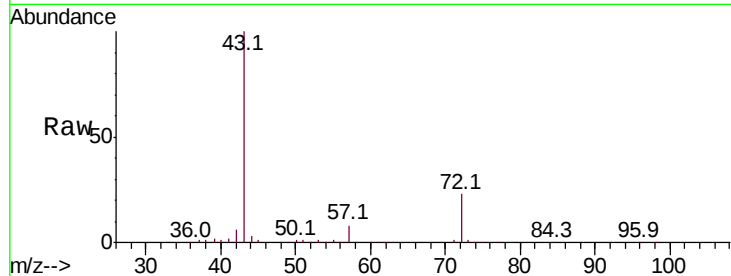
72 22.9 17.5 26.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

100000

80000

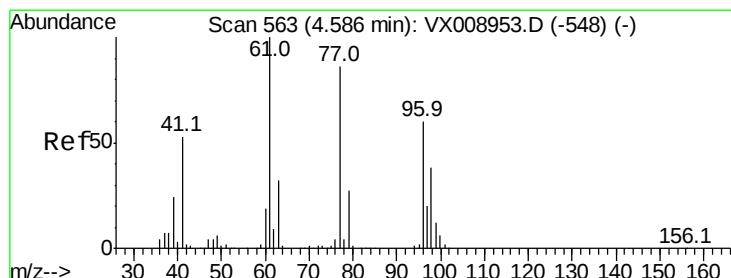
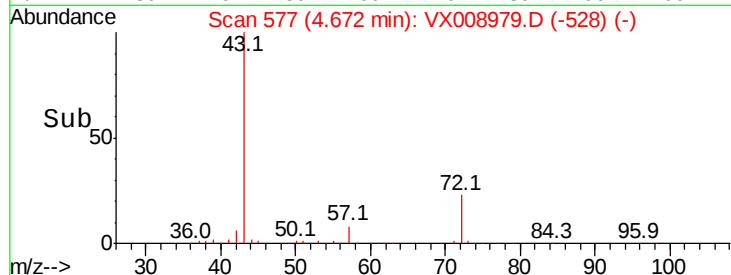
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.775 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008979.D

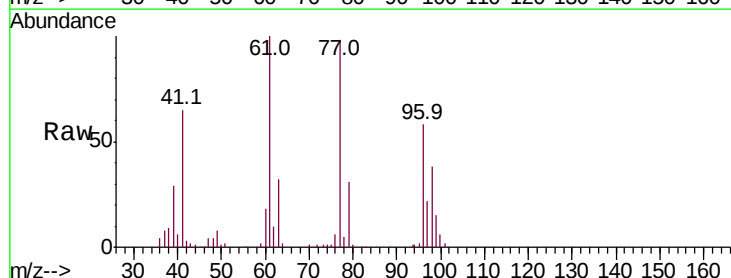
Acq: 16 Apr 2019 11:59

Tgt Ion: 77 Resp: 72869

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

25000

20000

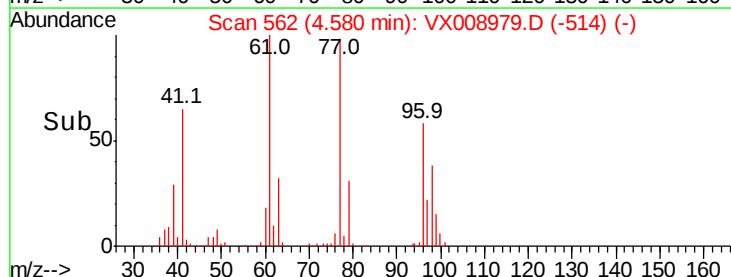
15000

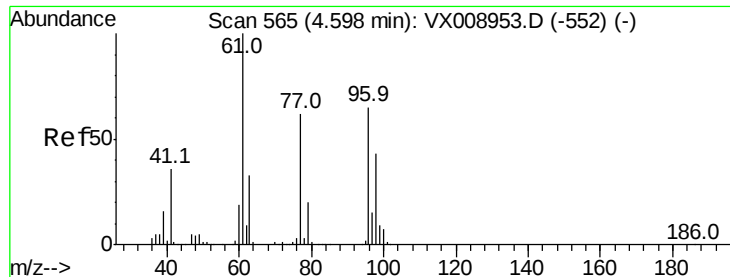
10000

5000

0

Time-->





#27

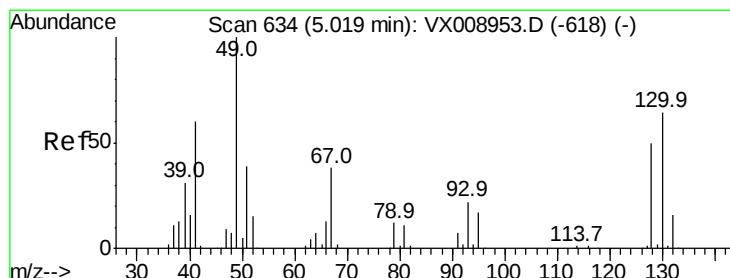
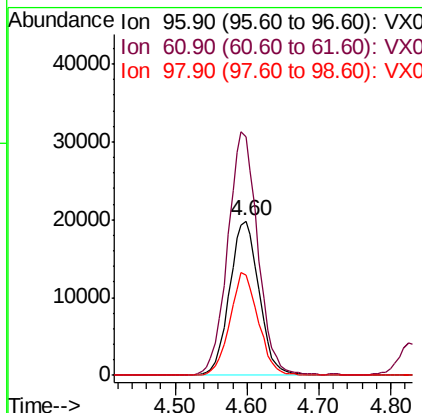
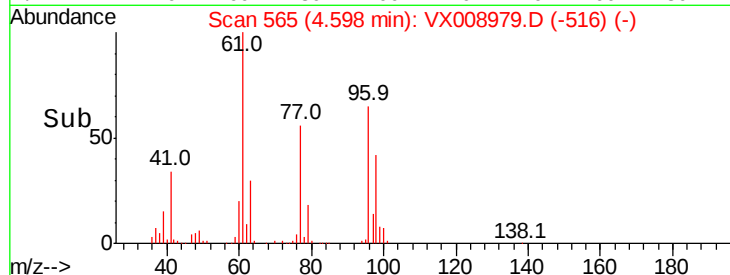
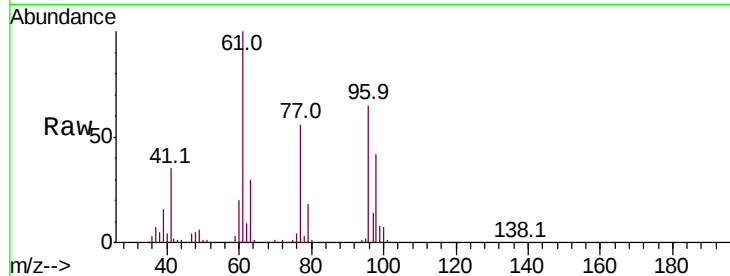
cis-1,2-Dichloroethene
Concen: 20.147 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.9	0.0	322.0
98	64.0	0.0	128.4

Manual Integrations
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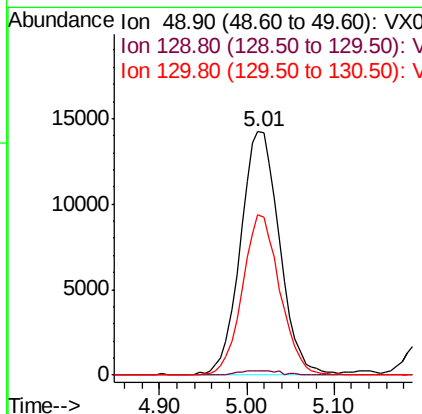
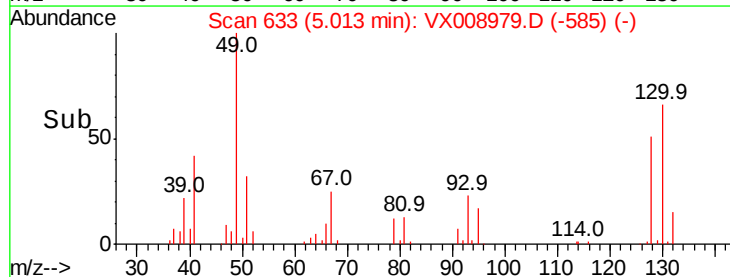
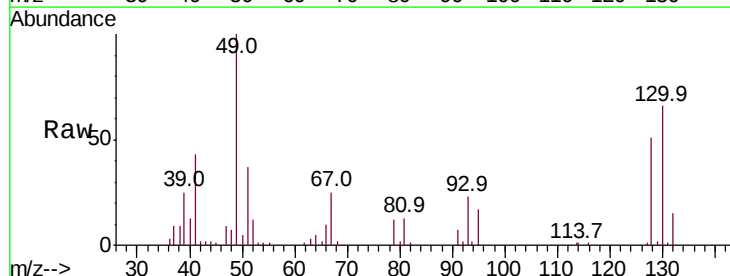
MMDadoda
4/17/2019 9:58:52 AM

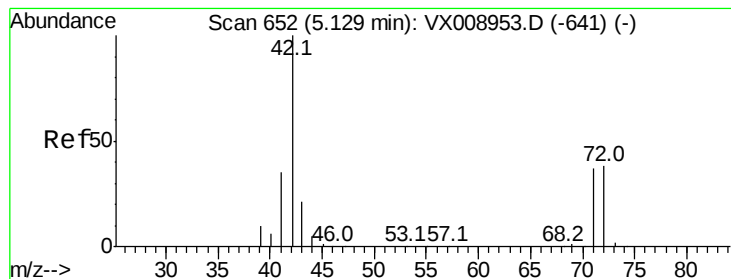


#28

Bromochloromethane
Concen: 20.569 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	62.9	50.4	75.6





#29

Tetrahydrofuran

Concen: 103.649 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

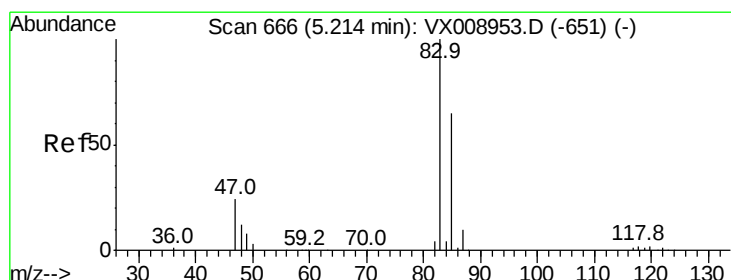
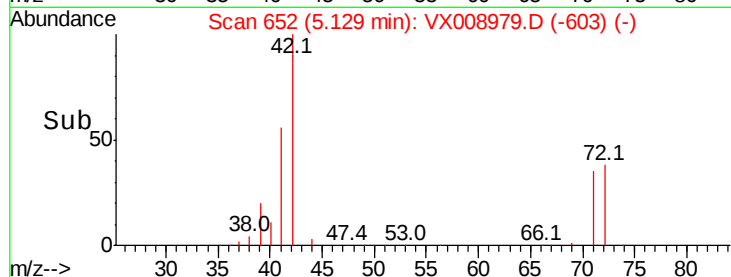
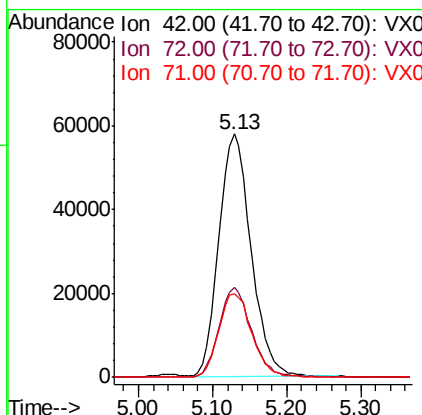
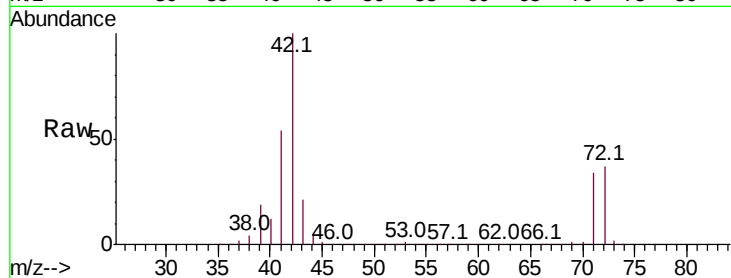
ClientSampleId :

VX0416WBS01

Tot Ion:	42	Resp:	174569
Ion Ratio	Lower	Upper	
42	100		
72	37.6	30.6	45.8
71	35.5	28.8	43.2

Manual Integrations
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#30

Chloroform

Concen: 20.390 ug/l

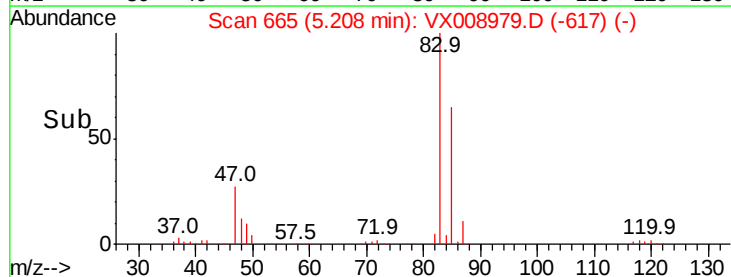
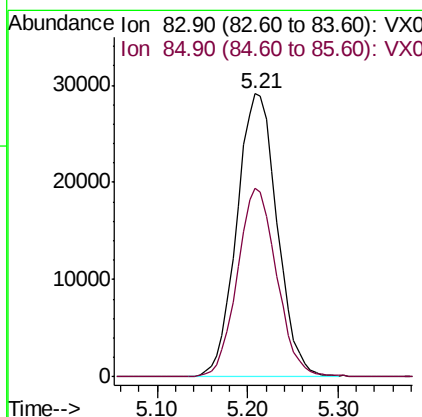
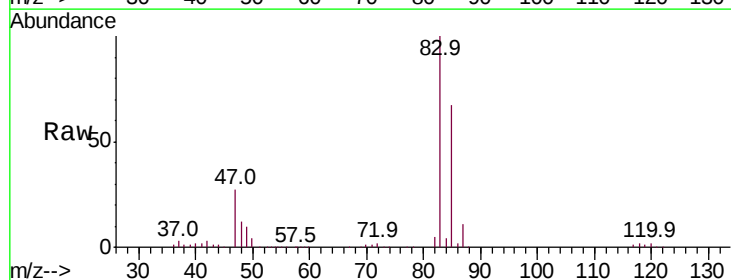
RT: 5.21 min Scan# 665

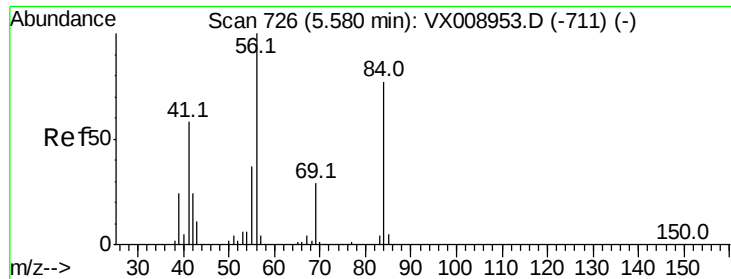
Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion:	83	Resp:	89698
Ion Ratio	Lower	Upper	
83	100		
85	66.9	51.9	77.9





#31

Cyclohexane

Concen: 20.448 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

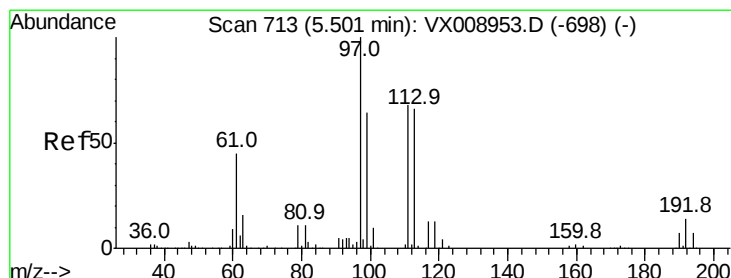
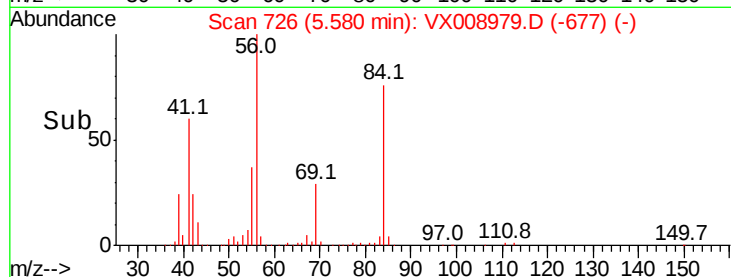
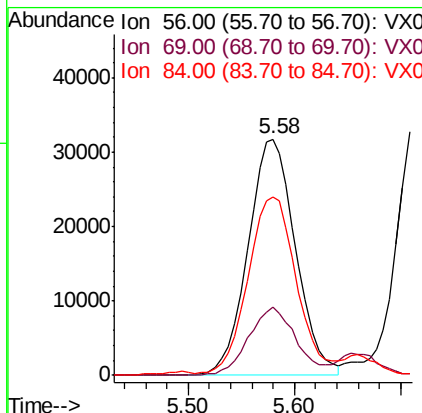
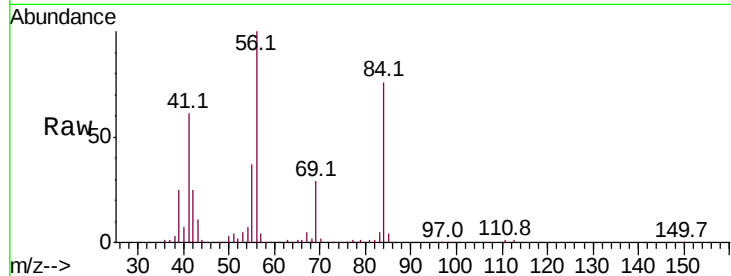
ClientSampleId :

VX0416WBS01

Tot Ion:	56	Resp:	98868
Ion Ratio	Lower	Upper	
56	100		
69	28.7	23.3	34.9
84	74.4	61.7	92.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.478 ug/l

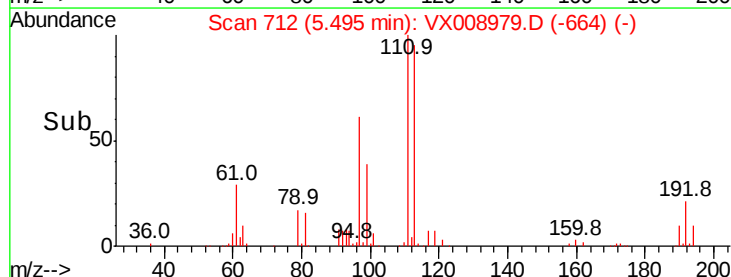
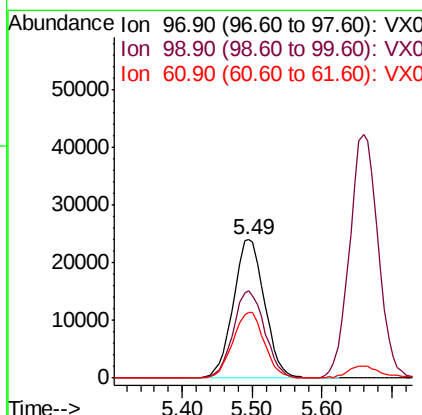
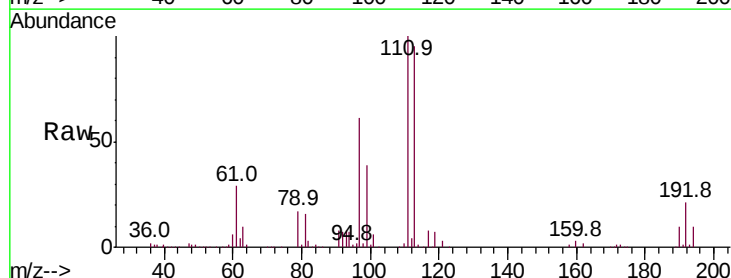
RT: 5.49 min Scan# 712

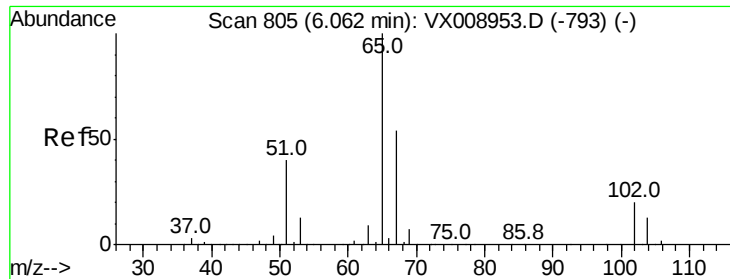
Delta R.T. -0.01 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion:	97	Resp:	74663
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.6	77.4
61	47.9	37.9	56.9





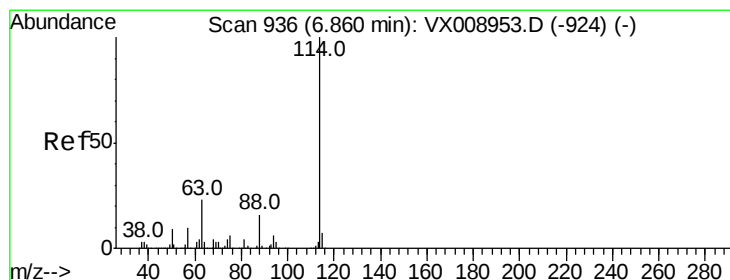
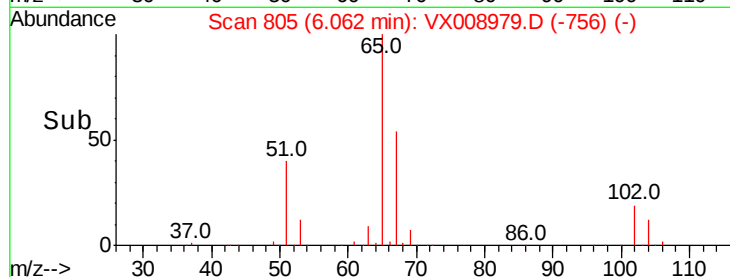
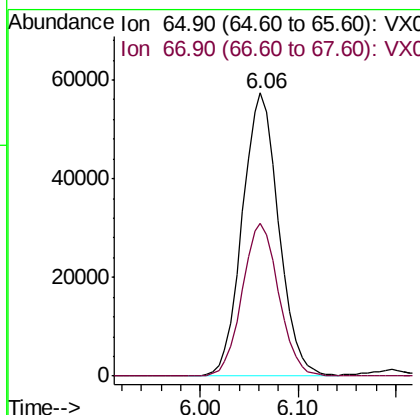
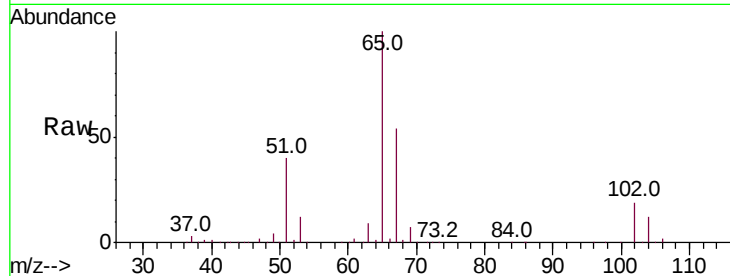
#33
 1,2-Dichloroethane-d4
 Concen: 48.908 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.6

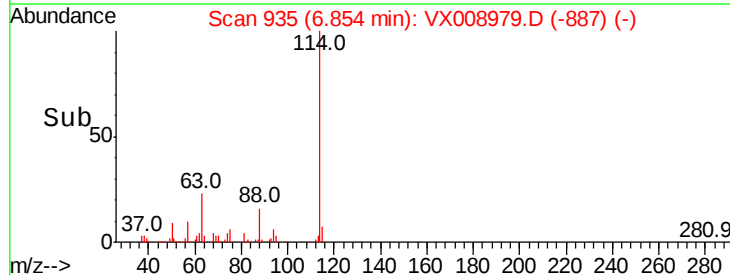
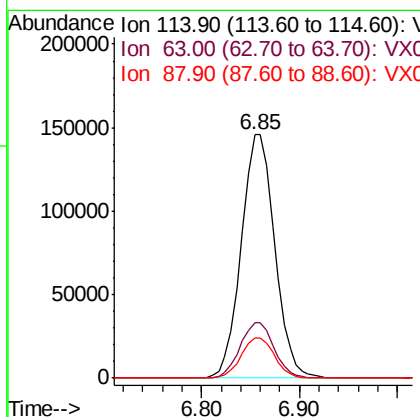
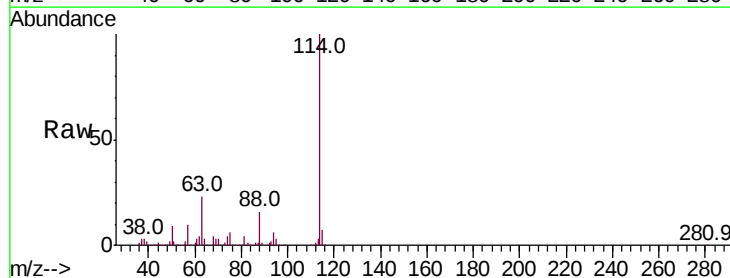
Manual Integrations
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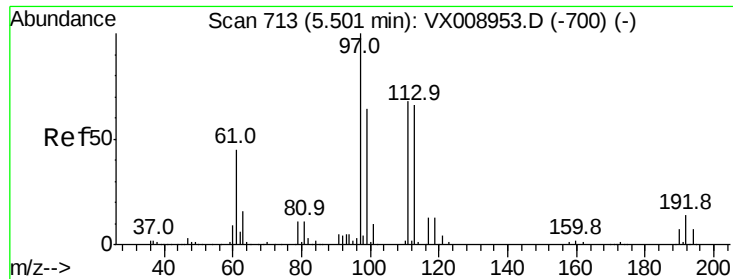
MMDadoda
 4/17/2019 9:58:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.0
88	16.3	0.0	32.6





#35

Dibromofluoromethane

Concen: 48.976 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

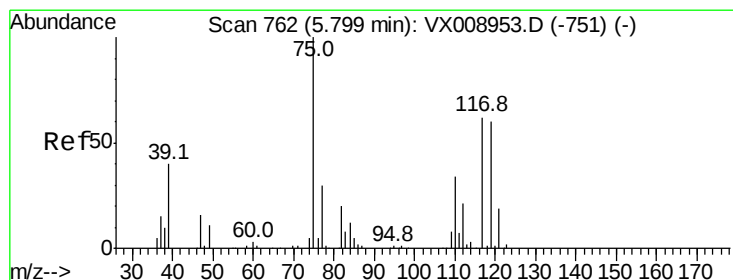
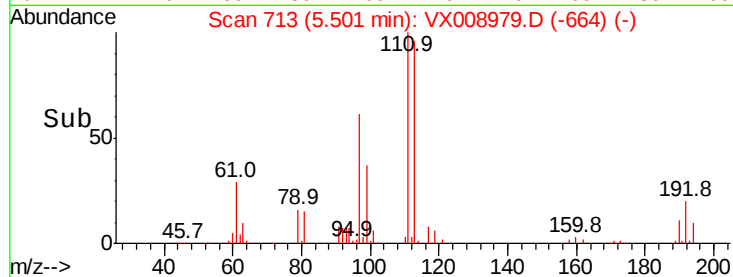
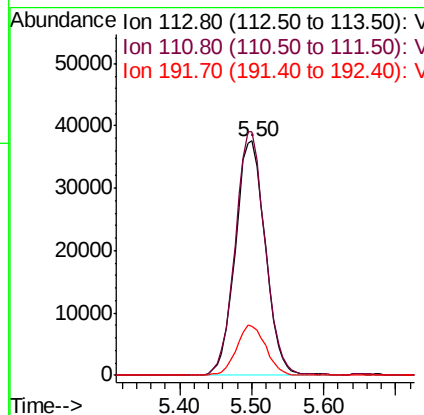
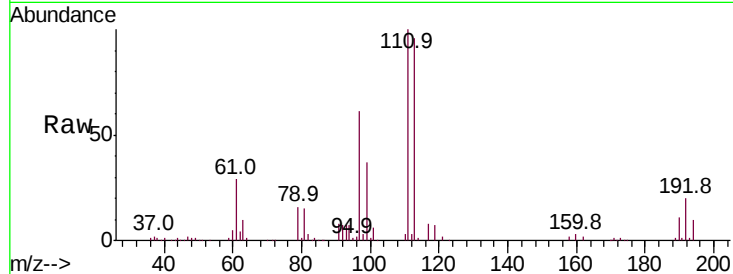
ClientSampled :

VX0416WBS01

Tot Ion:	113	Resp:	109000
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.9	124.3
192	20.9	17.4	26.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.499 ug/l

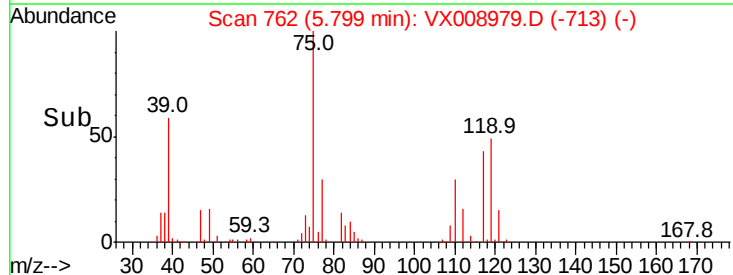
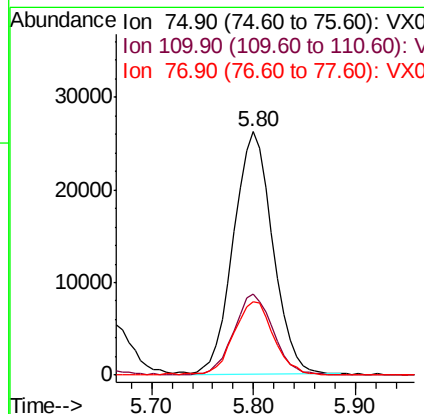
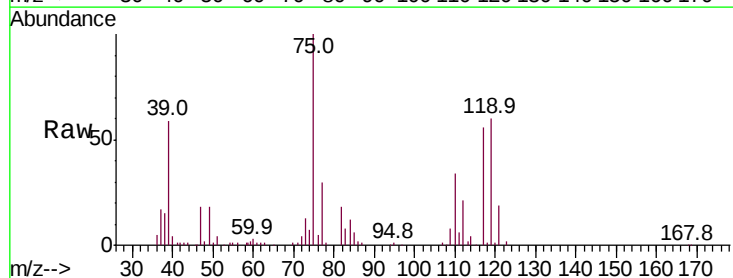
RT: 5.80 min Scan# 762

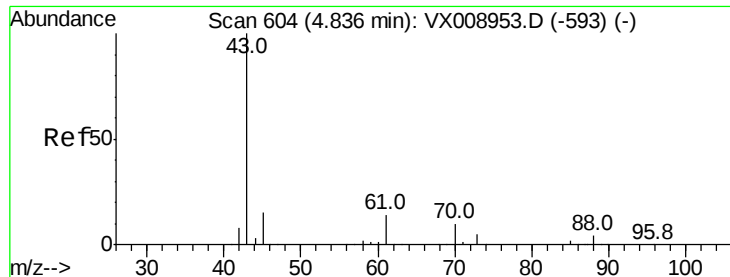
Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion:	75	Resp:	69932
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.9	50.7
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 20.655 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

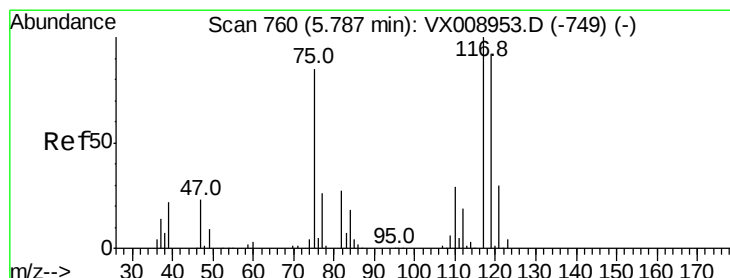
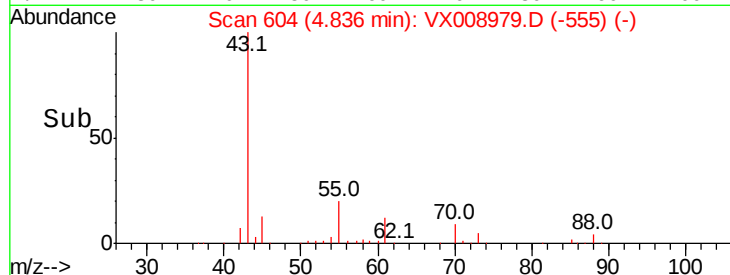
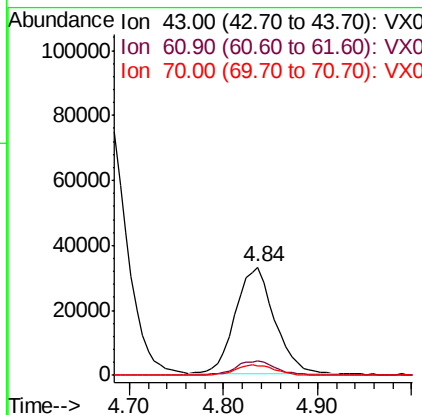
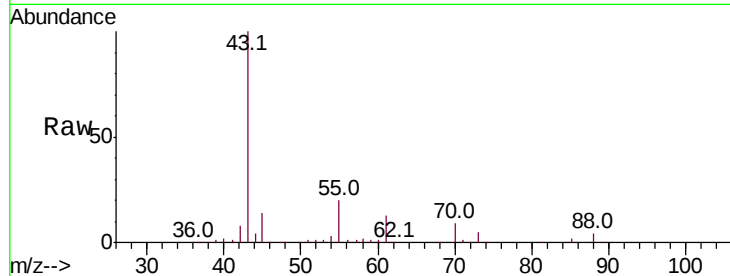
ClientSampleId :

VX0416WBS01

Tot Ion:	43	Resp:	95322
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	15.8
70	9.9	7.7	11.5

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#38

Carbon Tetrachloride

Concen: 20.247 ug/l

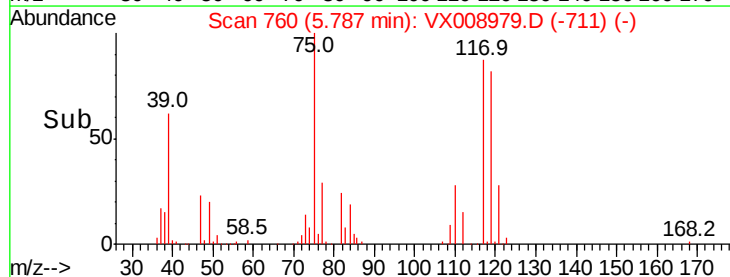
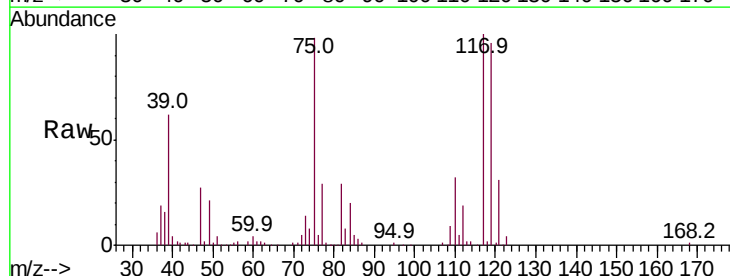
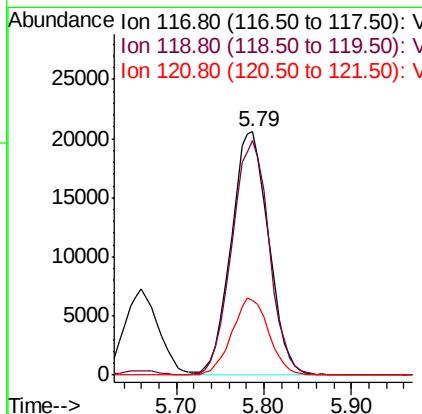
RT: 5.79 min Scan# 760

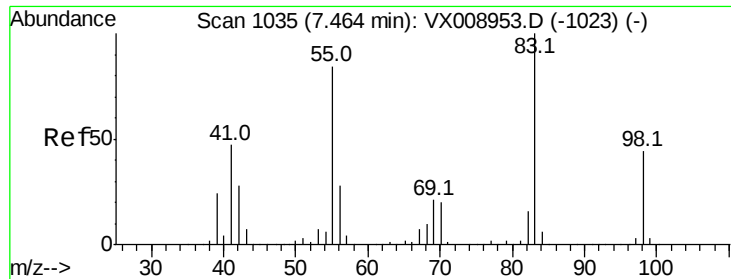
Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion:	117	Resp:	61561
Ion	Ratio	Lower	Upper
117	100		
119	96.3	73.8	110.8
121	30.9	23.6	35.4





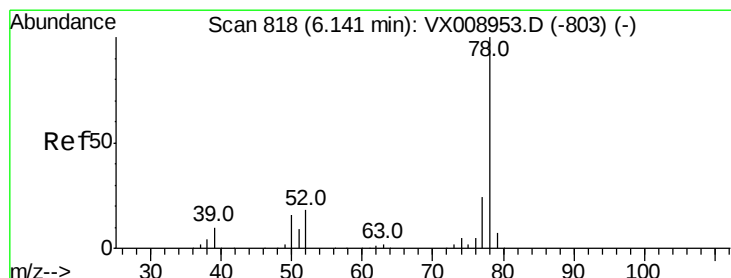
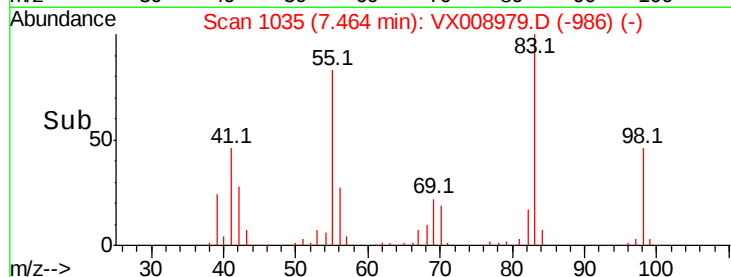
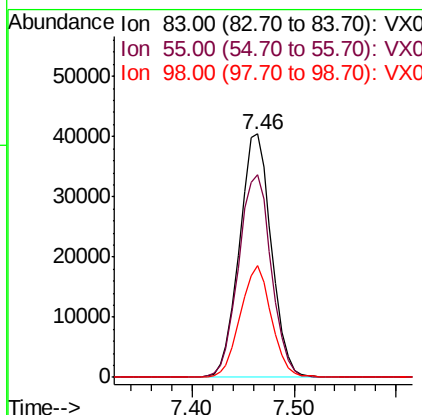
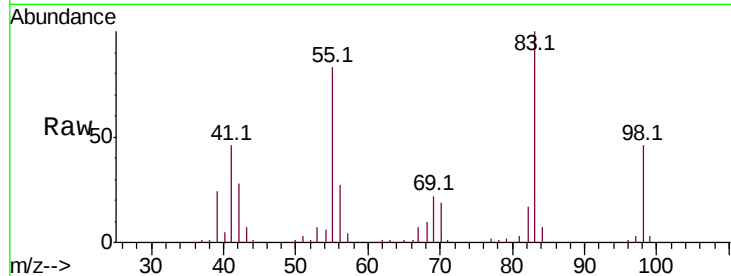
#39
Methvlcvclohexane
Concen: 20.197 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	83	Resp	88197
Ion Ratio	100		
Lower		67.1	100.7
Upper		35.1	52.7

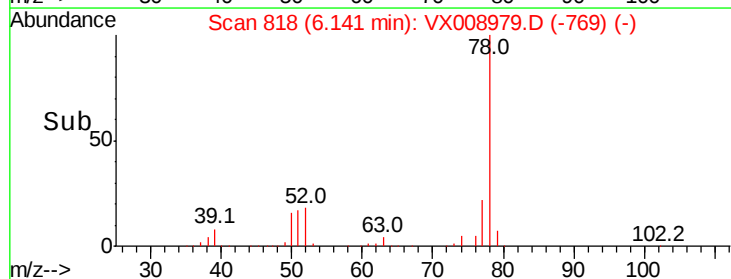
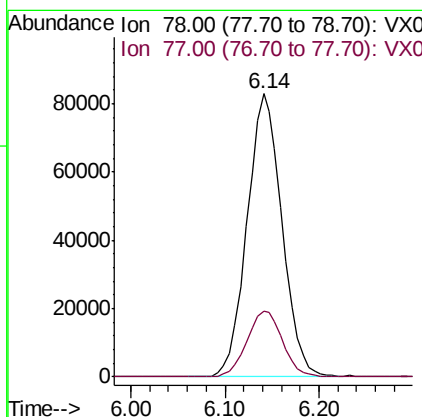
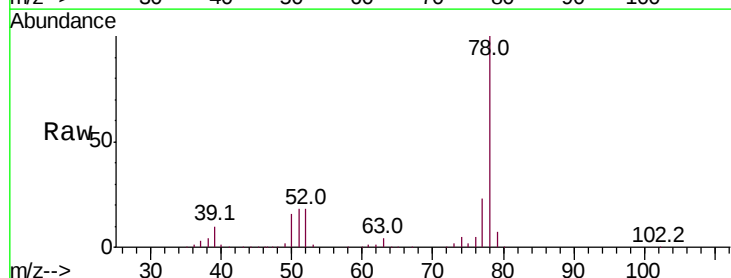
Manual Integrations
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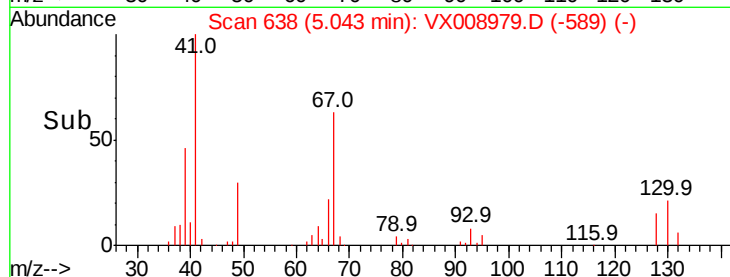
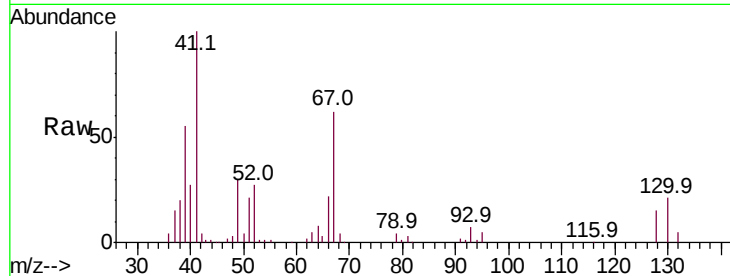
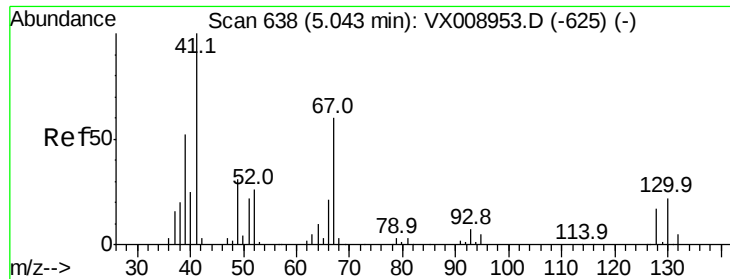
MMDadoda
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#40
Benzene
Concen: 20.328 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	78	Resp	215085
Ion Ratio	100		
Lower		19.0	28.6
Upper		23.4	77





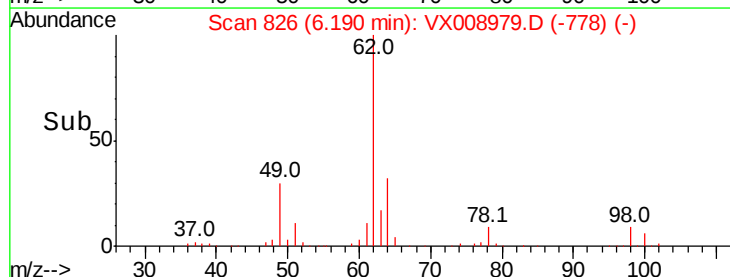
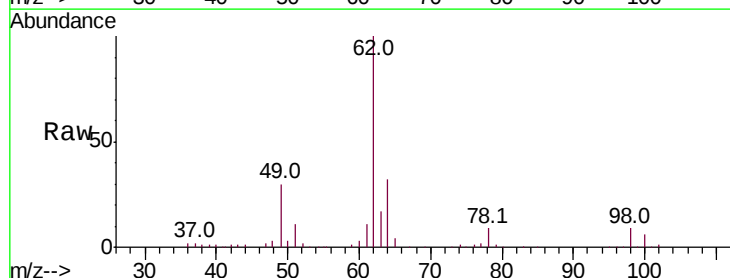
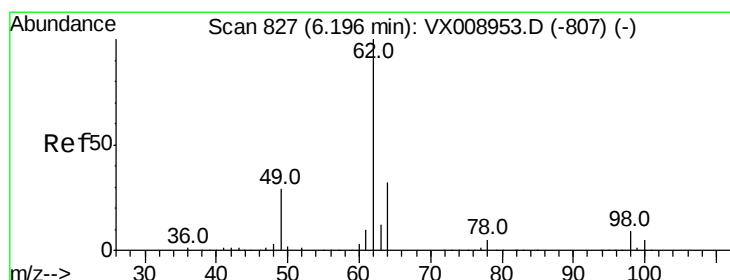
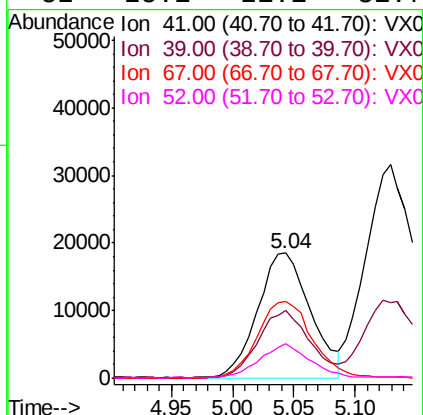
#41
Methacrylonitrile
Concen: 20.942 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.8	62.6
67	64.7	50.2	75.4
52	25.1	21.1	31.7

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

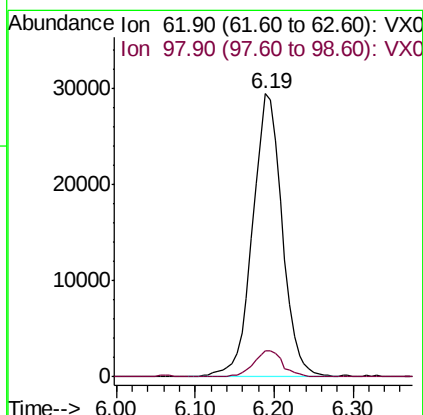
Manual Integrations
APPROVED

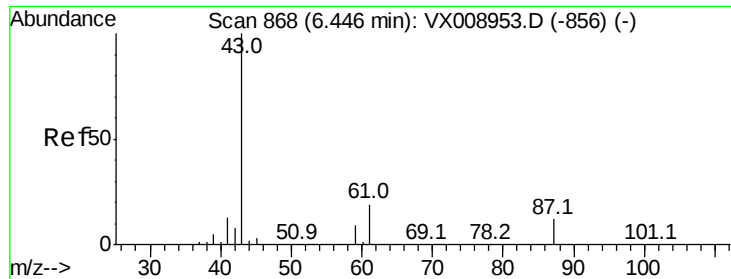
MMDadoda
4/17/2019 9:58:52 AM



#42
1,2-Dichloroethane
Concen: 20.577 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4





#43

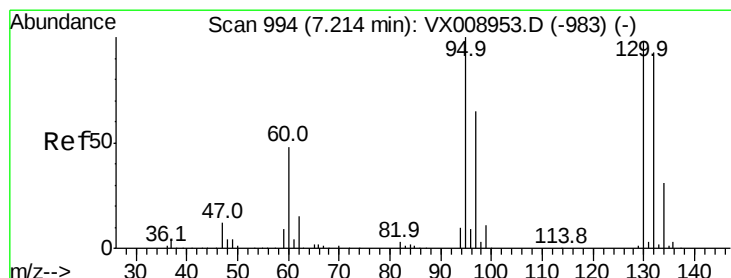
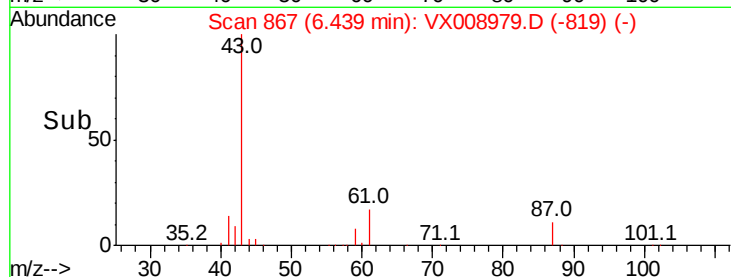
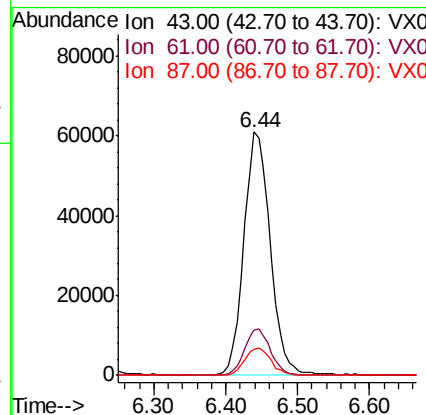
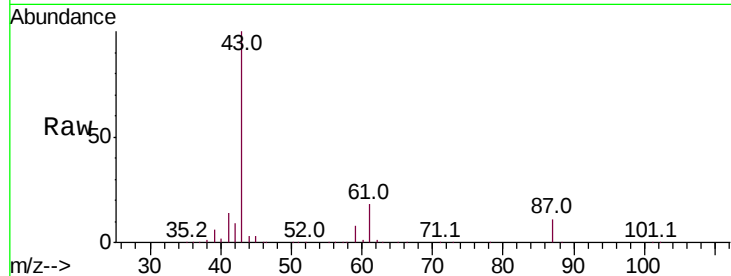
Isopropyl Acetate
 Concen: 20.663 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.0
87	11.5	9.0	13.4

Manual Integrations
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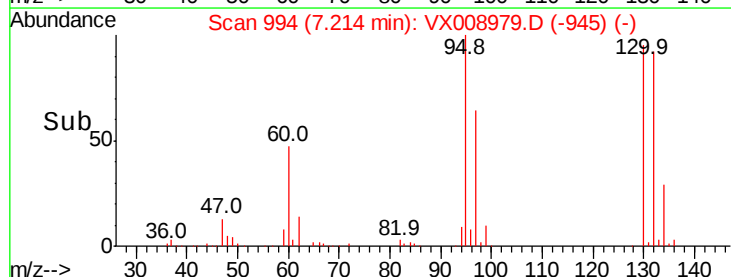
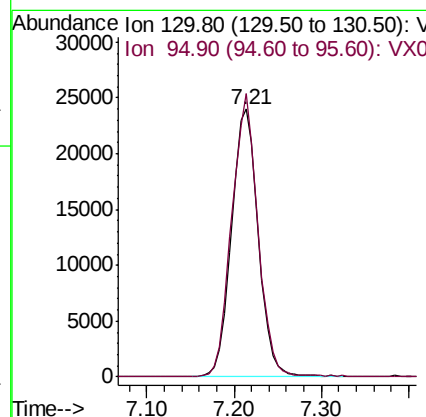
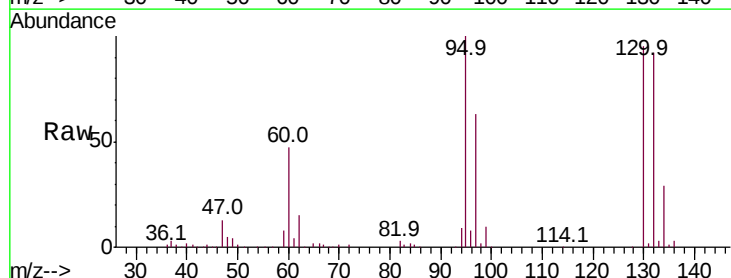
MMDadoda
 4/17/2019 9:58:52 AM

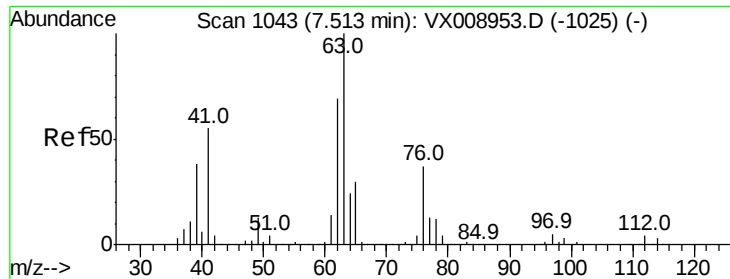


#44

Trichloroethene
 Concen: 19.723 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	203.2





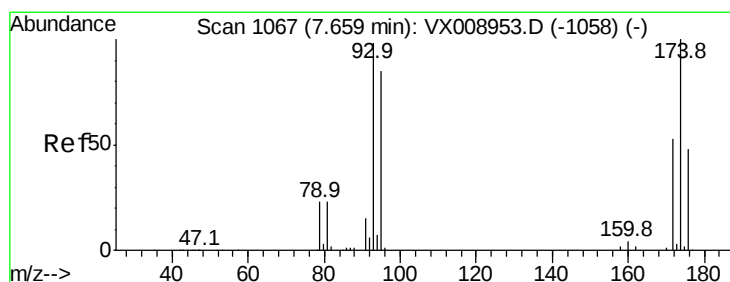
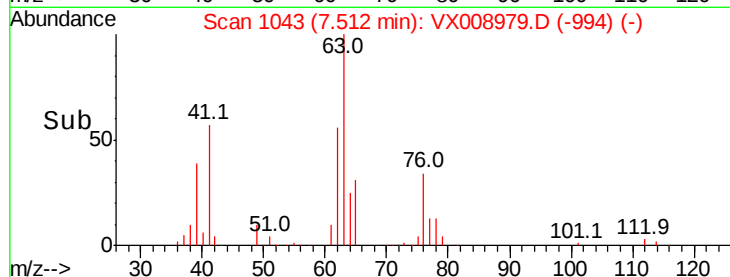
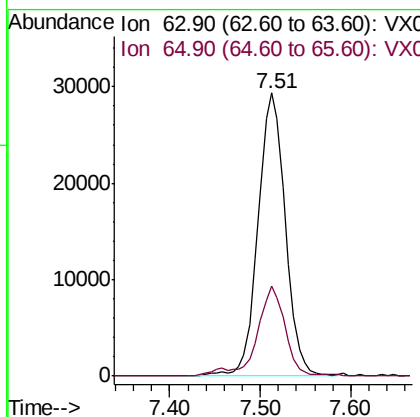
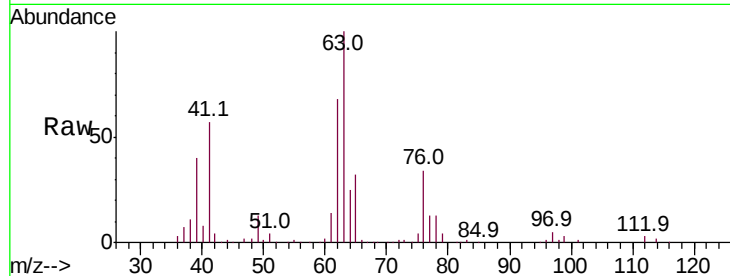
#45
 1,2-Dichloropropane
 Concen: 20.861 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion: 63 Resp: 61233
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.1 36.1

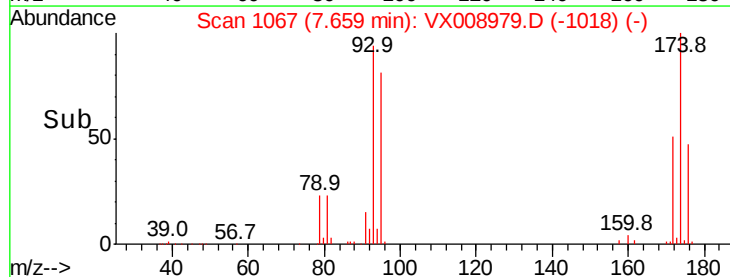
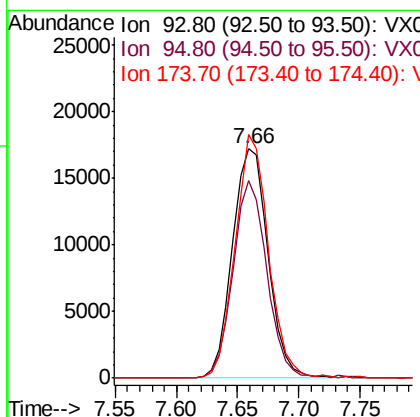
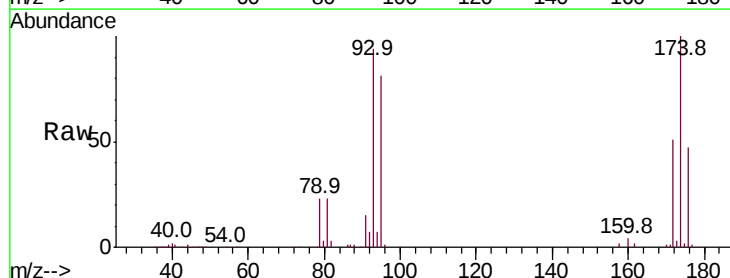
Manual Integrations
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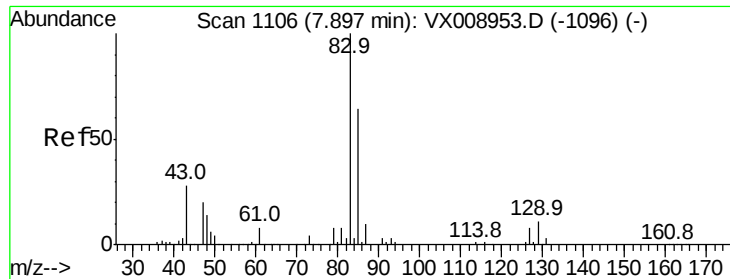
MMDadoda
 4/17/2019 9:58:52 AM



#46
 Dibromomethane
 Concen: 20.330 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 93 Resp: 34729
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.0 100.4
 174 99.6 81.6 122.4





#47

Bromodichloromethane

Concen: 19.954 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

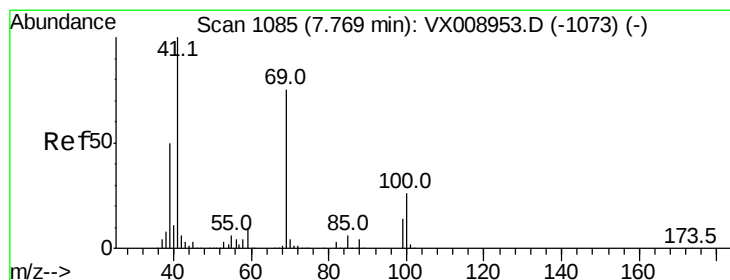
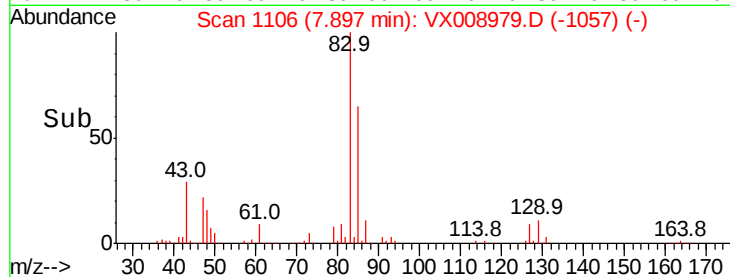
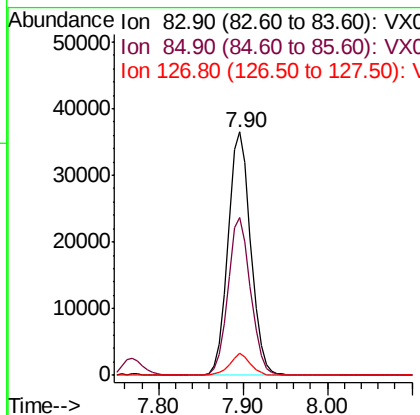
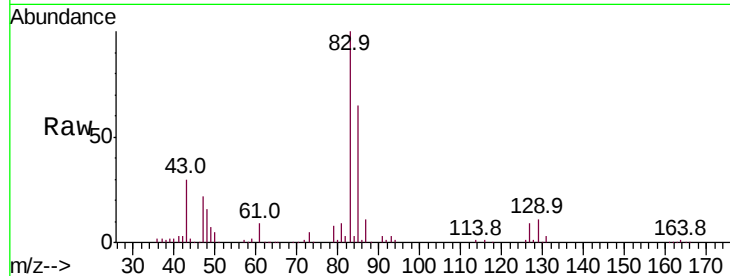
ClientSampleId :

VX0416WBS01

Tot Ion:	83	Resp:	66856
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.8	76.2
127	9.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.061 ug/l

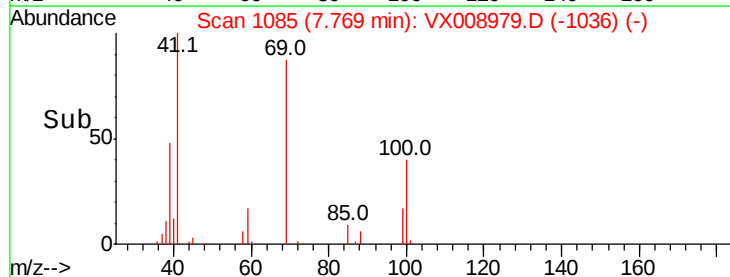
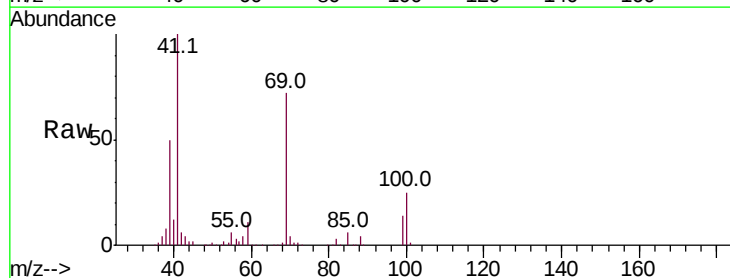
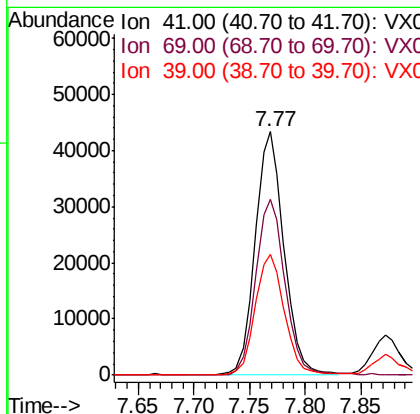
RT: 7.77 min Scan# 1085

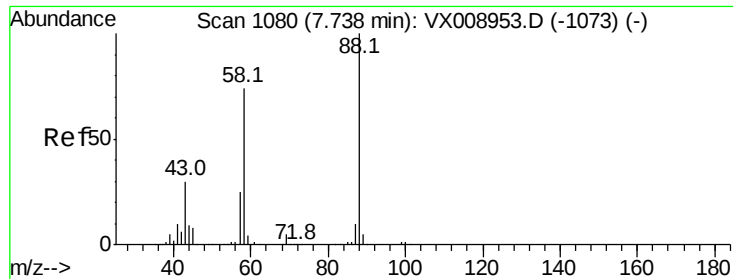
Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion:	41	Resp:	77396
Ion	Ratio	Lower	Upper
41	100		
69	74.6	59.4	89.2
39	51.4	39.8	59.6





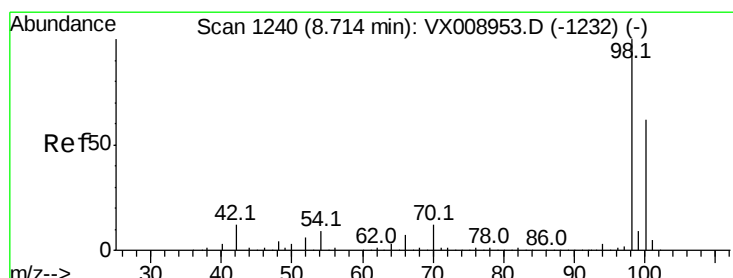
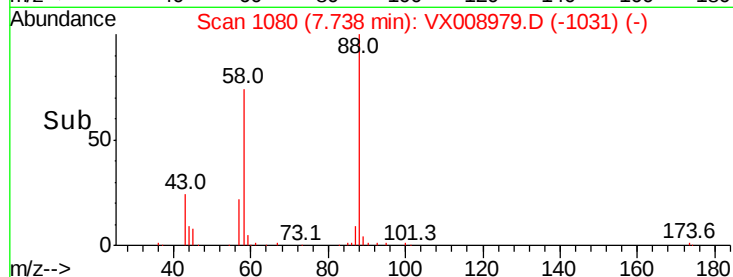
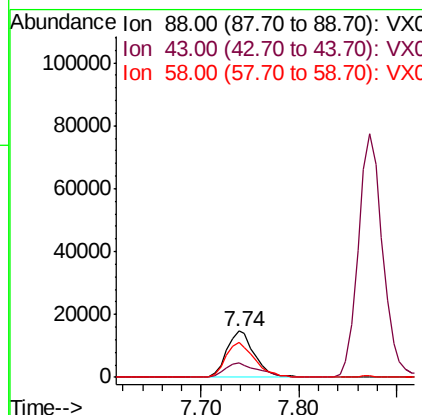
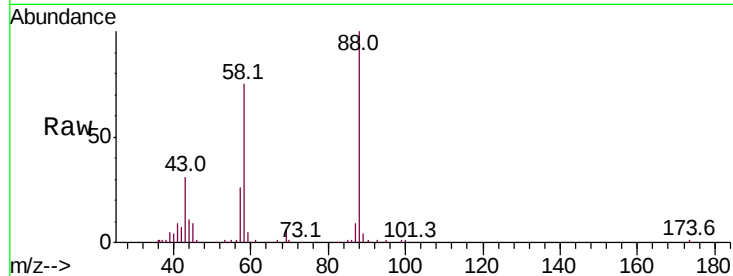
#49
1,4-Dioxane
Concen: 426.518 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	29.3	43.9
58	78.5	62.6	93.8

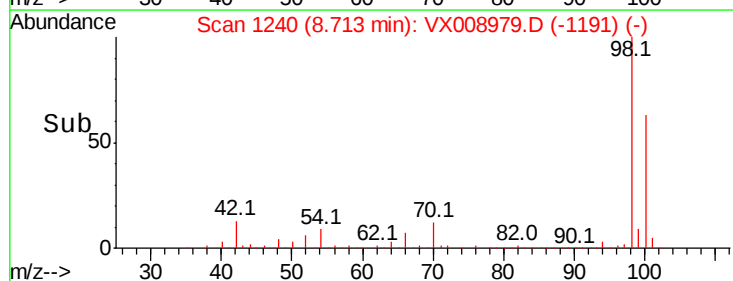
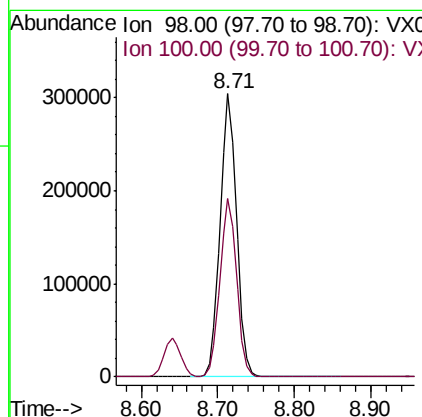
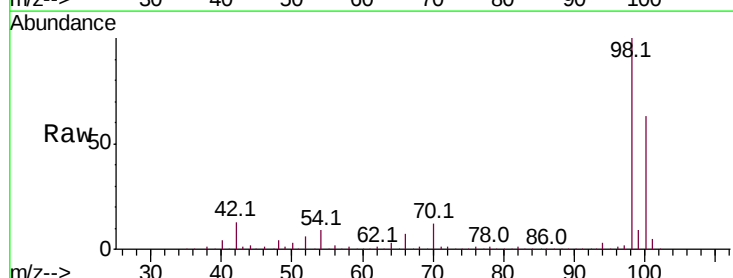
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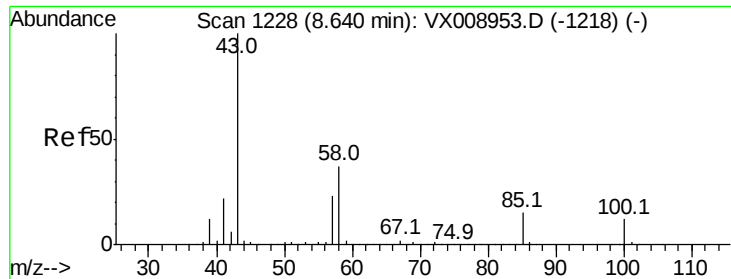
MMDadoda
4/17/2019 9:58:52 AM



#50
Toluene-d8
Concen: 51.123 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 107.553 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 509588

Ion Ratio Lower Upper

43 100

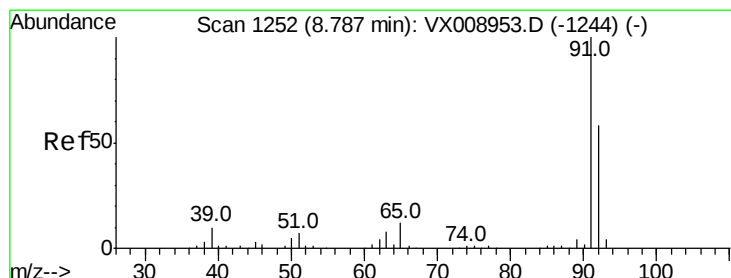
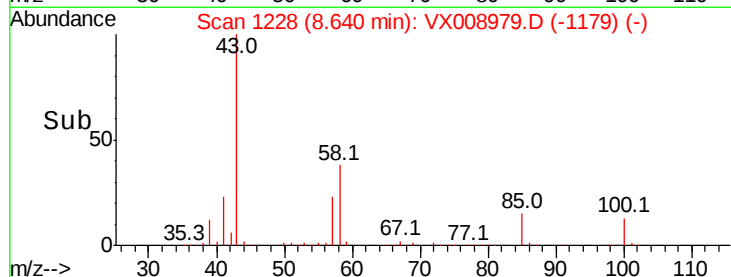
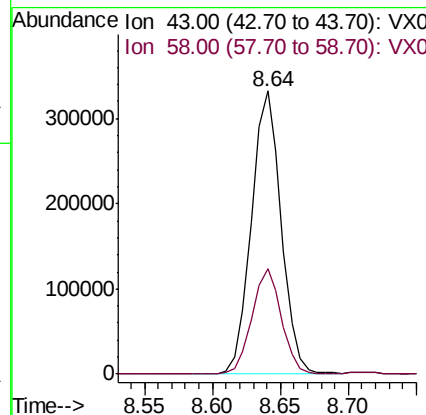
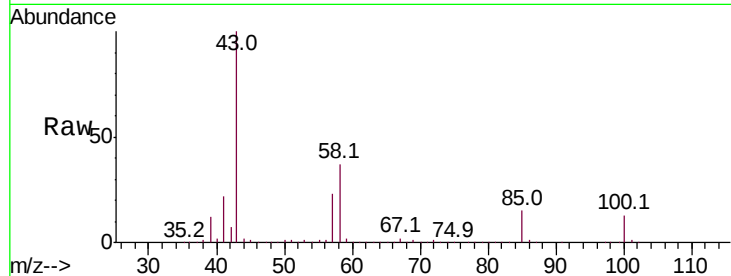
58 37.0 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 20.677 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008979.D

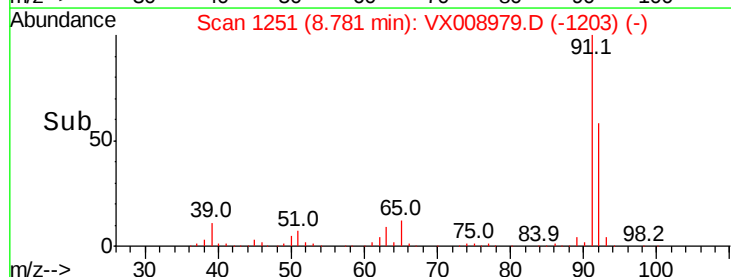
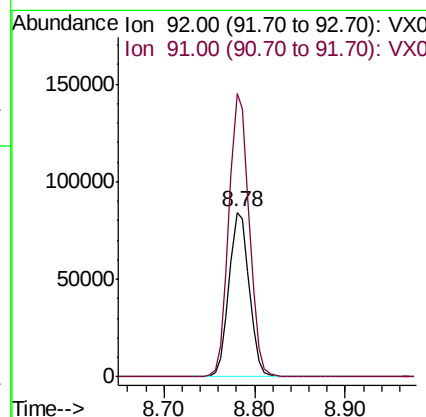
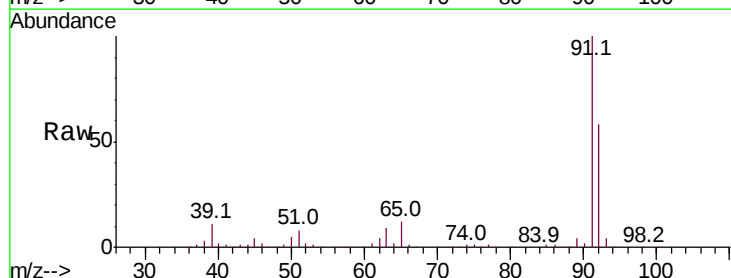
Acq: 16 Apr 2019 11:59

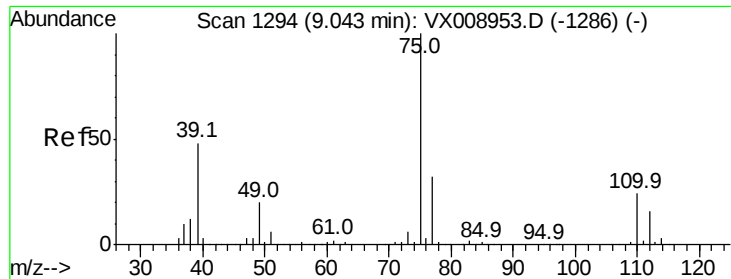
Tgt Ion: 92 Resp: 131117

Ion Ratio Lower Upper

92 100

91 172.5 138.5 207.7





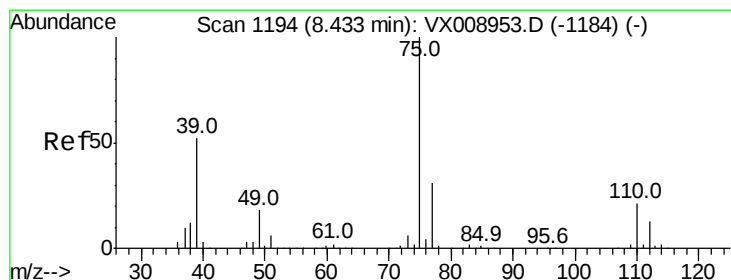
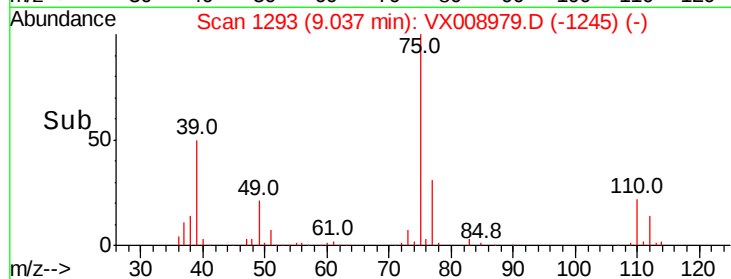
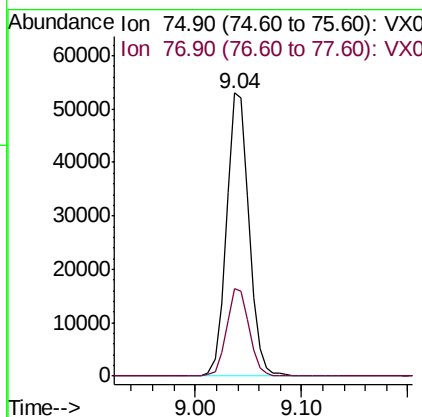
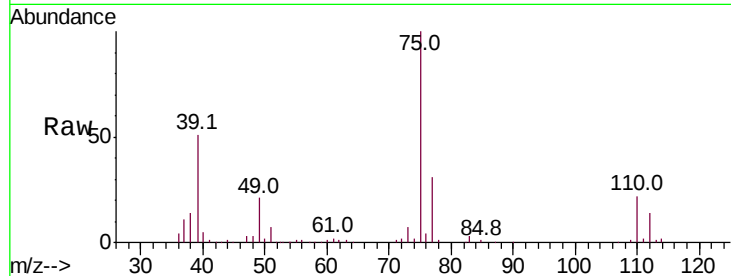
#53
t-1,3-Dichloropropene
Concen: 20.350 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 75 Resp: 78469
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

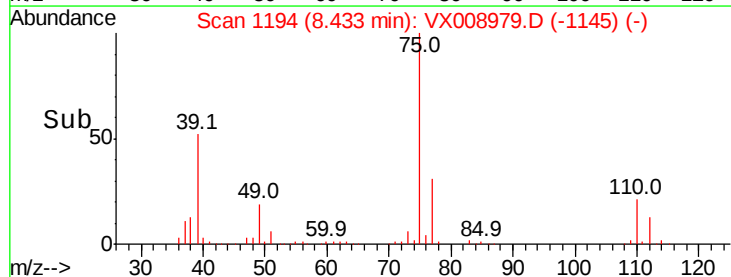
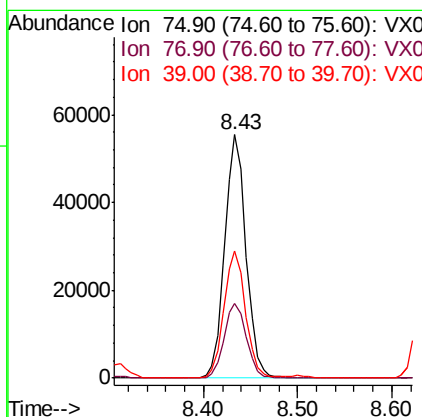
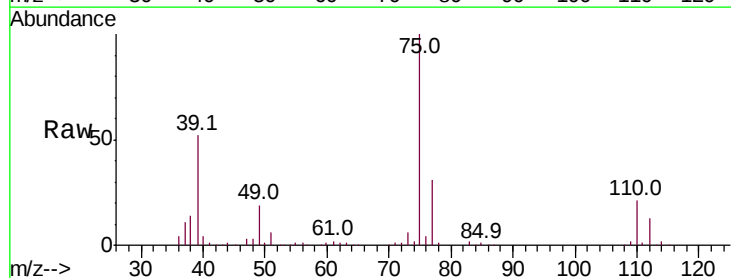
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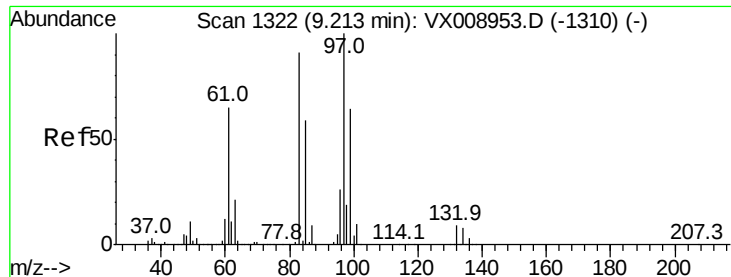
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.103 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 75 Resp: 86796
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 52.1 41.8 62.6





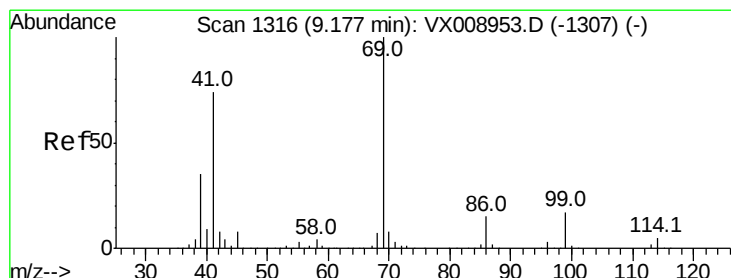
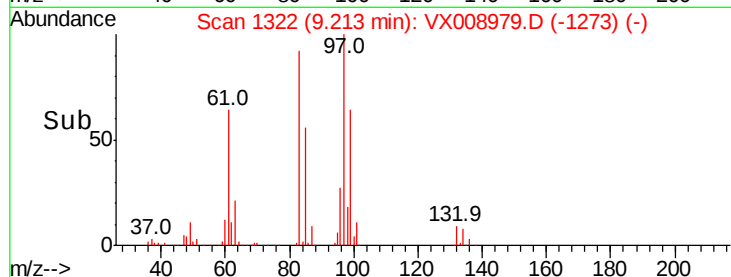
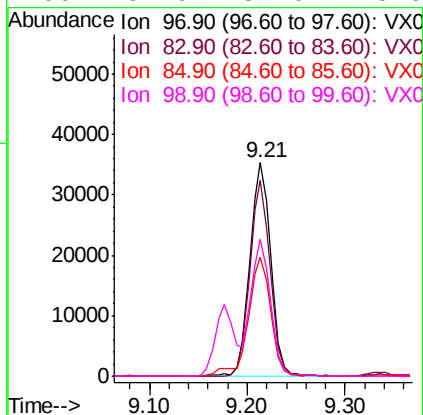
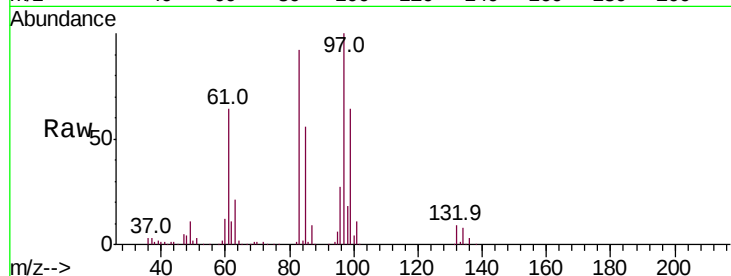
#55
 1,1,2-Trichloroethane
 Concen: 20.753 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion:	97	Resp:	52155
Ion	Ratio	Lower	Upper
97	100		
83	91.7	72.6	108.8
85	55.7	46.9	70.3
99	64.0	51.0	76.6

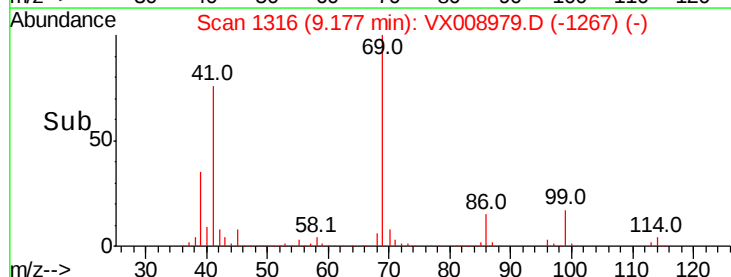
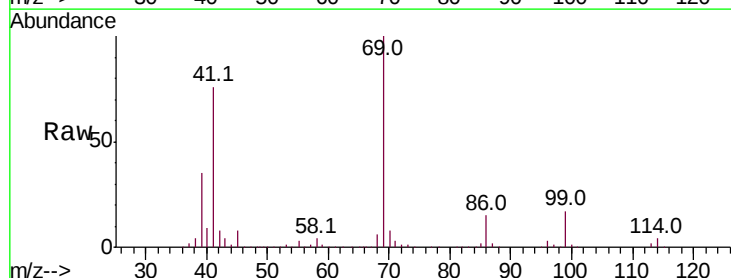
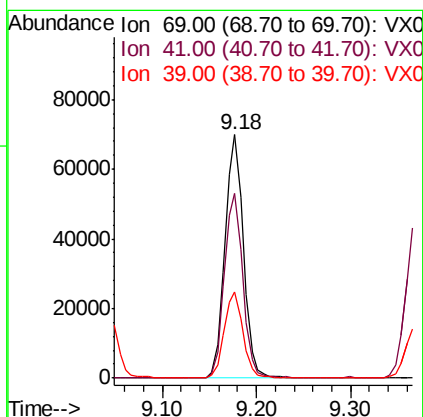
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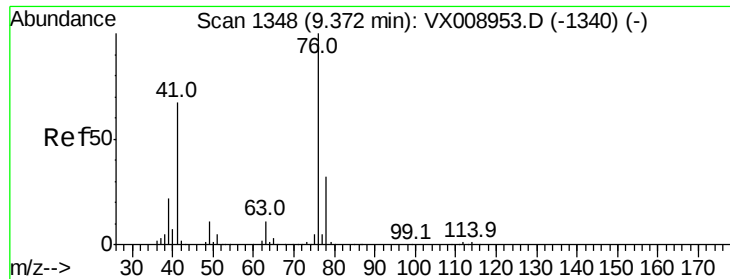
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#56
 Ethyl methacrylate
 Concen: 21.177 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion:	69	Resp:	95430
Ion	Ratio	Lower	Upper
69	100		
41	75.7	60.2	90.2
39	35.4	27.9	41.9





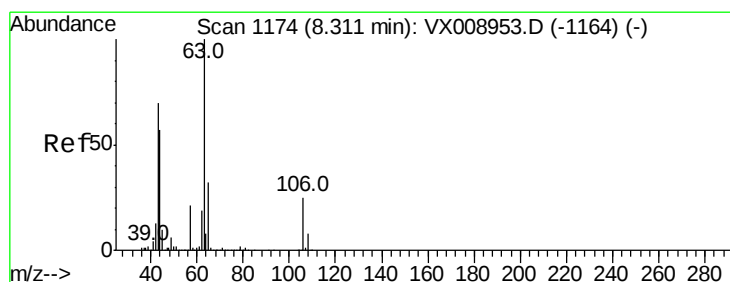
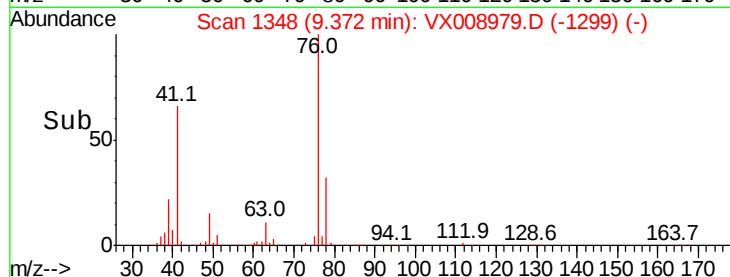
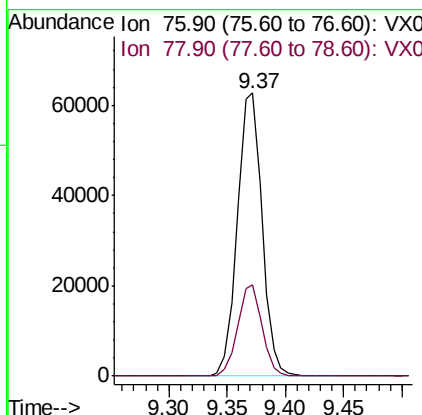
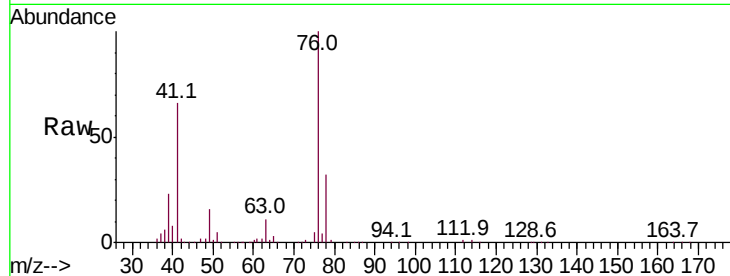
#57
 1,3-Dichloropropane
 Concen: 20.820 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion: 76 Resp: 93164
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5

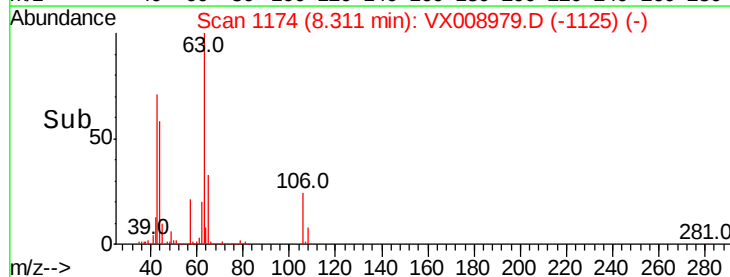
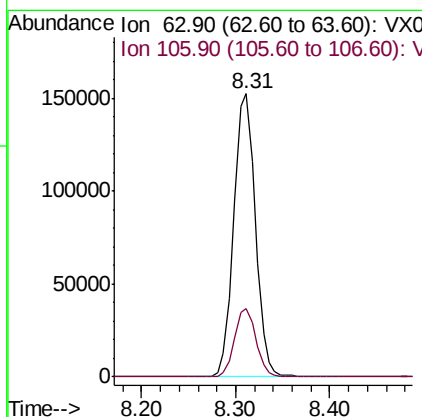
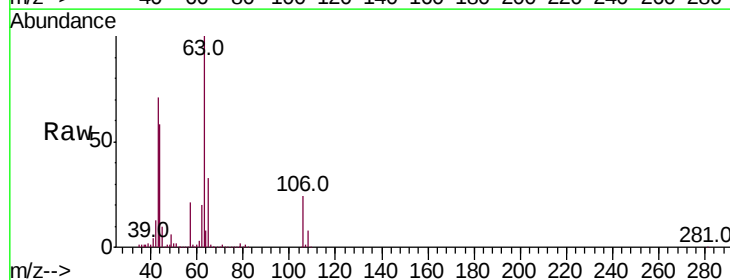
Manual Integrations
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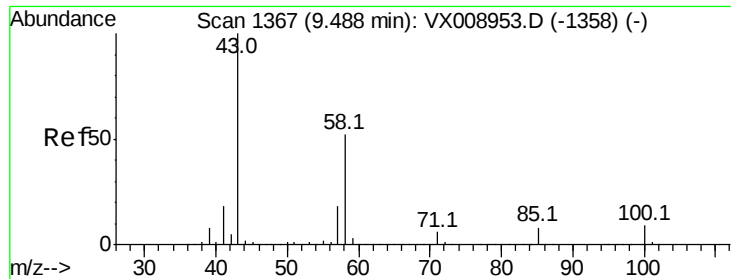
MMDadoda
 4/17/2019 9:58:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.648 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion: 63 Resp: 244239
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.8 29.6





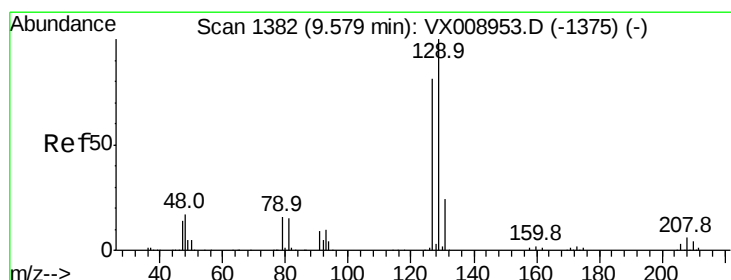
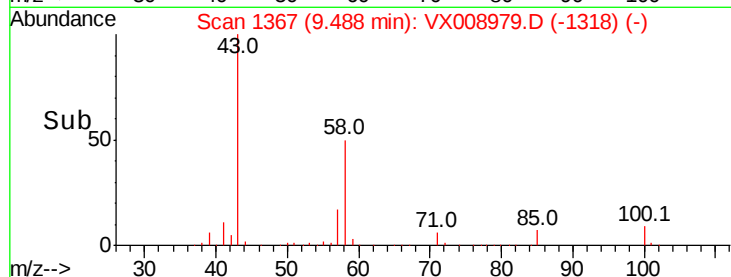
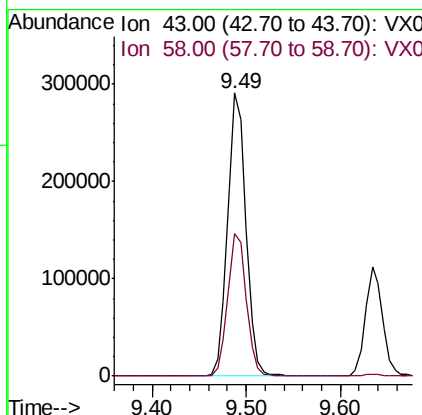
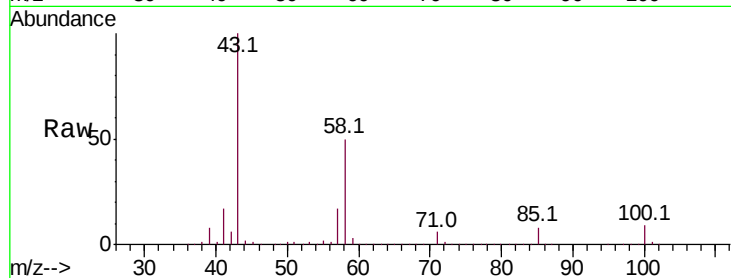
#59
2-Hexanone
Concen: 108.219 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 43 Resp: 395316
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8

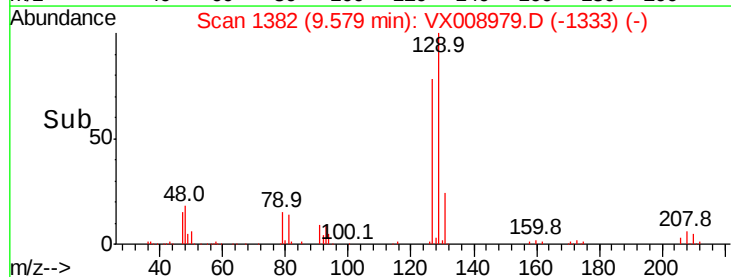
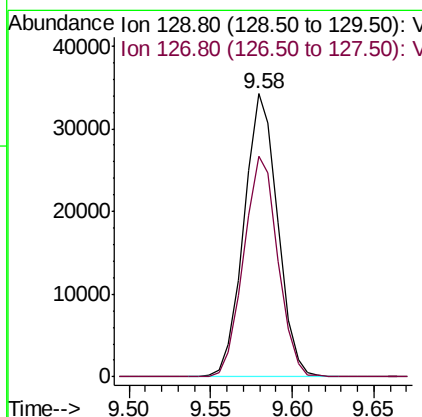
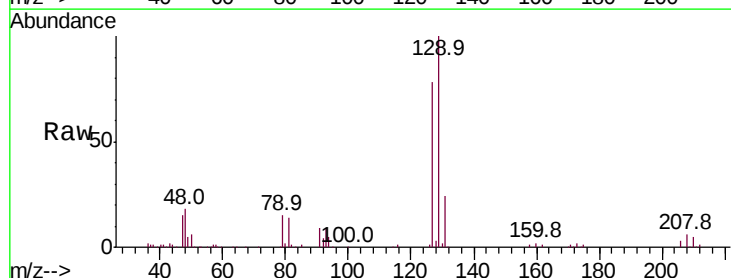
Manual Integrations
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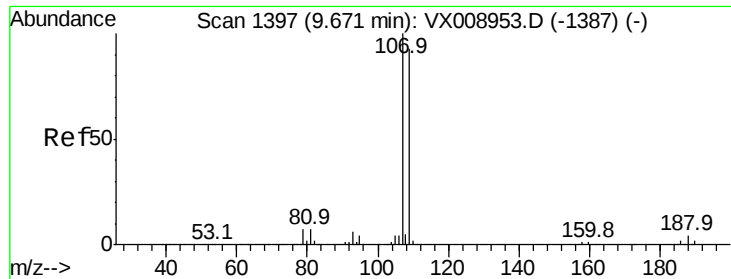
MMDadoda
4/17/2019 9:58:52 AM



#60
Dibromochloromethane
Concen: 20.502 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 129 Resp: 49382
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





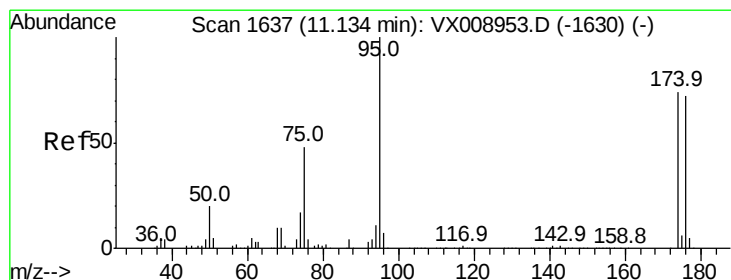
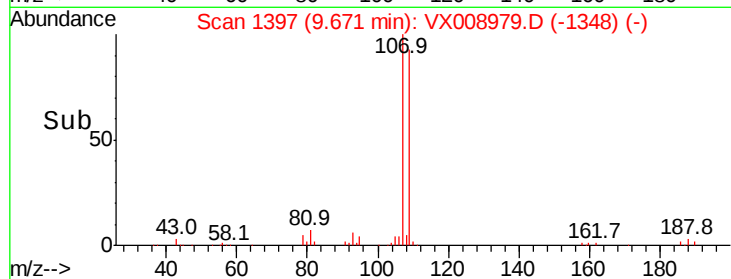
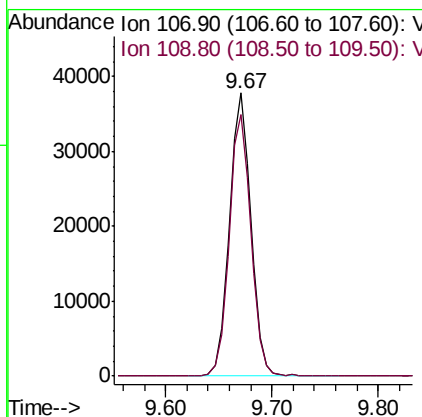
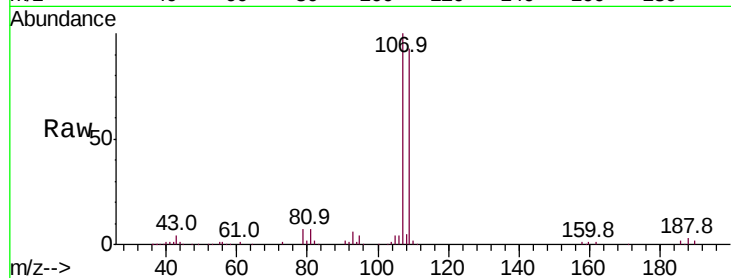
#61
 1,2-Dibromoethane
 Concen: 20.625 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.4	111.6

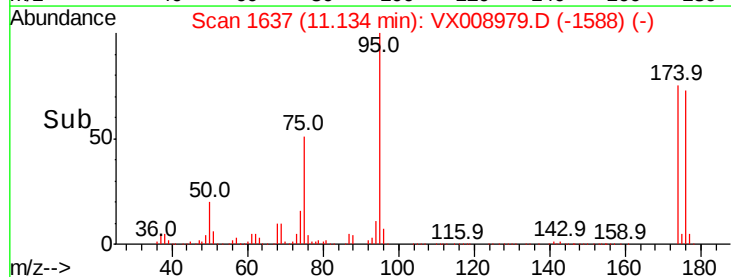
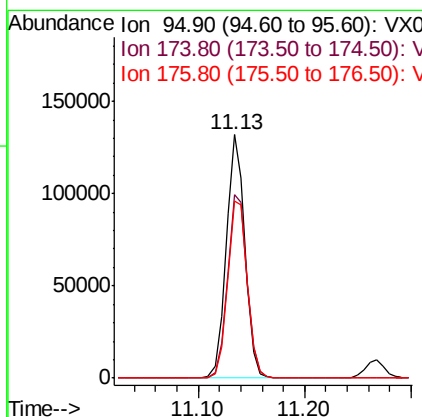
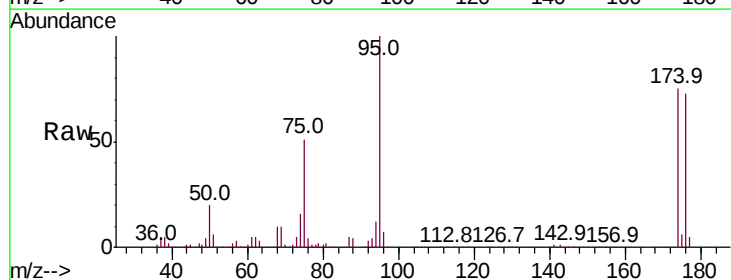
Manual Integrations
 APPROVED

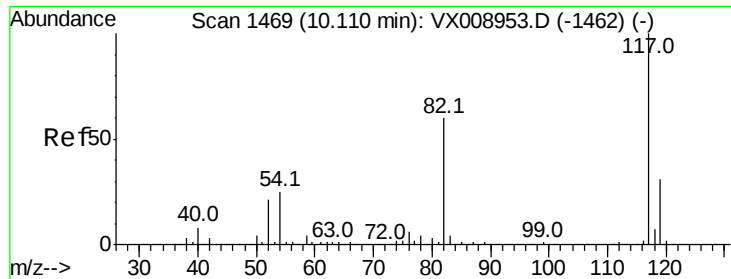
MMDadoda
 4/17/2019 9:58:52 AM



#62
 4-Bromofluorobenzene
 Concen: 51.317 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	159.6
176	77.3	0.0	154.8





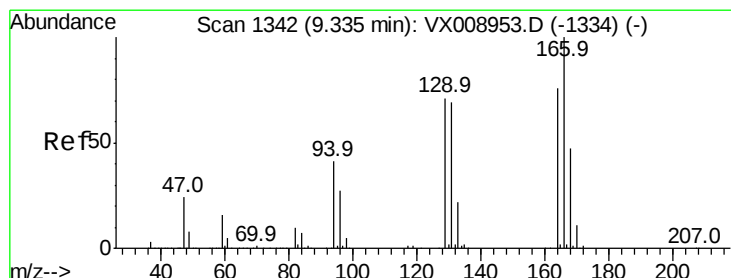
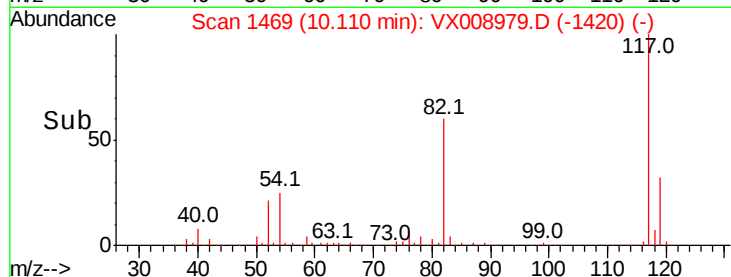
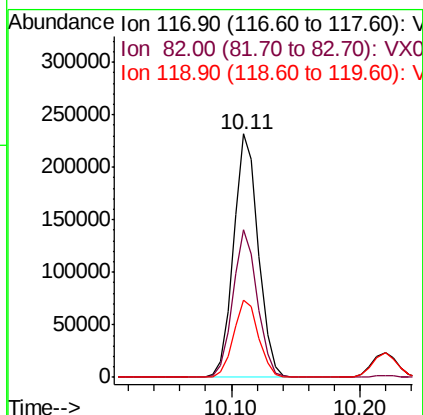
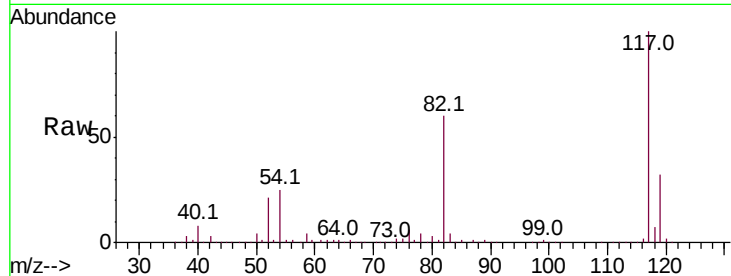
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	48.2	72.4
119	31.7	25.0	37.6

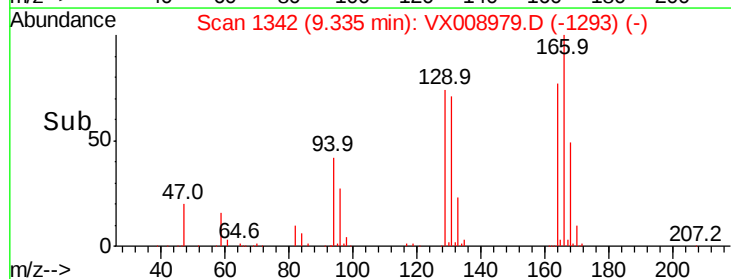
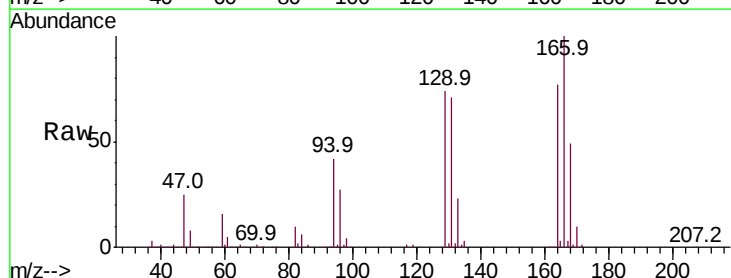
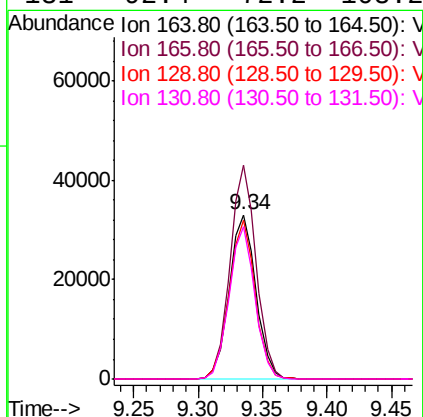
Manual Integrations
APPROVED

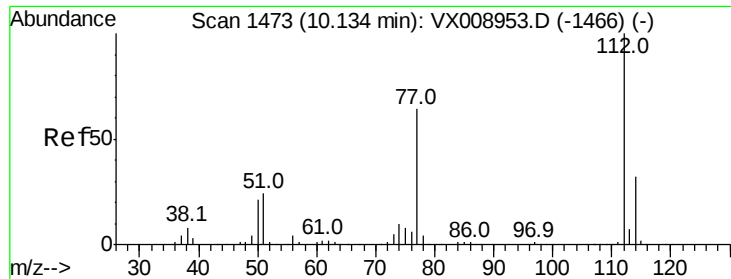
MMDadoda
4/17/2019 9:58:52 AM



#64
Tetrachloroethene
Concen: 20.467 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	105.0	157.4
129	96.6	74.2	111.4
131	92.4	72.2	108.2





#65

Chlorobenzene

Concen: 20.471 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:112 Resp: 133495

Ion Ratio Lower Upper

112 100

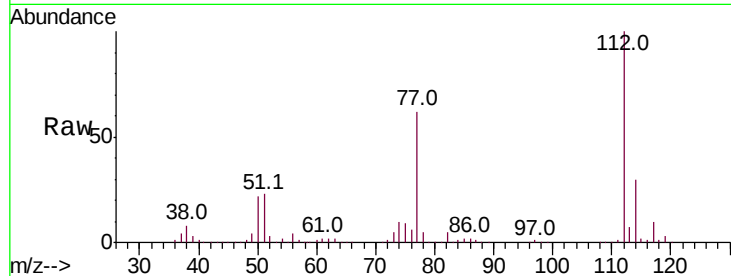
114 29.9 25.4 38.0

Manual Integrations

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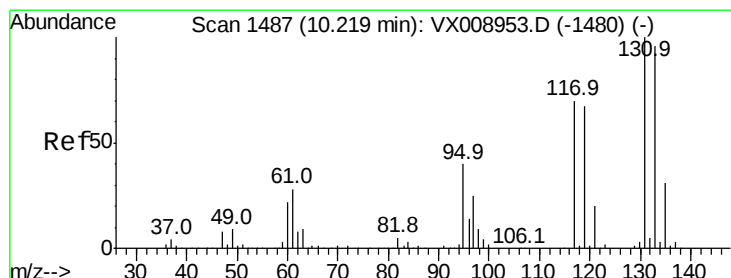
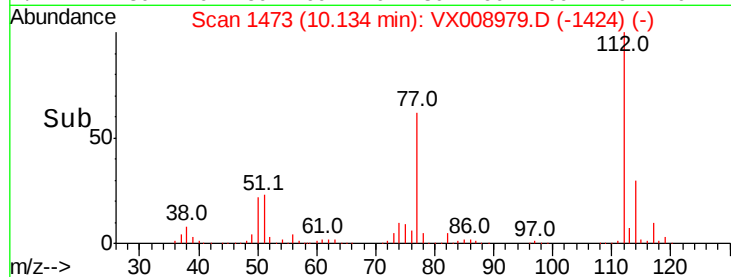
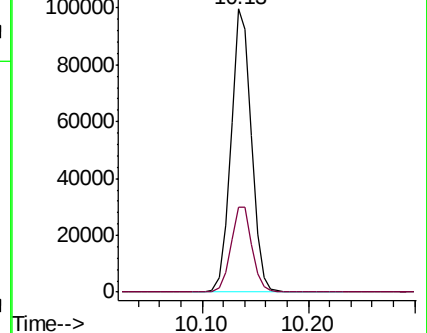
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.505 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

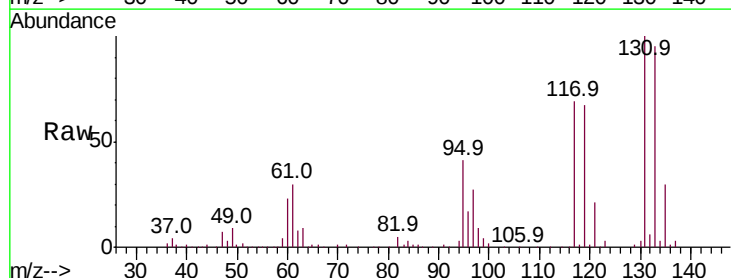
Tgt Ion:131 Resp: 47106

Ion Ratio Lower Upper

131 100

133 93.0 48.0 144.2

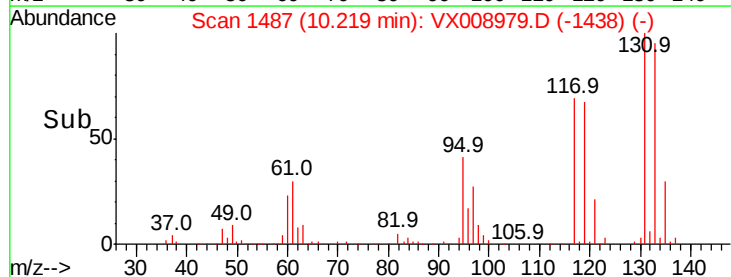
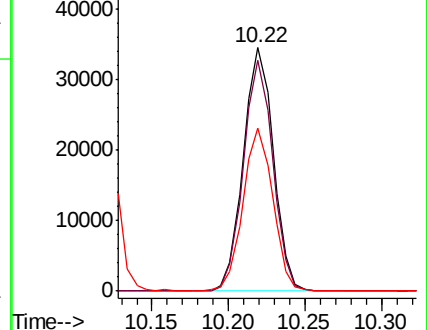
119 66.6 33.7 101.1

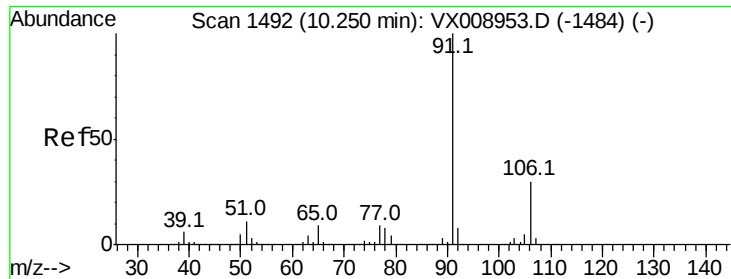


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.630 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 91 Resp: 245930

Ion Ratio Lower Upper

91 100

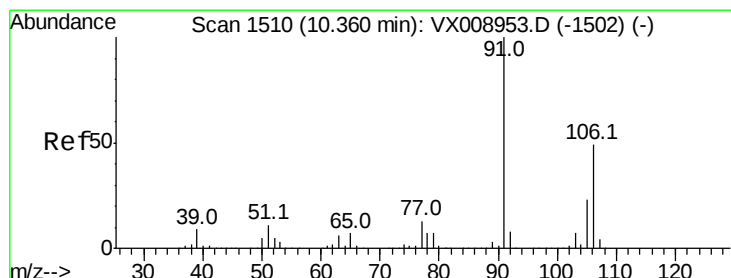
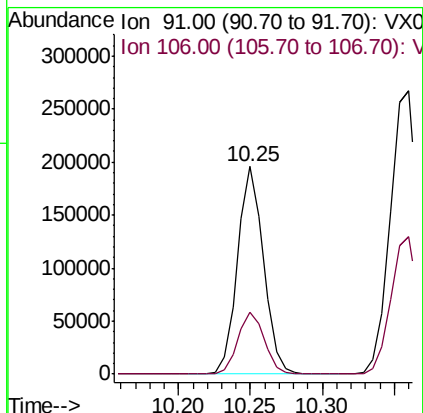
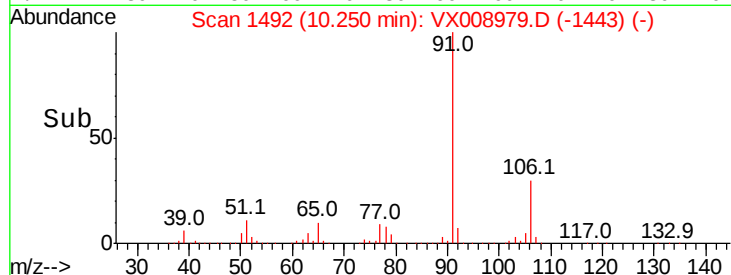
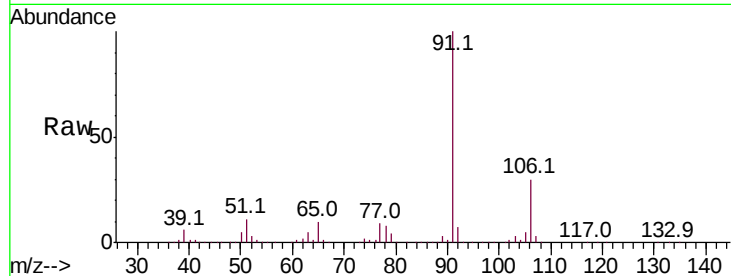
106 30.0 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.191 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008979.D

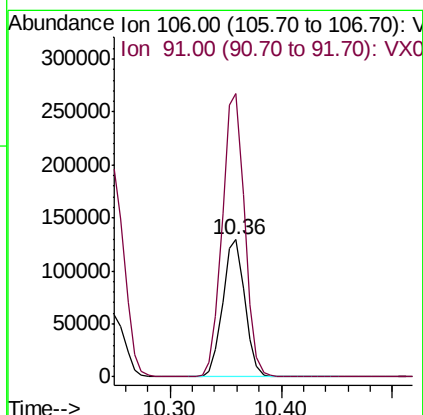
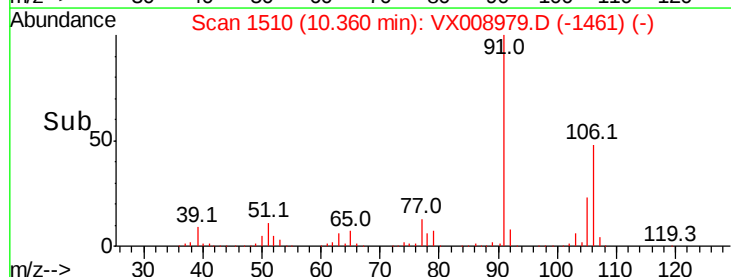
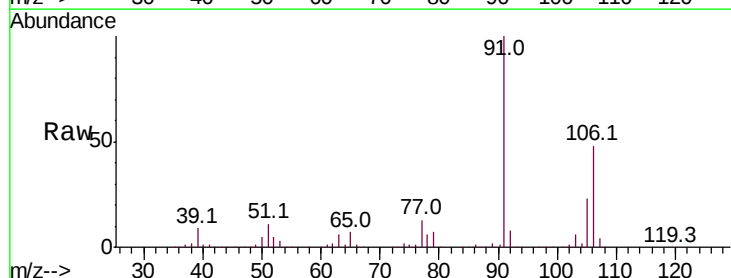
Acq: 16 Apr 2019 11:59

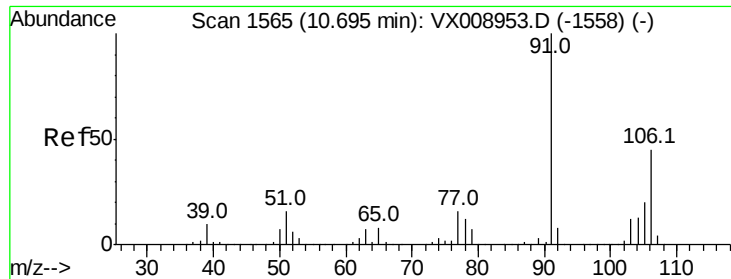
Tgt Ion: 106 Resp: 178453

Ion Ratio Lower Upper

106 100

91 208.1 165.4 248.2





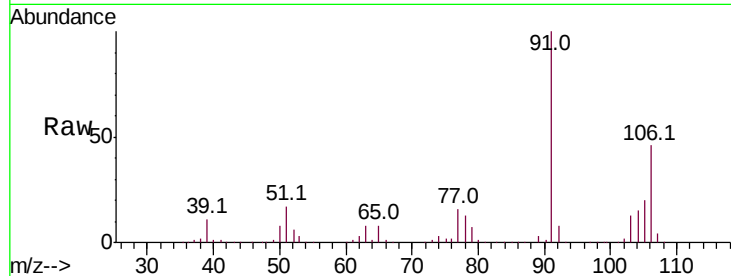
#69
o-Xylene
Concen: 20.702 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

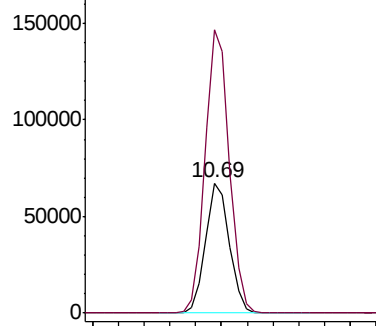
Tot Ion:106 Resp: 87268
Ion Ratio Lower Upper
106 100
91 219.7 108.9 326.7

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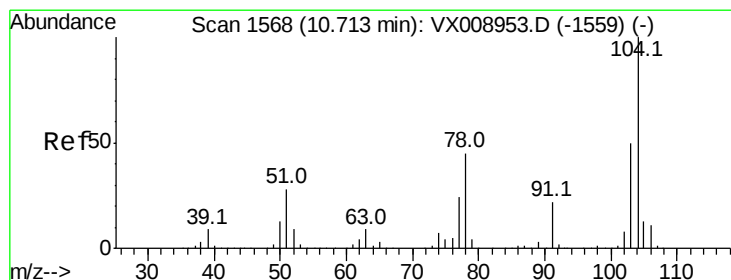
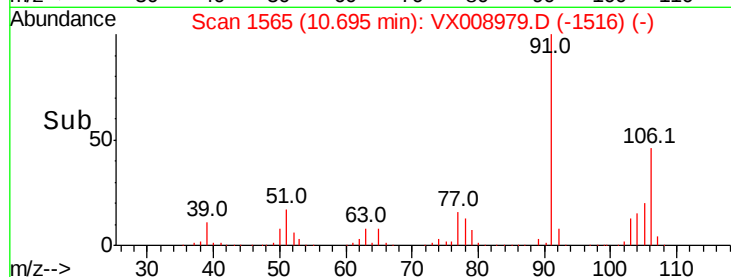
MMDadoda
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

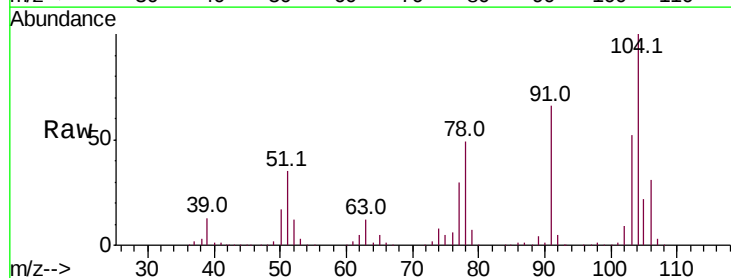


Time--> 10.60 10.70 10.80

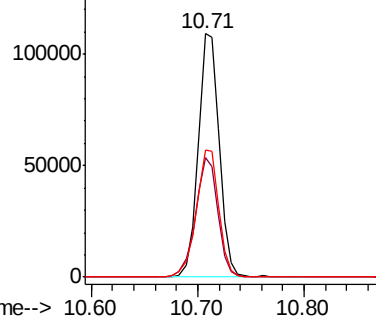


#70
Styrene
Concen: 20.725 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

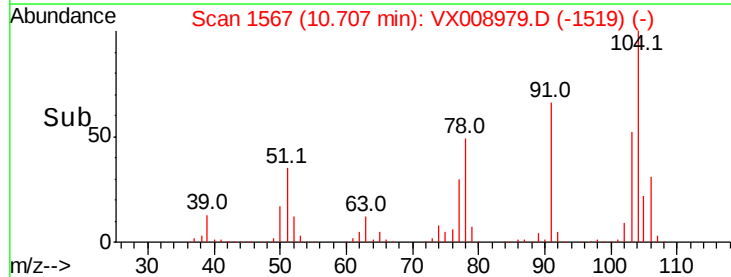
Tgt Ion:104 Resp: 151396
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 55.8 43.9 65.9

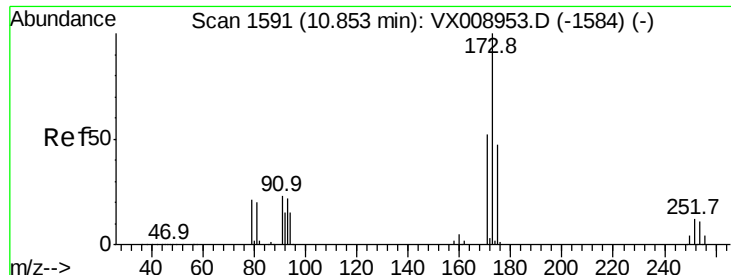


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 19.784 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:173 Resp: 36210

Ion Ratio Lower Upper

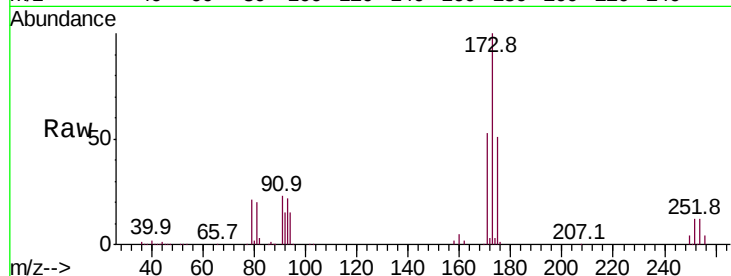
173 100

175 50.4 23.9 71.8

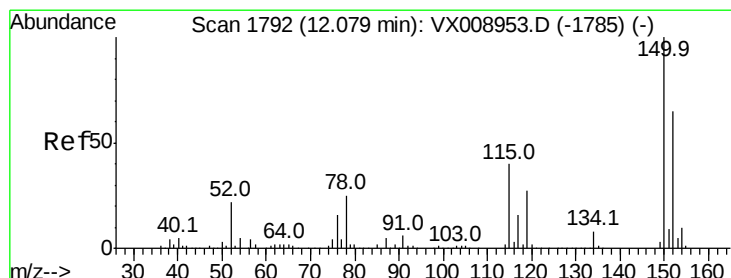
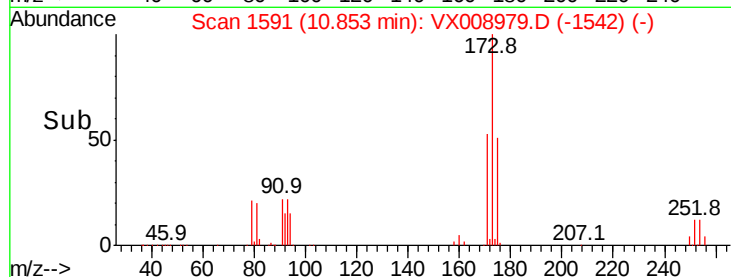
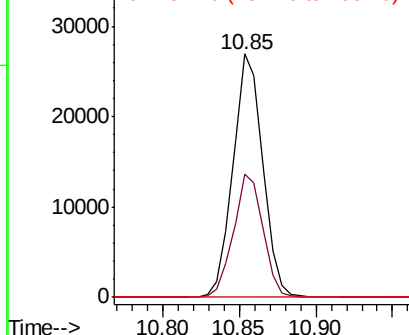
254 0.0 0.2 0.4#

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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: VX008979.D

Acq: 16 Apr 2019 11:59

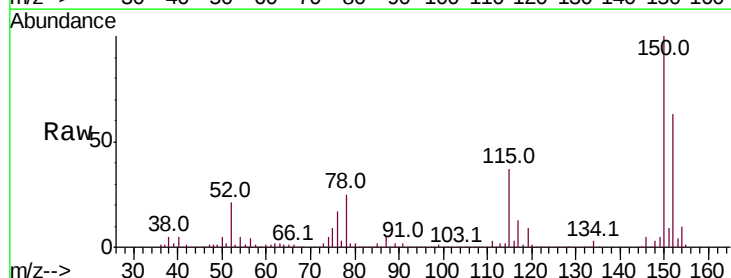
Tgt Ion:152 Resp: 146206

Ion Ratio Lower Upper

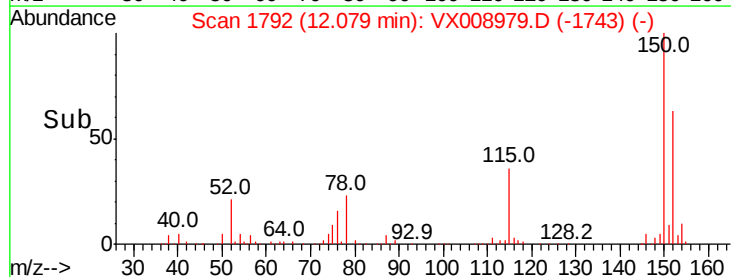
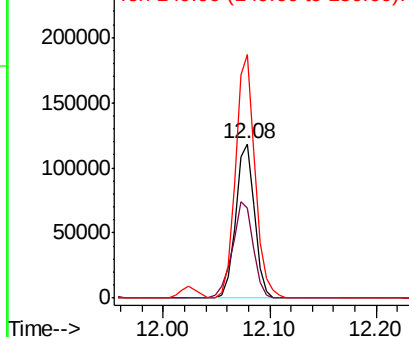
152 100

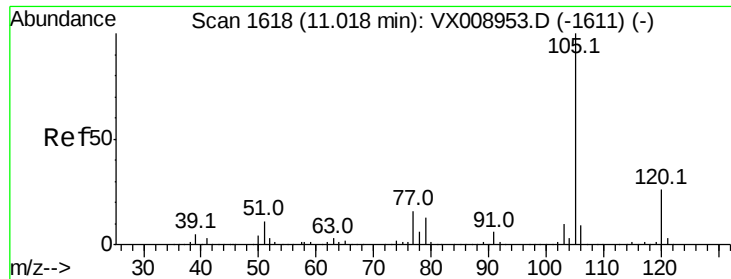
115 69.4 41.4 124.2

150 163.4 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: 21.051 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:105 Resp: 233290

Ion Ratio Lower Upper

105 100

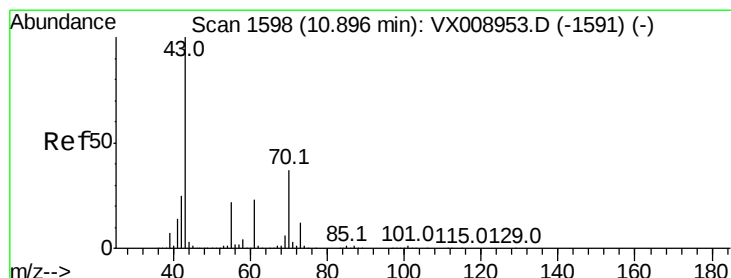
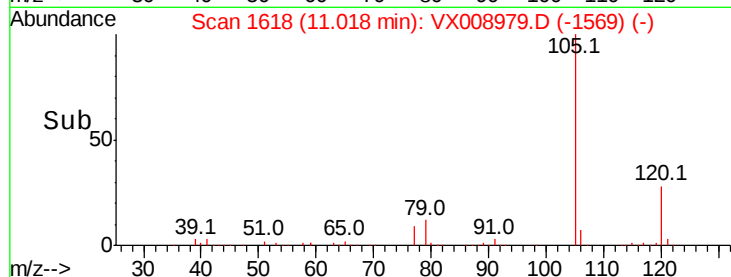
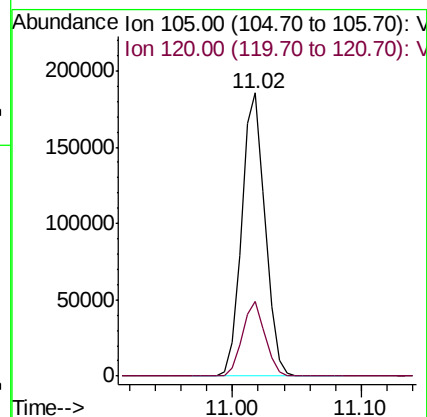
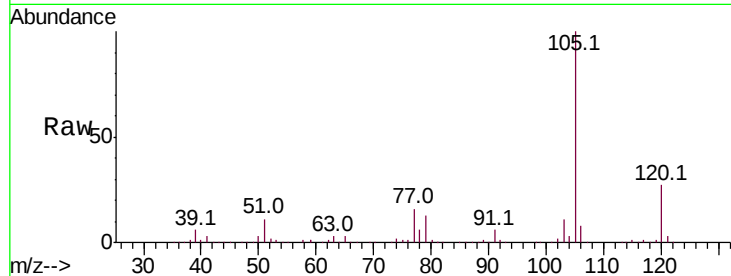
120 25.7 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.199 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion: 43 Resp: 134891

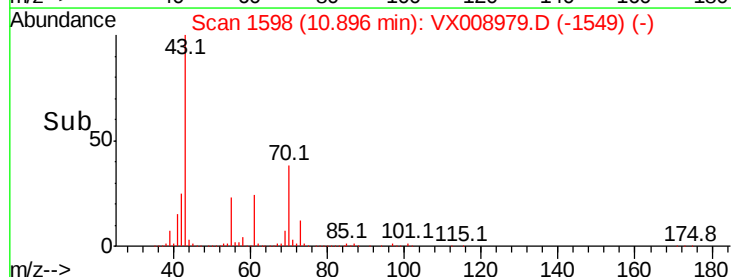
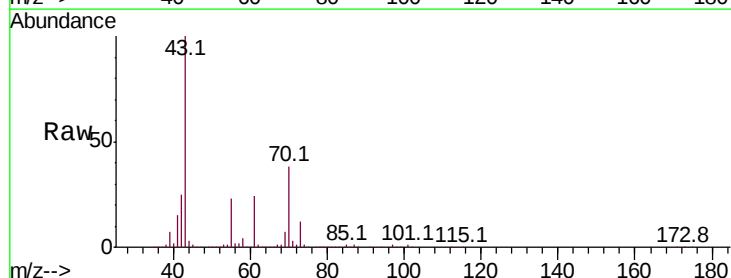
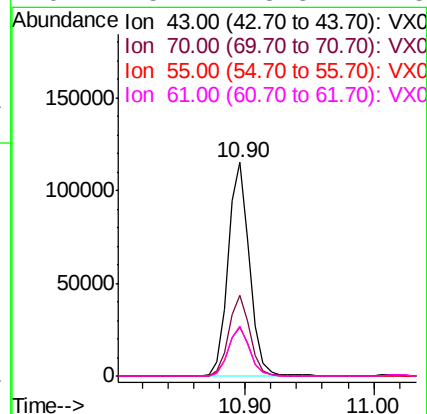
Ion Ratio Lower Upper

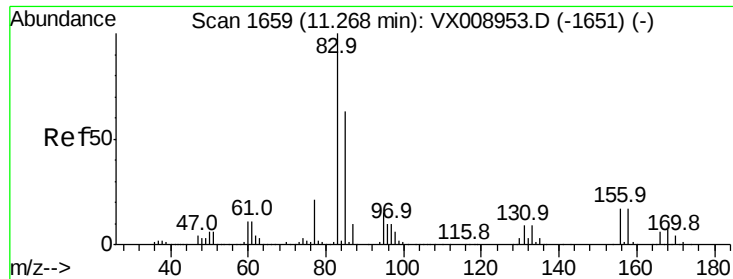
43 100

70 37.5 29.9 44.9

55 23.1 17.8 26.8

61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.706 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

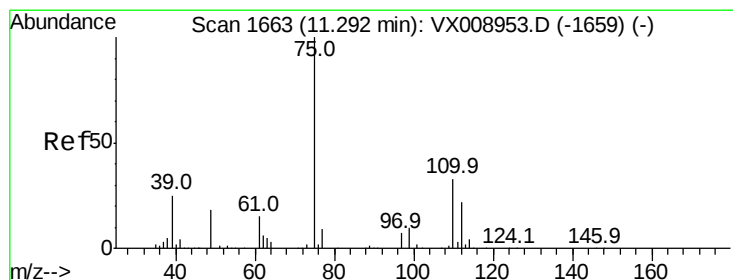
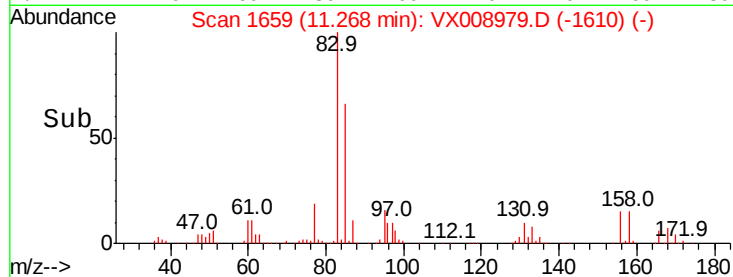
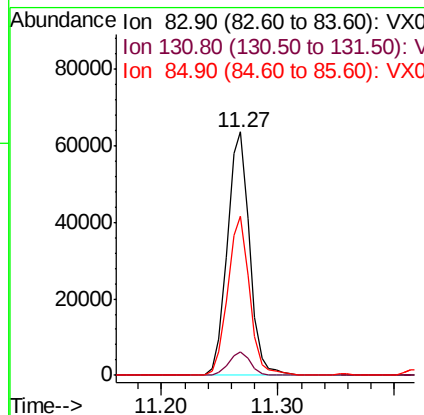
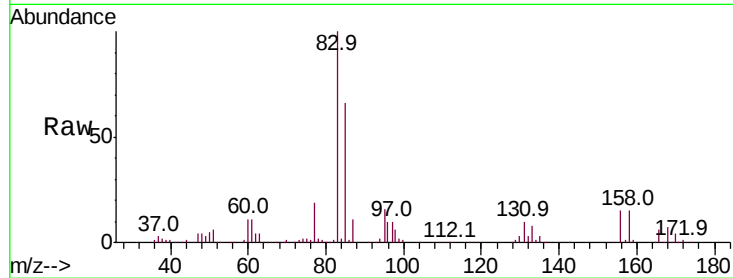
ClientSampleId :

VX0416WBS01

Tot Ion:	83	Resp:	83845
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.7	14.0
85	64.4	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
4/17/2019 9:58:52 AM



#76

1,2,3-Trichloropropane

Concen: 20.898 ug/l m

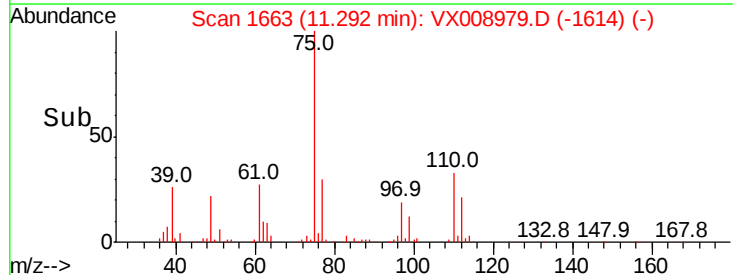
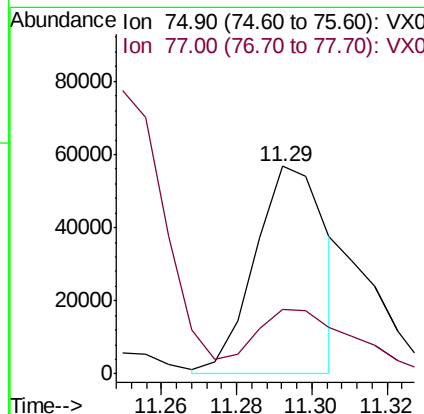
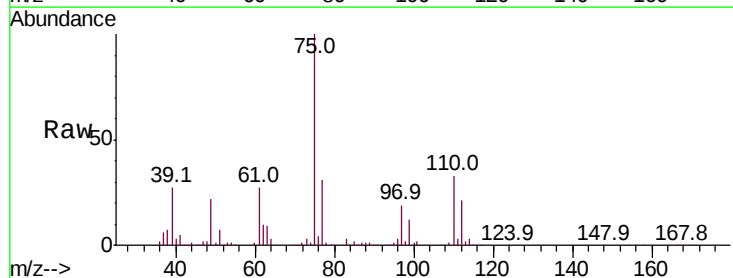
RT: 11.29 min Scan# 1663

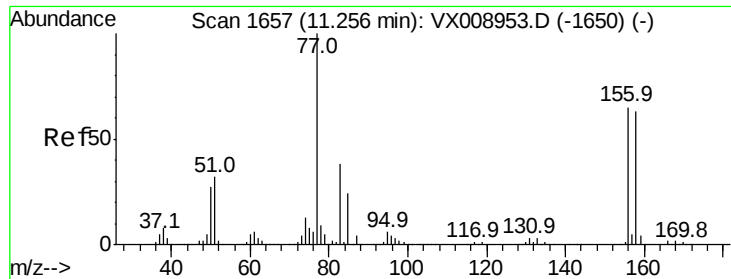
Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion:	75	Resp:	74606
Ion Ratio	Lower	Upper	
75	100		
77	43.5	22.7	68.0





#77

Bromobenzene

Concen: 20.484 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:156 Resp: 57275

Ion Ratio Lower Upper

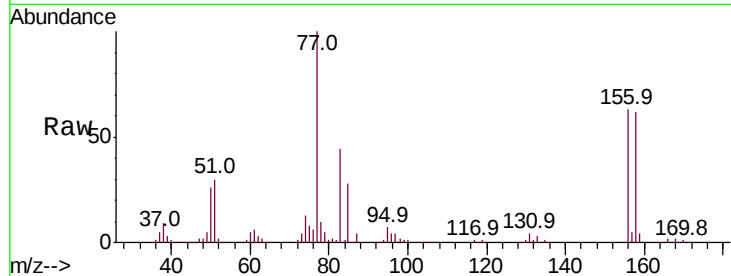
156 100

77 172.7 85.4 256.1

158 96.3 48.8 146.4

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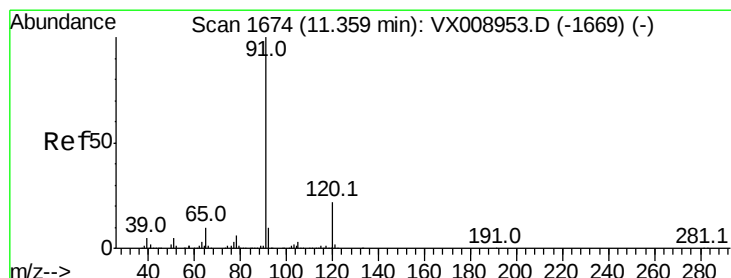
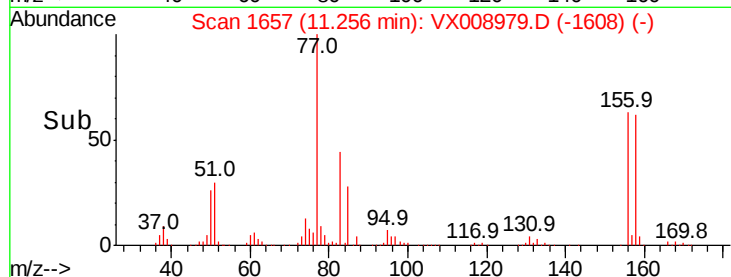
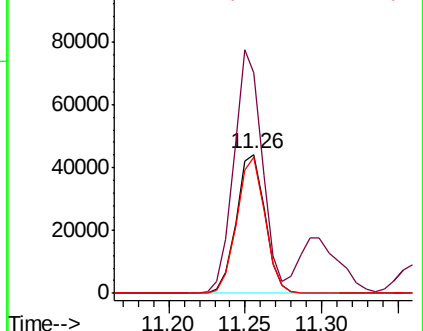
MMDadoda
4/17/2019 9:58:52 AM



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: 20.879 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008979.D

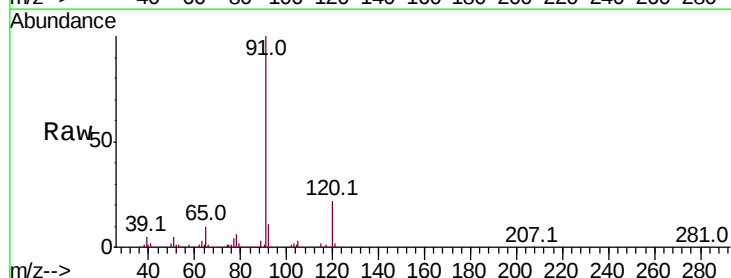
Acq: 16 Apr 2019 11:59

Tgt Ion: 91 Resp: 265584

Ion Ratio Lower Upper

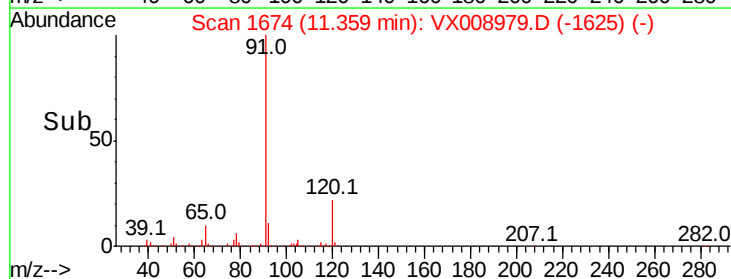
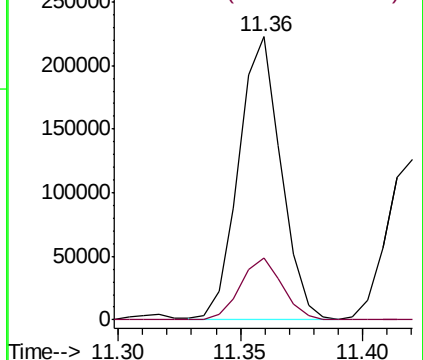
91 100

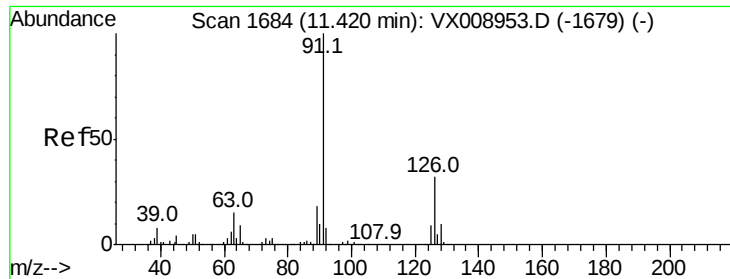
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.912 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 91 Resp: 160288

Ion Ratio Lower Upper

91 100

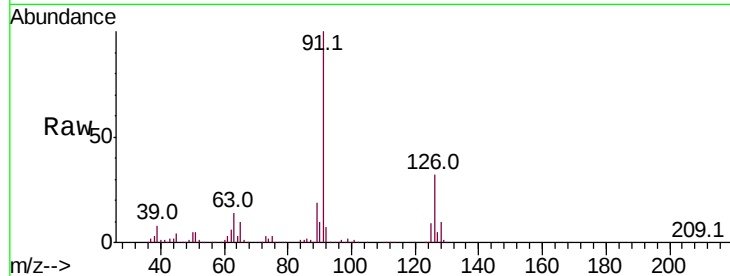
126 32.4 16.3 48.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

250000

200000

150000

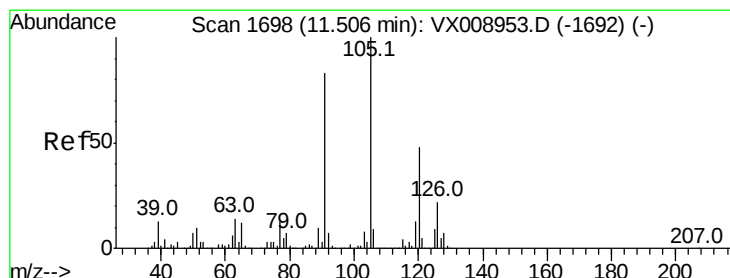
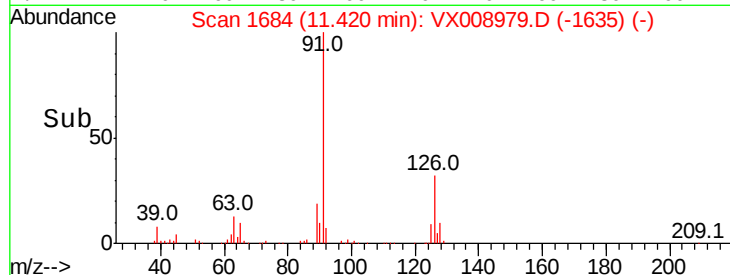
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.983 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008979.D

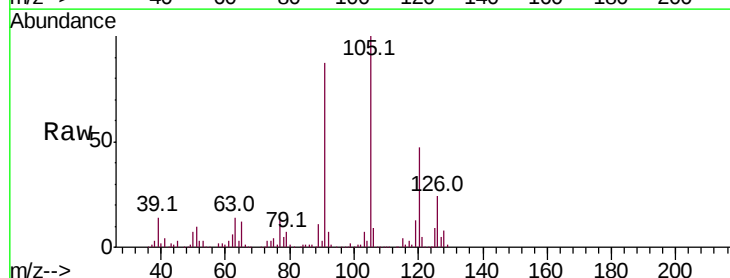
Acq: 16 Apr 2019 11:59

Tgt Ion:105 Resp: 195139

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

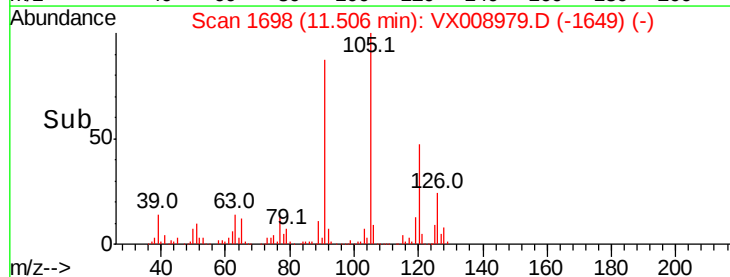
100000

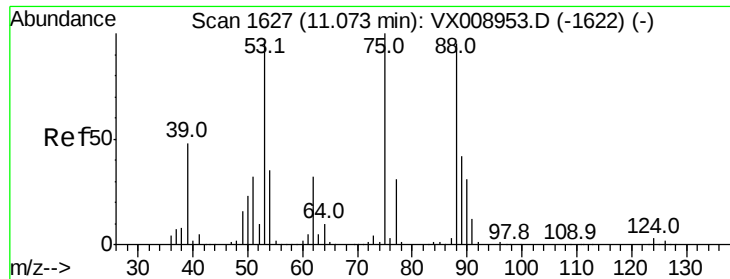
50000

0

11.45 11.50 11.55

Time-->





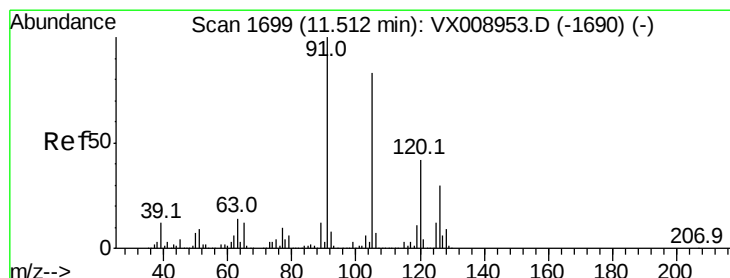
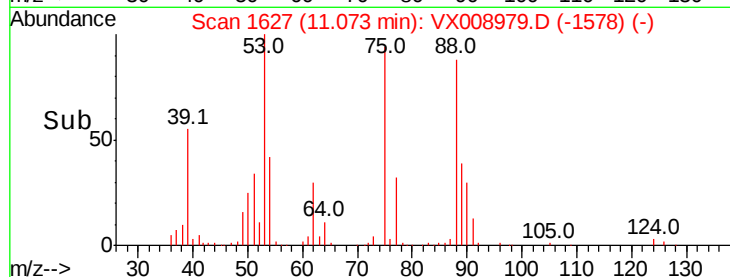
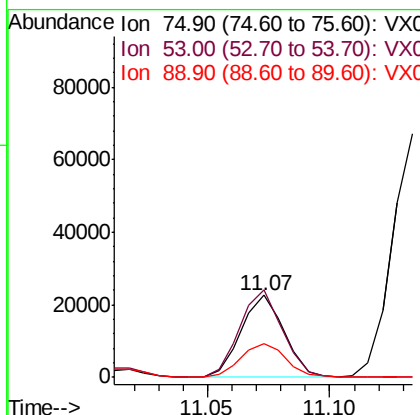
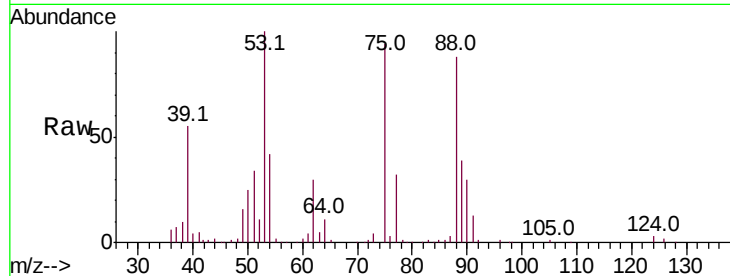
#81
trans-1,4-Dichloro-2-butene
Concen: 19.816 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 75 Resp: 27556
Ion Ratio Lower Upper
75 100
53 107.6 78.2 117.4
89 44.1 36.0 54.0

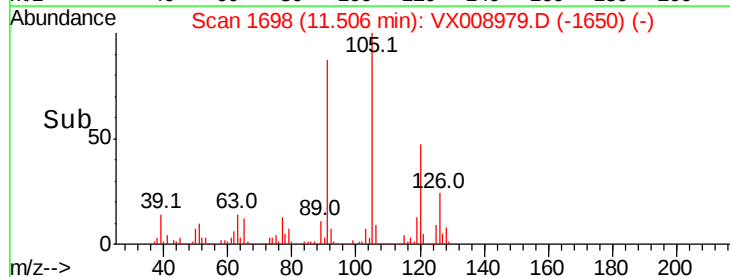
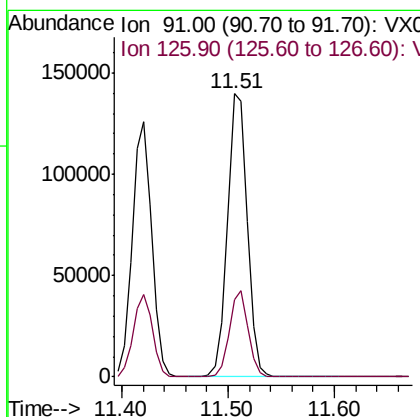
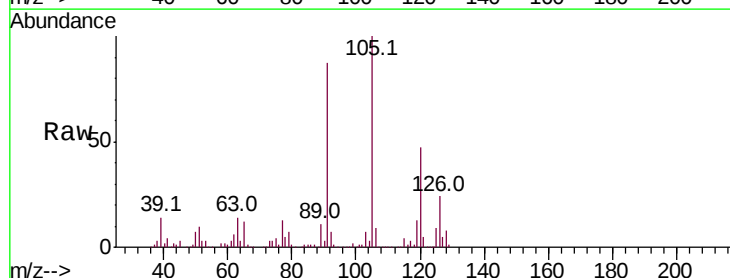
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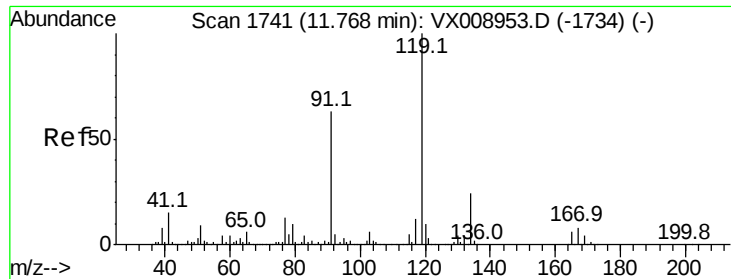
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#82
4-Chlorotoluene
Concen: 20.574 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion: 91 Resp: 183152
Ion Ratio Lower Upper
91 100
126 28.7 14.3 42.9





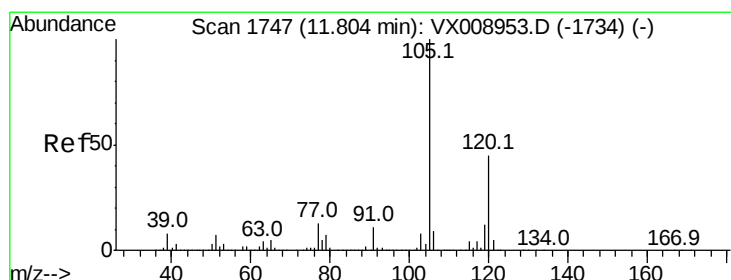
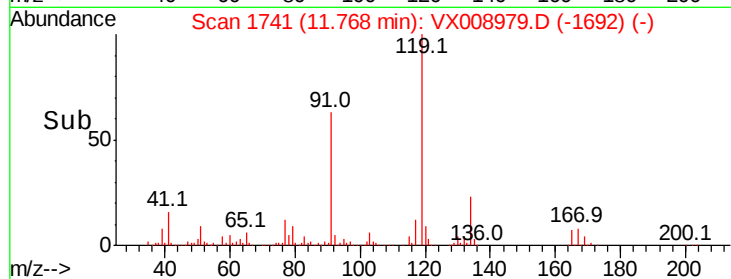
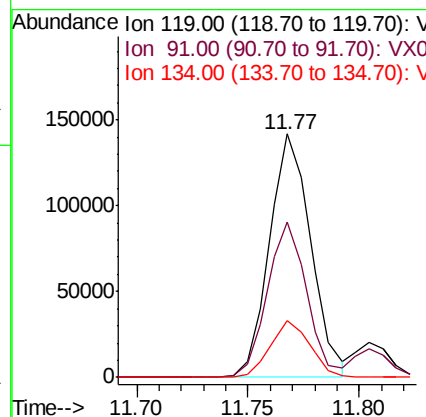
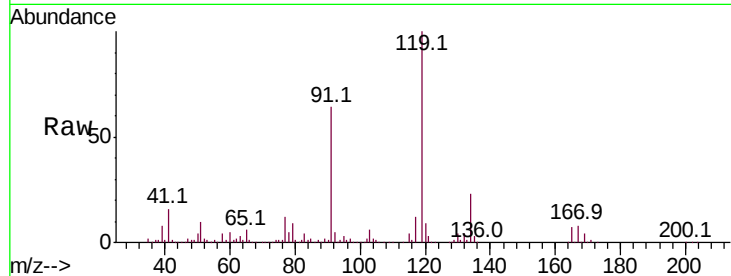
#83
tert-Butylbenzene
Concen: 20.540 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	183389		
91	61.1	29.7	89.1	
134	22.5	11.2	33.5	

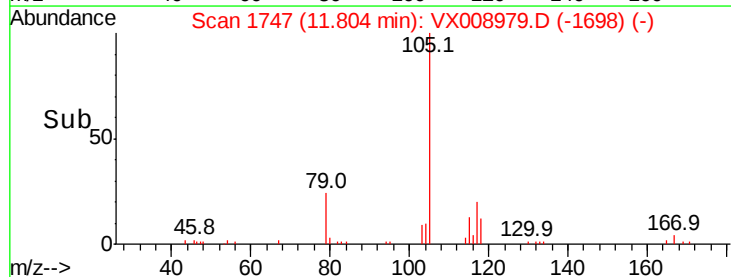
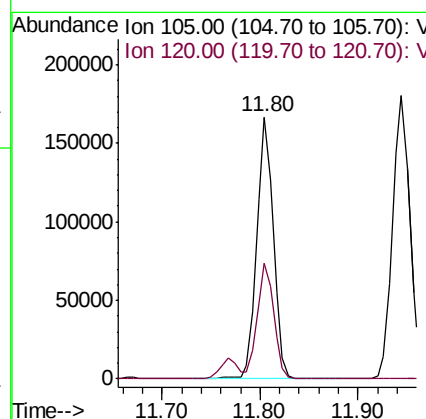
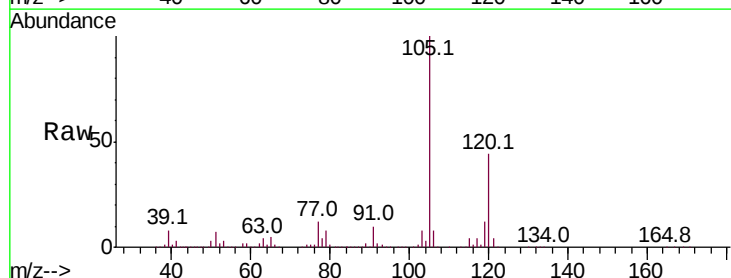
Manual Integrations
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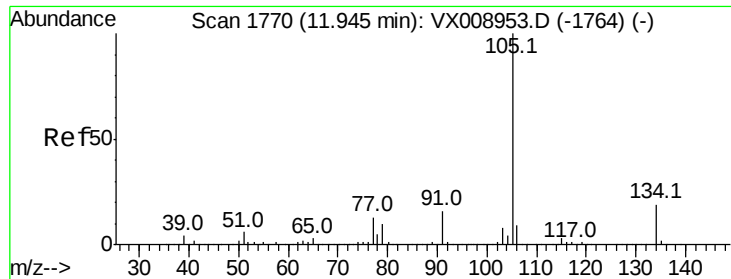
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#84
1,2,4-Trimethylbenzene
Concen: 20.715 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	196096		
120	43.4	21.9	65.8	





#85

sec-Butylbenzene

Concen: 20.778 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:105 Resp: 221261

Ion Ratio Lower Upper

105 100

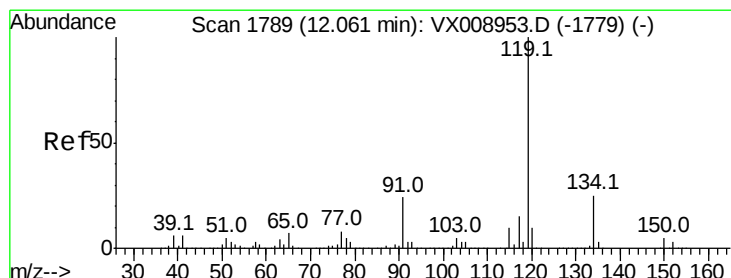
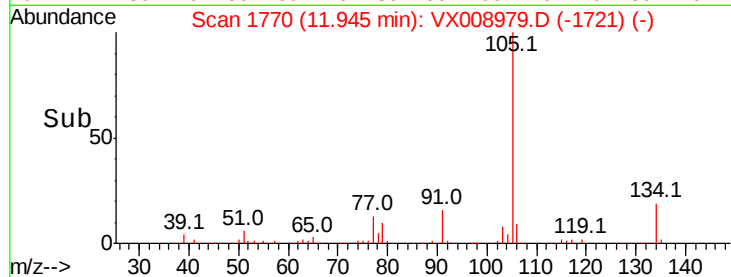
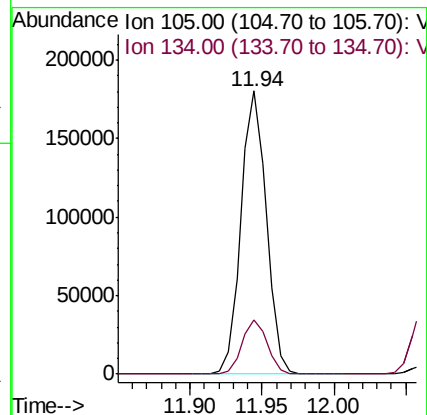
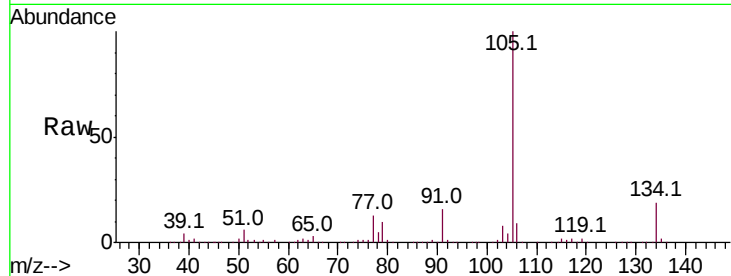
134 19.2 9.6 28.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.662 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

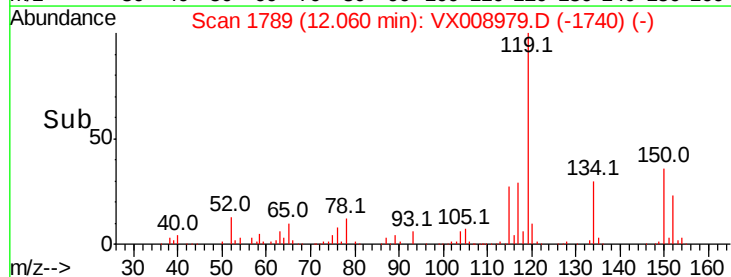
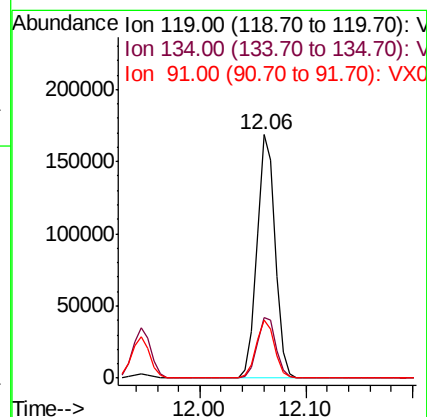
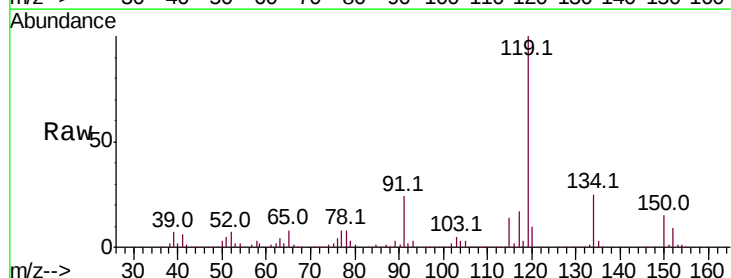
Tgt Ion:119 Resp: 202291

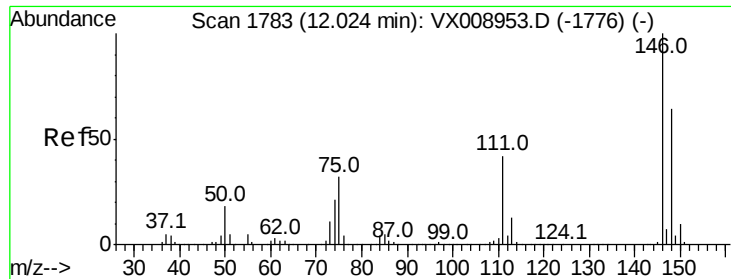
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.2 11.9 35.5





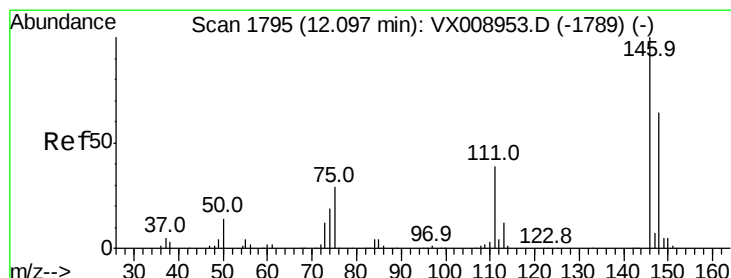
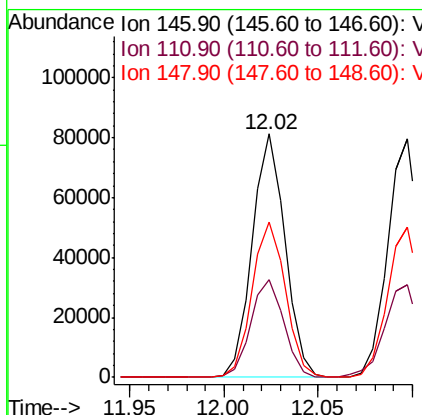
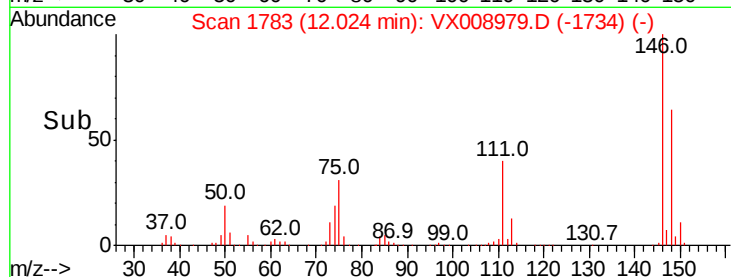
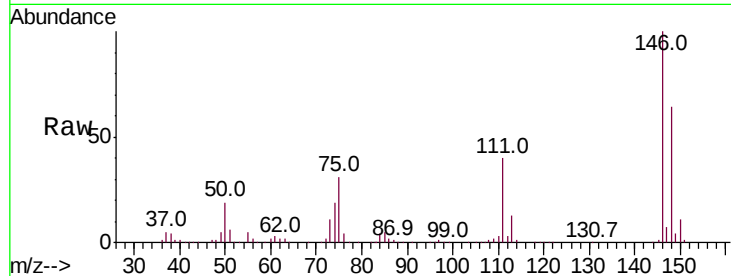
#87
 1,3-Dichlorobenzene
 Concen: 20.111 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.6
148	64.8	32.2	96.6

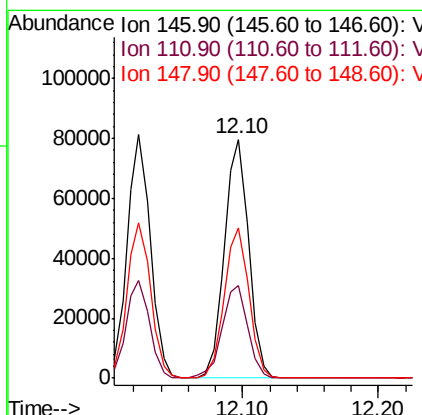
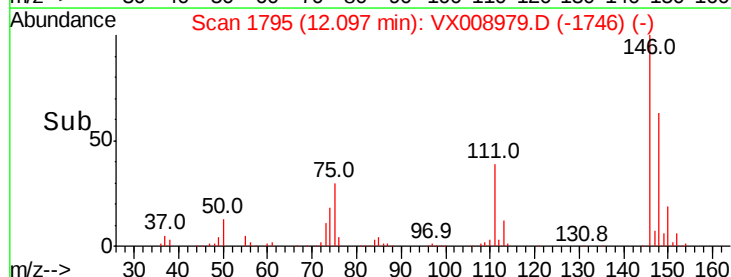
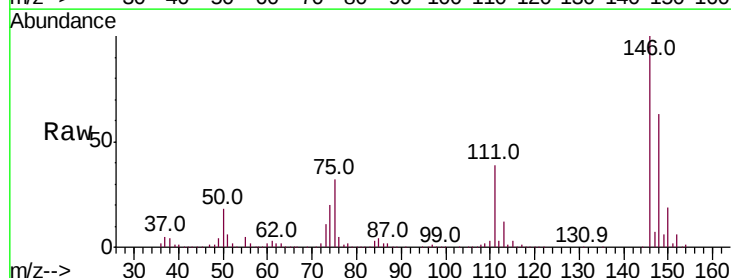
Manual Integrations
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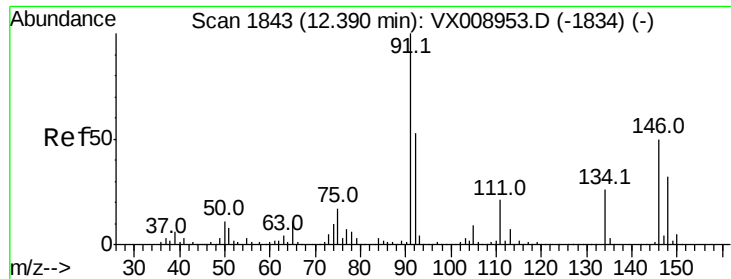
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#88
 1,4-Dichlorobenzene
 Concen: 19.836 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	59.9
148	63.9	32.2	96.6





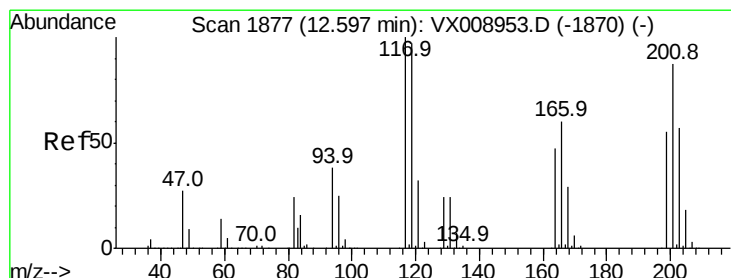
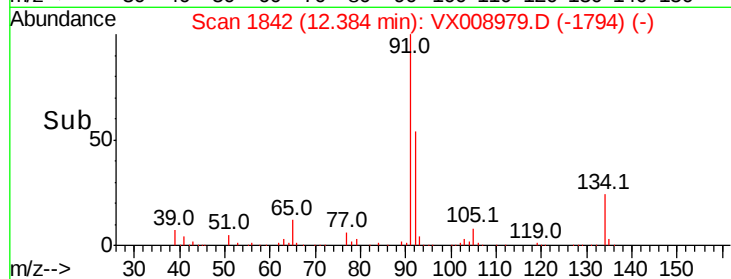
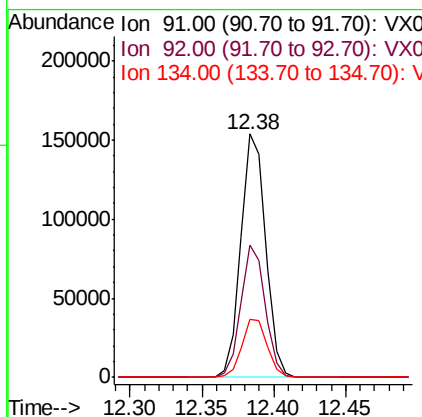
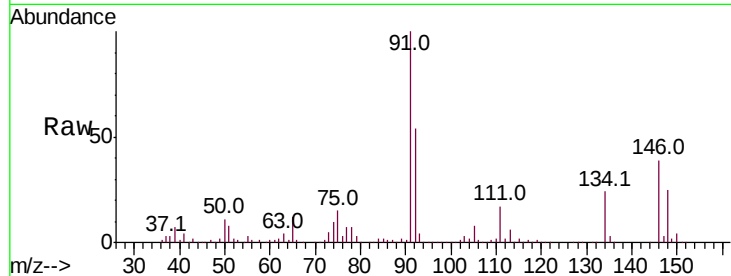
#89
n-Butylbenzene
Concen: 20.199 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	24.4	12.4	37.2

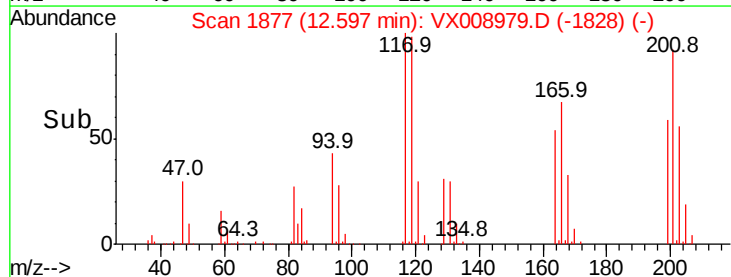
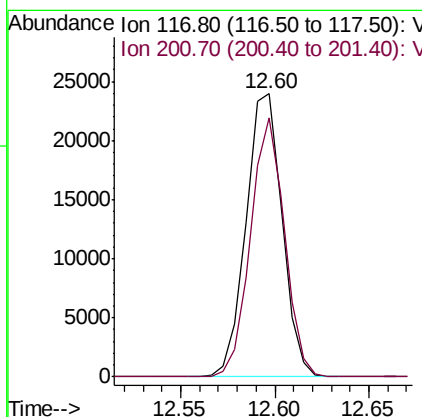
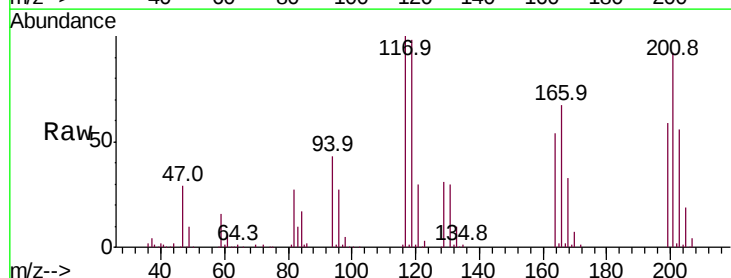
Manual Integrations
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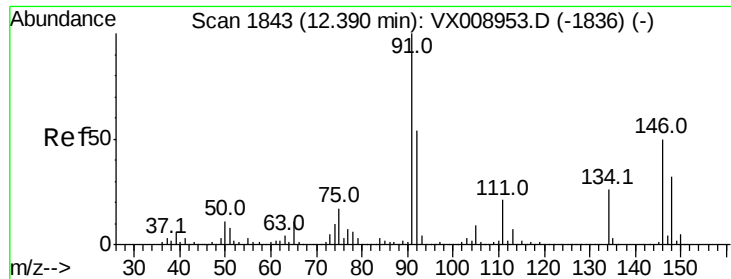
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#90
Hexachloroethane
Concen: 19.723 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008979.D
Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.0	129.0





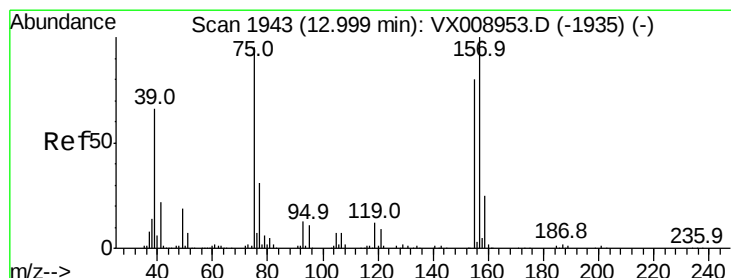
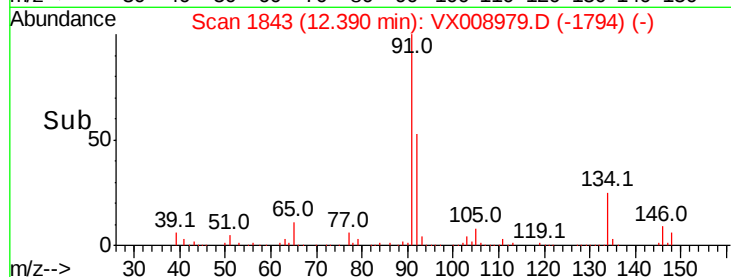
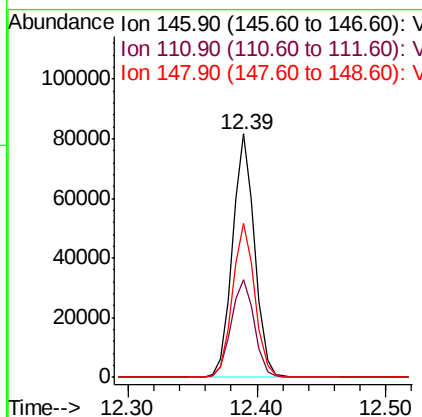
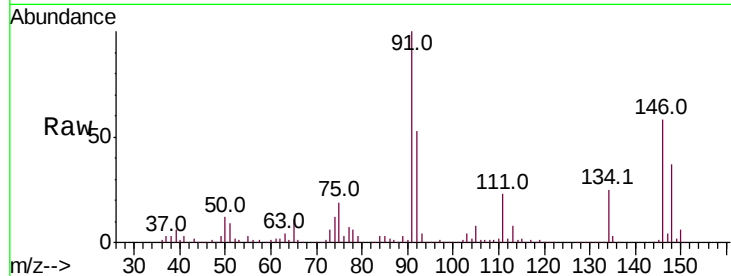
#91
 1,2-Dichlorobenzene
 Concen: 20.264 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.9
148	63.7	32.0	96.2

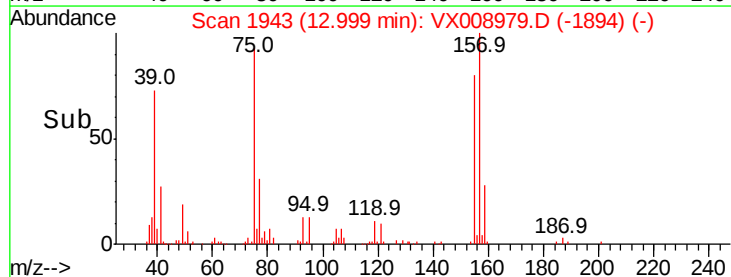
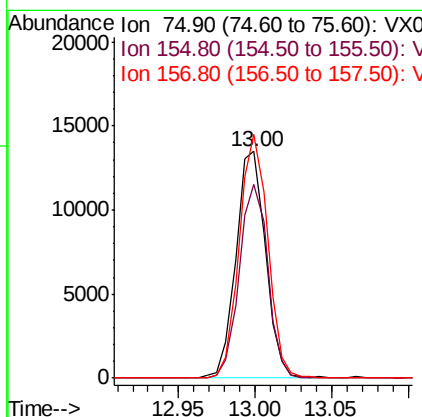
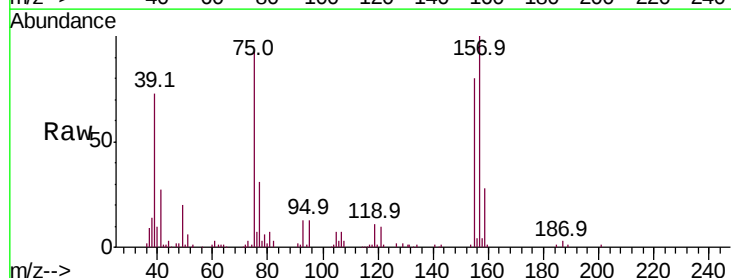
Manual Integrations
 APPROVED

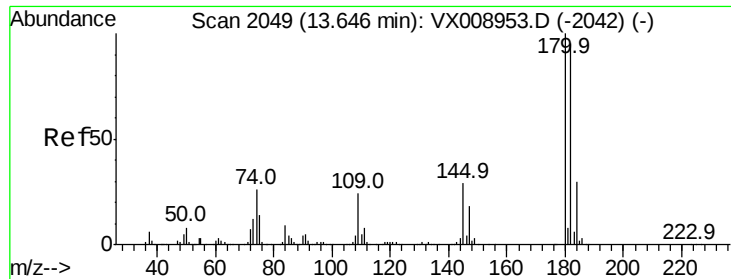
MMDadoda
 4/17/2019 9:58:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.614 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	41.2	123.6
157	103.5	52.5	157.6





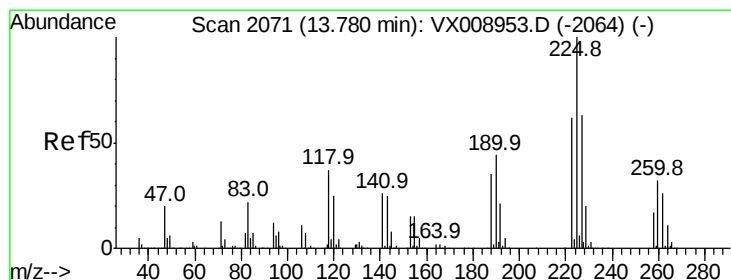
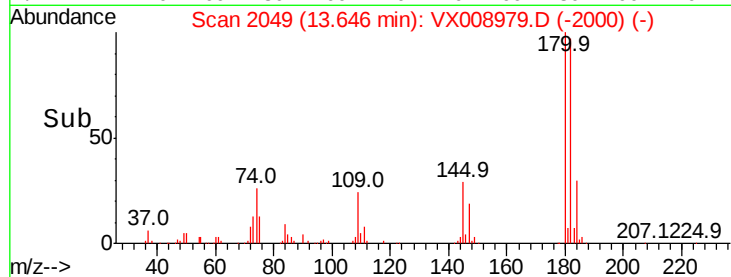
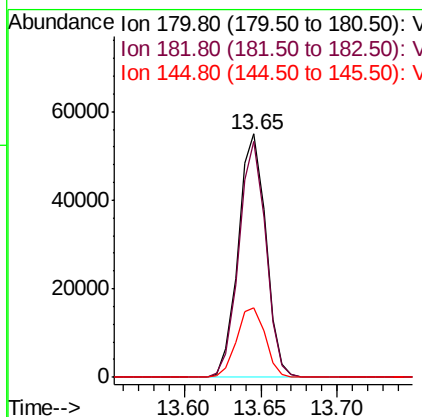
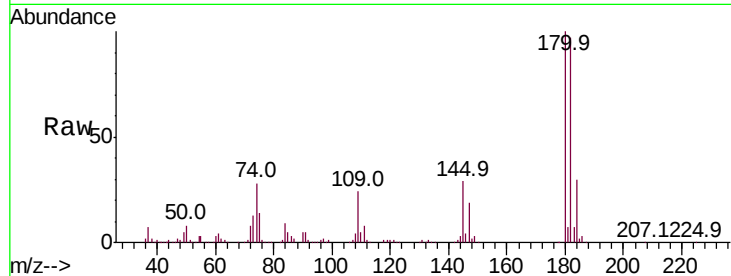
#93
 1,2,4-Trichlorobenzene
 Concen: 19.680 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	68654		
182	94.6		47.6	142.9
145	29.9		14.8	44.4

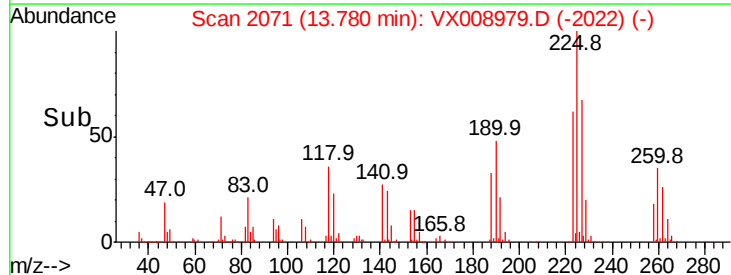
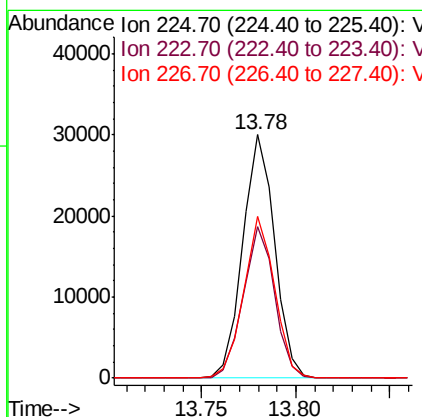
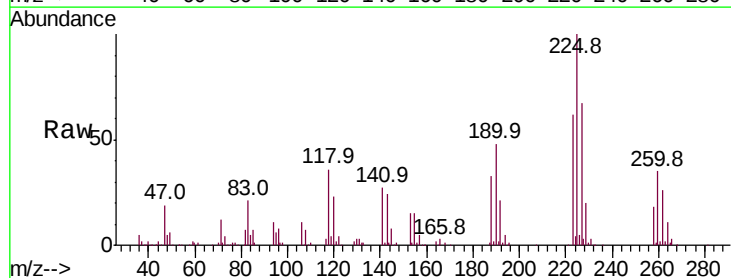
Manual Integrations
 APPROVED

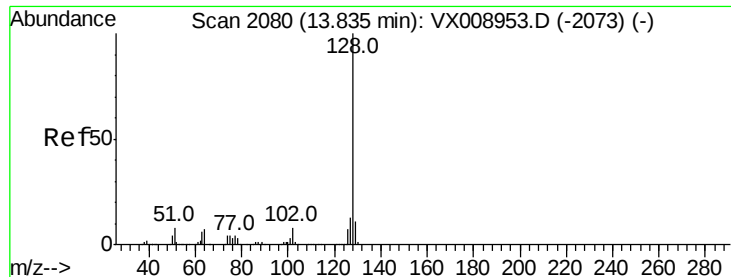
MMDadoda
 4/17/2019 9:58:52 AM



#94
 Hexachlorobutadiene
 Concen: 20.224 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008979.D
 Acq: 16 Apr 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35187		
223	61.0		31.1	93.2
227	64.6		32.0	96.2





#95

Naphthalene

Concen: 19.851 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Instrument :

MSVOA_X

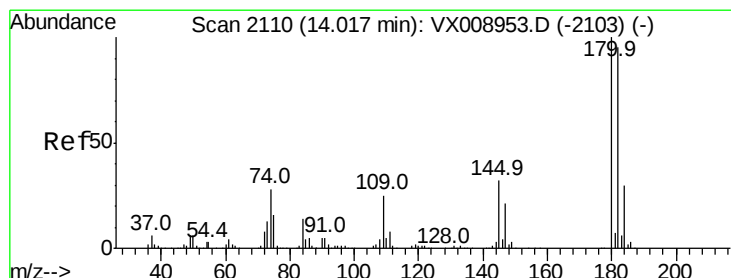
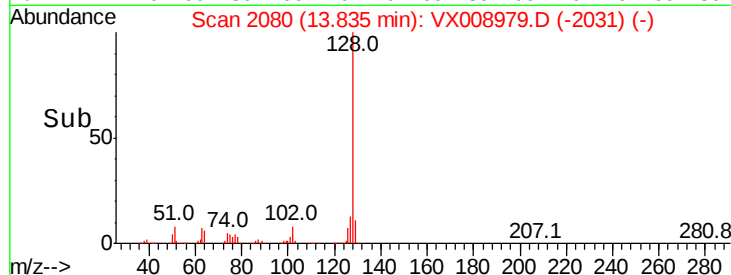
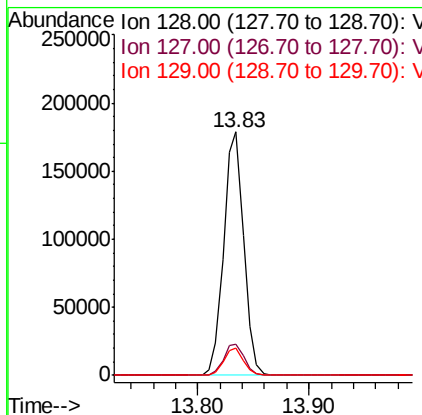
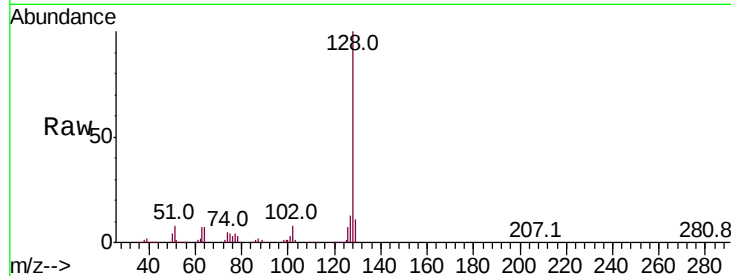
ClientSampleId :

VX0416WBS01

Tot Ion:	128	Resp:	221863
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/17/2019 9:58:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.647 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008979.D

Acq: 16 Apr 2019 11:59

Tgt Ion:	180	Resp:	67623
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.8	143.4
145	31.7	15.8	47.3

