

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011345.D
 Acq On : 06 Aug 2019 11:54
 Operator : JC/SP
 Sample : VX0806WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:36 AM

Quant Time: Aug 07 01:33:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	80763	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	5.49	113	72925	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	273125	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	96784	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21591	18.177	ug/l	99
3) Chloromethane	1.32	50	24070	18.045	ug/l	99
4) Vinyl Chloride	1.40	62	26745	18.228	ug/l	97
5) Bromomethane	1.63	94	20146	19.252	ug/l	100
6) Chloroethane	1.71	64	18792	19.067	ug/l	100
7) Trichlorofluoromethane	1.92	101	48502	18.591	ug/l	98
8) Diethyl Ether	2.18	74	16866	18.105	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25450	18.029	ug/l	97
10) Methyl Iodide	2.50	142	29526	16.591	ug/l	97
11) Tert butyl alcohol	3.03	59	29755	96.358	ug/l	99
12) 1,1-Dichloroethene	2.37	96	24769	17.701	ug/l	87
13) Acrolein	2.29	56	12983	67.335	ug/l	96
14) Allyl chloride	2.72	41	35782	19.182	ug/l	98
15) Acrylonitrile	3.14	53	71602	97.154	ug/l	100
16) Acetone	2.43	43	62757	85.130	ug/l	98
17) Carbon Disulfide	2.56	76	56860	17.316	ug/l	98
18) Methyl Acetate	2.76	43	32638	19.373	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	75380	18.280	ug/l	93
20) Methylene Chloride	2.85	84	28117	17.415	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	26792	18.100	ug/l	91
22) Diisopropyl ether	3.85	45	76113	18.565	ug/l	98
23) Vinyl Acetate	3.81	43	327361	96.269	ug/l	98
24) 1,1-Dichloroethane	3.69	63	44669	18.477	ug/l	99
25) 2-Butanone	4.67	43	98242	93.684	ug/l	98
26) 2,2-Dichloropropane	4.58	77	34524	18.371	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	30139	17.678	ug/l	97
28) Bromochloromethane	5.01	49	23033	20.899	ug/l #	97
29) Tetrahydrofuran	5.12	42	60105	93.478	ug/l	100
30) Chloroform	5.20	83	48781	18.565	ug/l	95
31) Cyclohexane	5.57	56	35231	17.664	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	41153	18.283	ug/l	96
36) 1,1-Dichloropropene	5.79	75	34422	17.360	ug/l	100
37) Ethyl Acetate	4.83	43	35010	17.603	ug/l	98
38) Carbon Tetrachloride	5.77	117	36821	18.458	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39232	16.693	ug/l	95
40) Benzene	6.13	78	108248	18.295	ug/l	99
41) Methacrylonitrile	5.04	41	19169	17.648	ug/l	98
42) 1,2-Dichloroethane	6.19	62	38382	19.184	ug/l	99
43) Isopropyl Acetate	6.44	43	58426	18.374	ug/l	99
44) Trichloroethene	7.21	130	31627	17.660	ug/l	97
45) 1,2-Dichloropropane	7.51	63	27135	17.708	ug/l	98
46) Dibromomethane	7.66	93	20513	18.338	ug/l	94
47) Bromodichloromethane	7.90	83	35161	18.565	ug/l	96
48) Methyl methacrylate	7.76	41	27395	18.307	ug/l	99
49) 1,4-Dioxane	7.74	88	14909	343.659	ug/l #	89
51) 4-Methyl-2-Pentanone	8.63	43	193179	94.137	ug/l	100
52) Toluene	8.78	92	70085	17.915	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	34450	17.571	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	40239	18.188	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	29301	18.217	ug/l	99
56) Ethyl methacrylate	9.18	69	41522	18.115	ug/l	99
57) 1,3-Dichloropropane	9.37	76	46255	18.184	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	107781	95.634	ug/l	99
59) 2-Hexanone	9.49	43	149515	94.065	ug/l	97
60) Dibromochloromethane	9.58	129	29321	17.805	ug/l	100
61) 1,2-Dibromoethane	9.67	107	31204	17.956	ug/l	99
64) Tetrachloroethene	9.34	164	30898	17.275	ug/l	97
65) Chlorobenzene	10.13	112	79514	17.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	28788	18.621	ug/l	99
67) Ethyl Benzene	10.25	91	133400	17.639	ug/l	99
68) m/p-Xylenes	10.36	106	103633	35.427	ug/l	98
69) o-Xylene	10.69	106	50030	17.407	ug/l	99
70) Styrene	10.71	104	85357	17.948	ug/l	98
71) Bromoform	10.85	173	20809	17.036	ug/l #	98
73) Isopropylbenzene	11.02	105	134858	17.927	ug/l	100
74) N-amyl acetate	10.90	43	50373	18.532	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	45293	18.067	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	37941m	18.941	ug/l	
77) Bromobenzene	11.25	156	37424	17.941	ug/l	99
78) n-propylbenzene	11.36	91	149087	17.821	ug/l	99
79) 2-Chlorotoluene	11.42	91	89399	17.929	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	113626	18.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11773	18.801	ug/l	93
82) 4-Chlorotoluene	11.51	91	103541	17.818	ug/l	99
83) tert-Butylbenzene	11.77	119	108883	17.629	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	113839	18.157	ug/l	99
85) sec-Butylbenzene	11.94	105	132061	17.797	ug/l	100
86) p-Isopropyltoluene	12.06	119	121284	17.766	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	66841	18.135	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	64863	17.066	ug/l	96
89) n-Butylbenzene	12.38	91	99034	16.839	ug/l	99
90) Hexachloroethane	12.59	117	17990	17.825	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	67485	18.223	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9155	18.849	ug/l	96

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ClientSampleId :
VX0806WBS01

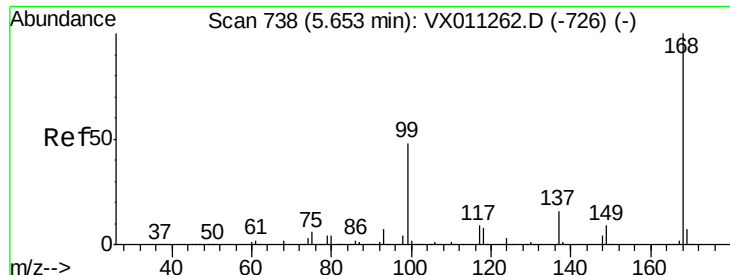
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	42295	17.221	ug/l	99
94) Hexachlorobutadiene	13.78	225	22337	17.926	ug/l	100
95) Naphthalene	13.83	128	128150	17.843	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44140	17.678	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion:168 Resp: 153794

Ion Ratio Lower Upper

168 100

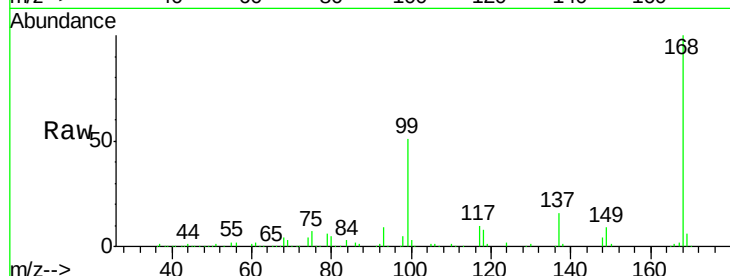
99 51.4 38.5 57.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

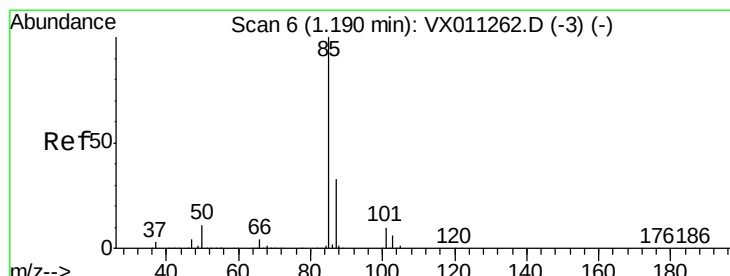
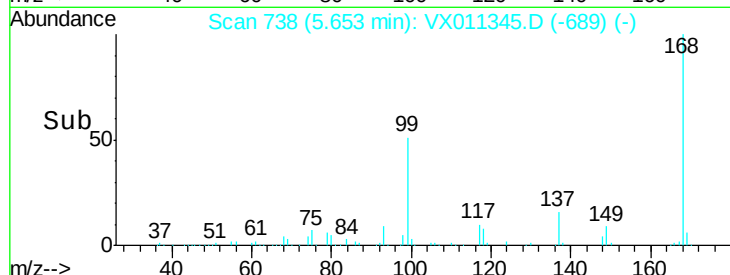
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.177 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011345.D

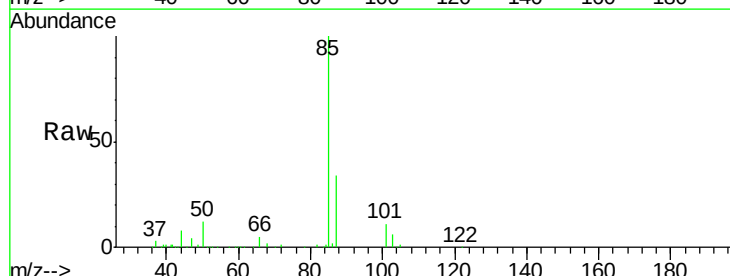
Acq: 06 Aug 2019 11:54

Tgt Ion: 85 Resp: 21591

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

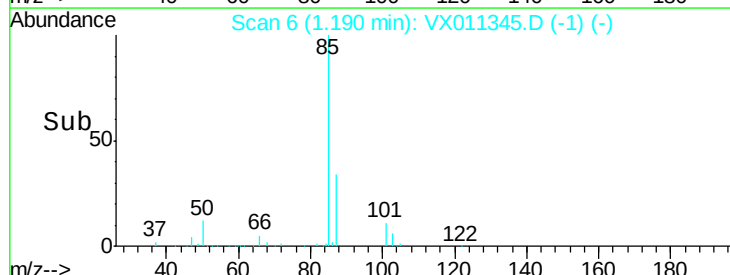
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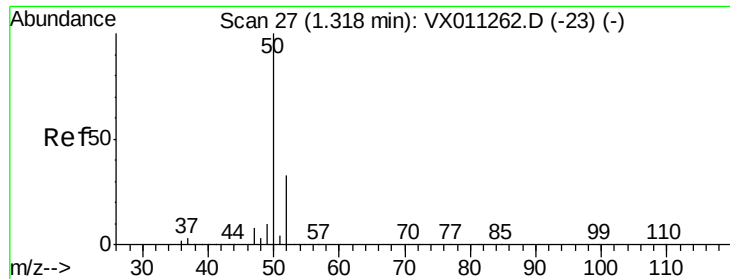
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.045 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion: 50 Resp: 24070

Ion Ratio Lower Upper

50 100

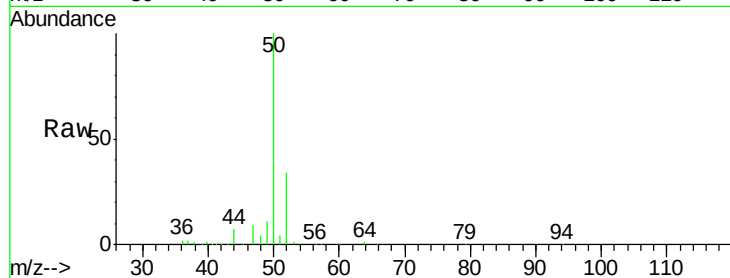
52 33.5 26.4 39.6

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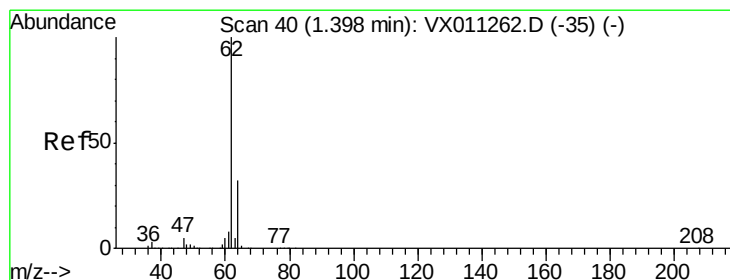
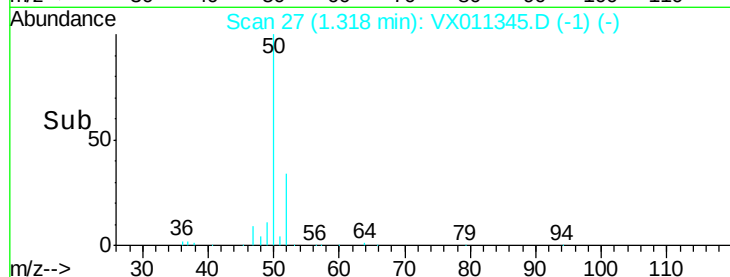
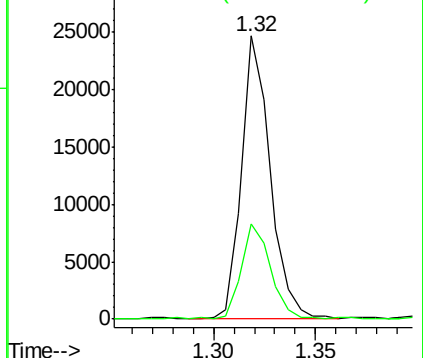
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.228 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011345.D

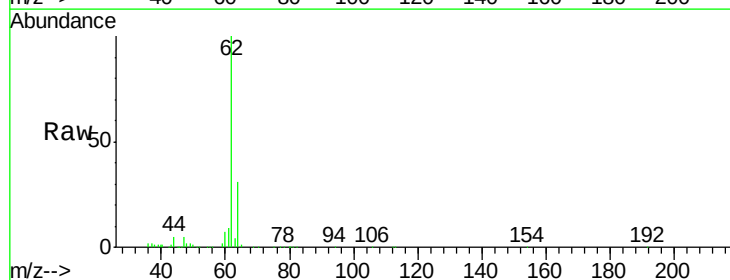
Acq: 06 Aug 2019 11:54

Tgt Ion: 62 Resp: 26745

Ion Ratio Lower Upper

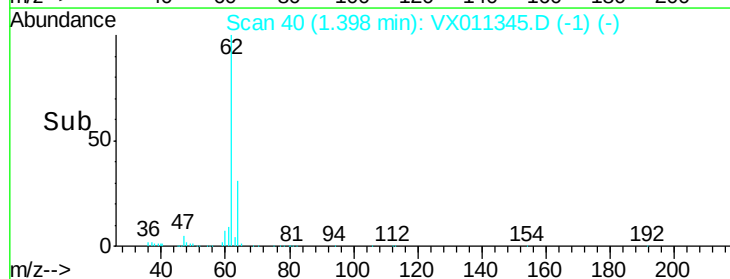
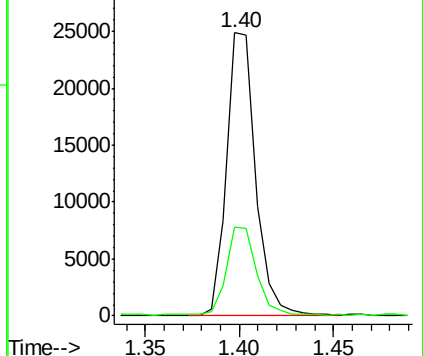
62 100

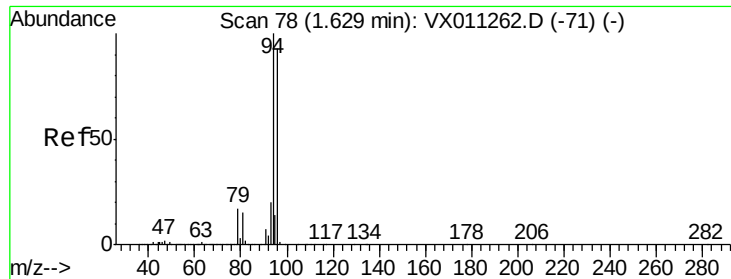
64 31.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.252 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

Tot Ion: 94 Resp: 20146

Ion Ratio Lower Upper

94 100

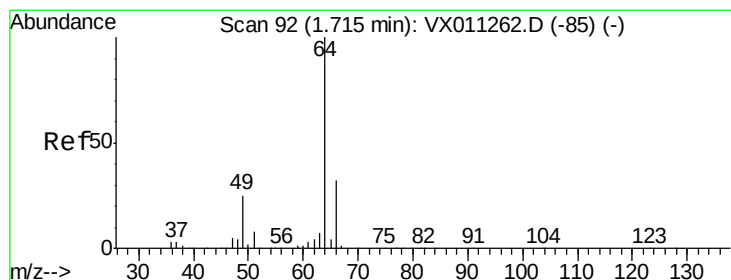
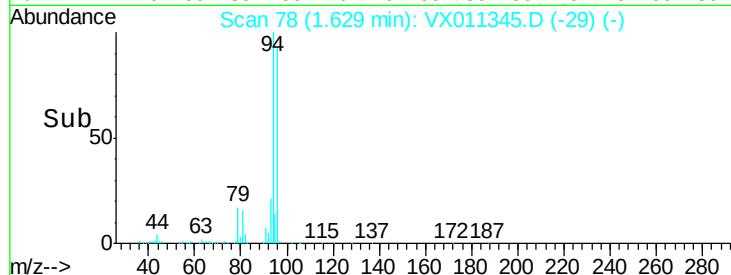
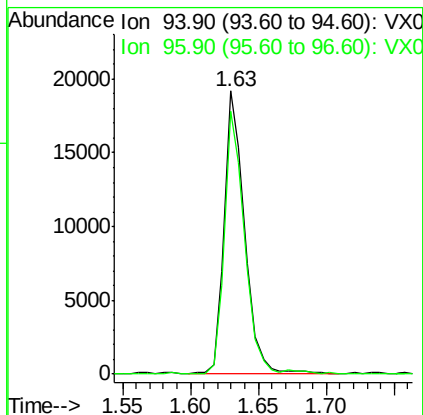
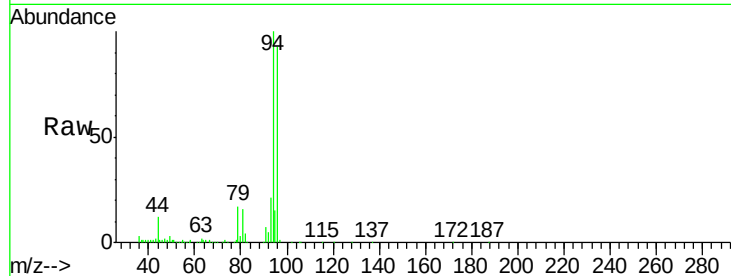
96 92.9 74.6 112.0

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#6

Chloroethane

Concen: 19.067 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011345.D

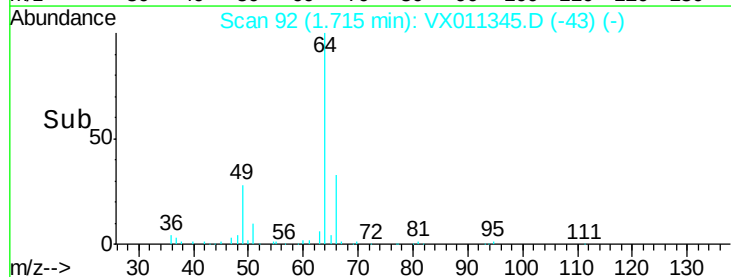
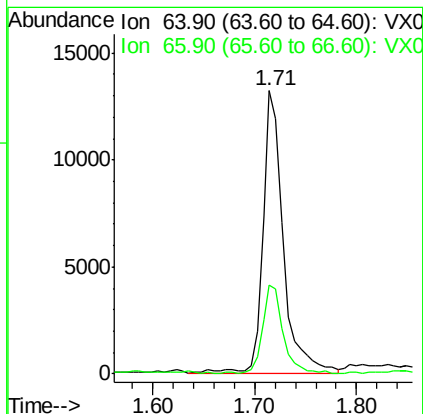
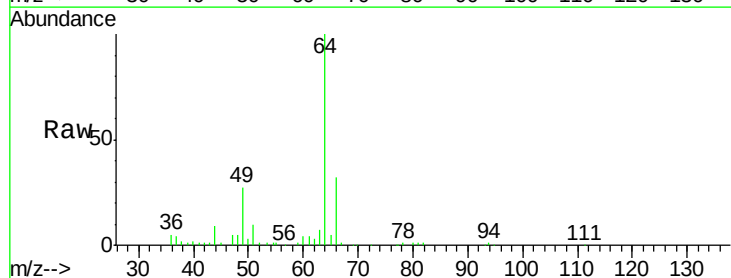
Acq: 06 Aug 2019 11:54

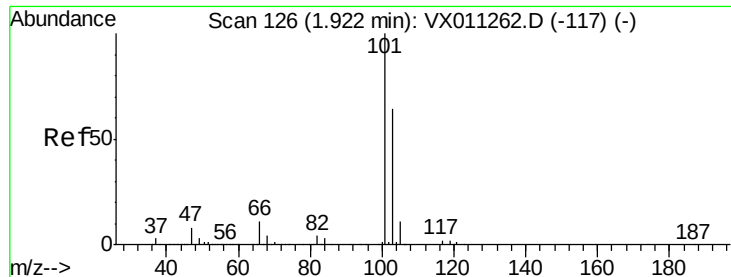
Tgt Ion: 64 Resp: 18792

Ion Ratio Lower Upper

64 100

66 31.6 25.1 37.7





#7

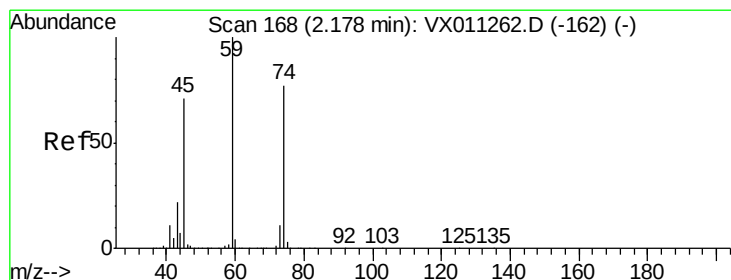
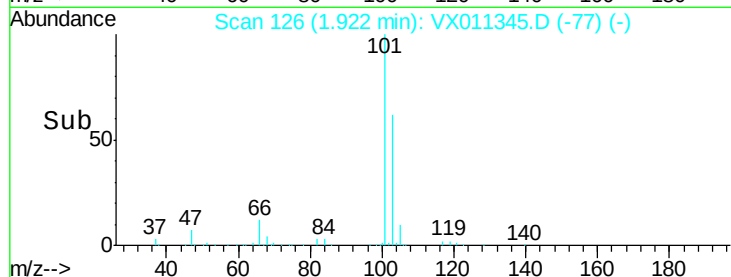
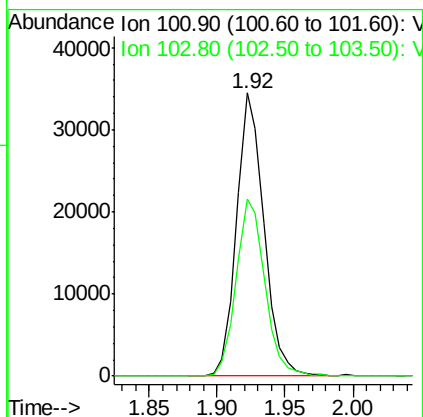
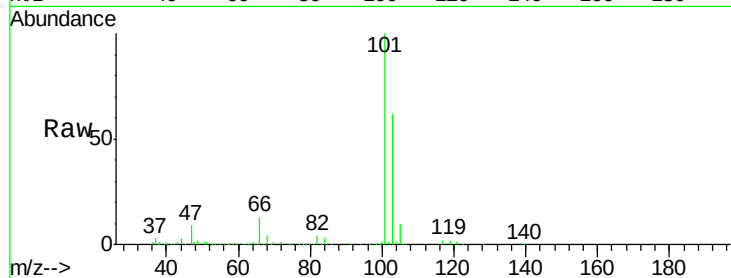
Trichlorofluoromethane
Concen: 18.591 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	48502		
103	62.4	50.9	50.9	76.3

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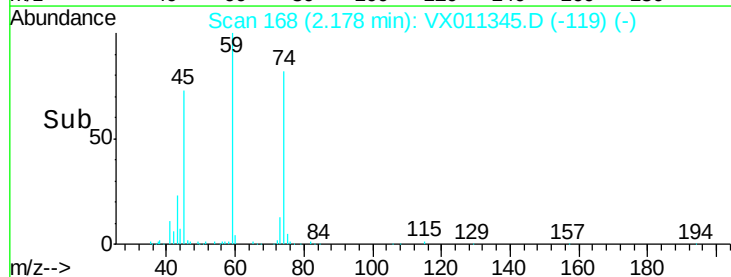
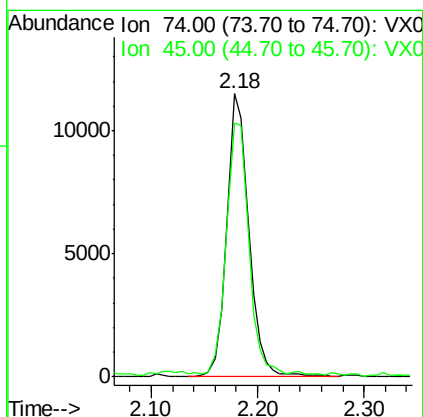
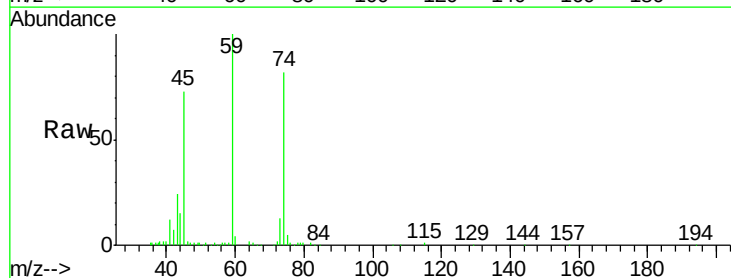
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8/7/2019 11:25:36 AM

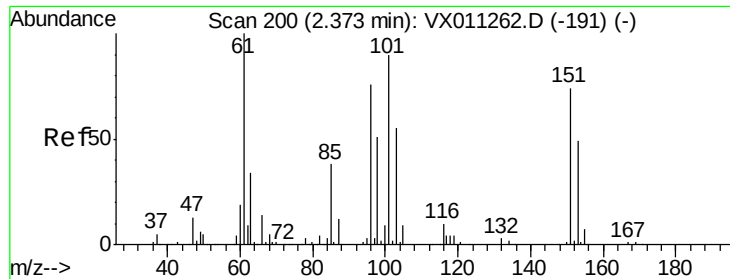


#8

Diethyl Ether
Concen: 18.105 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	16866		
45	90.6	46.1	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.029 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

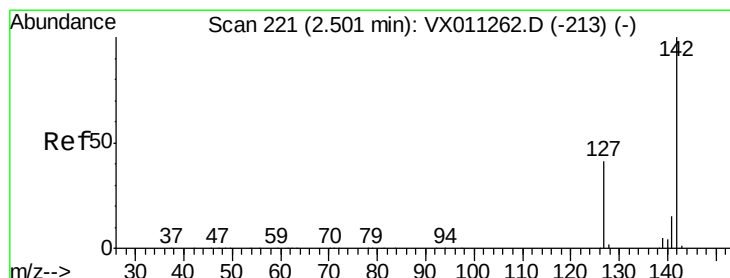
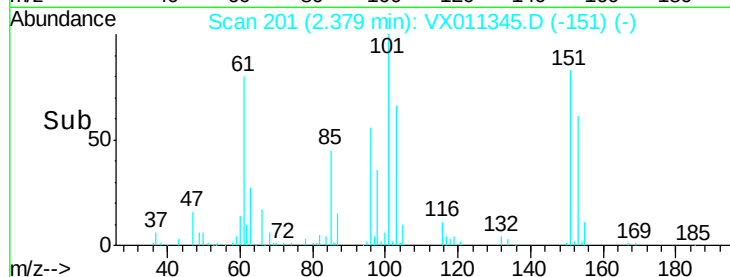
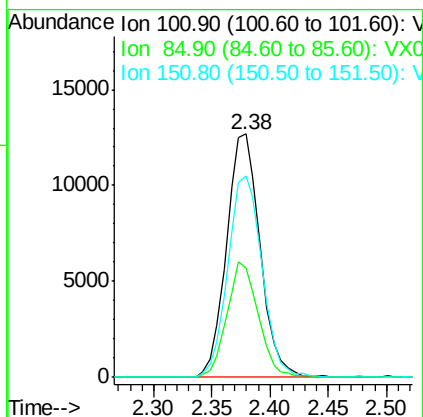
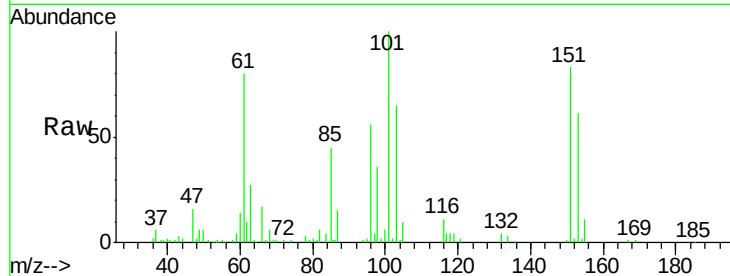
ClientSampled :

VX0806WBS01

Tot Ion:	101	Resp:	25450
Ion Ratio	Lower	Upper	
101	100		
85	44.3	33.8	50.6
151	84.4	69.5	104.3

Manual Integrations
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#10

Methyl Iodide

Concen: 16.591 ug/l

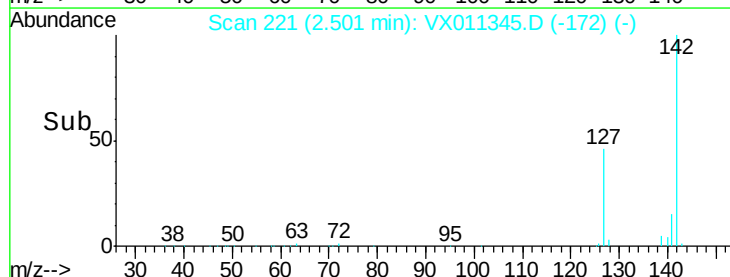
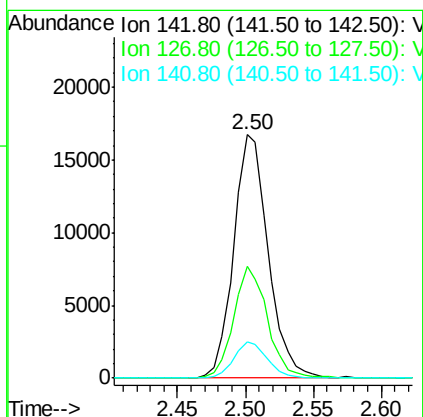
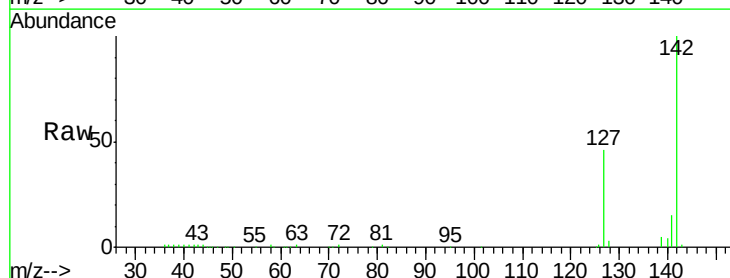
RT: 2.50 min Scan# 221

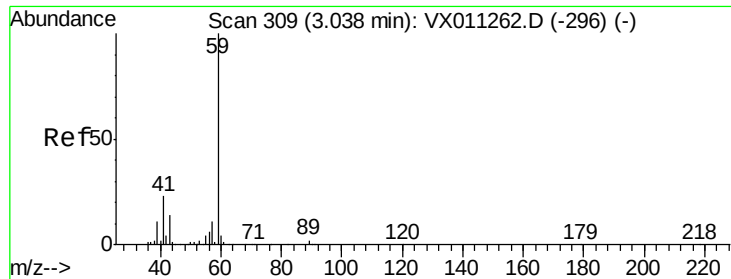
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	142	Resp:	29526
Ion Ratio	Lower	Upper	
142	100		
127	44.9	33.8	50.8
141	14.4	11.4	17.2





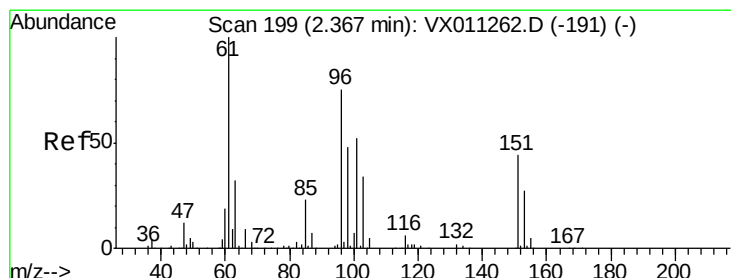
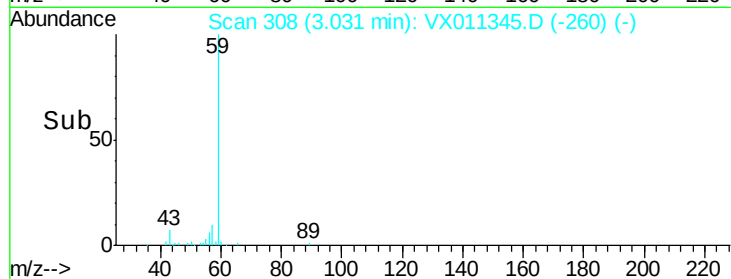
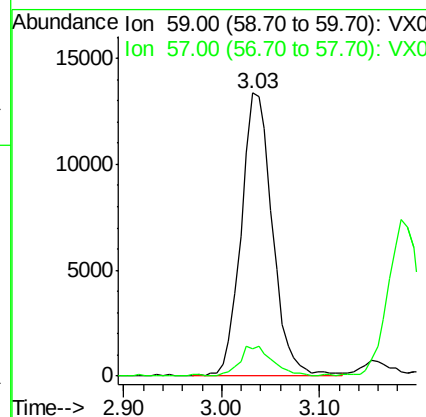
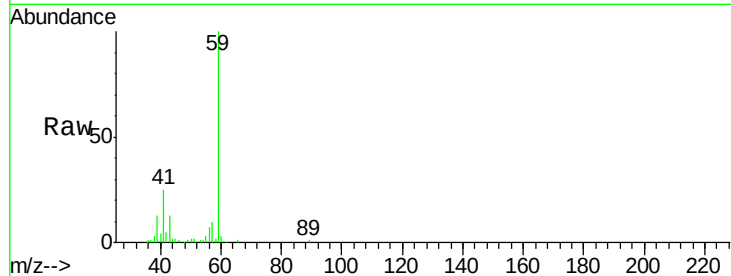
#11
Tert butyl alcohol
Concen: 96.358 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	59	Resp	29755
Ion Ratio	100	Lower	Upper
57	10.9	8.3	12.5

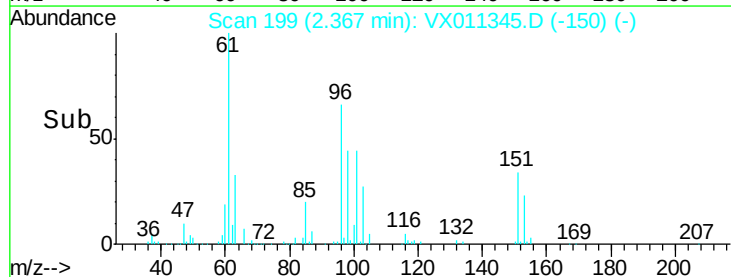
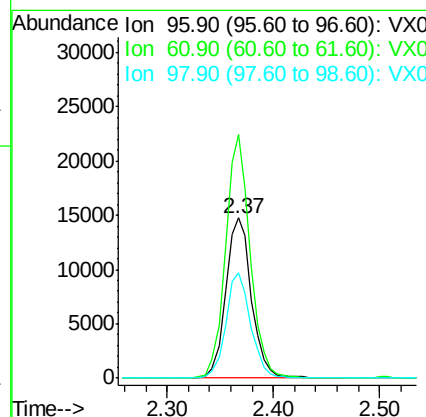
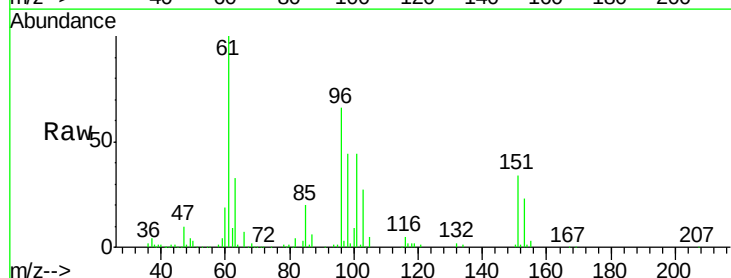
Manual Integrations
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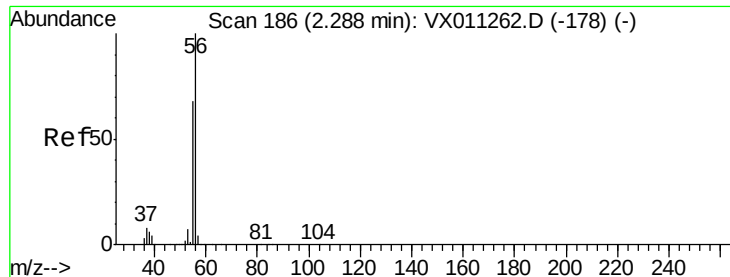
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.701 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	96	Resp	24769
Ion Ratio	100	Lower	Upper
61	152.3	106.2	159.2
98	66.3	50.6	75.8





#13

Acrolein

Concen: 67.335 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

Tot Ion: 56 Resp: 12983

Ion Ratio Lower Upper

56 100

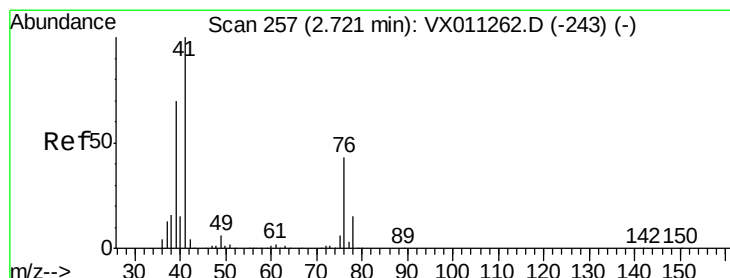
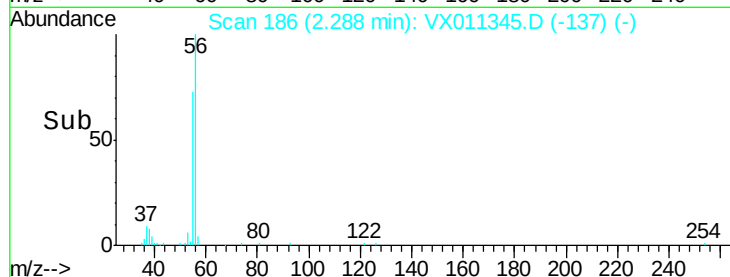
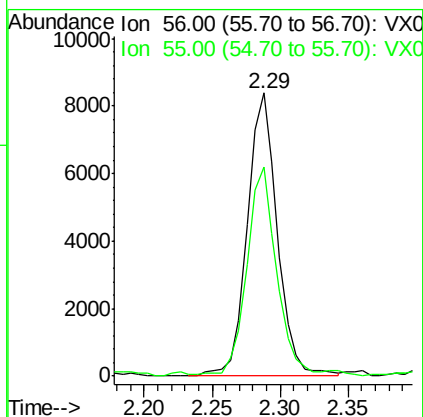
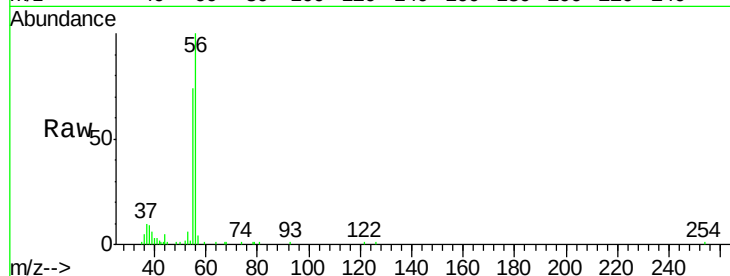
55 73.5 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 19.182 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

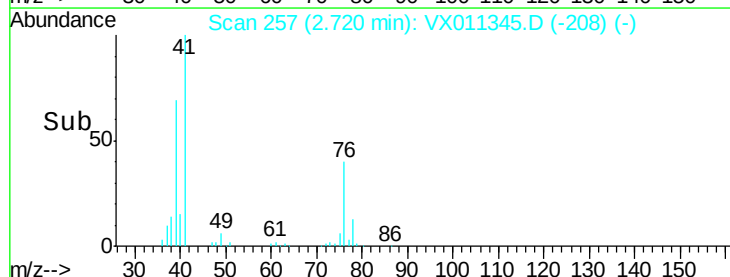
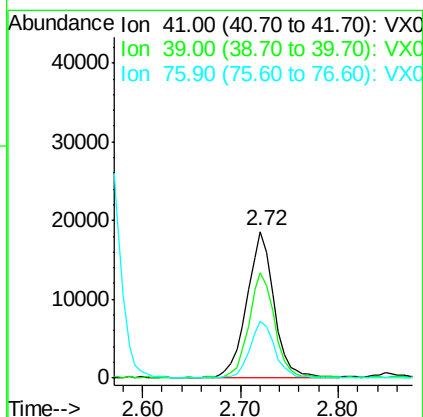
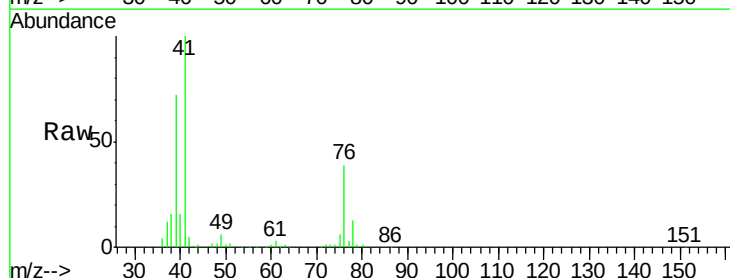
Tgt Ion: 41 Resp: 35782

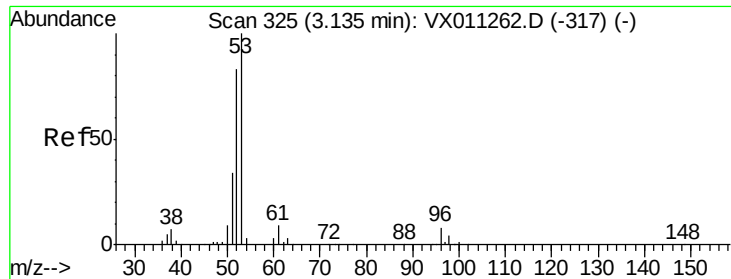
Ion Ratio Lower Upper

41 100

39 66.9 52.8 79.2

76 36.0 31.1 46.7





#15

Acrylonitrile

Concen: 97.154 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

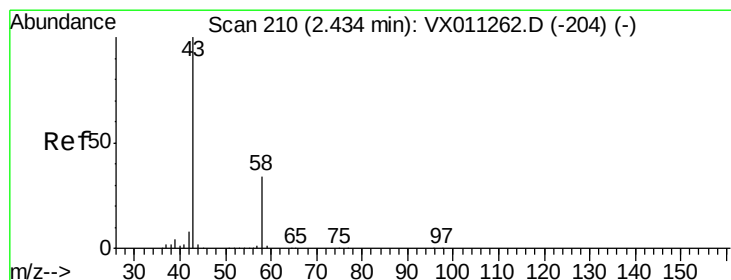
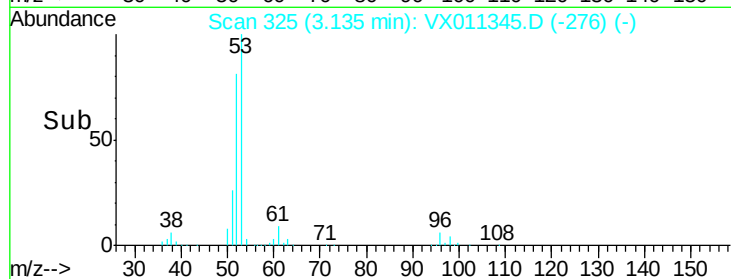
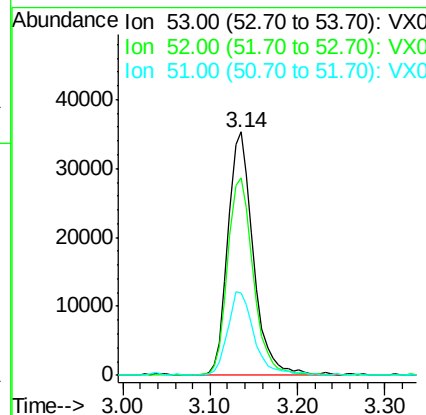
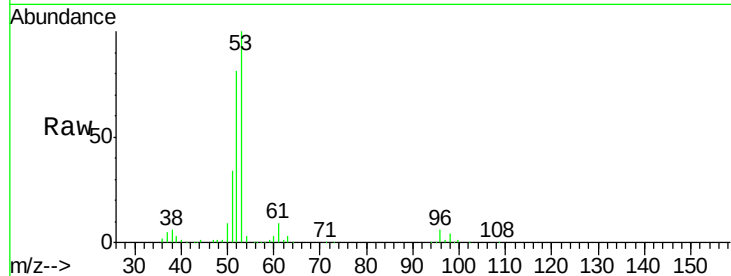
ClientSampleId :

VX0806WBS01

Tot Ion:	53	Resp:	71602
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.5	98.3
51	35.3	27.9	41.9

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#16

Acetone

Concen: 85.130 ug/l

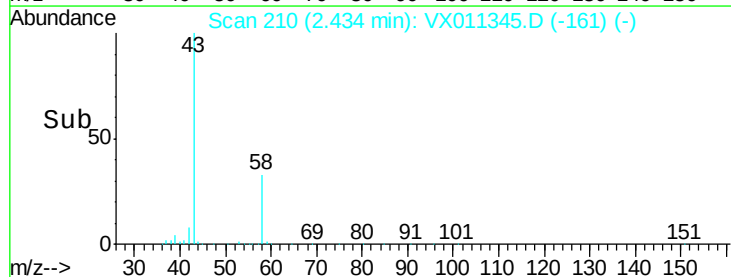
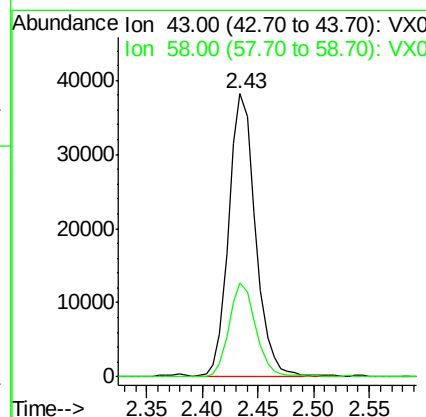
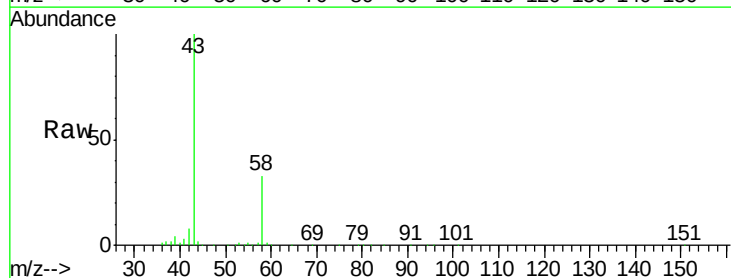
RT: 2.43 min Scan# 210

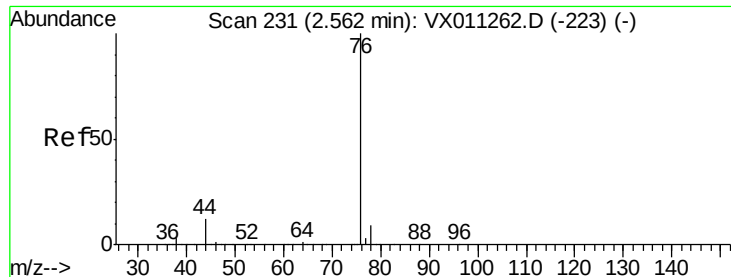
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	43	Resp:	62757
Ion Ratio	Lower	Upper	
43	100		
58	32.9	27.4	41.0





#17

Carbon Disulfide

Concen: 17.316 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

Tot Ion: 76 Resp: 56860

Ion Ratio Lower Upper

76 100

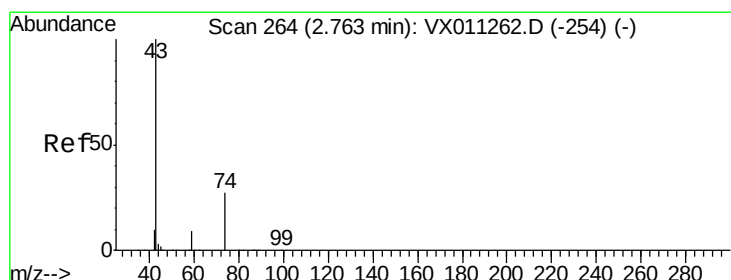
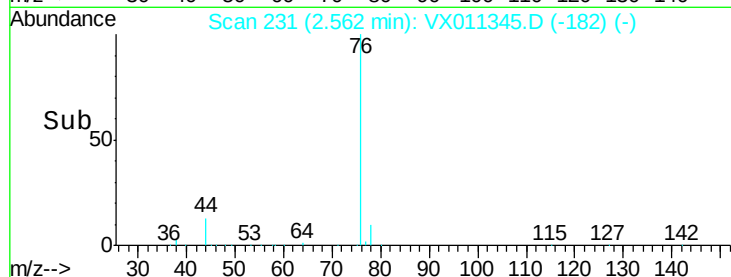
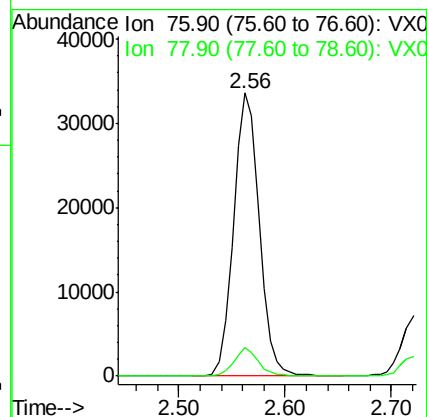
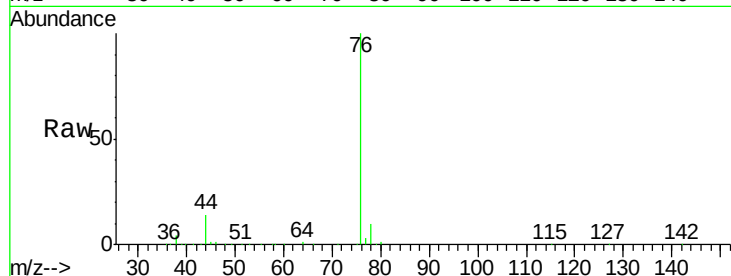
78 10.0 7.4 11.0

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8/7/2019 11:25:36 AM



#18

Methyl Acetate

Concen: 19.373 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011345.D

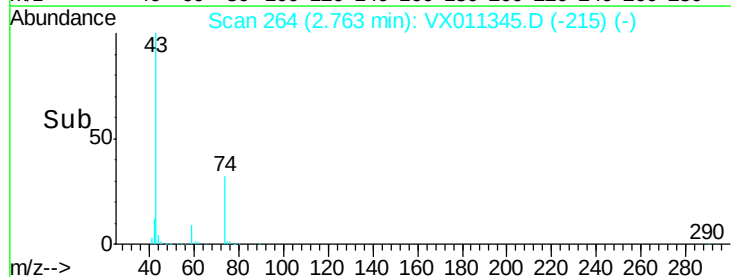
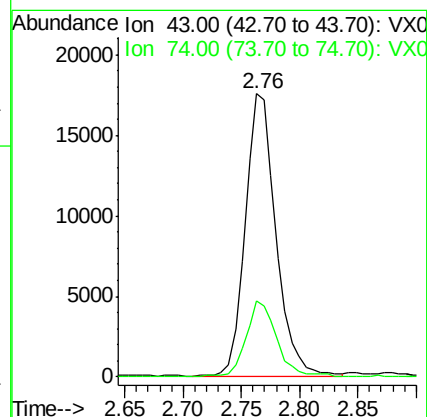
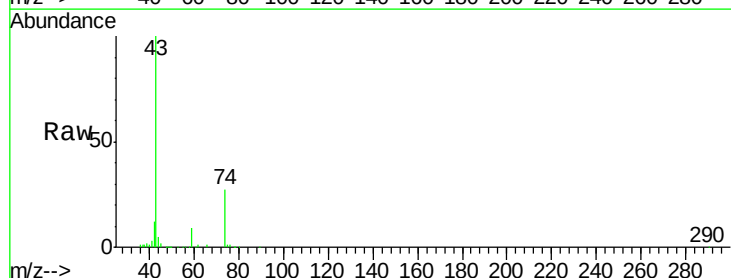
Acq: 06 Aug 2019 11:54

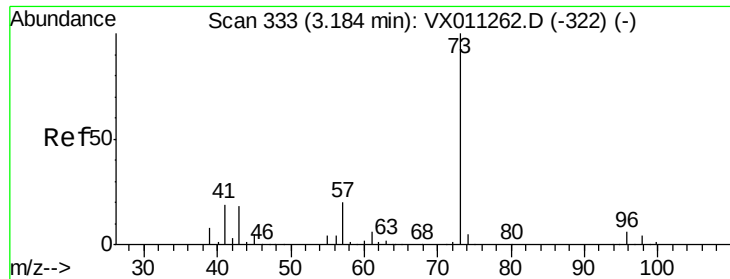
Tgt Ion: 43 Resp: 32638

Ion Ratio Lower Upper

43 100

74 26.9 21.0 31.6





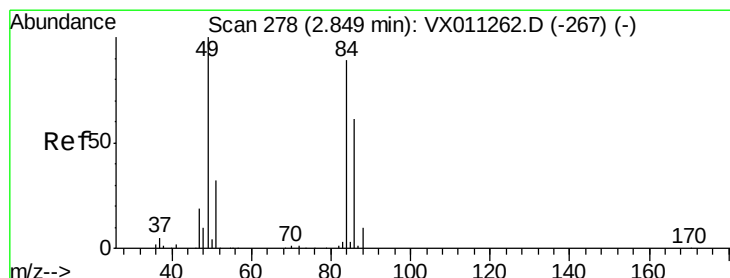
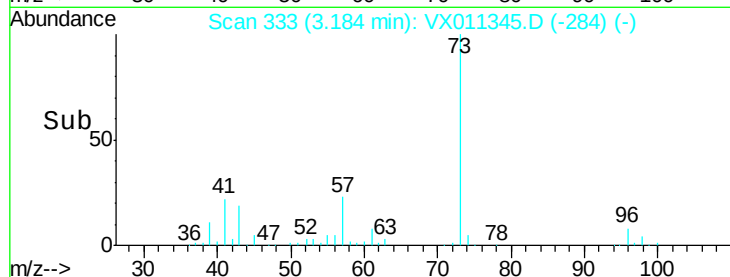
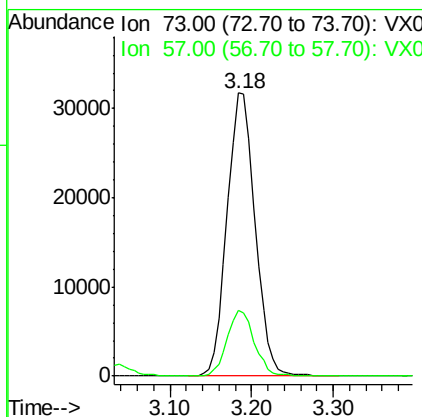
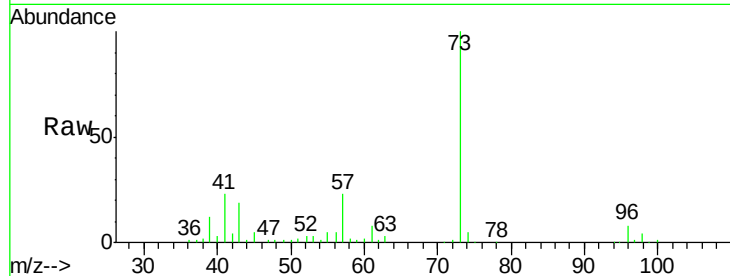
#19
Methyl tert-butyl Ether
Concen: 18.280 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion: 73 Resp: 75380
Ion Ratio Lower Upper
73 100
57 23.3 16.2 24.2

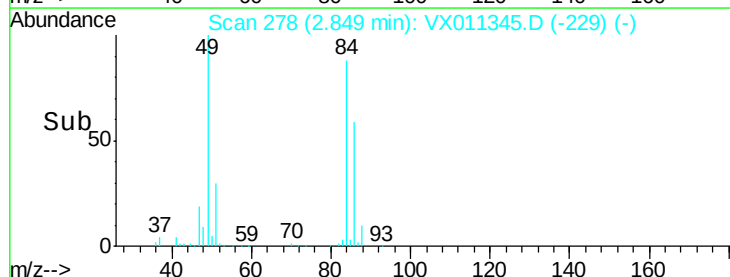
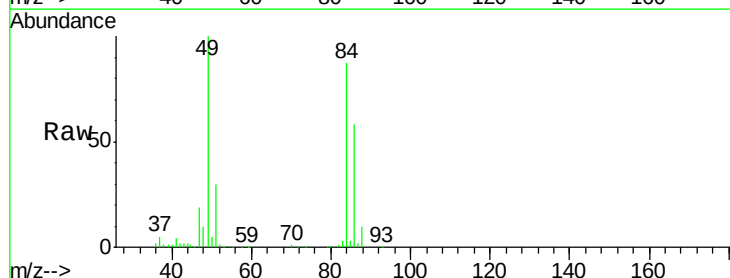
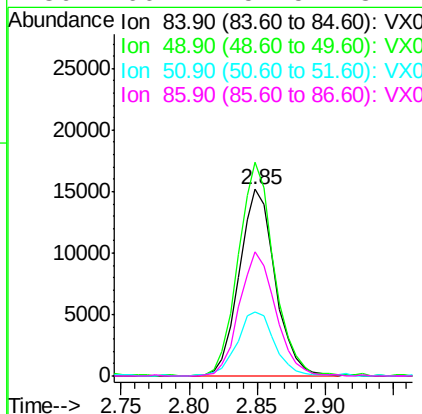
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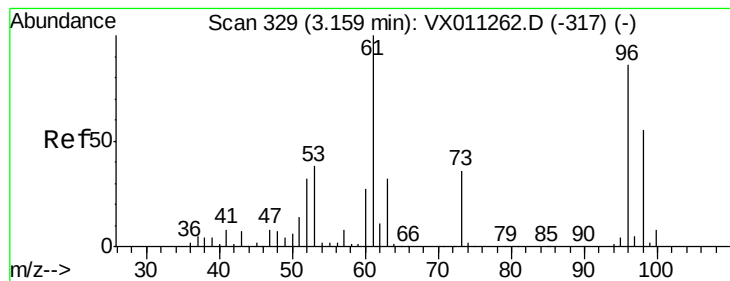
MMDadoda
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#20
Methylene Chloride
Concen: 17.415 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 84 Resp: 28117
Ion Ratio Lower Upper
84 100
49 113.8 89.3 133.9
51 34.4 28.3 42.5
86 66.7 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.100 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

Tot Ion: 96 Resp: 26792

Ion Ratio Lower Upper

96 100

61 130.8 92.8 139.2

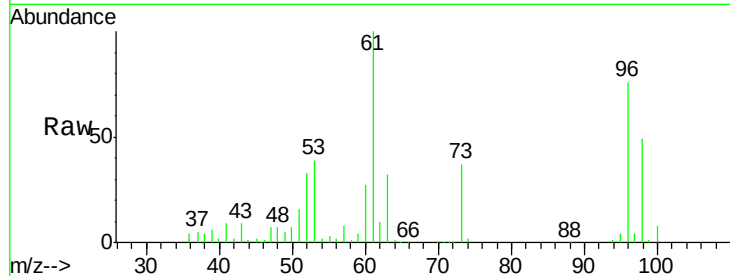
98 63.5 51.2 76.8

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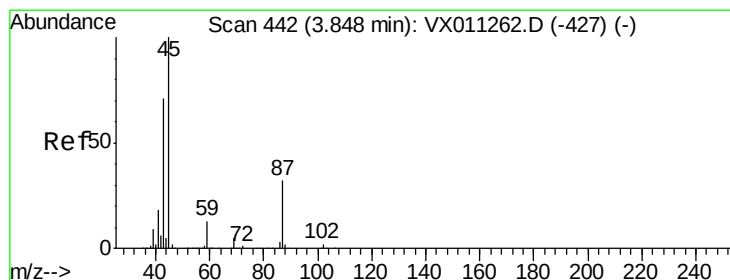
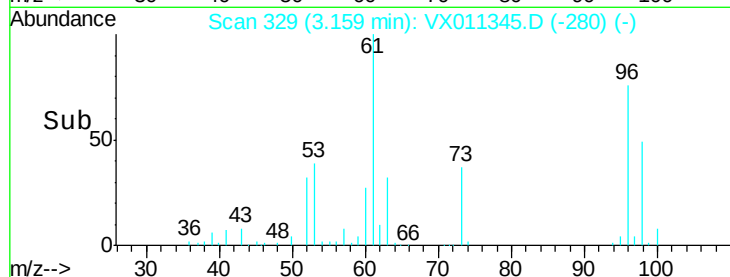
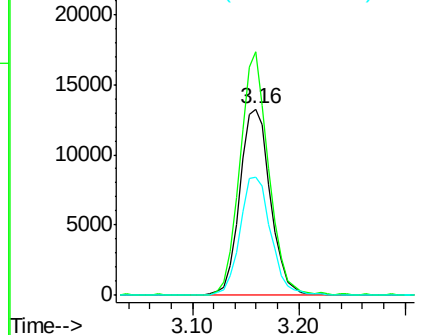
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.565 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion: 45 Resp: 76113

Ion Ratio Lower Upper

45 100

43 72.5 56.8 85.2

87 33.4 25.8 38.6

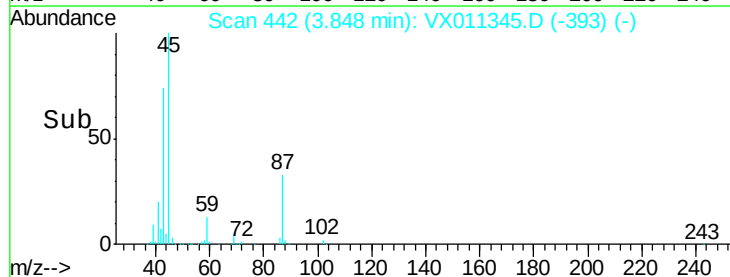
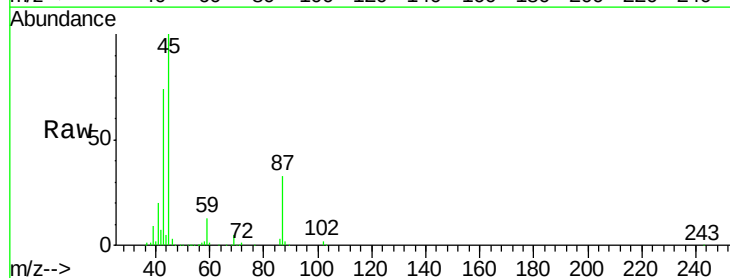
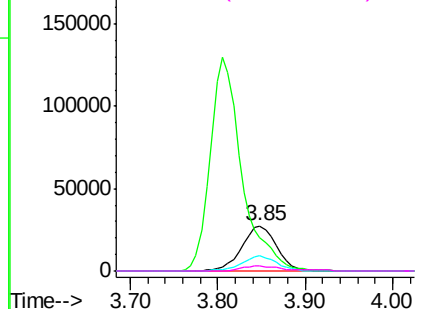
59 12.8 10.3 15.5

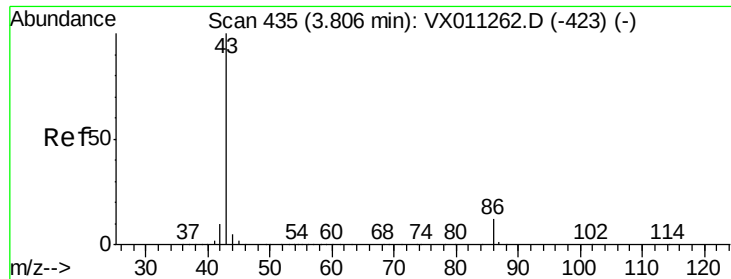
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.269 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion: 43 Resp: 327361

Ion Ratio Lower Upper

43 100

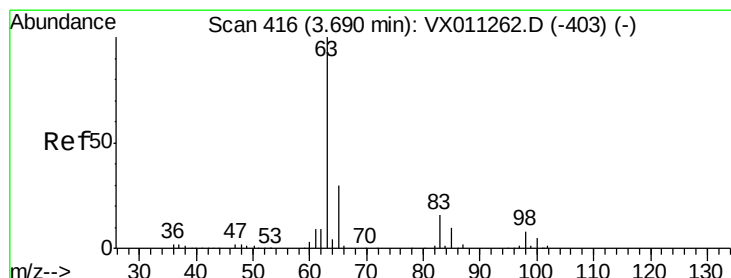
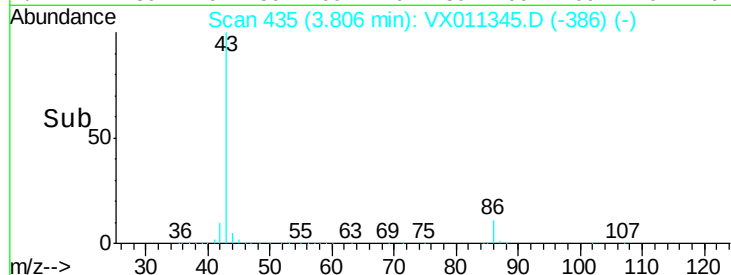
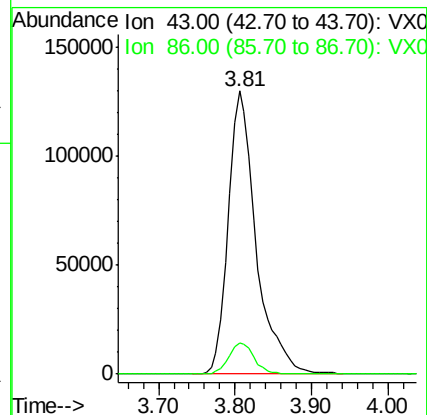
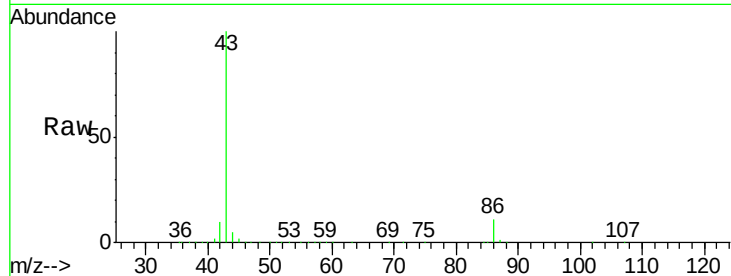
86 11.1 9.6 14.4

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8/7/2019 11:25:36 AM



#24

1,1-Dichloroethane

Concen: 18.477 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

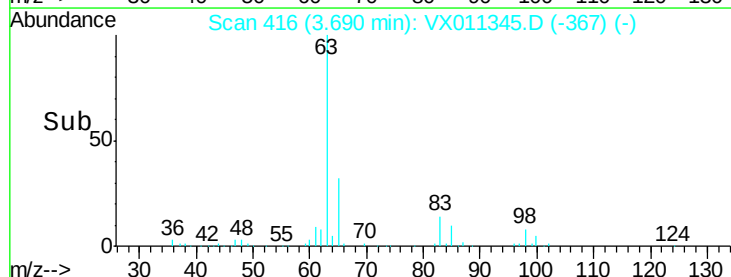
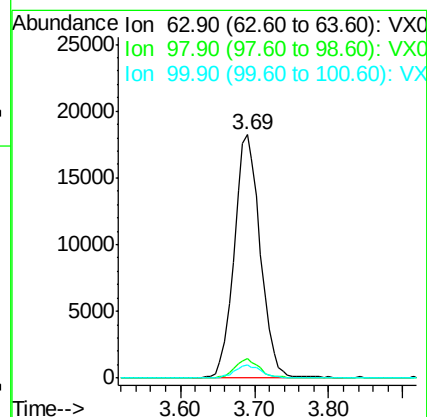
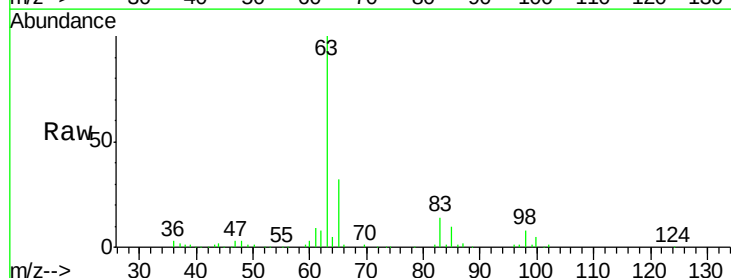
Tgt Ion: 63 Resp: 44669

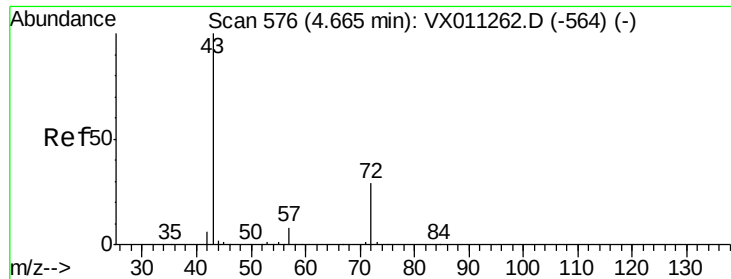
Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

100 5.2 2.7 8.1





#25

2-Butanone

Concen: 93.684 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion: 43 Resp: 98242

Ion Ratio Lower Upper

43 100

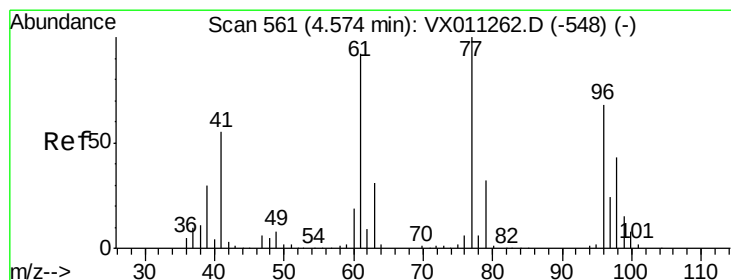
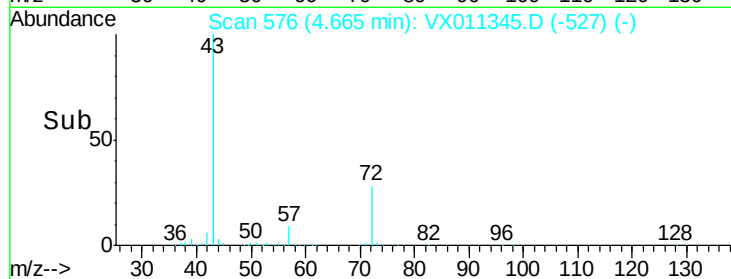
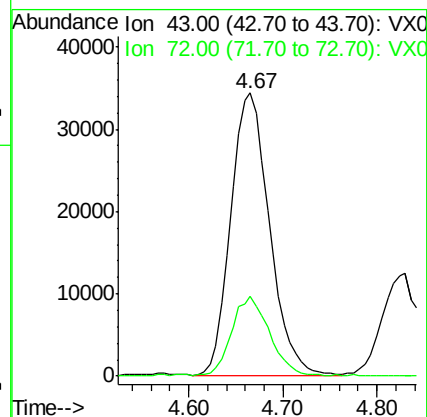
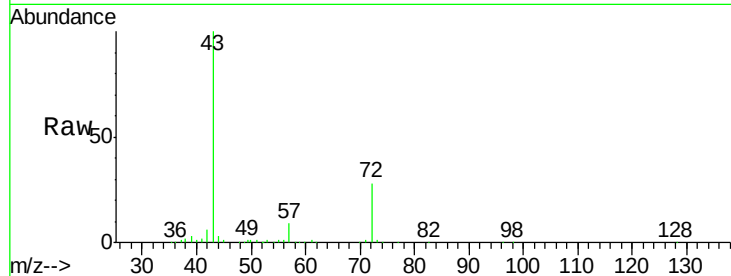
72 28.2 23.2 34.8

Manual Integrations

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8/7/2019 11:25:36 AM



#26

2,2-Dichloropropane

Concen: 18.371 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011345.D

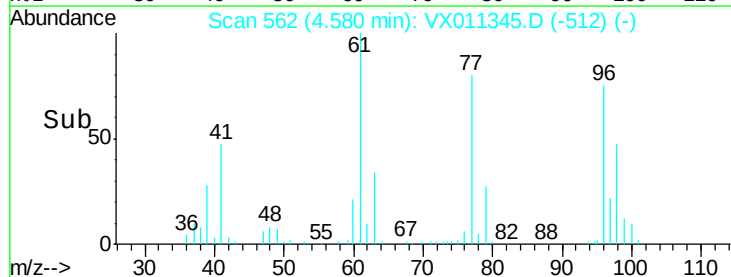
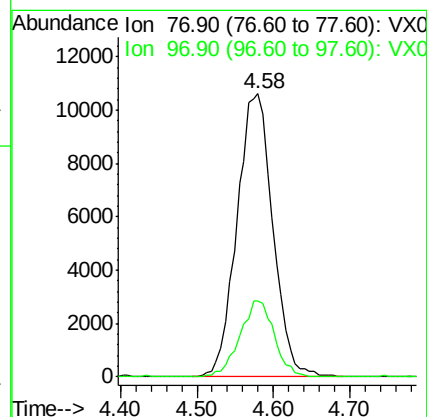
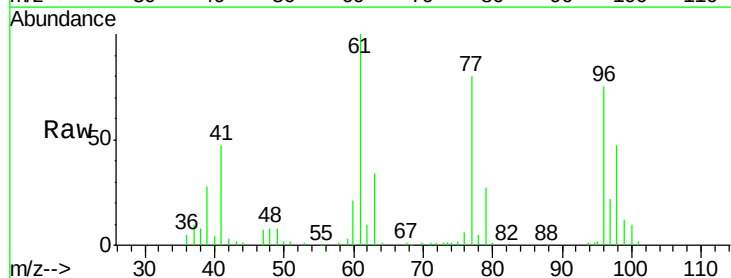
Acq: 06 Aug 2019 11:54

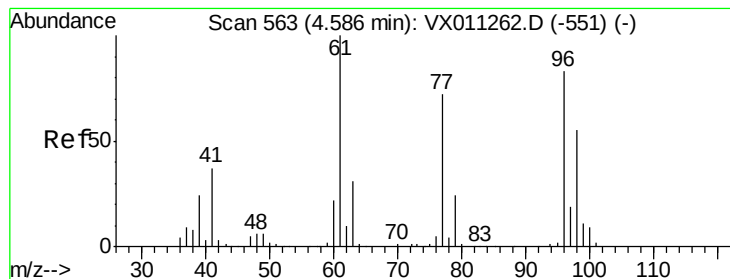
Tgt Ion: 77 Resp: 34524

Ion Ratio Lower Upper

77 100

97 25.9 12.8 38.4





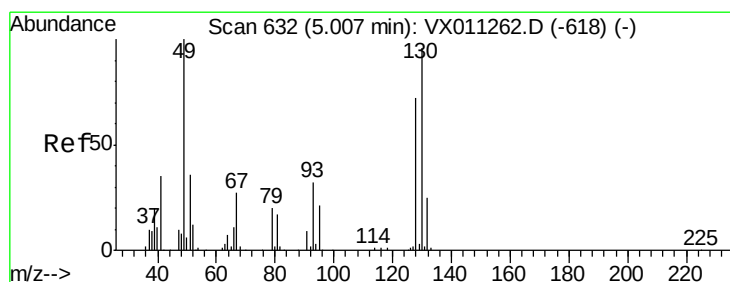
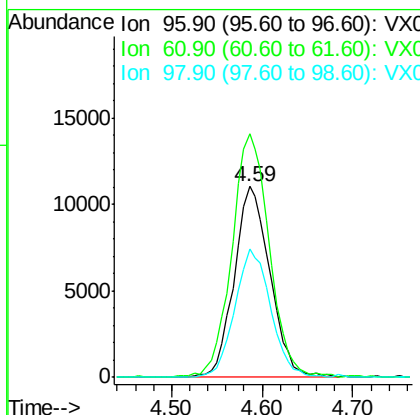
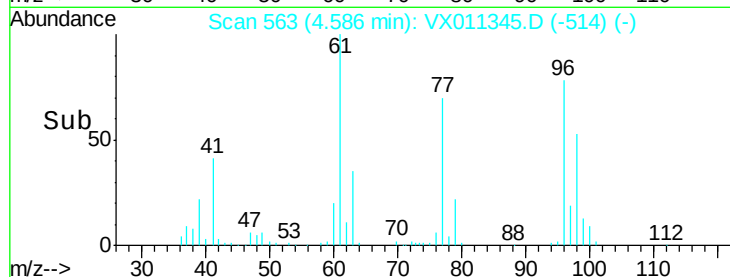
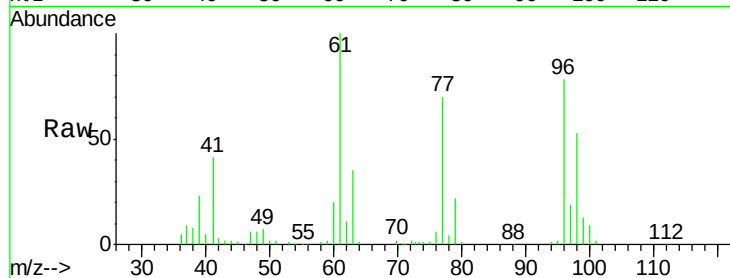
#27
 cis-1,2-Dichloroethene
 Concen: 17.678 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	30139		
61	134.2		0.0	260.2
98	67.6		0.0	133.2

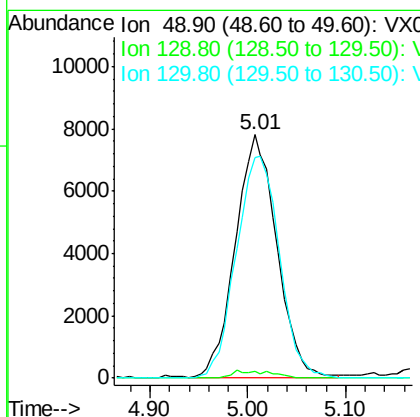
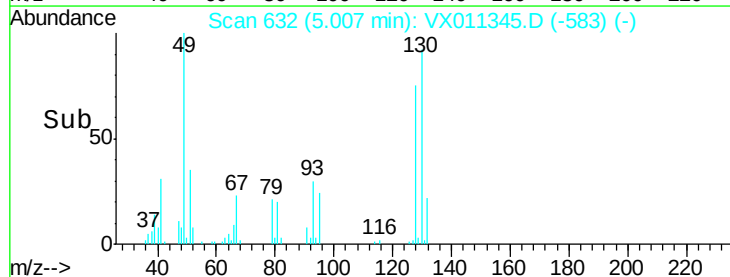
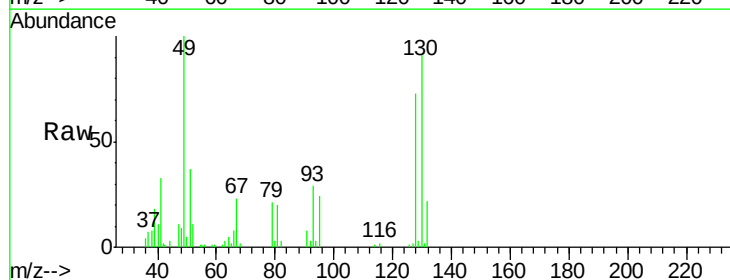
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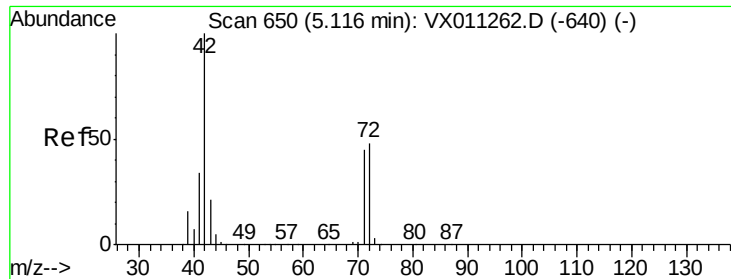
MMDadoda
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#28
 Bromochloromethane
 Concen: 20.899 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	23033		
129	0.0		0.0	5.8
130	94.7		77.9	116.9





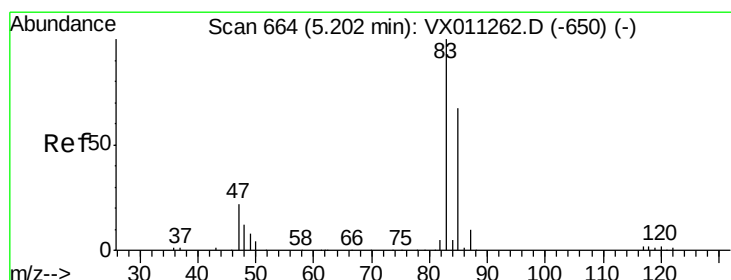
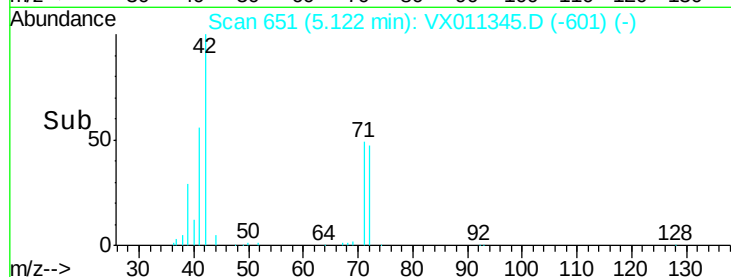
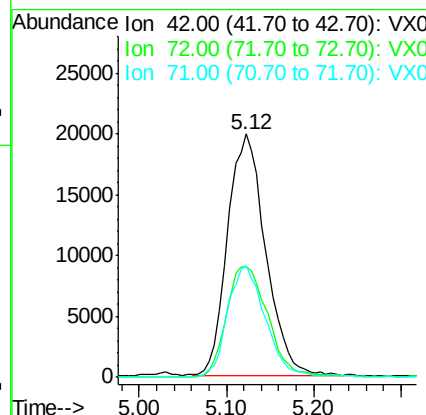
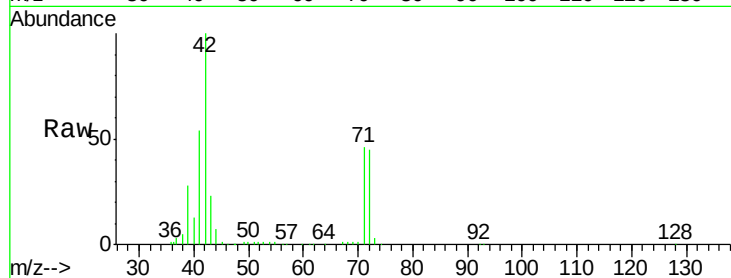
#29
Tetrahydrofuran
Concen: 93.478 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	39.9	59.9
71	45.8	36.9	55.3

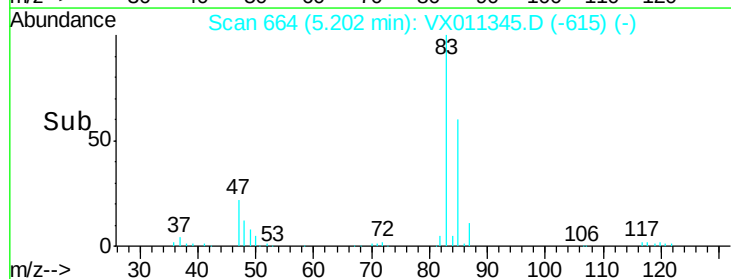
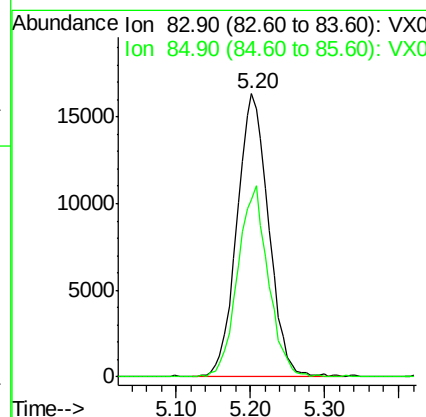
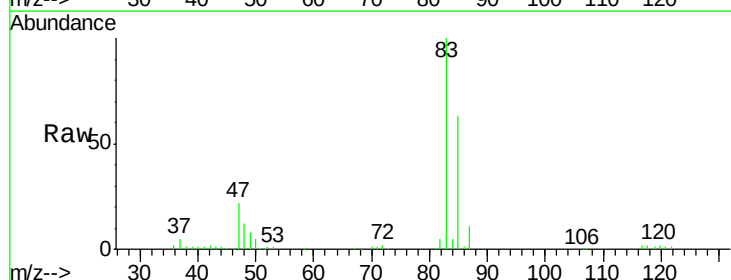
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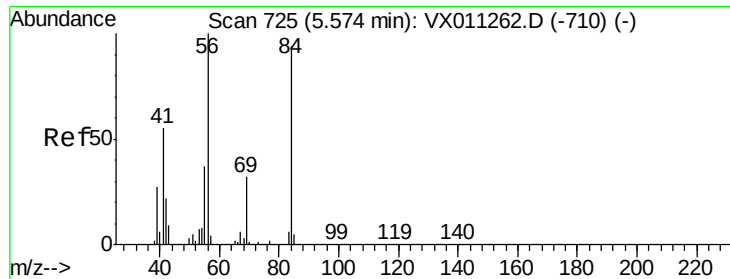
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#30
Chloroform
Concen: 18.565 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.4	80.0





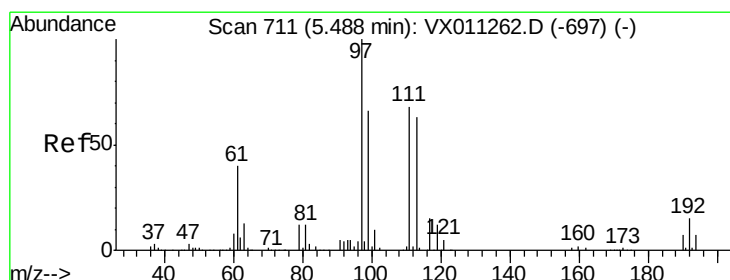
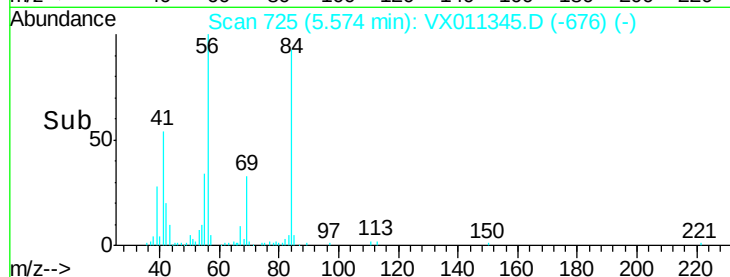
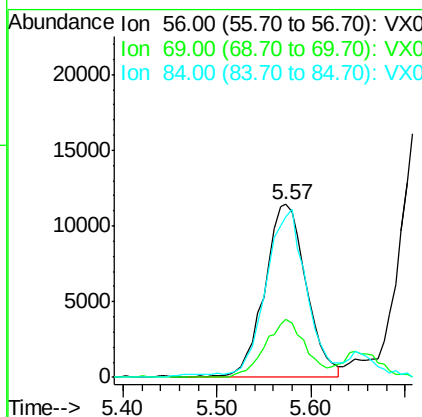
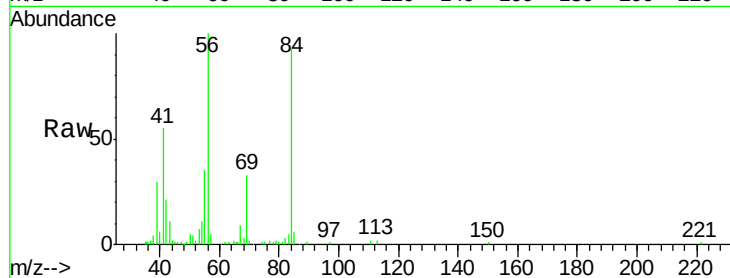
#31
Cyclohexane
Concen: 17.664 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.5	38.3
84	91.1	75.0	112.4

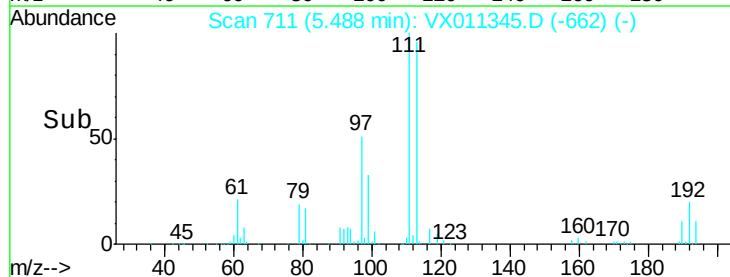
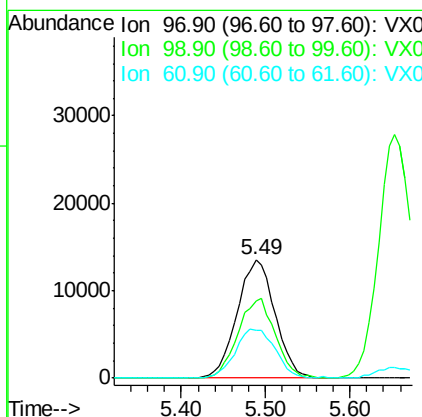
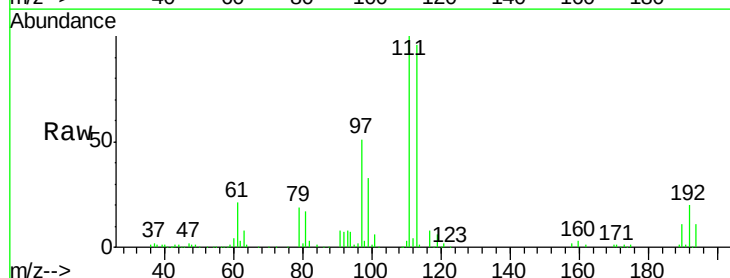
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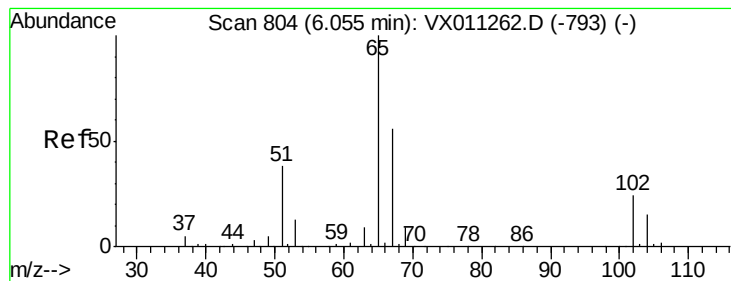
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#32
1,1,1-Trichloroethane
Concen: 18.283 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.6	77.4
61	44.3	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 52.146 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

Tot Ion: 65 Resp: 80763

Ion Ratio Lower Upper

65 100

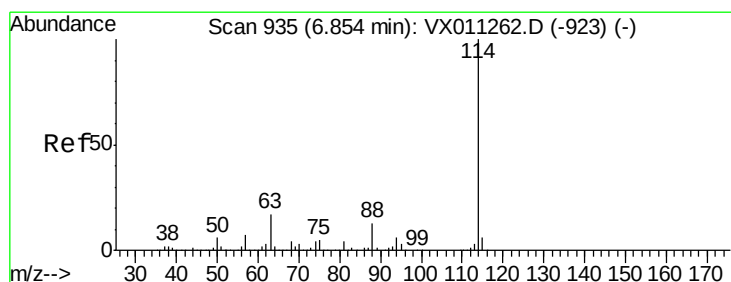
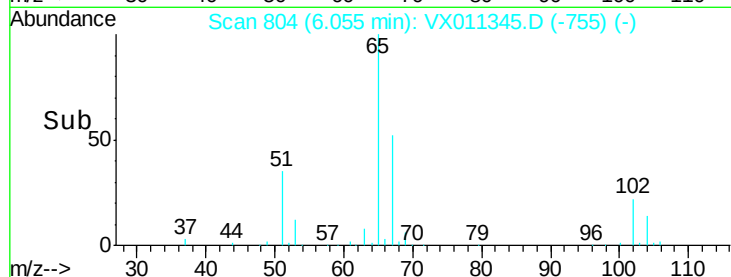
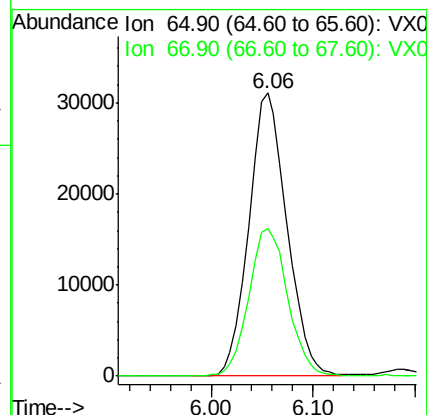
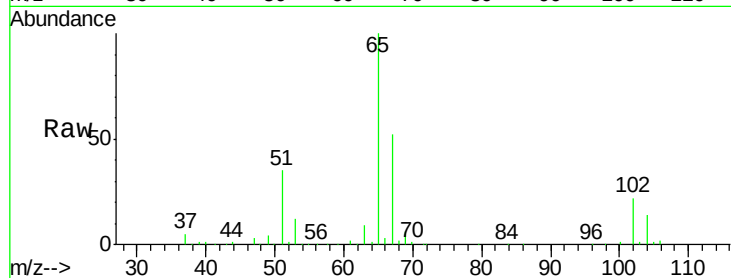
67 53.3 0.0 110.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

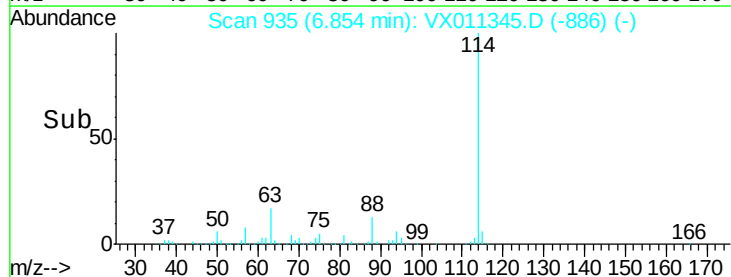
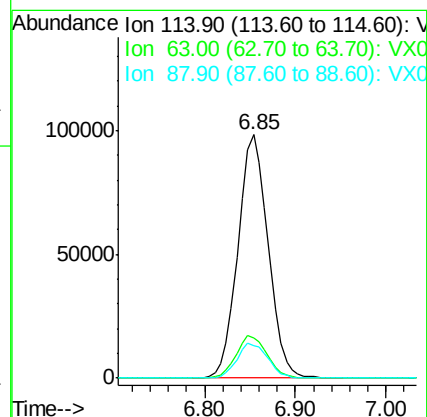
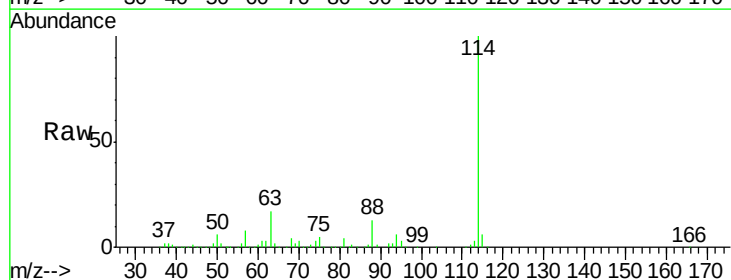
Tgt Ion: 114 Resp: 227099

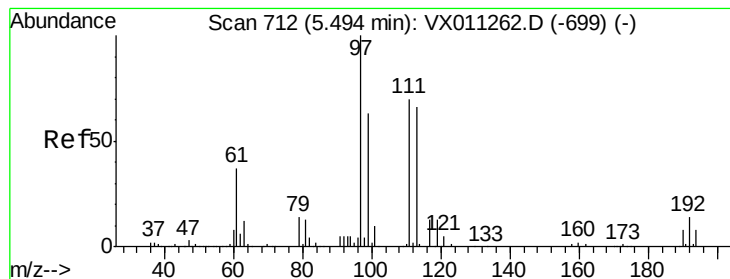
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.0

88 13.5 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.185 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

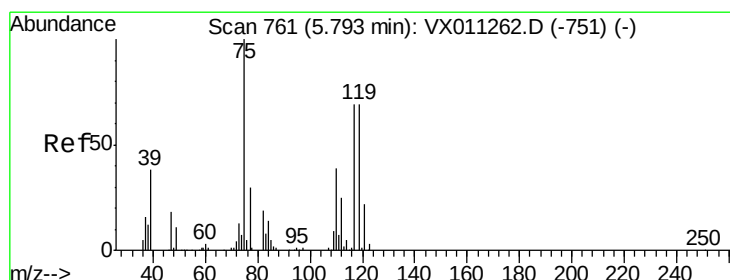
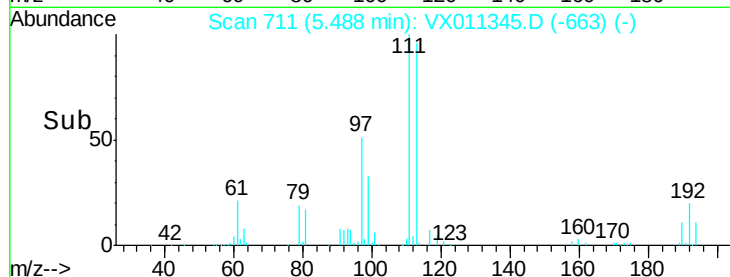
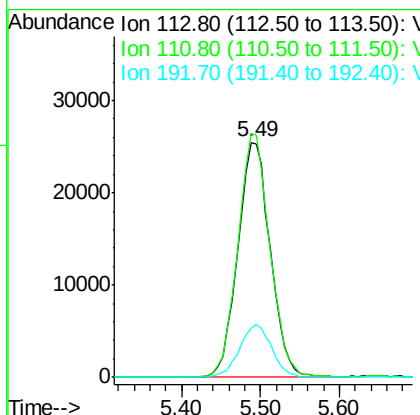
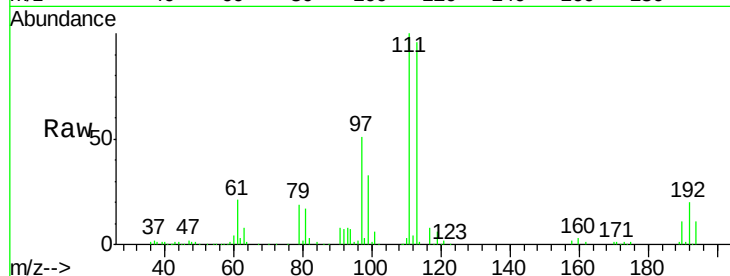
ClientSampled :

VX0806WBS01

Tot Ion:	113	Resp:	72925
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	22.2	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 17.360 ug/l

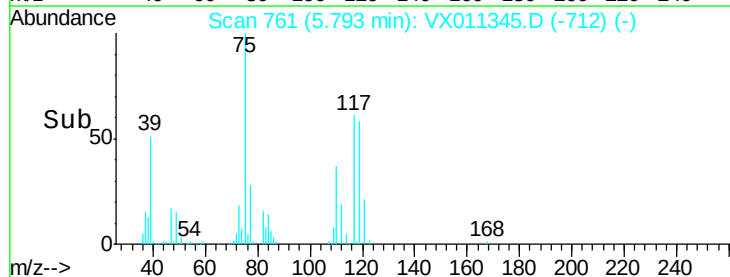
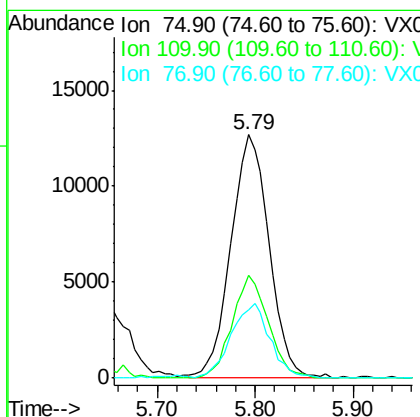
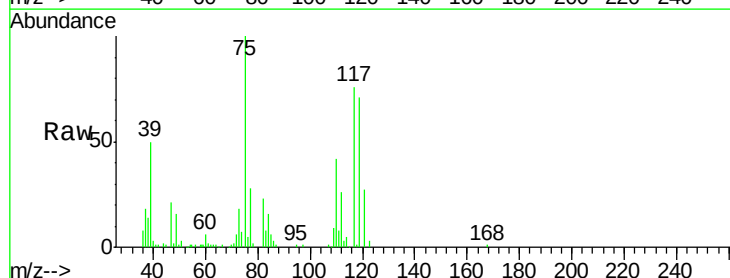
RT: 5.79 min Scan# 761

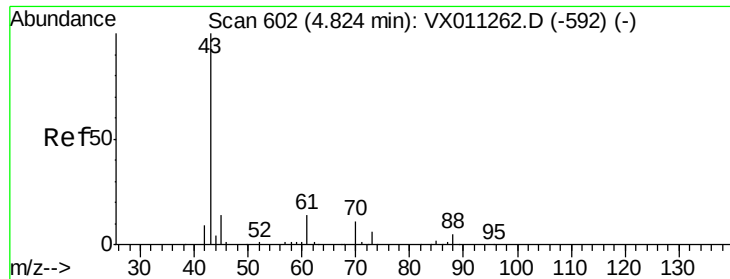
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	75	Resp:	34422
Ion	Ratio	Lower	Upper
75	100		
110	39.7	20.0	59.9
77	31.1	24.8	37.2





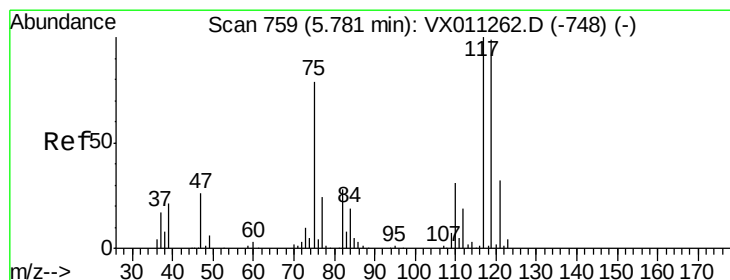
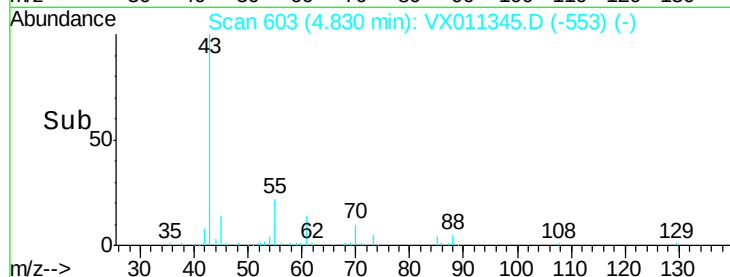
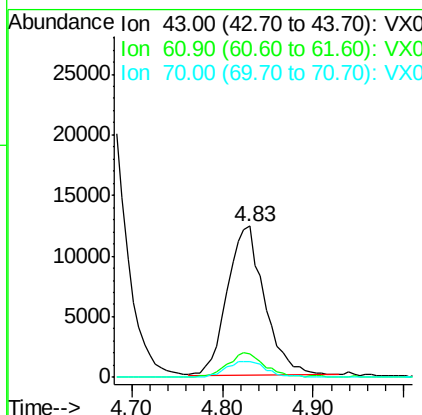
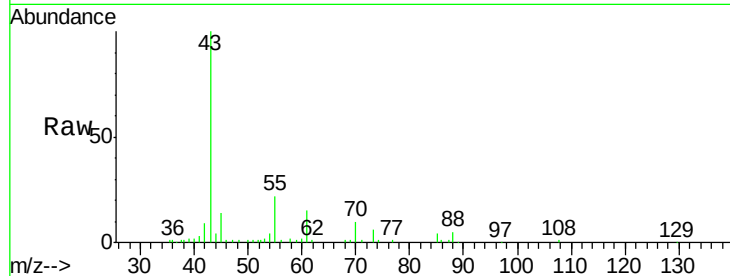
#37
Ethyl Acetate
Concen: 17.603 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	12.6	18.8
70	12.1	9.1	13.7

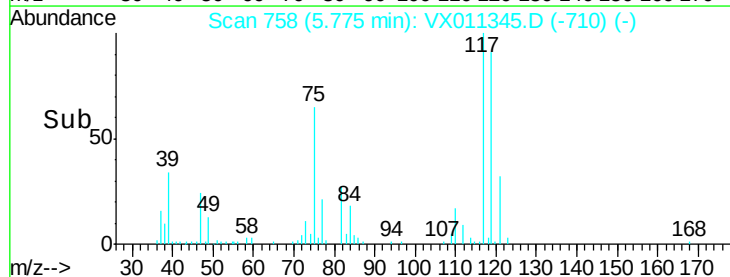
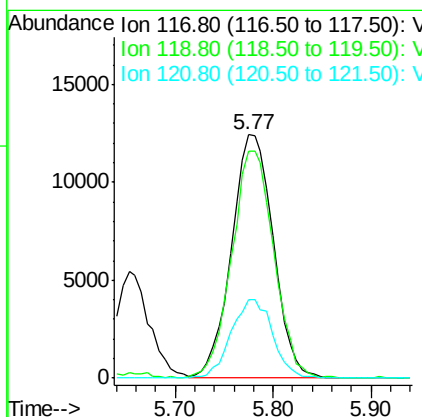
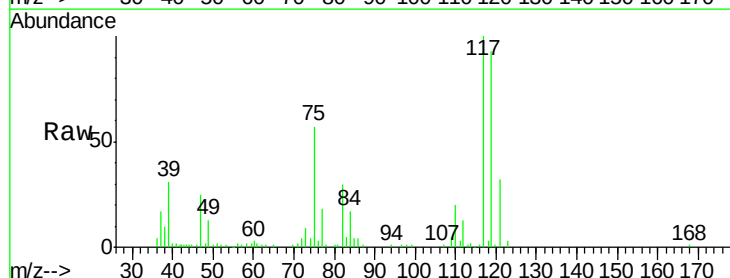
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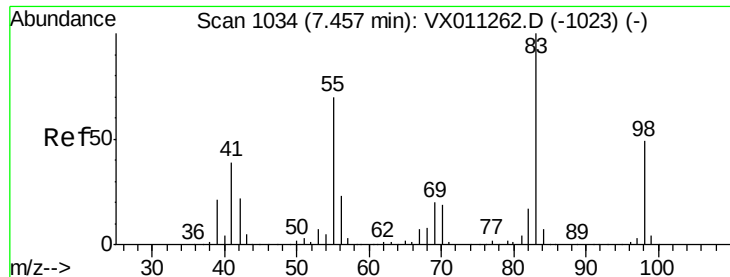
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#38
Carbon Tetrachloride
Concen: 18.458 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	79.0	118.4
121	32.1	25.9	38.9





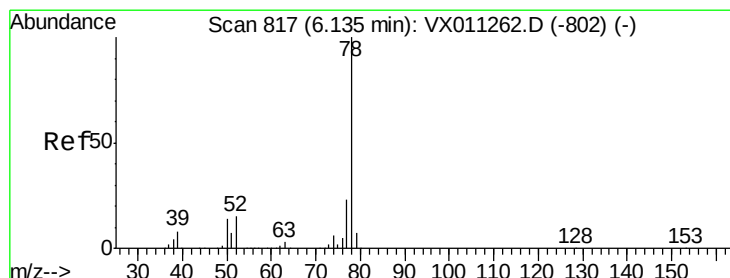
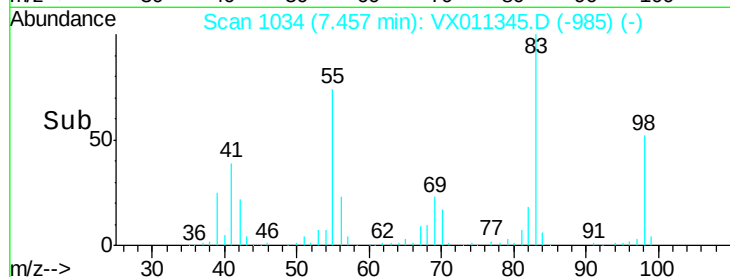
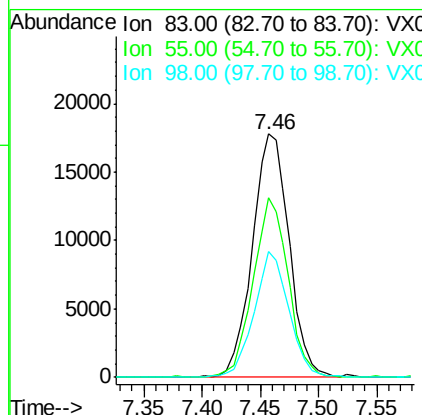
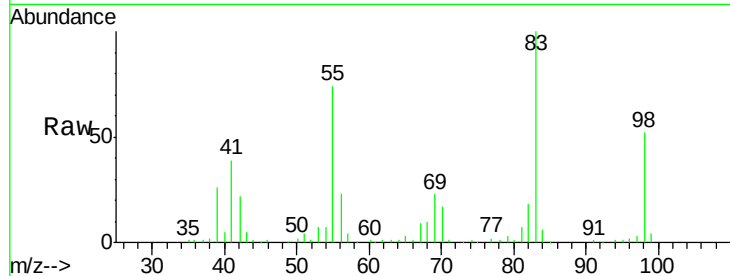
#39
Methylvlcyclohexane
Concen: 16.693 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.9	56.1	84.1	
98	51.9	39.0	58.4	

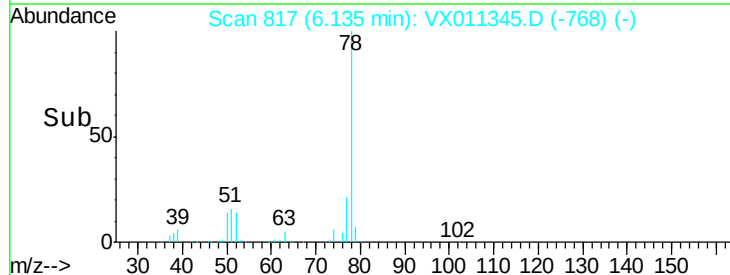
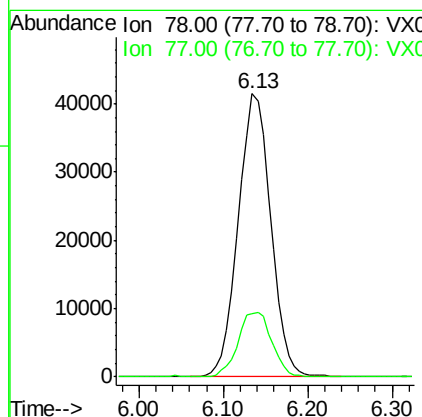
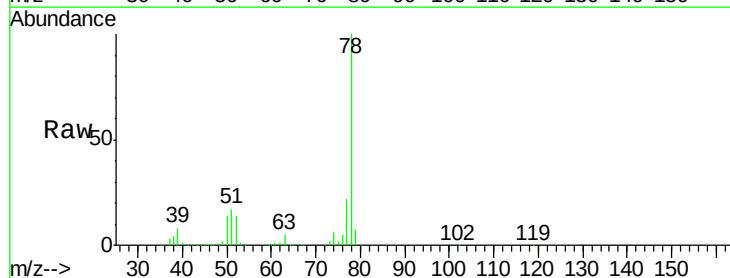
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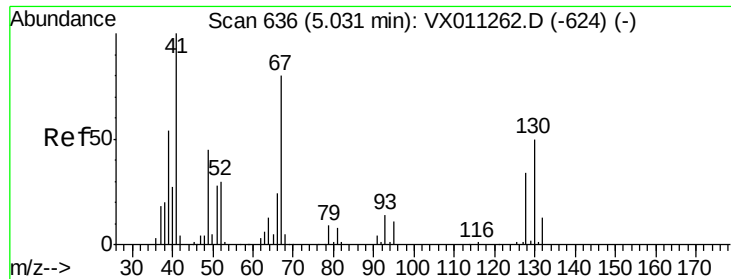
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#40
Benzene
Concen: 18.295 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.3	18.2	27.2	





#41

Methacrylonitrile

Concen: 17.648 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

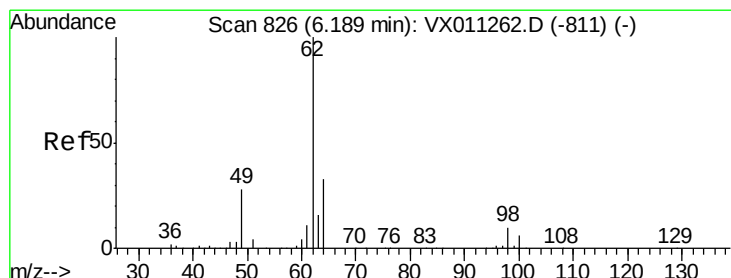
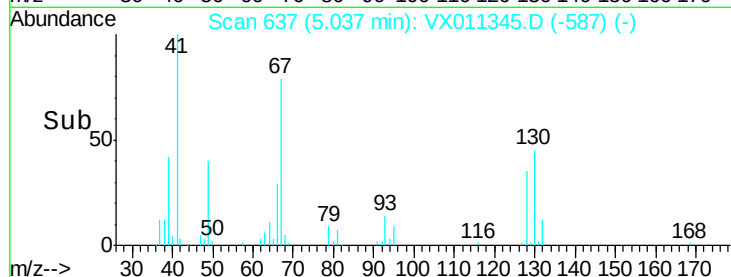
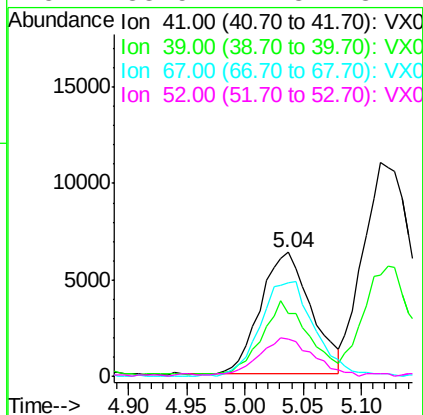
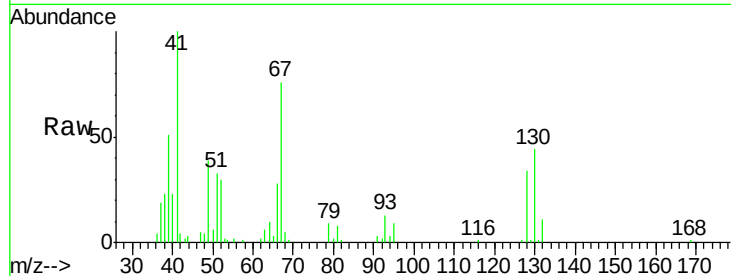
ClientSampled :

VX0806WBS01

Tot Ion:	41	Resp:	19169
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.0	64.6
67	83.1	65.1	97.7
52	33.5	24.8	37.2

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#42

1,2-Dichloroethane

Concen: 19.184 ug/l

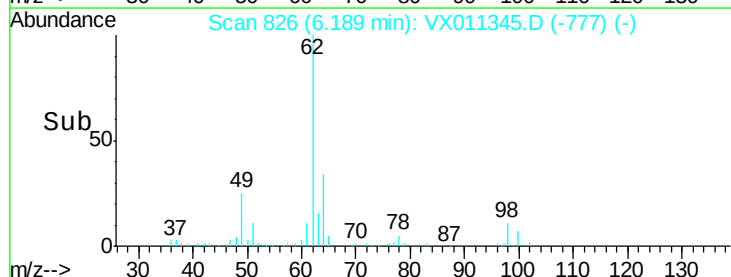
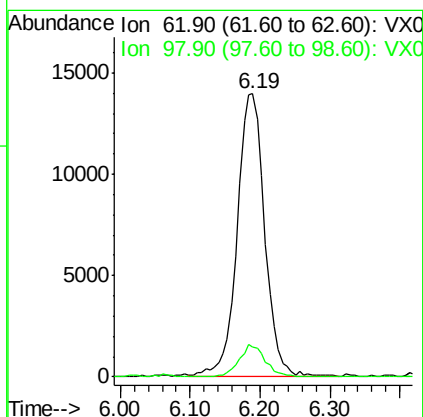
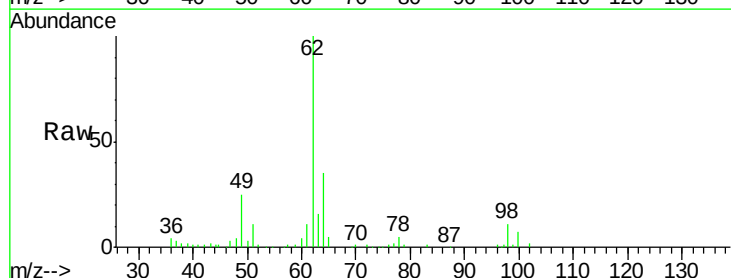
RT: 6.19 min Scan# 826

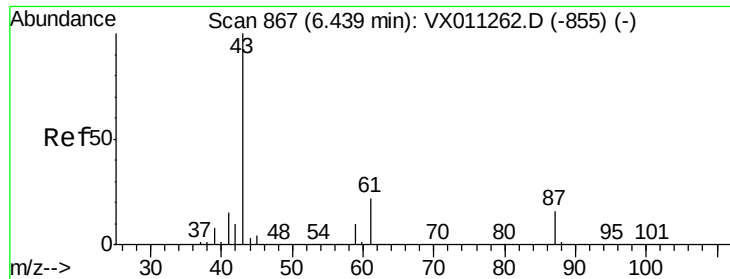
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	62	Resp:	38382
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6





#43

Isopropyl Acetate

Concen: 18.374 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

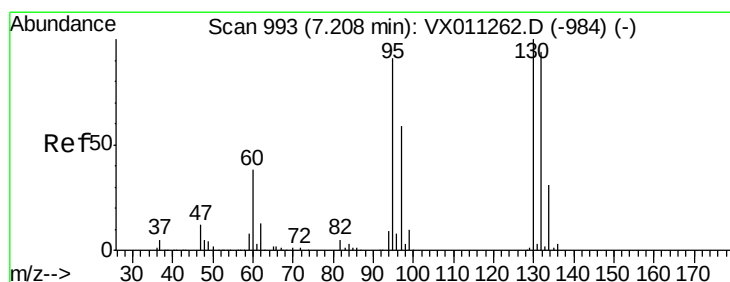
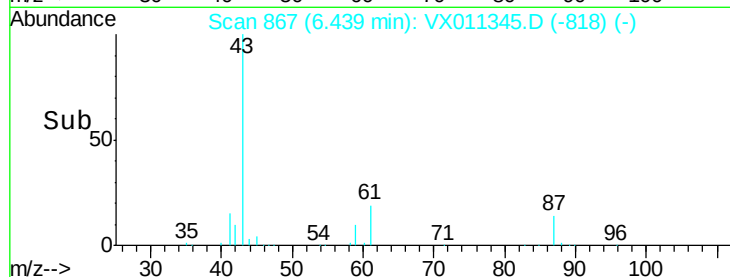
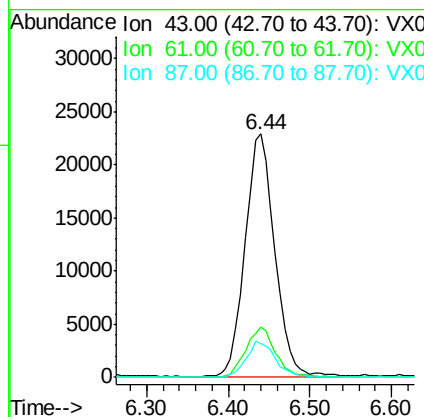
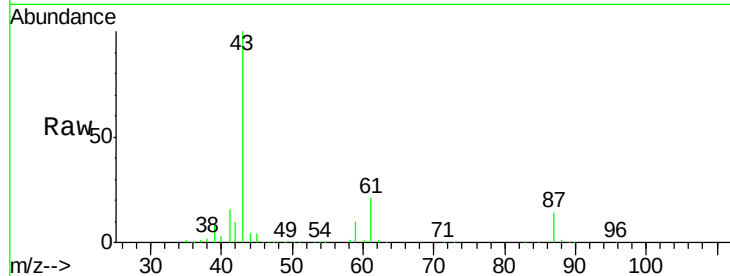
ClientSampleId :

VX0806WBS01

Tot Ion:	43	Resp:	58426
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.5	24.7
87	14.4	12.1	18.1

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8/7/2019 11:25:36 AM



#44

Trichloroethene

Concen: 17.660 ug/l

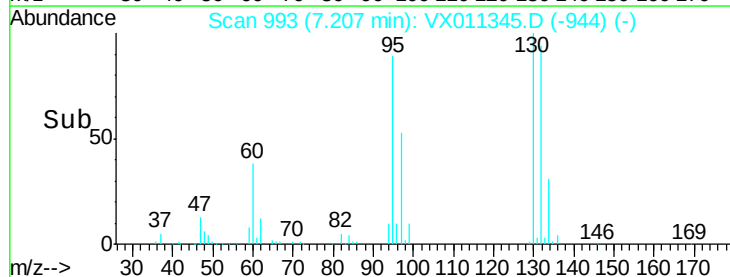
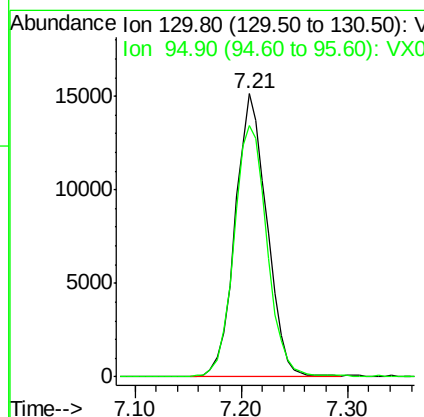
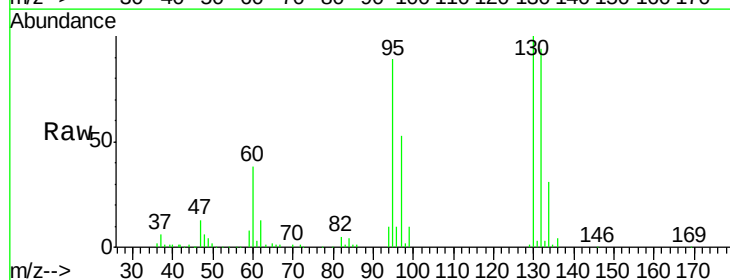
RT: 7.21 min Scan# 993

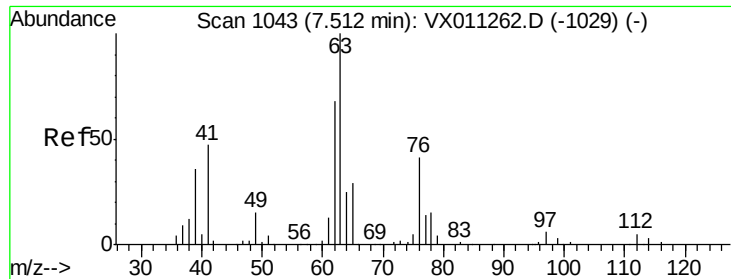
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	130	Resp:	31627
Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	182.6





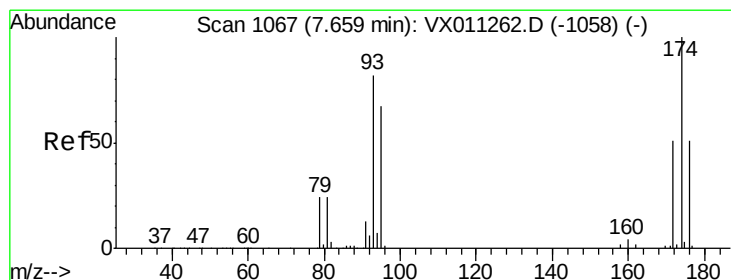
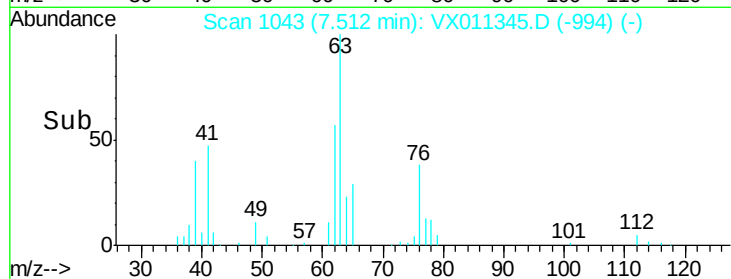
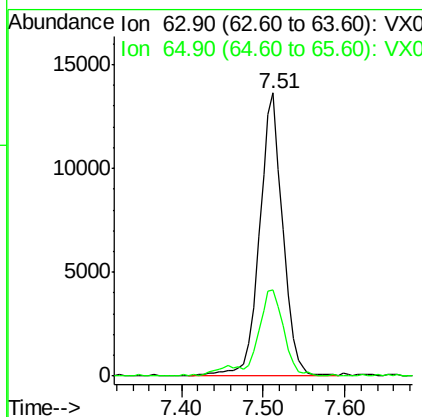
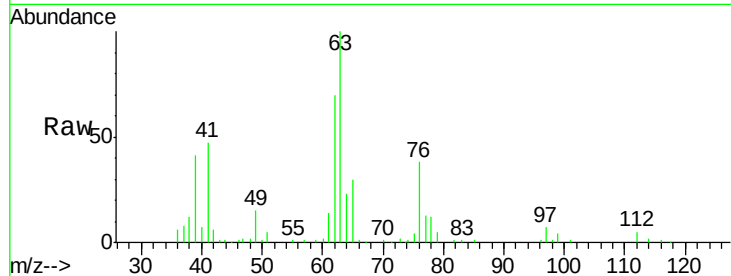
#45
 1,2-Dichloropropane
 Concen: 17.708 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

Tot Ion: 63 Resp: 27135
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.3 34.9

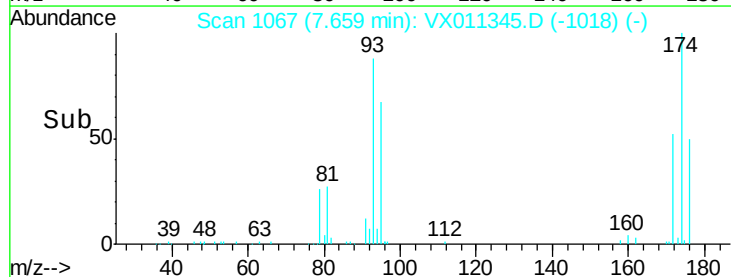
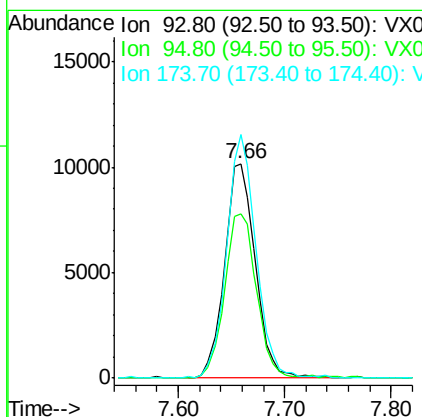
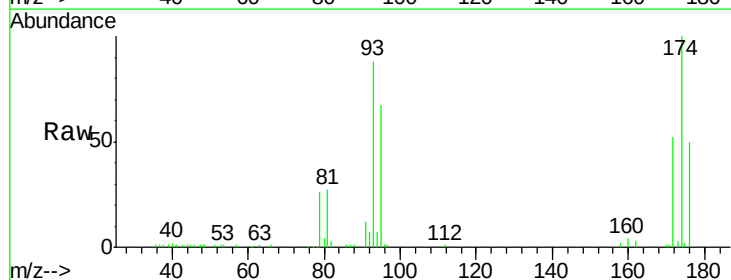
Manual Integrations
 APPROVED

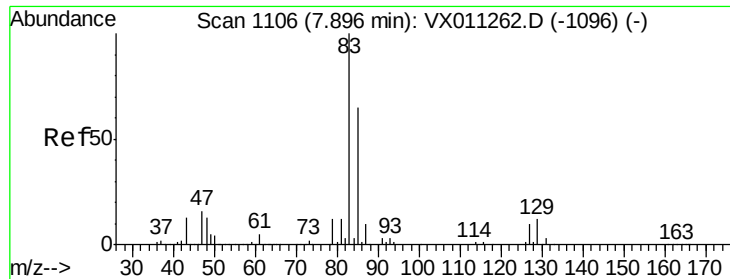
MMDadoda
 8/7/2019 11:25:36 AM



#46
 Dibromomethane
 Concen: 18.338 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 93 Resp: 20513
 Ion Ratio Lower Upper
 93 100
 95 79.6 66.4 99.6
 174 108.3 93.4 140.2





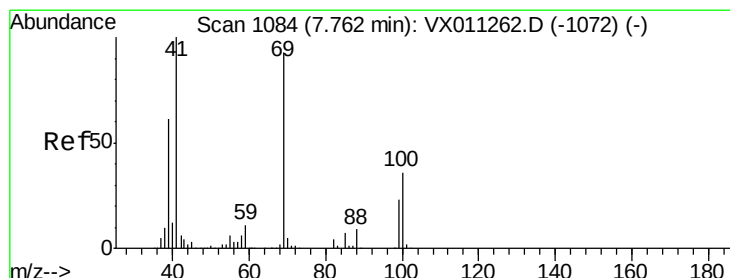
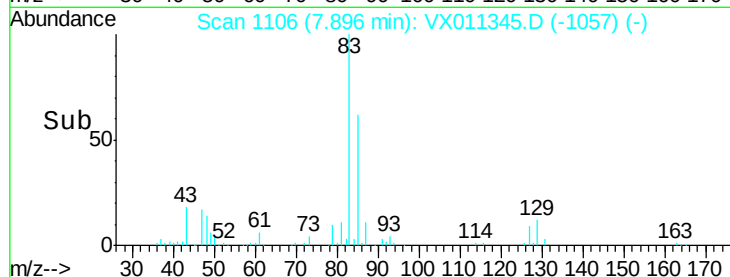
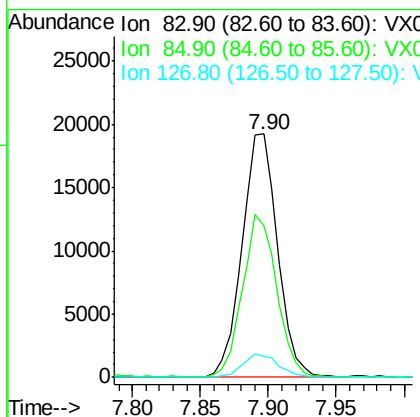
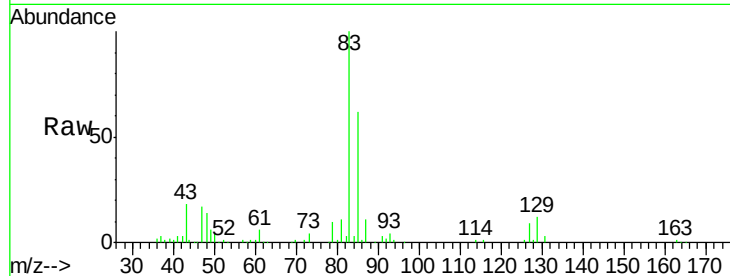
#47
 Bromodichloromethane
 Concen: 18.565 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

Tot Ion	83	Resp	35161
Ion Ratio	100	Lower	Upper
83	100		
85	62.4	52.2	78.2
127	8.7	7.8	11.8

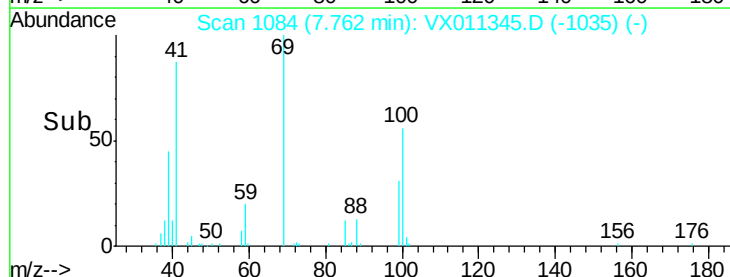
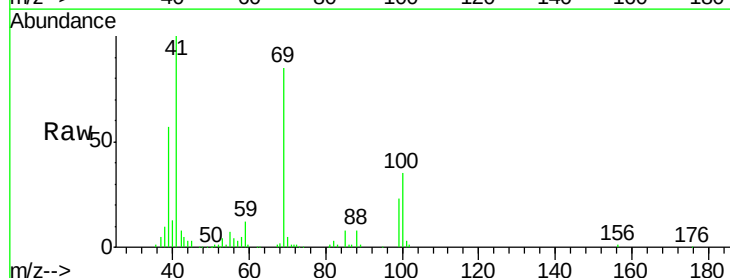
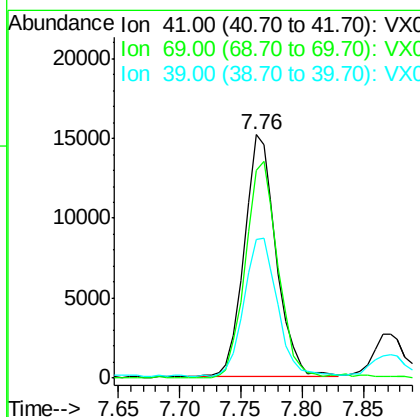
Manual Integrations
 APPROVED

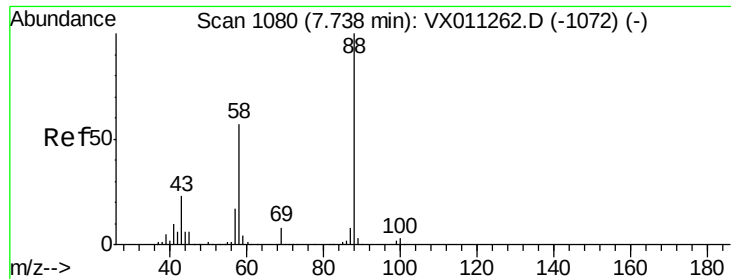
MMDadoda
 8/7/2019 11:25:36 AM



#48
 Methyl methacrylate
 Concen: 18.307 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion	41	Resp	27395
Ion Ratio	100	Lower	Upper
41	100		
69	91.9	74.5	111.7
39	59.7	48.6	72.8





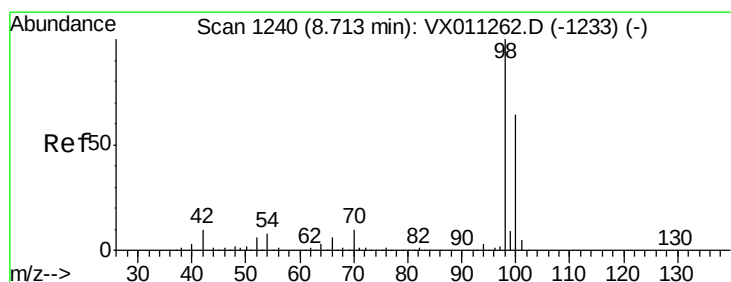
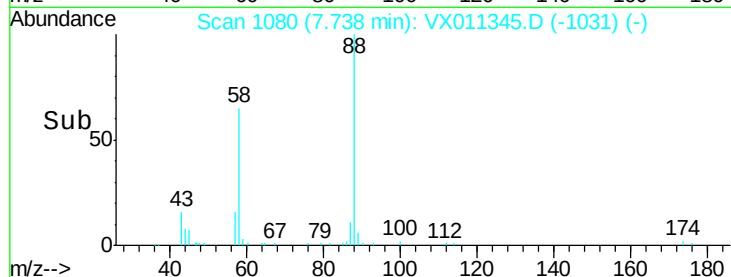
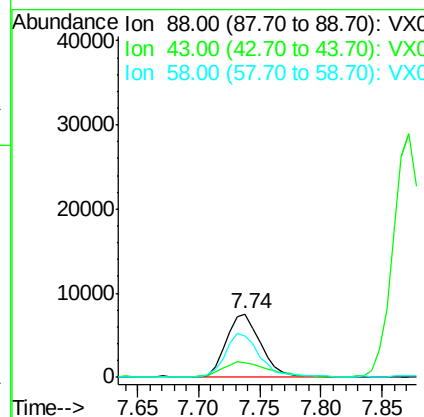
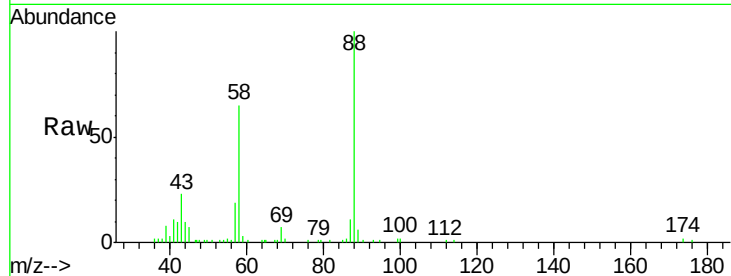
#49
1,4-Dioxane
Concen: 343.659 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	22.2	33.2#
58	68.2	47.8	71.8

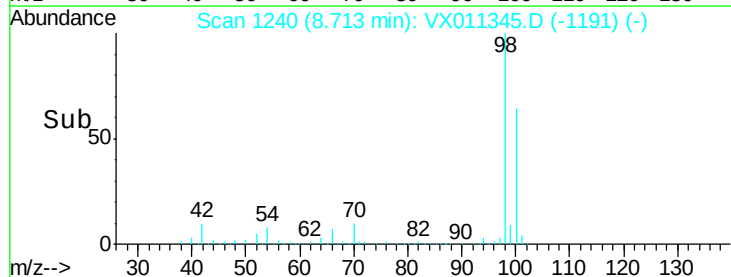
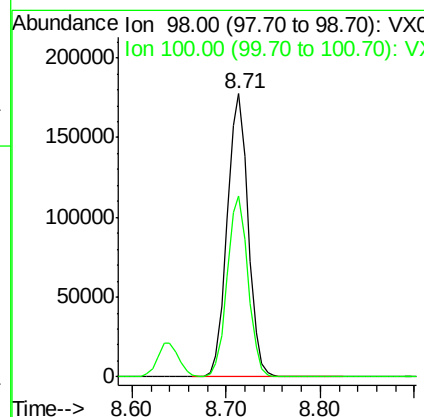
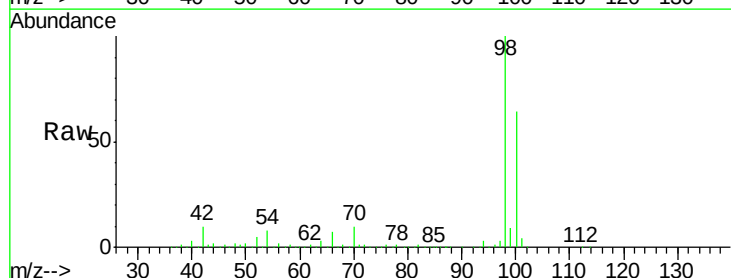
Manual Integrations
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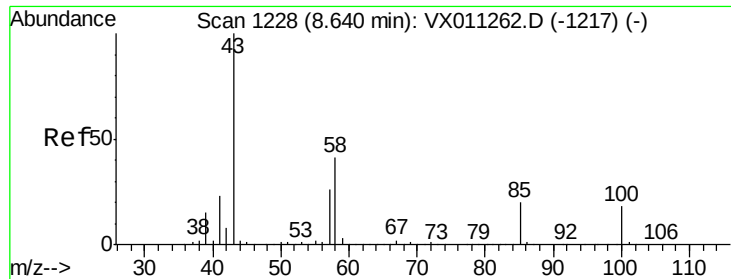
MMDadoda
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#50
Toluene-d8
Concen: 48.801 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 94.137 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion: 43 Resp: 193179

Ion Ratio Lower Upper

43 100

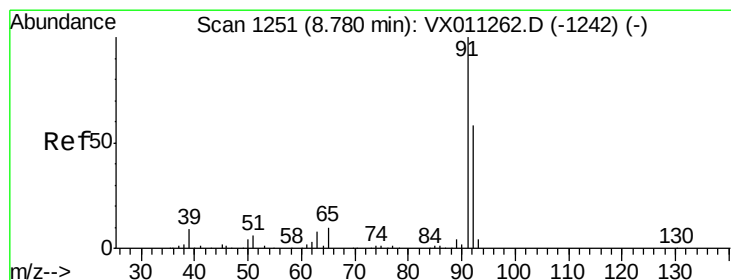
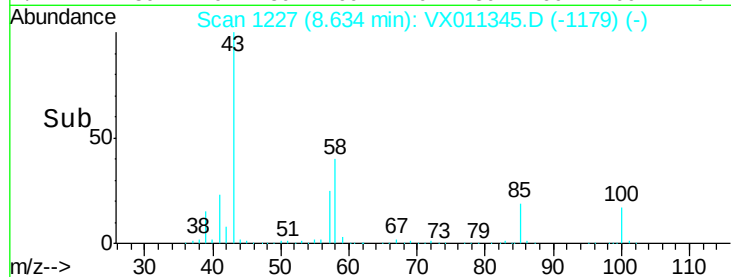
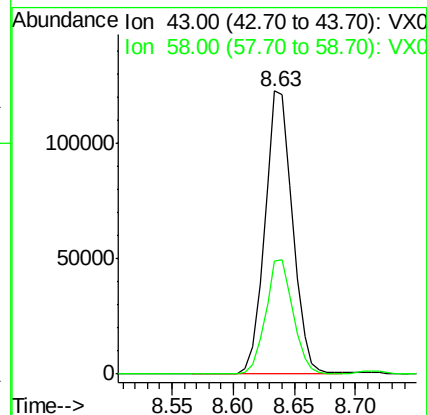
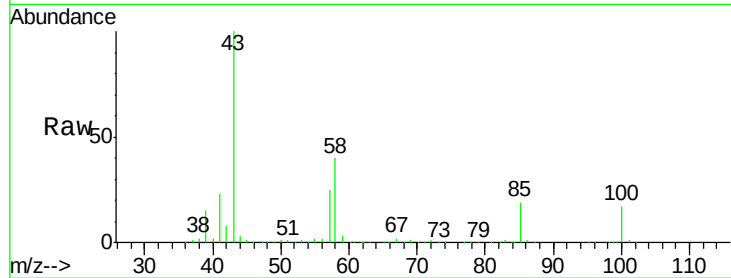
58 40.1 32.3 48.5

Manual Integrations

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MMDadoda

8/7/2019 11:25:36 AM



#52

Toluene

Concen: 17.915 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011345.D

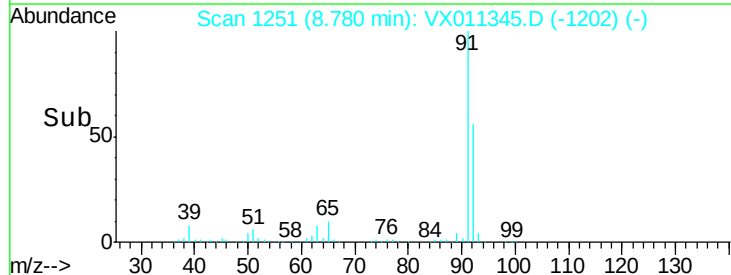
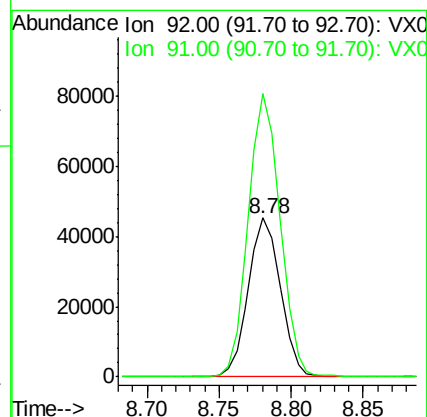
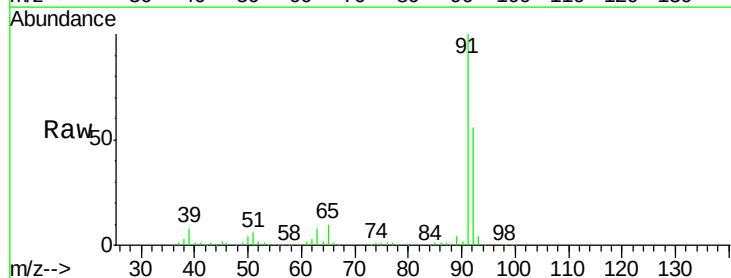
Acq: 06 Aug 2019 11:54

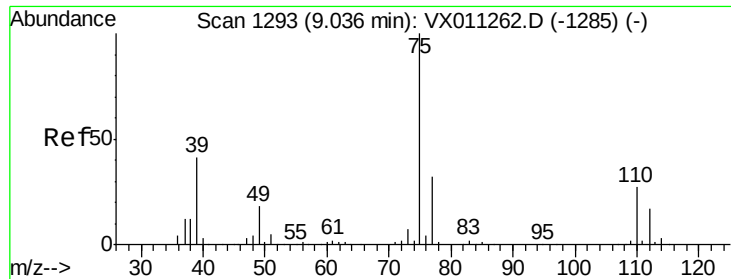
Tgt Ion: 92 Resp: 70085

Ion Ratio Lower Upper

92 100

91 176.4 139.4 209.0





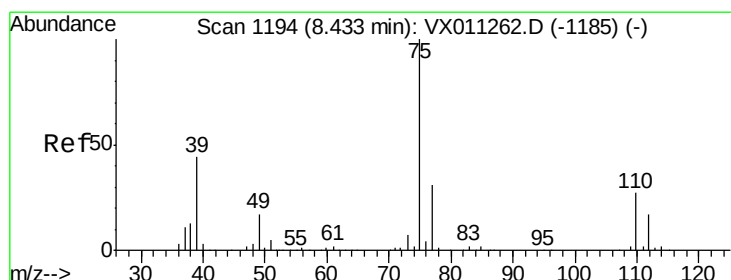
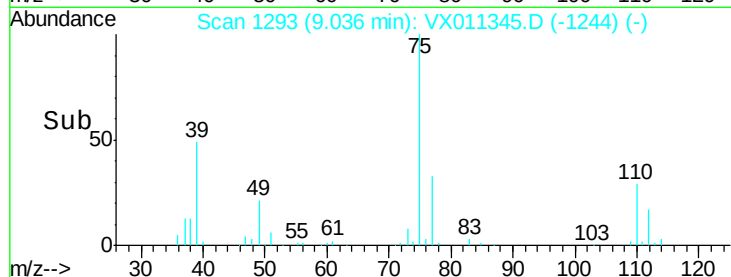
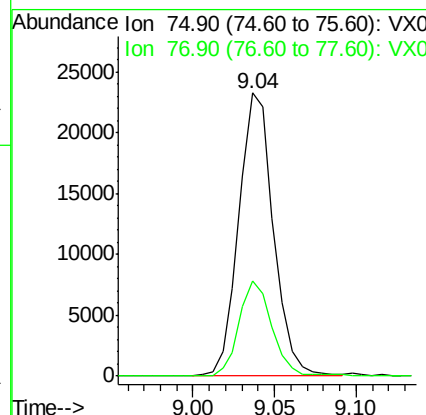
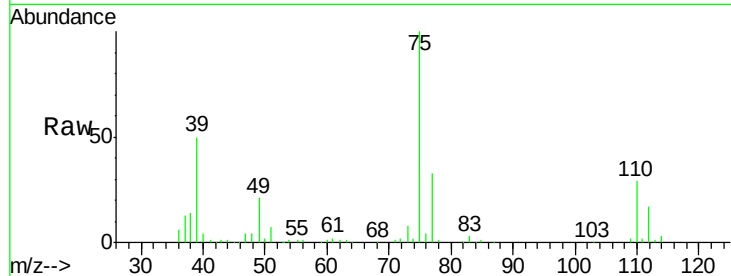
#53
t-1,3-Dichloropropene
Concen: 17.571 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.0

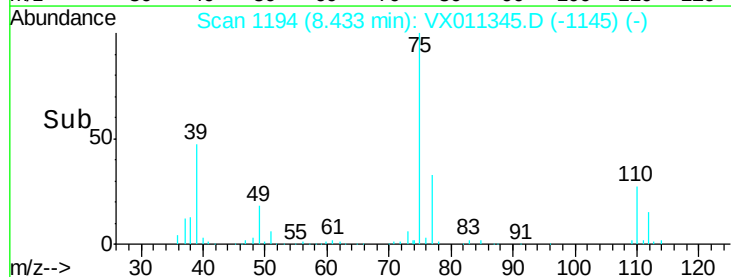
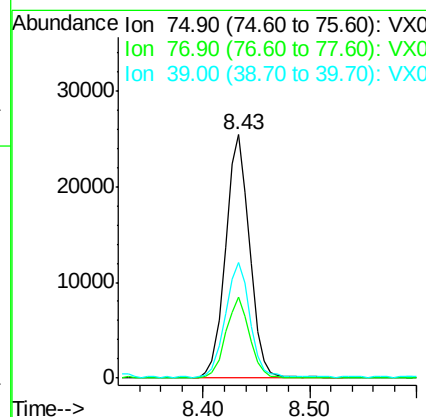
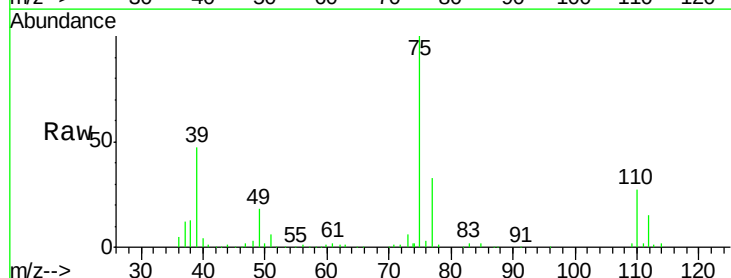
Manual Integrations
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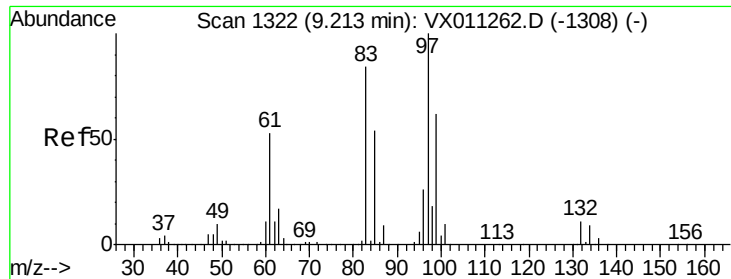
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.188 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.0	37.6
39	46.9	35.3	52.9





#55

1,1,2-Trichloroethane

Concen: 18.217 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

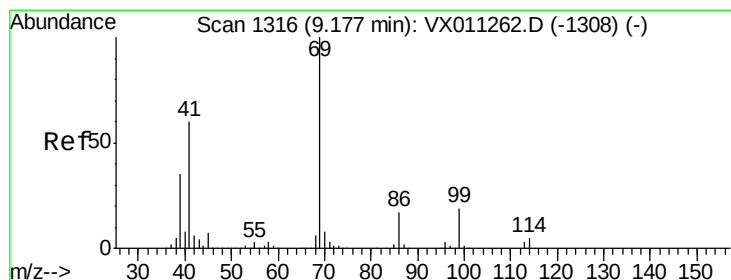
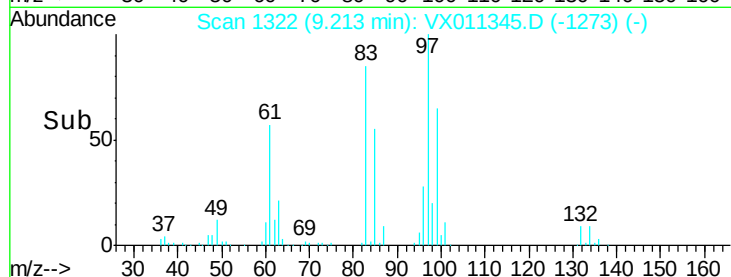
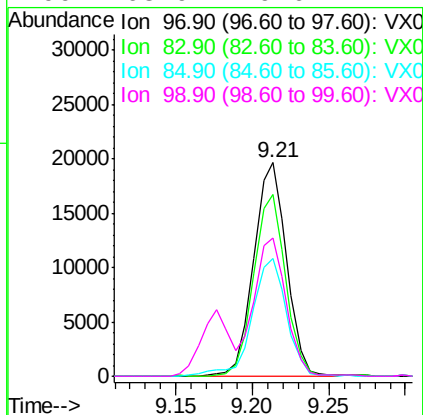
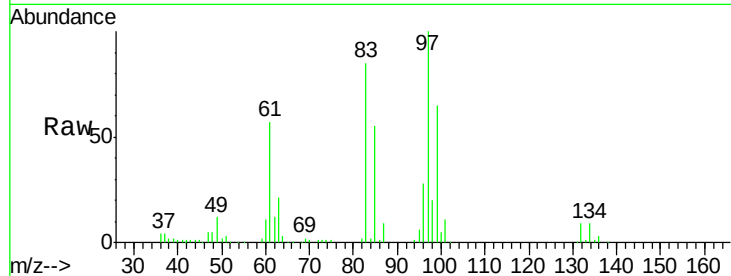
ClientSampleId :

VX0806WBS01

Tot Ion:	97	Resp:	29301
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.6	101.4
85	54.8	43.4	65.0
99	63.9	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.115 ug/l

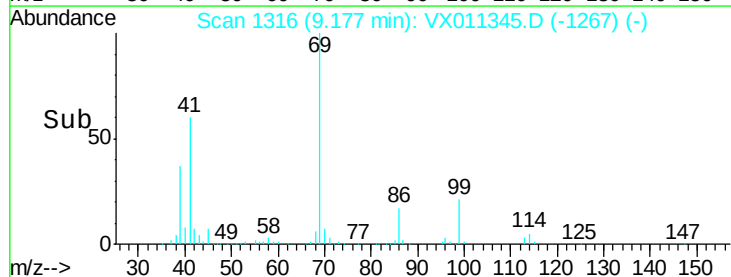
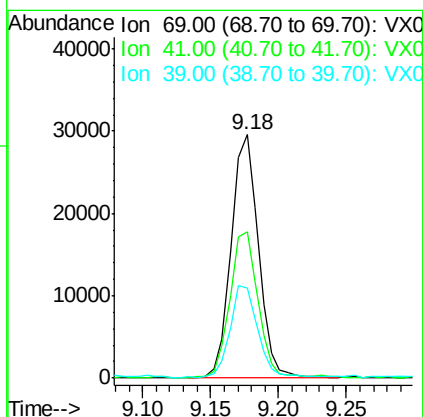
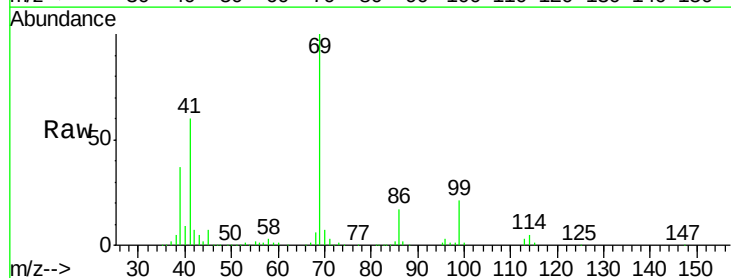
RT: 9.18 min Scan# 1316

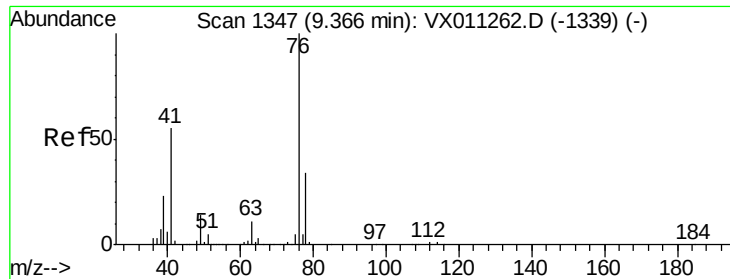
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	69	Resp:	41522
Ion	Ratio	Lower	Upper
69	100		
41	61.2	48.6	73.0
39	37.6	29.4	44.2





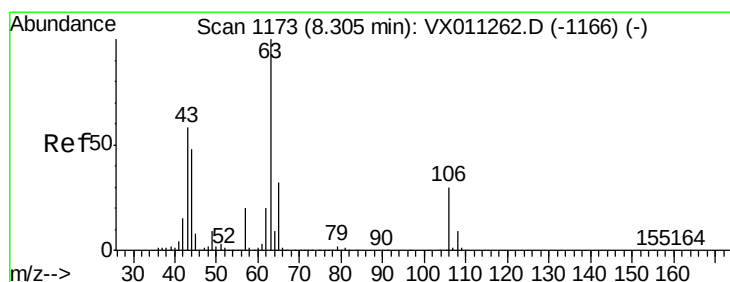
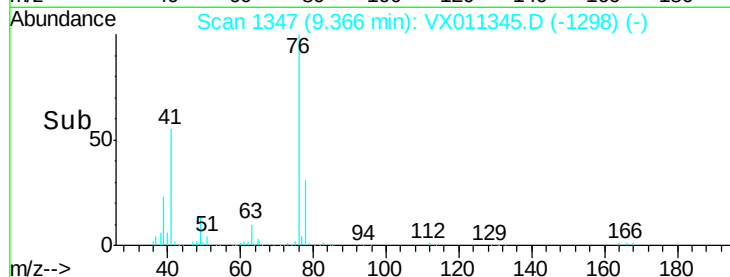
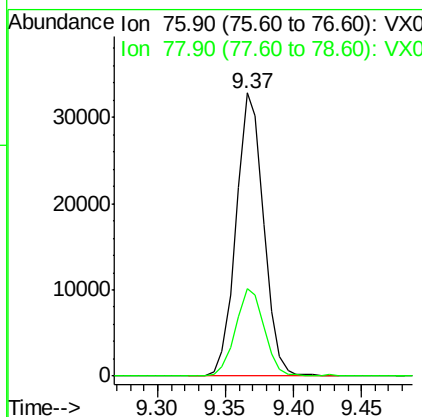
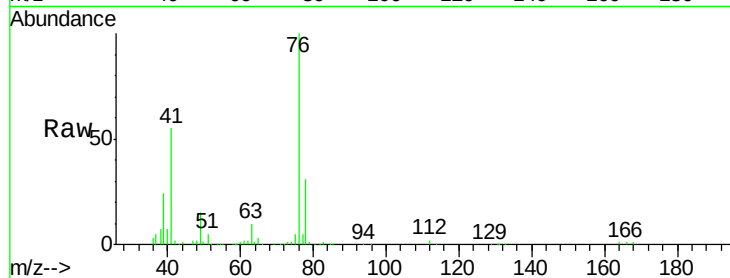
#57
 1,3-Dichloropropane
 Concen: 18.184 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.6	40.0

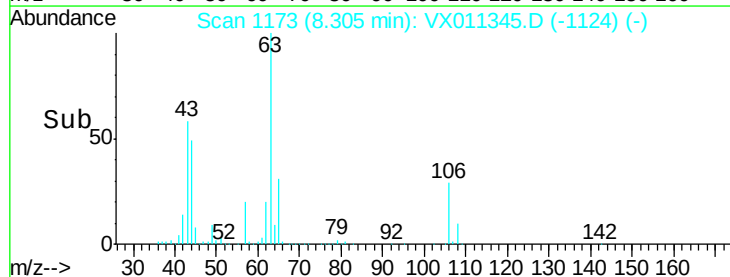
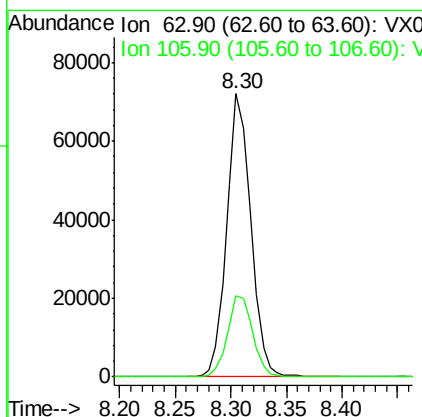
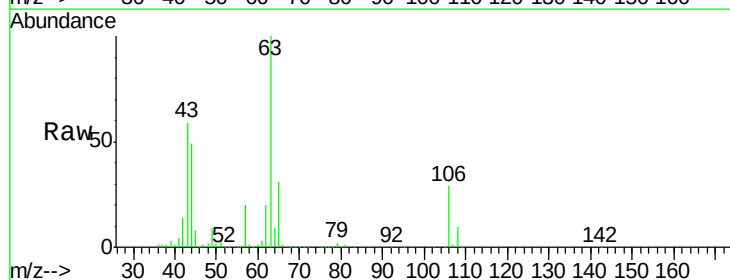
Manual Integrations
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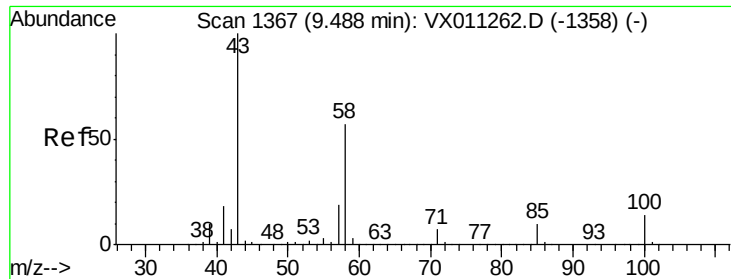
MMDadoda
 8/7/2019 11:25:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.634 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	24.4	36.6





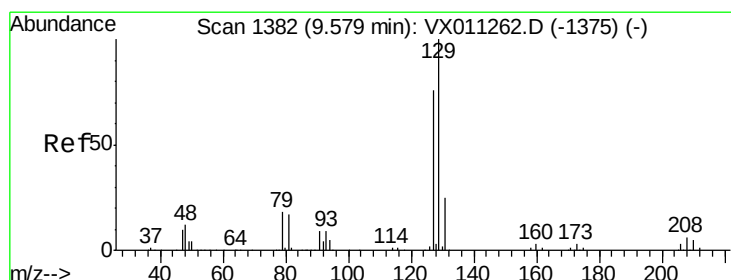
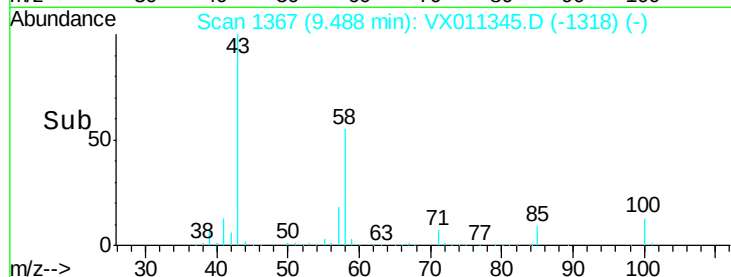
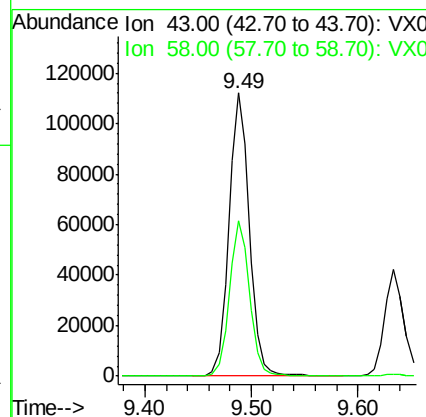
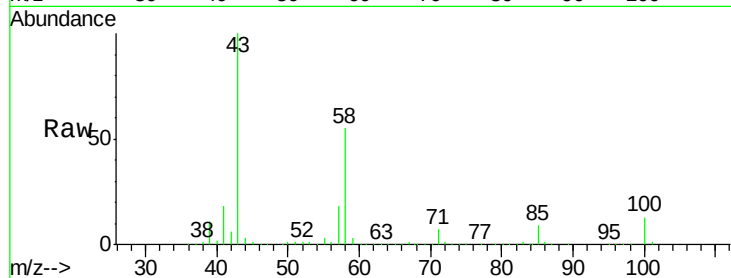
#59
2-Hexanone
Concen: 94.065 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	28.2	84.6

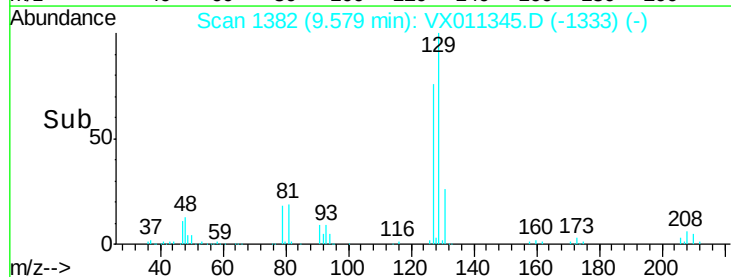
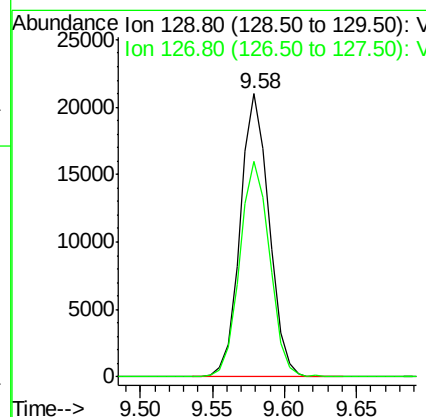
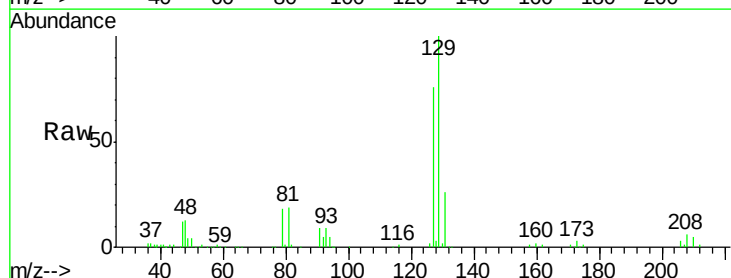
Manual Integrations
APPROVED

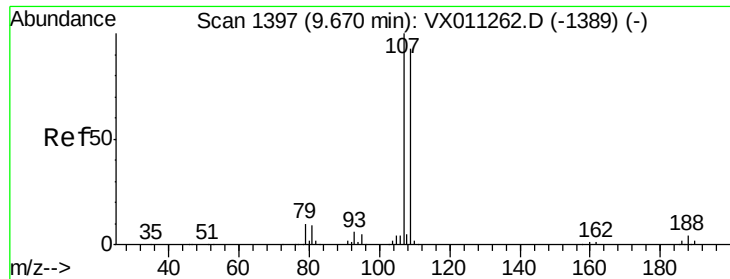
MMDadoda
8/7/2019 11:25:36 AM



#60
Dibromochloromethane
Concen: 17.805 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.2	117.6





#61

1,2-Dibromoethane

Concen: 17.956 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

Tot Ion: 107 Resp: 31204

Ion Ratio Lower Upper

107 100

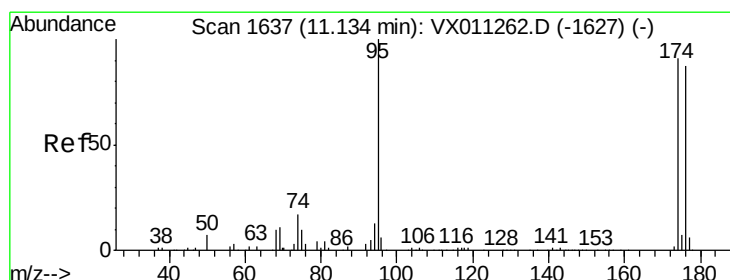
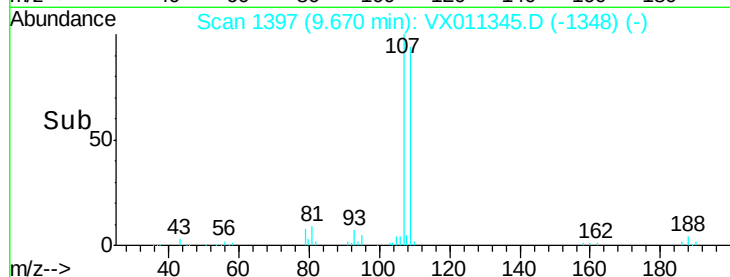
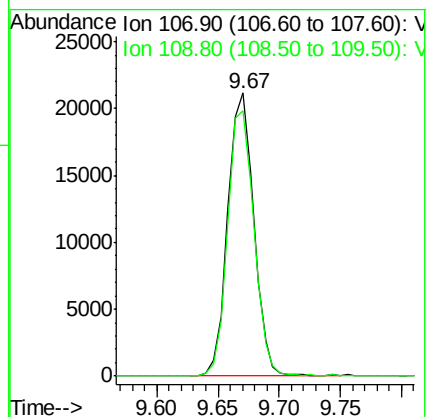
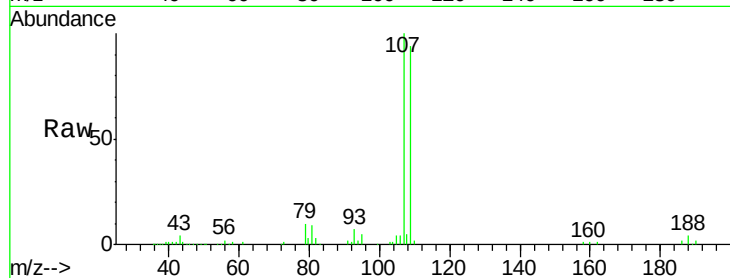
109 94.8 76.6 114.8

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#62

4-Bromofluorobenzene

Concen: 48.436 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

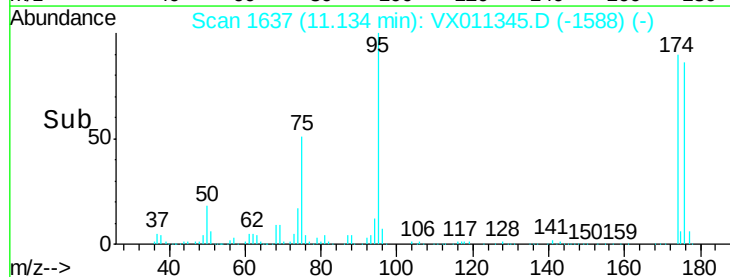
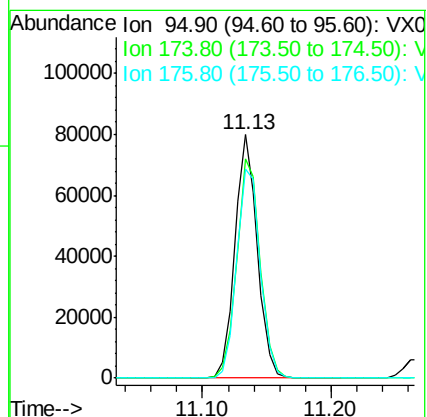
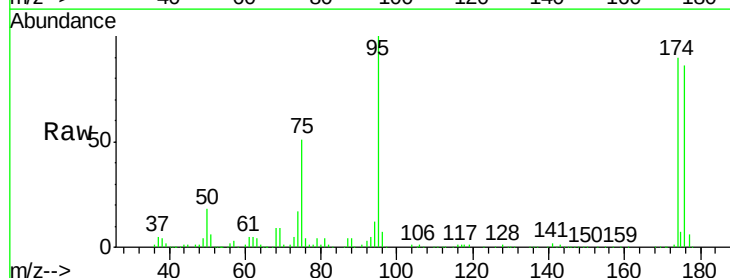
Tgt Ion: 95 Resp: 96784

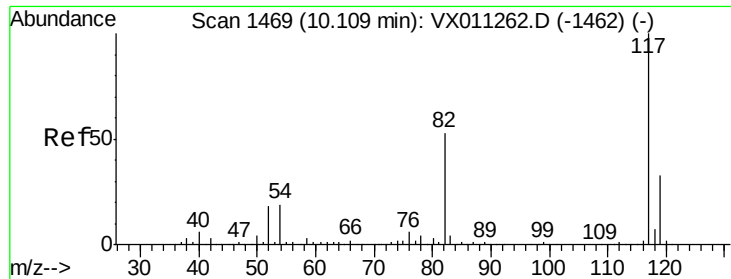
Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.2

176 90.9 0.0 184.8





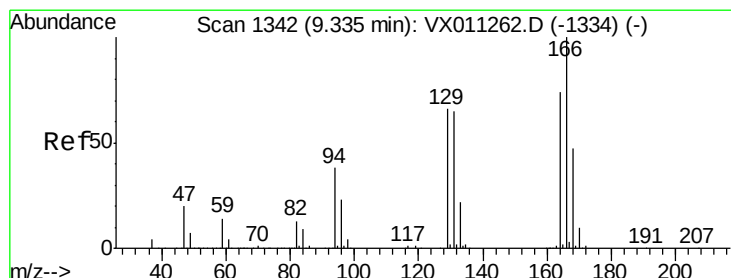
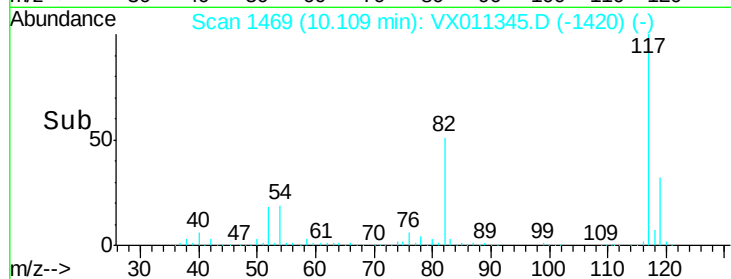
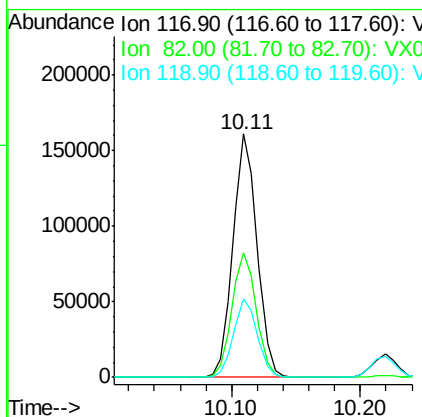
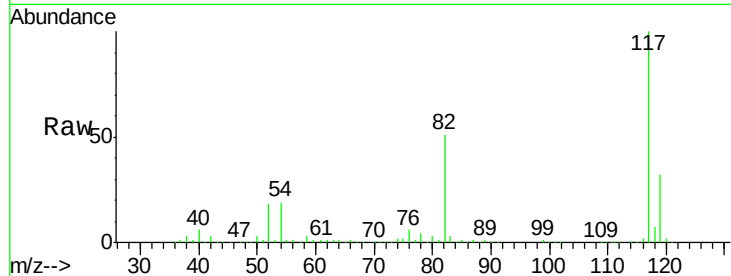
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	210612		
82	51.2	42.2	63.2	
119	32.1	26.6	39.8	

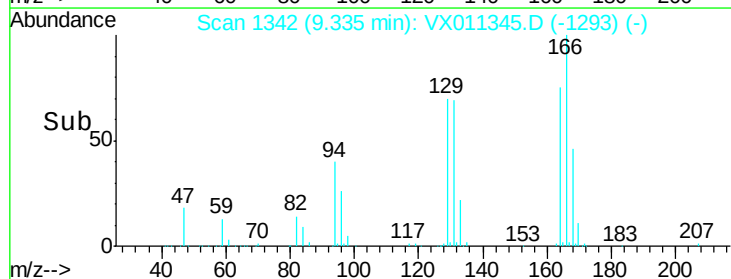
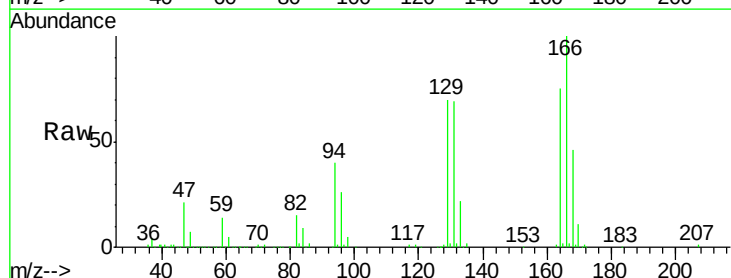
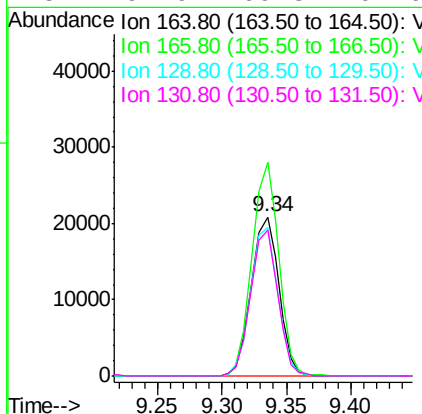
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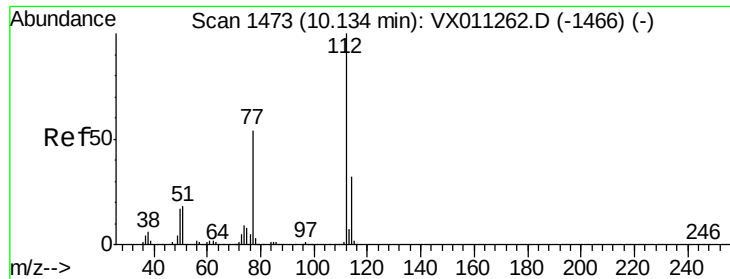
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#64
Tetrachloroethene
Concen: 17.275 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	30898		
166	134.1	107.5	161.3	
129	93.3	71.0	106.4	
131	91.9	69.8	104.6	





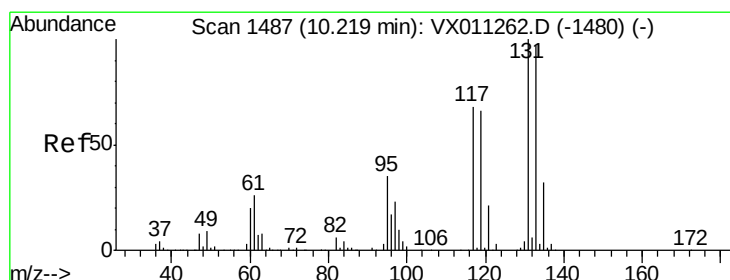
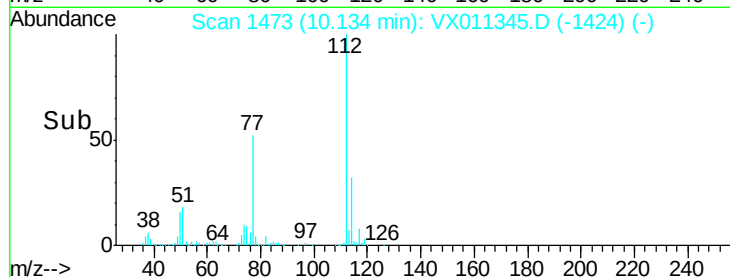
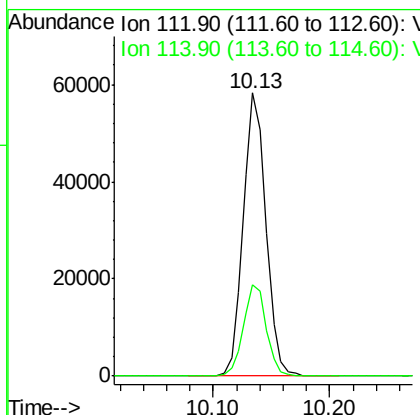
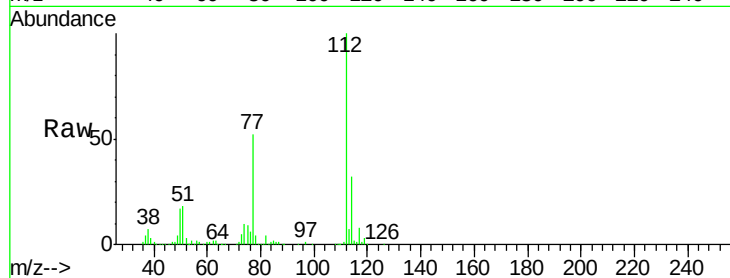
#65
Chlorobenzene
Concen: 17.608 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tot Ion:112 Resp: 79514
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

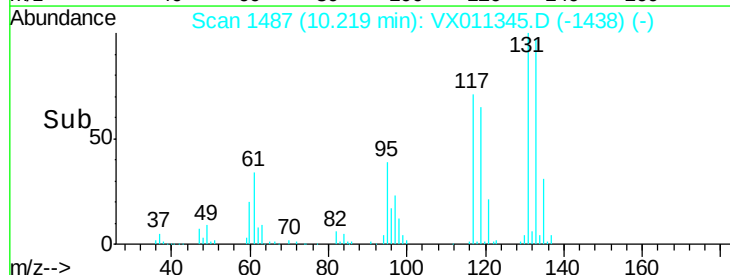
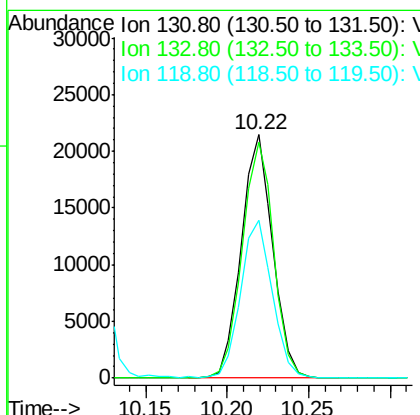
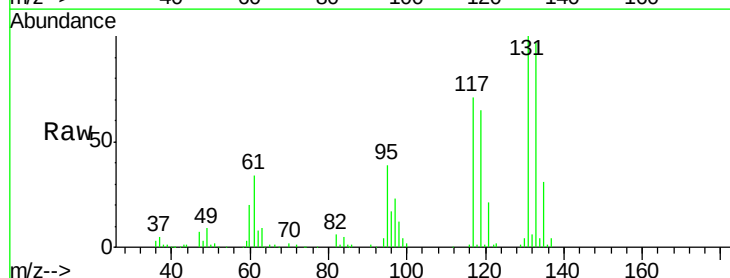
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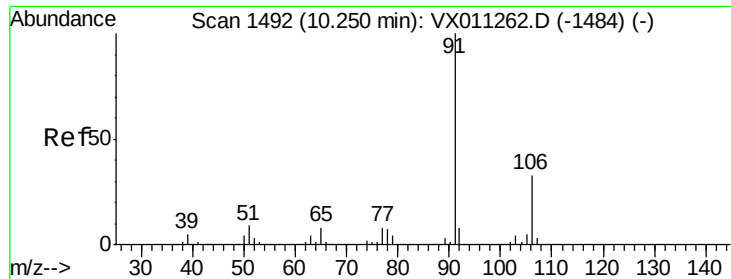
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.621 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion:131 Resp: 28788
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 65.5 32.8 98.3





#67

Ethyl Benzene

Concen: 17.639 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion: 91 Resp: 133400

Ion Ratio Lower Upper

91 100

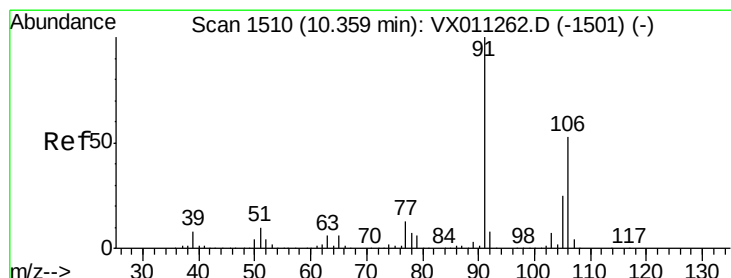
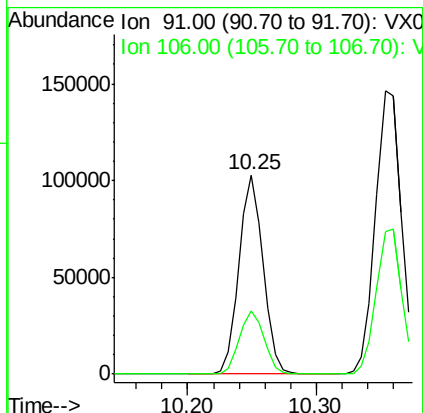
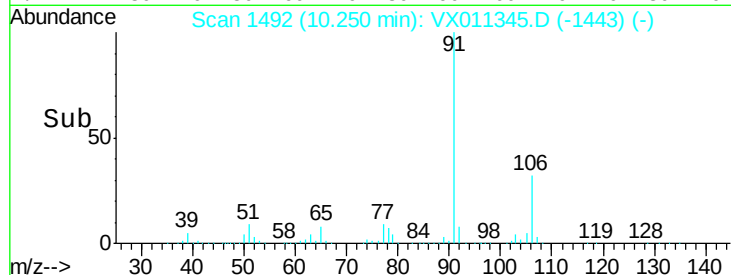
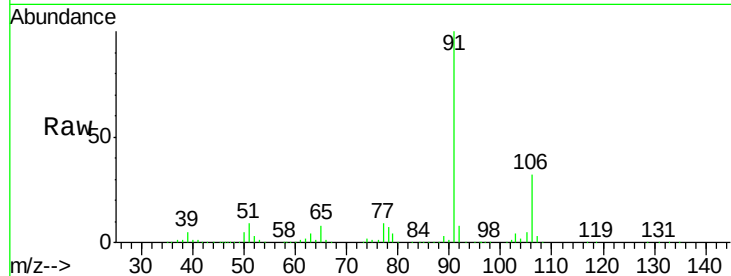
106 32.0 26.2 39.4

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#68

m/p-Xylenes

Concen: 35.427 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011345.D

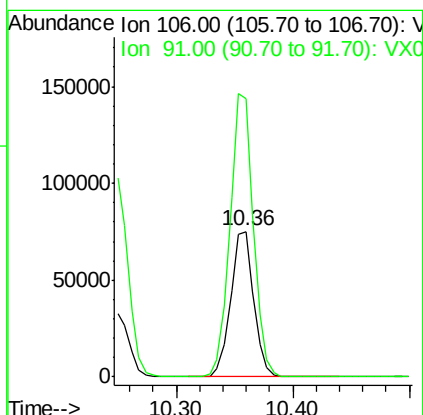
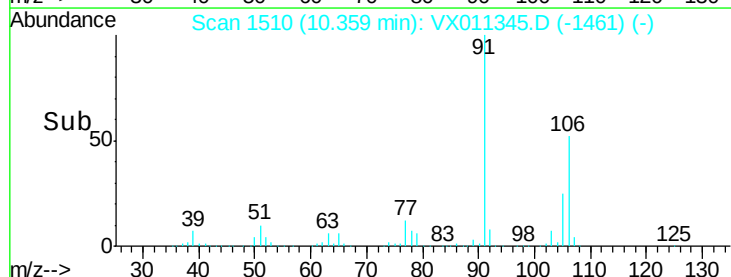
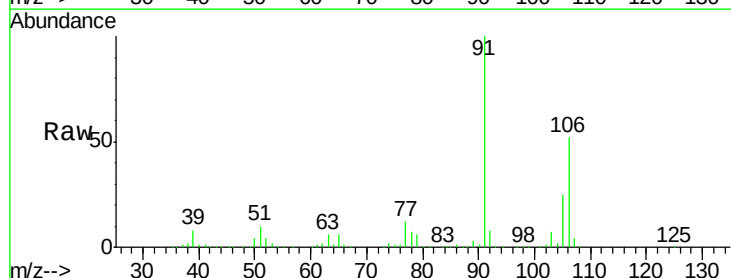
Acq: 06 Aug 2019 11:54

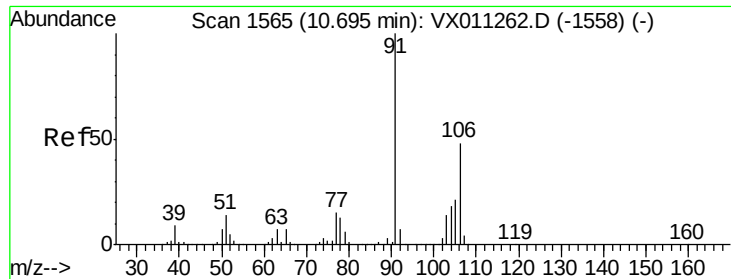
Tgt Ion: 106 Resp: 103633

Ion Ratio Lower Upper

106 100

91 197.1 155.9 233.9





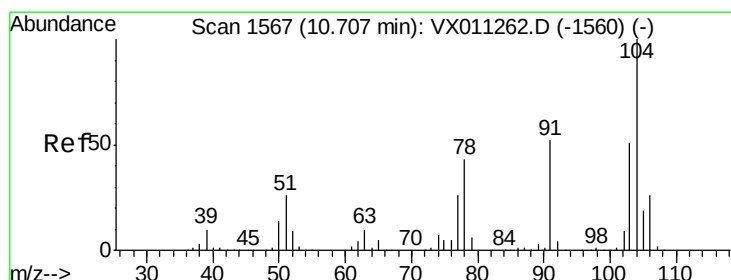
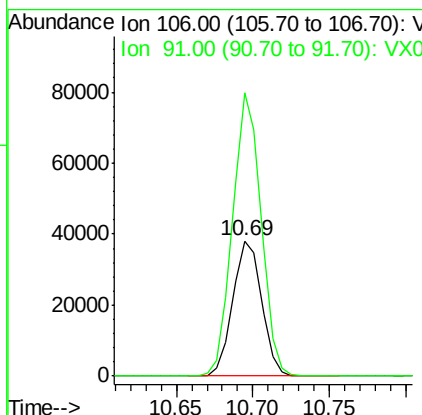
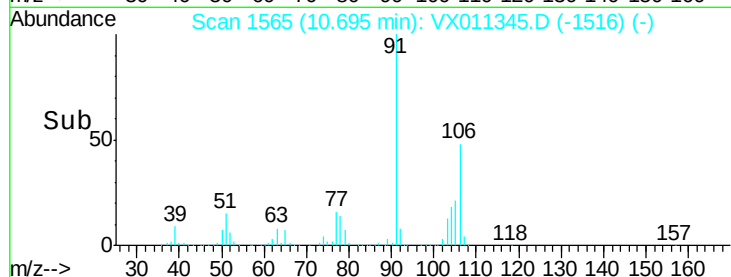
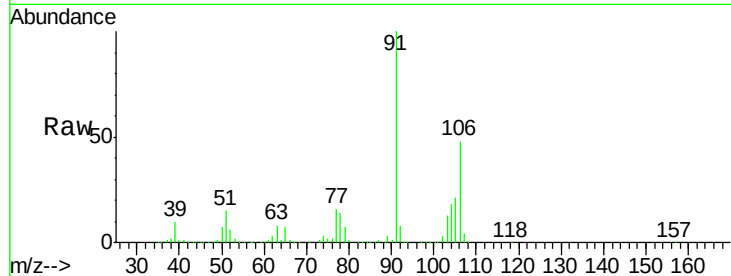
#69
o-Xylene
Concen: 17.407 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion:106 Resp: 50030
Ion Ratio Lower Upper
106 100
91 205.9 103.8 311.3

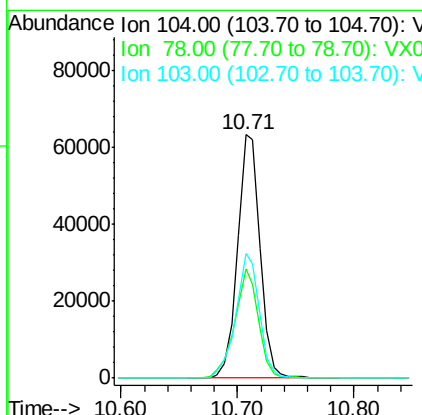
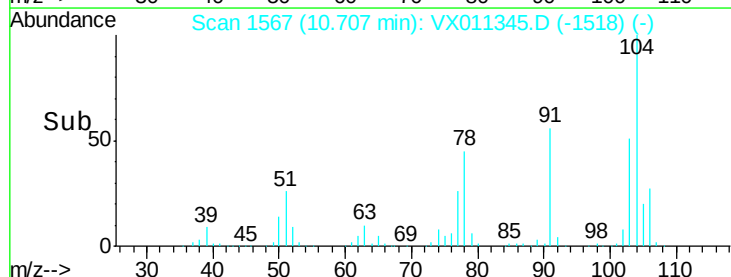
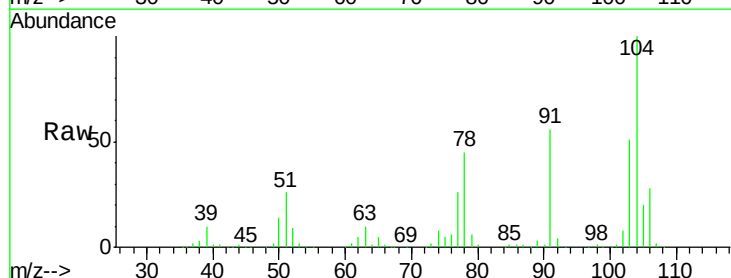
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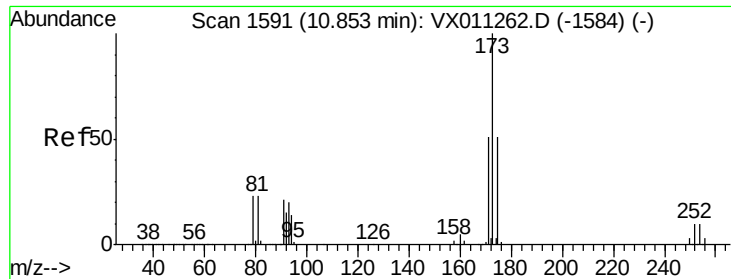
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#70
Styrene
Concen: 17.948 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion:104 Resp: 85357
Ion Ratio Lower Upper
104 100
78 47.0 36.9 55.3
103 53.7 44.4 66.6





#71

Bromoform

Concen: 17.036 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

Tot Ion:173 Resp: 20809

Ion Ratio Lower Upper

173 100

175 50.3 24.4 73.4

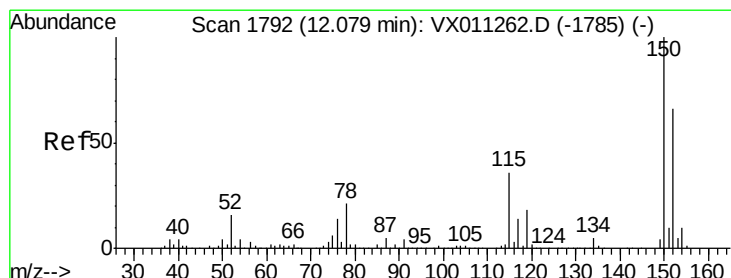
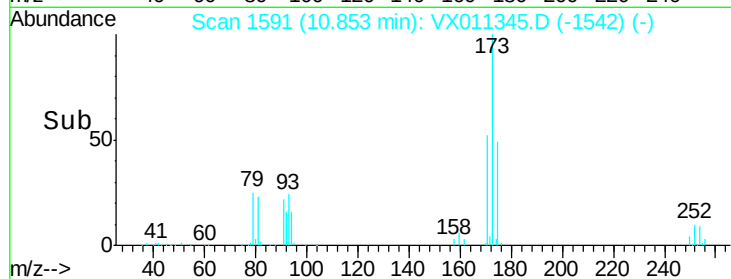
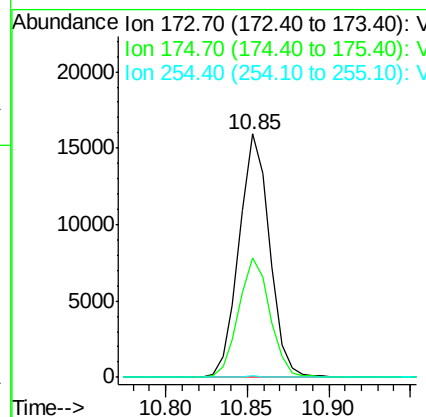
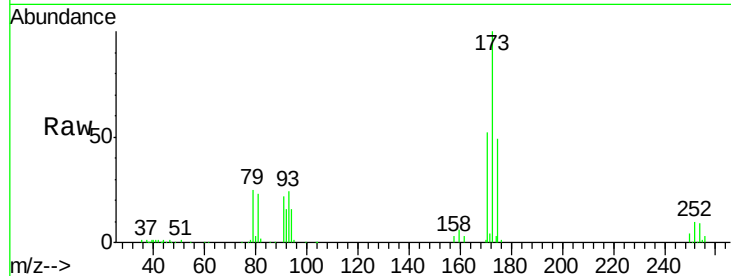
254 0.2 0.2 0.2#

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

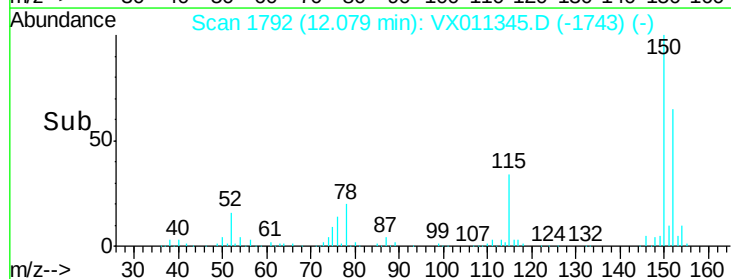
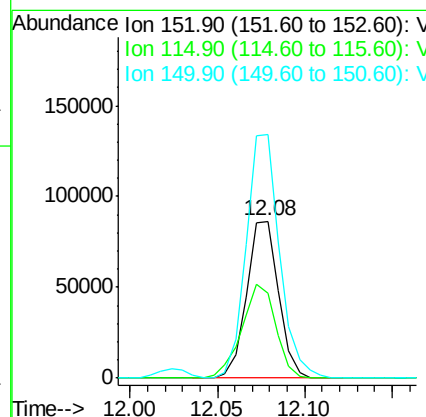
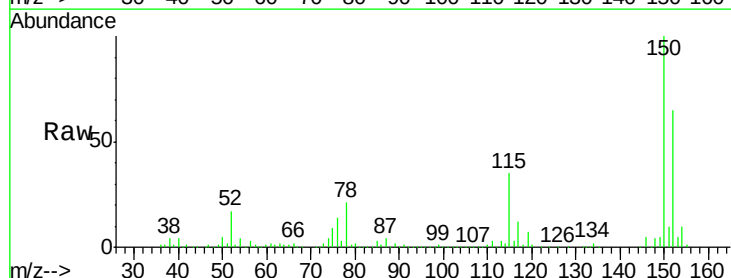
Tgt Ion:152 Resp: 109992

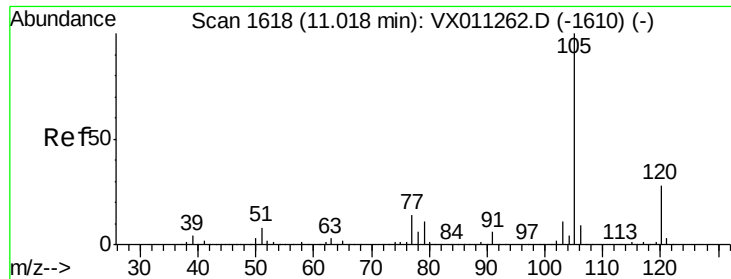
Ion Ratio Lower Upper

152 100

115 63.8 40.0 119.9

150 162.0 0.0 350.4





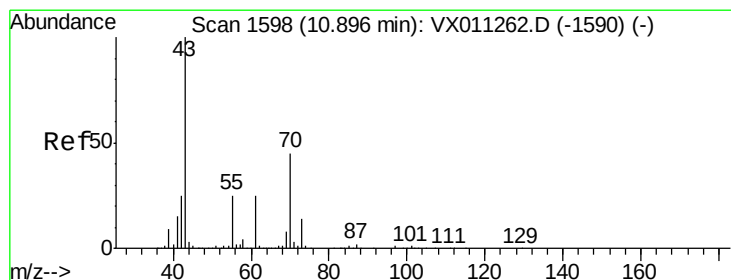
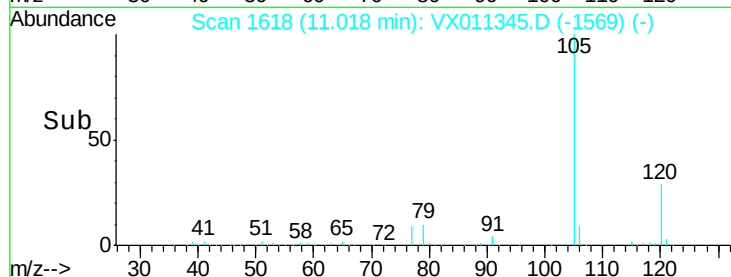
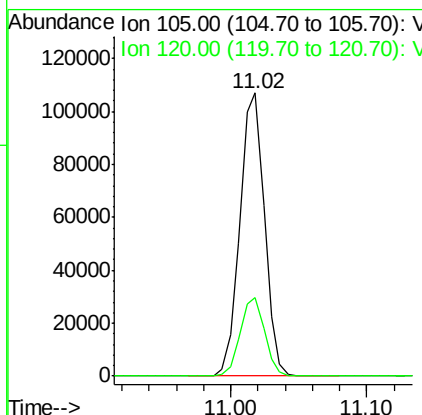
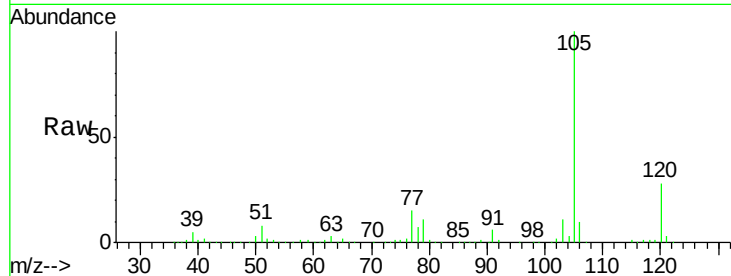
#73
Isopropylbenzene
Concen: 17.927 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tot Ion: 105 Resp: 134858
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1

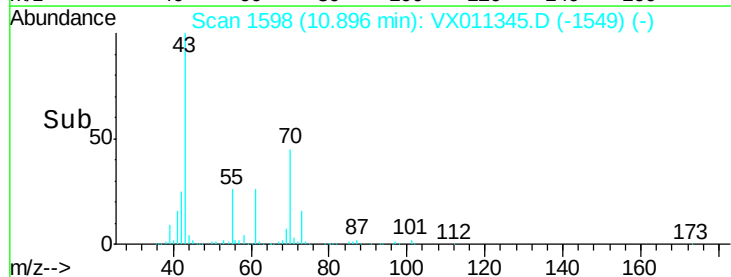
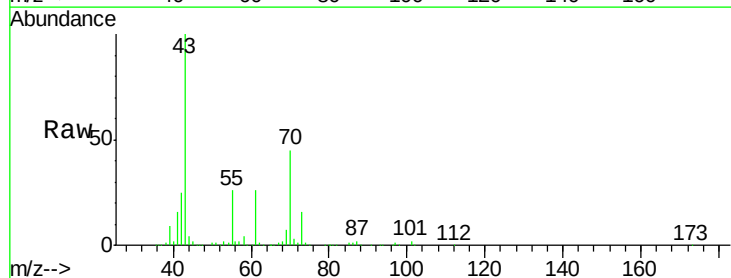
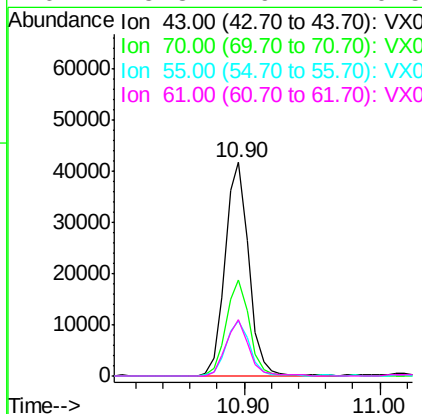
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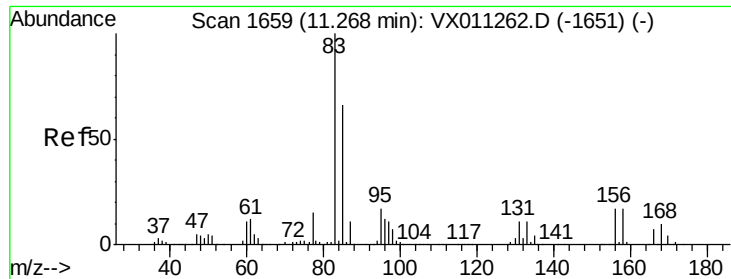
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#74
N-ethyl acetate
Concen: 18.532 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 43 Resp: 50373
Ion Ratio Lower Upper
43 100
70 44.4 35.9 53.9
55 26.0 19.8 29.6
61 25.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.067 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

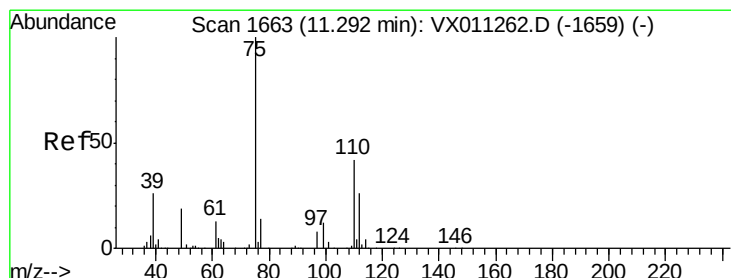
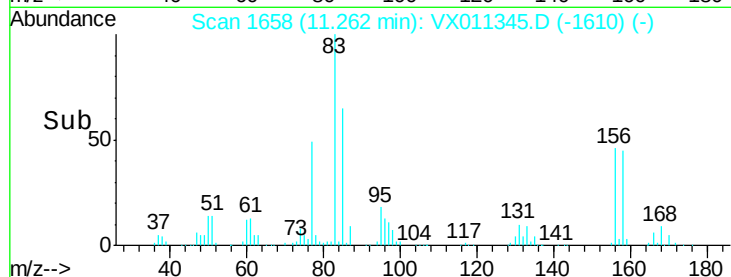
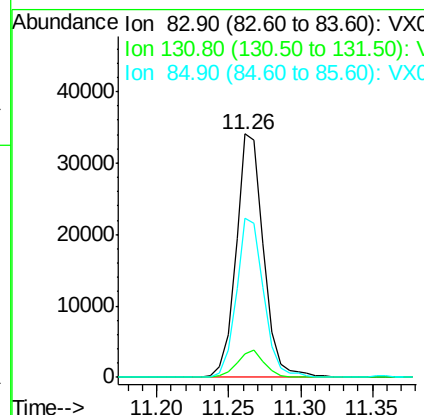
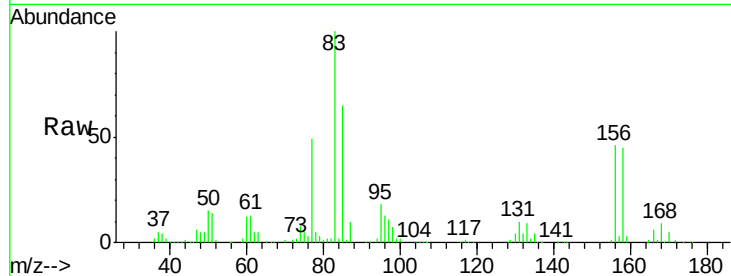
ClientSampled :

VX0806WBS01

Tot Ion	83	Resp	45293
Ion Ratio	100		
Lower	5.6		
Upper	16.8		
85	65.6	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 18.941 ug/l m

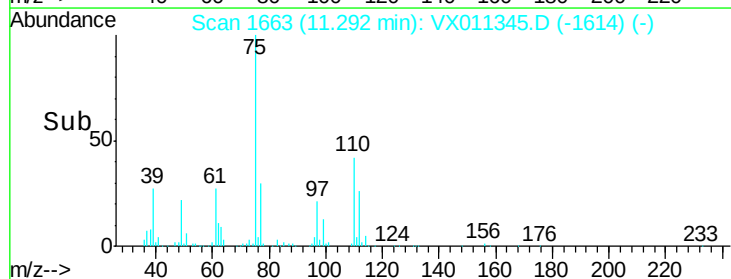
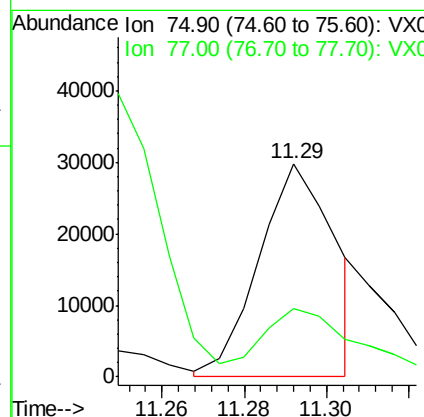
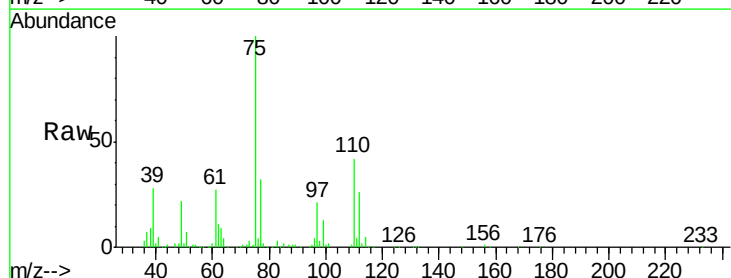
RT: 11.29 min Scan# 1663

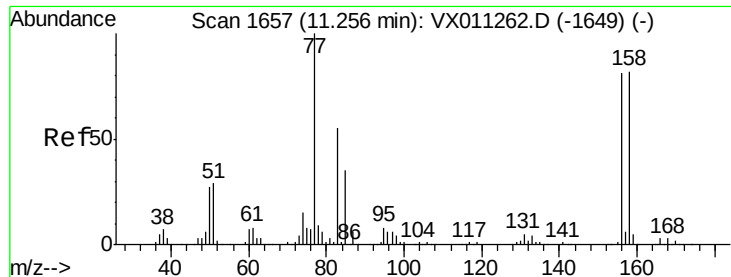
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion	75	Resp	37941
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>21.1</td> <td></td> <td></td>	21.1		
Upper <td>63.4</td> <td></td> <td></td>	63.4		
77	41.0		





#77

Bromobenzene

Concen: 17.941 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

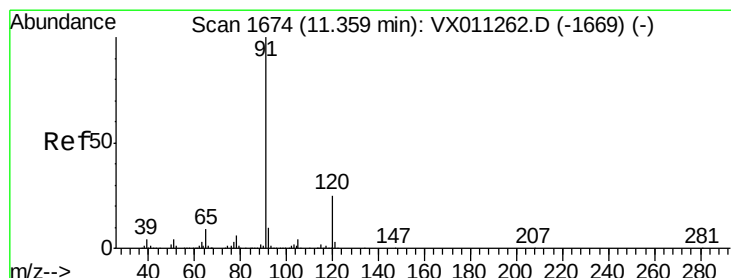
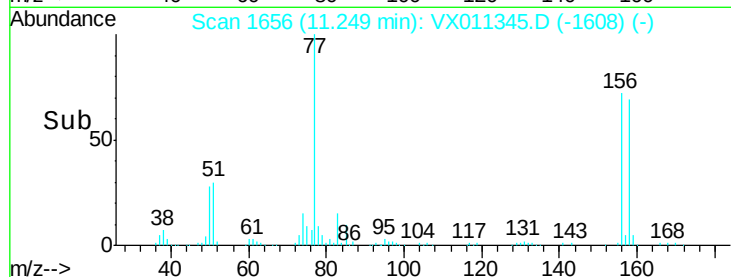
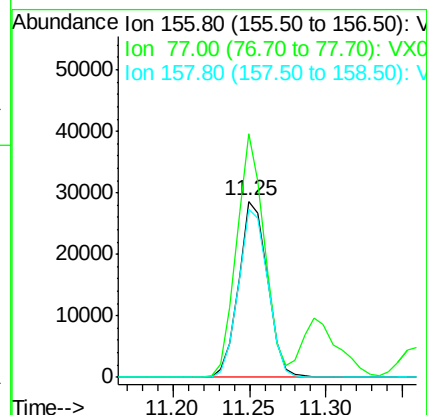
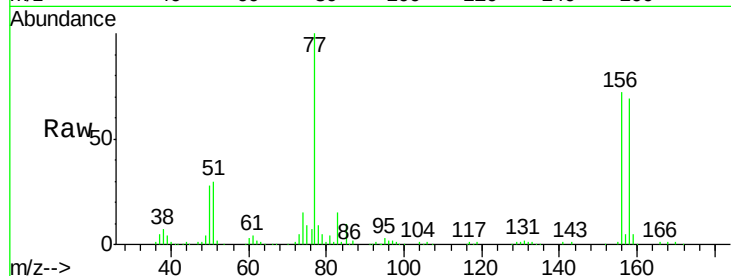
ClientSampled :

VX0806WBS01

Tot Ion:	156	Resp:	37424
Ion	Ratio	Lower	Upper
156	100		
77	133.7	66.2	198.6
158	96.6	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.821 ug/l

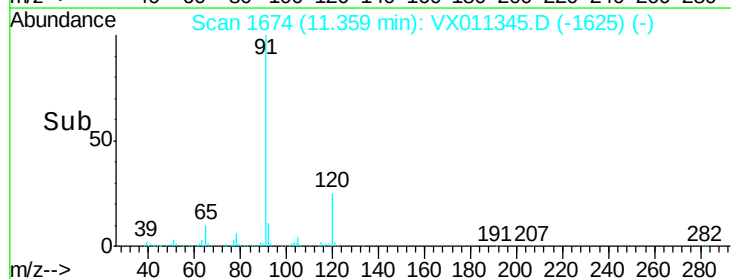
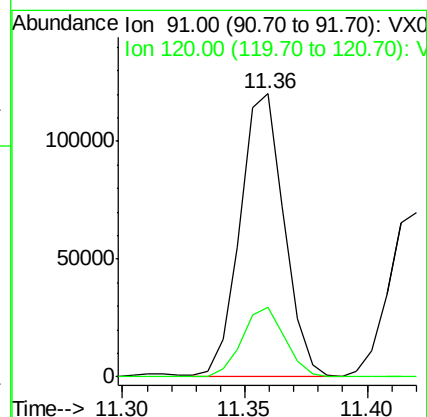
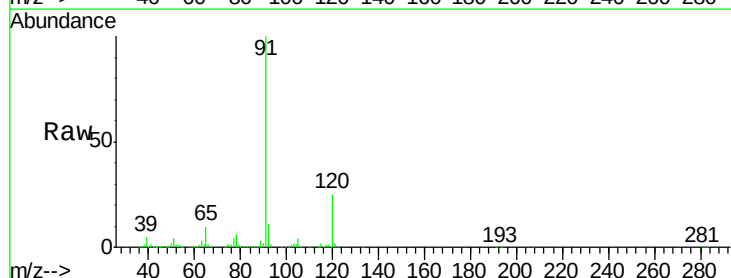
RT: 11.36 min Scan# 1674

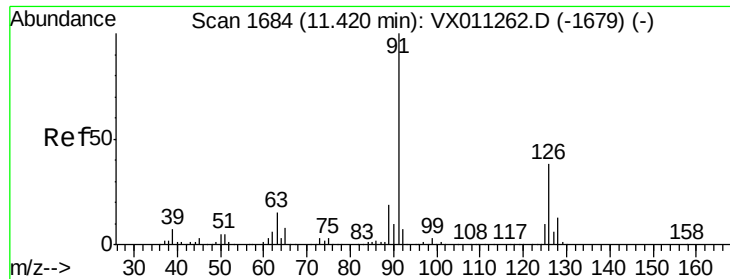
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	91	Resp:	149087
Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.4	37.0





#79

2-Chlorotoluene

Concen: 17.929 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion: 91 Resp: 89399

Ion Ratio Lower Upper

91 100

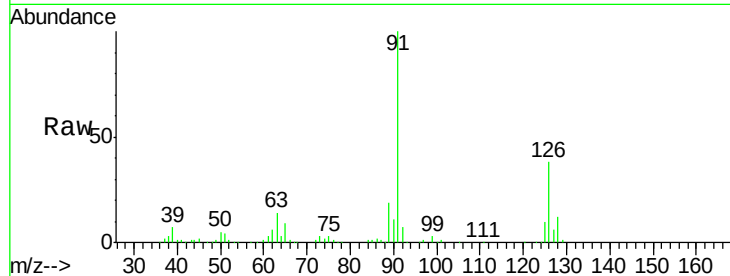
126 37.2 18.5 55.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011262.D (-1679) (-)

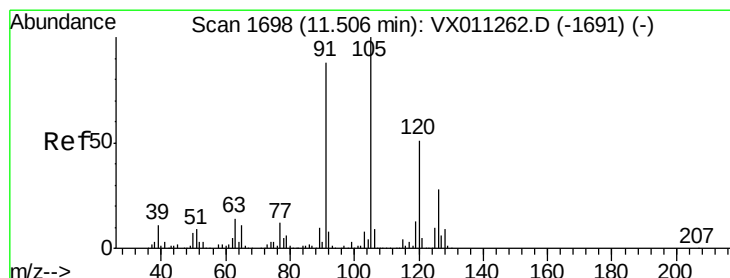
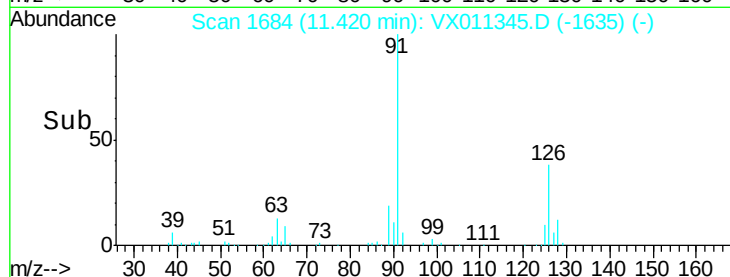
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.044 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011345.D

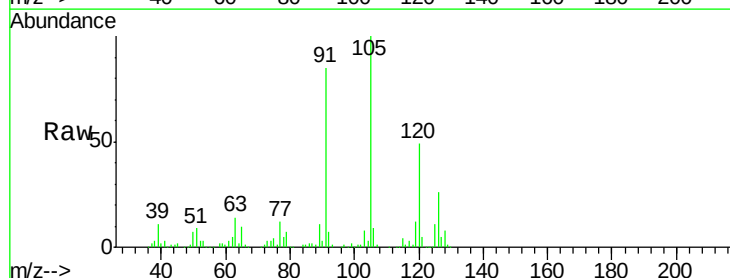
Acq: 06 Aug 2019 11:54

Tgt Ion: 105 Resp: 113626

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011262.D (-1691) (-)

100000

80000

60000

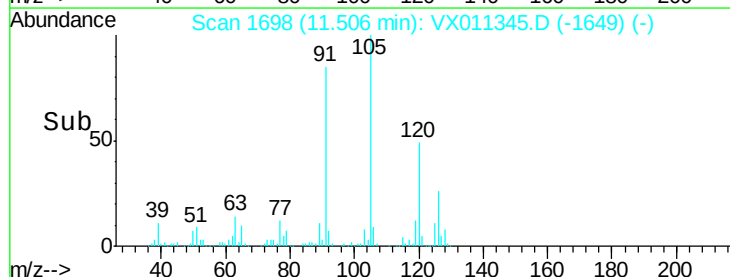
40000

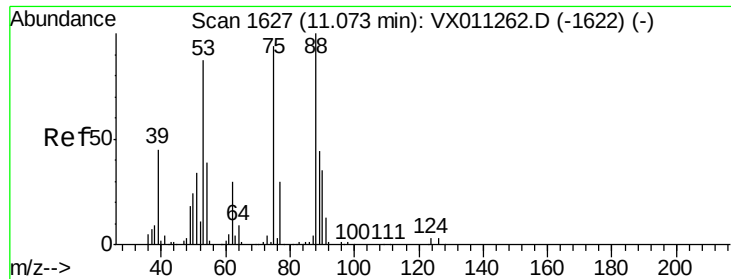
20000

0

11.50 11.51 11.52 11.53 11.54 11.55 11.56 11.57 11.58 11.59 11.60

Time-->





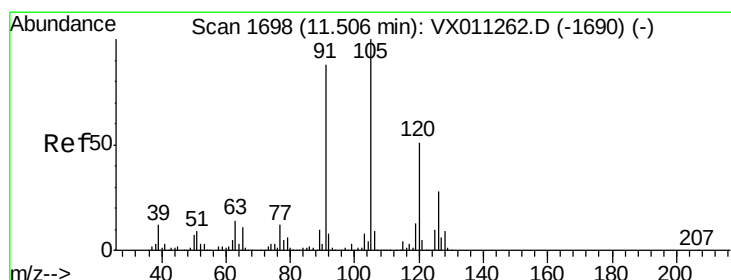
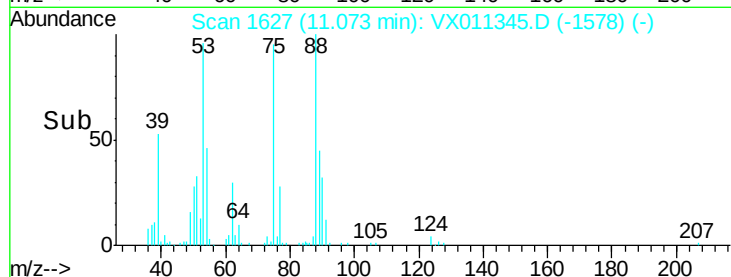
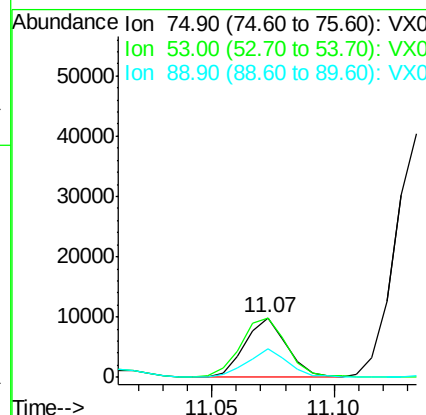
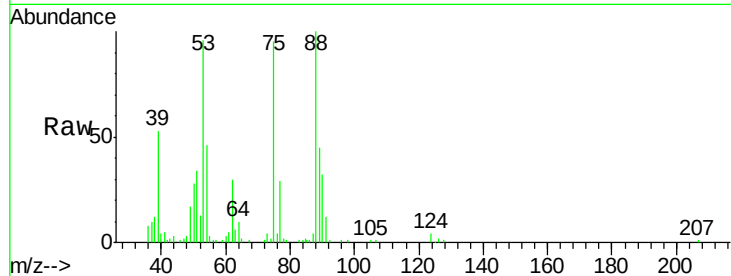
#81
trans-1,4-Dichloro-2-butene
Concen: 18.801 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.4	78.2	117.4
89	46.9	37.9	56.9

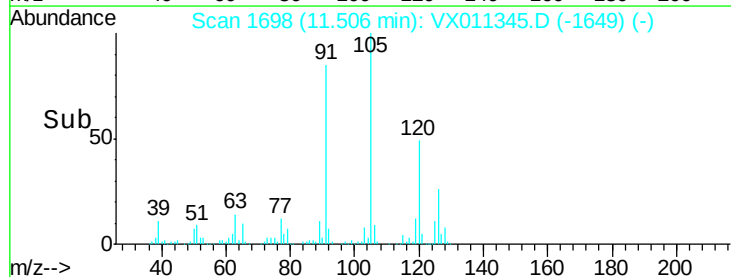
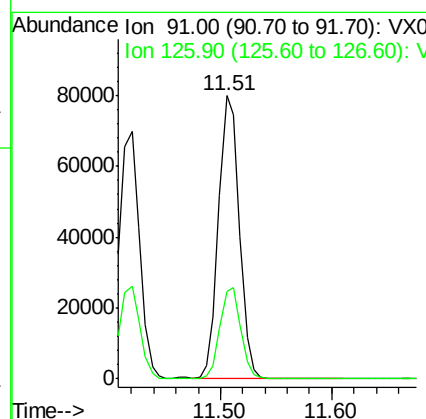
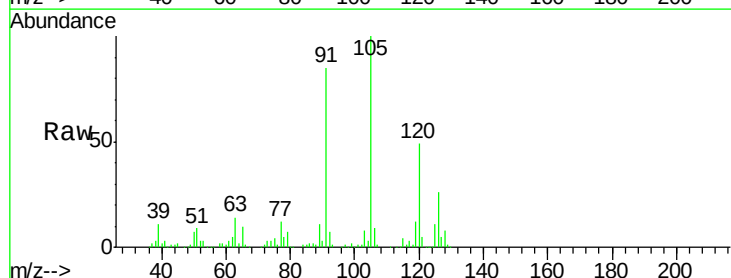
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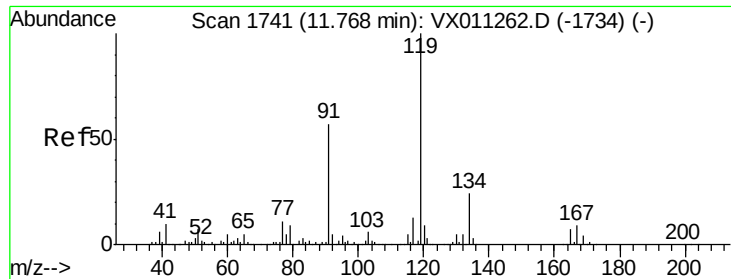
MMDadoda
8/7/2019 11:25:36 AM



#82
4-Chlorotoluene
Concen: 17.818 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.2





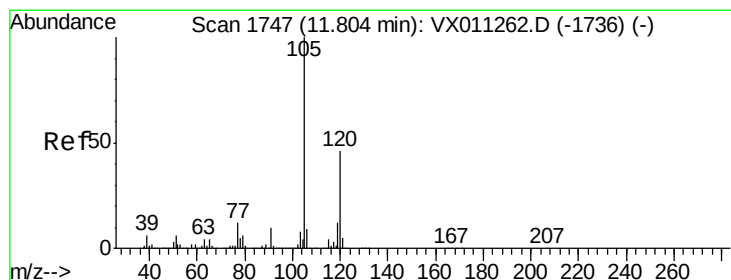
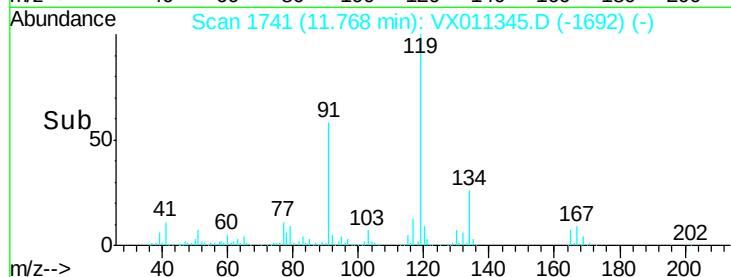
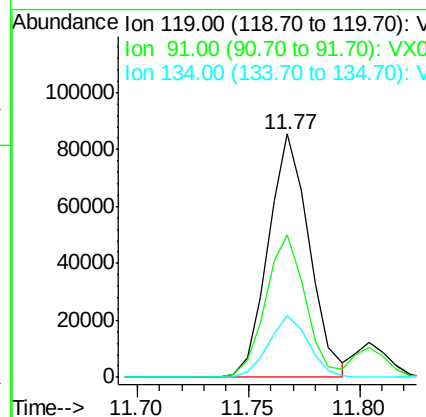
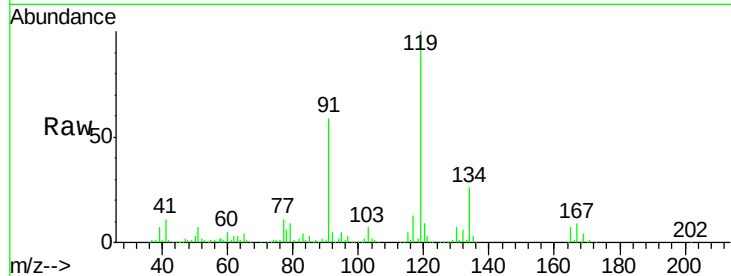
#83
 tert-Butylbenzene
 Concen: 17.629 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100			
91	57.4	28.0	84.0	
134	24.8	11.9	35.5	

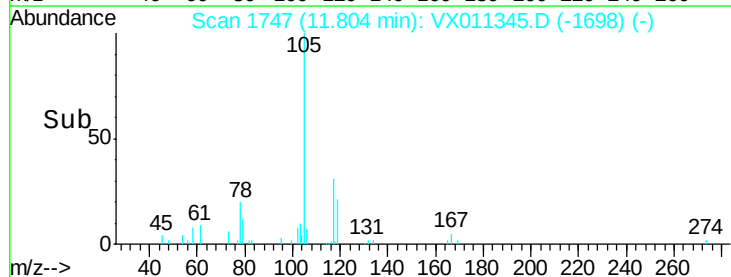
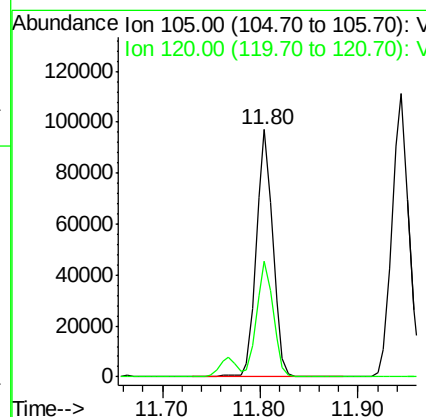
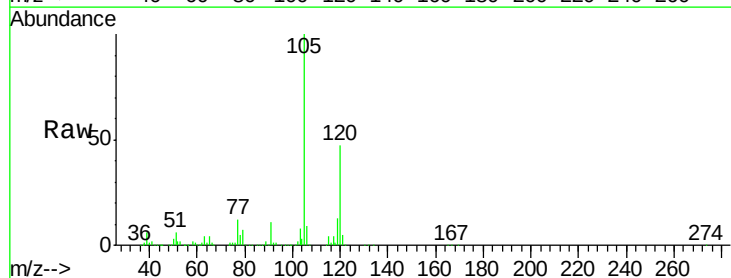
Manual Integrations
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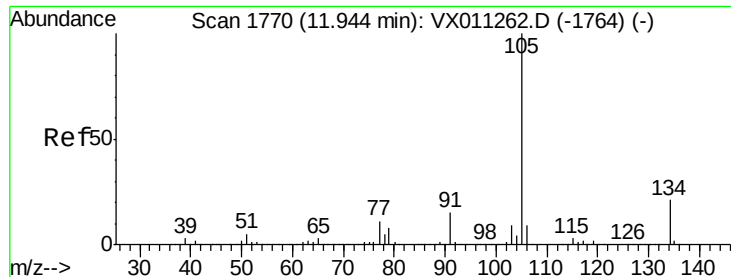
MMDadoda
 8/7/2019 11:25:36 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.157 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
120	46.9	23.0	69.0	





#85

sec-Butylbenzene

Concen: 17.797 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0806WBS01

Tot Ion:105 Resp: 132061

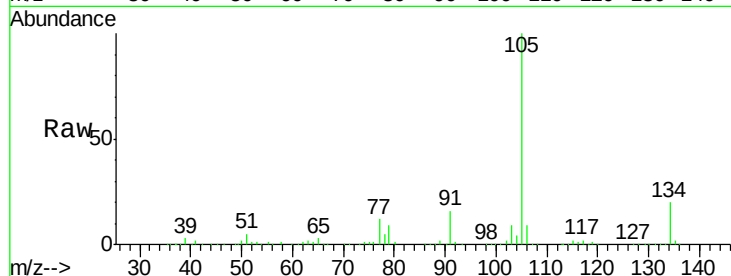
Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4

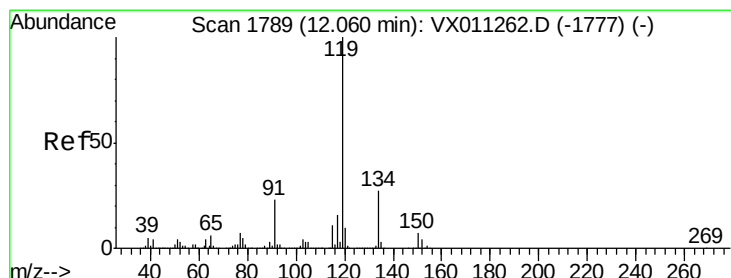
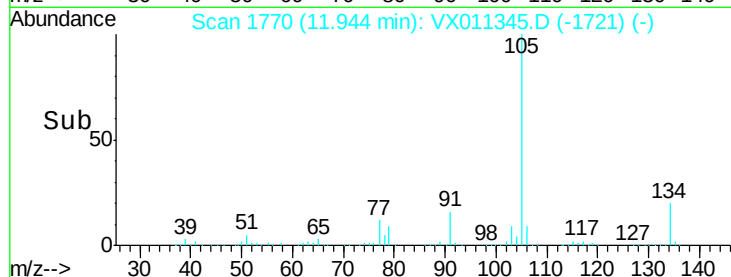
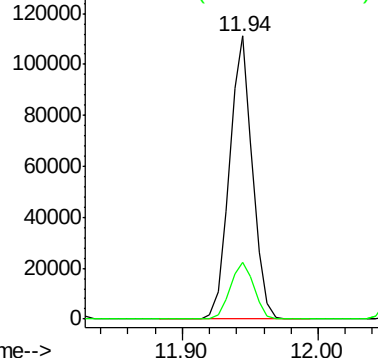
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.766 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

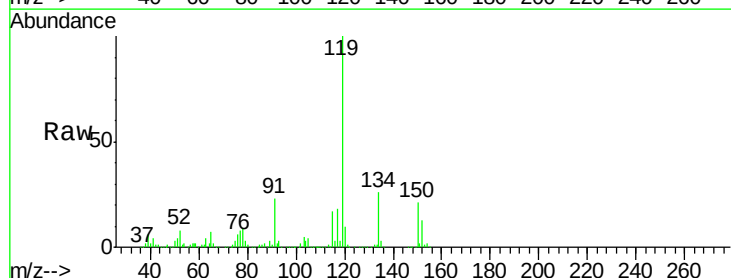
Tgt Ion:119 Resp: 121284

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

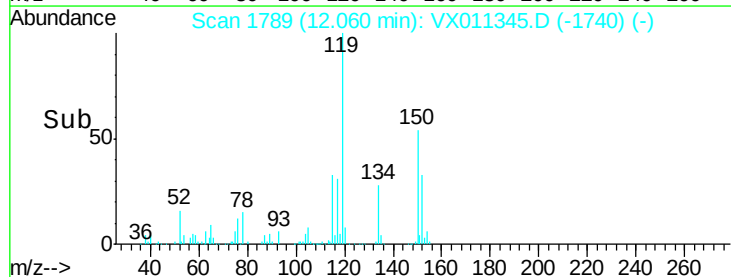
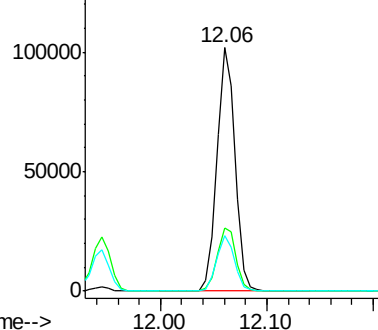
91 22.8 11.4 34.2

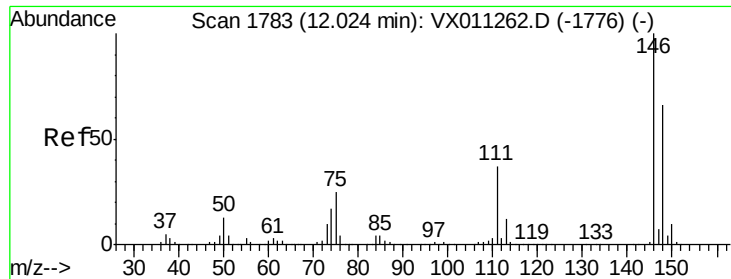


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





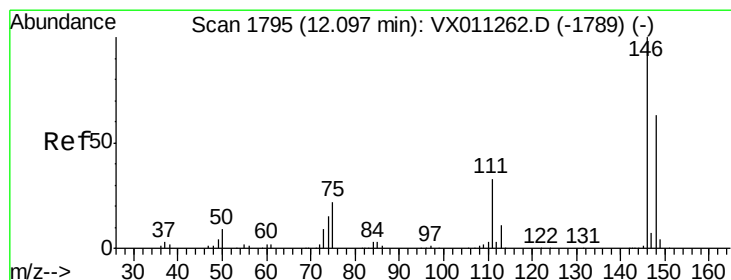
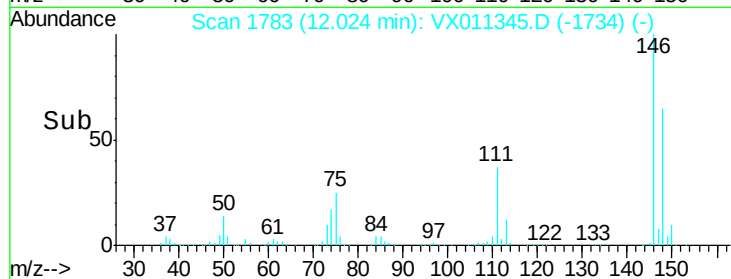
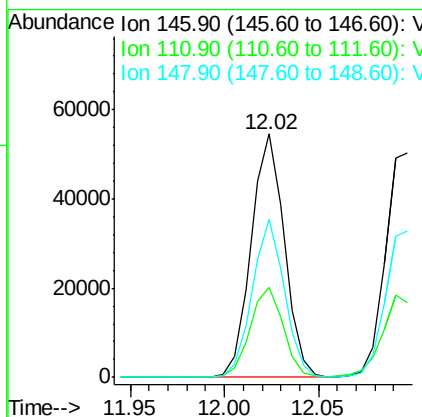
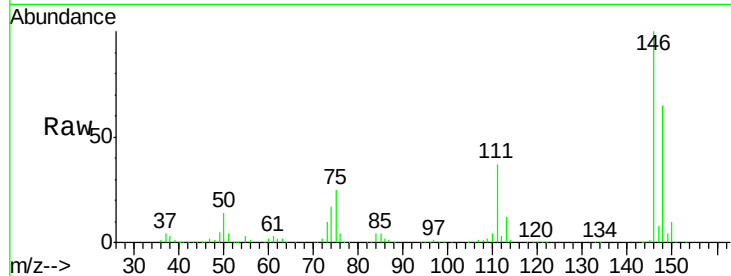
#87
 1,3-Dichlorobenzene
 Concen: 18.135 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	62.9	32.5	97.5

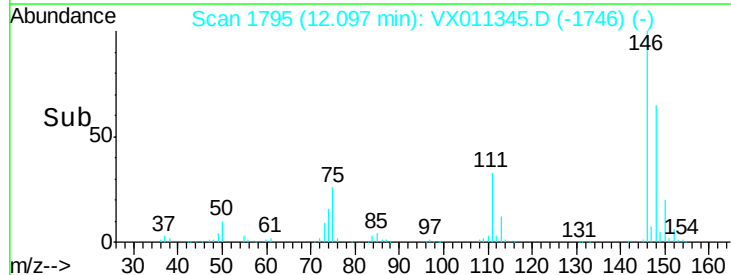
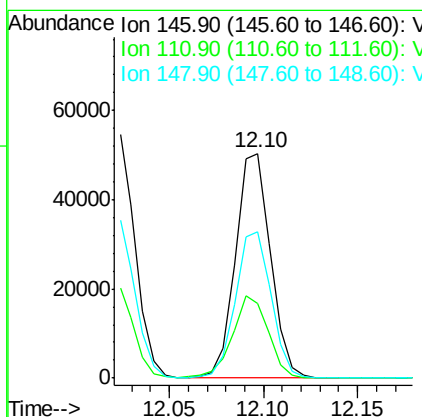
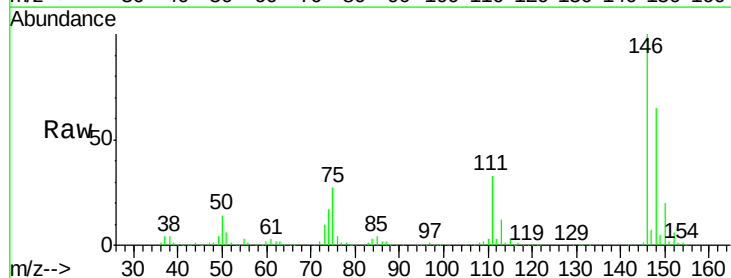
Manual Integrations
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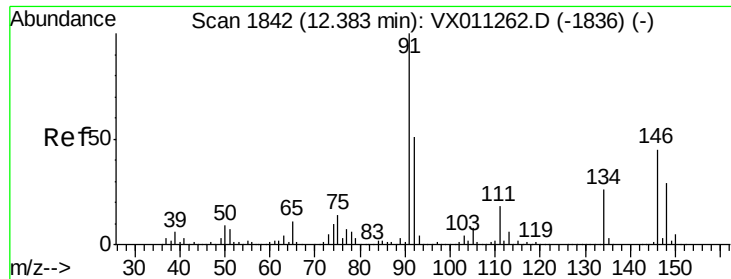
MMDadoda
 8/7/2019 11:25:36 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.066 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	17.8	53.4
148	66.8	31.8	95.3





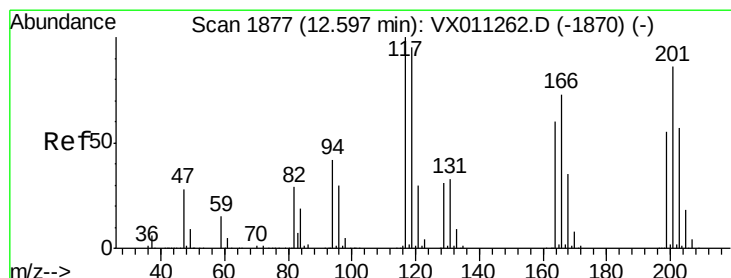
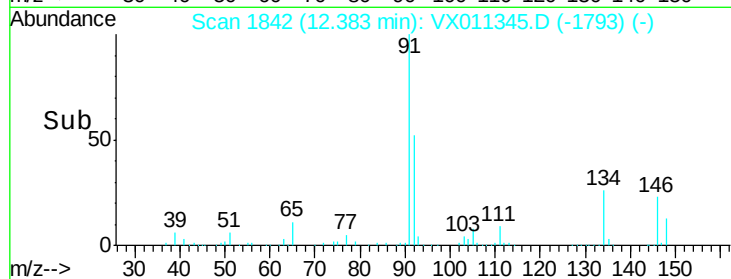
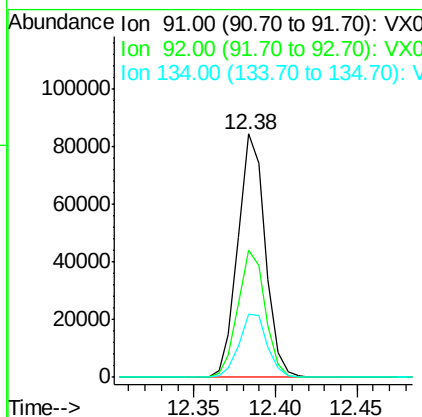
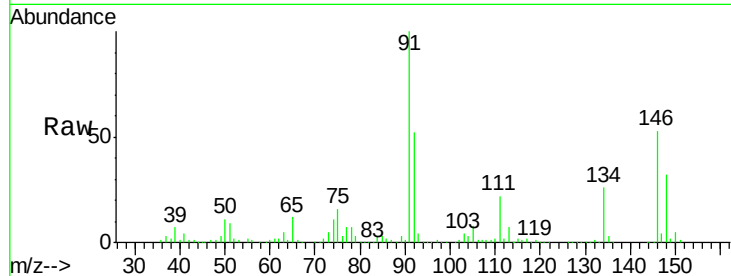
#89
n-Butylbenzene
Concen: 16.839 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.8	77.3
134	27.1	13.7	41.0

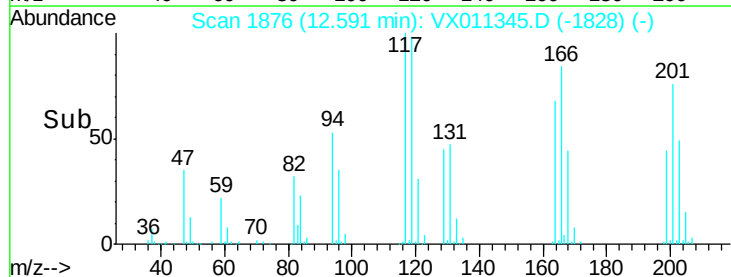
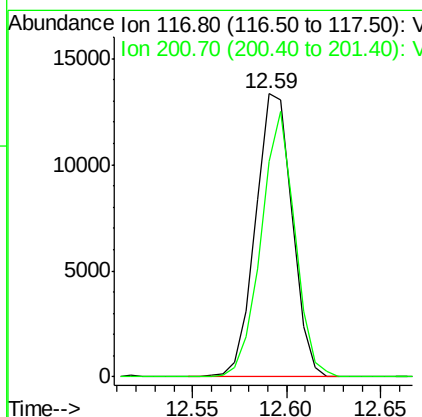
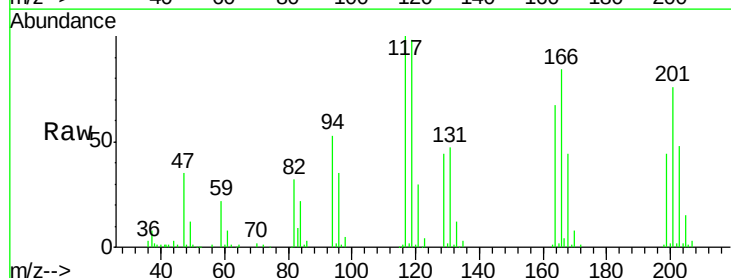
Manual Integrations
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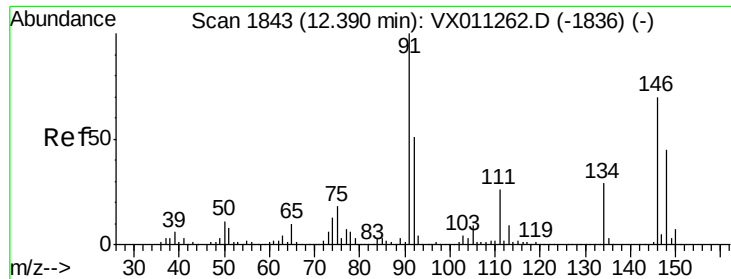
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8/7/2019 11:25:36 AM



#90
Hexachloroethane
Concen: 17.825 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	41.8	125.4





#91

1,2-Dichlorobenzene

Concen: 18.223 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

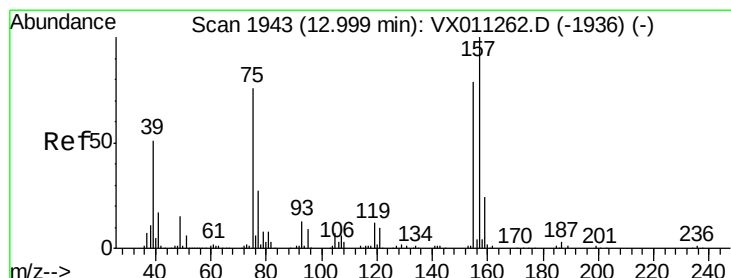
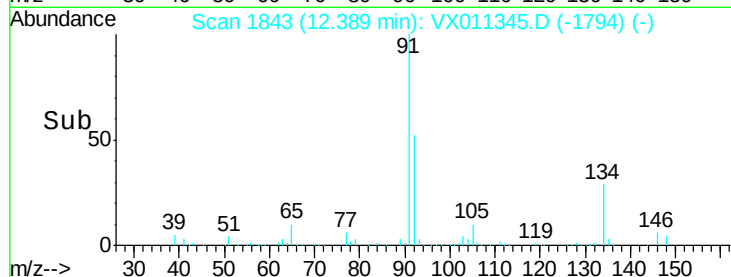
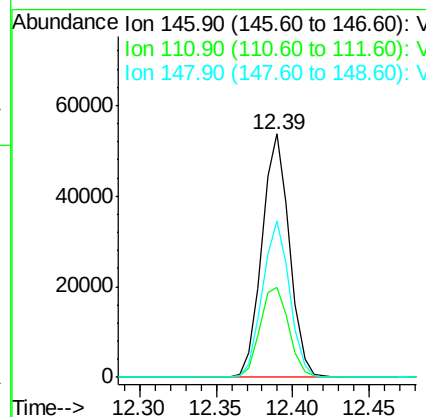
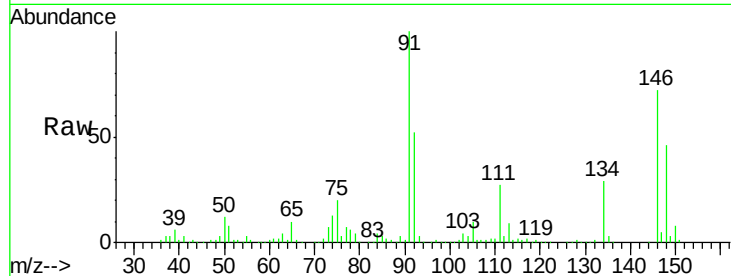
ClientSampleId :

VX0806WBS01

Tot Ion:	146	Resp:	67485
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	63.6	32.3	96.8

Manual Integrations
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8/7/2019 11:25:36 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.849 ug/l

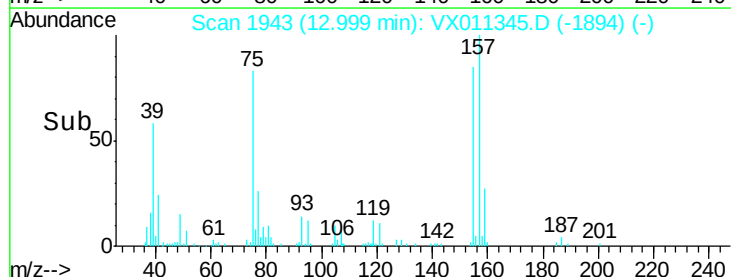
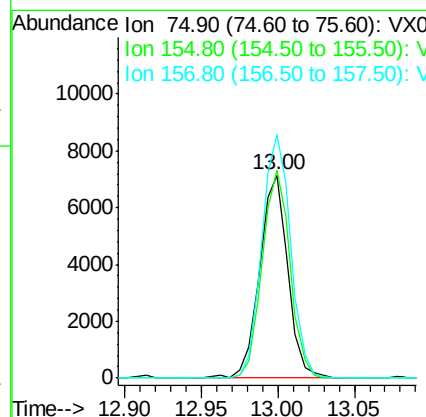
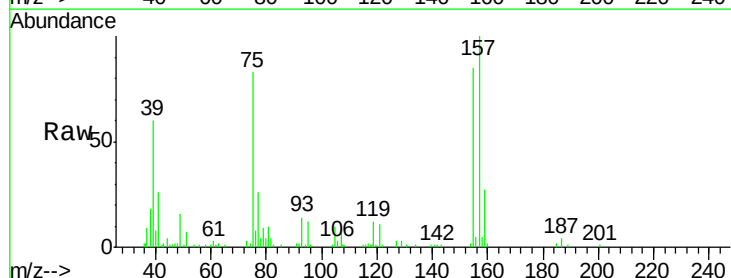
RT: 13.00 min Scan# 1943

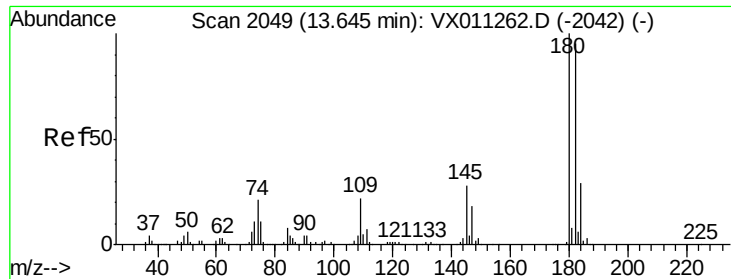
Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion:	75	Resp:	9155
Ion	Ratio	Lower	Upper
75	100		
155	101.1	51.9	155.8
157	122.5	64.3	192.7





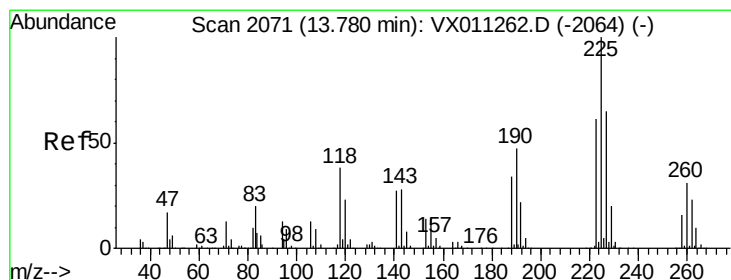
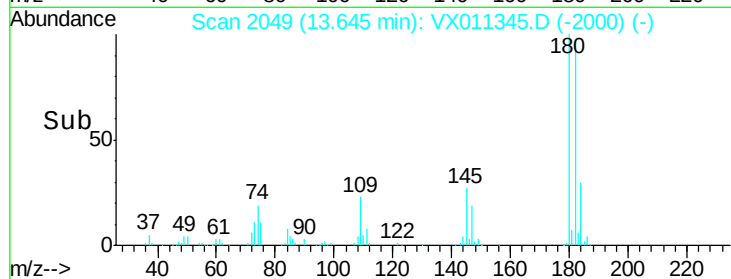
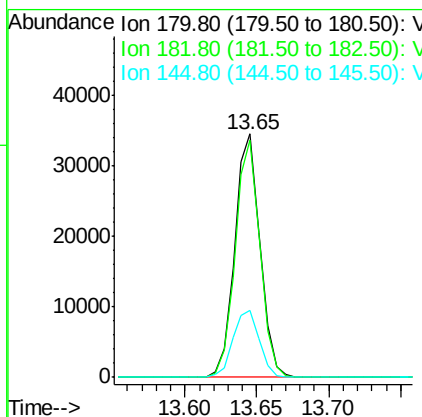
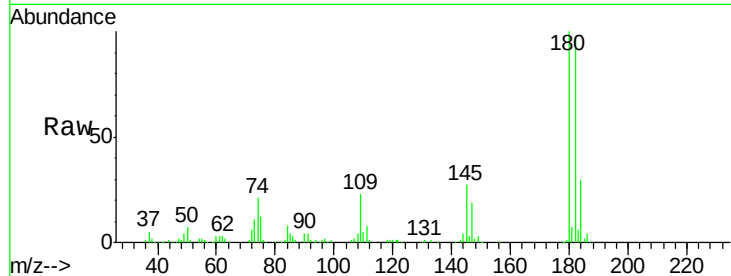
#93
 1,2,4-Trichlorobenzene
 Concen: 17.221 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	42295		
182	95.3		47.8	143.4
145	28.8		14.8	44.3

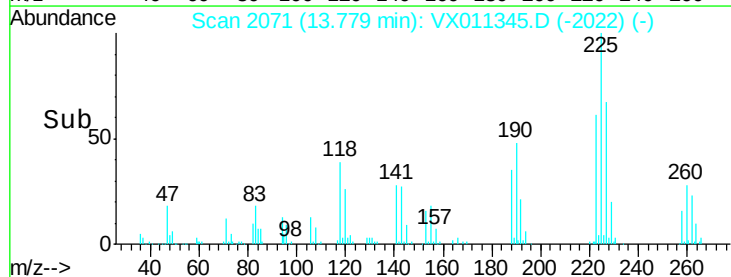
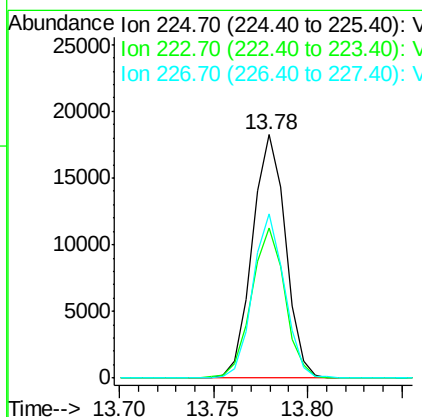
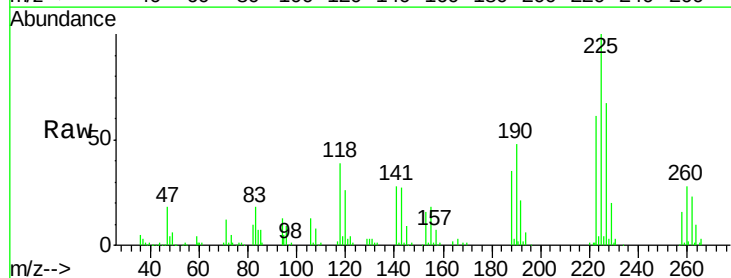
Manual Integrations
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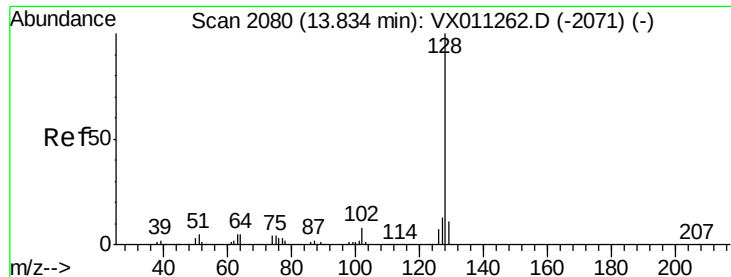
MMDadoda
 8/7/2019 11:25:36 AM



#94
 Hexachlorobutadiene
 Concen: 17.926 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22337		
223	61.8		31.0	93.0
227	63.9		32.2	96.6





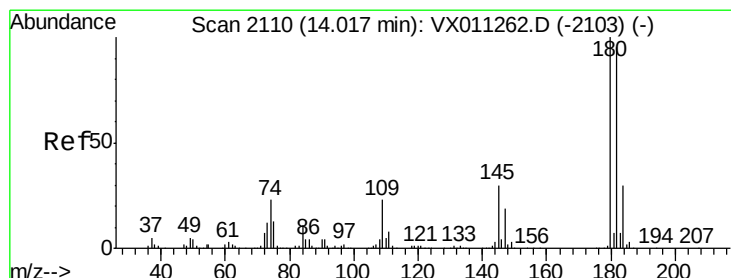
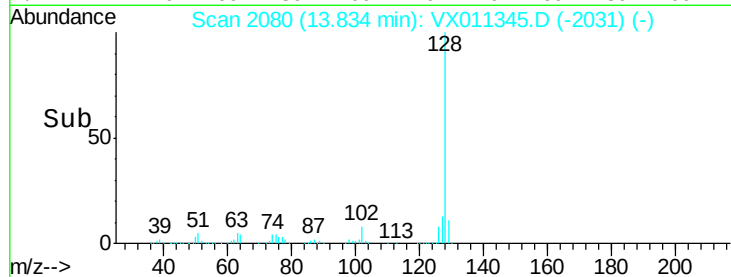
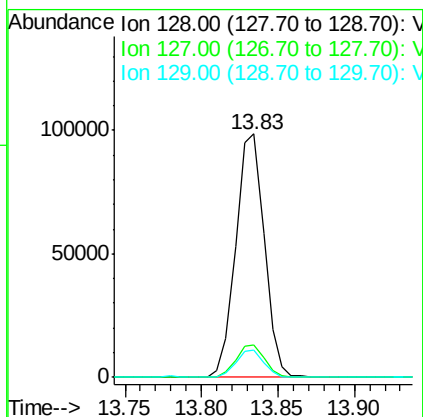
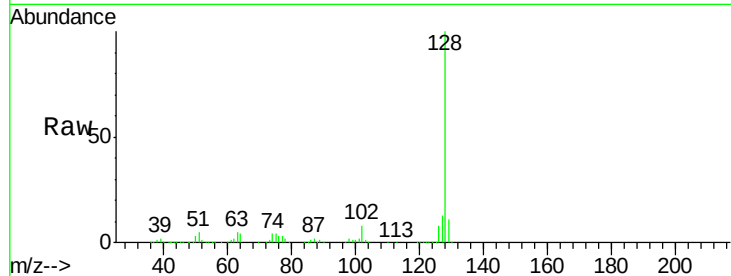
#95
Naphthalene
Concen: 17.843 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	128150		
127	13.2		10.4	15.6
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.678 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	44140		
182	94.3		47.4	142.3
145	31.5		15.2	45.6

