

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102219\
 Data File : VX013168.D
 Acq On : 22 Oct 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 07:43:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	26647	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	151292	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	135931	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	62720	29.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.67%
60) 4-Bromofluorobenzene	11.13	95	69713	29.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.17%
63) Toluene-d8	8.71	98	184818	30.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	36619	19.140	ug/l 95
3) Chloromethane	1.32	50	31146	18.673	ug/l 99
4) Vinyl Chloride	1.40	62	32165	18.652	ug/l 95
5) Bromomethane	1.63	94	19545	21.004	ug/l 91
6) Chloroethane	1.72	64	20623	18.741	ug/l 100
7) Trichlorofluoromethane	1.92	101	53795	19.412	ug/l 94
8) Diethyl Ether	2.18	74	17633	18.642	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32858	19.412	ug/l 97
10) 1,1-Dichloroethene	2.36	96	30355	18.569	ug/l 95
11) Methyl Iodide	2.50	142	34776	16.518	ug/l 100
12) Methyl Acetate	2.76	43	38835	18.397	ug/l 96
13) Acrolein	2.28	56	22194	70.629	ug/l 99
14) Acrylonitrile	3.13	53	81909	92.782	ug/l 98
15) Acetone	2.43	58	32145	110.520	ug/l 92
16) Carbon Disulfide	2.56	76	77981	17.863	ug/l 99
17) Allyl chloride	2.72	41	47045	18.092	ug/l 95
18) Methylene Chloride	2.85	84	35179	18.586	ug/l 93
19) trans-1,2-Dichloroethene	3.16	96	33149	19.110	ug/l 97
20) Diisopropyl ether	3.84	45	94800	18.850	ug/l 93
21) 1,1-Dichloroethane	3.69	63	57058	18.686	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	37948	19.185	ug/l 98
23) tert-Butyl Alcohol	3.03	59	39400	84.711	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	106024	18.806	ug/l 98
25) Chloroform	5.20	83	61865	19.280	ug/l 99
26) Cyclohexane	5.58	56	50938	19.011	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	44269	18.835	ug/l # 86
30) 2-Butanone	4.66	43	126683	102.756	ug/l 98
31) 2,2-Dichloropropane	4.57	77	50879	18.724	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	54785	19.263	ug/l 98
33) Carbon Tetrachloride	5.78	117	47547	19.451	ug/l 98
34) Benzene	6.13	78	130219	19.245	ug/l 99
35) Methacrylonitrile	5.03	41	24237	19.170	ug/l 96
36) 1,2-Dichloroethane	6.18	62	49504	19.354	ug/l 99
37) Trichloroethene	7.20	130	37466	19.963	ug/l 99
38) Methylcyclohexane	7.46	83	56174	19.598	ug/l 98
39) 1,2-Dichloropropane	7.51	63	31589	19.021	ug/l 95
40) Dibromomethane	7.65	93	23310	19.650	ug/l 98

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Quant Time: Oct 23 07:43:40 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	46106	19.276	ug/l	99
42) Vinyl Acetate	3.80	43	405312	94.805	ug/l	99
43) Ethyl Acetate	4.81	43	42390	18.851	ug/l	98
44) Isopropyl Acetate	6.43	43	71181	18.835	ug/l	99
45) 1,4-Dioxane	7.73	88	17800	372.436	ug/l	95
46) Methyl methacrylate	7.76	41	34894	18.764	ug/l	93
47) n-amyl Acetate	10.89	43	58361	18.320	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	47741	18.195	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	53237	18.647	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	34520	19.705	ug/l	98
51) Ethyl methacrylate	9.17	69	51133	18.615	ug/l	99
52) 1,3-Dichloropropane	9.36	76	57358	19.442	ug/l	100
53) Dibromochloromethane	9.57	129	35381	18.723	ug/l	98
54) 1,2-Dibromoethane	9.67	107	35626	19.020	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	109651	98.269	ug/l	99
56) Bromoform	10.85	173	23695	17.674	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	217188	94.822	ug/l	99
59) 2-Hexanone	9.48	43	172133	95.891	ug/l	99
61) Tetrachloroethene	9.33	164	37608	20.870	ug/l	95
62) Toluene	8.78	91	143450	19.549	ug/l	99
64) Chlorobenzene	10.13	112	90996	19.340	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	33318	18.904	ug/l	98
66) Ethyl Benzene	10.25	91	162844	19.282	ug/l	99
67) m/p-Xylenes	10.35	106	125254	39.022	ug/l	100
68) o-Xylene	10.70	106	57934	18.907	ug/l	100
69) Styrene	10.71	104	100614	19.081	ug/l	99
70) Isopropylbenzene	11.01	105	163366	19.430	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	48339	18.762	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	56317	25.167	ug/l	92
73) Bromobenzene	11.25	156	39226	19.440	ug/l	97
74) n-propylbenzene	11.35	91	182580	19.784	ug/l	99
75) 2-Chlorotoluene	11.42	91	111127	19.244	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	132649	18.794	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	15238	17.538	ug/l	97
78) 4-Chlorotoluene	11.51	91	126021	19.099	ug/l	95
79) tert-butylbenzene	11.76	119	127378	18.743	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	136449	19.352	ug/l	99
81) sec-Butylbenzene	11.94	105	152354	18.818	ug/l	100
82) p-Isopropyltoluene	12.06	119	146883	19.842	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	70341	19.089	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	68389	18.766	ug/l	98
85) n-Butylbenzene	12.39	91	117513	18.688	ug/l	99
86) Hexachloroethane	12.59	117	23248	17.993	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	68289	19.104	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	11170	17.595	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	43140	19.405	ug/l	96
90) Hexachlorobutadiene	13.78	225	20998	18.603	ug/l	97
91) Naphthalene	13.83	128	135320	18.713	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	43631	19.156	ug/l	97

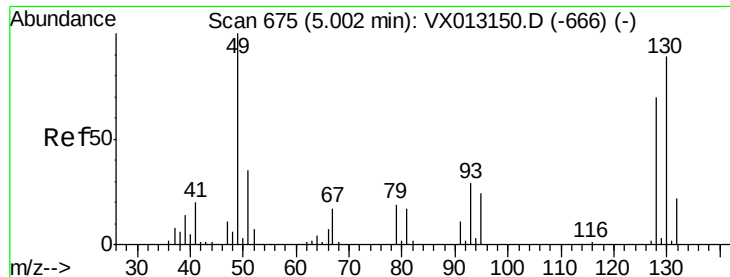
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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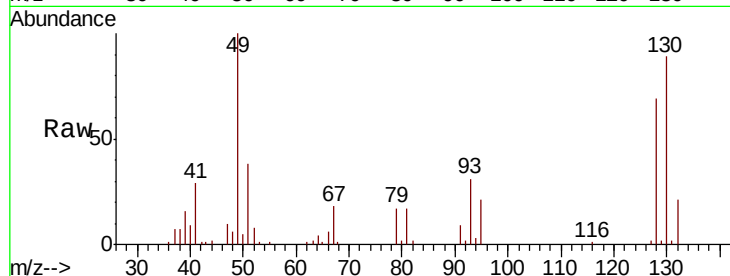
(#) = qualifier out of range (m) = manual integration (+) = signals summed



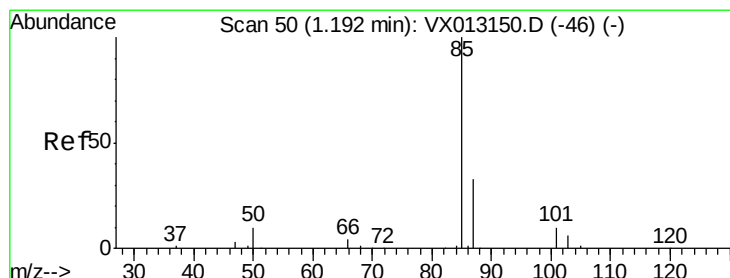
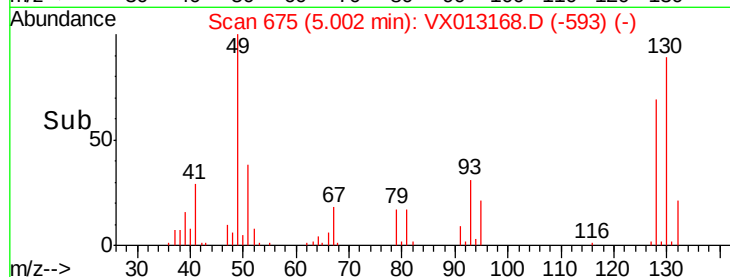
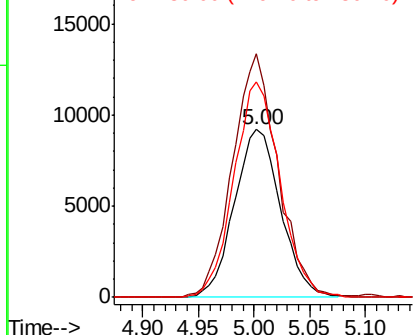
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 26647
Ion Ratio Lower Upper
128 100
49 141.8 0.0 367.3
130 127.9 0.0 325.0

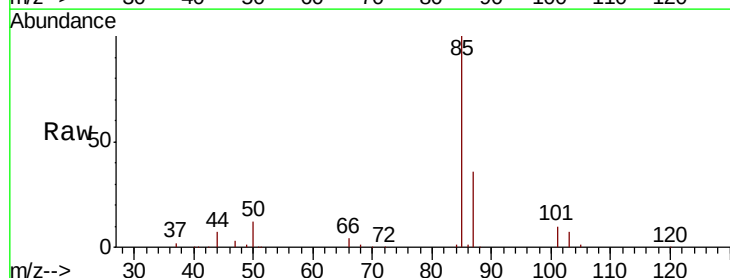


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

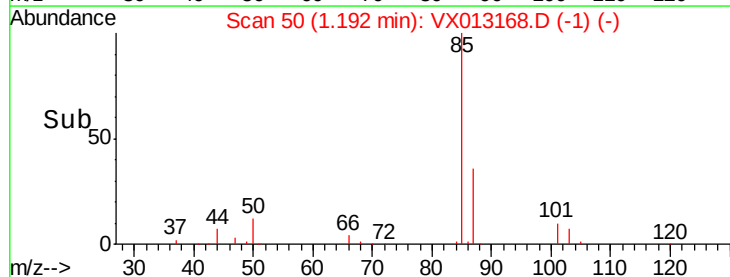
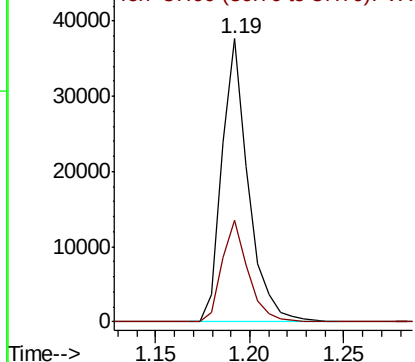


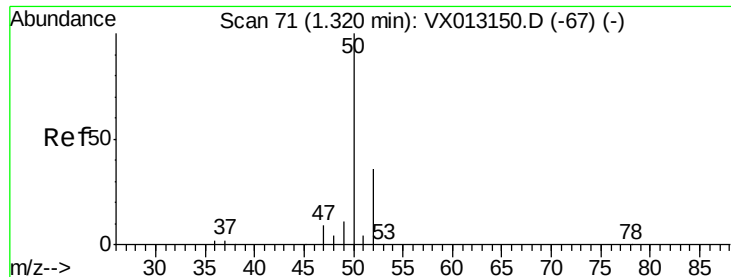
#2
Dichlorodifluoromethane
Concen: 19.140 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 85 Resp: 36619
Ion Ratio Lower Upper
85 100
87 35.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.673 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

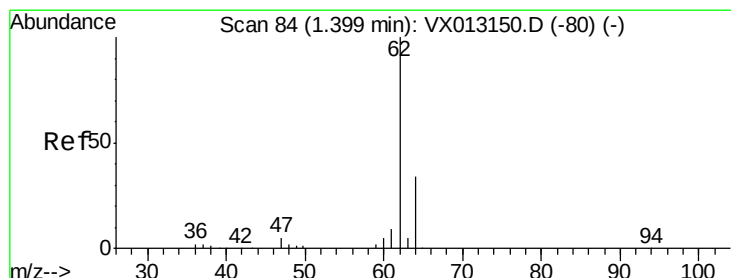
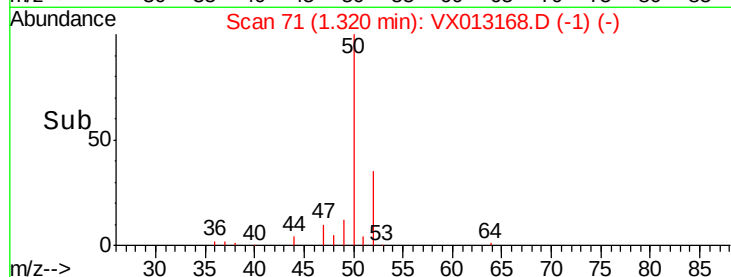
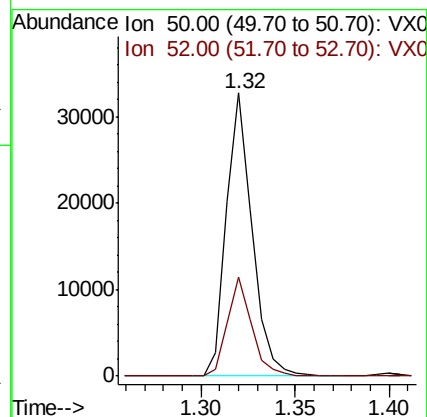
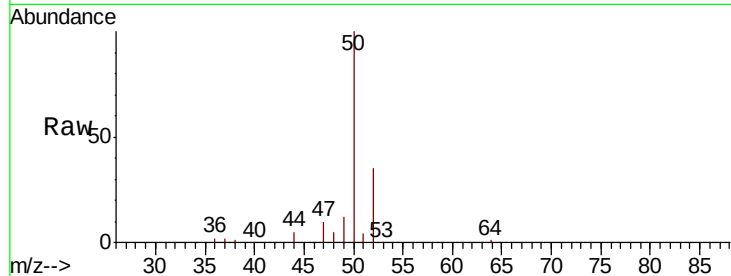
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 31146

Ion Ratio Lower Upper

50 100

52 34.8 28.6 42.8



#4

Vinyl Chloride

Concen: 18.652 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013168.D

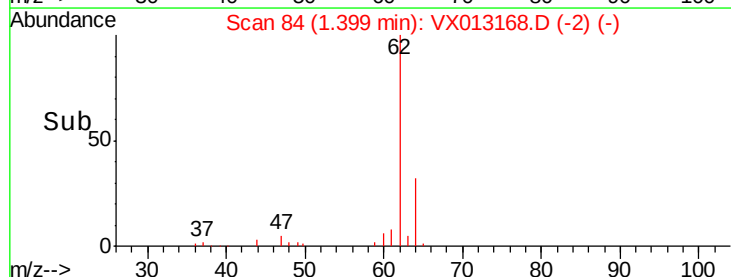
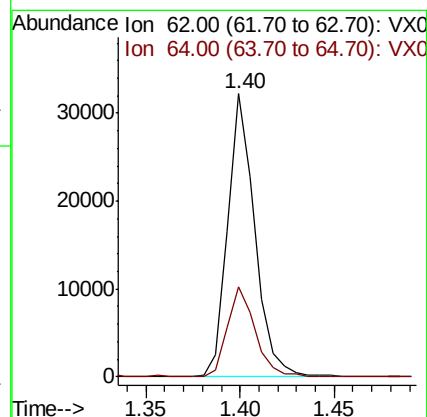
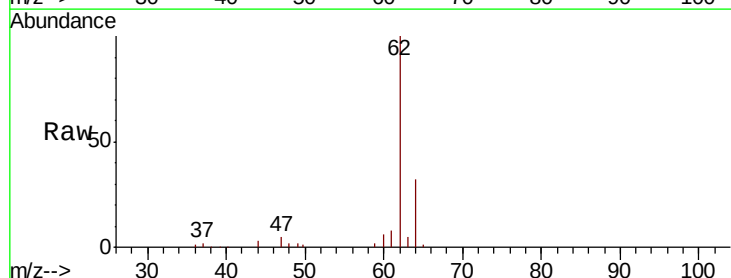
Acq: 22 Oct 2019 09:44

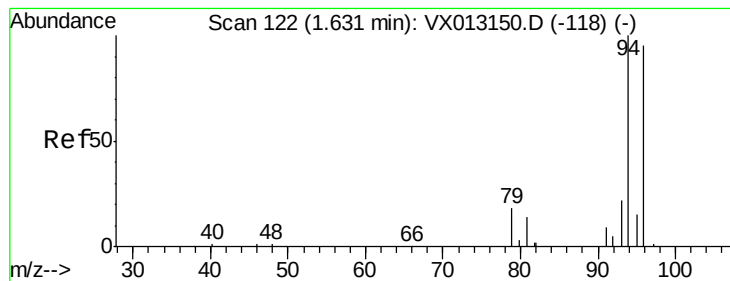
Tgt Ion: 62 Resp: 32165

Ion Ratio Lower Upper

62 100

64 31.5 27.3 40.9





#5

Bromomethane

Concen: 21.004 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

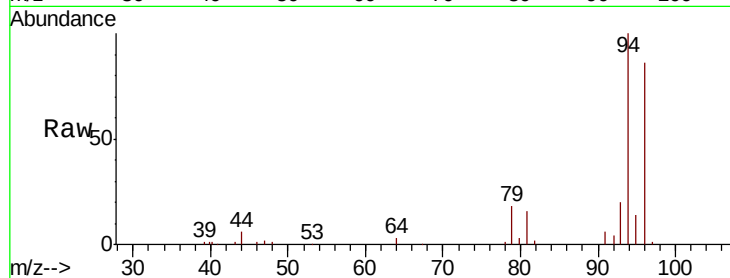
ClientSampleId :

Tot Ion: 94 Resp: 19545

Ion Ratio Lower Upper

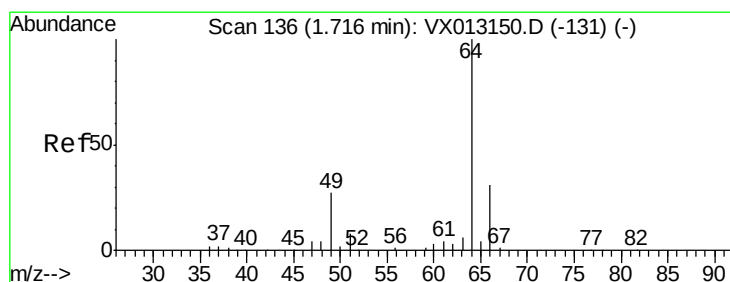
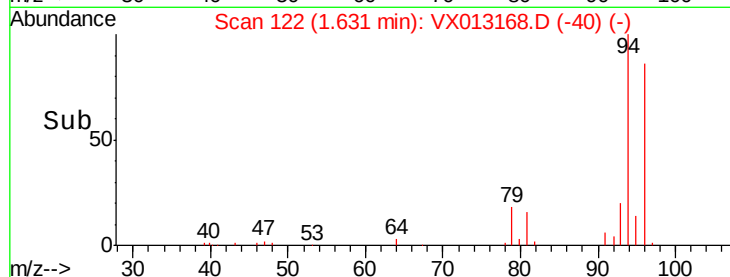
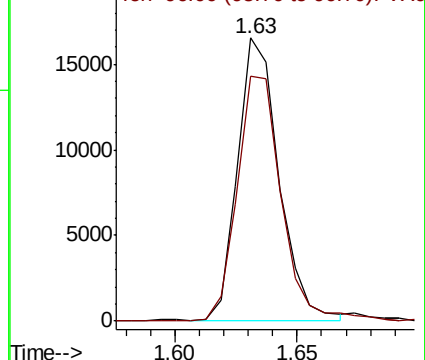
94 100

96 86.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.741 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013168.D

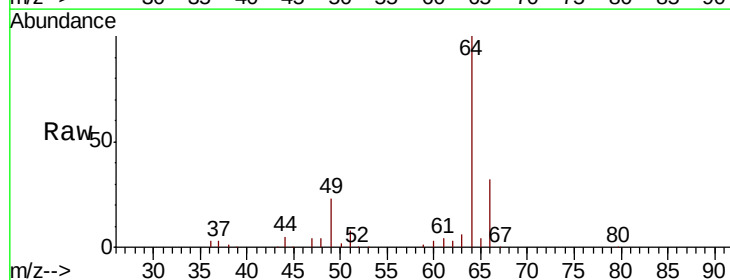
Acq: 22 Oct 2019 09:44

Tgt Ion: 64 Resp: 20623

Ion Ratio Lower Upper

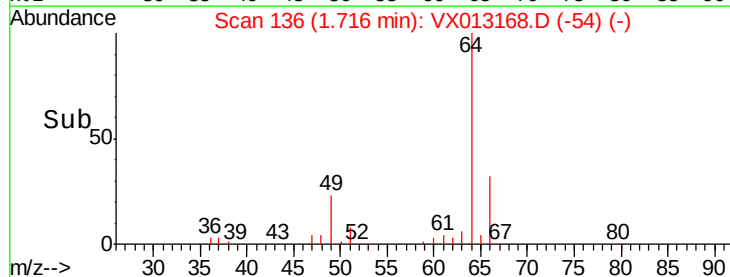
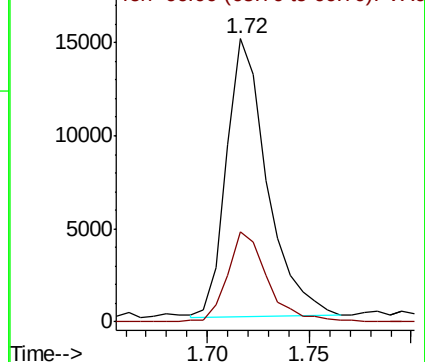
64 100

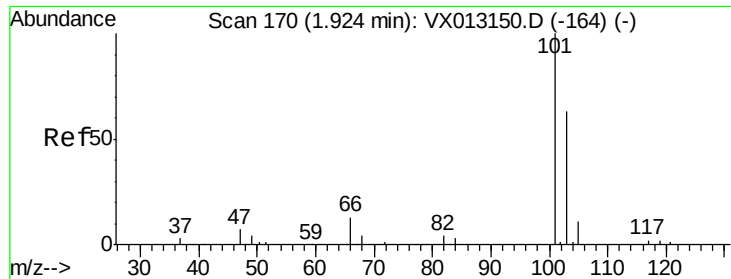
66 31.9 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



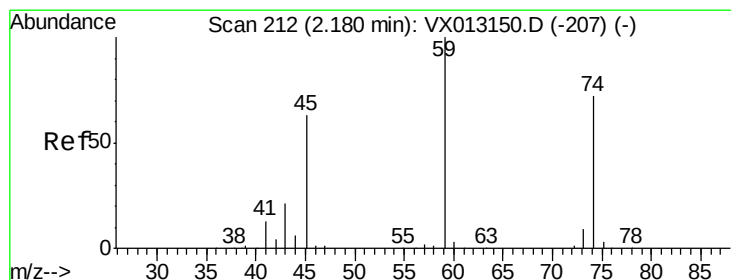
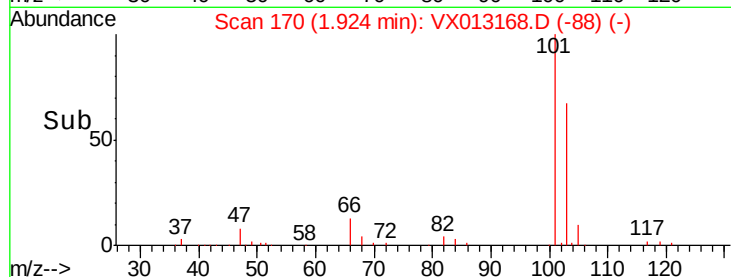
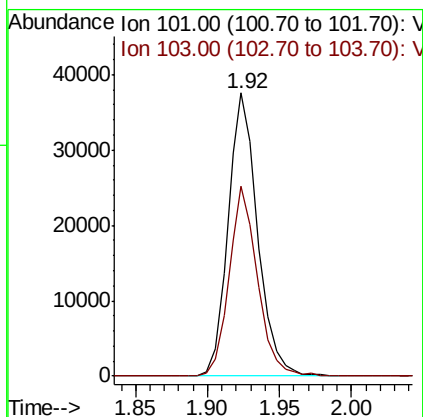
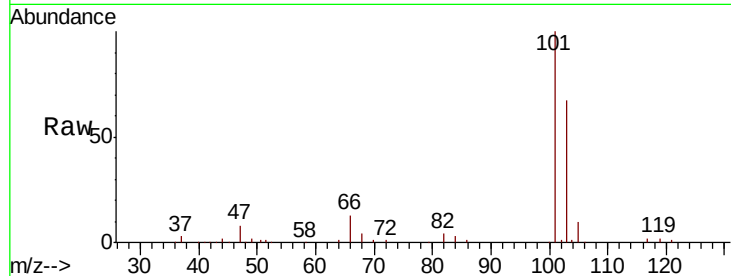


#7

Trichlorofluoromethane
 Concen: 19.412 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
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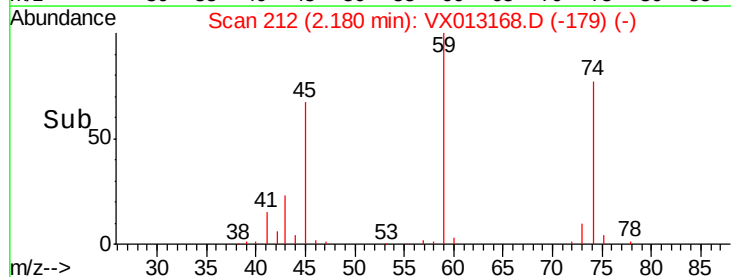
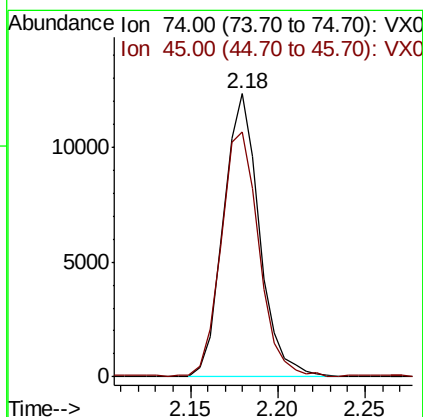
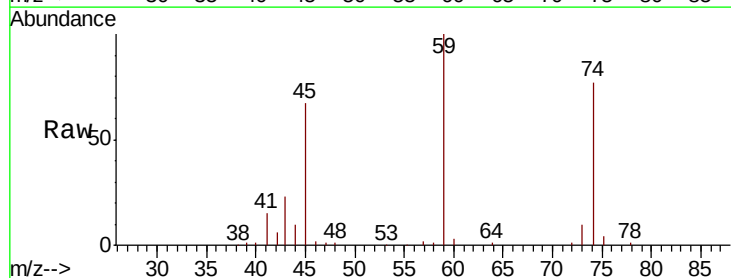
Tot Ion:101 Resp: 53795
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.2 75.4

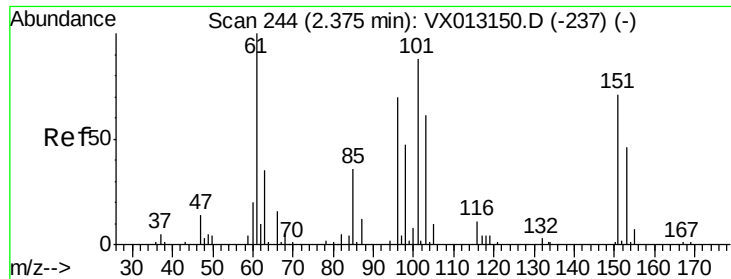


#8

Diethyl Ether
 Concen: 18.642 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 74 Resp: 17633
 Ion Ratio Lower Upper
 74 100
 45 90.9 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.412 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

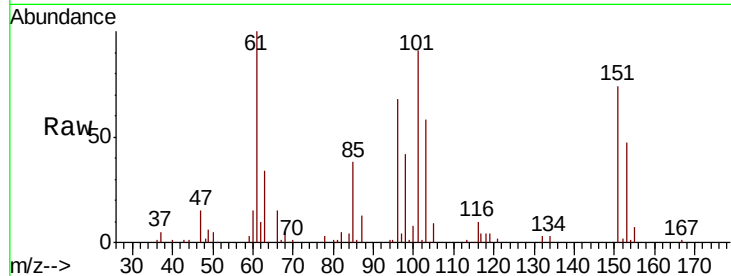
Tot Ion:101 Resp: 32858

Ion Ratio Lower Upper

101 100

85 42.7 0.0 87.2

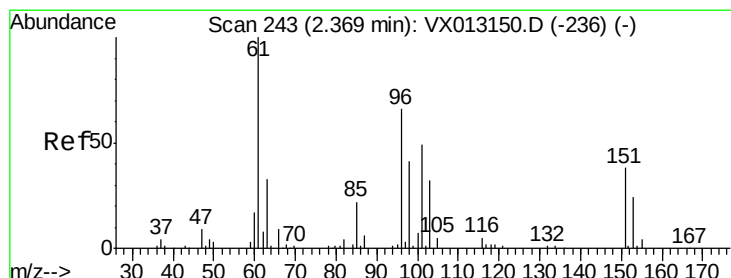
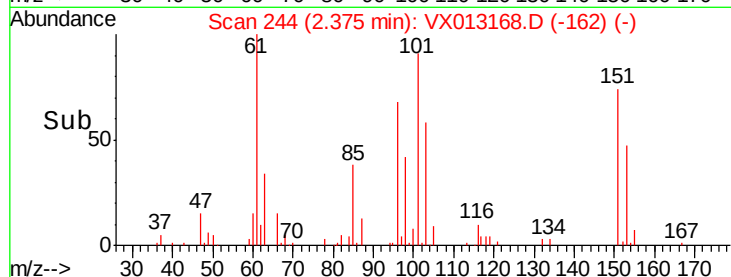
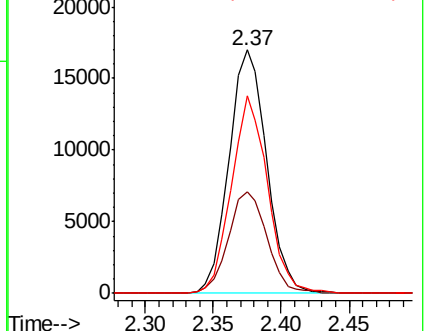
151 77.9 0.0 163.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.569 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

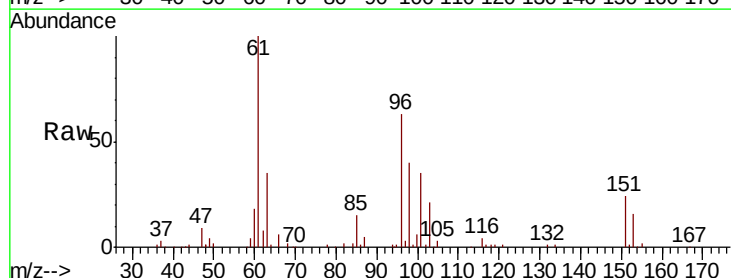
Tgt Ion: 96 Resp: 30355

Ion Ratio Lower Upper

96 100

61 158.7 121.3 181.9

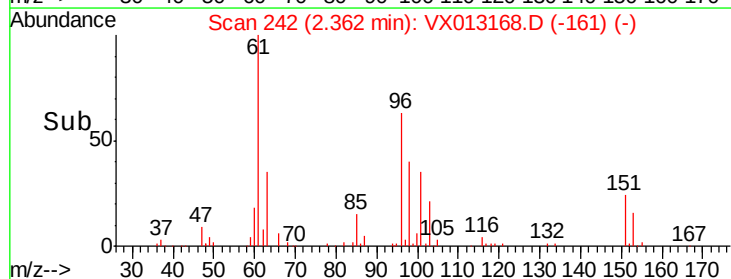
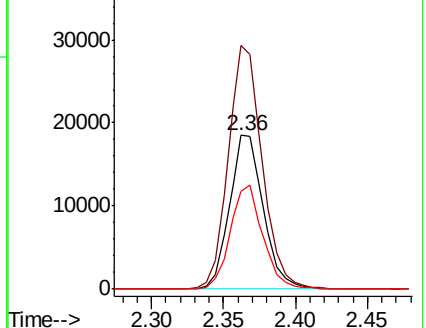
98 64.0 49.5 74.3

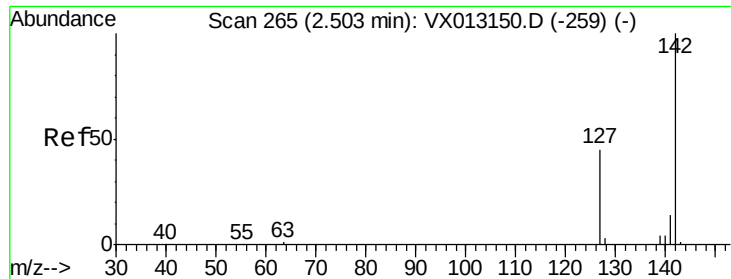


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

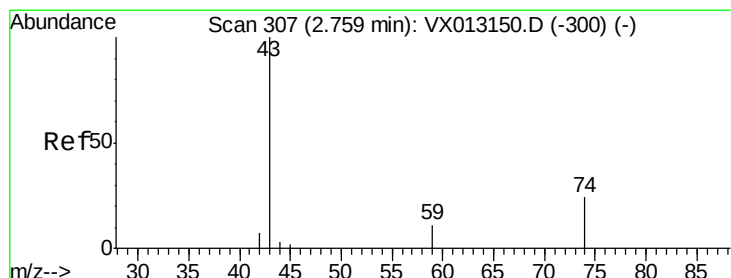
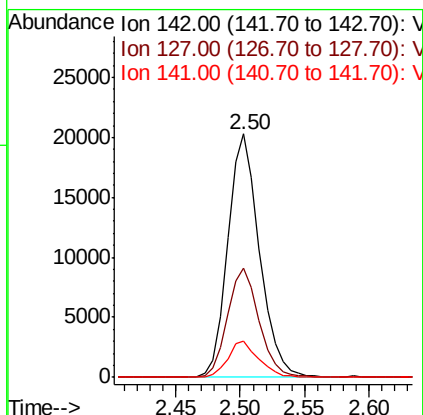
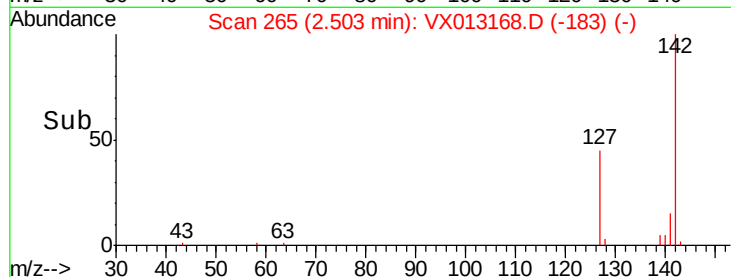
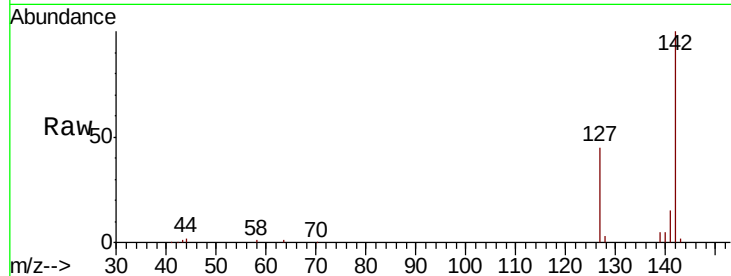




#11
Methvl Iodide
Concen: 16.518 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

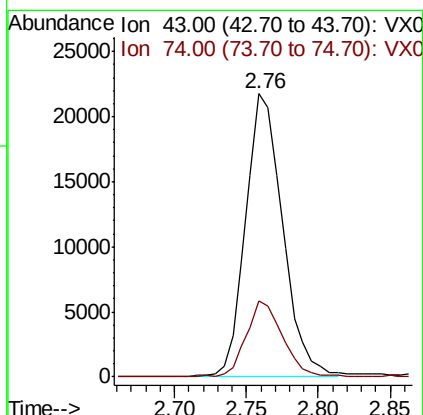
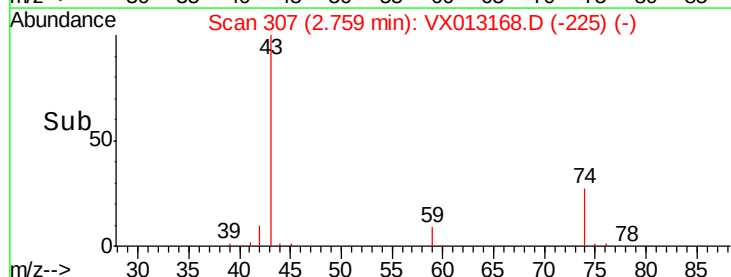
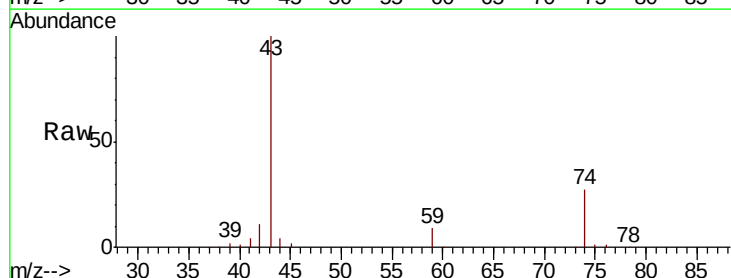
Instrument :
MSVOA_X
ClientSampled :

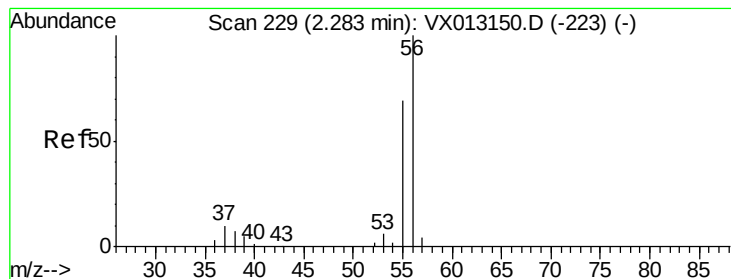
Tot Ion:142 Resp: 34776
Ion Ratio Lower Upper
142 100
127 44.7 22.3 66.9
141 14.7 7.1 21.3



#12
Methyl Acetate
Concen: 18.397 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 43 Resp: 38835
Ion Ratio Lower Upper
43 100
74 26.7 19.7 29.5





#13

Acrolein

Concen: 70.629 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

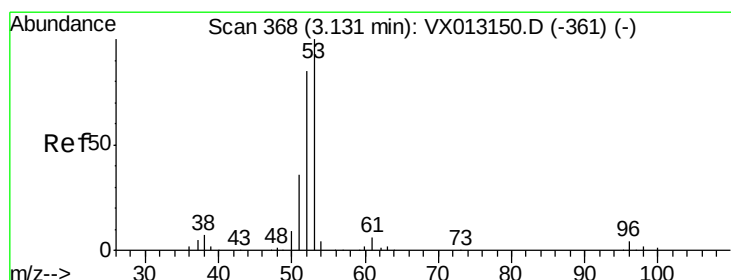
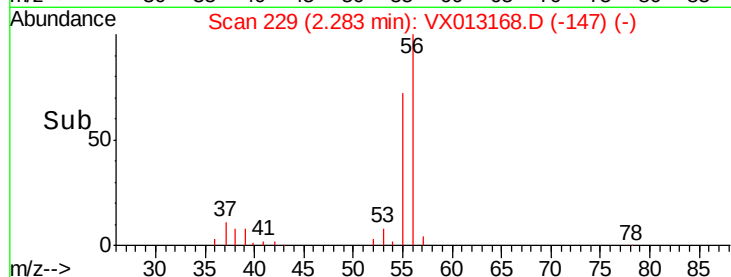
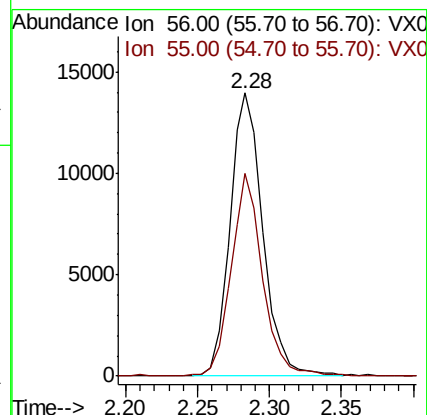
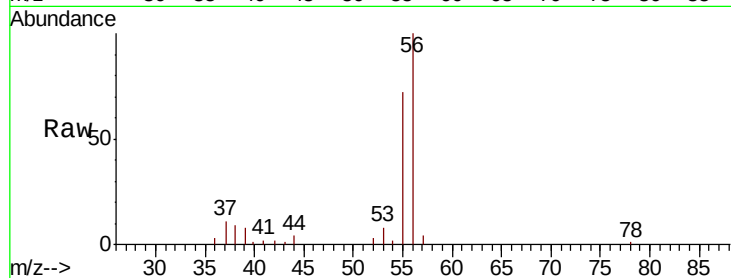
ClientSampleId :

Tot Ion: 56 Resp: 22194

Ion Ratio Lower Upper

56 100

55 68.9 55.8 83.8



#14

Acrylonitrile

Concen: 92.782 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

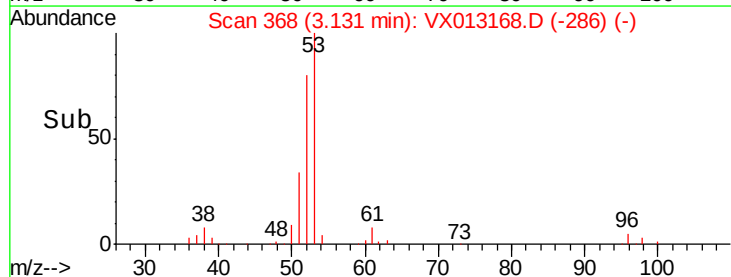
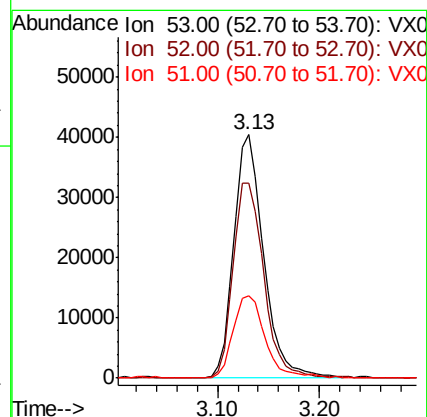
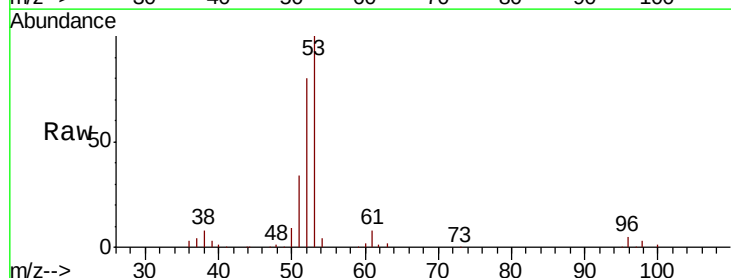
Tgt Ion: 53 Resp: 81909

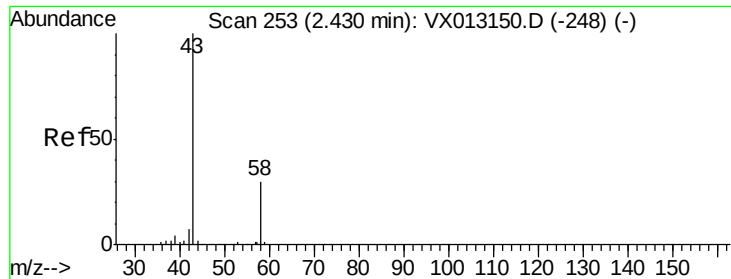
Ion Ratio Lower Upper

53 100

52 82.1 42.0 126.0

51 35.6 18.6 56.0





#15

Acetone

Concen: 110.520 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

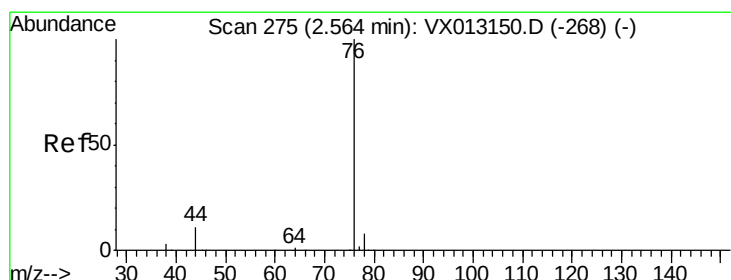
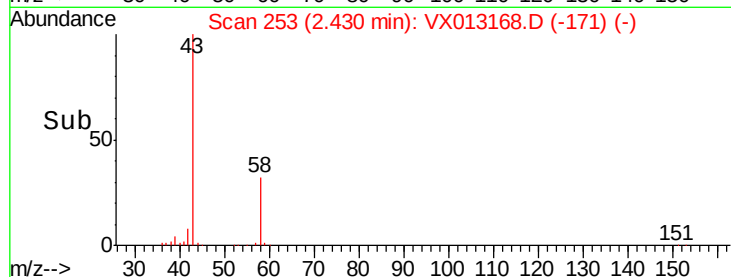
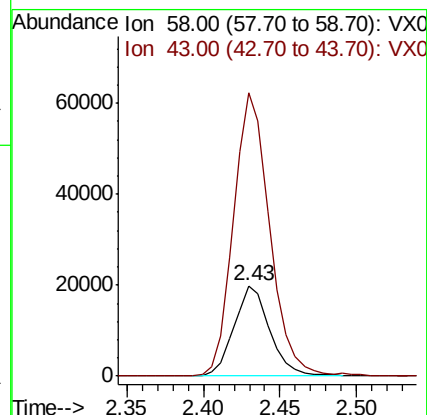
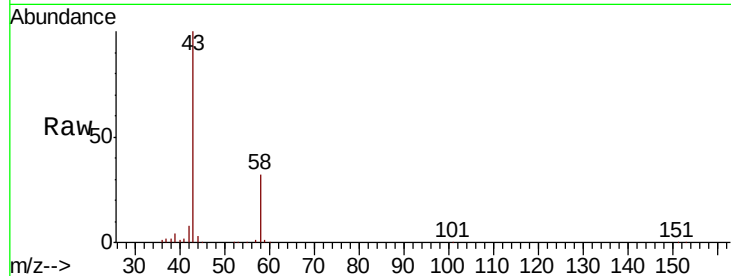
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 32145

Ion Ratio Lower Upper

58 100

43 311.9 262.8 394.2



#16

Carbon Disulfide

Concen: 17.863 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX013168.D

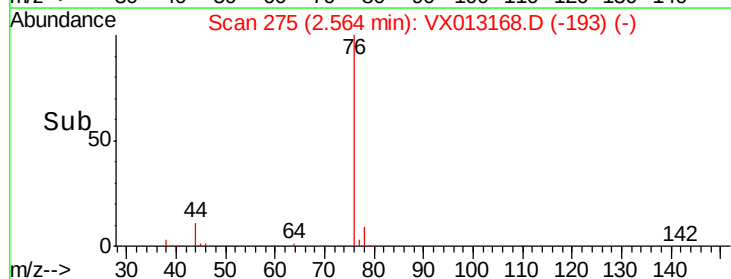
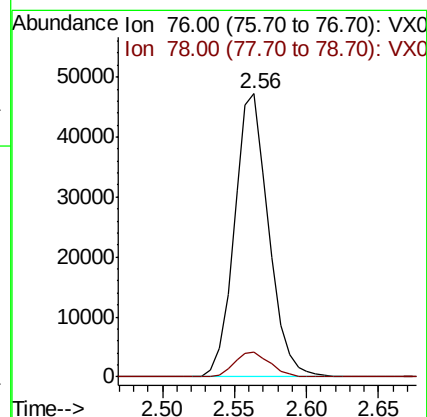
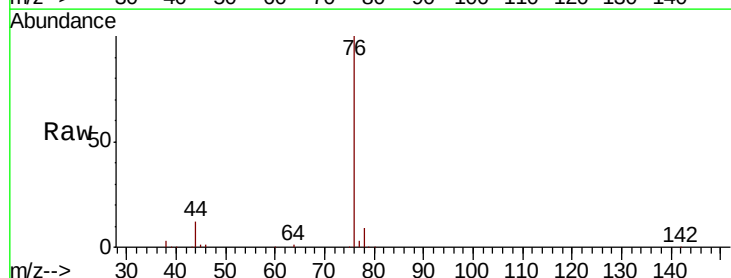
Acq: 22 Oct 2019 09:44

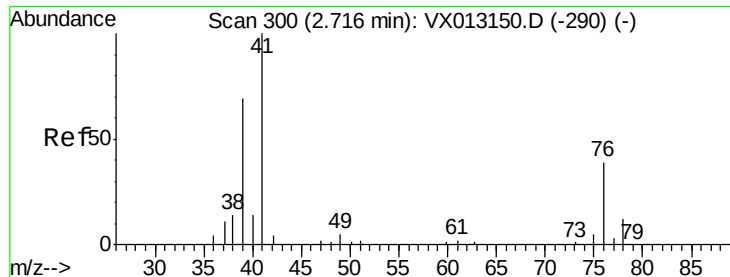
Tgt Ion: 76 Resp: 77981

Ion Ratio Lower Upper

76 100

78 8.7 6.6 10.0

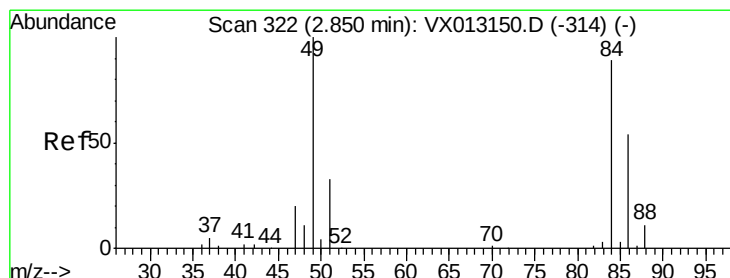
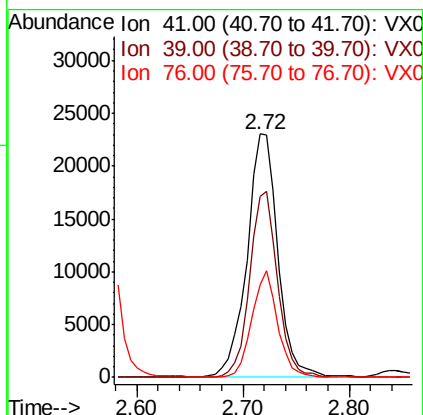
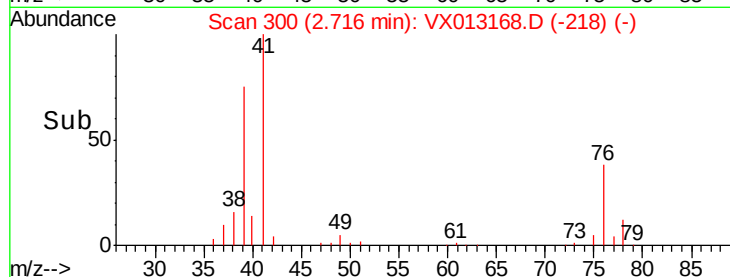
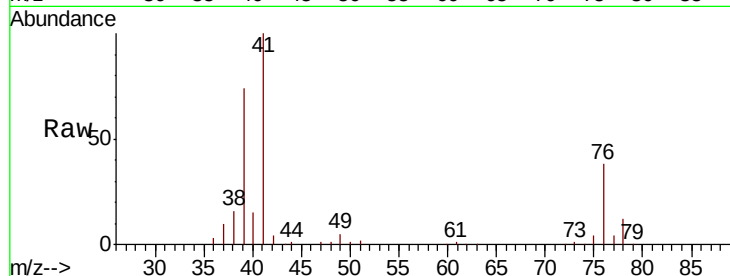




#17
Allvl chloride
Concen: 18.092 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

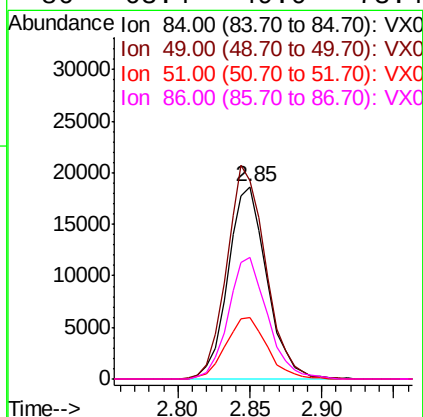
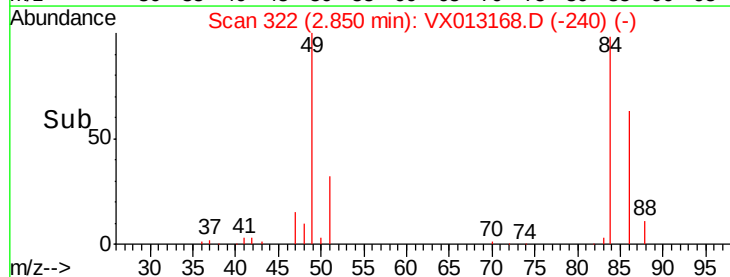
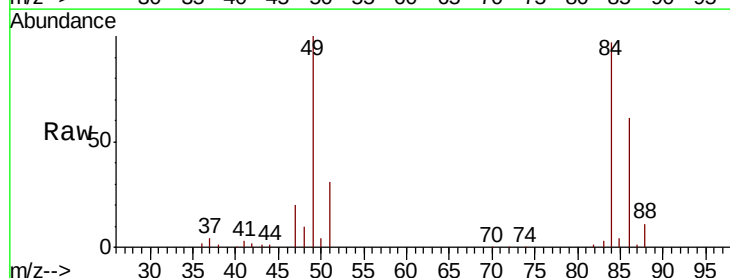
Instrument :
MSVOA_X
ClientSampleId :

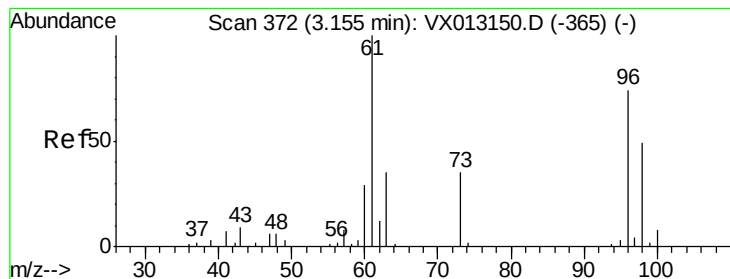
Tot Ion: 41 Resp: 47045
Ion Ratio Lower Upper
41 100
39 74.3 34.7 104.1
76 38.0 19.7 59.0



#18
Methylene Chloride
Concen: 18.586 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 84 Resp: 35179
Ion Ratio Lower Upper
84 100
49 102.9 90.3 135.5
51 31.9 29.9 44.9
86 63.4 49.0 73.4





#19

trans-1,2-Dichloroethene

Concen: 19.110 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampled :

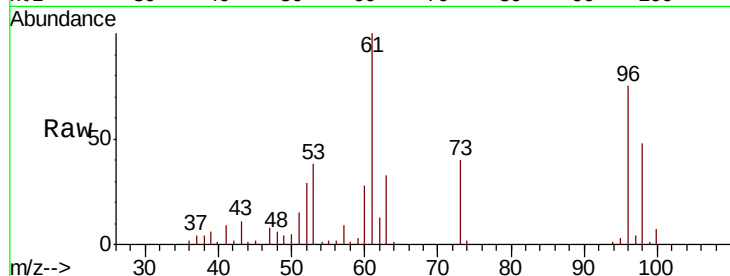
Tot Ion: 96 Resp: 33149

Ion Ratio Lower Upper

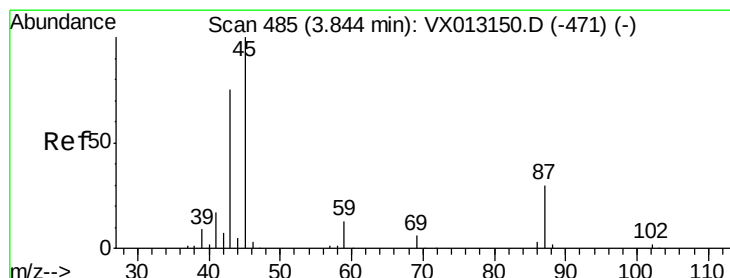
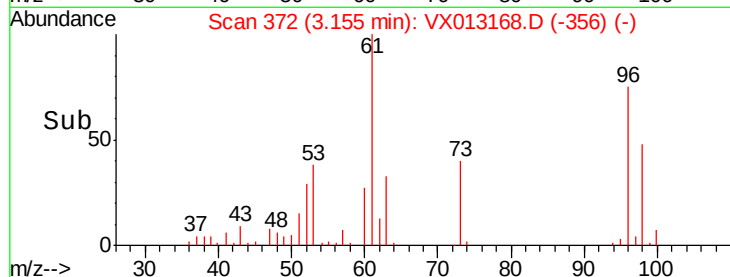
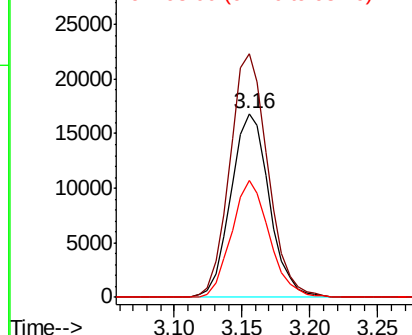
96 100

61 132.3 108.6 162.8

98 64.0 53.4 80.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.850 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion: 45 Resp: 94800

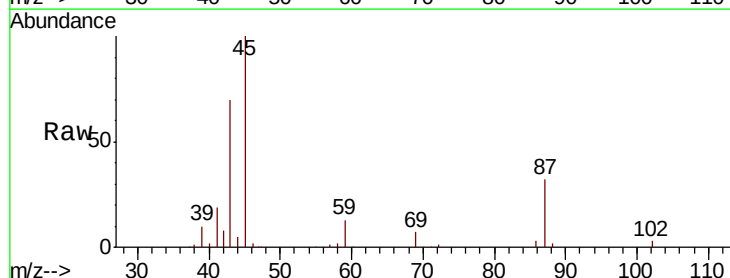
Ion Ratio Lower Upper

45 100

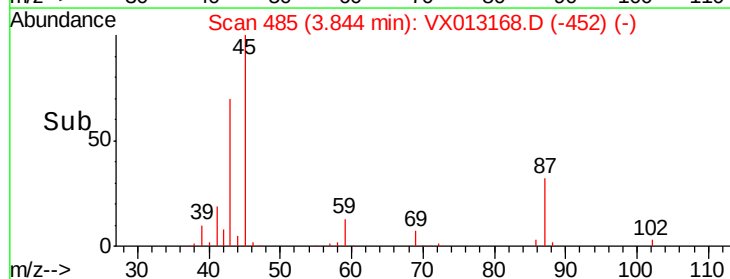
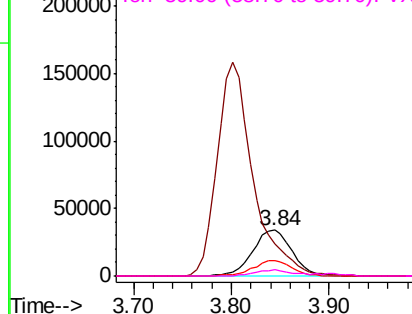
43 67.7 60.6 91.0

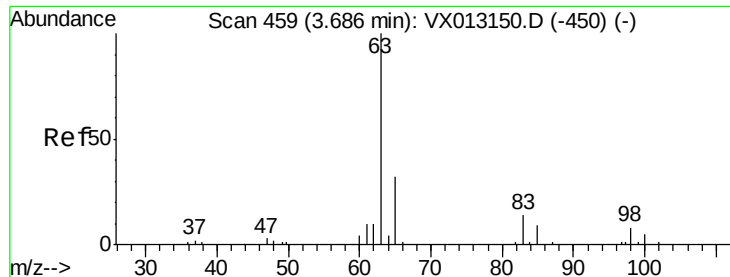
87 32.4 24.2 36.2

59 13.2 10.5 15.7



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





#21

1,1-Dichloroethane

Concen: 18.686 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

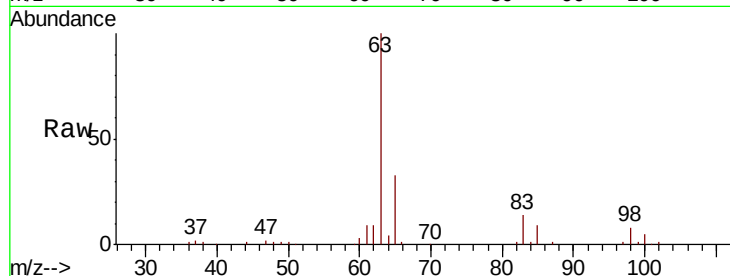
Tot Ion: 63 Resp: 57058

Ion Ratio Lower Upper

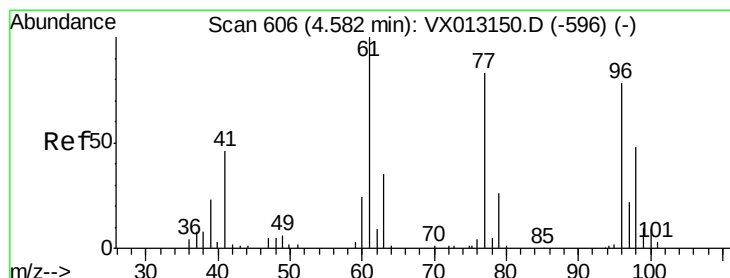
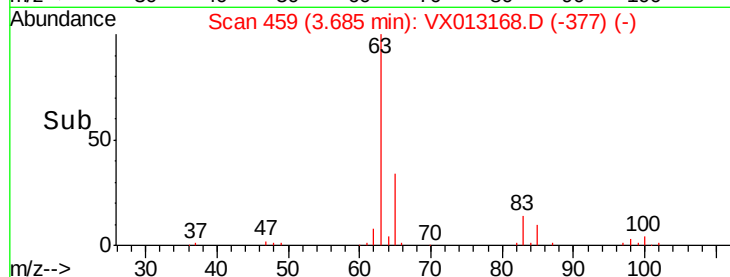
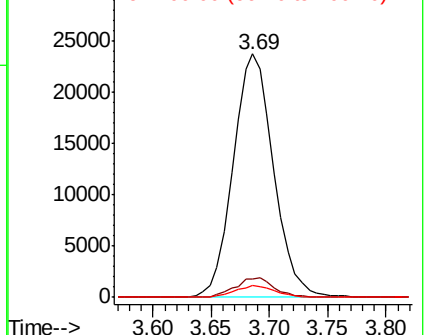
63 100

98 7.7 4.2 12.4

100 5.0 2.4 7.2



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.185 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

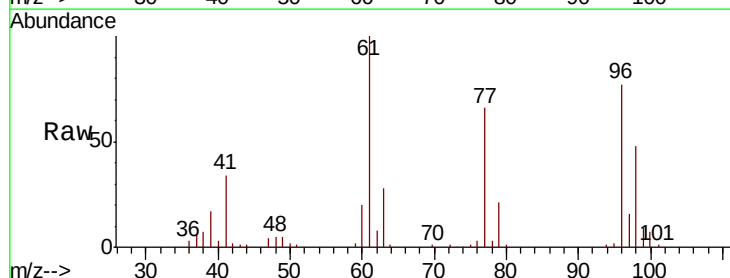
Tgt Ion: 96 Resp: 37948

Ion Ratio Lower Upper

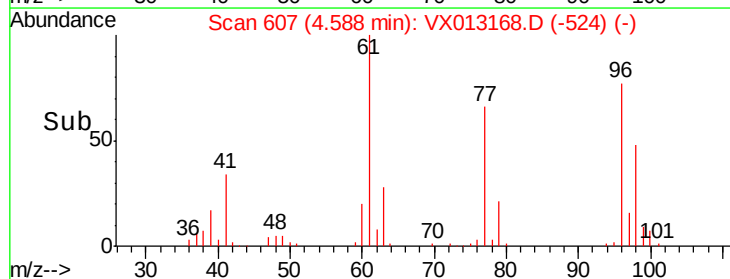
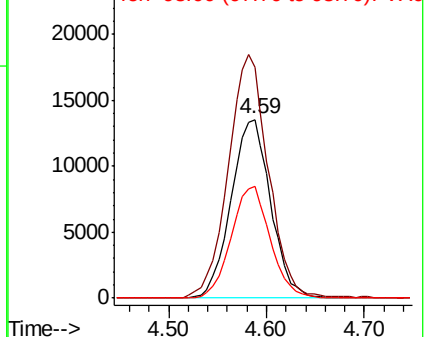
96 100

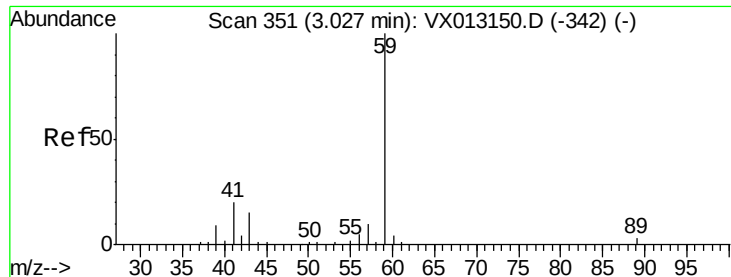
61 138.4 112.5 168.7

98 61.6 51.2 76.8



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



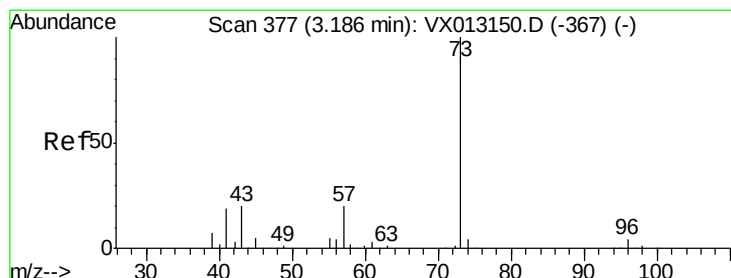
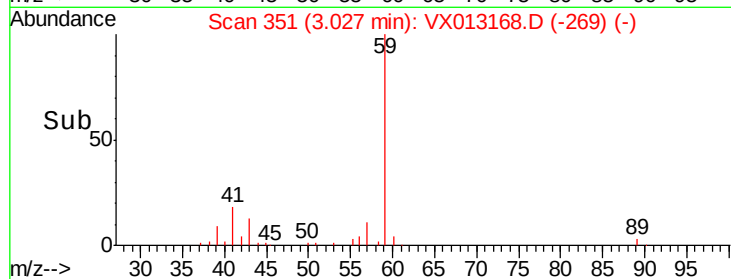
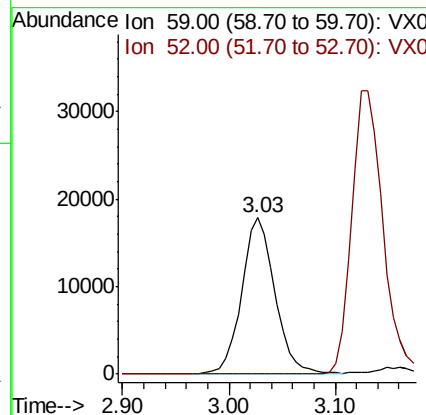
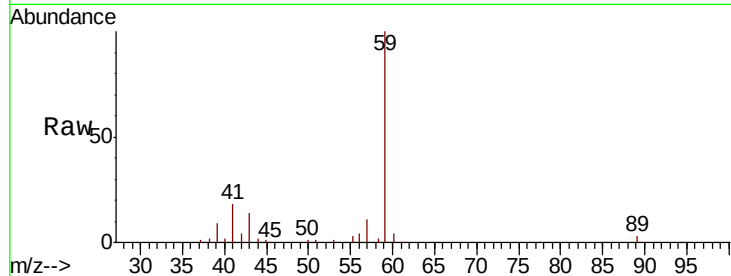


#23

tert-Butyl Alcohol
Concen: 84.711 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

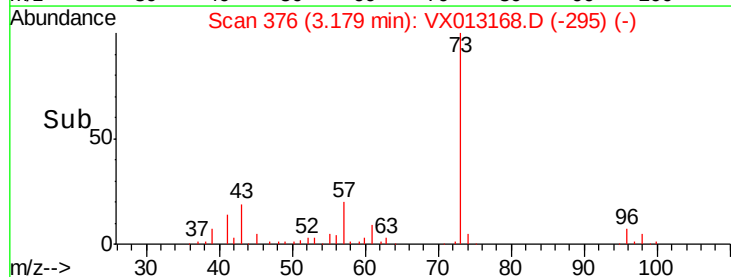
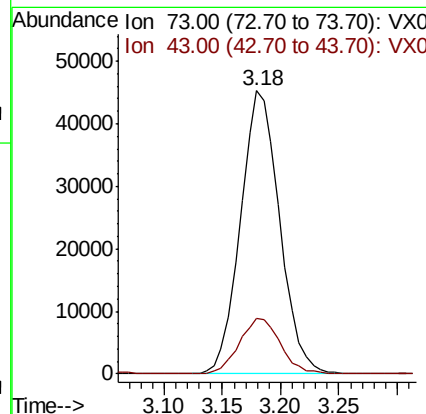
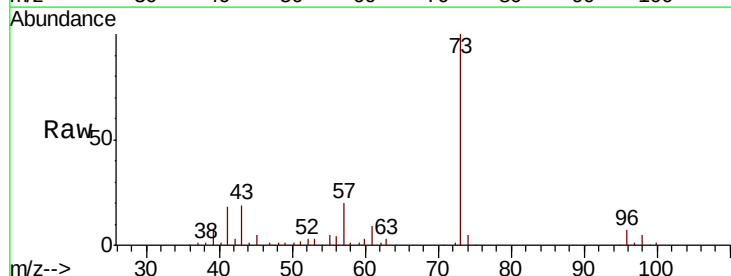
Tot Ion: 59 Resp: 39400
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

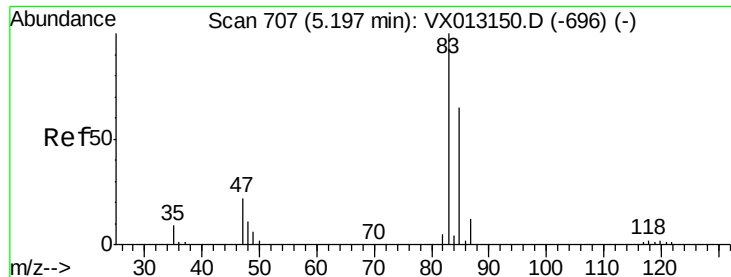


#24

Methyl tert-Butyl Ether
Concen: 18.806 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 73 Resp: 106024
Ion Ratio Lower Upper
73 100
43 20.6 17.1 25.7

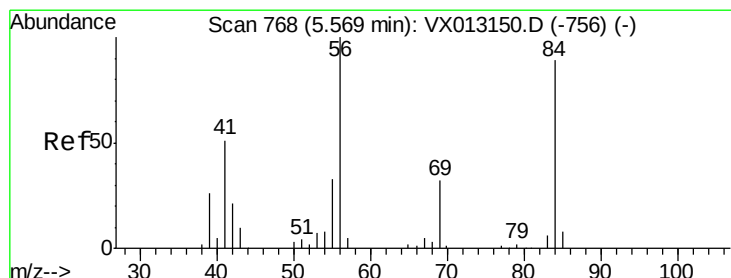
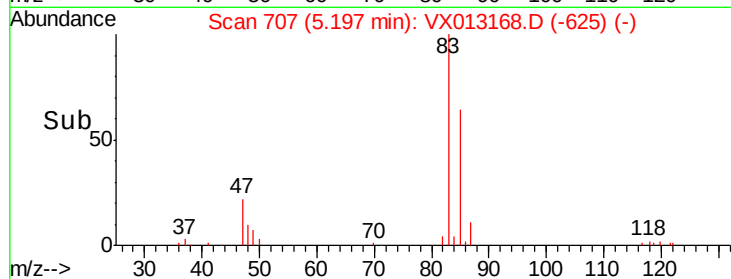
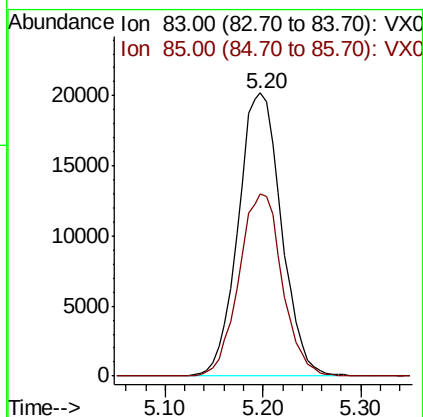
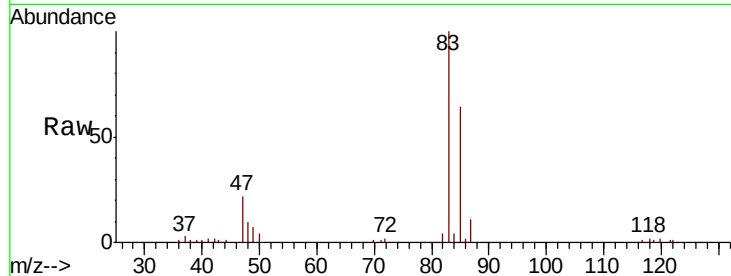




#25
Chloroform
Concen: 19.280 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

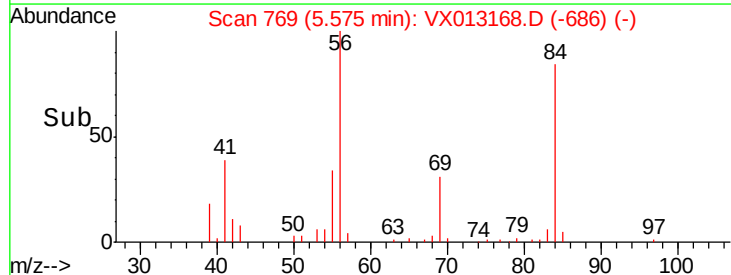
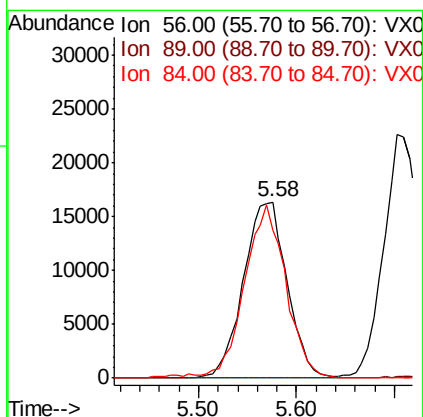
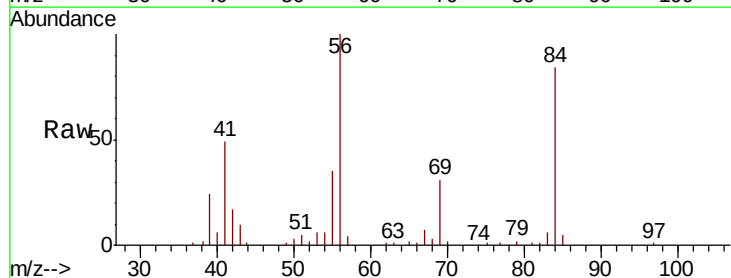
Instrument :
MSVOA_X
ClientSampleId :

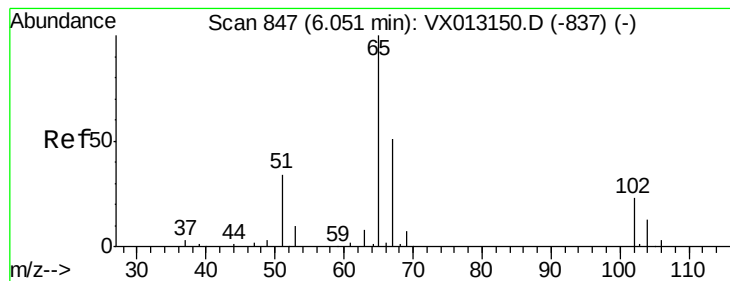
Tot Ion: 83 Resp: 61865
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0



#26
Cyclohexane
Concen: 19.011 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 56 Resp: 50938
Ion Ratio Lower Upper
56 100
89 0.0 0.2 0.2#
84 92.1 74.0 111.0



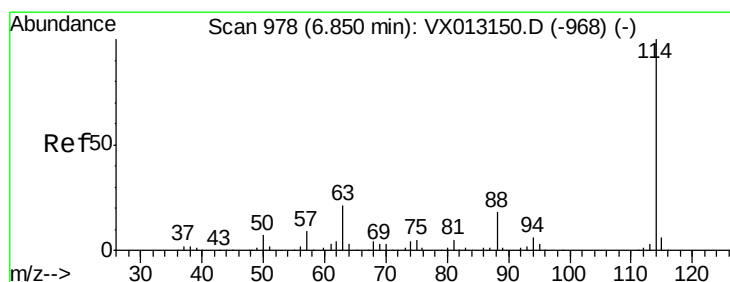
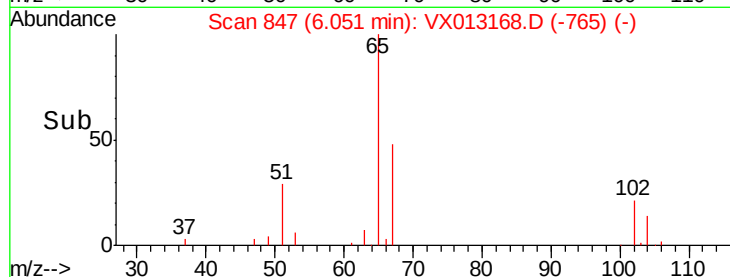
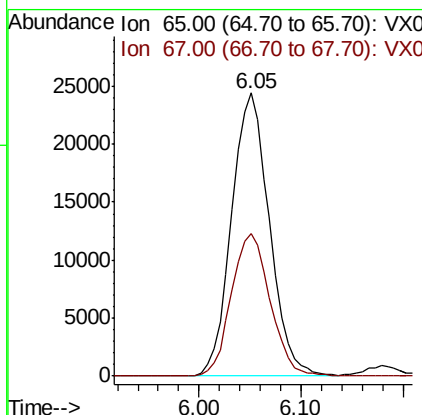
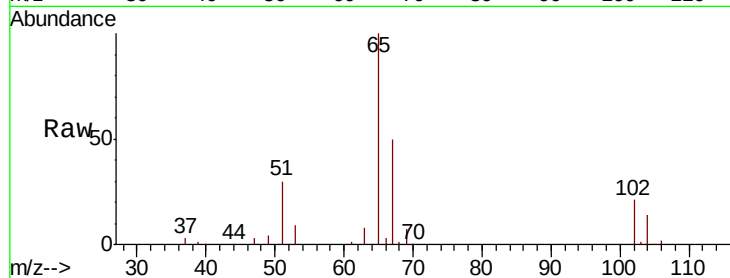


#27

1,2-Dichloroethane-d4
Concen: 29.900 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampled :

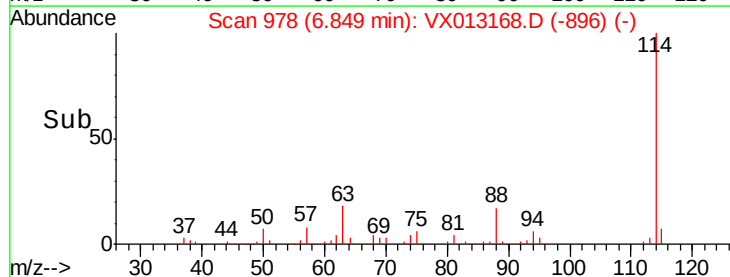
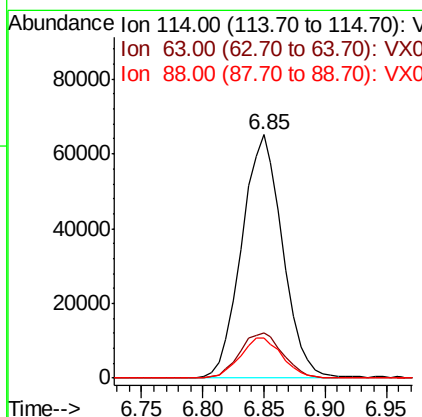
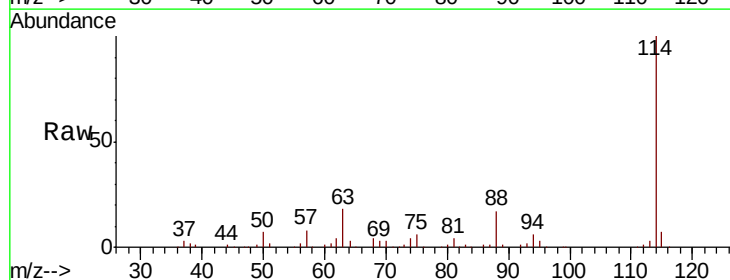
Tot Ion: 65 Resp: 62720
Ion Ratio Lower Upper
65 100
67 51.5 42.2 63.4

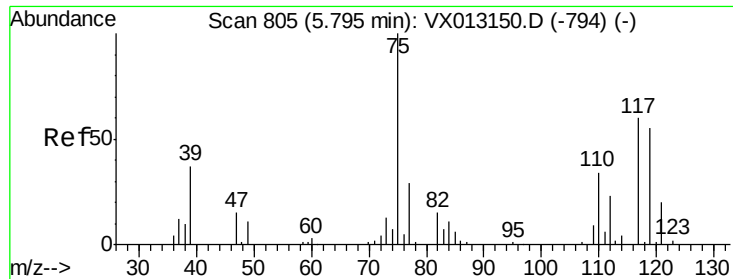


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 114 Resp: 151292
Ion Ratio Lower Upper
114 100
63 19.6 16.1 24.1
88 17.0 13.7 20.5

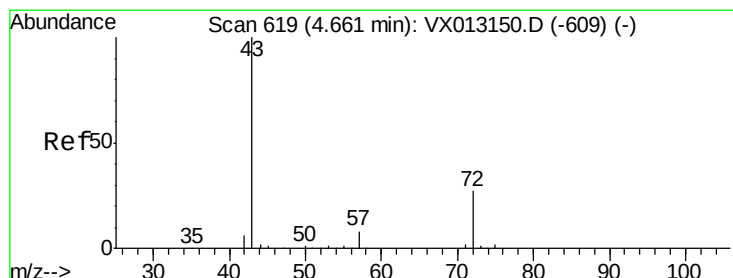
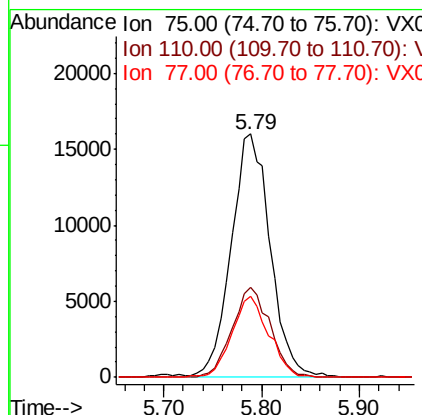
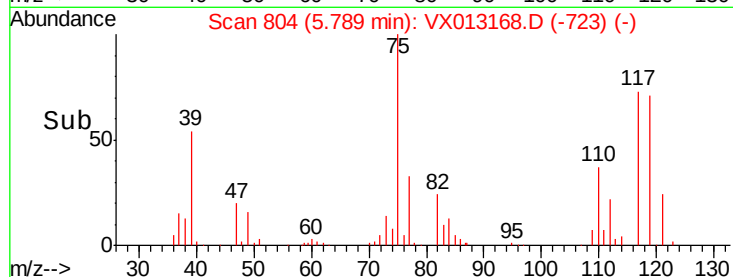
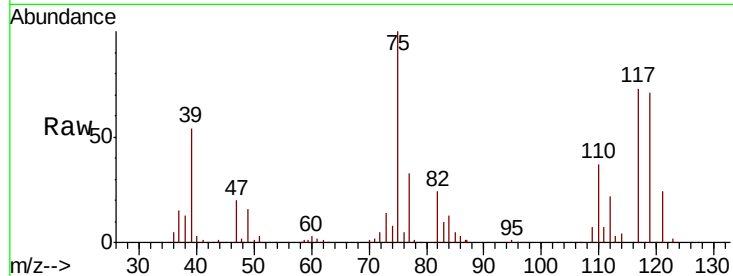




#29
 1,1-Dichloropropene
 Concen: 18.835 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

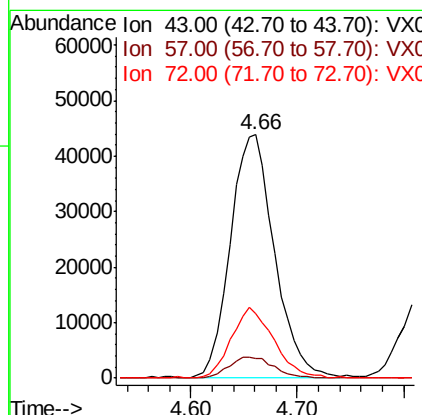
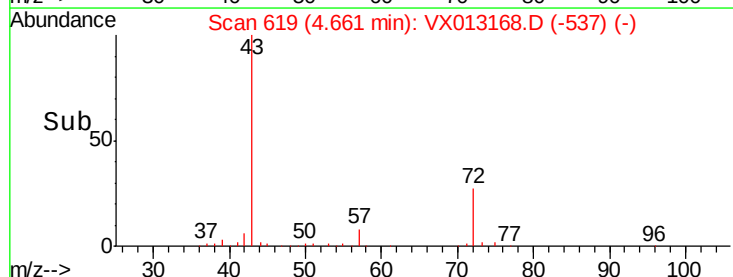
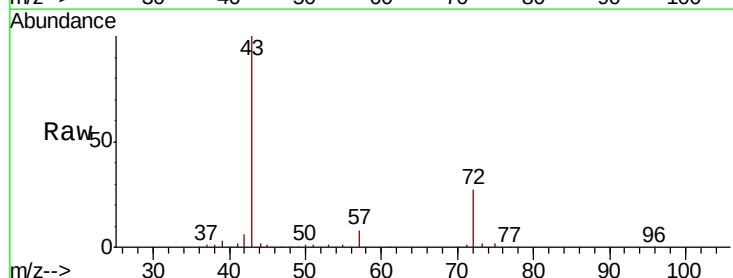
Instrument :
 MSVOA_X
 ClientSampleId :

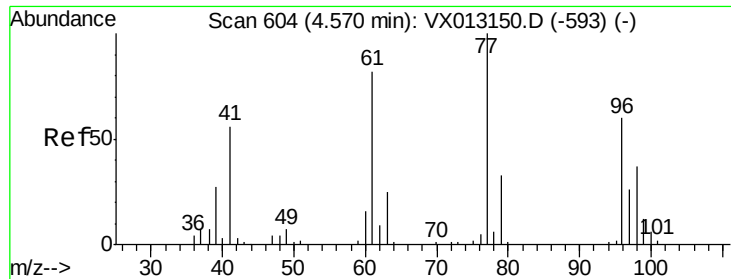
Tot Ion: 75 Resp: 44269
 Ion Ratio Lower Upper
 75 100
 110 35.9 0.0 68.4
 77 31.3 0.0 30.8#



#30
 2-Butanone
 Concen: 102.756 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 43 Resp: 126683
 Ion Ratio Lower Upper
 43 100
 57 8.8 7.0 10.6
 72 27.9 23.4 35.2

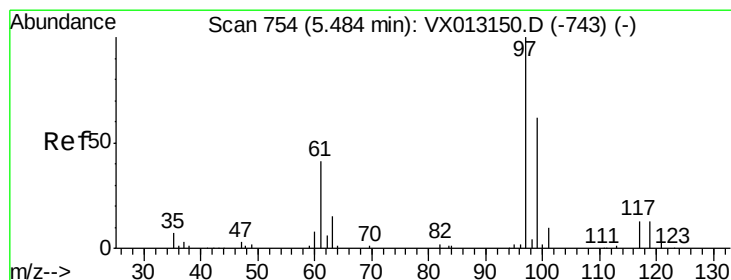
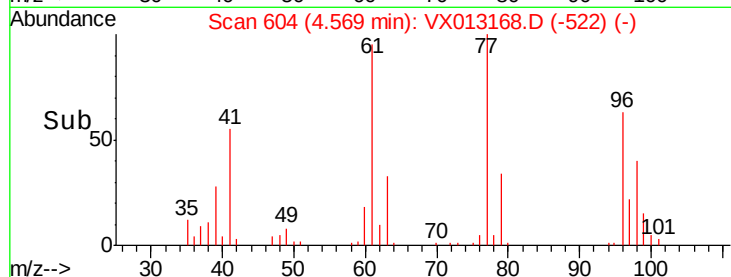
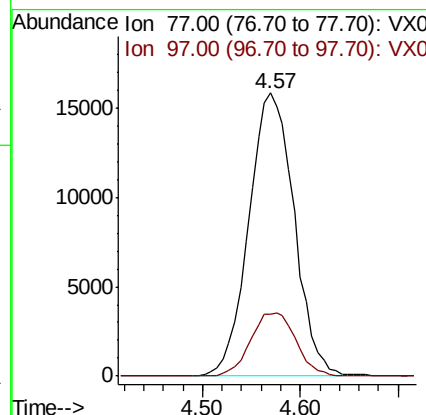
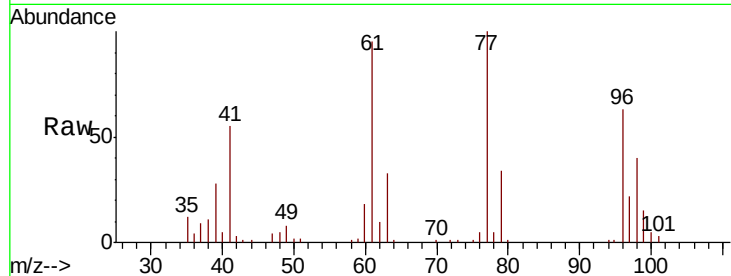




#31
 2,2-Dichloropropane
 Concen: 18.724 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

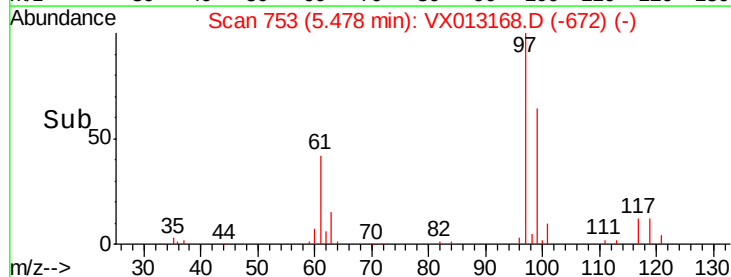
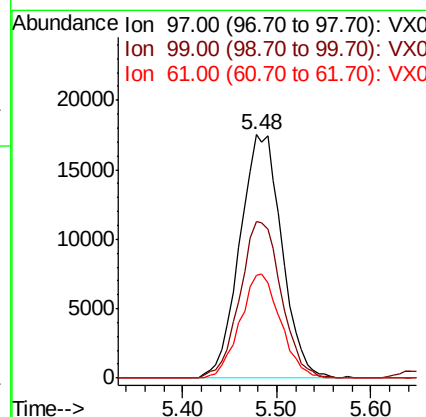
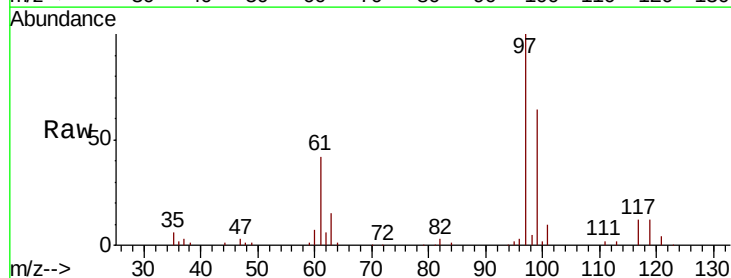
Instrument :
 MSVOA_X
 ClientSampleId :

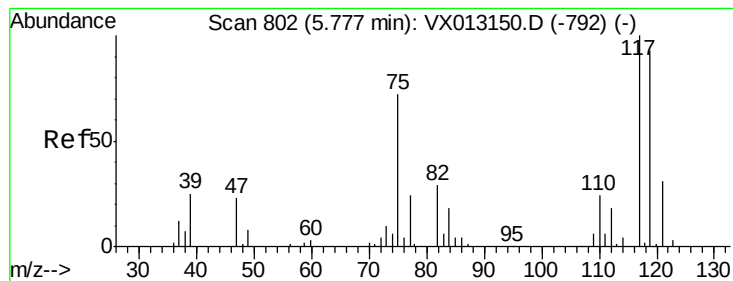
Tot Ion: 77 Resp: 50879
 Ion Ratio Lower Upper
 77 100
 97 22.4 19.1 28.7



#32
 1,1,1-Trichloroethane
 Concen: 19.263 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 97 Resp: 54785
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.8 77.8
 61 41.0 33.5 50.3





#33

Carbon Tetrachloride

Concen: 19.451 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampled :

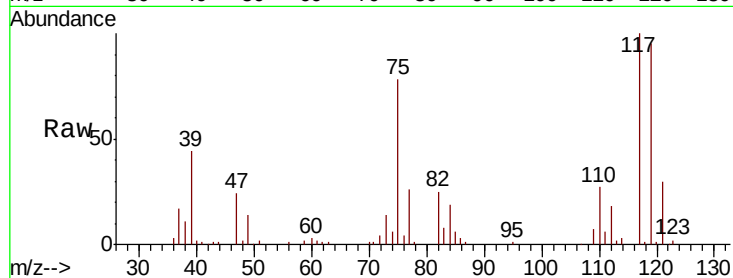
Tot Ion:117 Resp: 47547

Ion Ratio Lower Upper

117 100

119 95.4 74.9 112.3

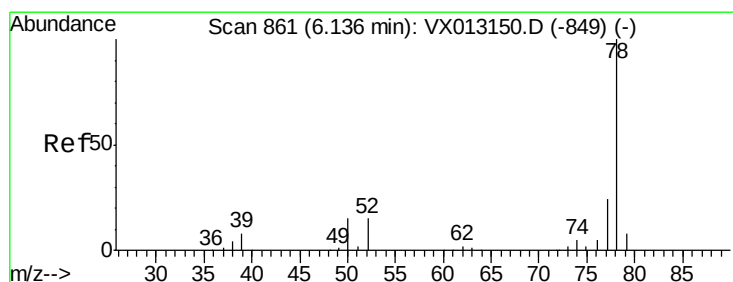
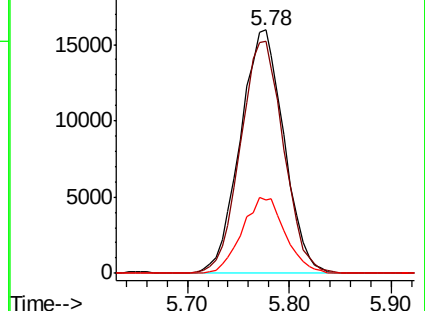
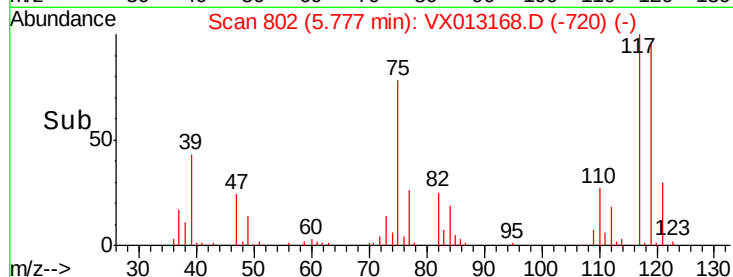
121 29.9 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.245 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

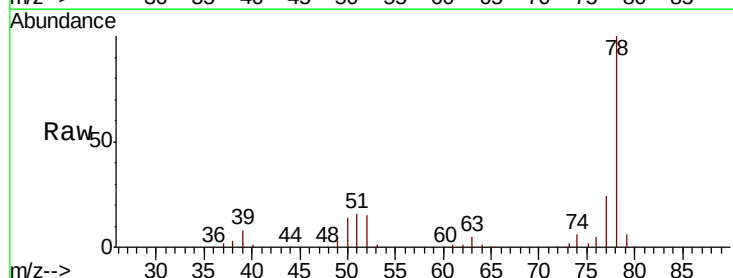
Tgt Ion: 78 Resp: 130219

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

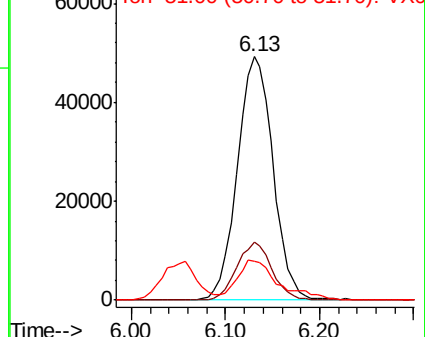
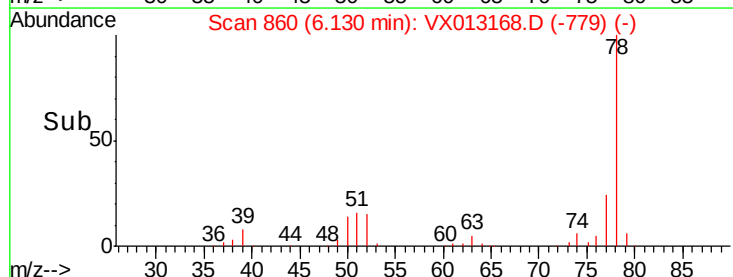
51 15.4 11.4 17.2

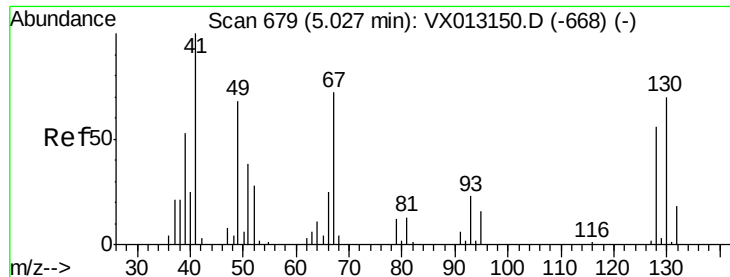


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

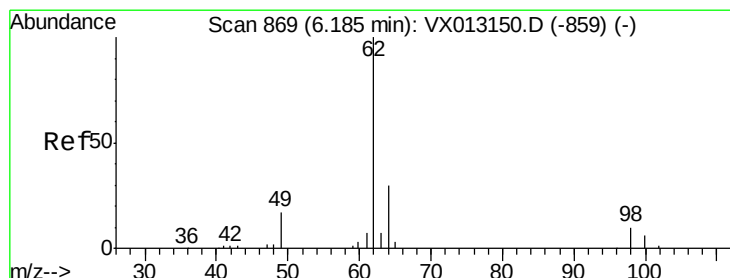
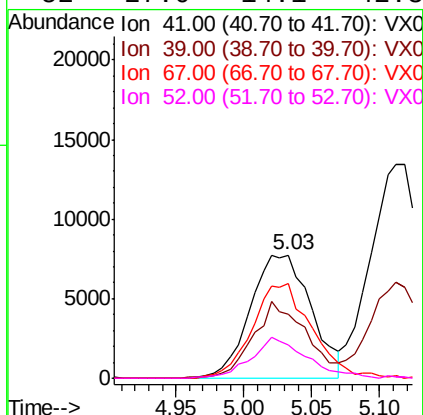
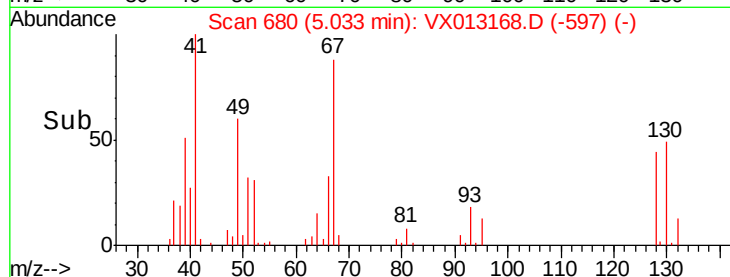
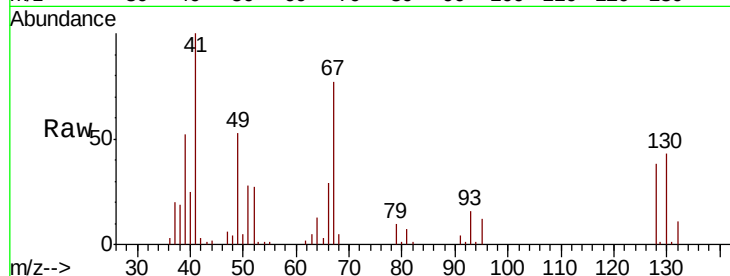




#35
Methacrylonitrile
Concen: 19.170 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

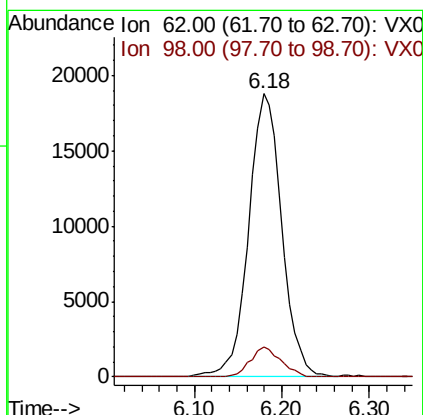
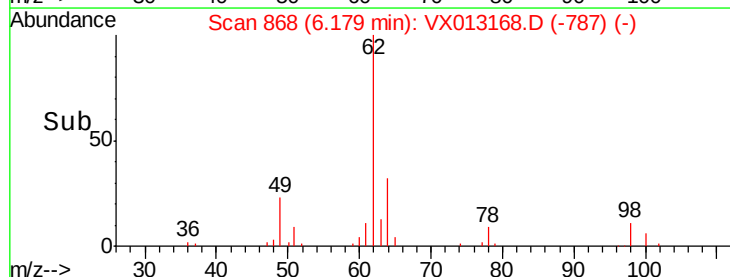
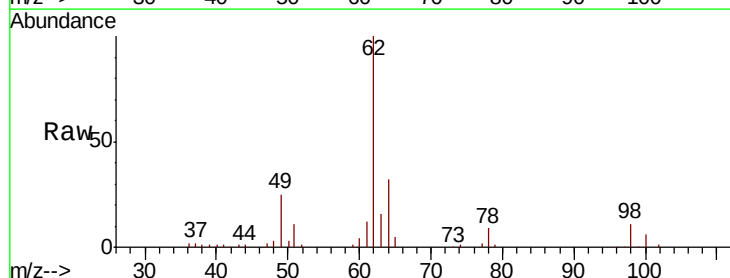
Instrument :
MSVOA_X
ClientSampleId :

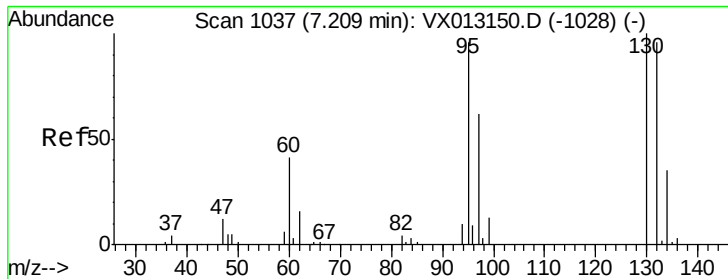
Tot Ion: 41 Resp: 24237
Ion Ratio Lower Upper
41 100
39 50.8 26.3 78.9
67 77.1 35.8 107.4
52 27.0 14.1 42.3



#36
1,2-Dichloroethane
Concen: 19.354 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 62 Resp: 49504
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0

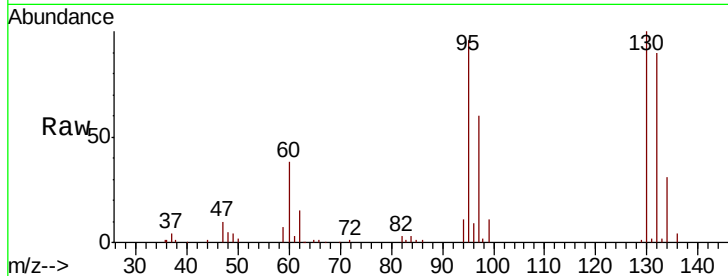




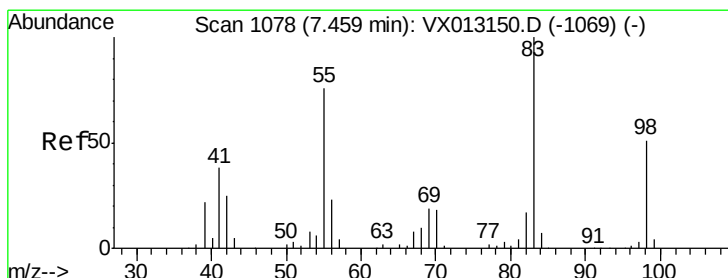
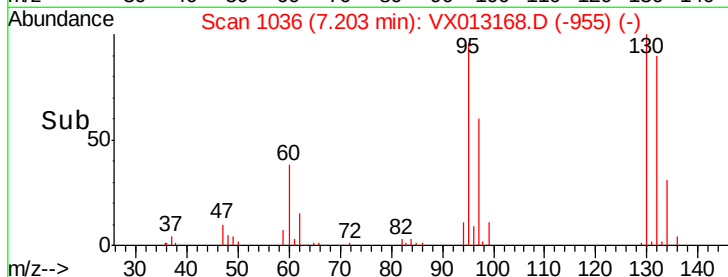
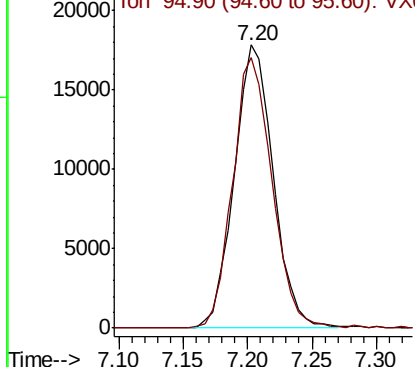
#37
 Trichloroethene
 Concen: 19.963 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 37466
 Ion Ratio Lower Upper
 130 100
 95 95.5 77.0 115.6

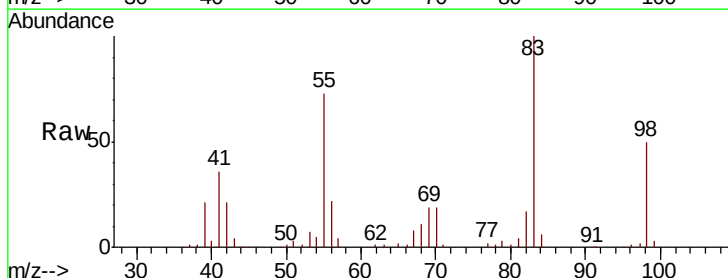


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

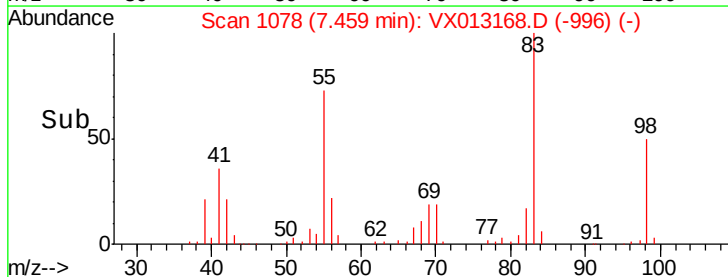
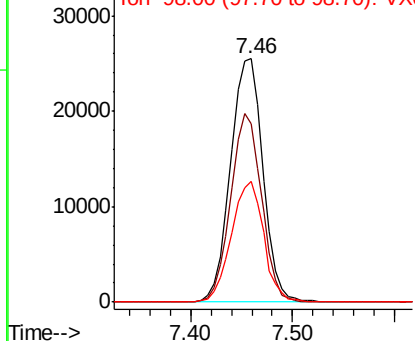


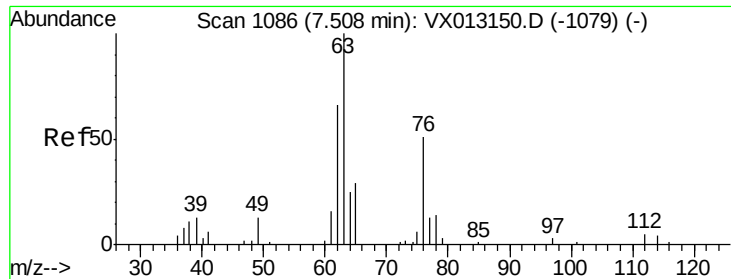
#38
 Methylcyclohexane
 Concen: 19.598 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 83 Resp: 56174
 Ion Ratio Lower Upper
 83 100
 55 73.4 37.5 112.5
 98 49.3 25.4 76.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

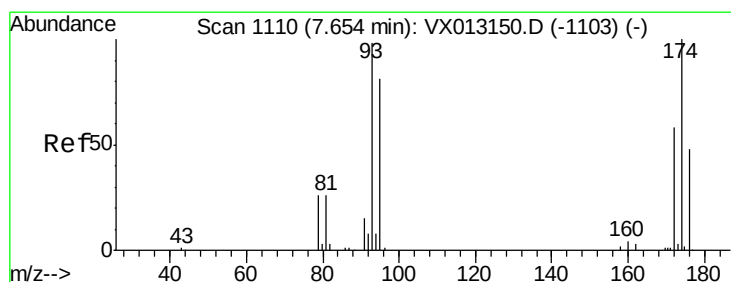
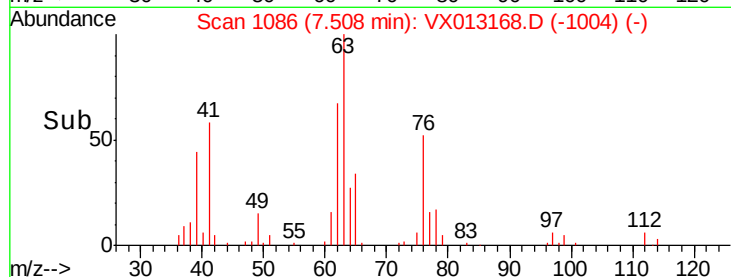
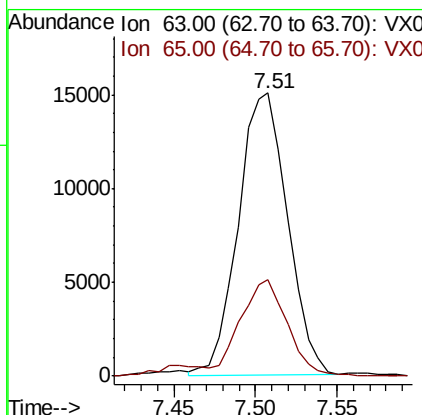
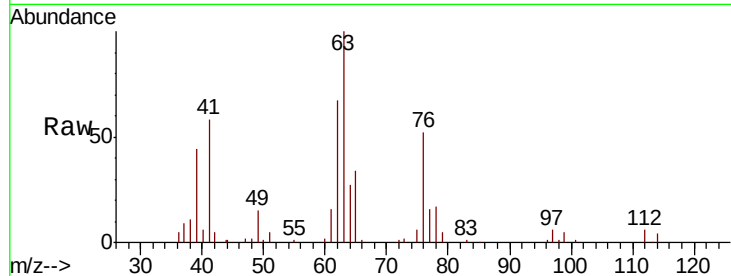




#39
 1,2-Dichloropropane
 Concen: 19.021 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

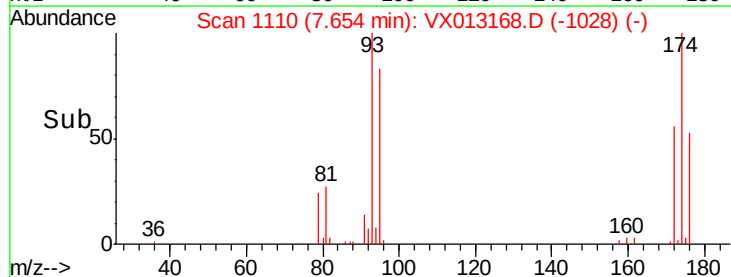
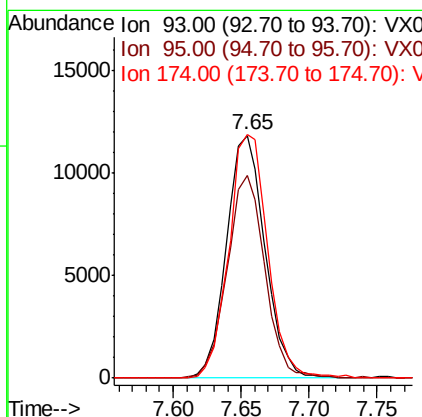
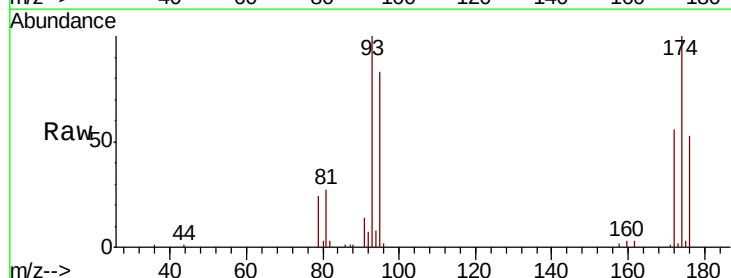
Instrument :
 MSVOA_X
 ClientSampleId :

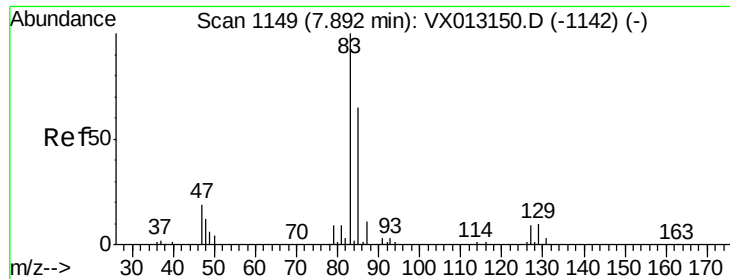
Tot Ion: 63 Resp: 31589
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.8 37.2



#40
 Dibromomethane
 Concen: 19.650 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 93 Resp: 23310
 Ion Ratio Lower Upper
 93 100
 95 81.7 0.0 166.0
 174 101.7 0.0 208.8





#41

Bromodichloromethane

Concen: 19.276 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampled :

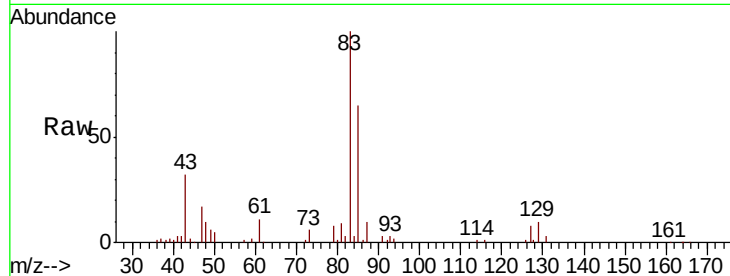
Tot Ion: 83 Resp: 46106

Ion Ratio Lower Upper

83 100

85 65.2 52.1 78.1

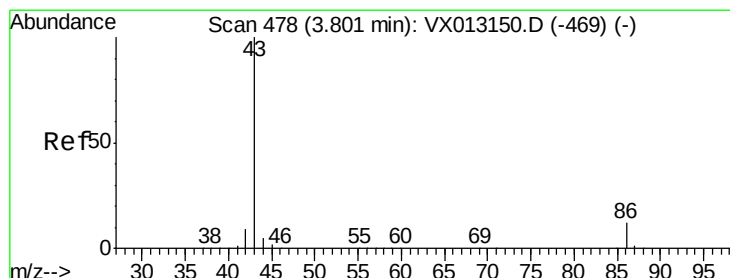
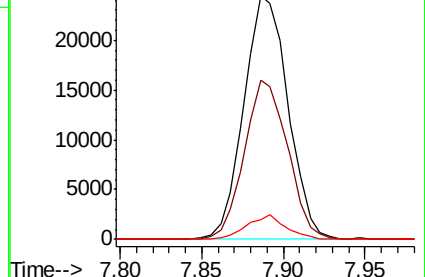
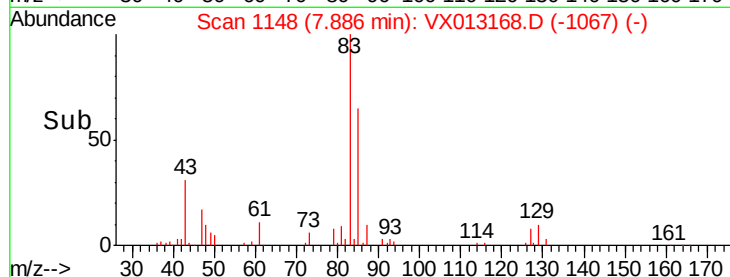
127 8.2 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 94.805 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013168.D

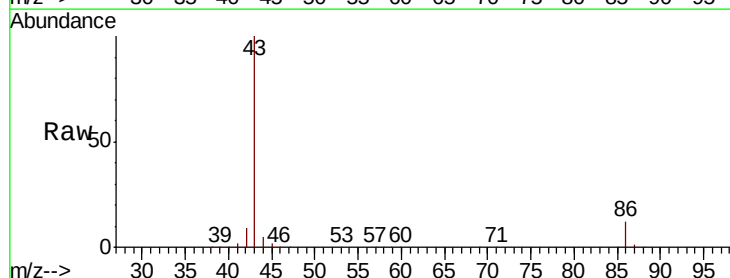
Acq: 22 Oct 2019 09:44

Tgt Ion: 43 Resp: 405312

Ion Ratio Lower Upper

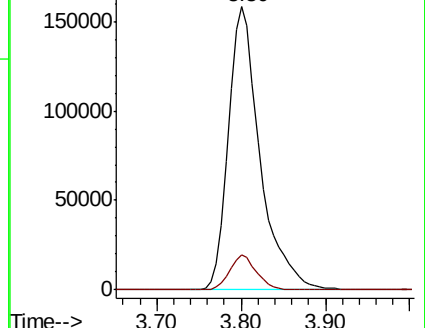
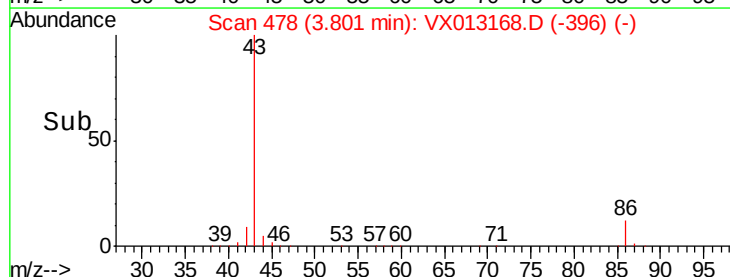
43 100

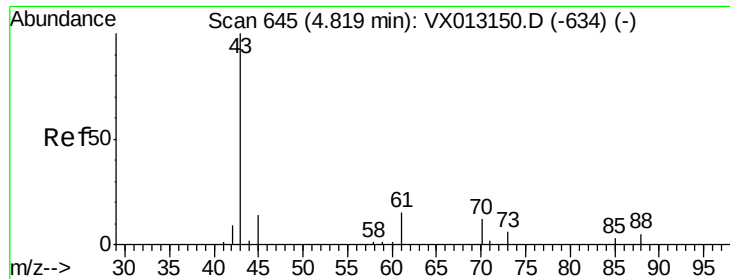
86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

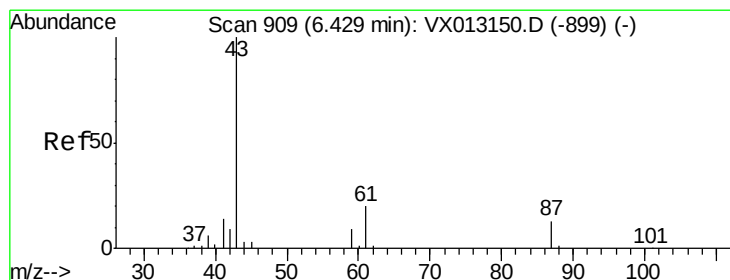
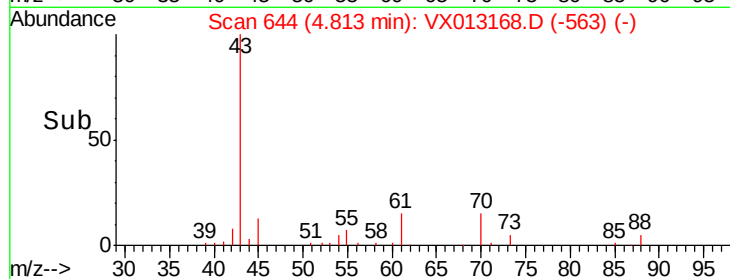
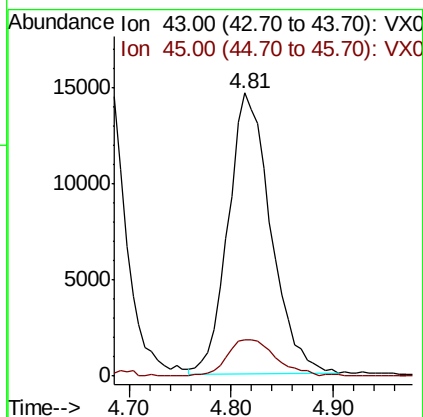
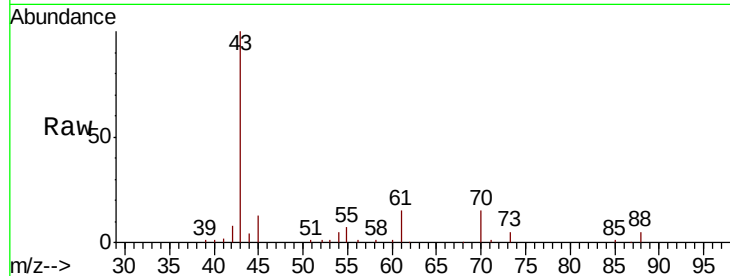




#43
Ethyl Acetate
Concen: 18.851 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

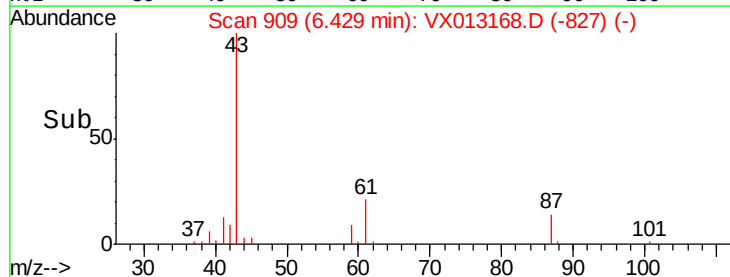
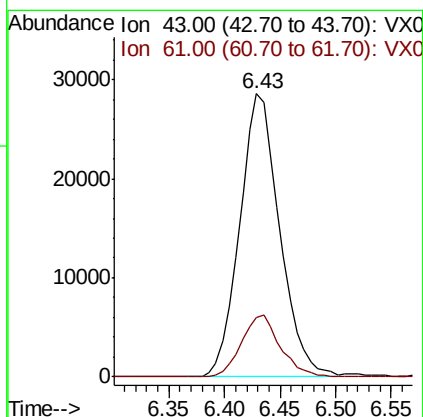
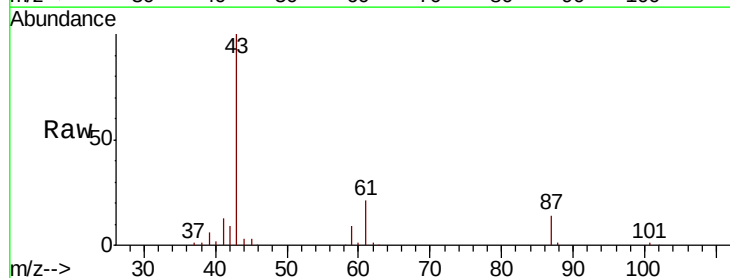
Instrument :
MSVOA_X
ClientSampleId :

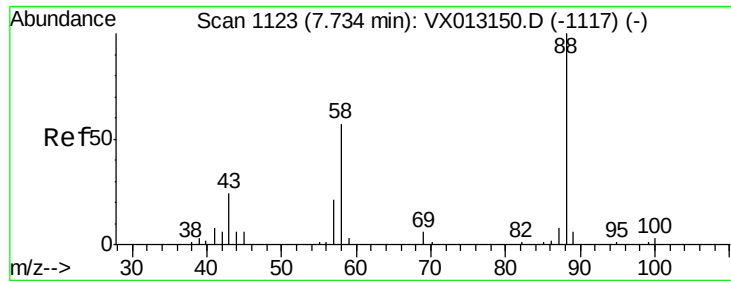
Tot Ion: 43 Resp: 42390
Ion Ratio Lower Upper
43 100
45 14.9 12.6 18.8



#44
Isopropyl Acetate
Concen: 18.835 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 43 Resp: 71181
Ion Ratio Lower Upper
43 100
61 21.3 16.8 25.2





#45

1,4-Dioxane

Concen: 372.436 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

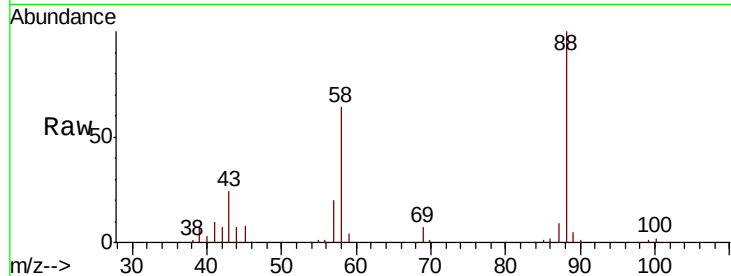
Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 17800

Ion	Ratio	Lower	Upper
88	100		
43	24.3	24.0	36.0
58	68.2	52.8	79.2

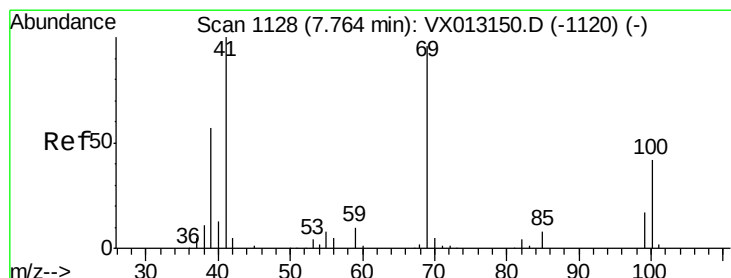
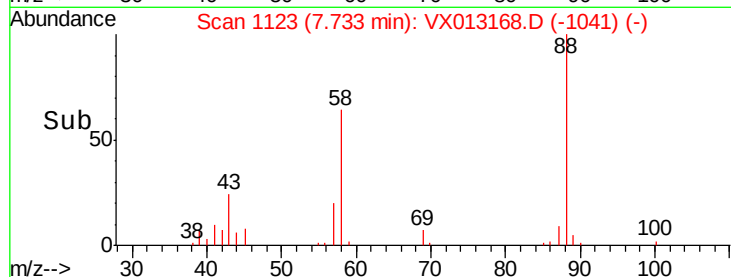
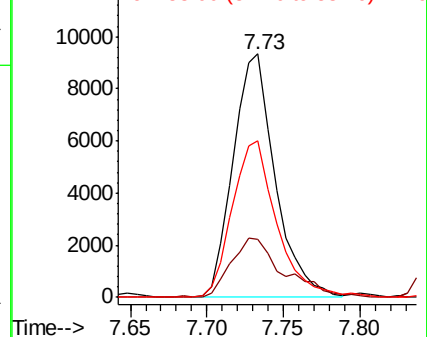


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.764 ug/l

RT: 7.76 min Scan# 1128

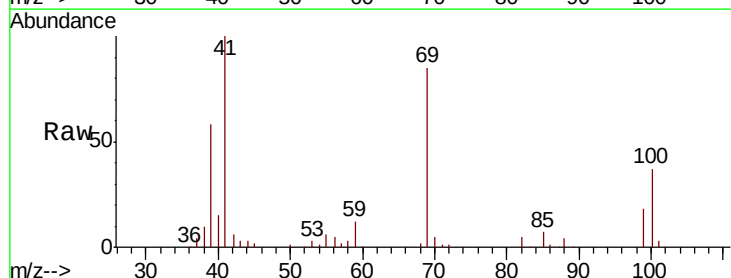
Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion: 41 Resp: 34894

Ion	Ratio	Lower	Upper
41	100		
69	85.1	47.8	143.3
39	57.9	28.5	85.5

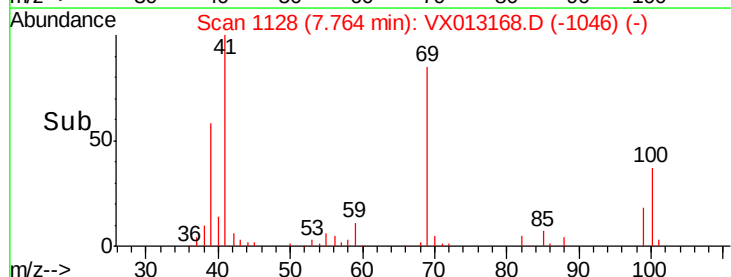
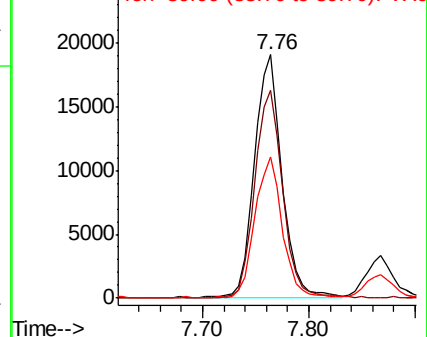


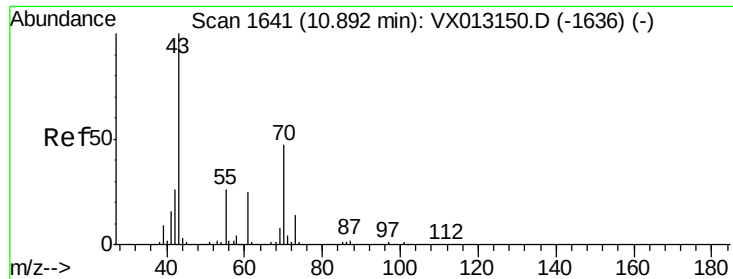
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.320 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

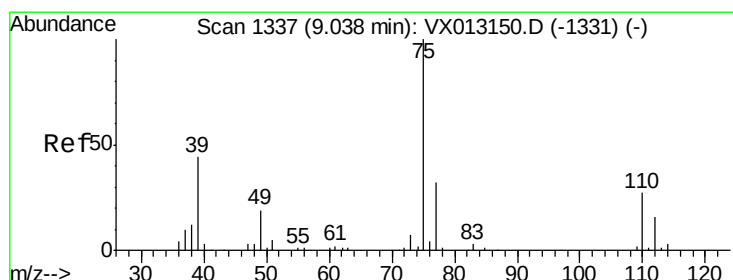
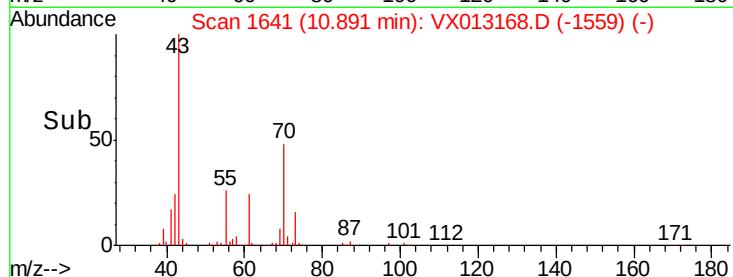
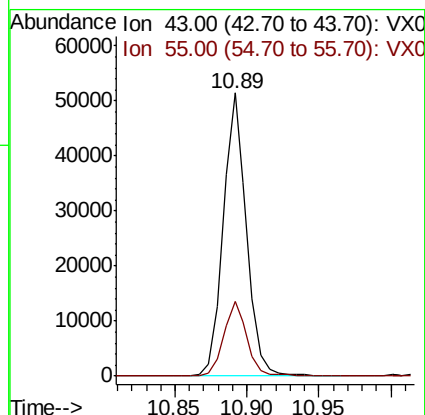
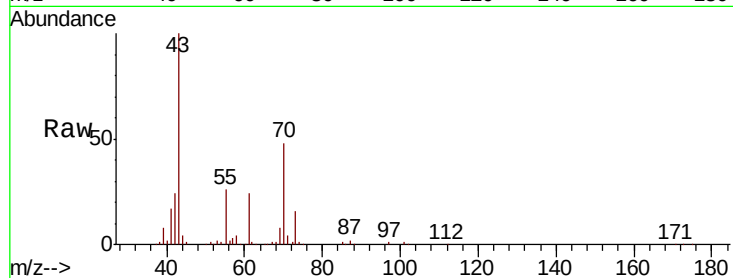
ClientSampleId :

Tot Ion: 43 Resp: 58361

Ion Ratio Lower Upper

43 100

55 26.5 20.9 31.3



#48

t-1,3-Dichloropropene

Concen: 18.195 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013168.D

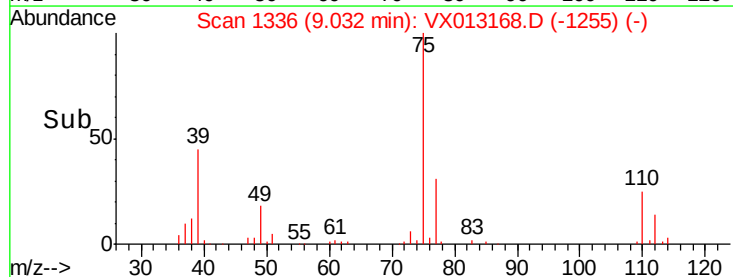
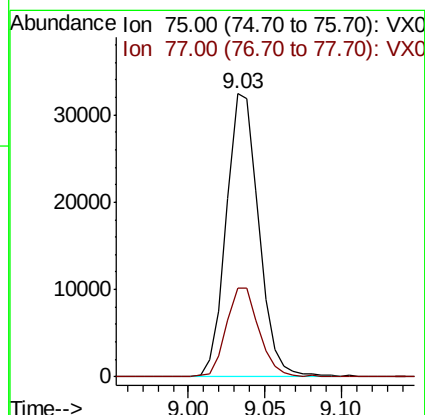
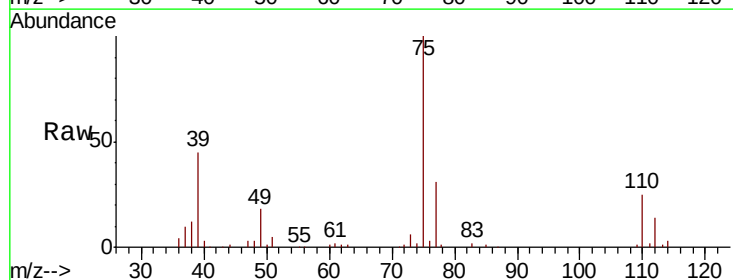
Acq: 22 Oct 2019 09:44

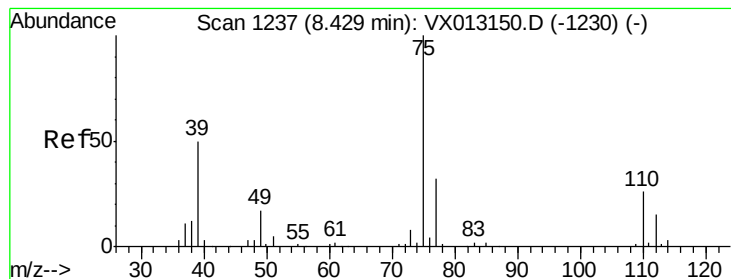
Tgt Ion: 75 Resp: 47741

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4



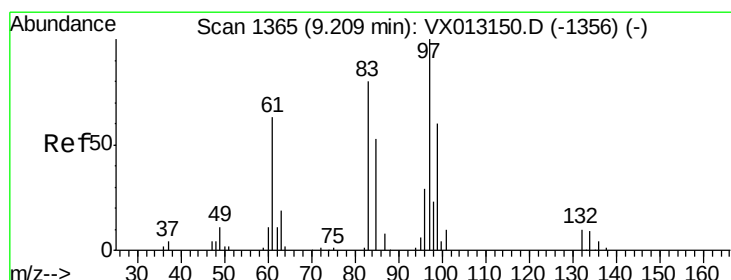
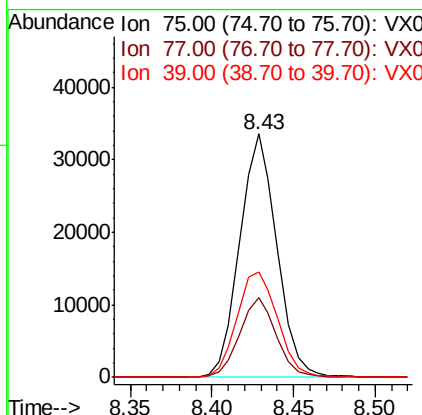
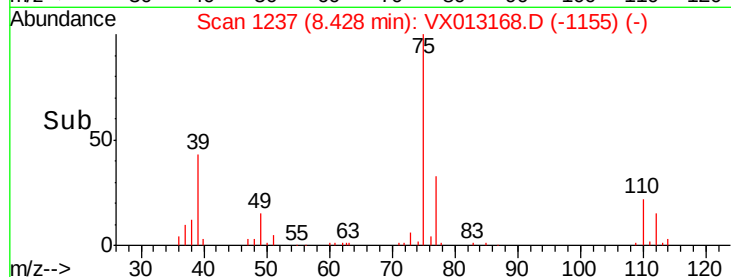
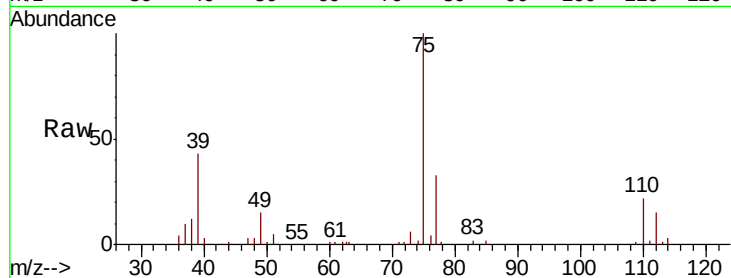


#49

cis-1,3-Dichloropropene
 Concen: 18.647 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :

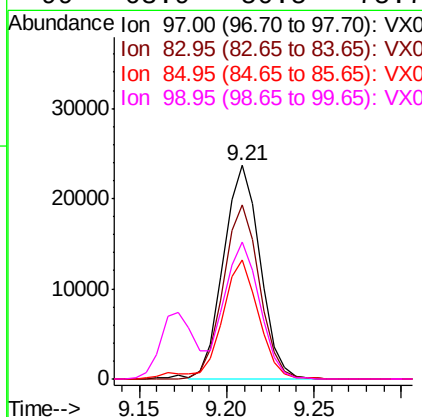
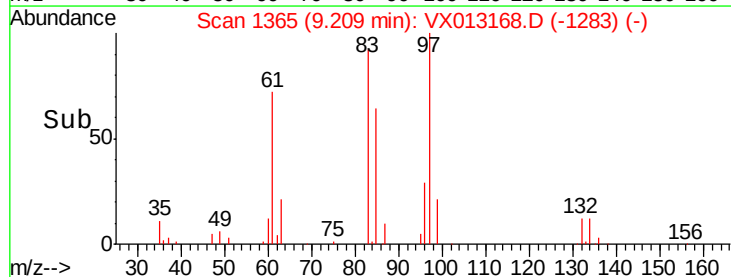
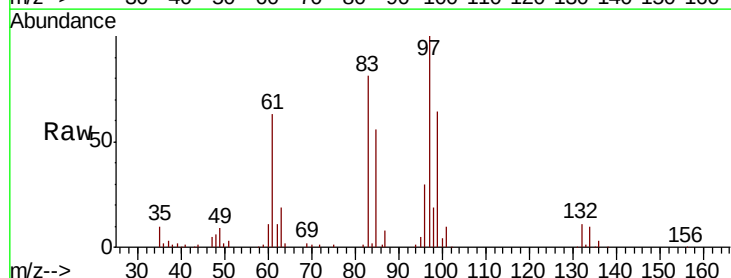
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.8	38.8
39	43.2	39.7	59.5

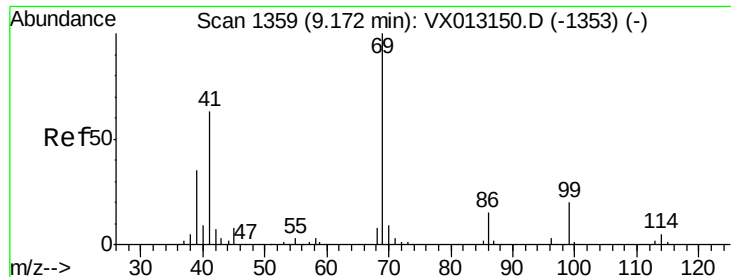


#50

1,1,2-Trichloroethane
 Concen: 19.705 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	64.2	96.4
85	55.6	42.7	64.1
99	63.9	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.615 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

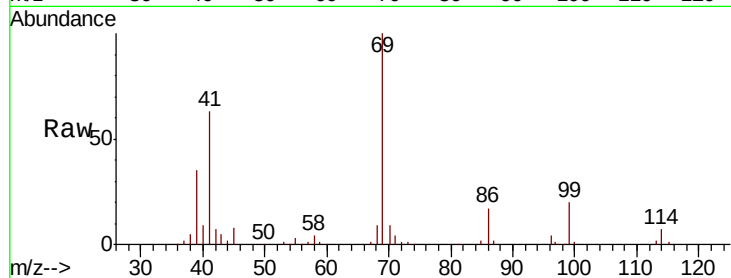
Tot Ion: 69 Resp: 51133

Ion Ratio Lower Upper

69 100

41 62.9 31.6 95.0

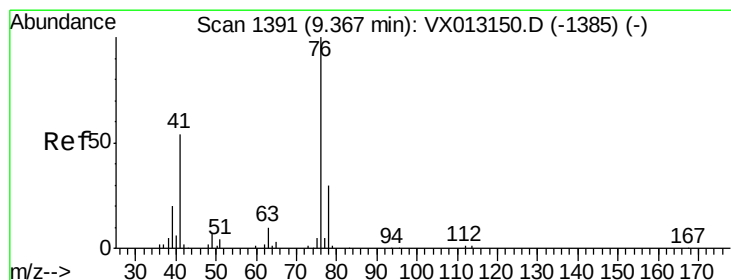
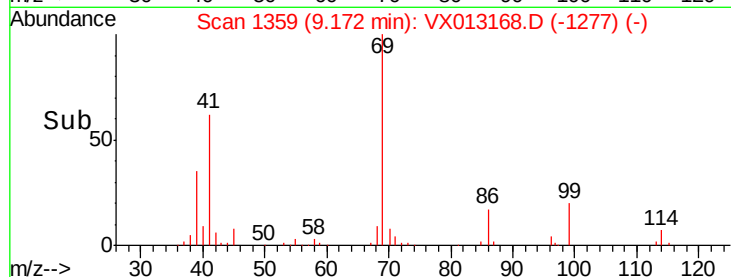
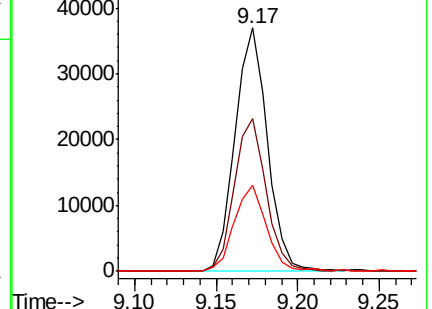
39 35.1 17.7 53.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.442 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013168.D

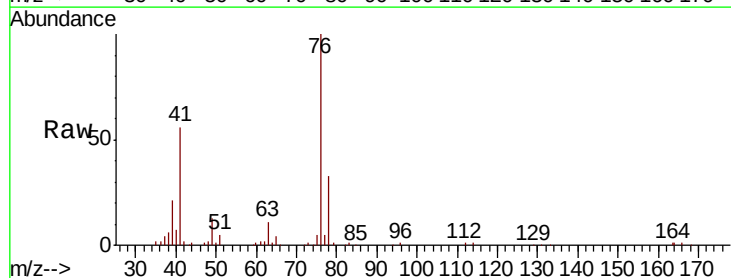
Acq: 22 Oct 2019 09:44

Tgt Ion: 76 Resp: 57358

Ion Ratio Lower Upper

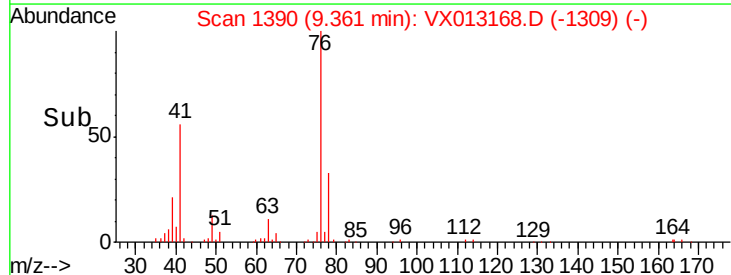
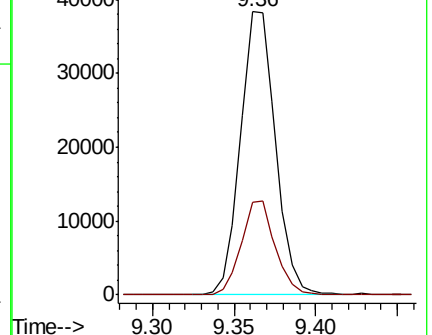
76 100

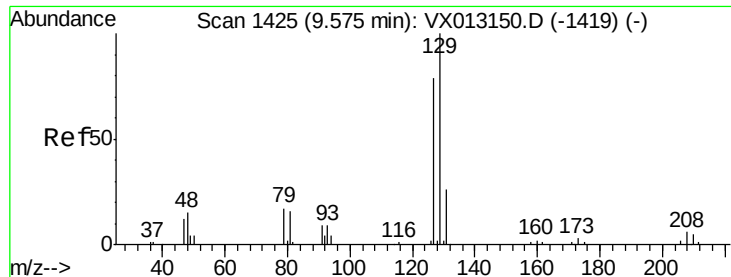
78 32.3 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

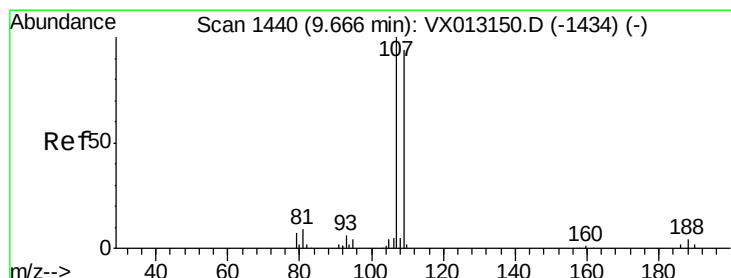
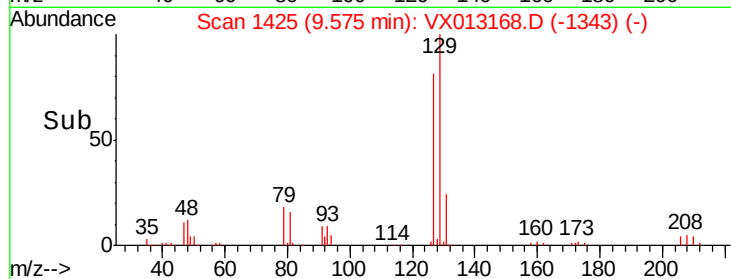
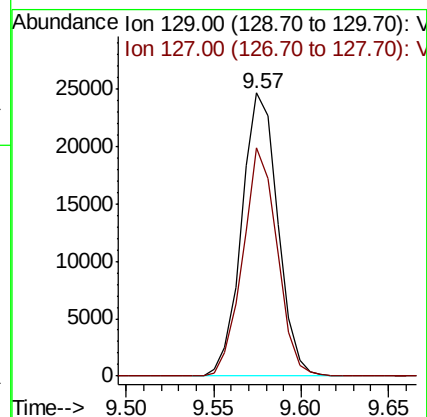
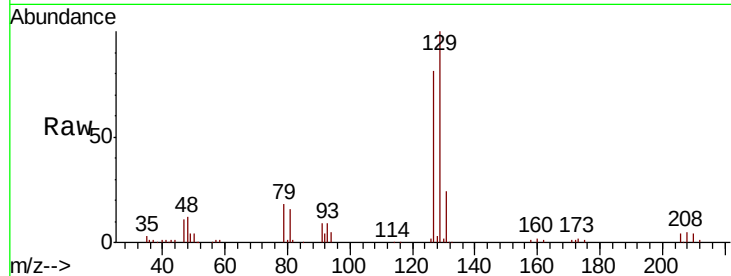




#53
 Dibromochloromethane
 Concen: 18.723 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

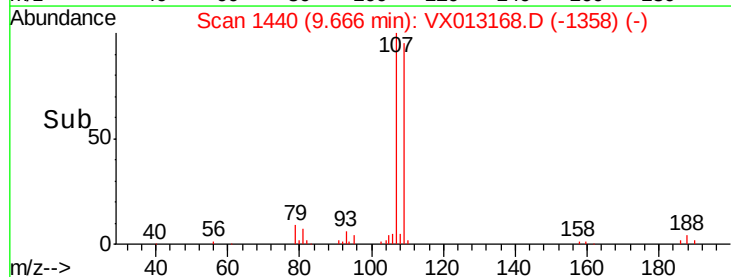
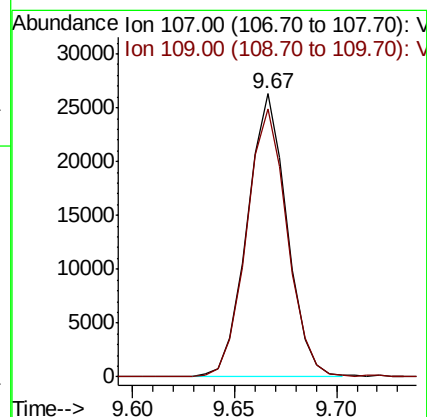
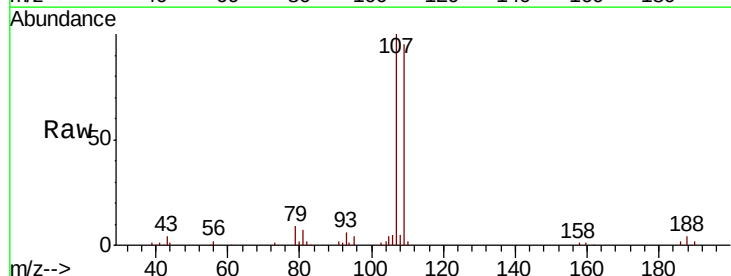
Instrument :
 MSVOA_X
 ClientSampled :

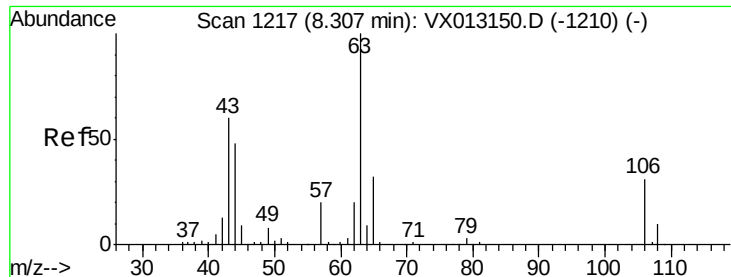
Tot Ion:129 Resp: 35381
 Ion Ratio Lower Upper
 129 100
 127 77.0 39.4 118.2



#54
 1,2-Dibromoethane
 Concen: 19.020 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion:107 Resp: 35626
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.4 113.0

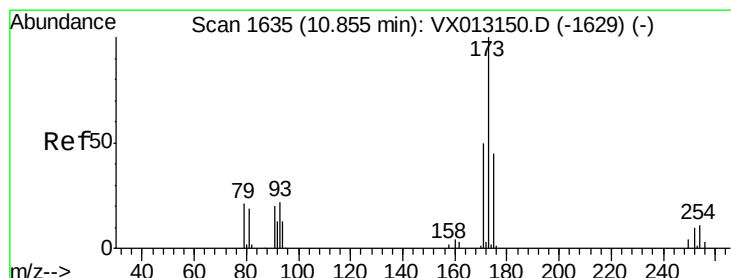
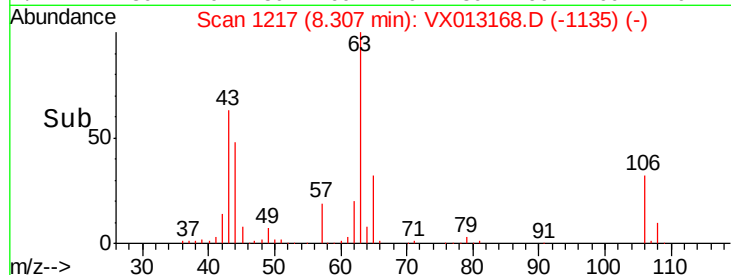
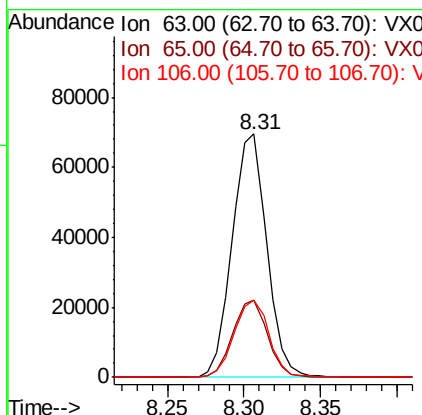
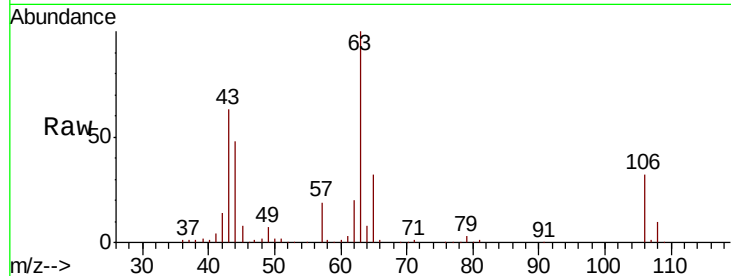




#55
2-Chloroethyl vinyl ether
Concen: 98.269 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

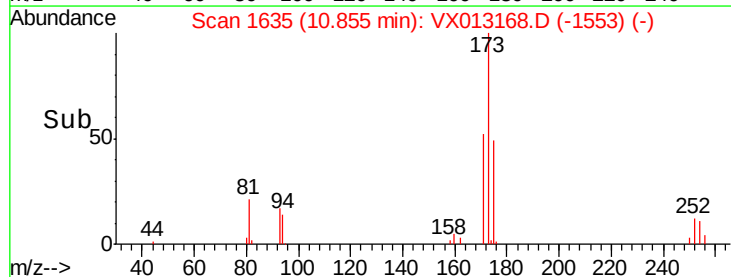
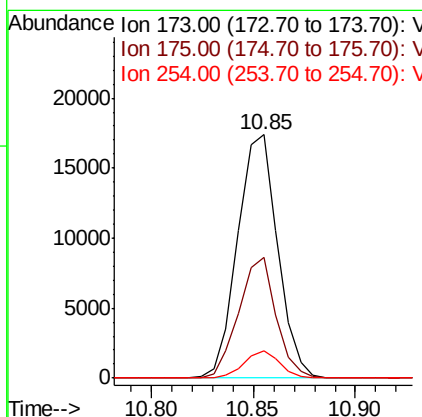
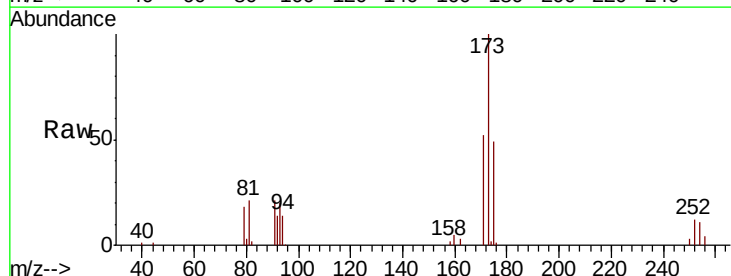
Instrument :
MSVOA_X
ClientSampleId :

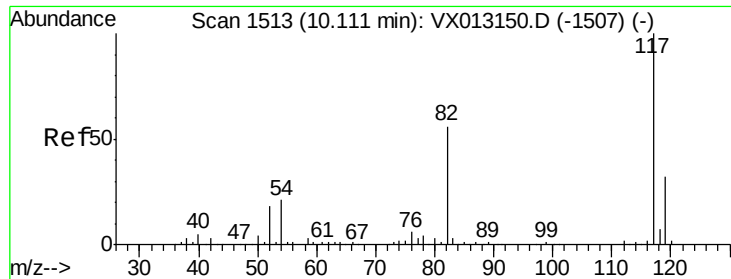
Tot Ion: 63 Resp: 109651
Ion Ratio Lower Upper
63 100
65 31.7 25.5 38.3
106 31.9 24.8 37.2



#56
Bromoform
Concen: 17.674 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 173 Resp: 23695
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.4
254 10.0 8.1 12.1

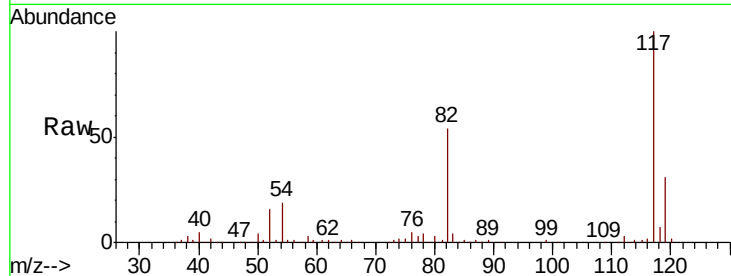




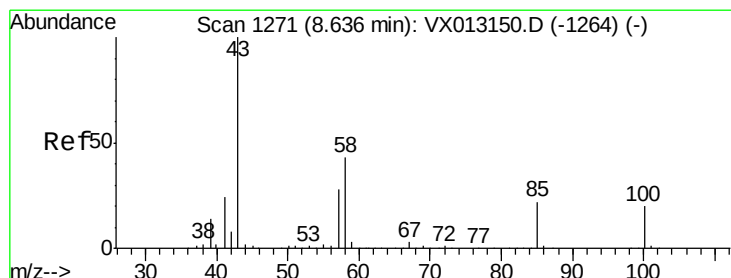
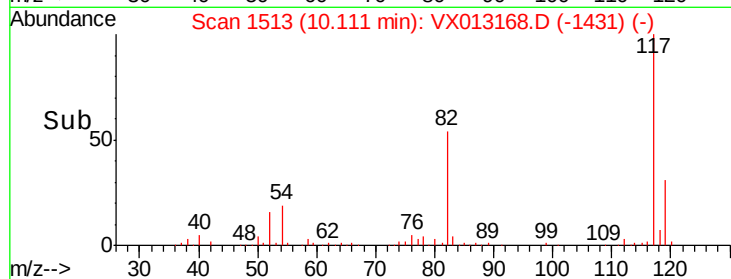
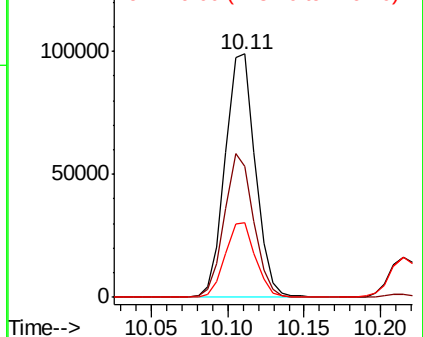
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 135931
Ion Ratio Lower Upper
117 100
82 57.1 46.0 69.0
119 30.7 25.4 38.0

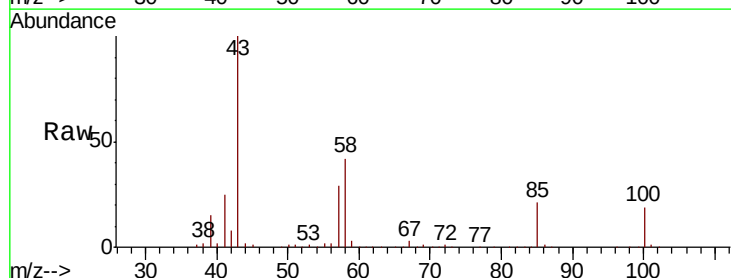


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

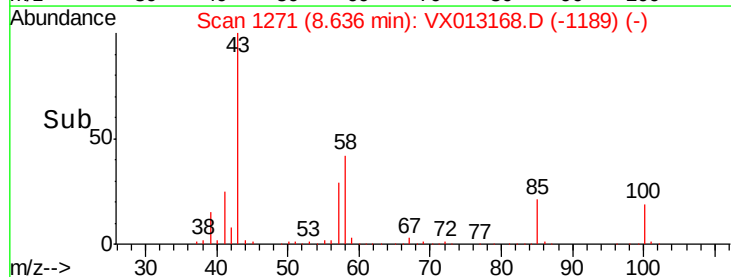
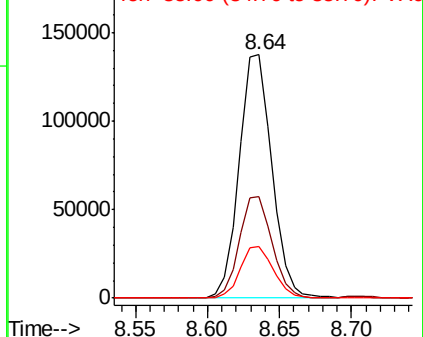


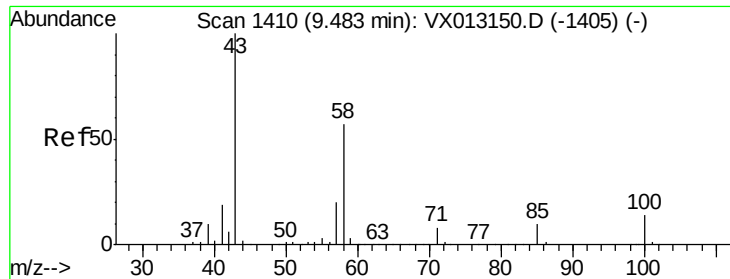
#58
4-Methyl-2-Pentanone
Concen: 94.822 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 43 Resp: 217188
Ion Ratio Lower Upper
43 100
58 41.9 33.8 50.8
85 21.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

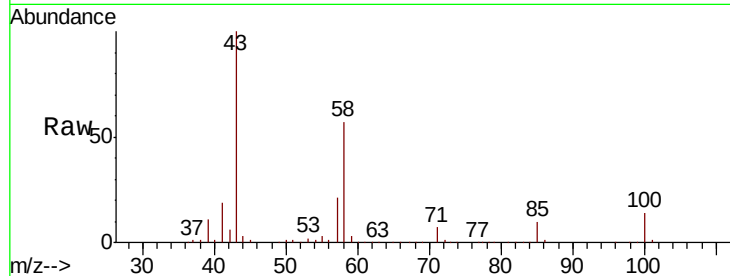




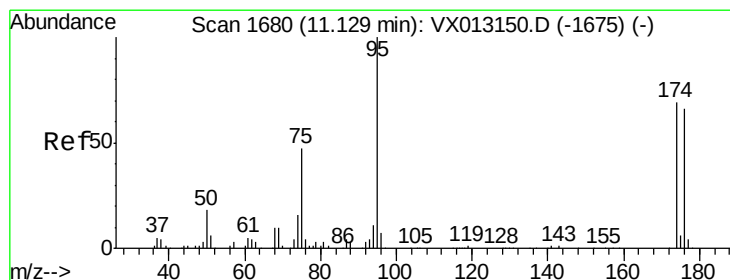
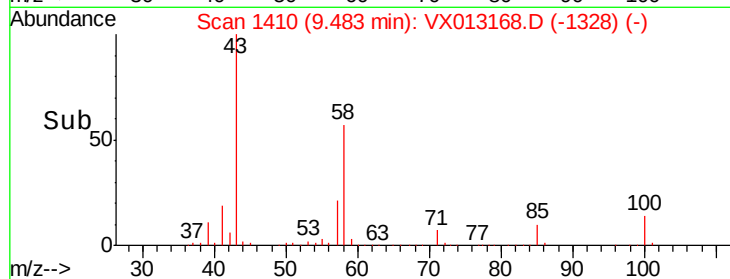
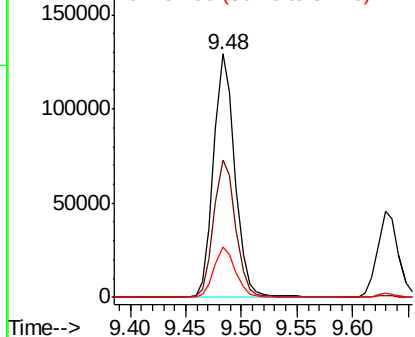
#59
2-Hexanone
Concen: 95.891 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 172133
Ion Ratio Lower Upper
43 100
58 57.8 46.6 69.8
57 20.9 16.9 25.3

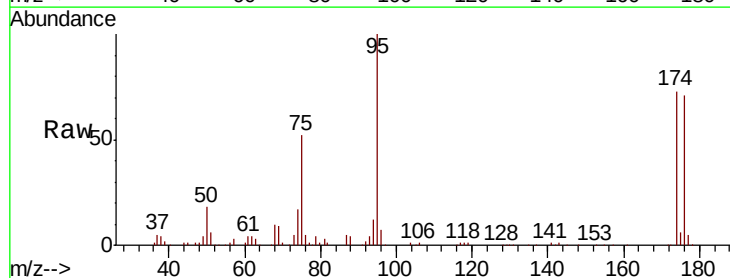


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

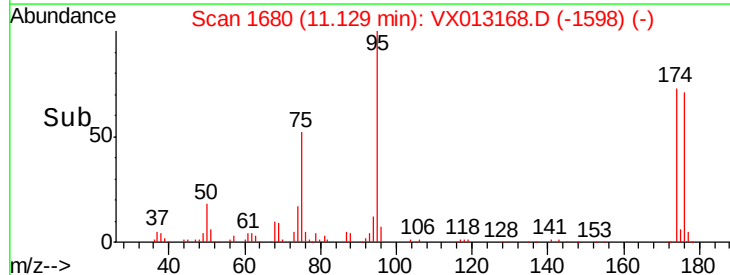
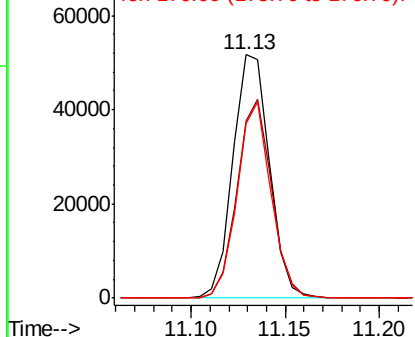


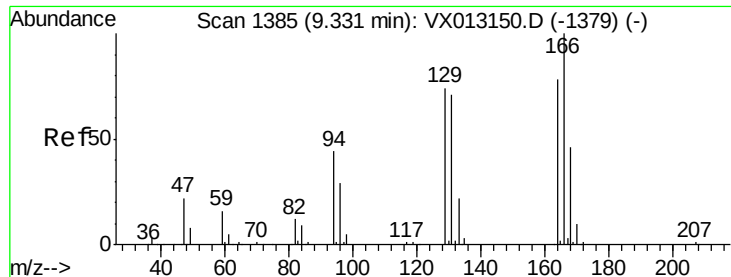
#60
4-Bromofluorobenzene
Concen: 29.452 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 95 Resp: 69713
Ion Ratio Lower Upper
95 100
174 77.3 60.0 90.0
176 74.4 58.5 87.7



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 20.870 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 37608

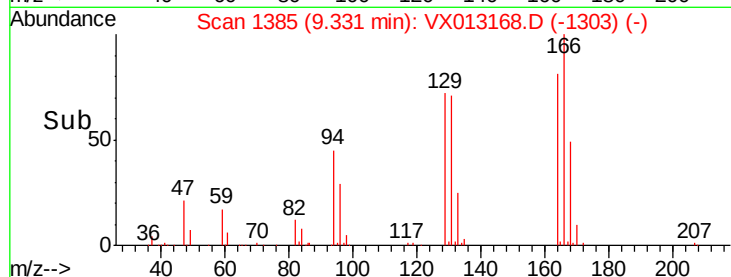
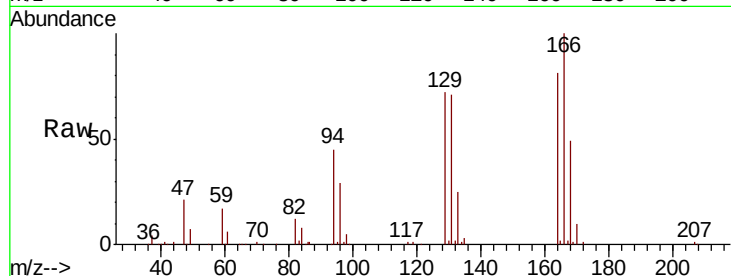
Ion Ratio Lower Upper

164 100

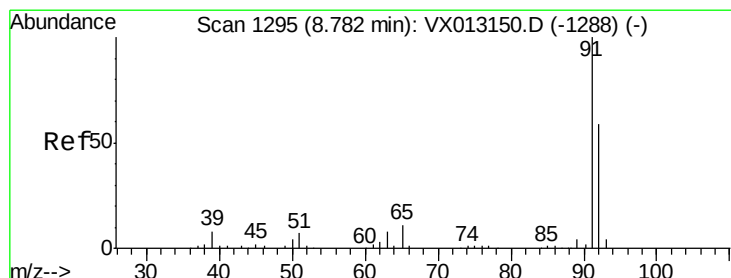
166 122.6 102.6 153.8

129 88.0 75.7 113.5

131 87.5 72.4 108.6



Time-->



#62

Toluene

Concen: 19.549 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013168.D

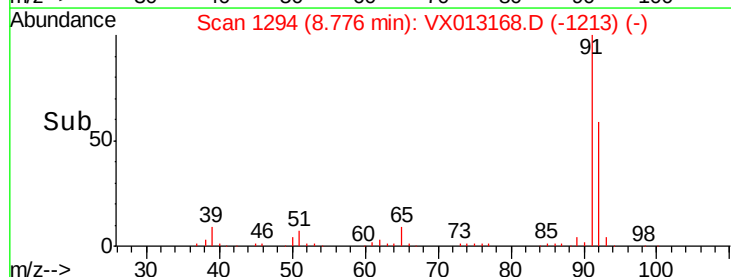
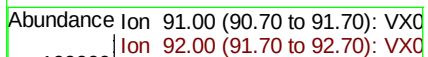
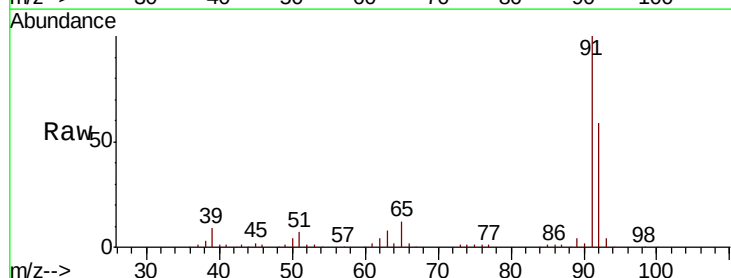
Acq: 22 Oct 2019 09:44

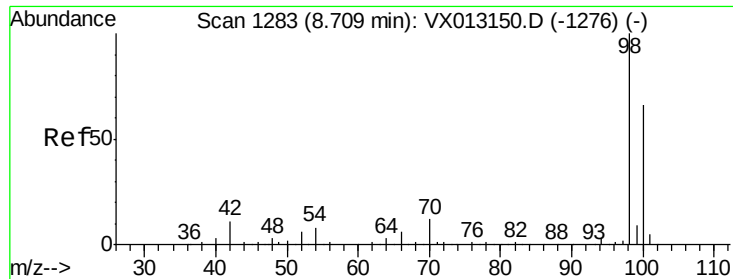
Tgt Ion: 91 Resp: 143450

Ion Ratio Lower Upper

91 100

92 59.1 47.7 71.5





#63

Toluene-d8

Concen: 30.570 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

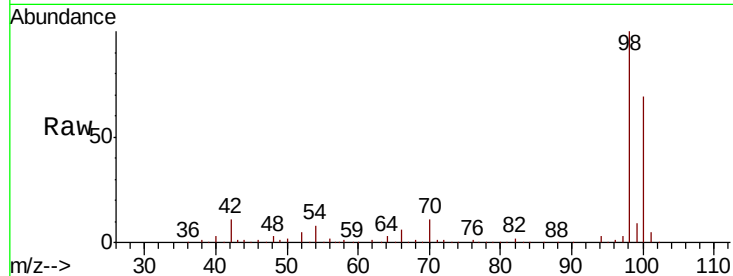
ClientSampled :

Tot Ion: 98 Resp: 184818

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX013150.D (-1276) (-)

Ion 100.00 (99.70 to 100.70): VX013168.D (-1201) (-)

8.71

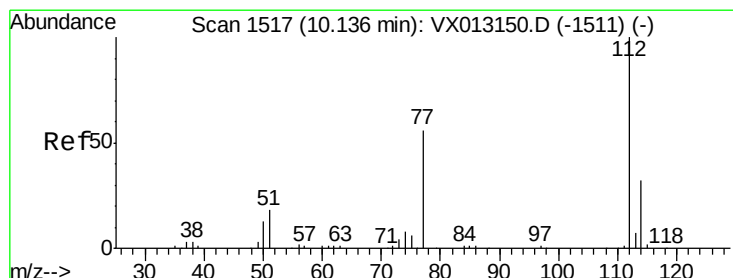
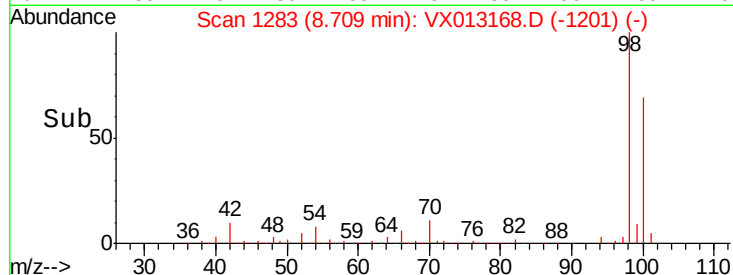
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 19.340 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013168.D

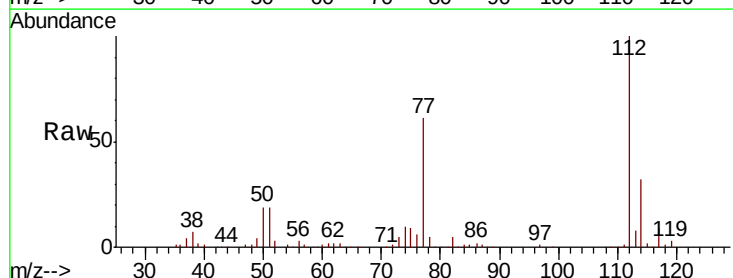
Acq: 22 Oct 2019 09:44

Tgt Ion: 112 Resp: 90996

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VX013150.D (-1511) (-)

Ion 114.00 (113.70 to 114.70): VX013168.D (-1435) (-)

10.13

60000

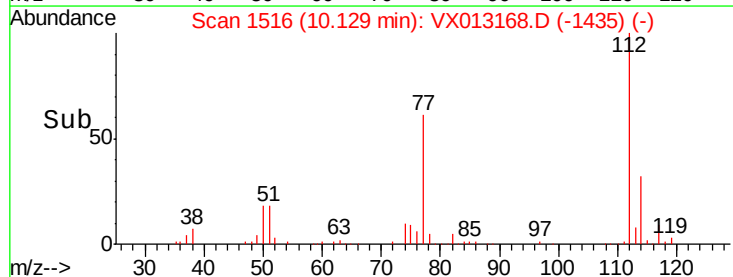
40000

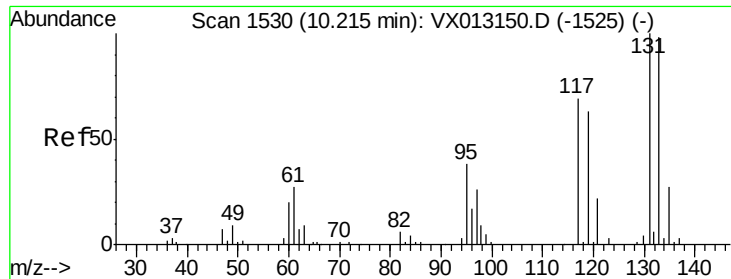
20000

0

10.10 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 18.904 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

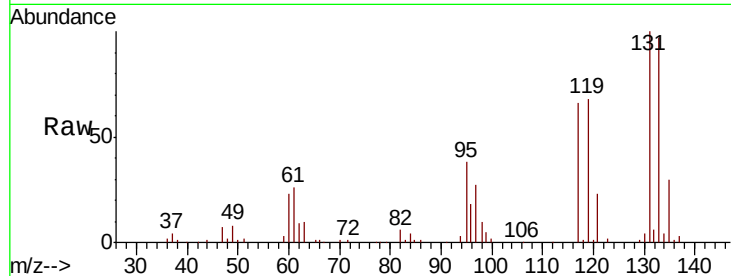
Tot Ion:131 Resp: 33318

Ion Ratio Lower Upper

131 100

133 96.2 0.0 191.0

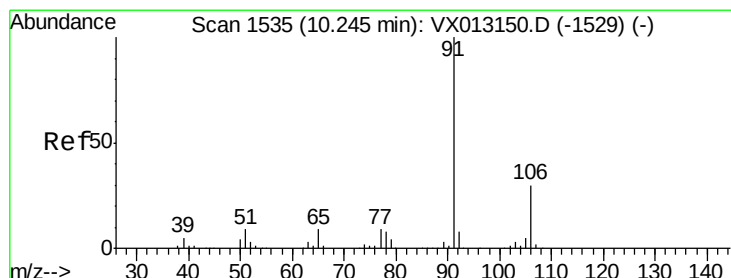
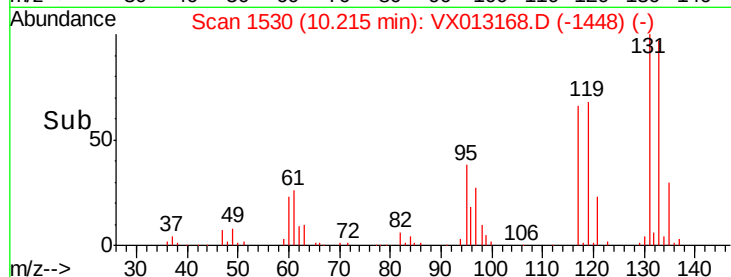
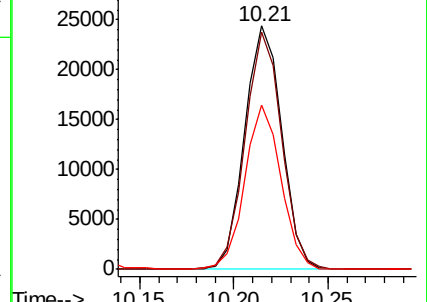
119 66.0 0.0 125.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.282 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013168.D

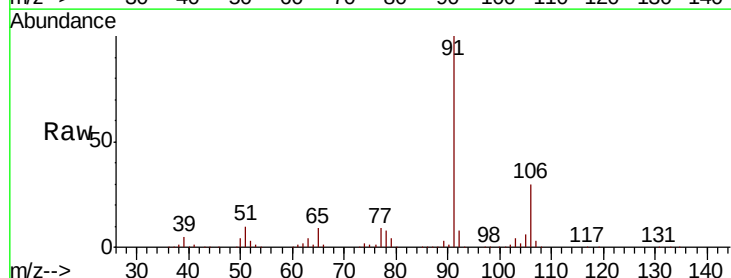
Acq: 22 Oct 2019 09:44

Tgt Ion: 91 Resp: 162844

Ion Ratio Lower Upper

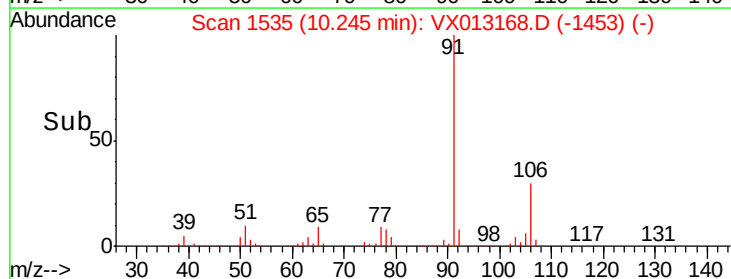
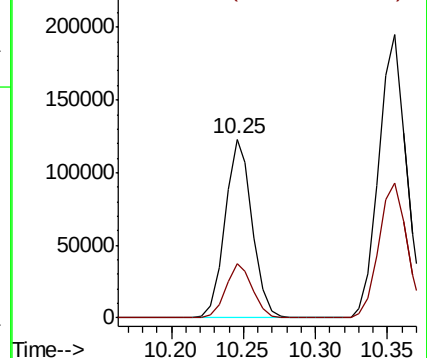
91 100

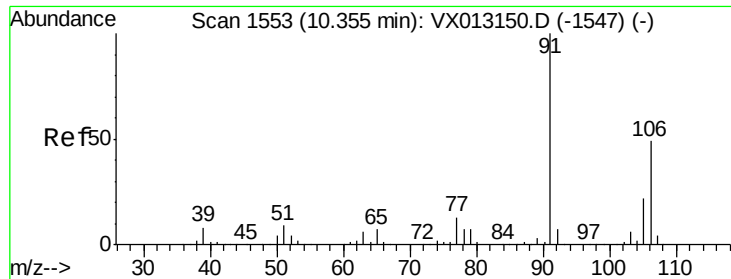
106 30.5 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

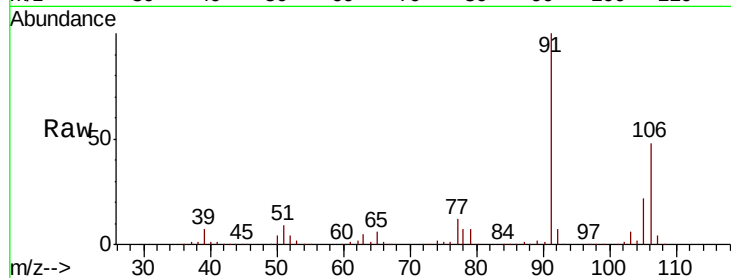




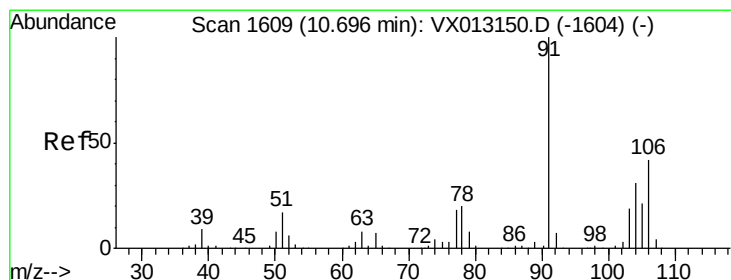
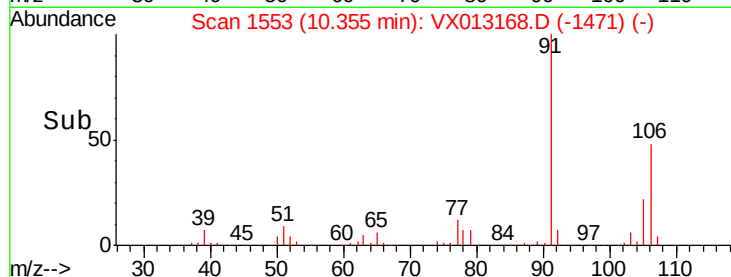
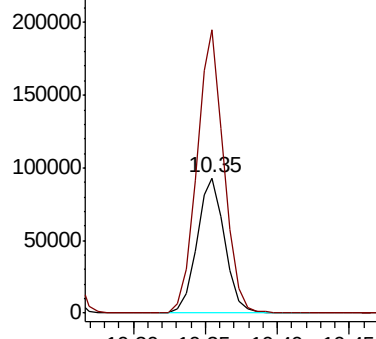
#67
m/p-Xylenes
Concen: 39.022 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 125254
Ion Ratio Lower Upper
106 100
91 204.7 163.7 245.5

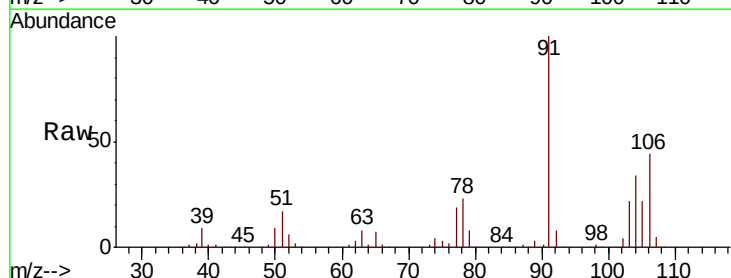


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

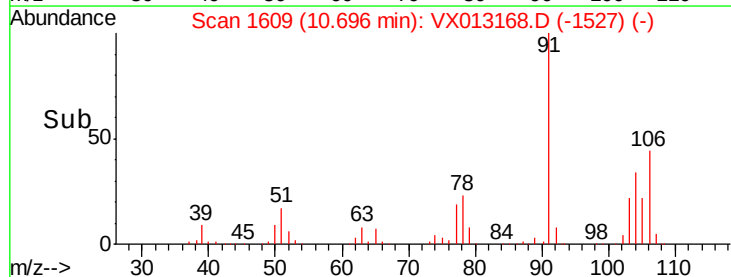
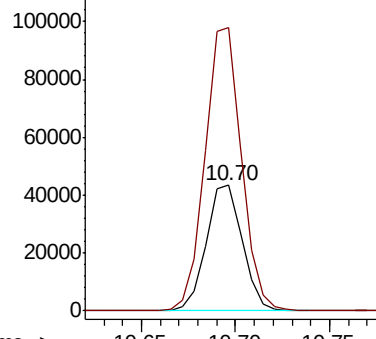


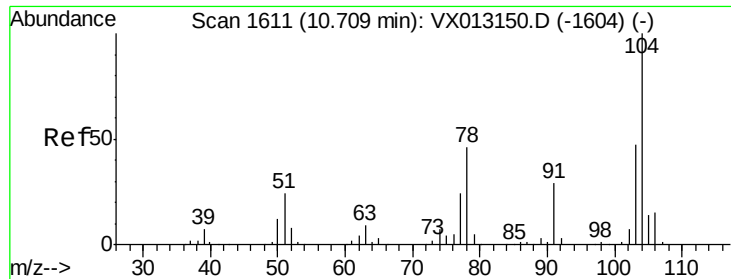
#68
o-Xylene
Concen: 18.907 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion:106 Resp: 57934
Ion Ratio Lower Upper
106 100
91 226.5 113.6 340.8



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

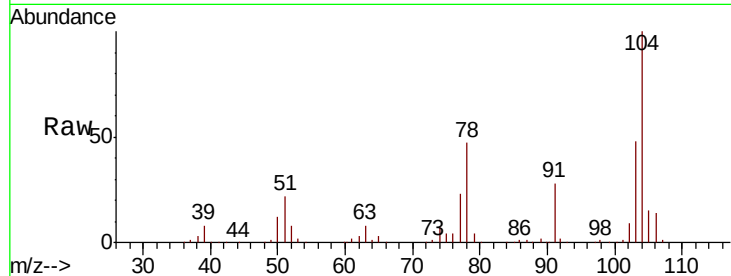




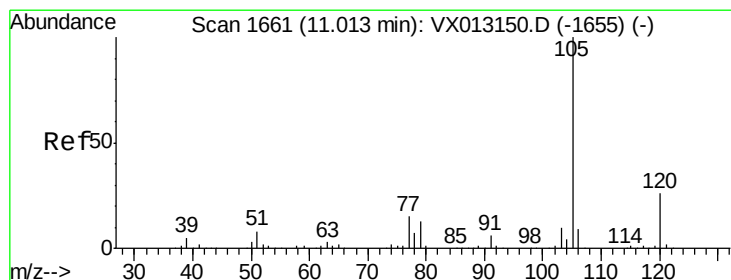
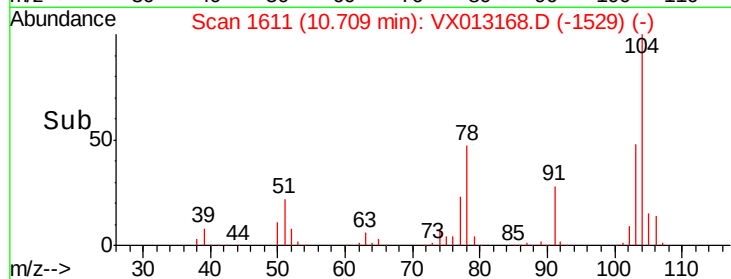
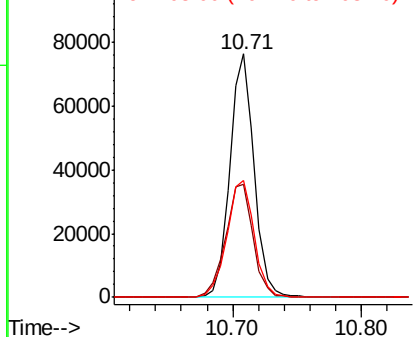
#69
Stvrene
Concen: 19.081 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 100614
Ion Ratio Lower Upper
104 100
78 52.7 42.3 63.5
103 54.3 42.2 63.2

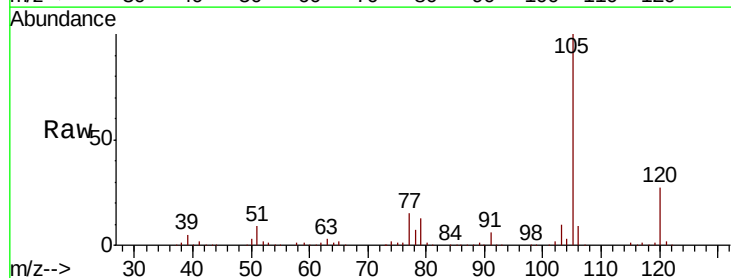


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

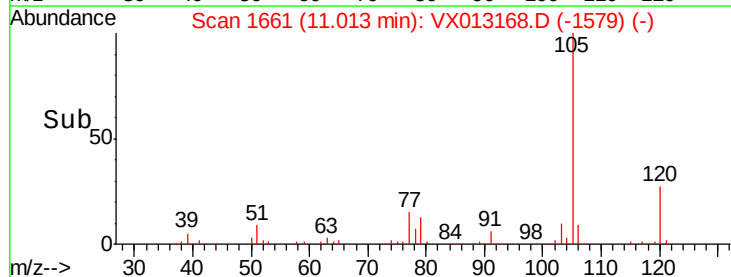
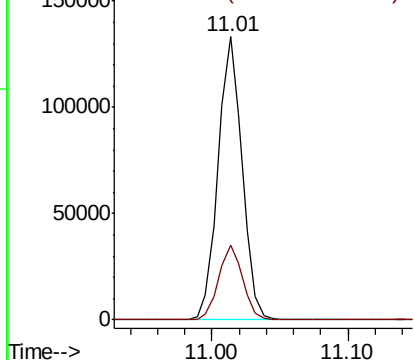


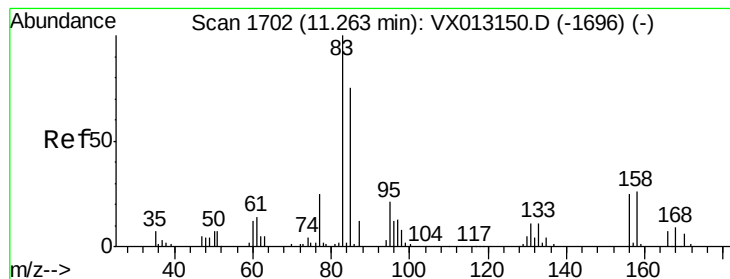
#70
Isopropylbenzene
Concen: 19.430 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion:105 Resp: 163366
Ion Ratio Lower Upper
105 100
120 26.6 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.762 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampled :

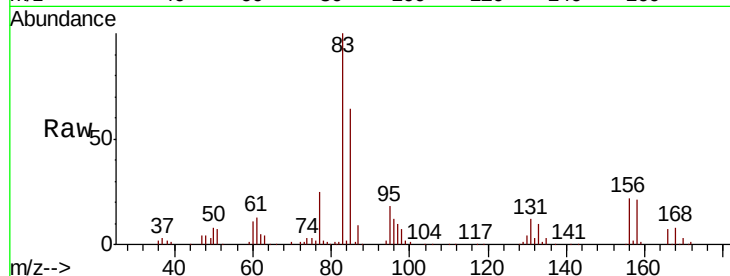
Tot Ion: 83 Resp: 48339

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.4

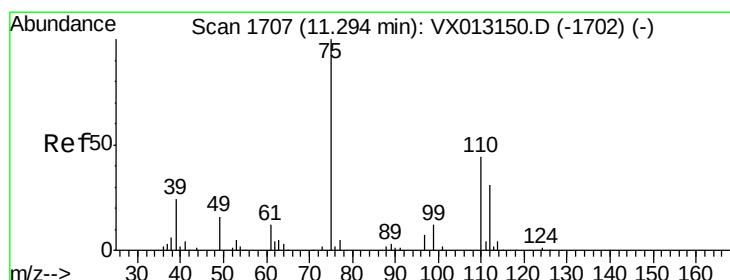
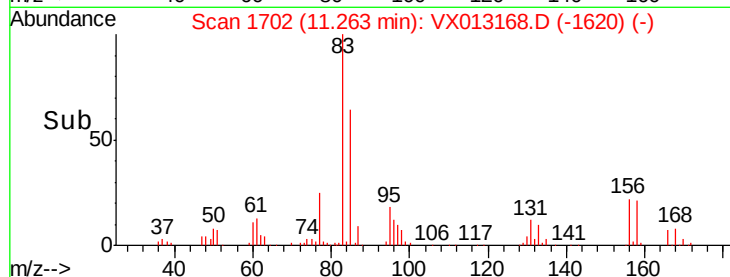
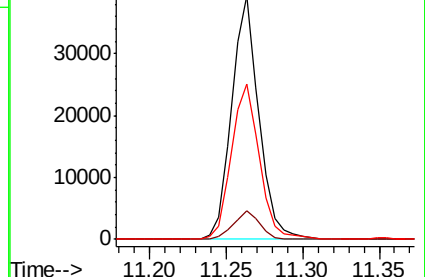
85 65.7 32.9 98.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.167 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013168.D

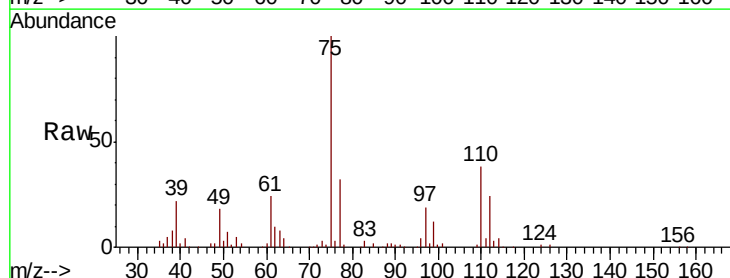
Acq: 22 Oct 2019 09:44

Tgt Ion: 75 Resp: 56317

Ion Ratio Lower Upper

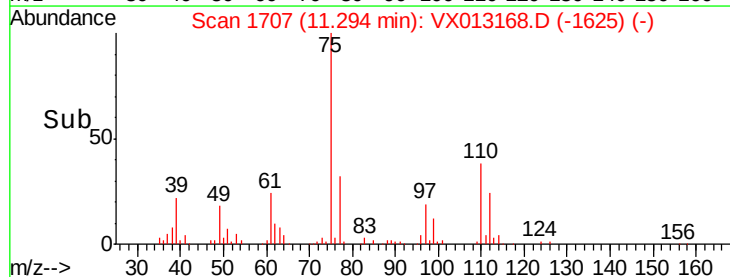
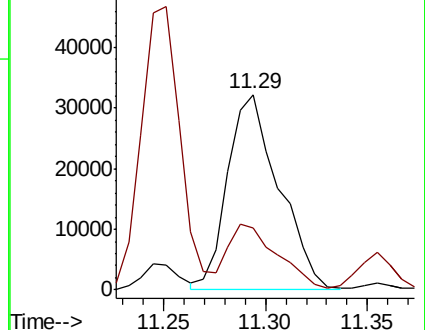
75 100

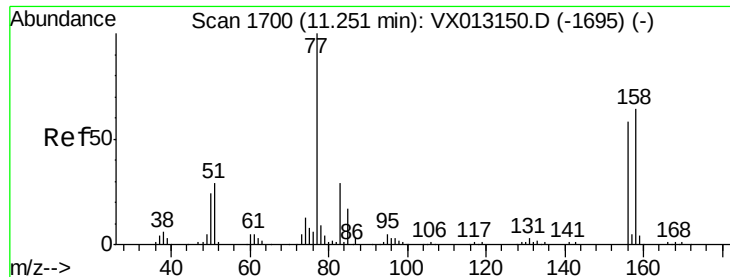
77 32.0 0.0 74.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.440 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

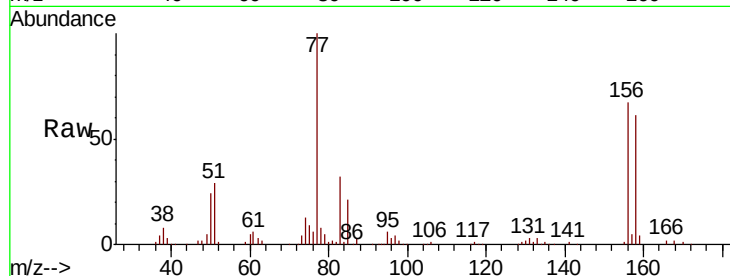
Tot Ion:156 Resp: 39226

Ion Ratio Lower Upper

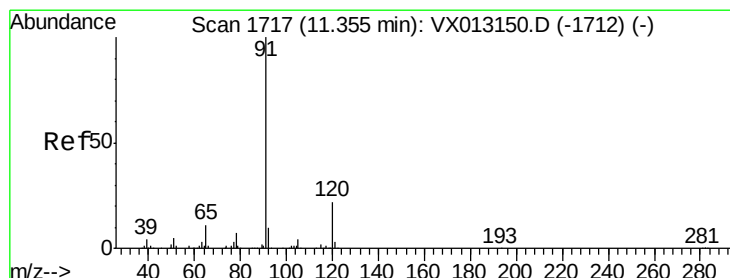
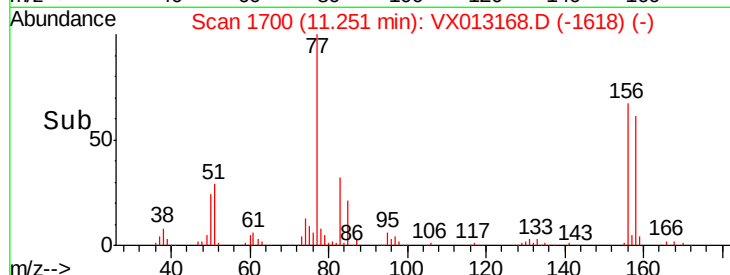
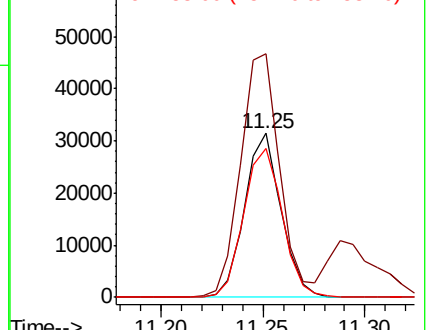
156 100

77 159.0 0.0 328.0

158 95.9 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.784 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013168.D

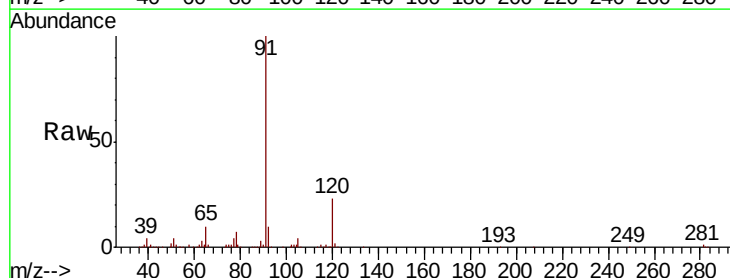
Acq: 22 Oct 2019 09:44

Tgt Ion: 91 Resp: 182580

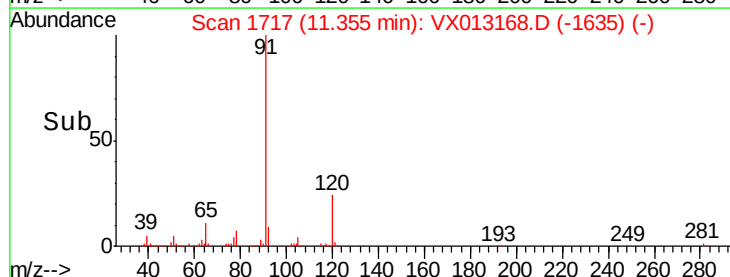
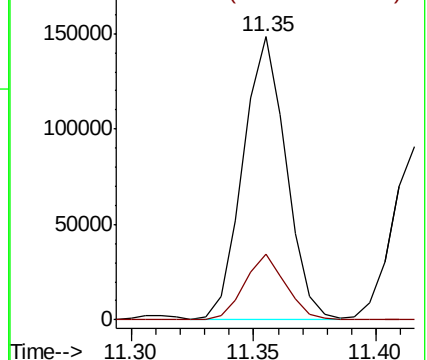
Ion Ratio Lower Upper

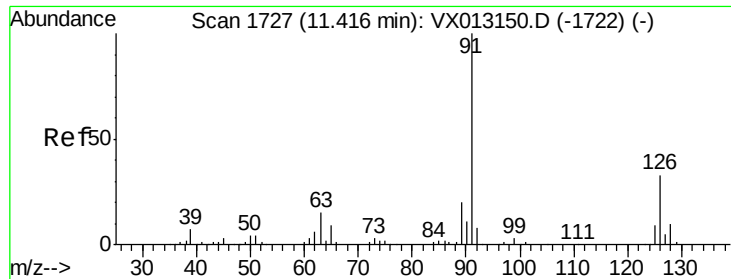
91 100

120 22.2 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.244 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

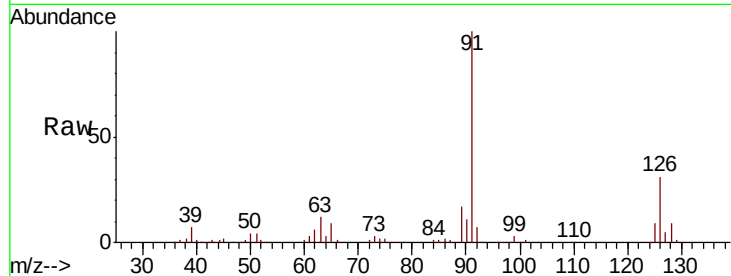
ClientSampleId :

Tot Ion: 91 Resp: 111127

Ion Ratio Lower Upper

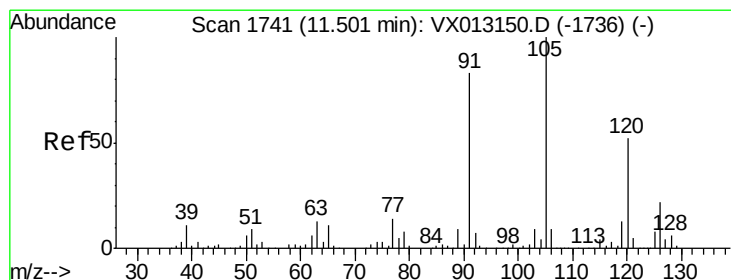
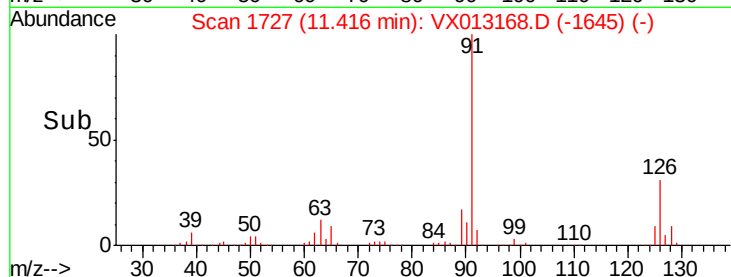
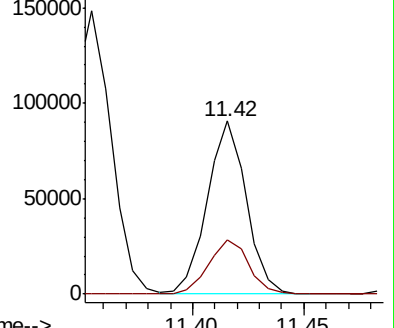
91 100

126 32.1 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.794 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013168.D

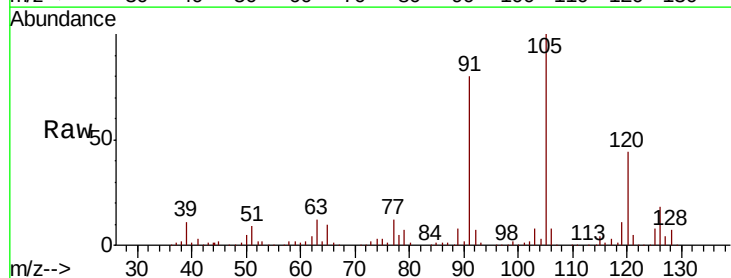
Acq: 22 Oct 2019 09:44

Tgt Ion:105 Resp: 132649

Ion Ratio Lower Upper

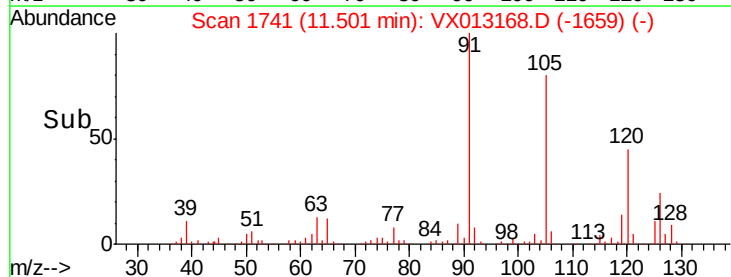
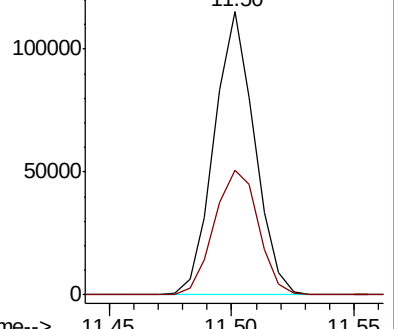
105 100

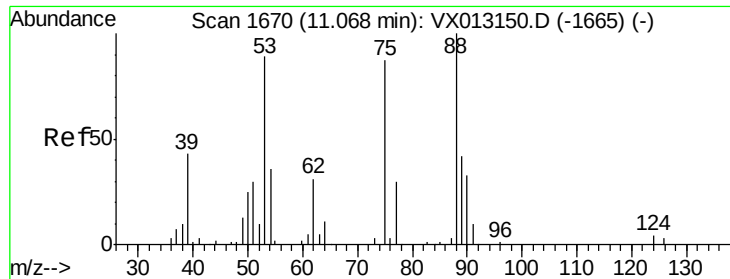
120 48.1 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.538 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

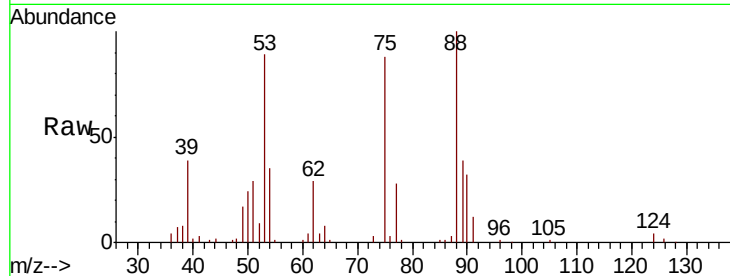
Tot Ion: 75 Resp: 15238

Ion Ratio Lower Upper

75 100

53 101.4 51.1 153.4

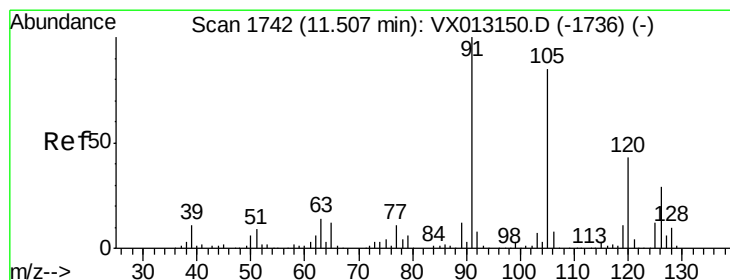
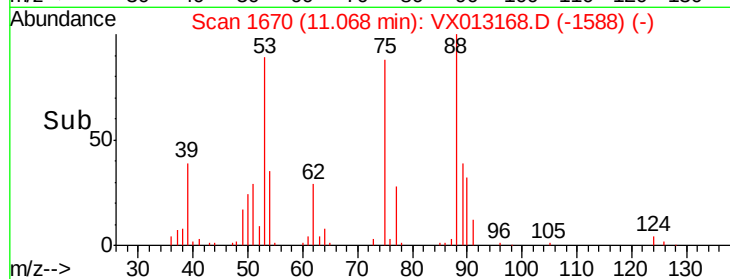
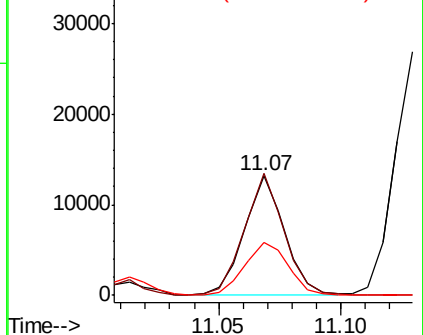
89 44.2 24.1 72.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.099 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013168.D

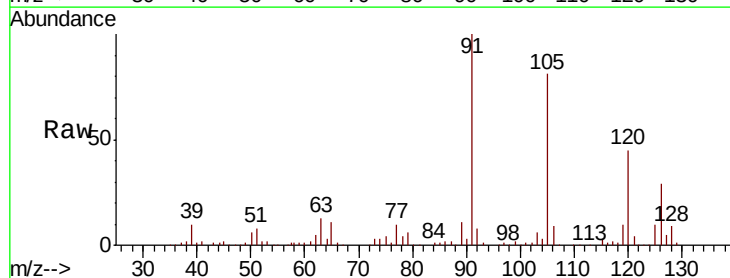
Acq: 22 Oct 2019 09:44

Tgt Ion: 91 Resp: 126021

Ion Ratio Lower Upper

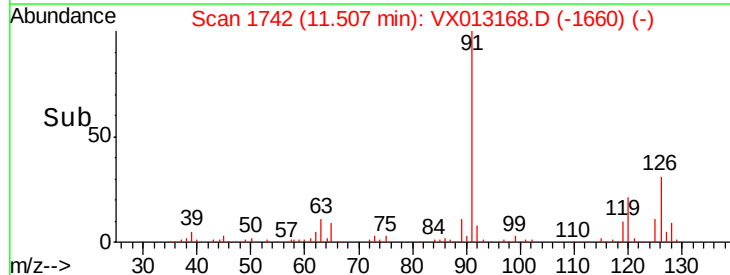
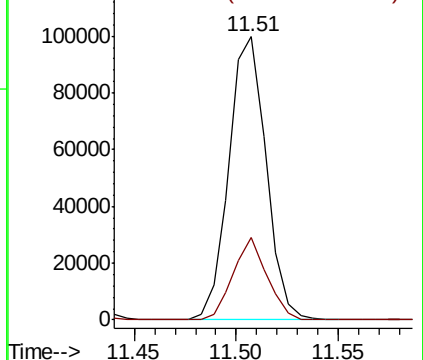
91 100

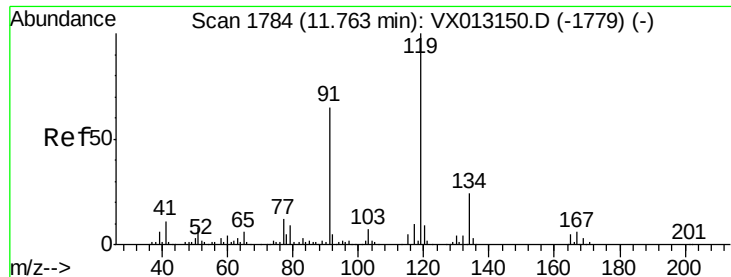
126 26.6 0.0 58.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

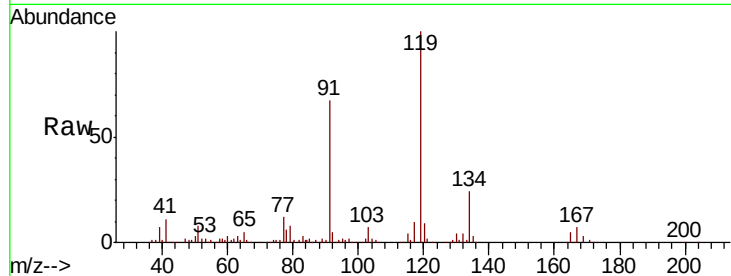




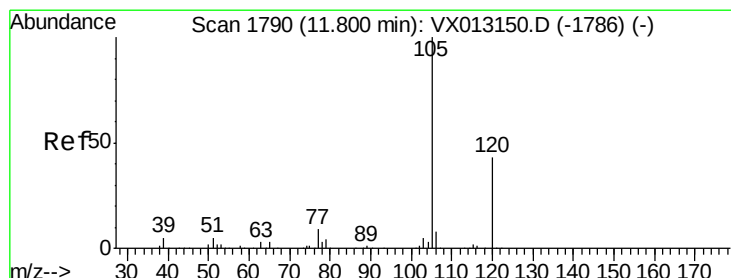
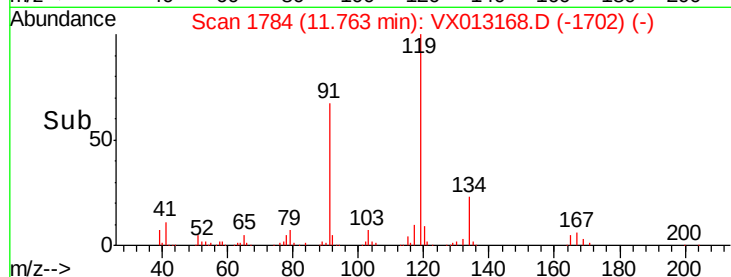
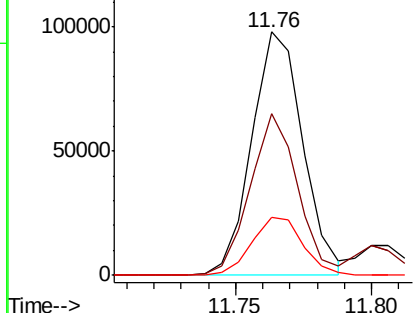
#79
tert-butylbenzene
Concen: 18.743 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 127378
Ion Ratio Lower Upper
119 100
91 62.2 0.0 128.4
134 23.9 0.0 49.0

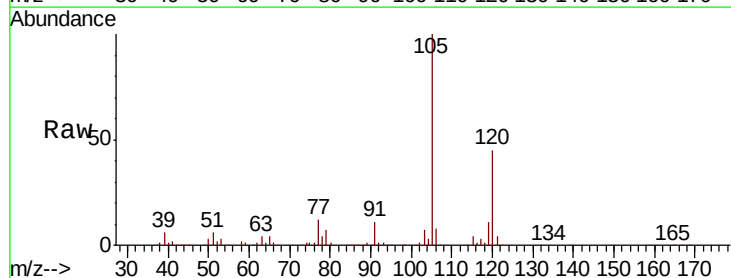


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

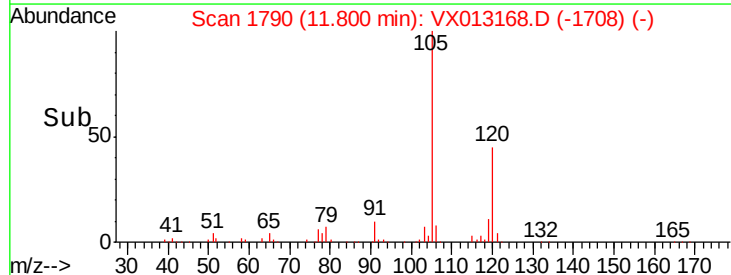
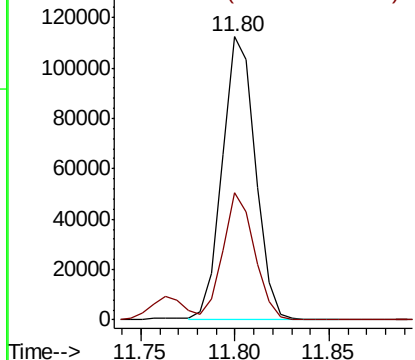


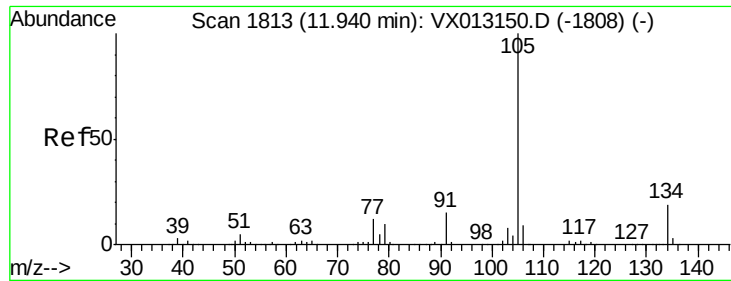
#80
1,2,4-Trimethylbenzene
Concen: 19.352 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion:105 Resp: 136449
Ion Ratio Lower Upper
105 100
120 43.0 0.0 87.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

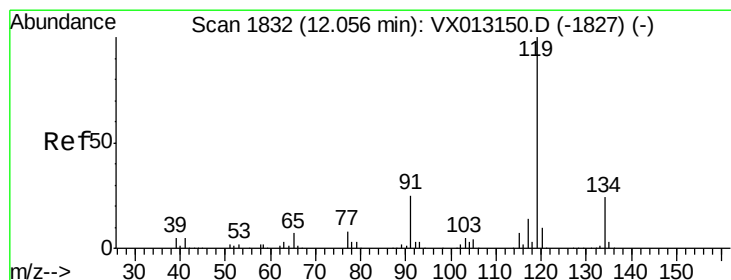
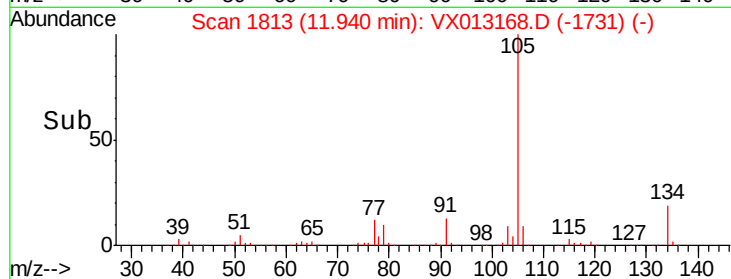
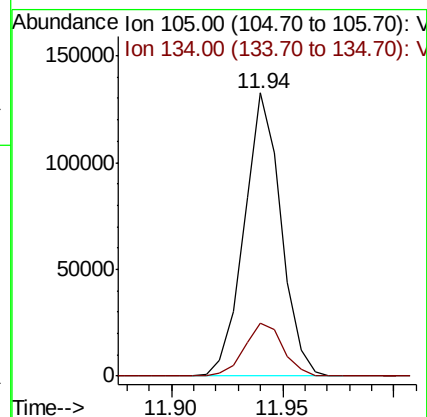
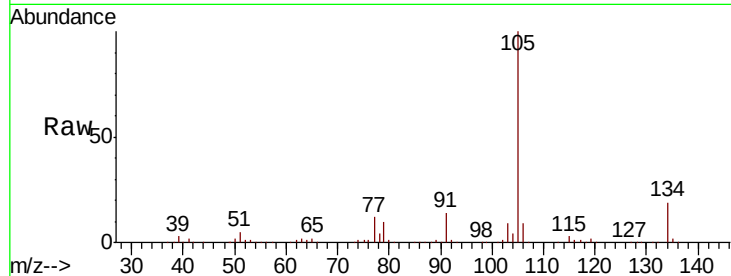




#81
 sec-Butylbenzene
 Concen: 18.818 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

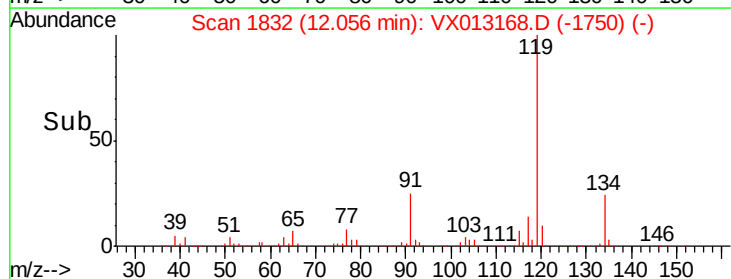
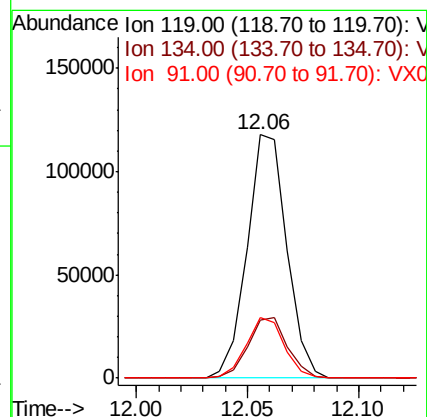
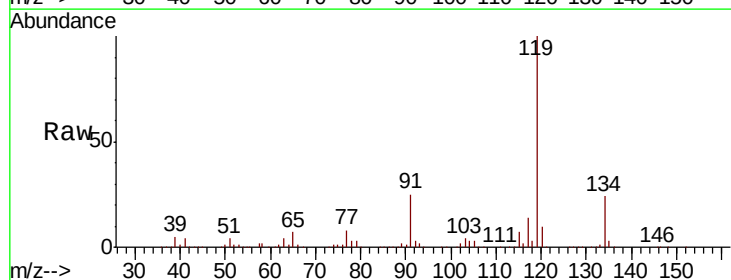
Instrument :
 MSVOA_X
 ClientSampleId :

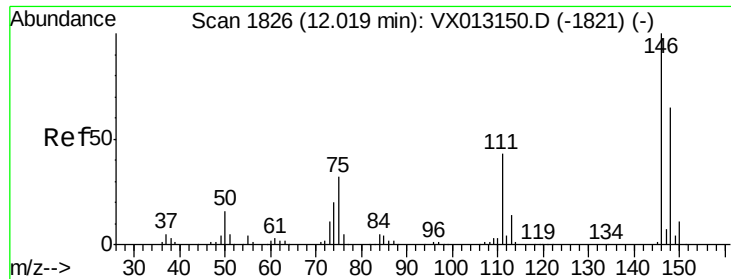
Tot Ion:105 Resp: 152354
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 19.842 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion:119 Resp: 146883
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 51.6
 91 24.0 0.0 50.0

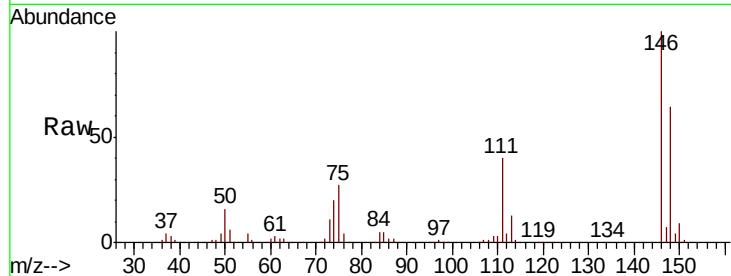




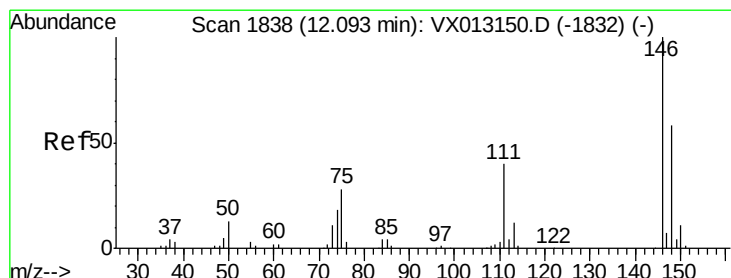
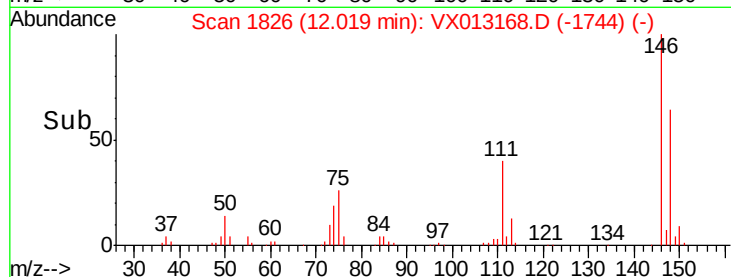
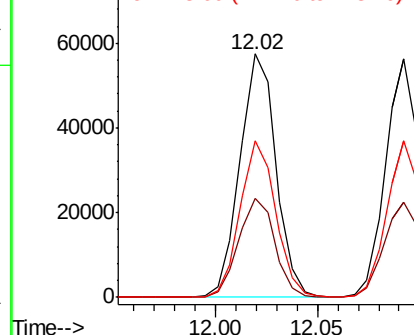
#83
 1,3-Dichlorobenzene
 Concen: 19.089 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 70341
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.8 65.4
 148 63.4 31.2 93.6

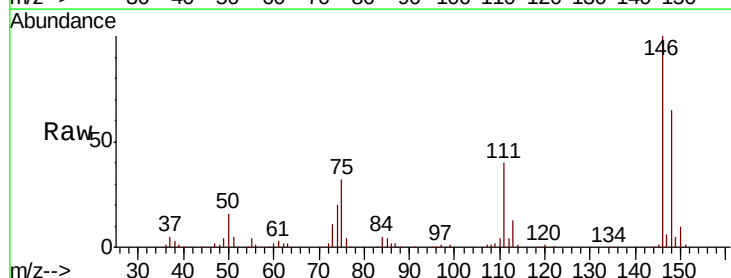


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

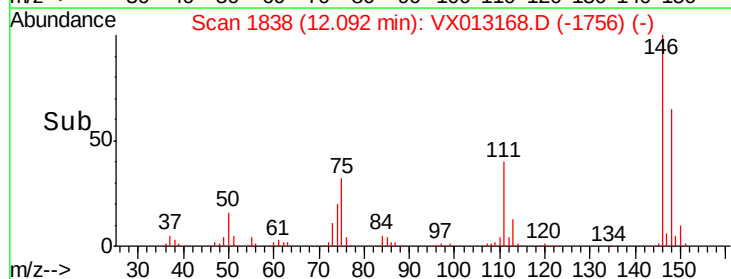
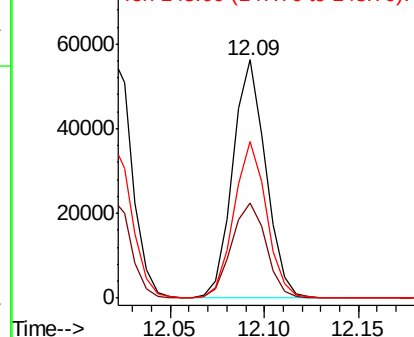


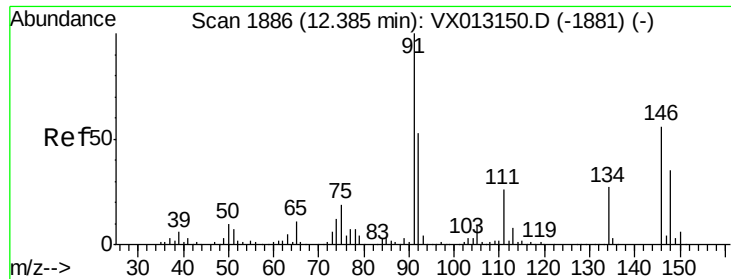
#84
 1,4-Dichlorobenzene
 Concen: 18.766 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion:146 Resp: 68389
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.3 60.9
 148 64.8 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

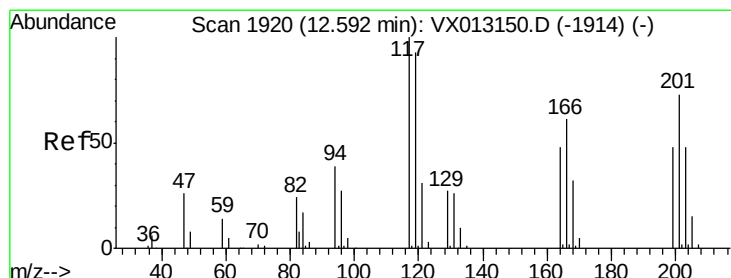
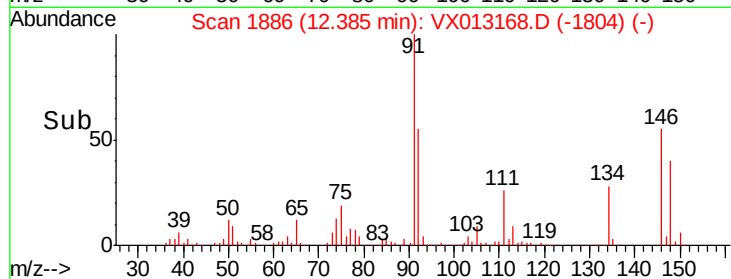
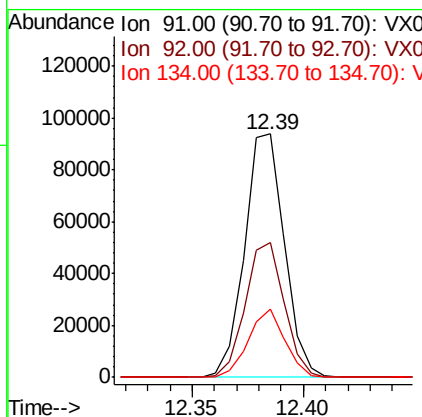
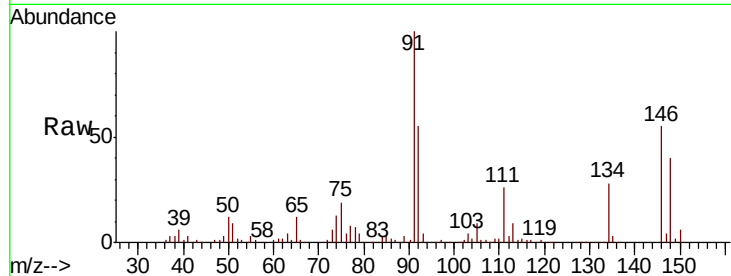




#85
n-Butylbenzene
Concen: 18.688 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

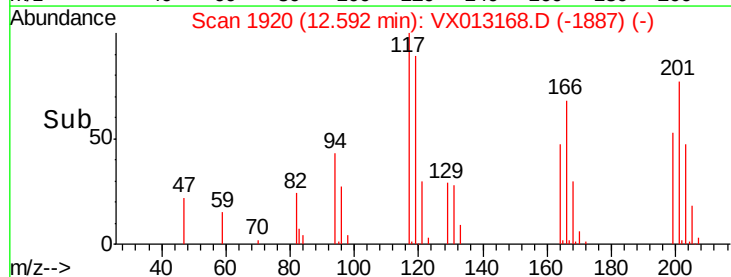
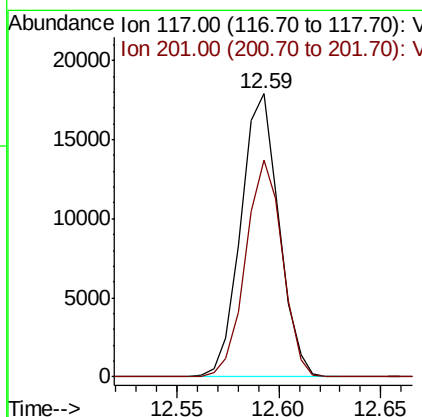
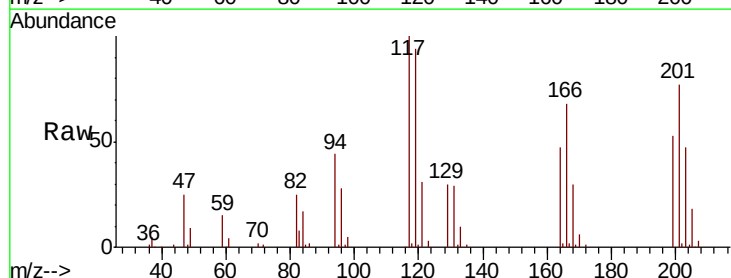
Instrument :
MSVOA_X
ClientSampled :

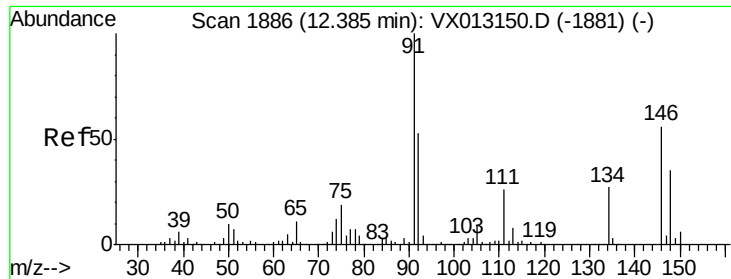
Tot Ion: 91 Resp: 117513
Ion Ratio Lower Upper
91 100
92 54.1 0.0 106.8
134 25.9 0.0 52.4



#86
Hexachloroethane
Concen: 17.993 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 117 Resp: 23248
Ion Ratio Lower Upper
117 100
201 73.9 35.9 107.5

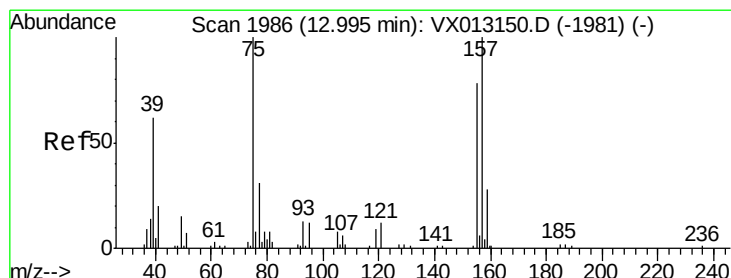
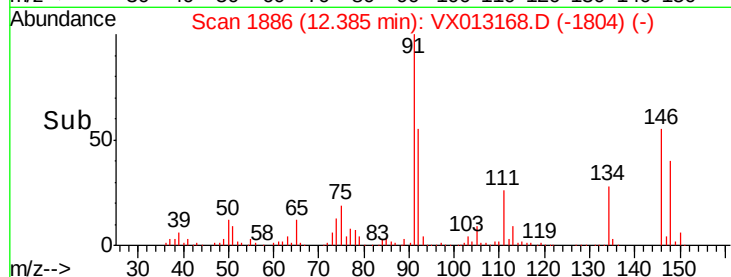
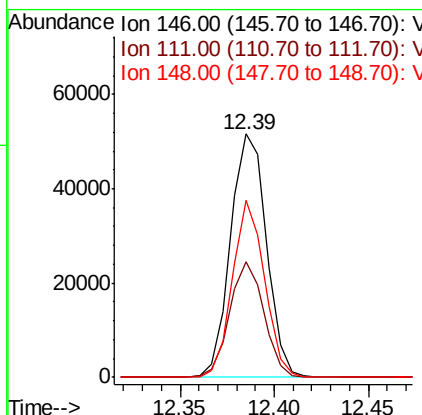
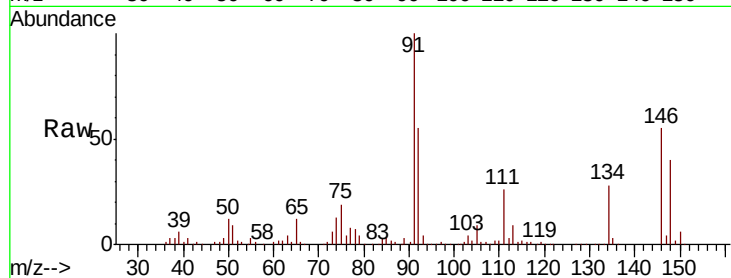




#87
 1,2-Dichlorobenzene
 Concen: 19.104 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

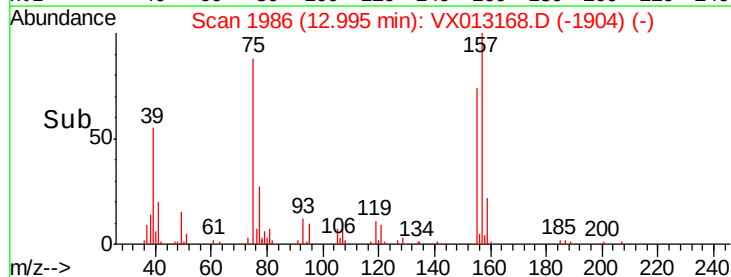
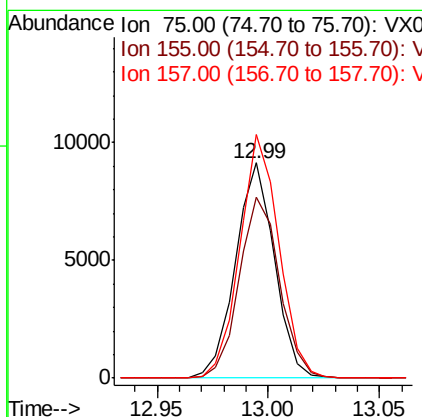
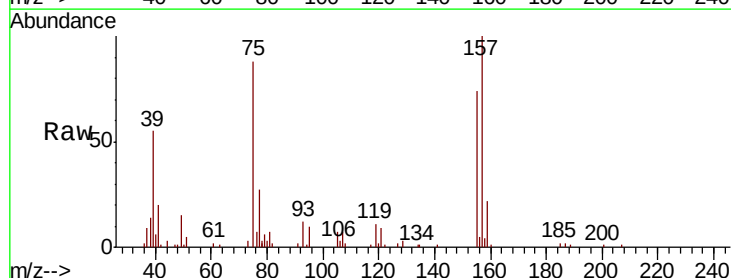
Instrument :
 MSVOA_X
 ClientSampleId :

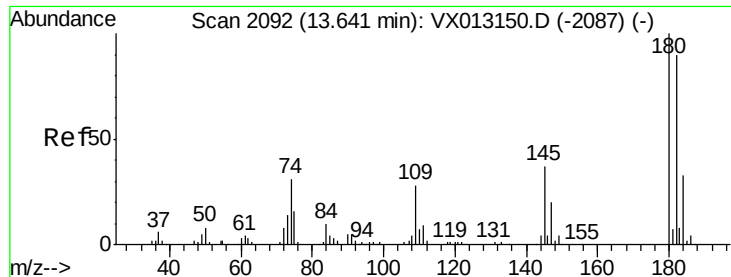
Tot Ion:146 Resp: 68289
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.5 67.5
 148 65.4 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.595 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 75 Resp: 11170
 Ion Ratio Lower Upper
 75 100
 155 86.8 65.4 98.0
 157 113.4 84.1 126.1

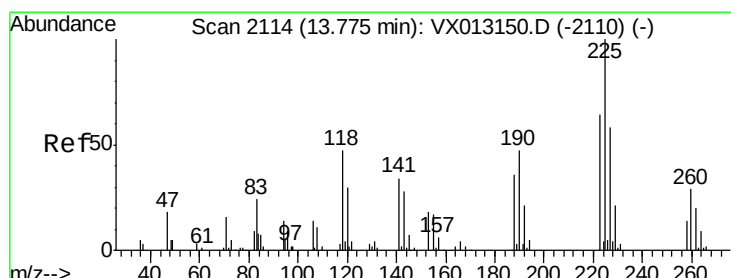
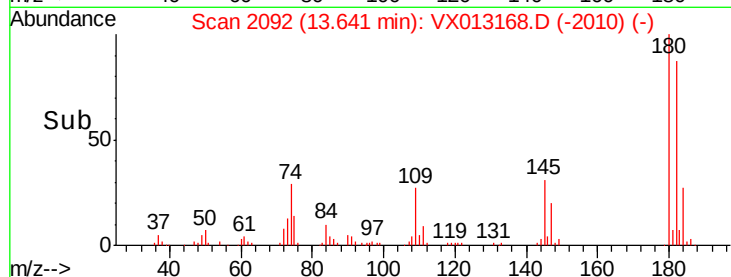
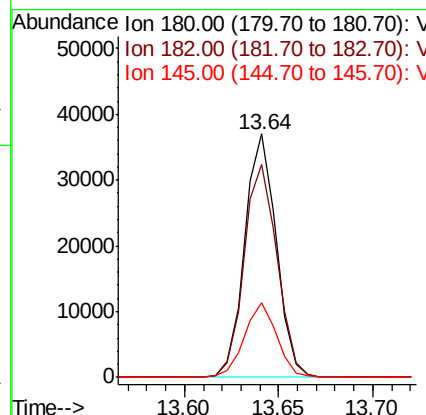
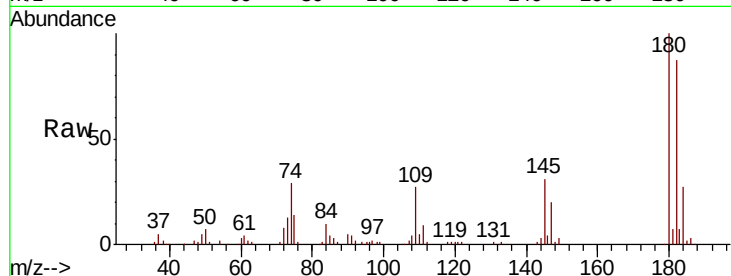




#89
1,2,4-Trichlorobenzene
Concen: 19.405 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

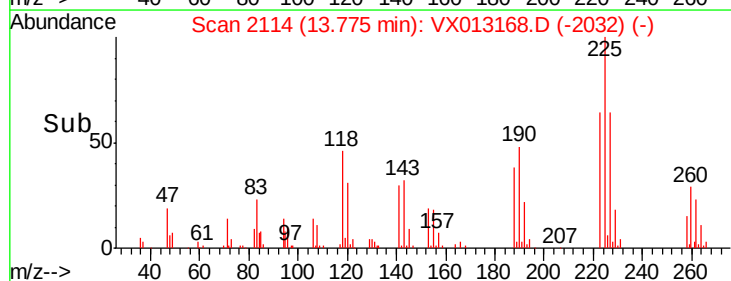
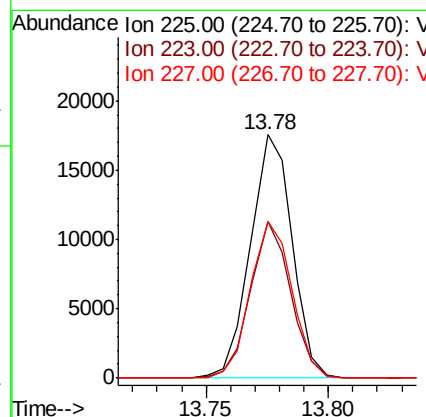
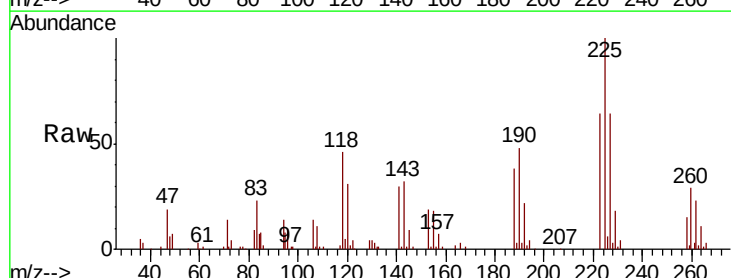
Instrument :
MSVOA_X
ClientSampled :

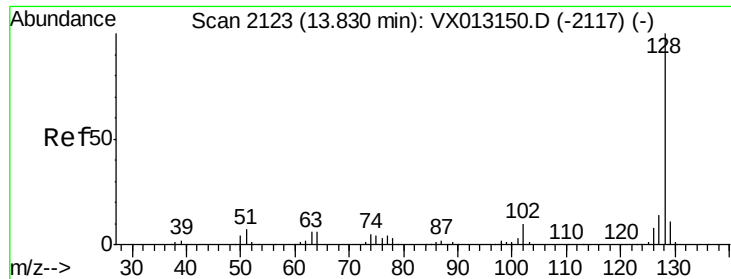
Tot Ion:180 Resp: 43140
Ion Ratio Lower Upper
180 100
182 91.2 76.1 114.1
145 31.0 27.4 41.2



#90
Hexachlorobutadiene
Concen: 18.603 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion:225 Resp: 20998
Ion Ratio Lower Upper
225 100
223 62.1 0.0 131.2
227 64.1 0.0 127.0

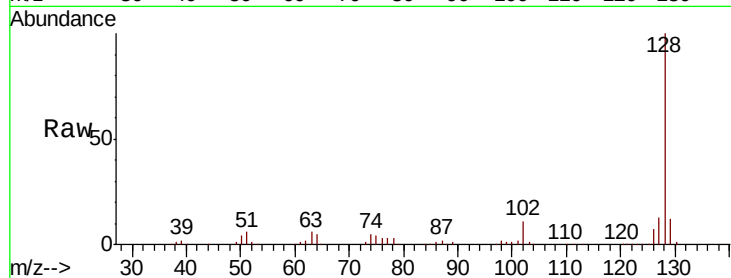




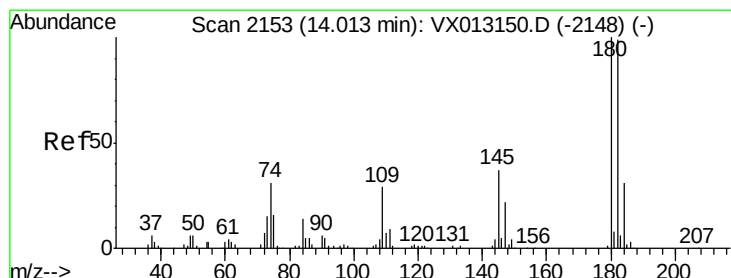
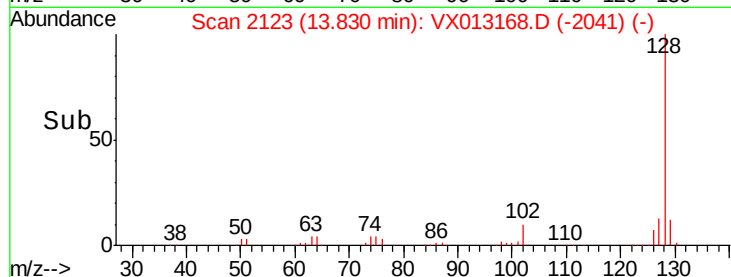
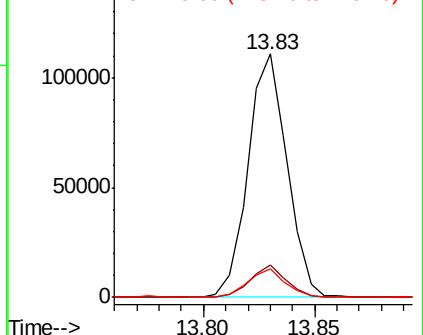
#91
Naphthalene
Concen: 18.713 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 135320
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 11.2 8.6 12.8

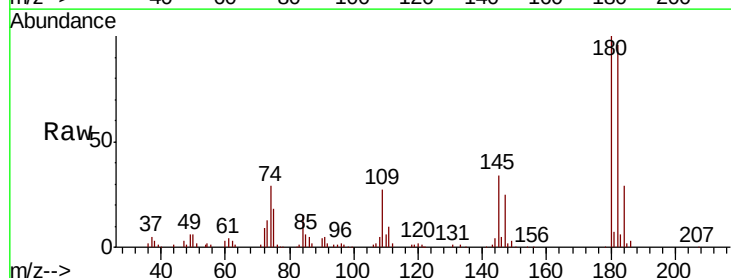


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 19.156 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion:180 Resp: 43631
Ion Ratio Lower Upper
180 100
182 94.8 0.0 194.4
145 32.9 0.0 71.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

