

Data File : VX013891.D
Acq On : 10 Dec 2019 12:24
Operator : JC/SP
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Quant Time: Dec 11 02:21:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	538949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	828865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358696	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	298722	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.49	113	252834	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	943104	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	330769	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	108909	18.155	ug/l	95
3) Chloromethane	1.32	50	126414	18.781	ug/l	97
4) Vinyl Chloride	1.40	62	147646	19.489	ug/l	99
5) Bromomethane	1.63	94	90262	17.741	ug/l	100
6) Chloroethane	1.72	64	82595	19.159	ug/l	96
7) Trichlorofluoromethane	1.92	101	160029	19.023	ug/l	100
8) Diethyl Ether	2.18	74	75001	19.707	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98549	19.179	ug/l	99
10) Methyl Iodide	2.50	142	101317	16.300	ug/l	99
11) Tert butyl alcohol	3.03	59	140395	90.919	ug/l	100
12) 1,1-Dichloroethene	2.36	96	96121	18.741	ug/l	100
13) Acrolein	2.28	56	106909	107.041	ug/l	99
14) Allyl chloride	2.72	41	173394	18.629	ug/l	100
15) Acrylonitrile	3.13	53	313180	98.254	ug/l	99
16) Acetone	2.43	43	303465	98.251	ug/l	99
17) Carbon Disulfide	2.56	76	232733	15.917	ug/l	99
18) Methyl Acetate	2.76	43	188459	21.912	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	329604	19.398	ug/l	99
20) Methylene Chloride	2.85	84	114297	19.262	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106119	18.992	ug/l	96
22) Diisopropyl ether	3.84	45	367023	20.478	ug/l	94
23) Vinyl Acetate	3.80	43	1460424	97.951	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196604	20.066	ug/l	99
25) 2-Butanone	4.66	43	448671	97.743	ug/l	100
26) 2,2-Dichloropropane	4.58	77	146486	18.071	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121853	18.990	ug/l	100
28) Bromochloromethane	5.01	49	81913	21.149	ug/l	98
29) Tetrahydrofuran	5.12	42	283419	100.155	ug/l	99
30) Chloroform	5.20	83	191905	19.313	ug/l	100
31) Cyclohexane	5.57	56	169171	18.306	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	155806	18.764	ug/l	98
36) 1,1-Dichloropropene	5.79	75	135818	18.051	ug/l	98
37) Ethyl Acetate	4.82	43	160048	18.961	ug/l	99
38) Carbon Tetrachloride	5.78	117	130407	18.797	ug/l	95

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Instrument :
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ClientSampleId :
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Quant Time: Dec 11 02:21:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169024	18.174	ug/l	99
40) Benzene	6.14	78	434299	18.952	ug/l	98
41) Methacrylonitrile	5.03	41	91671	19.803	ug/l	98
42) 1,2-Dichloroethane	6.19	62	153053	19.584	ug/l	99
43) Isopropyl Acetate	6.43	43	265901	19.135	ug/l	99
44) Trichloroethene	7.21	130	115734	18.402	ug/l	98
45) 1,2-Dichloropropane	7.51	63	111649	19.473	ug/l	94
46) Dibromomethane	7.65	93	73996	19.003	ug/l	99
47) Bromodichloromethane	7.89	83	143477	19.490	ug/l	99
48) Methyl methacrylate	7.76	41	131621	19.494	ug/l	100
49) 1,4-Dioxane	7.73	88	56109	371.258	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	866910	99.177	ug/l	100
52) Toluene	8.78	92	273351	19.201	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151008	18.022	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	171709	18.757	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114000	19.871	ug/l	99
56) Ethyl methacrylate	9.17	69	178989	19.406	ug/l	99
57) 1,3-Dichloropropane	9.37	76	193424	19.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	347365	96.056	ug/l	100
59) 2-Hexanone	9.48	43	662264	97.144	ug/l	98
60) Dibromochloromethane	9.58	129	113814	19.117	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118646	19.364	ug/l	99
64) Tetrachloroethene	9.33	164	107700	19.320	ug/l	95
65) Chlorobenzene	10.14	112	292719	18.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108864	19.534	ug/l	99
67) Ethyl Benzene	10.25	91	511401	19.175	ug/l	99
68) m/p-Xylenes	10.36	106	385050	37.711	ug/l	99
69) o-Xylene	10.70	106	191557	19.236	ug/l	100
70) Styrene	10.71	104	318133	18.991	ug/l	99
71) Bromoform	10.85	173	84482	18.320	ug/l #	100
73) Isopropylbenzene	11.01	105	502147	19.957	ug/l	100
74) N-amyl acetate	10.89	43	224752	19.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	181967	20.854	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	198303	24.580	ug/l	88
77) Bromobenzene	11.25	156	130769	19.238	ug/l	98
78) n-propylbenzene	11.35	91	557556	19.851	ug/l	100
79) 2-Chlorotoluene	11.42	91	334406	19.847	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	414272	20.089	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50820	17.233	ug/l	92
82) 4-Chlorotoluene	11.51	91	374317	19.181	ug/l	100
83) tert-Butylbenzene	11.77	119	407504	19.444	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	411861	19.679	ug/l	99
85) sec-Butylbenzene	11.94	105	471444	19.694	ug/l	100
86) p-Isopropyltoluene	12.06	119	439053	19.715	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220550	18.613	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	222891	18.468	ug/l	99
89) n-Butylbenzene	12.39	91	358568	18.878	ug/l	99
90) Hexachloroethane	12.59	117	76806	19.081	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	228942	19.556	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37611	19.794	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : VX1210WBS01
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Instrument :
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ClientSampleId :
VX1210WBS01

Quant Time: Dec 11 02:21:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140353	17.202	ug/l	98
94) Hexachlorobutadiene	13.78	225	71581	18.263	ug/l	98
95) Naphthalene	13.83	128	447823	18.430	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	145924	18.063	ug/l	99

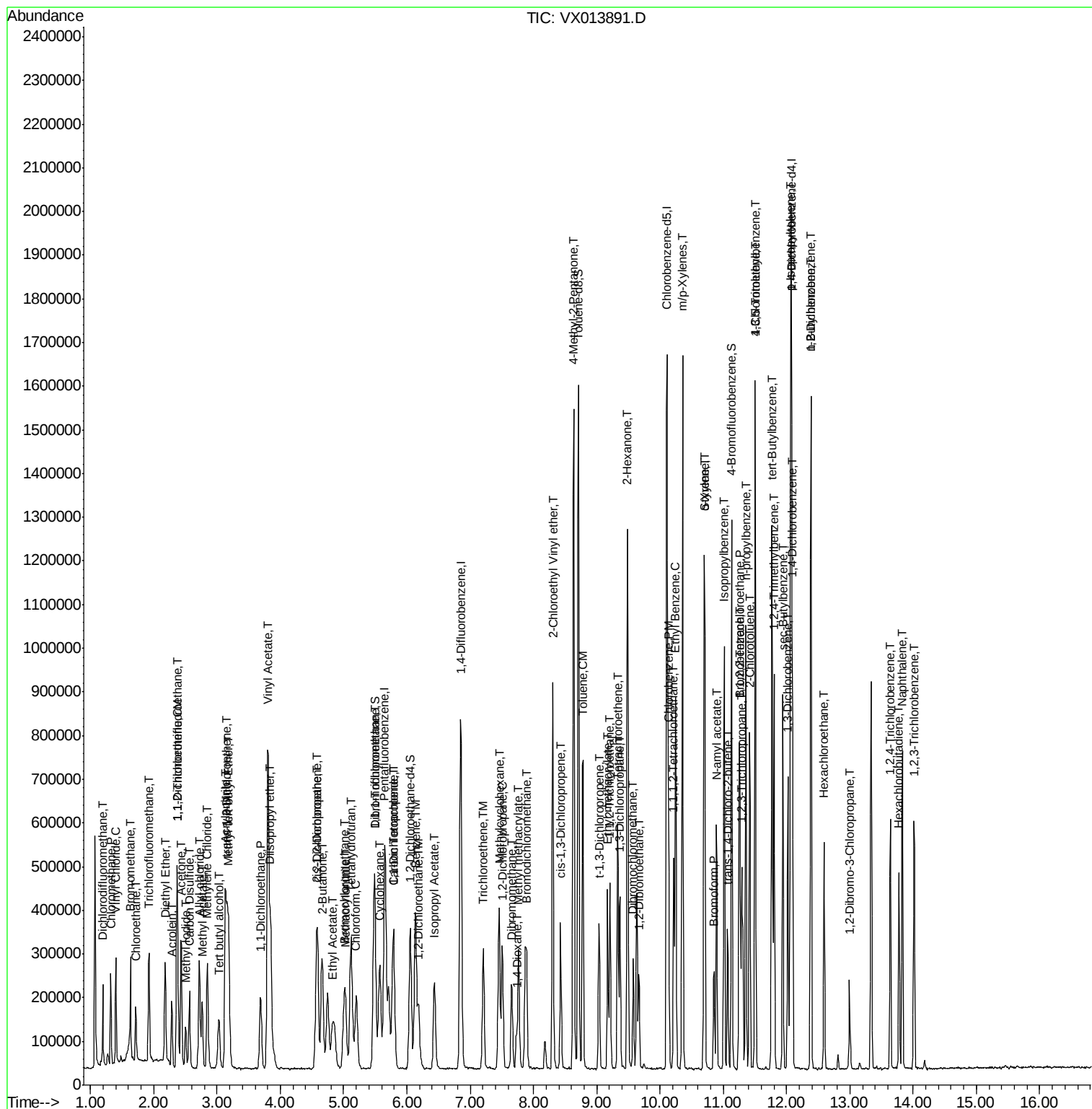
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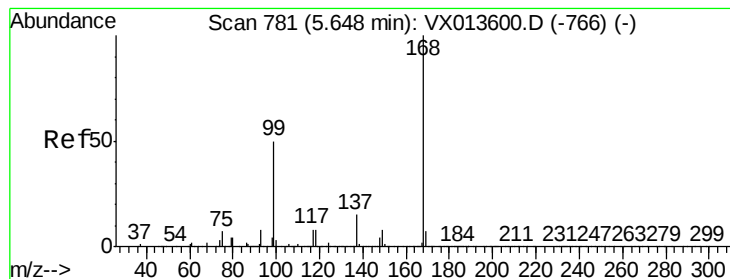
Data File : VX013891.D

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Acq On       : 10 Dec 2019   12:24
Operator     : JC/SP
Sample       : VX1210WBS01
Misc         : 5.0mL/MSV0A_X/WATER
ALS Vial     : 6      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Quant Time: Dec 11 02:21:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

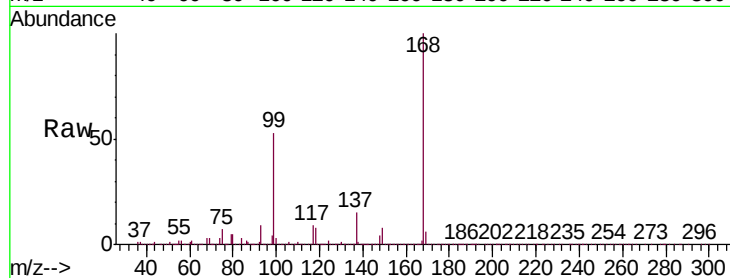
VX1210WBS01

Tgt Ion:168 Resp: 538949

Ion Ratio Lower Upper

168 100

99 53.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

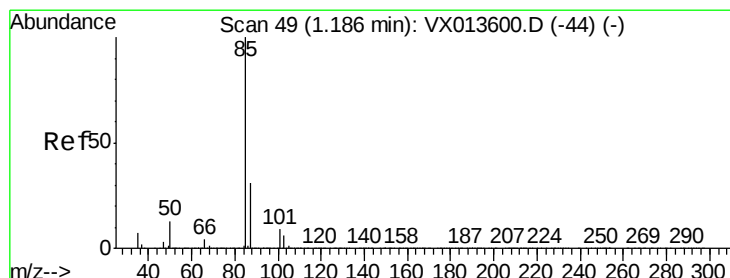
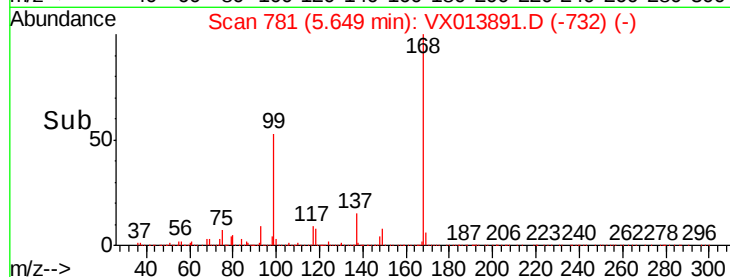
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.155 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013891.D

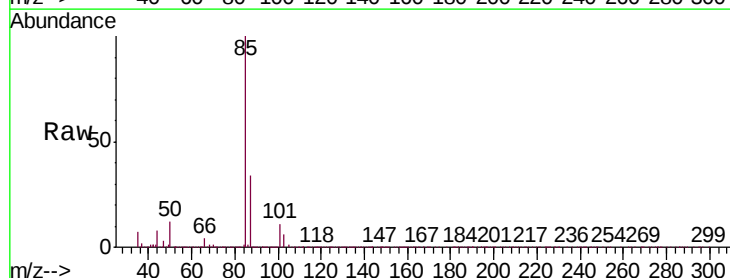
Acq: 10 Dec 2019 12:24

Tgt Ion: 85 Resp: 108909

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

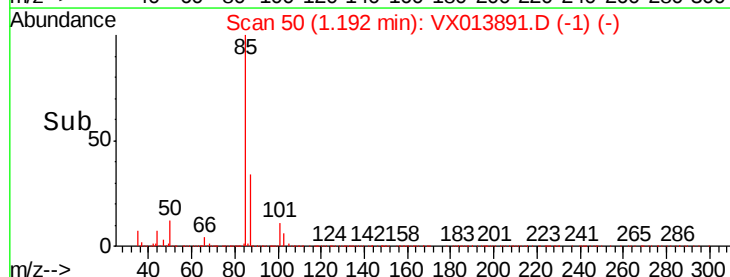
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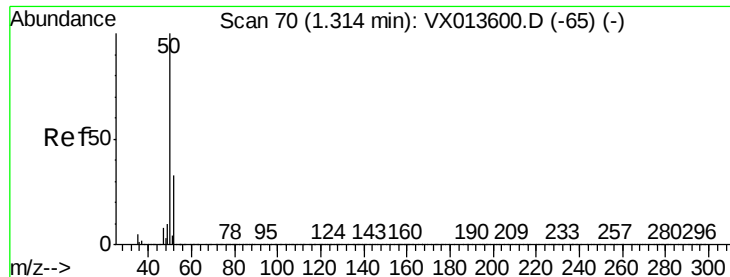
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.781 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

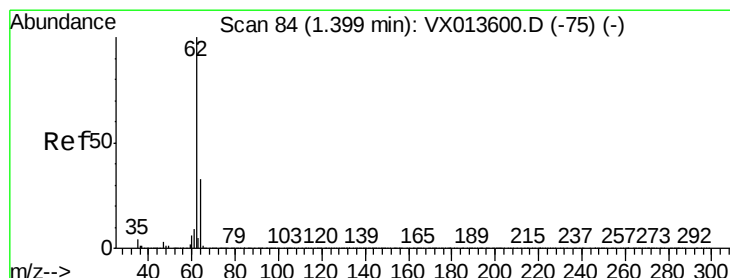
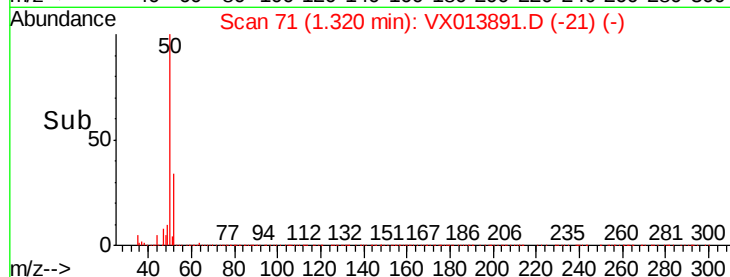
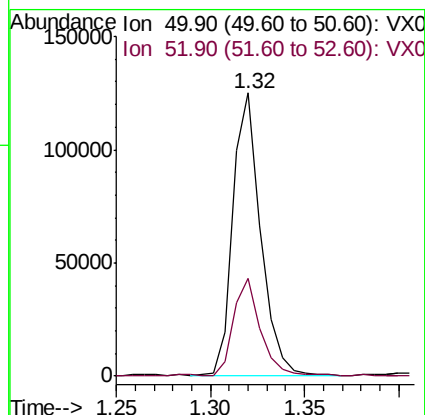
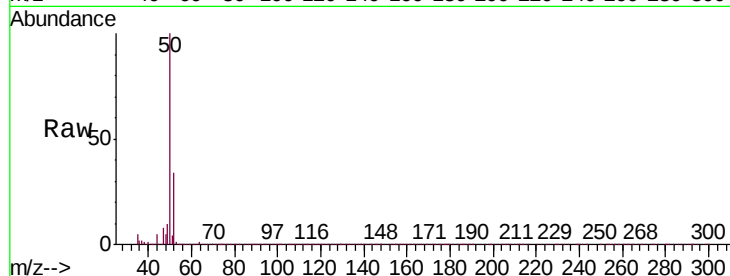
VX1210WBS01

Tgt Ion: 50 Resp: 126414

Ion Ratio Lower Upper

50 100

52 34.2 26.0 39.0



#4

Vinyl Chloride

Concen: 19.489 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013891.D

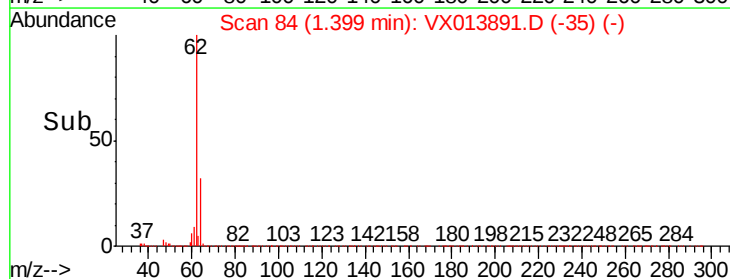
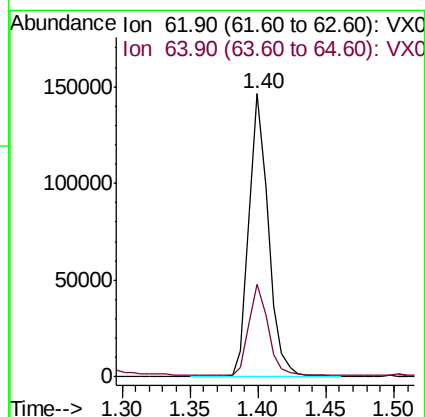
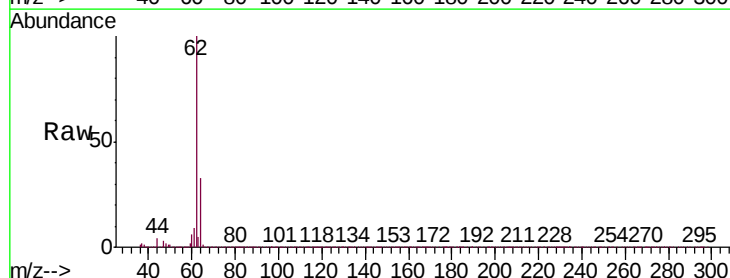
Acq: 10 Dec 2019 12:24

Tgt Ion: 62 Resp: 147646

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 17.741 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

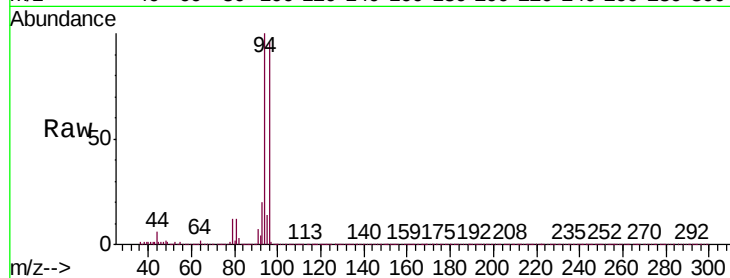
VX1210WBS01

Tgt Ion: 94 Resp: 90262

Ion Ratio Lower Upper

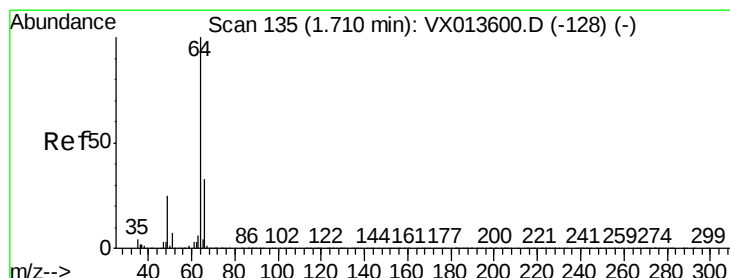
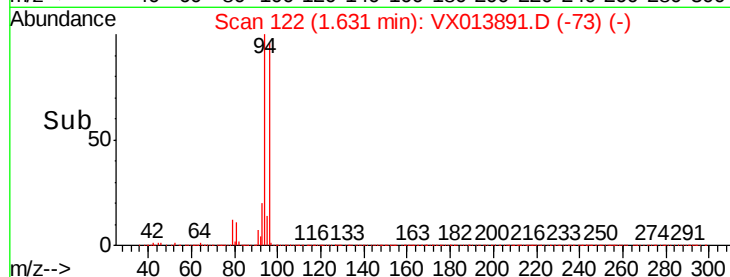
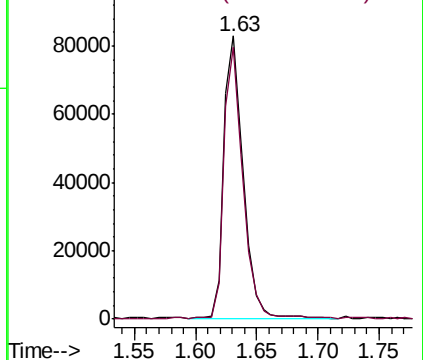
94 100

96 95.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.159 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013891.D

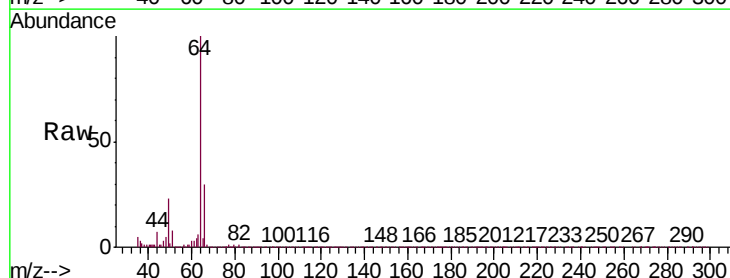
Acq: 10 Dec 2019 12:24

Tgt Ion: 64 Resp: 82595

Ion Ratio Lower Upper

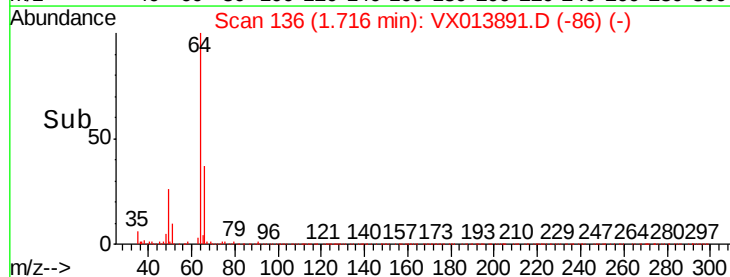
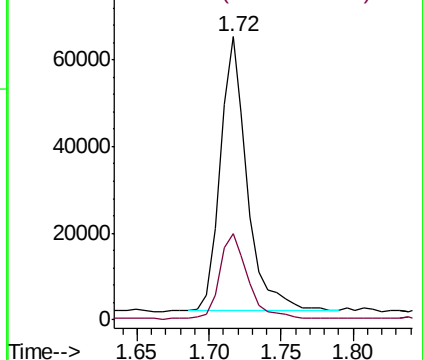
64 100

66 30.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



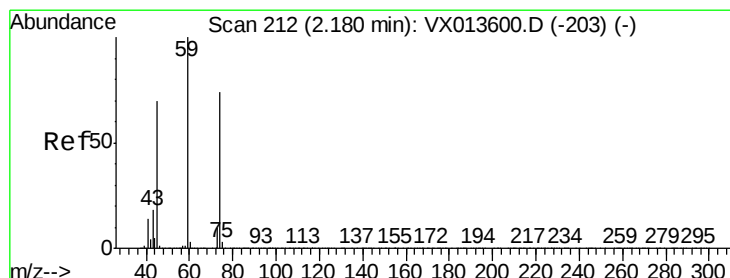
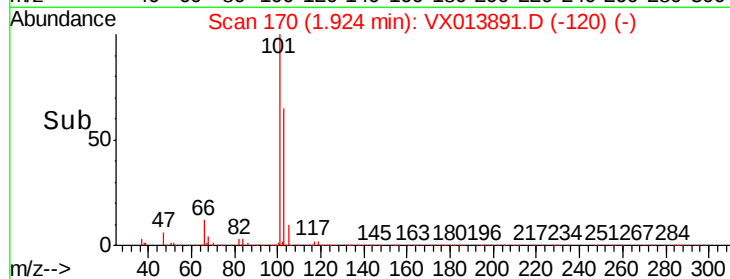
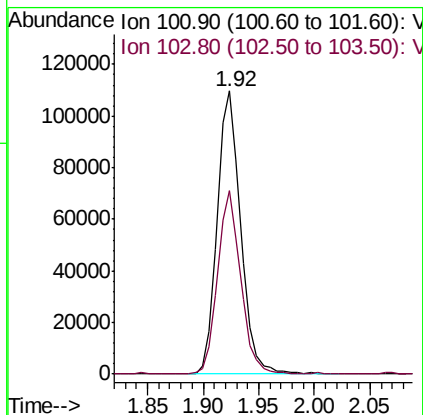
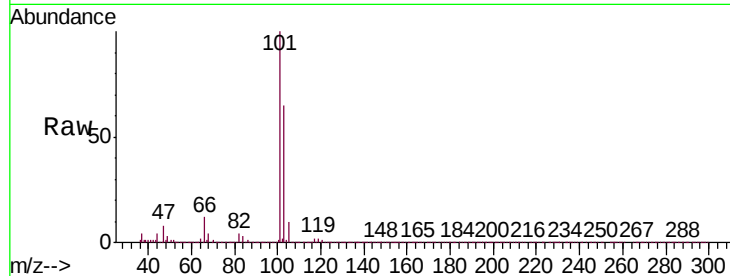


#7

Trichlorofluoromethane
Concen: 19.023 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

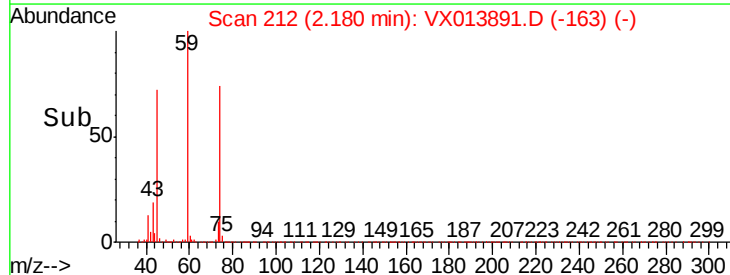
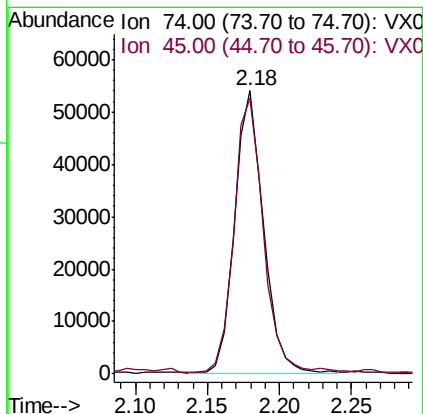
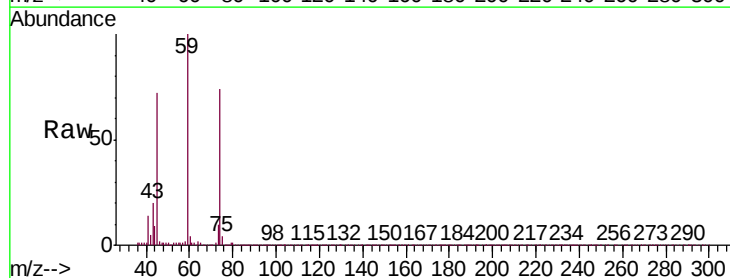
Tgt Ion:101 Resp: 160029
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

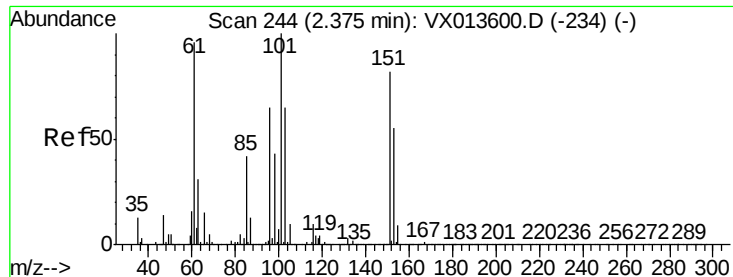


#8

Diethyl Ether
Concen: 19.707 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 74 Resp: 75001
Ion Ratio Lower Upper
74 100
45 98.7 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.179 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

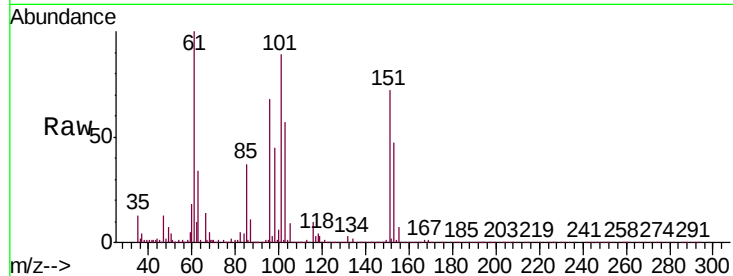
Tgt Ion:101 Resp: 98549

Ion Ratio Lower Upper

101 100

85 41.7 33.9 50.9

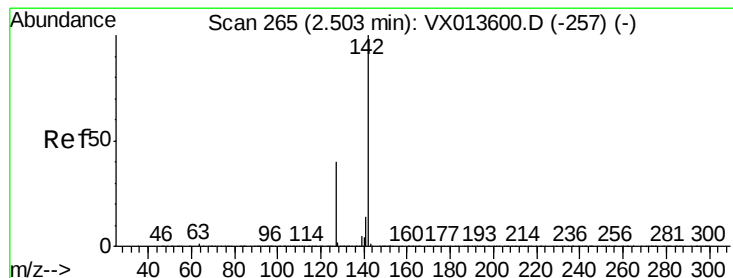
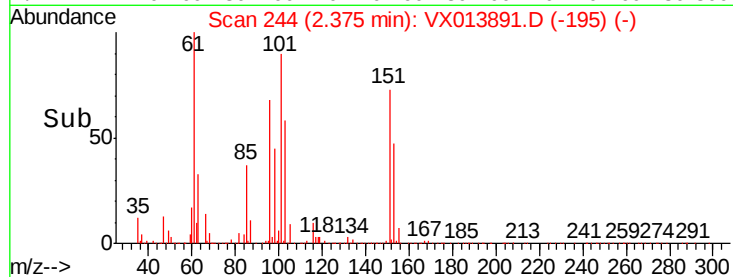
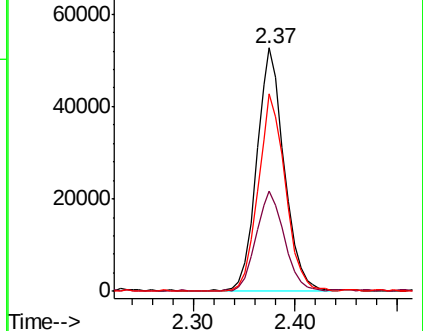
151 80.7 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.300 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

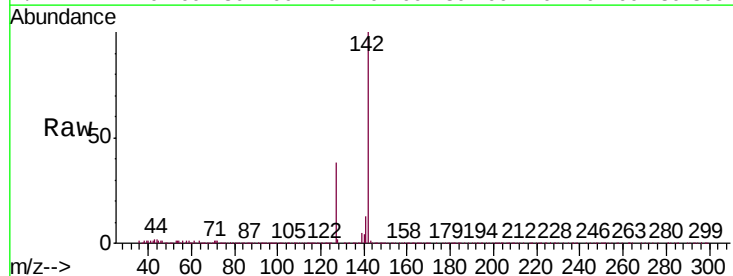
Tgt Ion:142 Resp: 101317

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

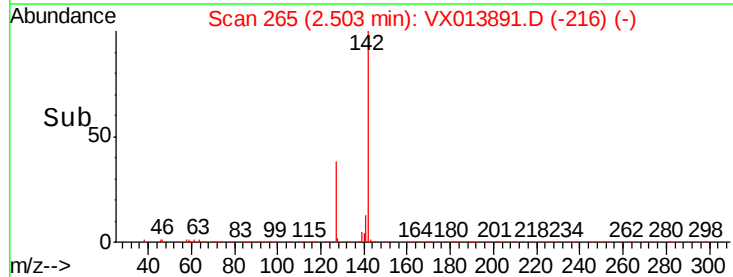
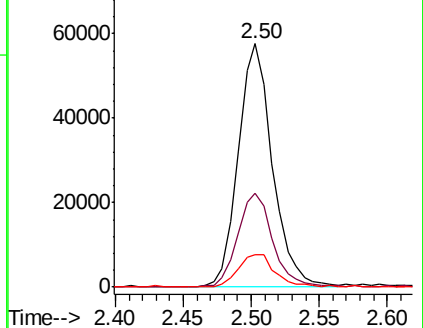
141 13.9 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

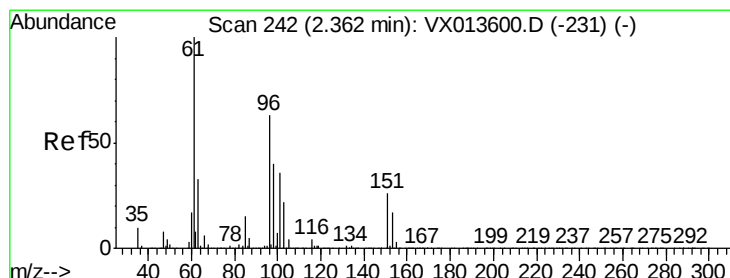
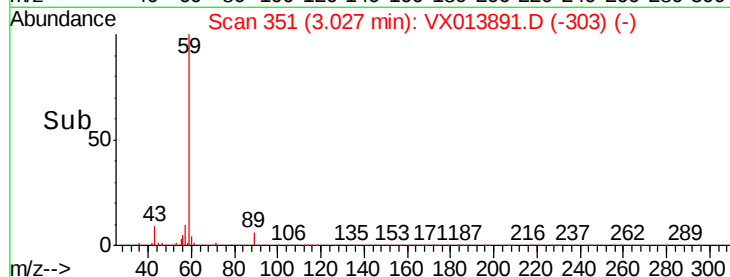
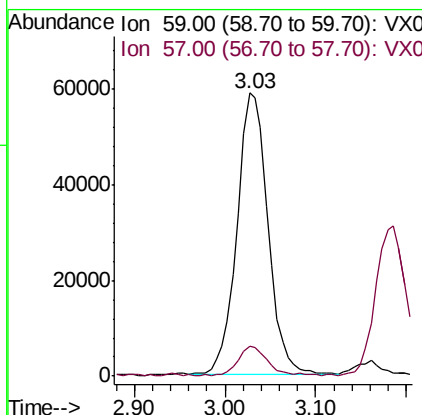
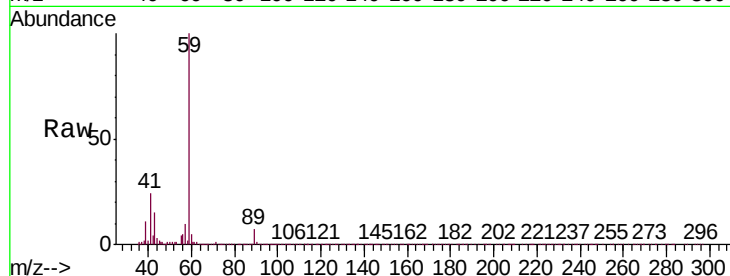




#11
Tert butyl alcohol
Concen: 90.919 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

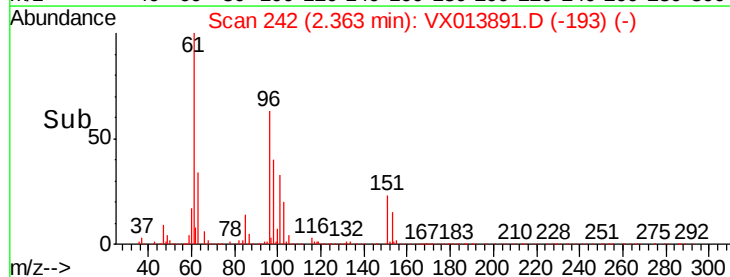
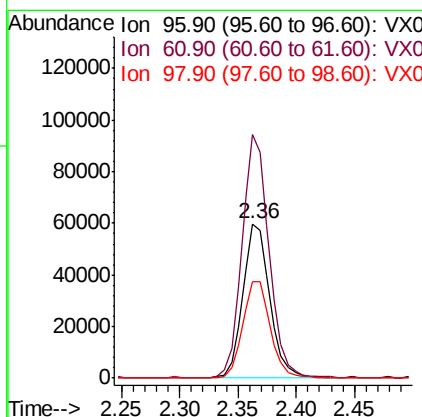
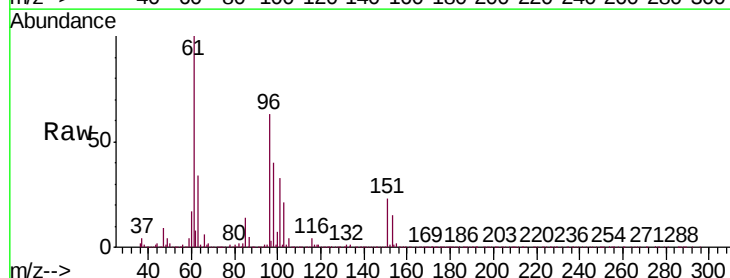
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

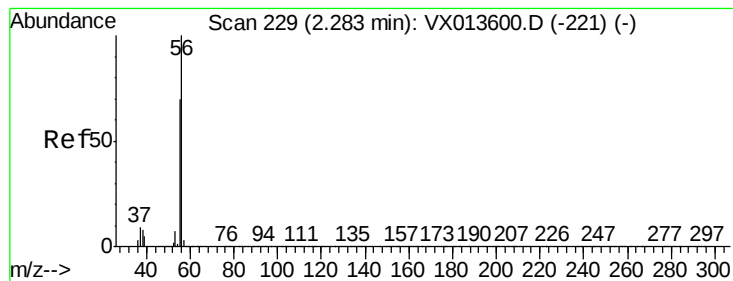
Tgt Ion: 59 Resp: 140395
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.741 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 96 Resp: 96121
Ion Ratio Lower Upper
96 100
61 158.2 126.6 190.0
98 62.8 50.6 76.0





#13

Acrolein

Concen: 107.041 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

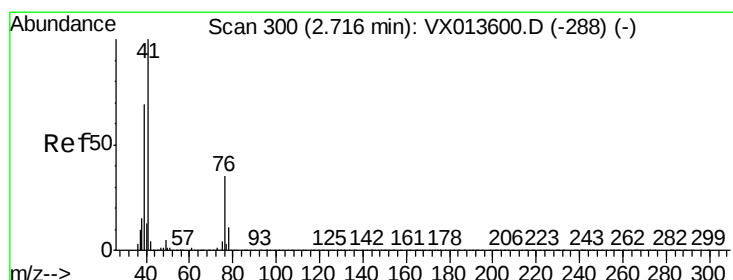
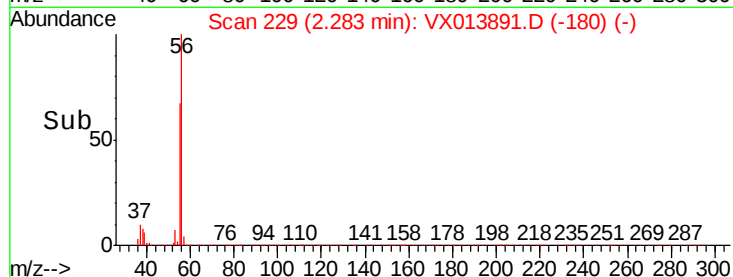
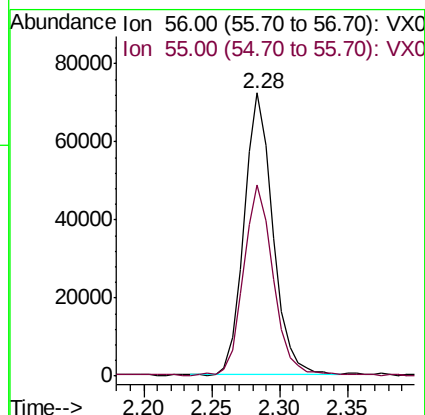
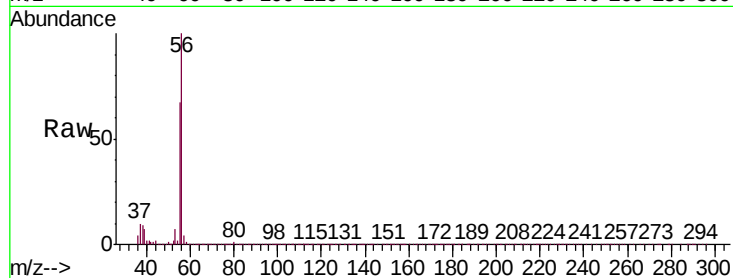
VX1210WBS01

Tgt Ion: 56 Resp: 106909

Ion Ratio Lower Upper

56 100

55 69.7 56.2 84.4



#14

Allyl chloride

Concen: 18.629 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

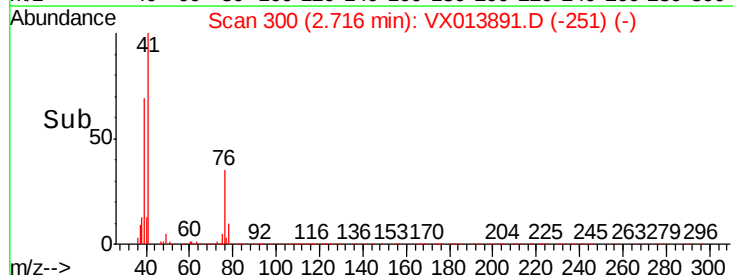
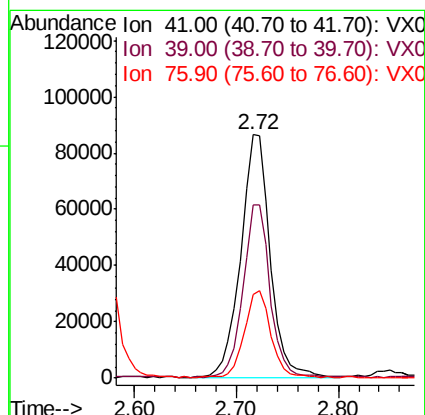
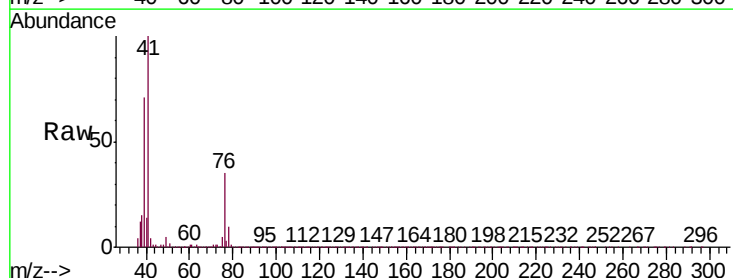
Tgt Ion: 41 Resp: 173394

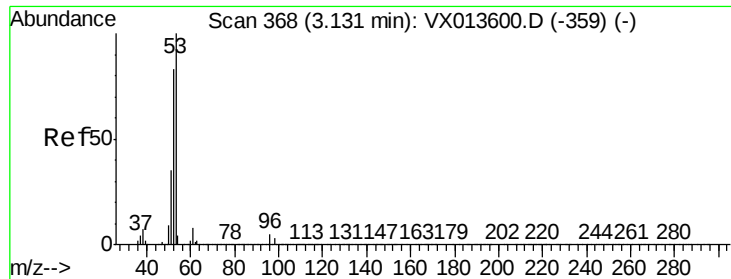
Ion Ratio Lower Upper

41 100

39 64.6 51.7 77.5

76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 98.254 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

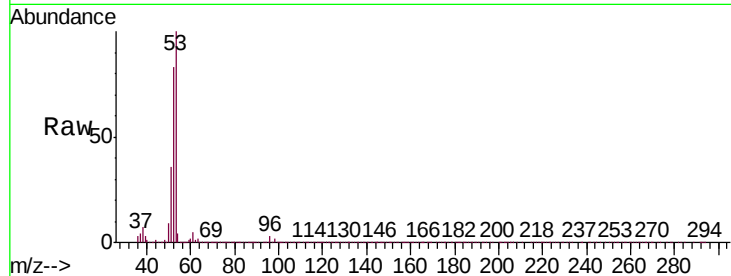
Tgt Ion: 53 Resp: 313180

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

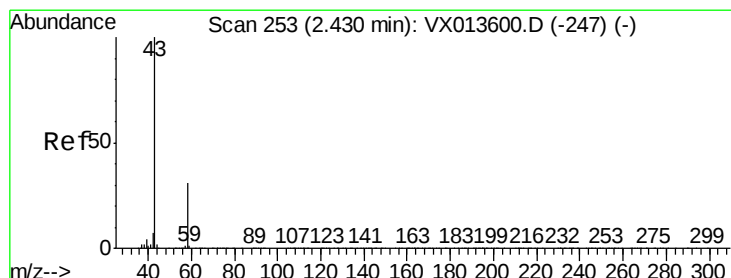
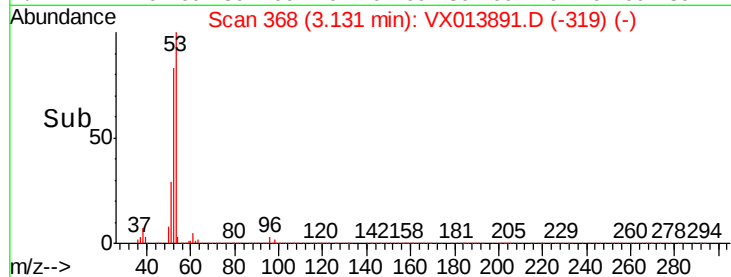
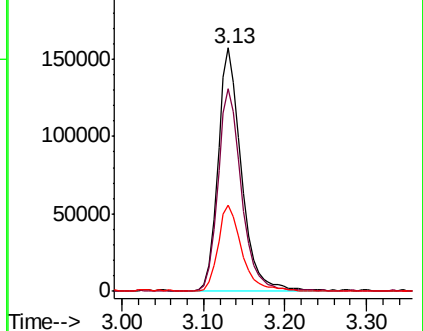
51 35.7 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.251 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013891.D

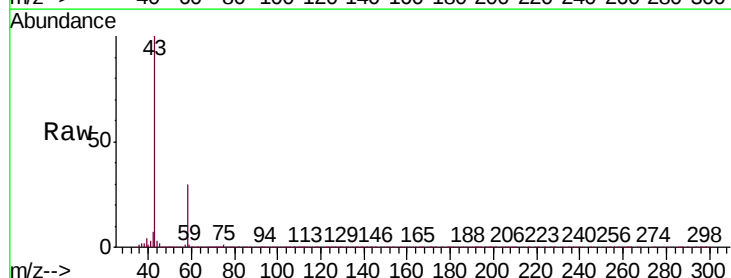
Acq: 10 Dec 2019 12:24

Tgt Ion: 43 Resp: 303465

Ion Ratio Lower Upper

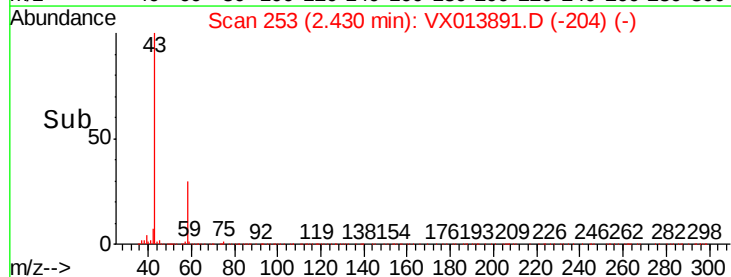
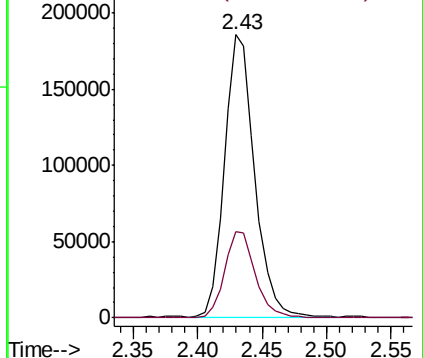
43 100

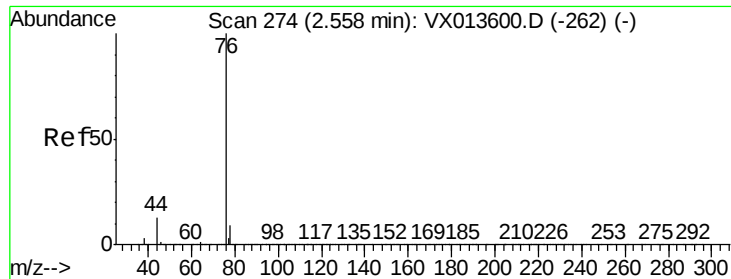
58 30.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

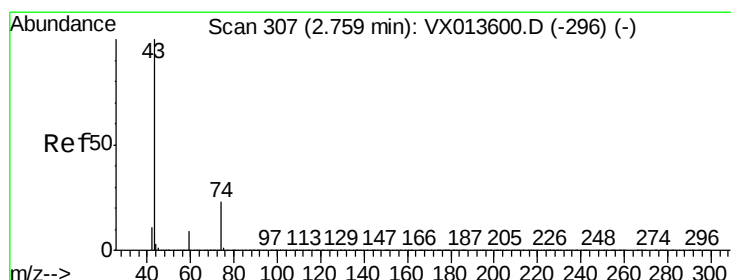
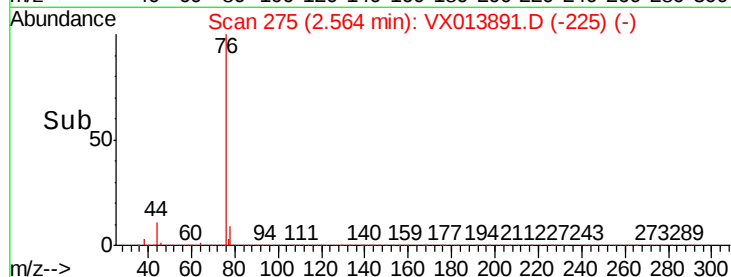
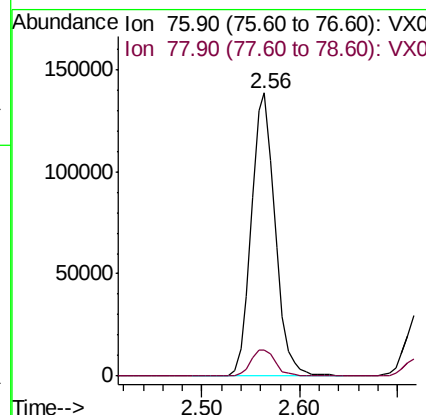
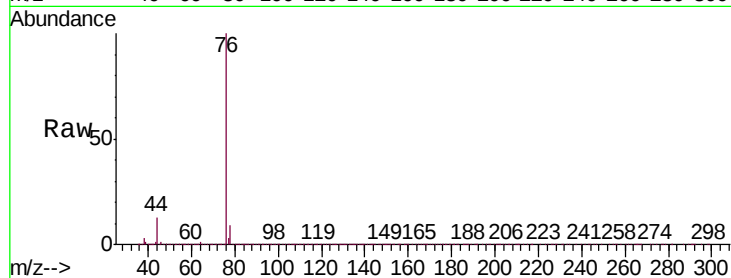




#17
Carbon Disulfide
Concen: 15.917 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

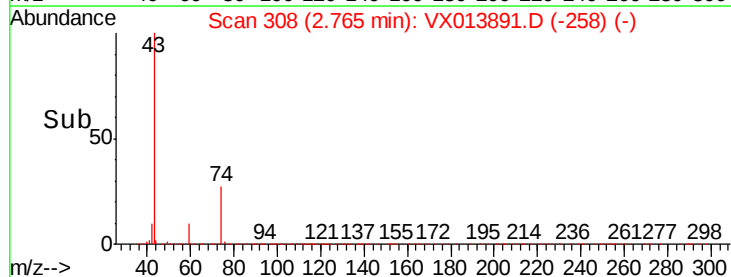
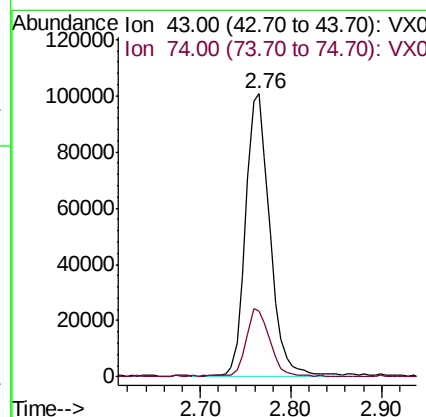
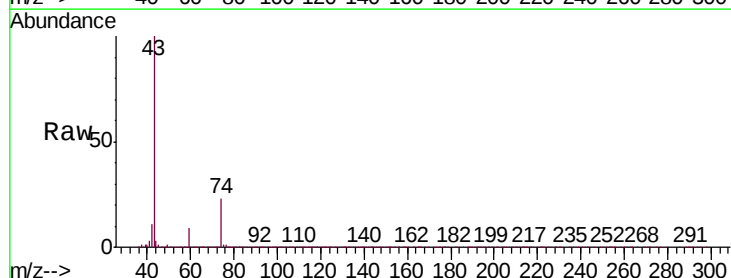
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 76 Resp: 232733
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.912 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 43 Resp: 188459
Ion Ratio Lower Upper
43 100
74 23.2 19.5 29.3



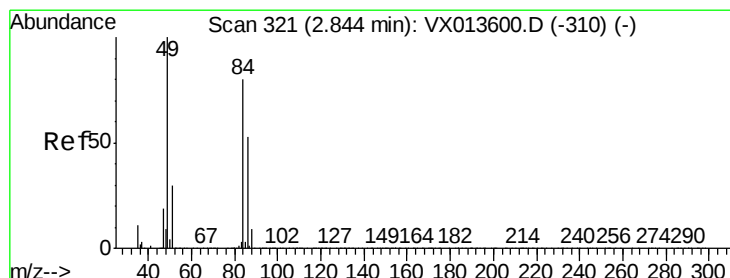
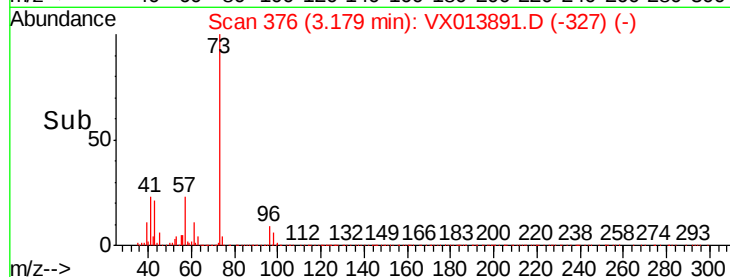
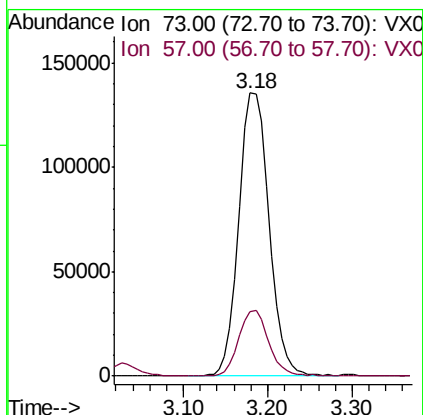
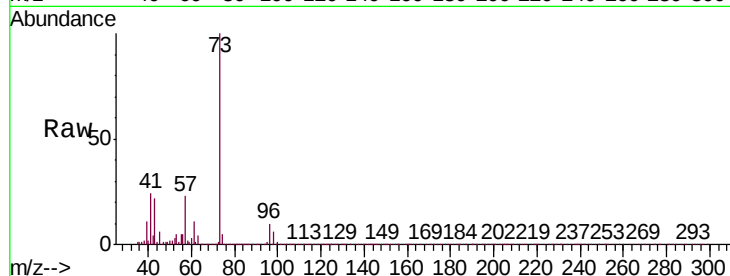


#19

Methyl tert-butyl Ether
Concen: 19.398 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

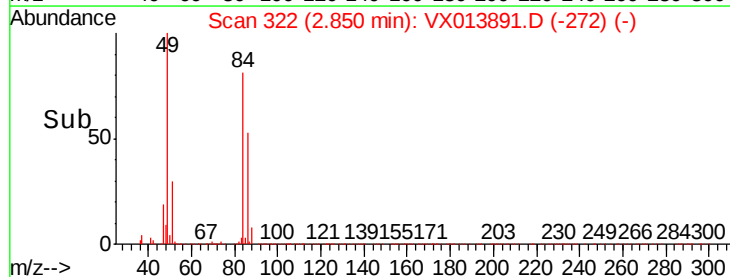
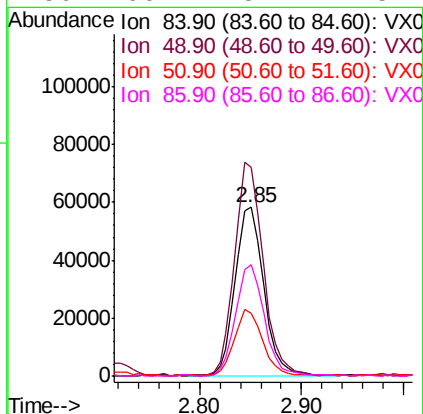
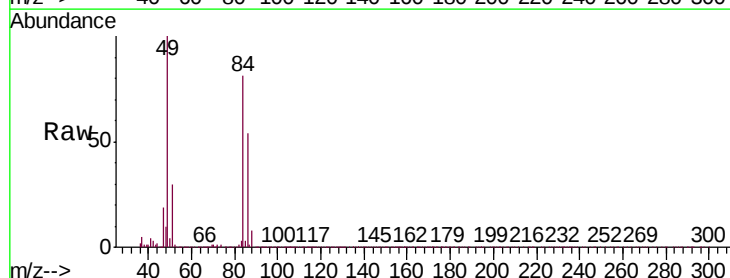
Tgt Ion: 73 Resp: 329604
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5

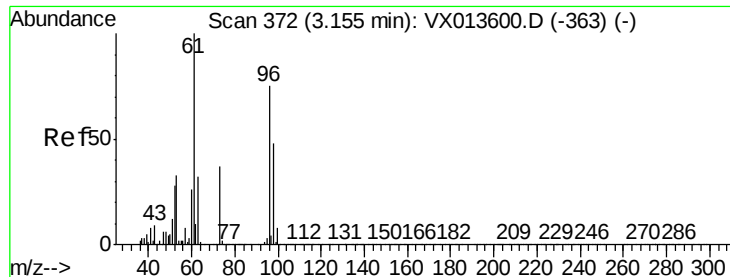


#20

Methylene Chloride
Concen: 19.262 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 84 Resp: 114297
Ion Ratio Lower Upper
84 100
49 123.3 99.7 149.5
51 36.6 29.9 44.9
86 66.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.992 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

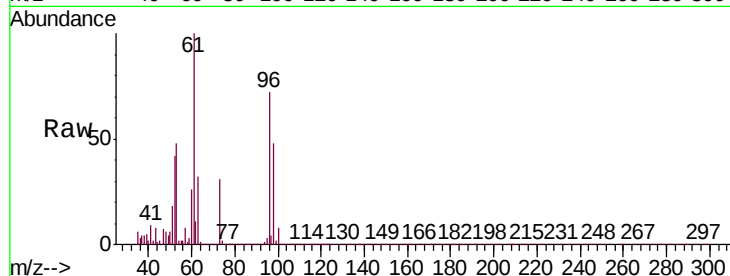
Tgt Ion: 96 Resp: 106119

Ion Ratio Lower Upper

96 100

61 139.3 107.2 160.8

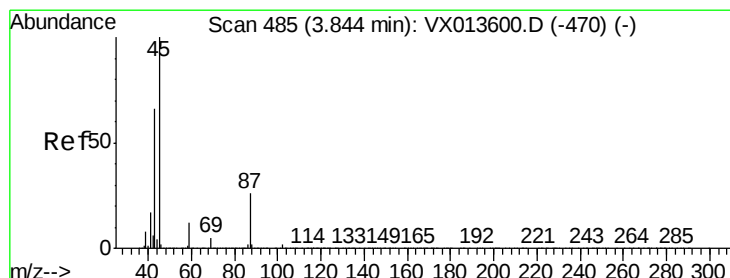
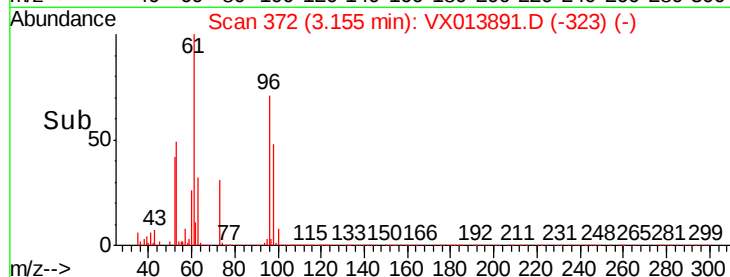
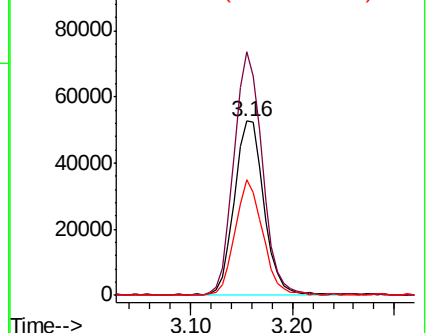
98 66.1 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.478 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion: 45 Resp: 367023

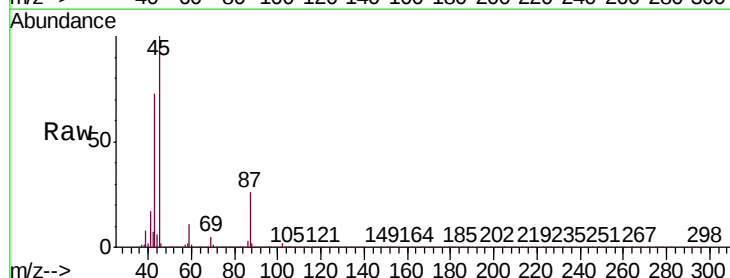
Ion Ratio Lower Upper

45 100

43 72.3 52.6 79.0

87 25.9 21.1 31.7

59 11.0 9.2 13.8

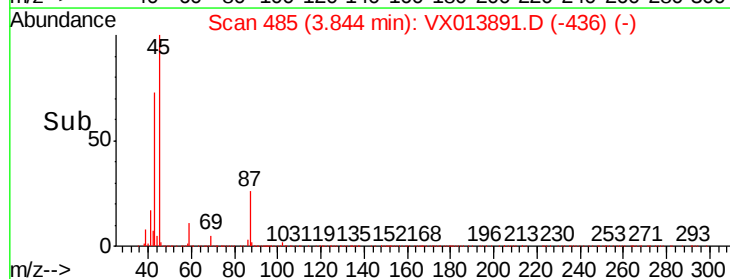
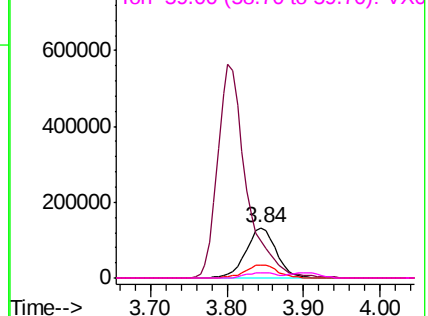


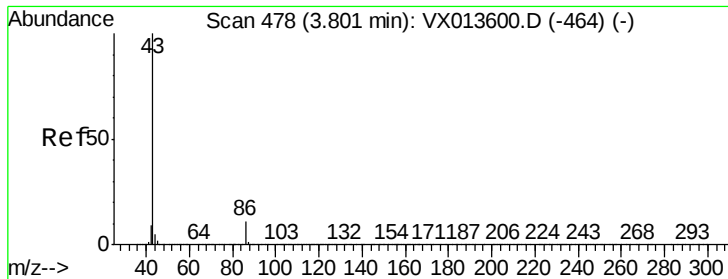
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.951 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

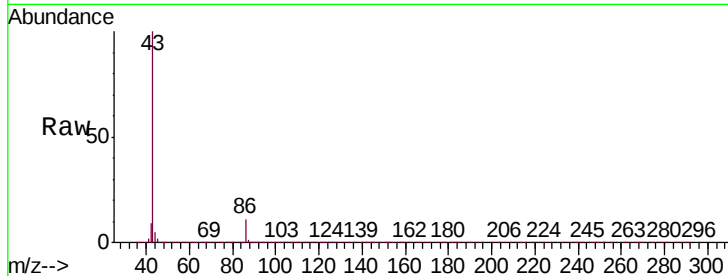
VX1210WBS01

Tgt Ion: 43 Resp: 1460424

Ion Ratio Lower Upper

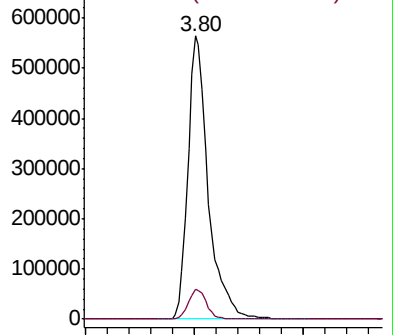
43 100

86 10.8 8.7 13.1

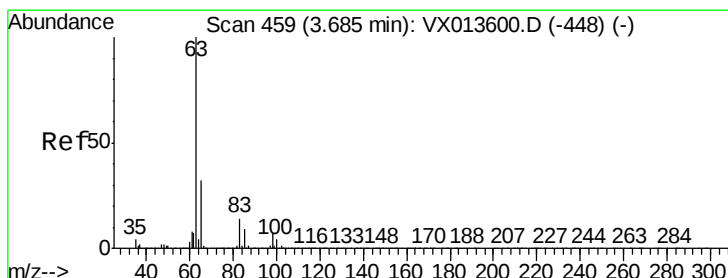
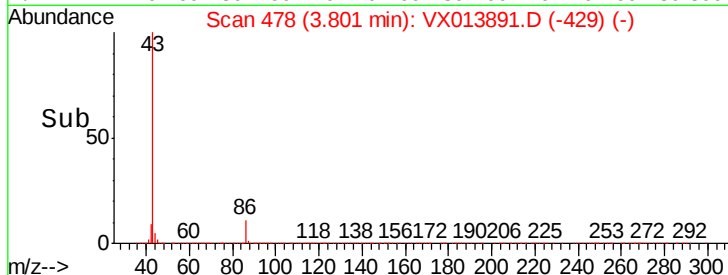


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.066 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

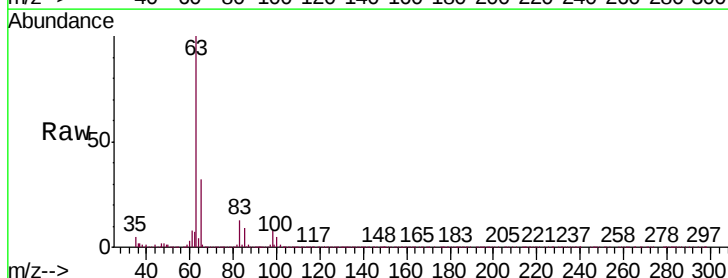
Tgt Ion: 63 Resp: 196604

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

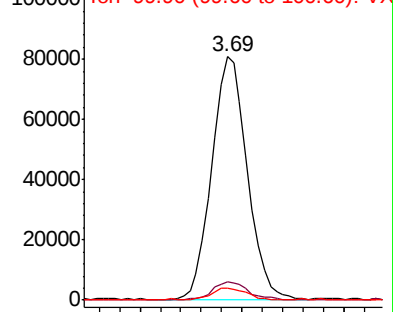
100 4.5 2.1 6.3



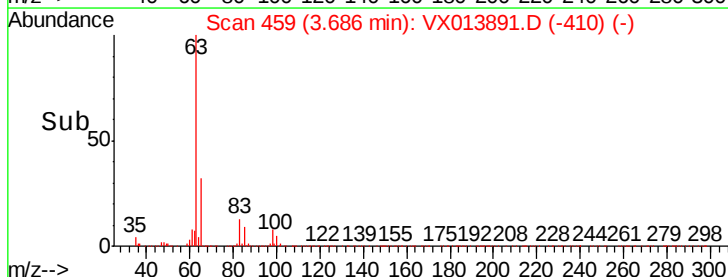
Abundance Ion 62.90 (62.60 to 63.60): VX0

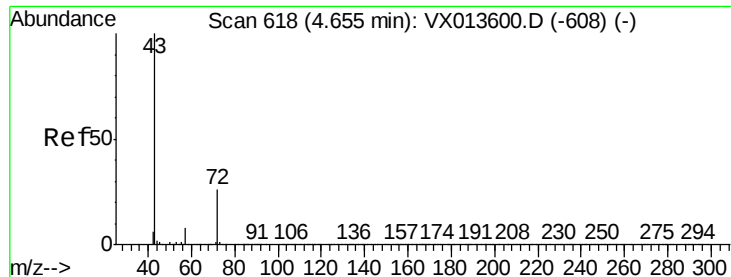
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 97.743 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

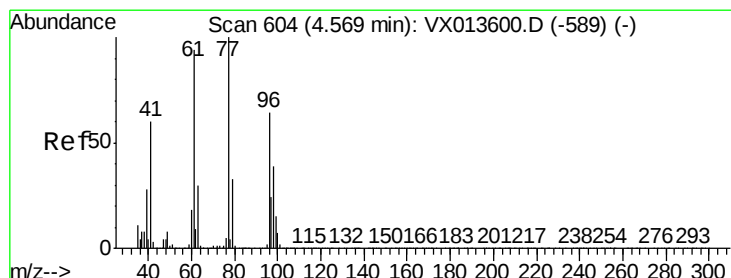
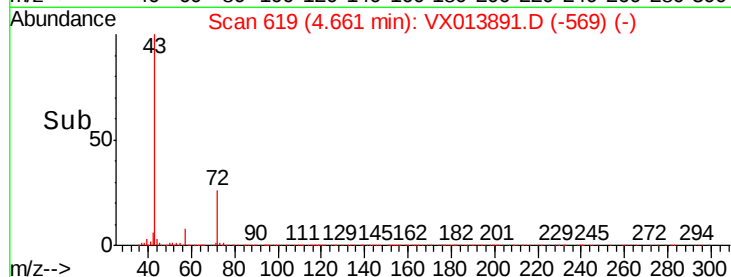
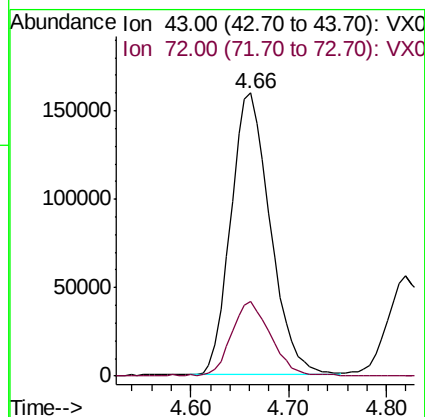
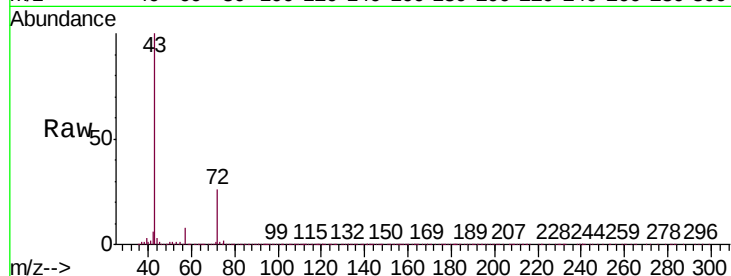
VX1210WBS01

Tgt Ion: 43 Resp: 448671

Ion Ratio Lower Upper

43 100

72 26.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 18.071 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013891.D

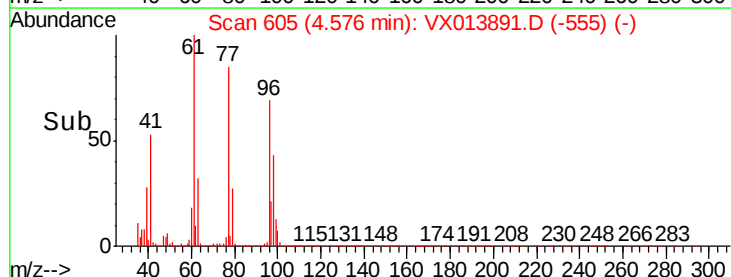
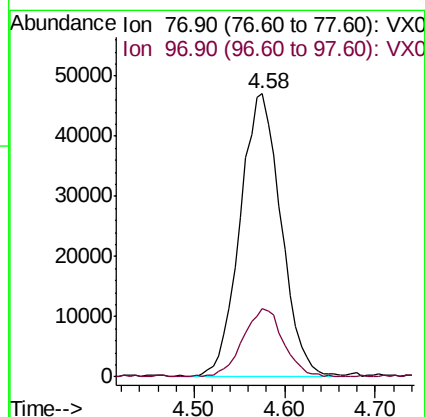
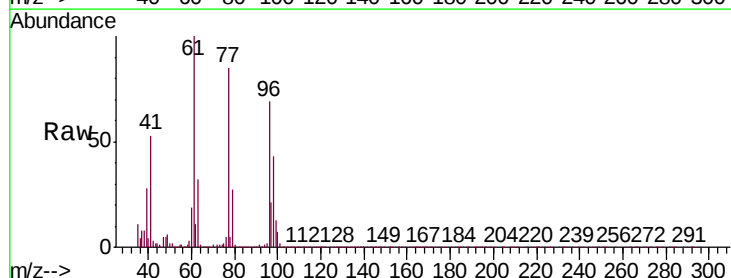
Acq: 10 Dec 2019 12:24

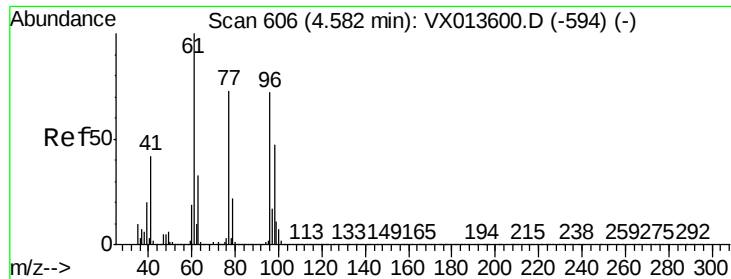
Tgt Ion: 77 Resp: 146486

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1



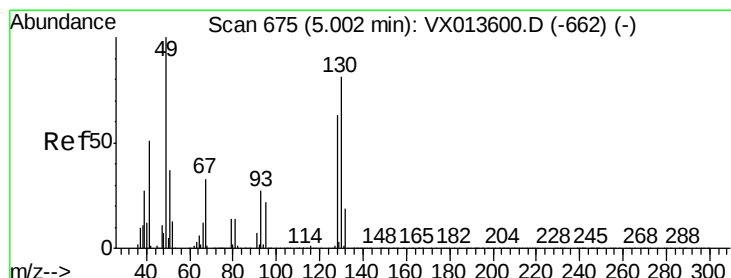
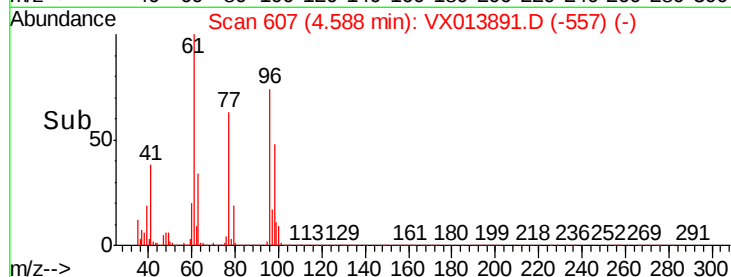
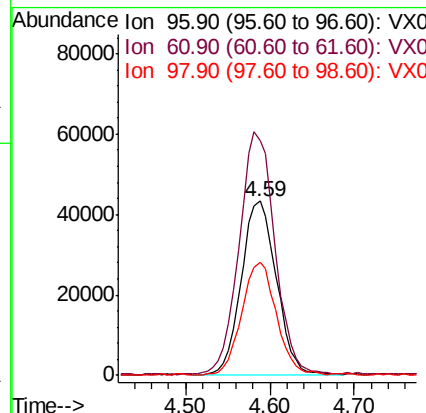
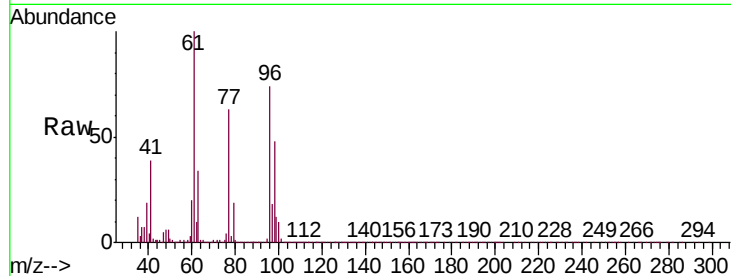


#27

cis-1,2-Dichloroethene
Concen: 18.990 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

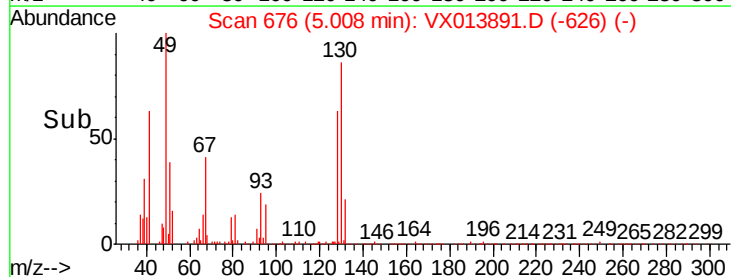
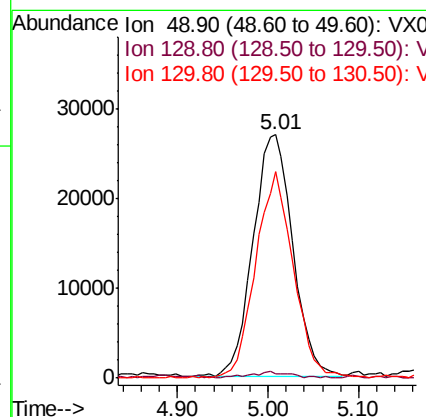
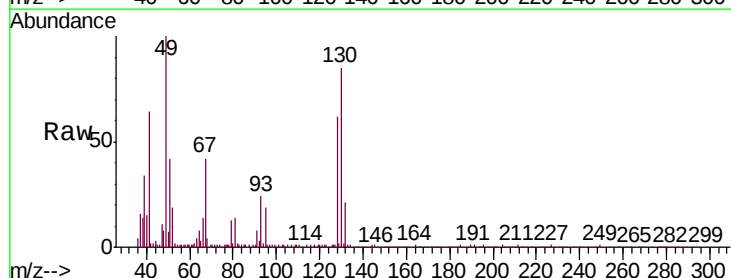
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	286.4
98	63.1	0.0	127.4

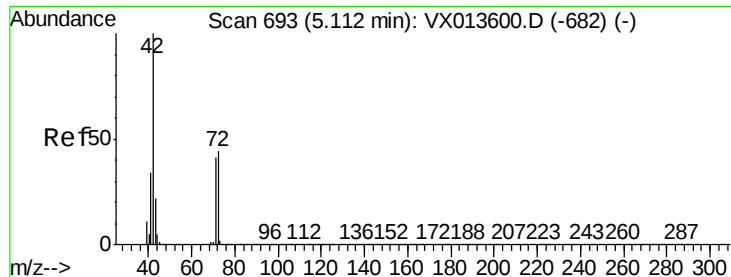


#28

Bromochloromethane
Concen: 21.149 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	80.3	65.4	98.0





#29

Tetrahydrofuran

Concen: 100.155 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

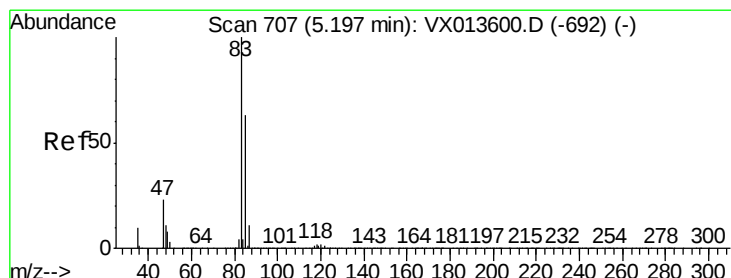
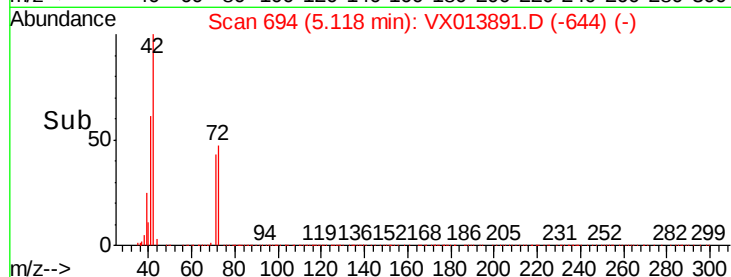
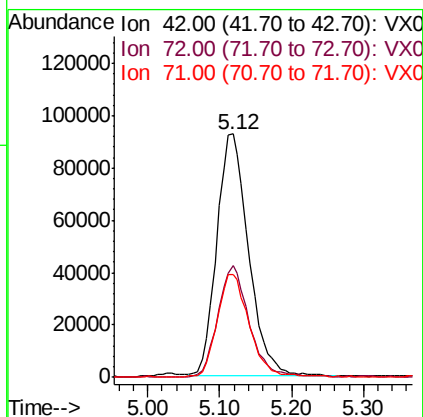
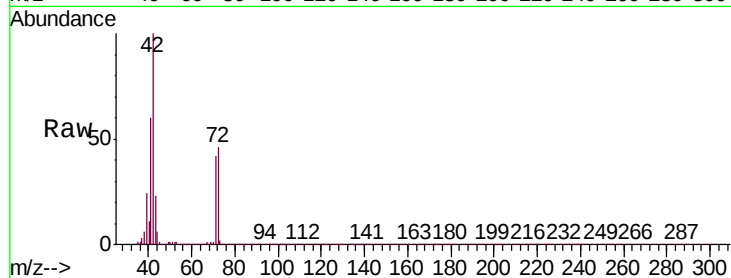
Tgt Ion: 42 Resp: 283419

Ion Ratio Lower Upper

42 100

72 45.1 36.3 54.5

71 42.4 33.2 49.8



#30

Chloroform

Concen: 19.313 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013891.D

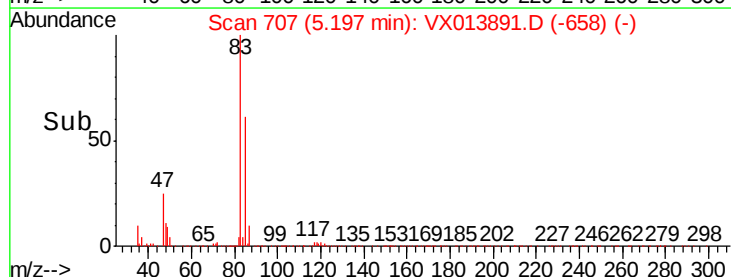
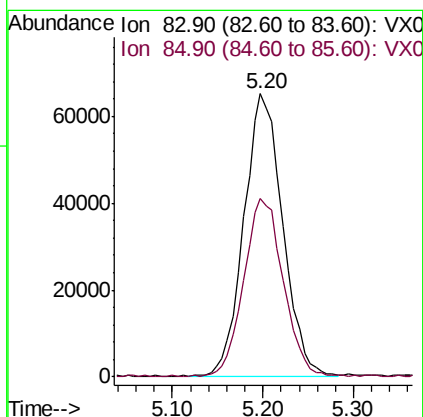
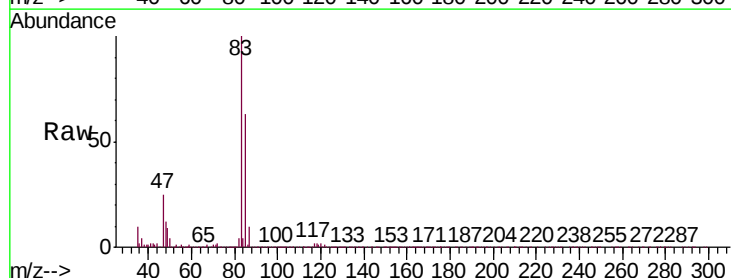
Acq: 10 Dec 2019 12:24

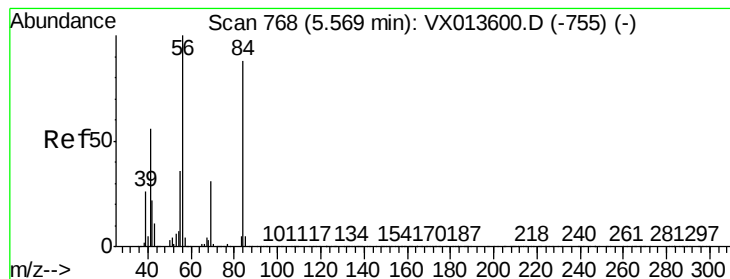
Tgt Ion: 83 Resp: 191905

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4





#31

Cyclohexane

Concen: 18.306 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

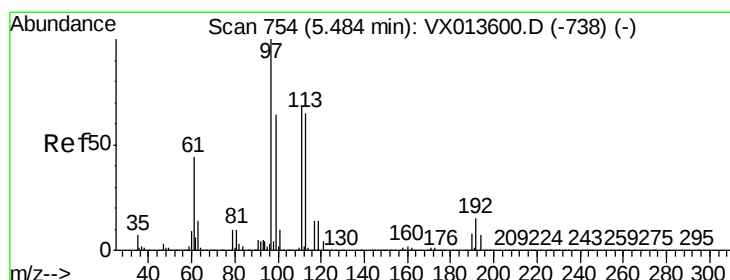
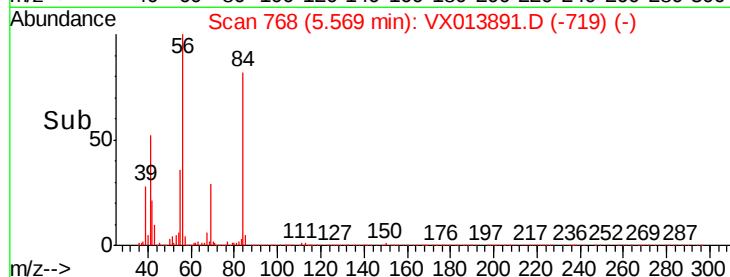
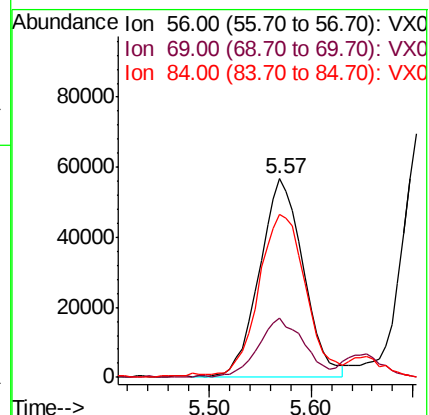
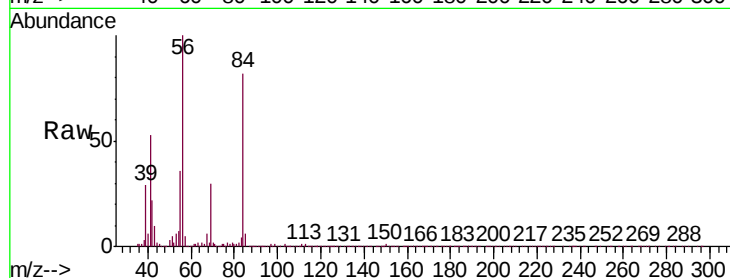
Tgt Ion: 56 Resp: 169171

Ion Ratio Lower Upper

56 100

69 29.1 24.6 36.8

84 79.9 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 18.764 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

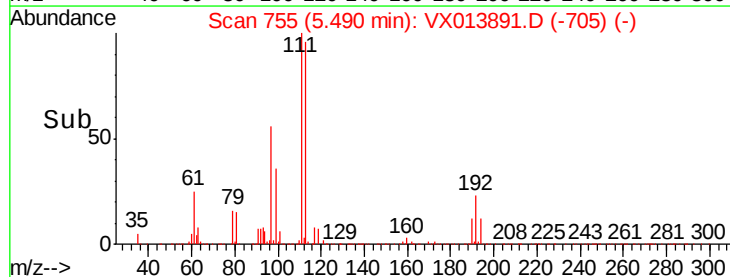
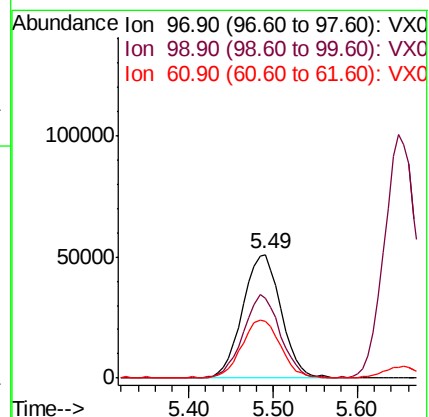
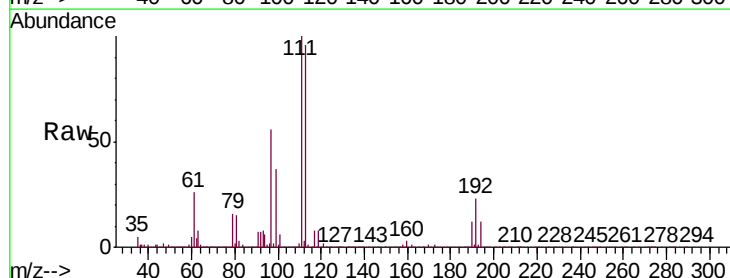
Tgt Ion: 97 Resp: 155806

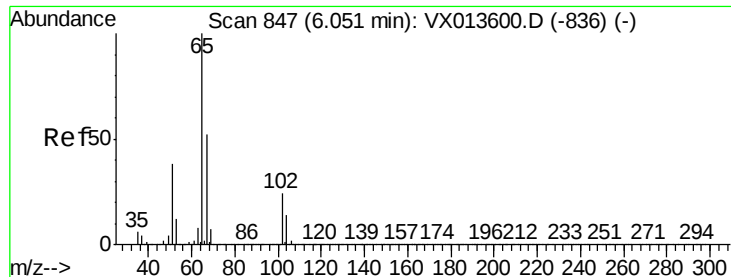
Ion Ratio Lower Upper

97 100

99 65.7 51.6 77.4

61 46.9 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.750 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

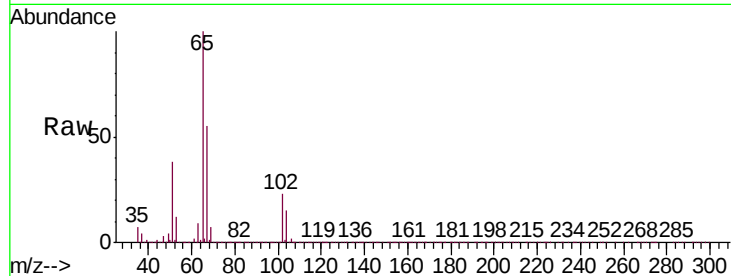
VX1210WBS01

Tgt Ion: 65 Resp: 298722

Ion Ratio Lower Upper

65 100

67 54.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

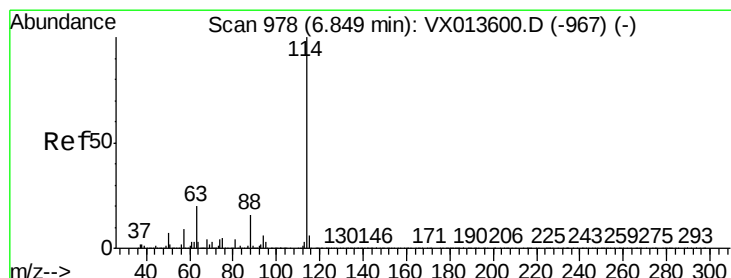
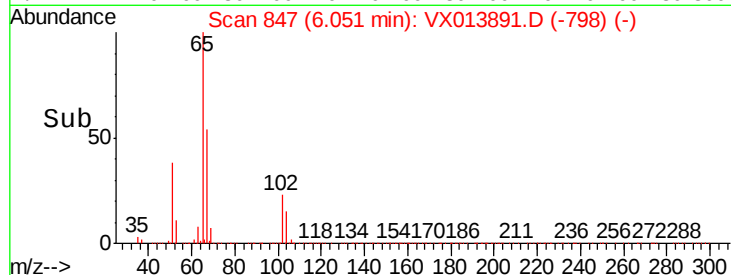
100000

50000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

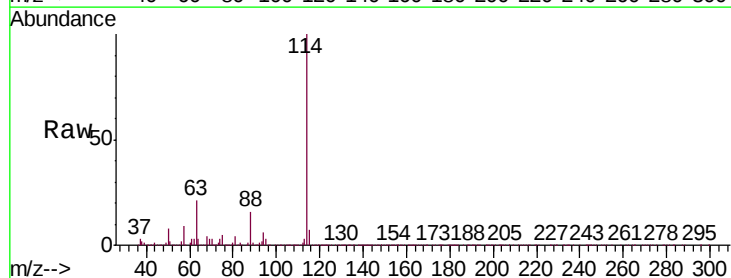
Tgt Ion: 114 Resp: 828865

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.6

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

300000

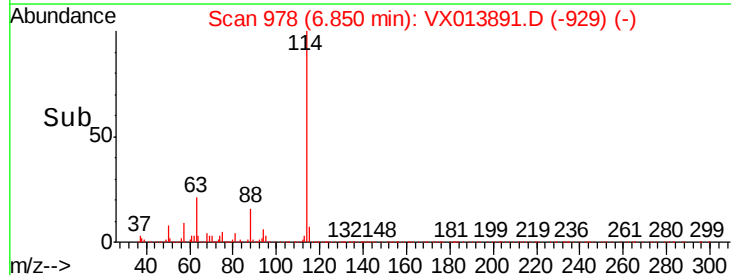
200000

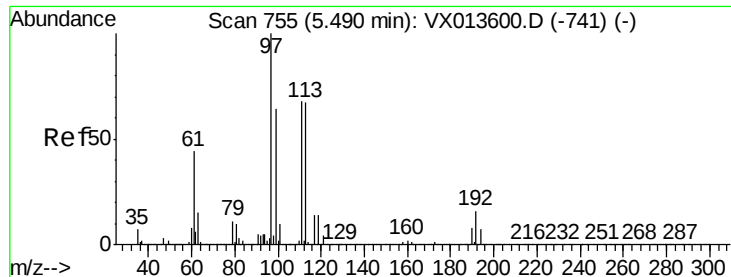
100000

0

Time-->

6.70 6.80 6.90 7.00

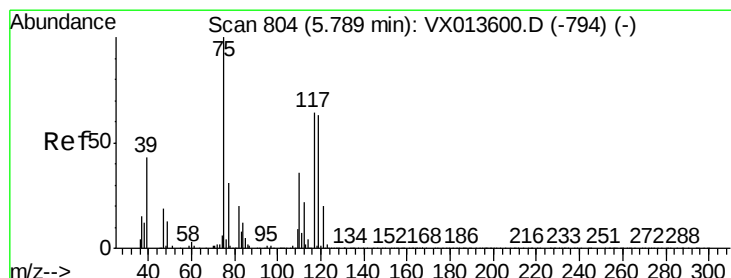
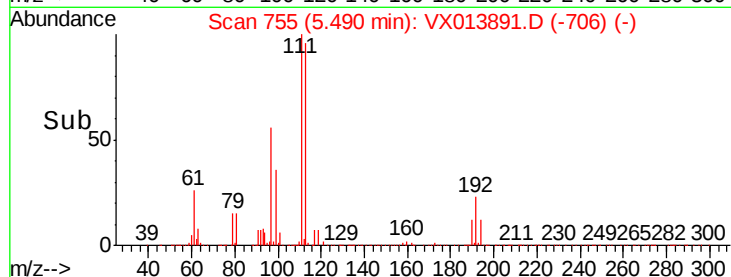
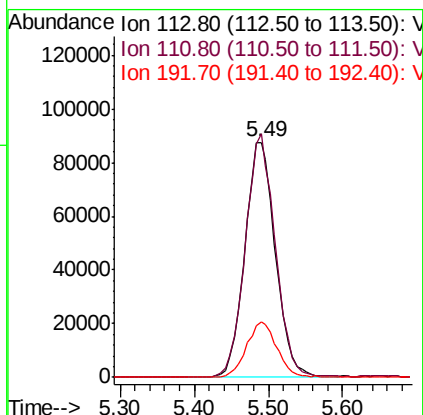
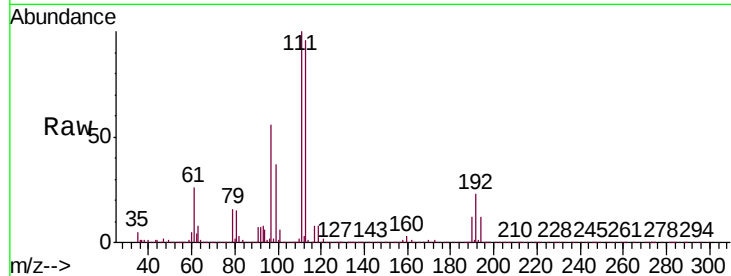




#35
Dibromofluoromethane
Concen: 49.342 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

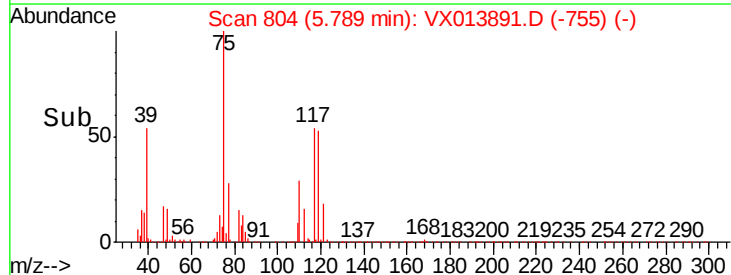
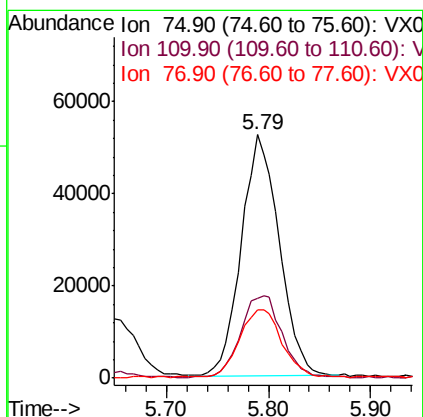
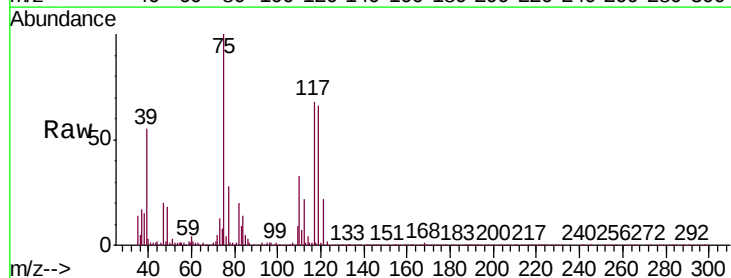
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

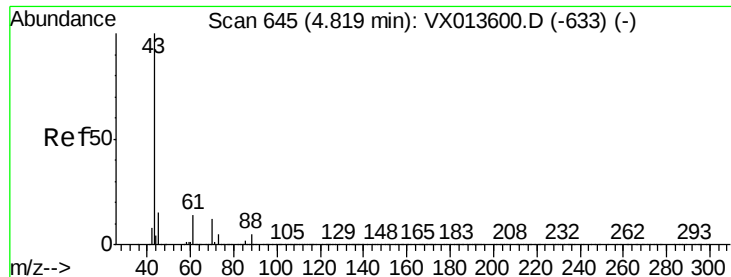
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.6	125.4
192	23.1	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.051 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.1	54.1
77	31.0	24.5	36.7

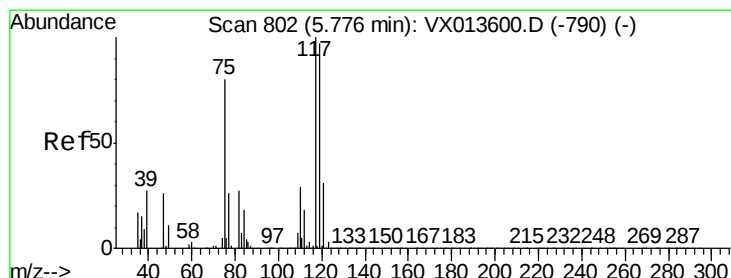
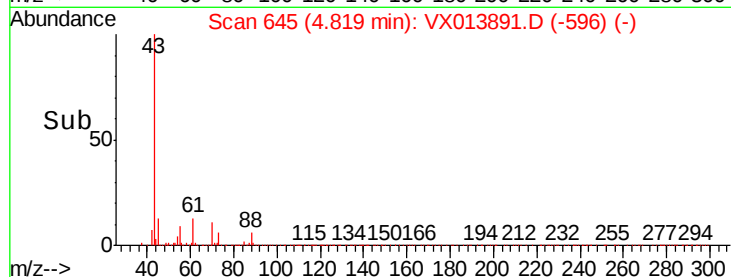
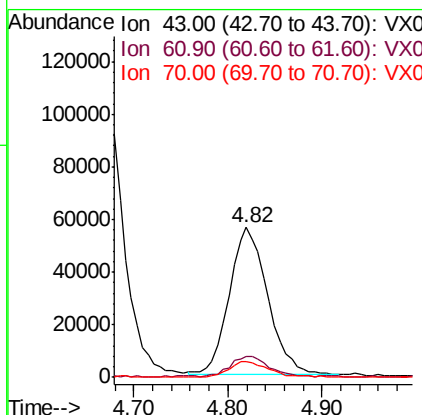
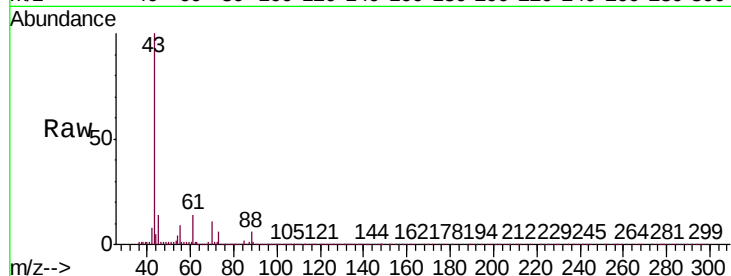




#37
Ethyl Acetate
Concen: 18.961 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

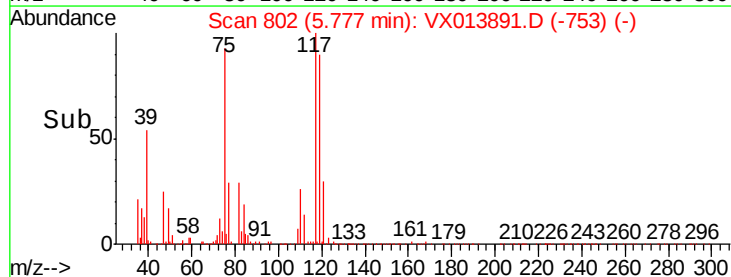
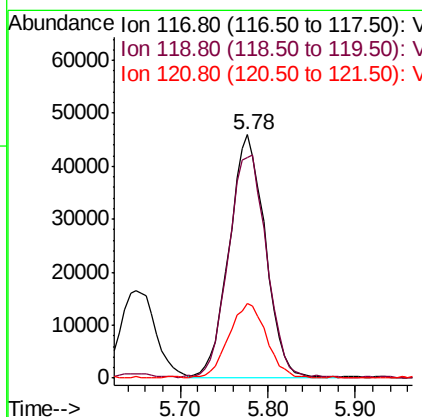
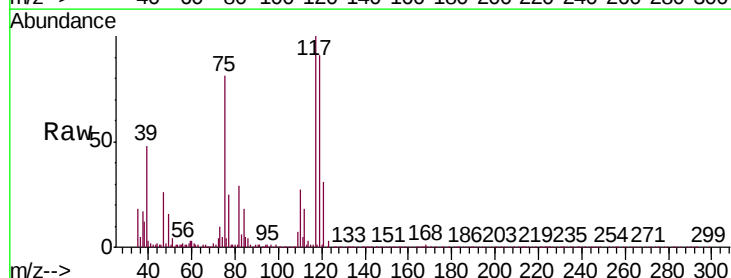
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

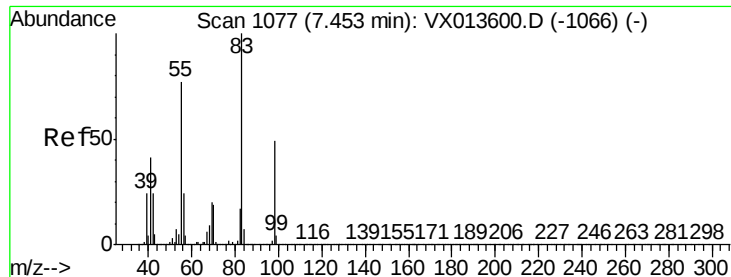
Tgt Ion: 43 Resp: 160048
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.1 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.797 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 117 Resp: 130407
Ion Ratio Lower Upper
117 100
119 90.6 77.5 116.3
121 30.4 25.0 37.6

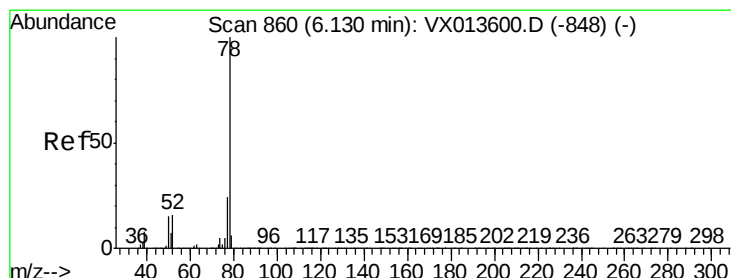
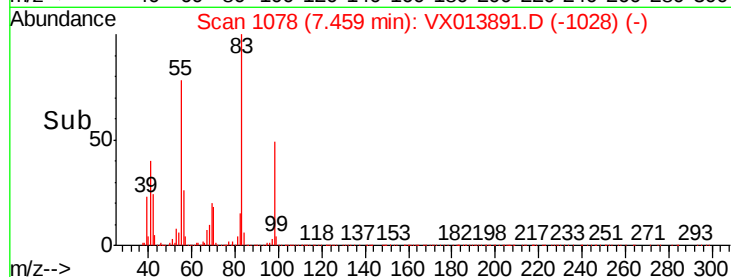
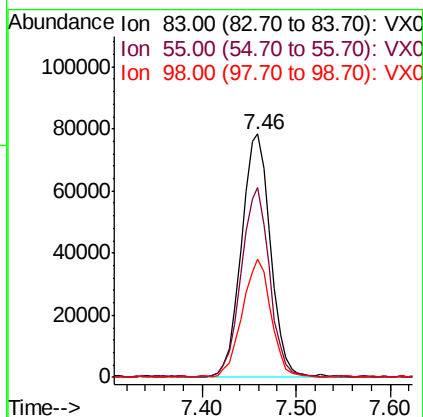
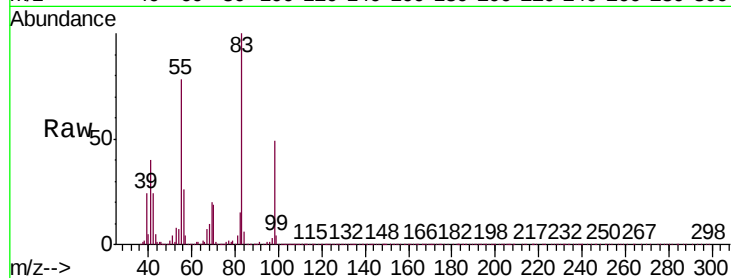




#39
Methylcyclohexane
Concen: 18.174 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

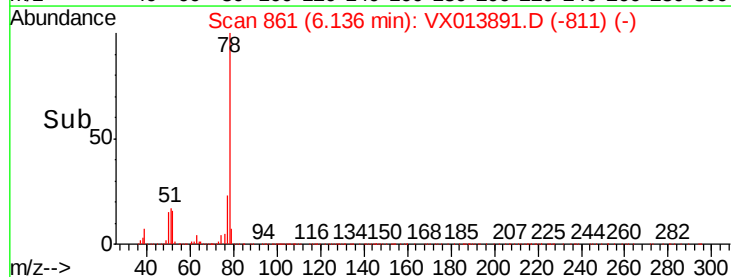
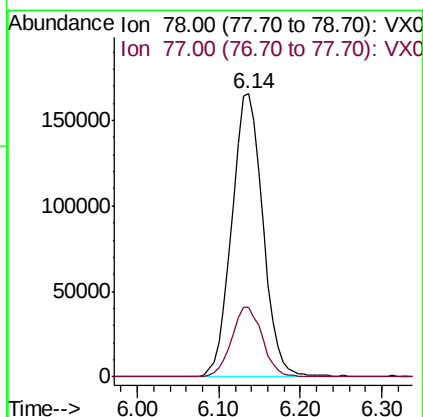
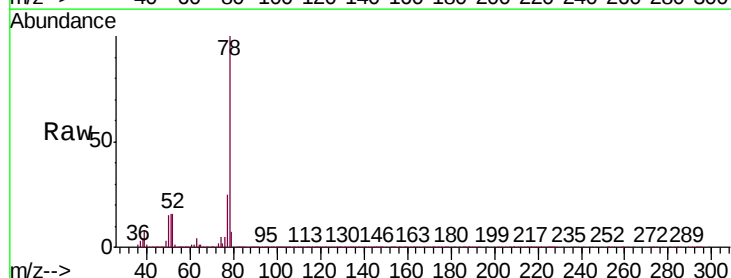
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

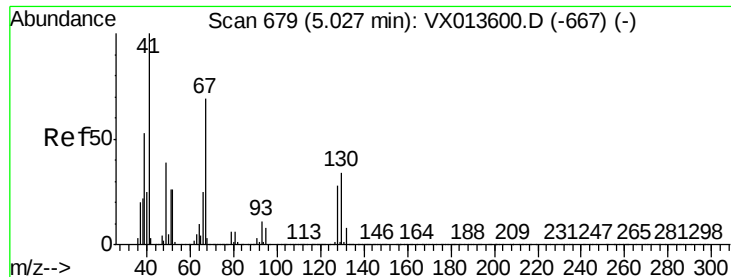
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.9	92.9
98	48.5	39.4	59.0



#40
Benzene
Concen: 18.952 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4





#41

Methacrylonitrile

Concen: 19.803 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion: 41 Resp: 91671

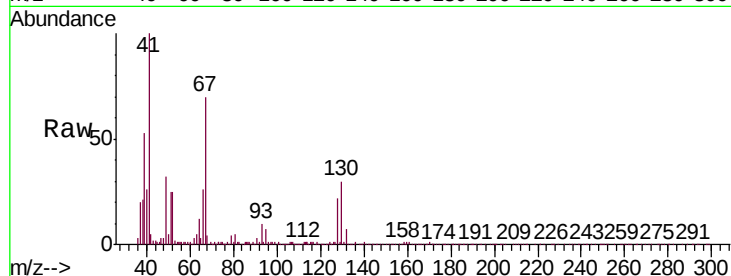
Ion Ratio Lower Upper

41 100

39 53.9 42.9 64.3

67 74.4 57.4 86.0

52 28.7 22.4 33.6



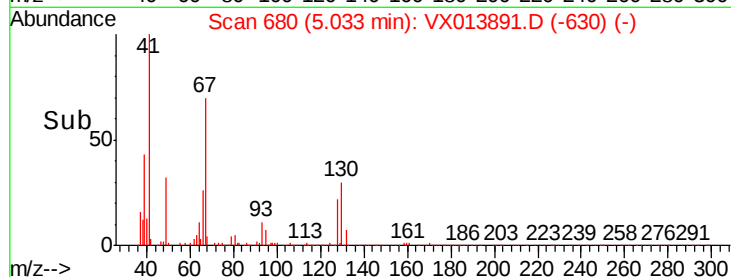
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

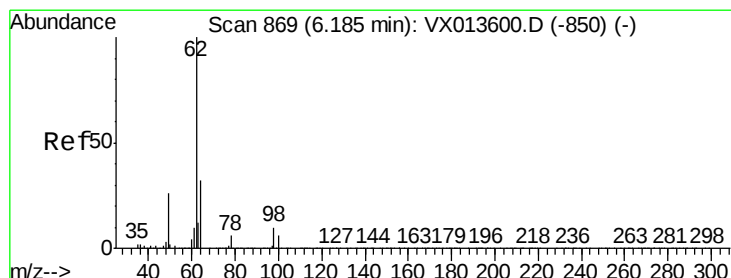
Ion 52.00 (51.70 to 52.70): VX0

Time-->



Abundance

Time-->



#42

1,2-Dichloroethane

Concen: 19.584 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013891.D

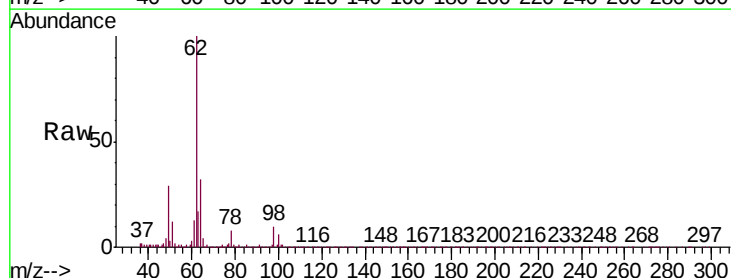
Acq: 10 Dec 2019 12:24

Tgt Ion: 62 Resp: 153053

Ion Ratio Lower Upper

62 100

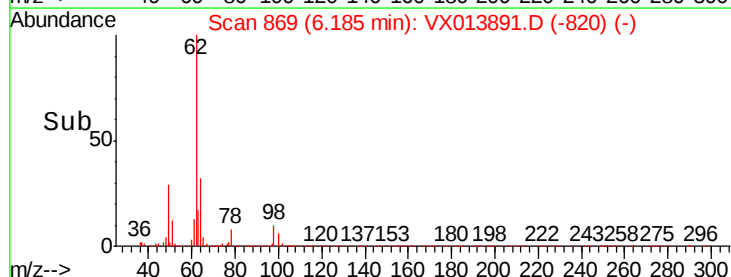
98 10.8 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

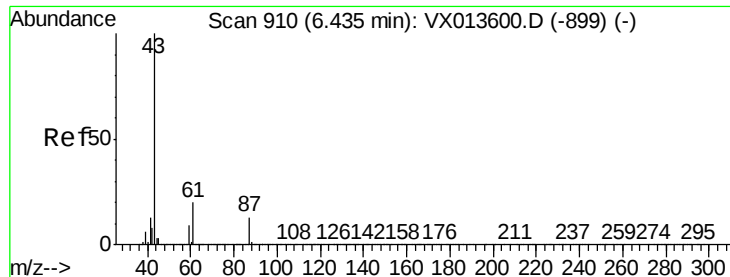
Ion 97.90 (97.60 to 98.60): VX0

Time-->



Abundance

Time-->



#43

Isopropyl Acetate

Concen: 19.135 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

VX1210WBS01

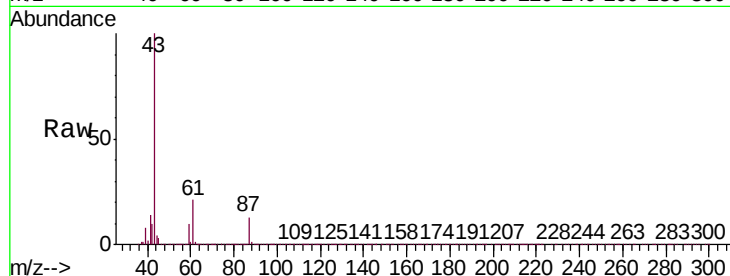
Tgt Ion: 43 Resp: 265901

Ion Ratio Lower Upper

43 100

61 21.2 16.3 24.5

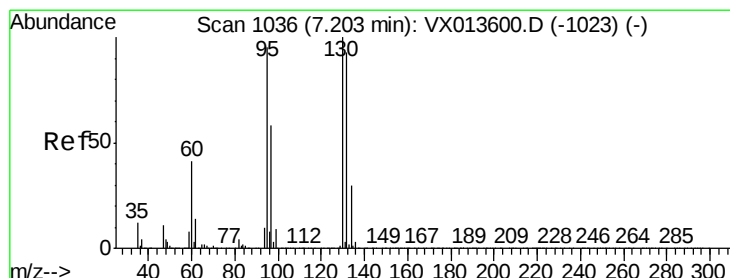
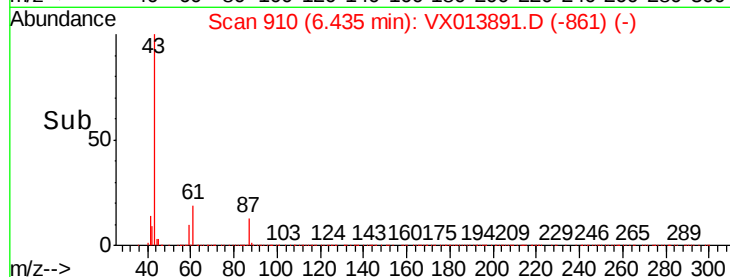
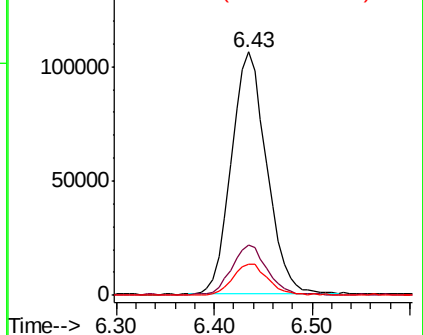
87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.402 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013891.D

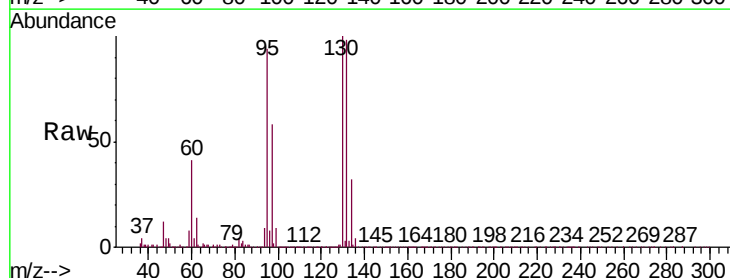
Acq: 10 Dec 2019 12:24

Tgt Ion: 130 Resp: 115734

Ion Ratio Lower Upper

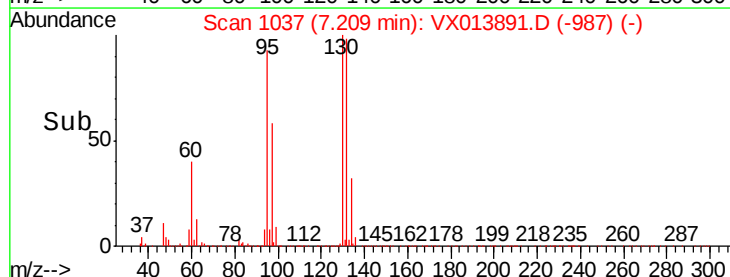
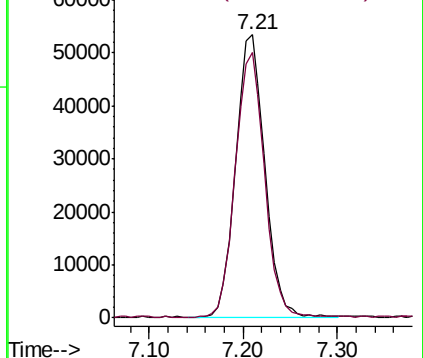
130 100

95 93.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

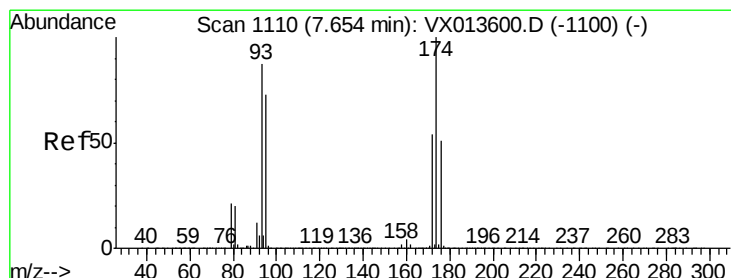
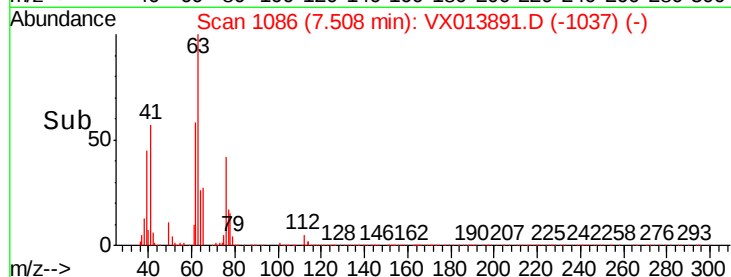
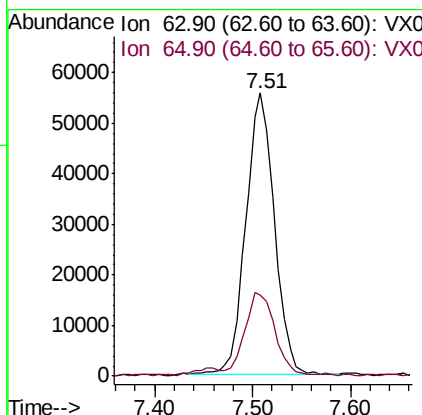
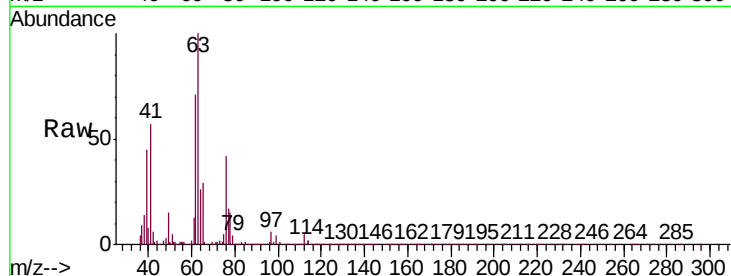




#45
 1,2-Dichloropropane
 Concen: 19.473 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

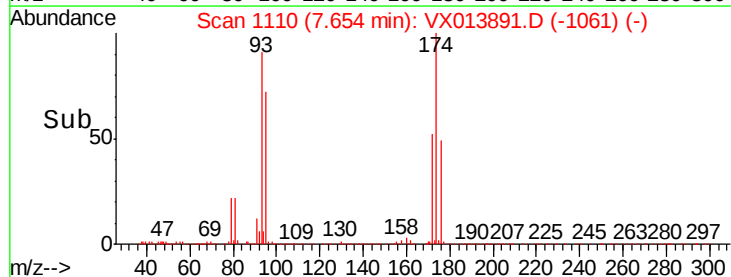
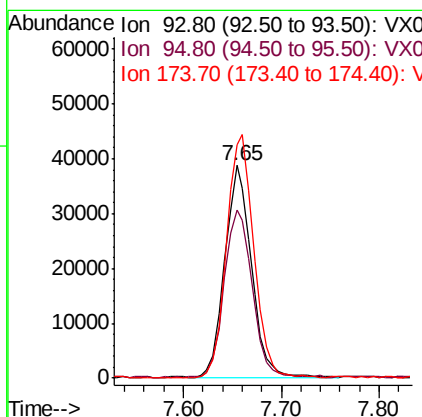
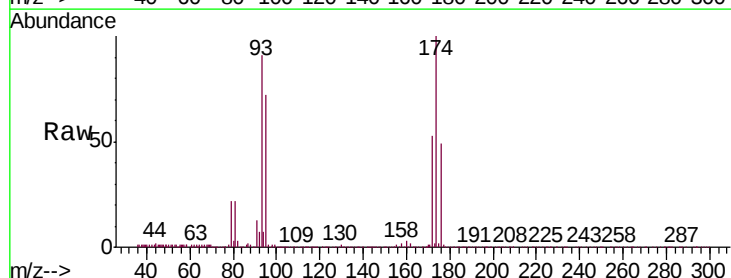
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tgt Ion: 63 Resp: 111649
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.5 38.3



#46
 Dibromomethane
 Concen: 19.003 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion: 93 Resp: 73996
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.2 99.2
 174 116.5 93.4 140.0





#47

Bromodichloromethane

Concen: 19.490 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

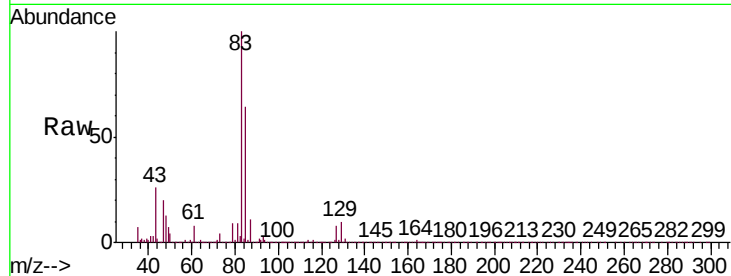
Tgt Ion: 83 Resp: 143477

Ion Ratio Lower Upper

83 100

85 64.1 52.1 78.1

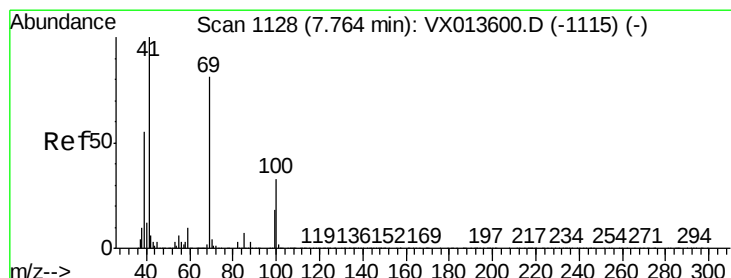
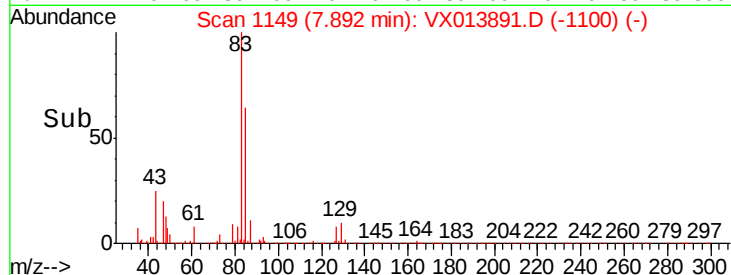
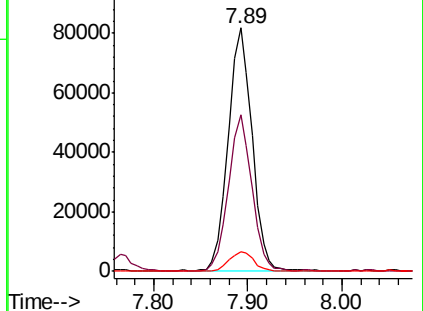
127 7.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.494 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

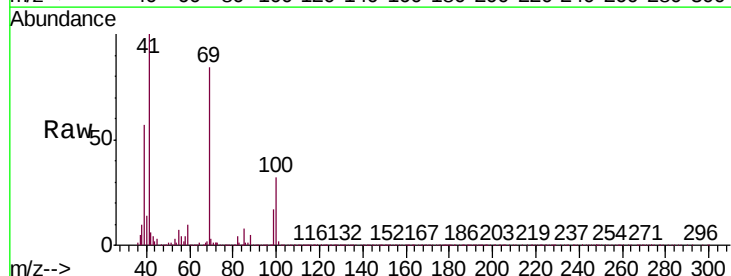
Tgt Ion: 41 Resp: 131621

Ion Ratio Lower Upper

41 100

69 81.0 64.7 97.1

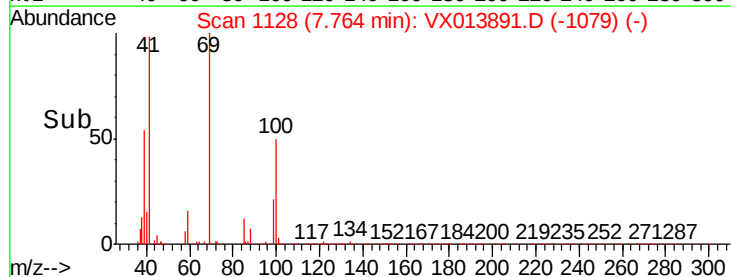
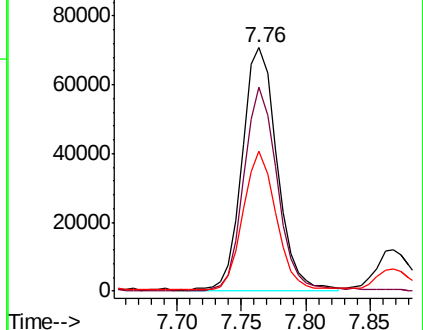
39 54.6 43.8 65.6

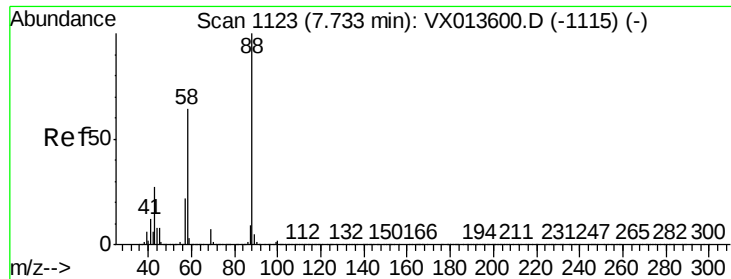


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

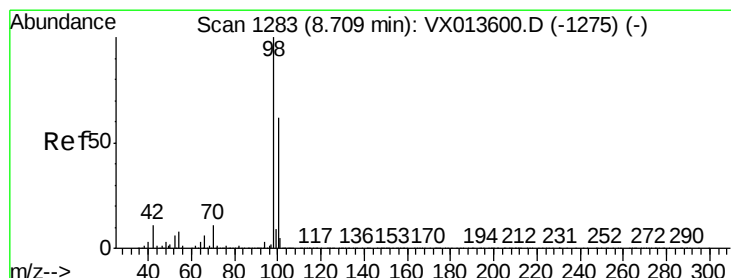
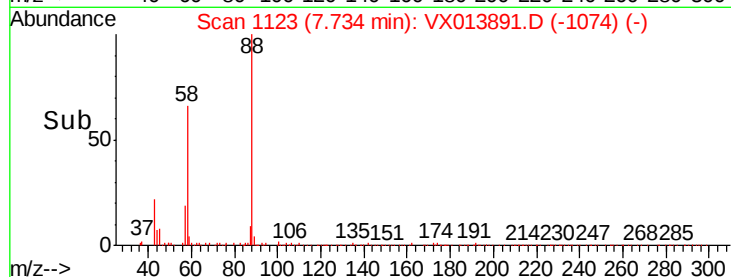
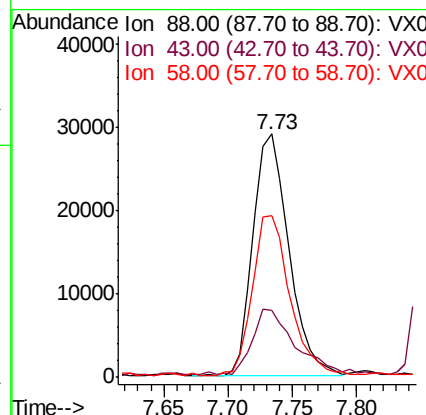
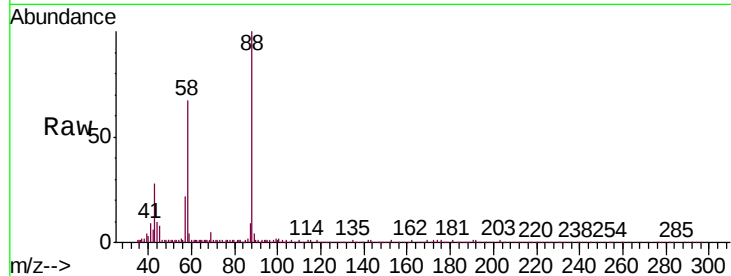




#49
1,4-Dioxane
Concen: 371.258 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

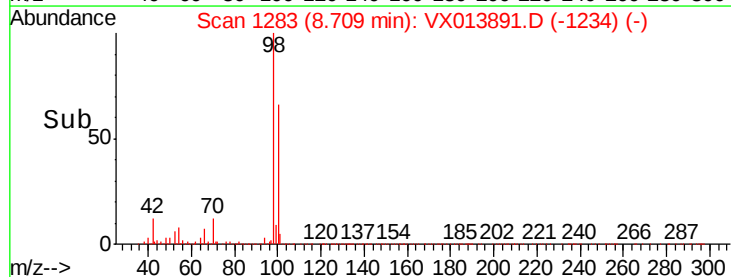
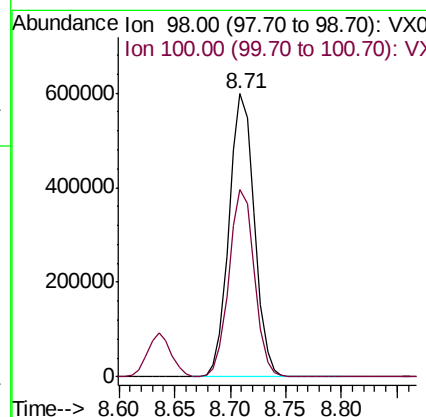
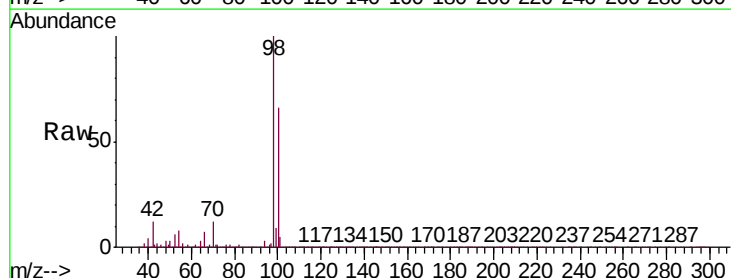
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

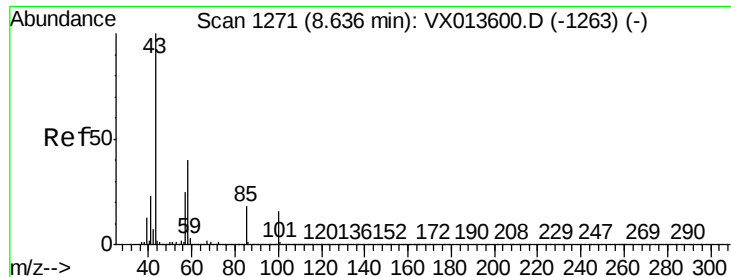
Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.8	38.6
58	69.3	54.6	82.0



#50
Toluene-d8
Concen: 47.240 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7

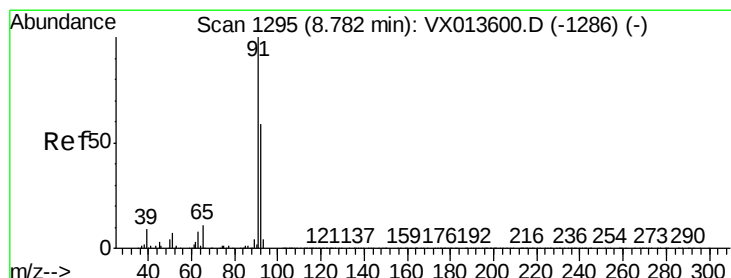
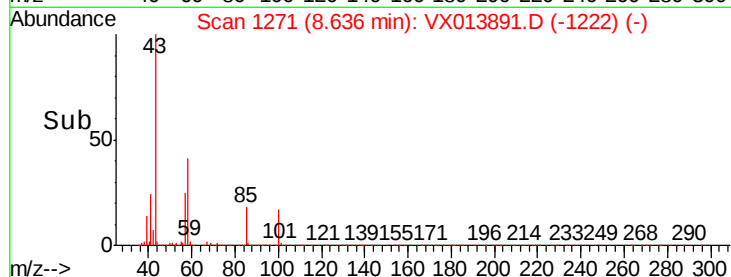
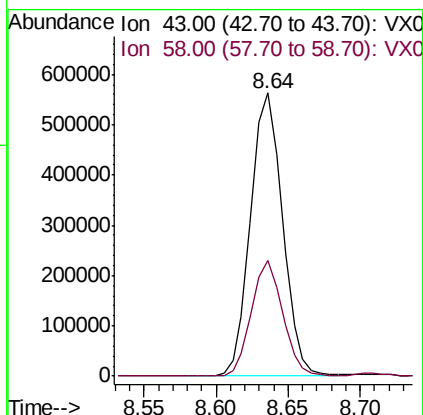
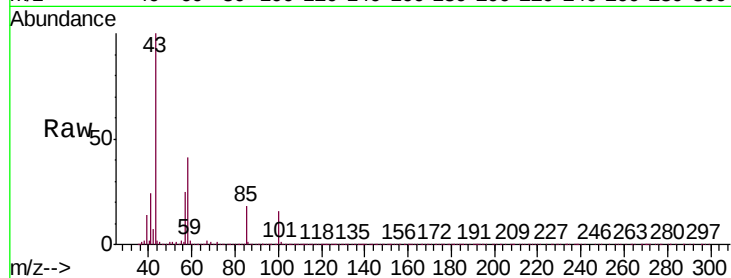




#51
 4-Methyl-2-Pentanone
 Concen: 99.177 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

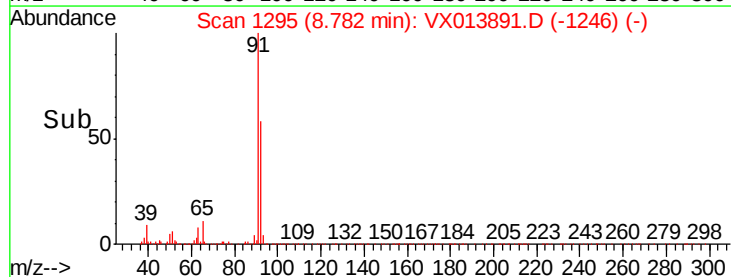
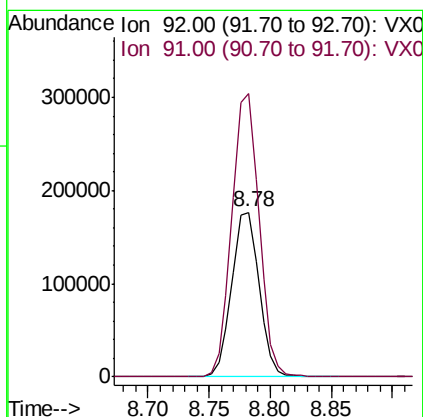
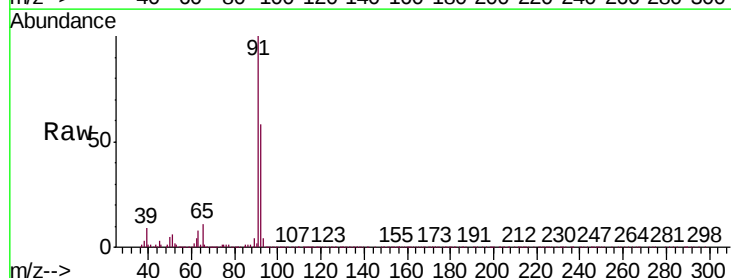
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

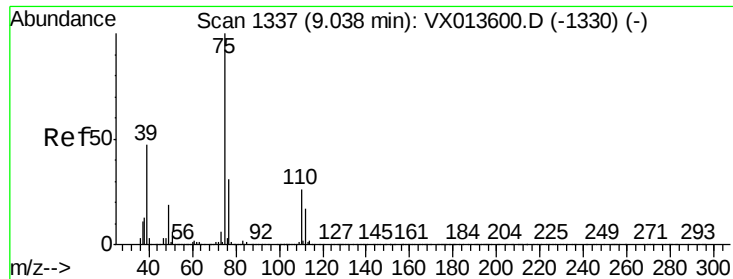
Tgt Ion: 43 Resp: 866910
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.1 48.1



#52
 Toluene
 Concen: 19.201 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion: 92 Resp: 273351
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.2 204.2

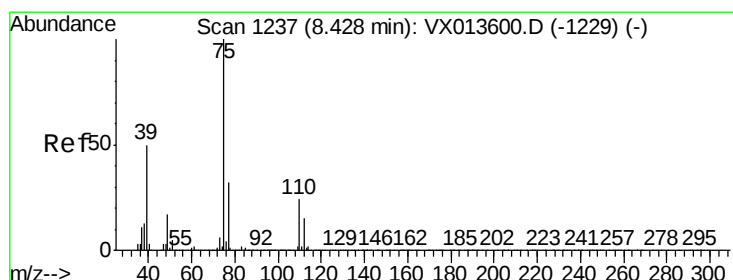
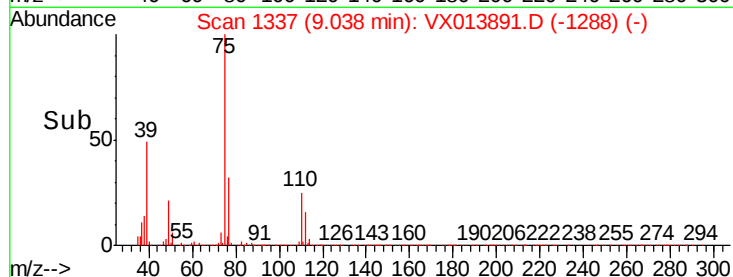
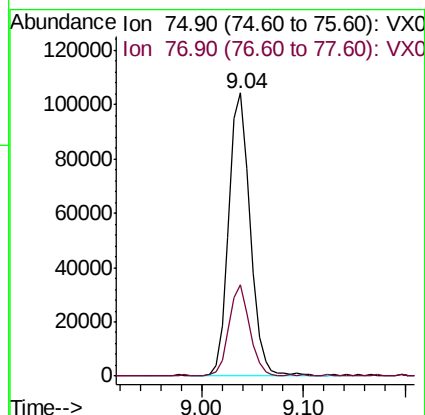
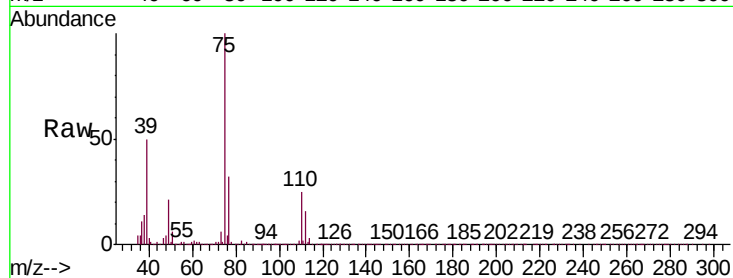




#53
 t-1,3-Dichloropropene
 Concen: 18.022 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

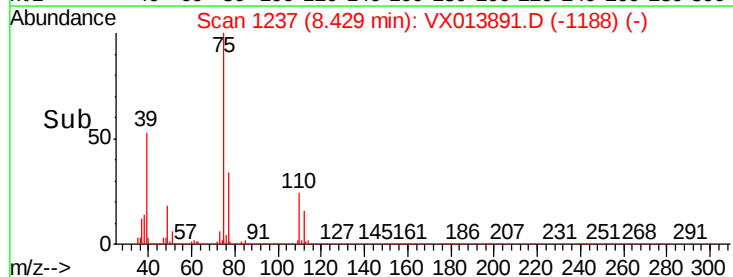
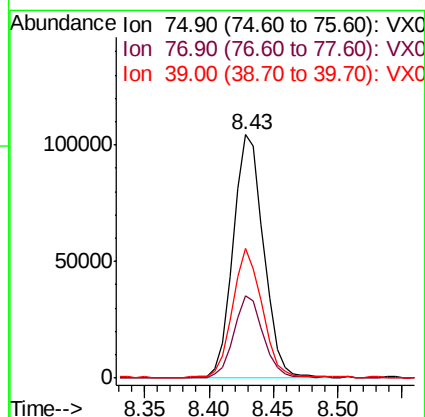
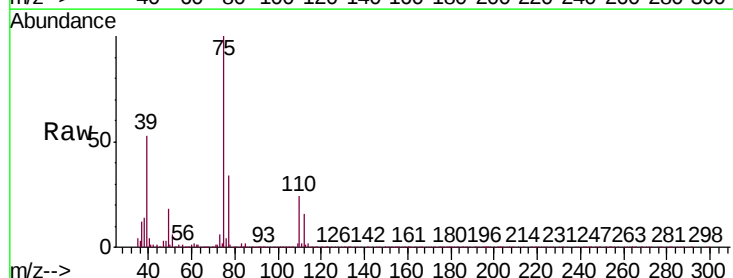
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

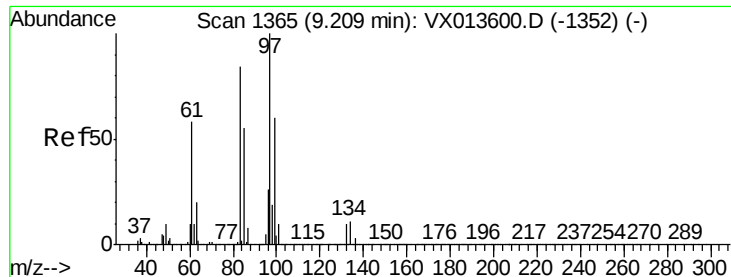
Tgt Ion: 75 Resp: 151008
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.757 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion: 75 Resp: 171709
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.8 38.6
 39 52.8 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.871 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion: 97 Resp: 114000

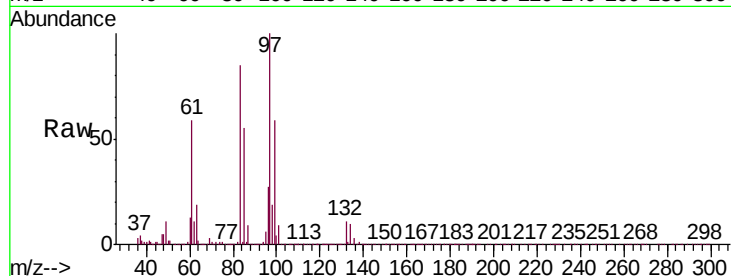
Ion Ratio Lower Upper

97 100

83 85.2 67.3 100.9

85 54.9 43.6 65.4

99 59.0 48.2 72.4

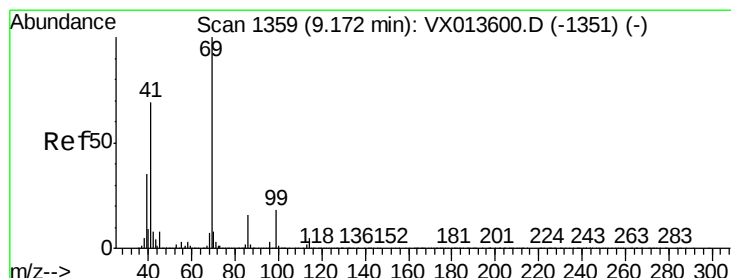
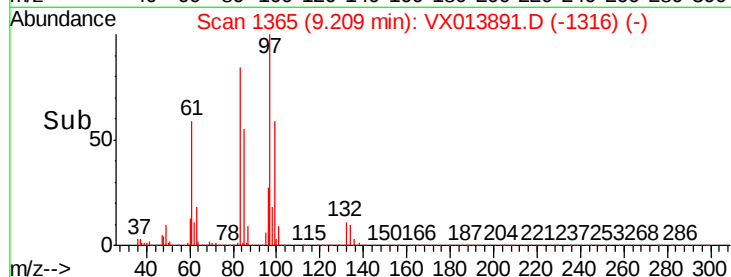
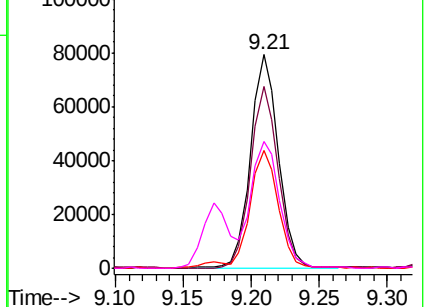


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.406 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

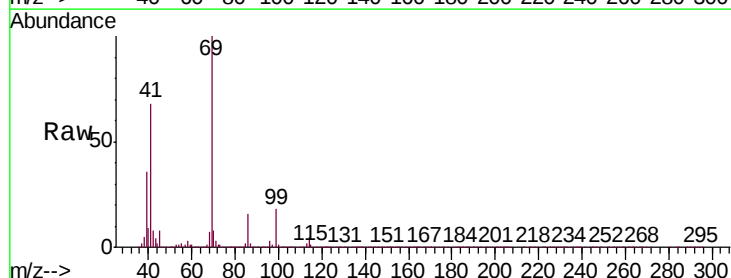
Tgt Ion: 69 Resp: 178989

Ion Ratio Lower Upper

69 100

41 67.7 55.0 82.4

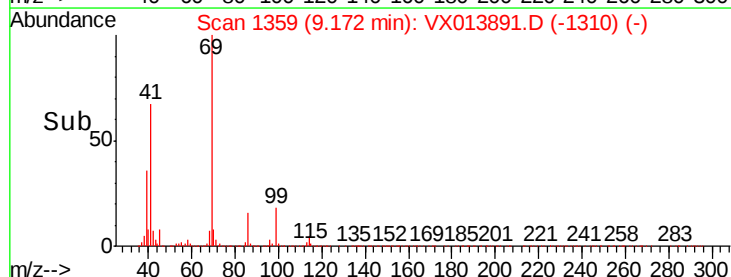
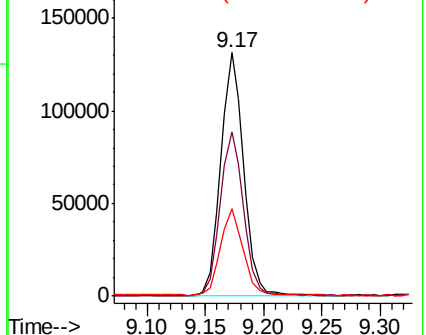
39 35.0 28.7 43.1

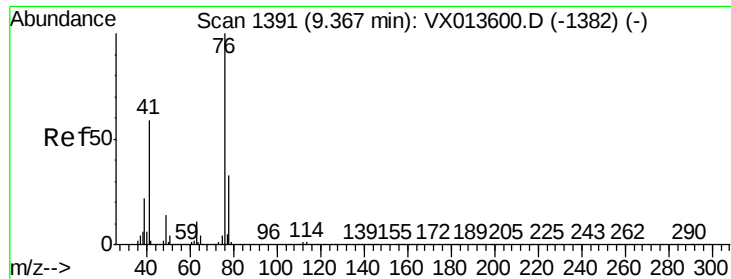


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.560 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

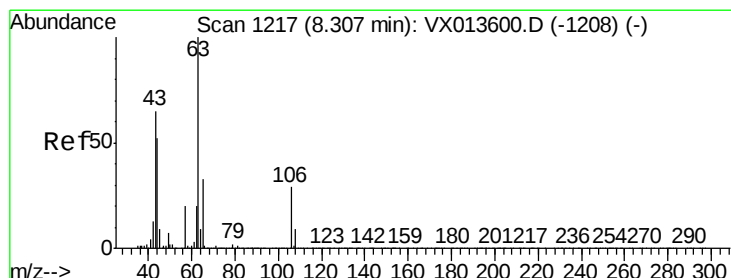
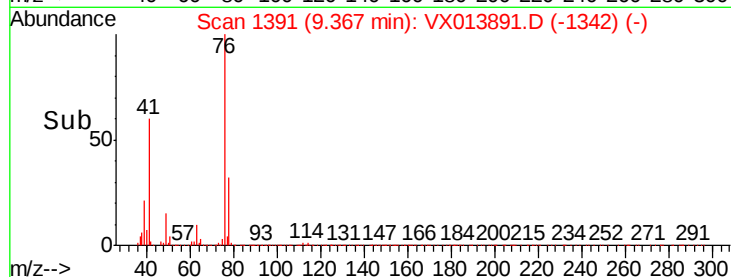
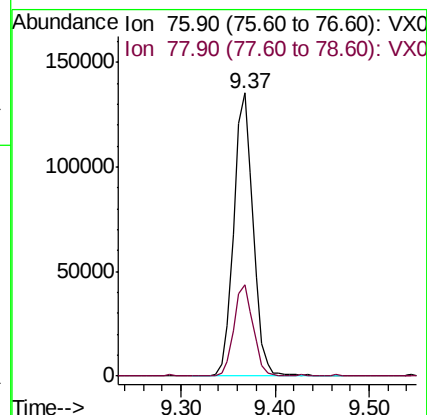
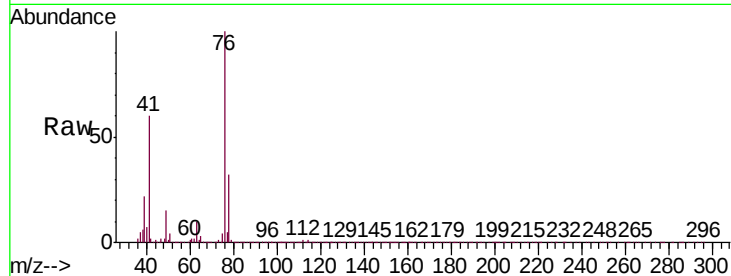
VX1210WBS01

Tgt Ion: 76 Resp: 193424

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.056 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013891.D

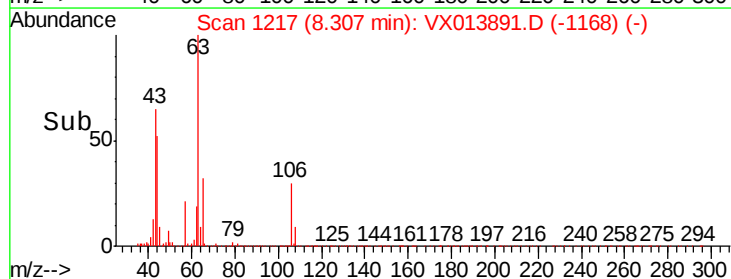
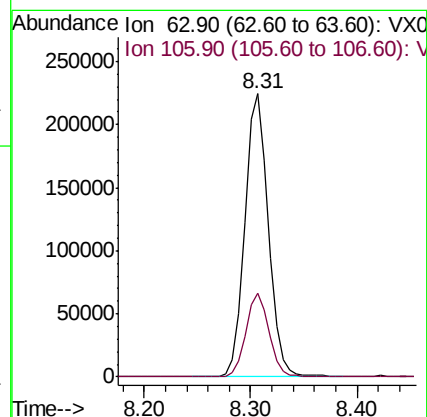
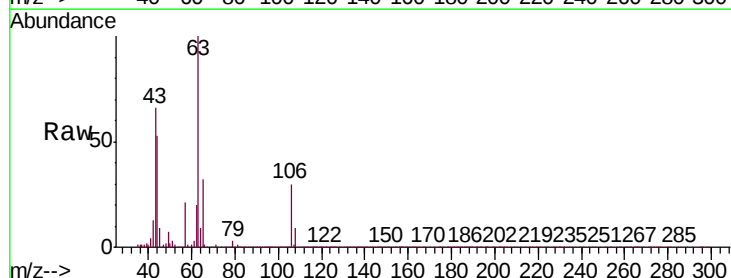
Acq: 10 Dec 2019 12:24

Tgt Ion: 63 Resp: 347365

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0

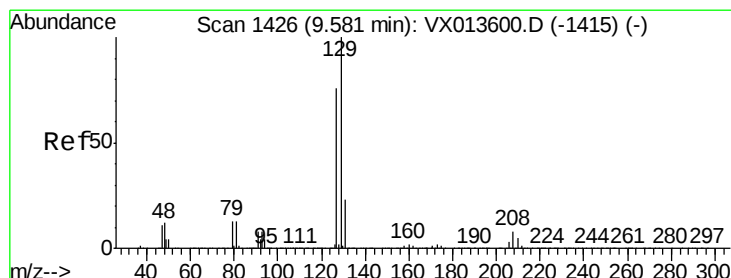
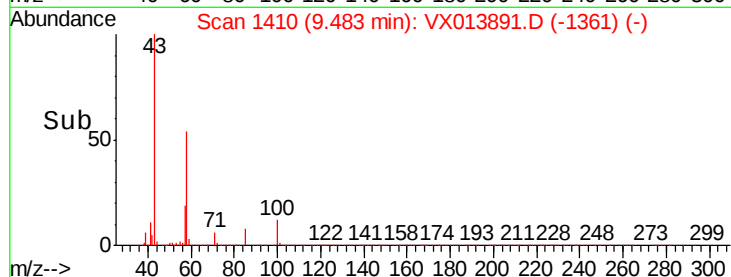
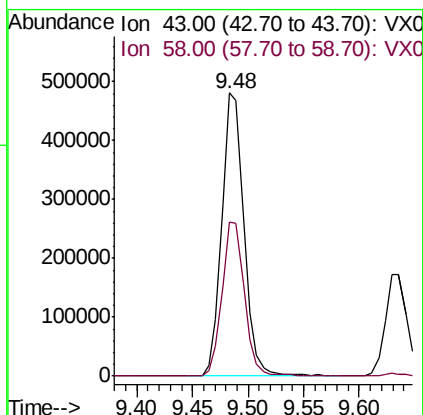
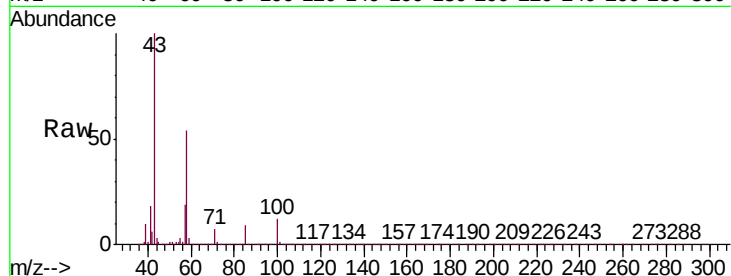




#59
2-Hexanone
Concen: 97.144 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

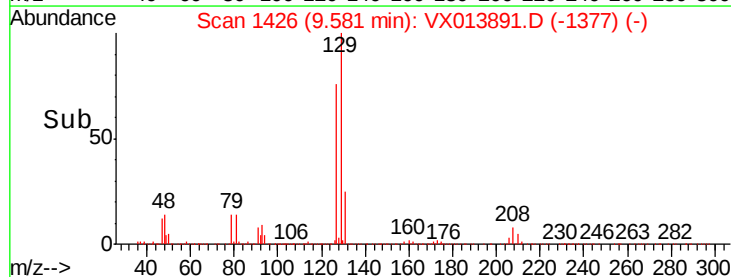
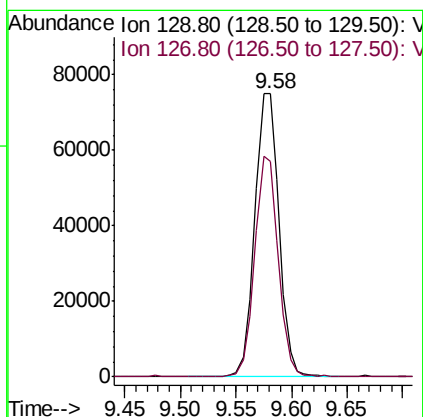
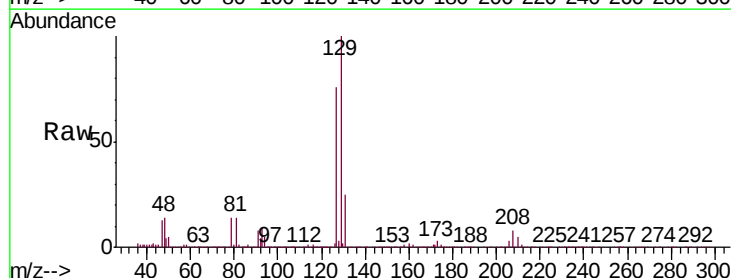
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

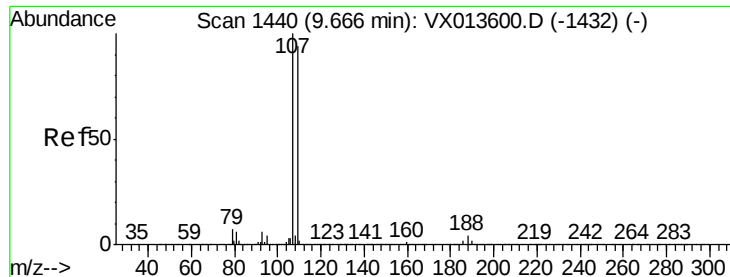
Tgt Ion: 43 Resp: 662264
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.4



#60
Dibromochloromethane
Concen: 19.117 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 129 Resp: 113814
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.364 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

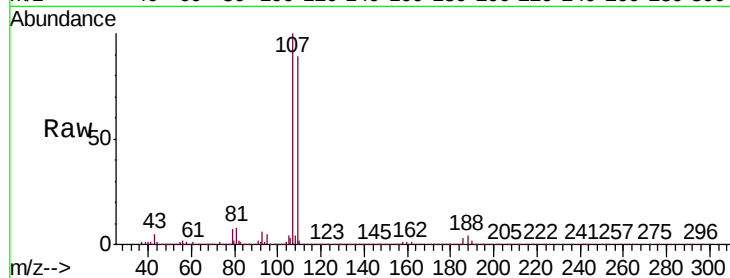
VX1210WBS01

Tgt Ion: 107 Resp: 118646

Ion Ratio Lower Upper

107 100

109 94.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

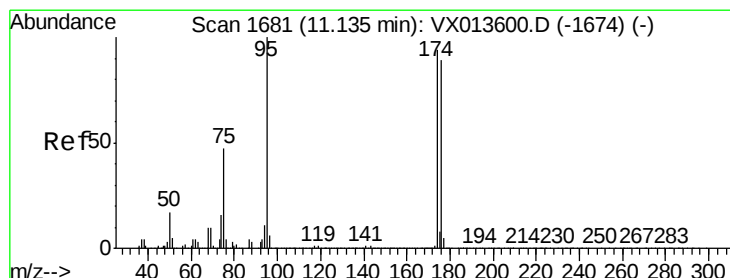
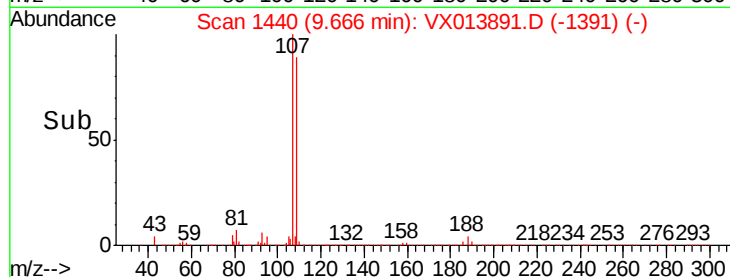
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 45.945 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

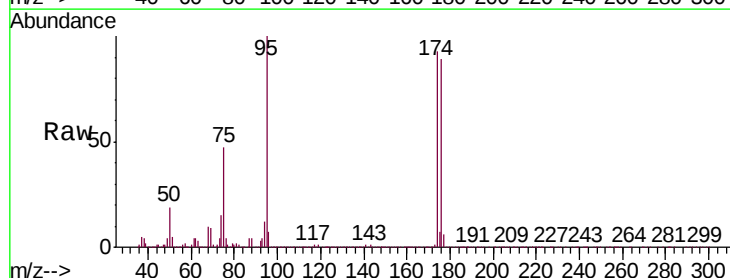
Tgt Ion: 95 Resp: 330769

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.0

176 87.3 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

300000

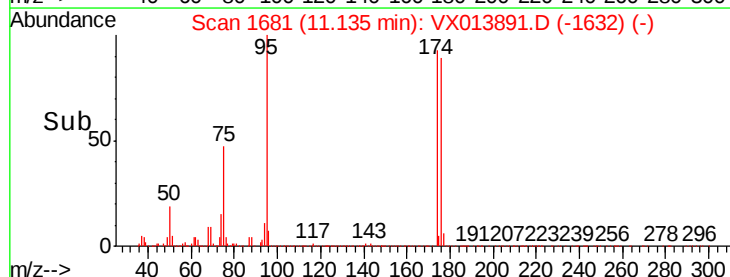
200000

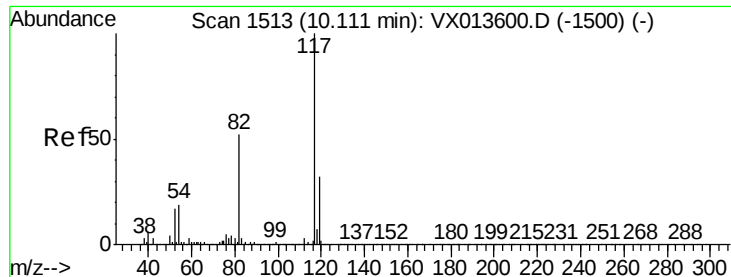
100000

0

11.05 11.10 11.15 11.20

Time-->

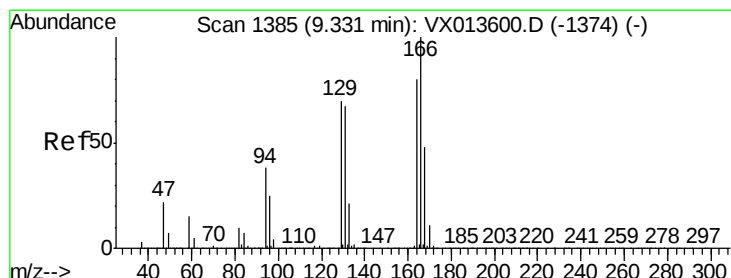
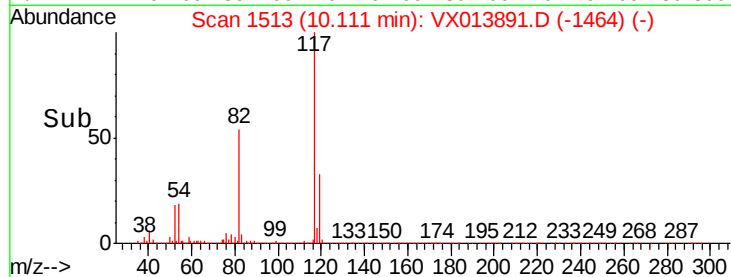
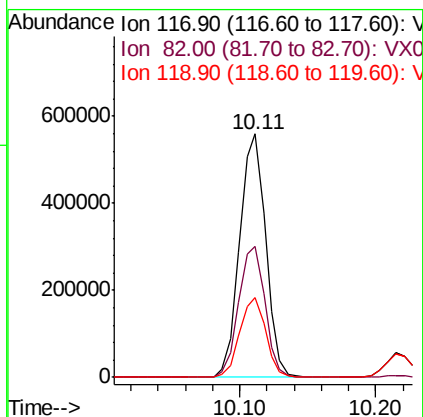
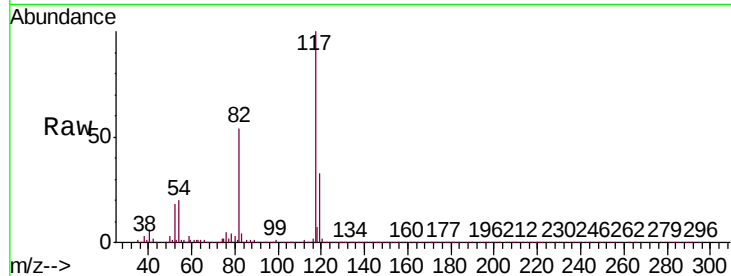




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

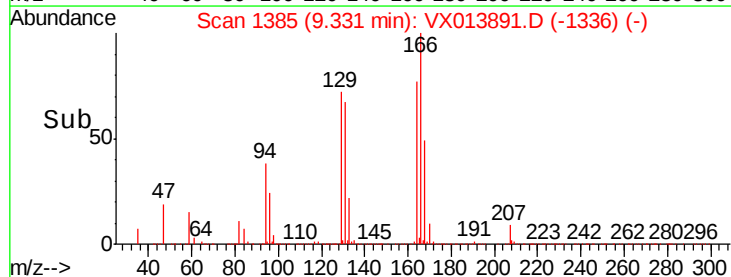
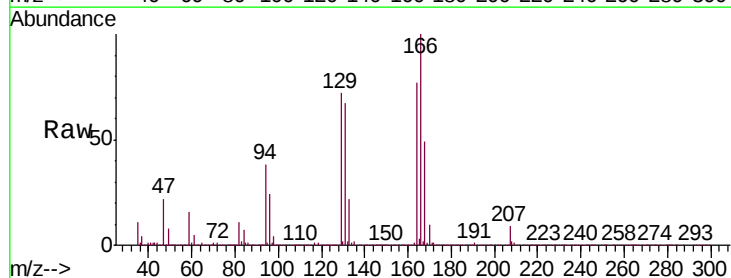
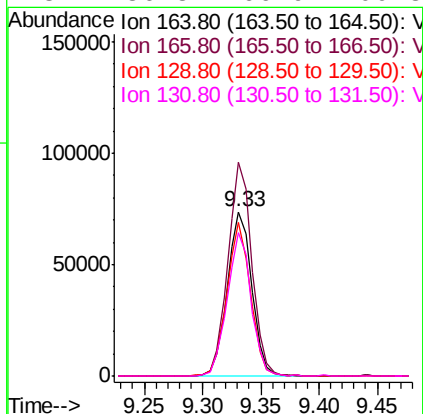
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

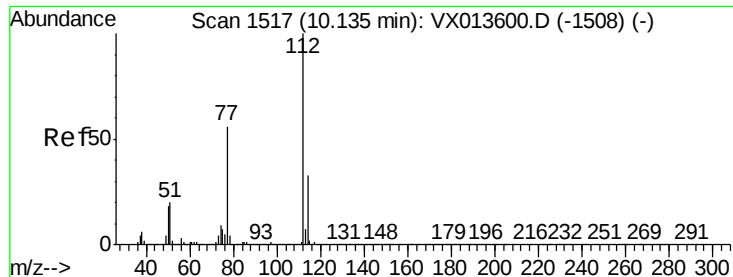
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.8
119	32.9	25.8	38.8



#64
Tetrachloroethene
Concen: 19.320 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	93.2	70.1	105.1
131	86.8	66.9	100.3





#65

Chlorobenzene

Concen: 18.860 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

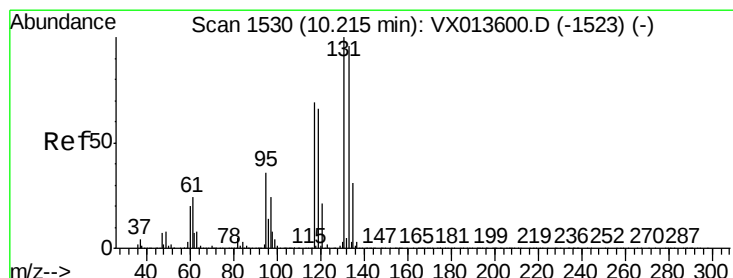
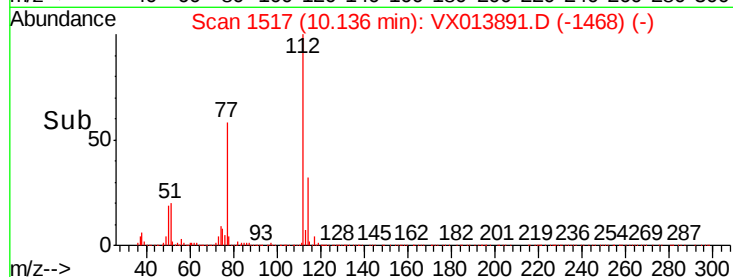
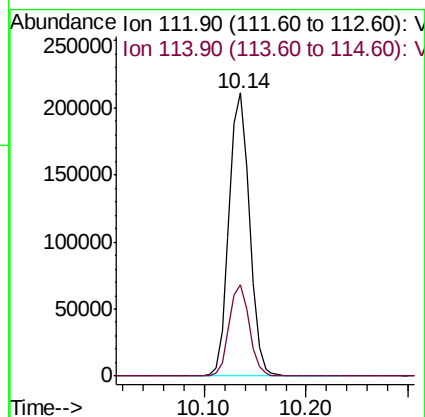
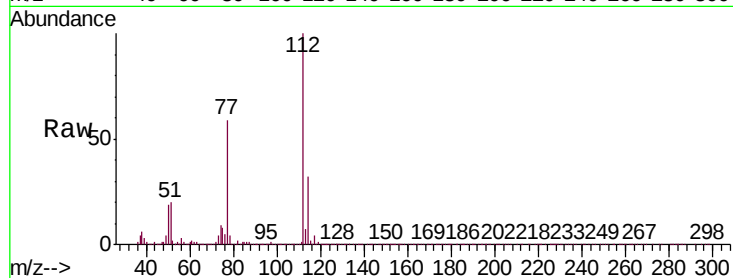
VX1210WBS01

Tgt Ion:112 Resp: 292719

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.534 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

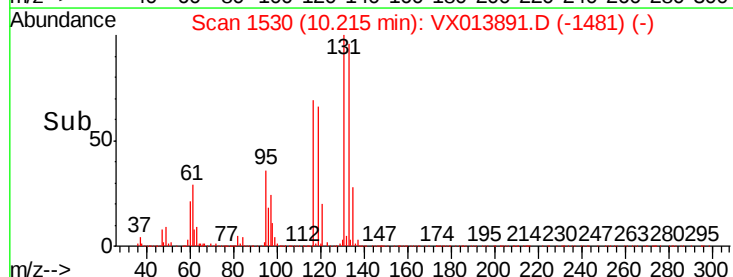
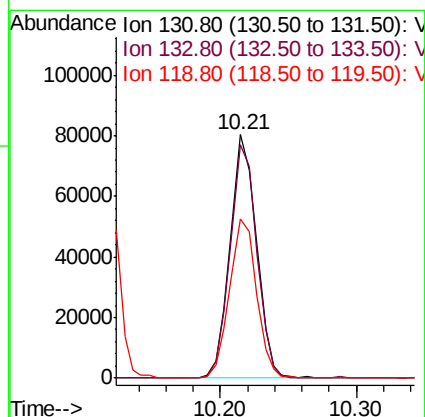
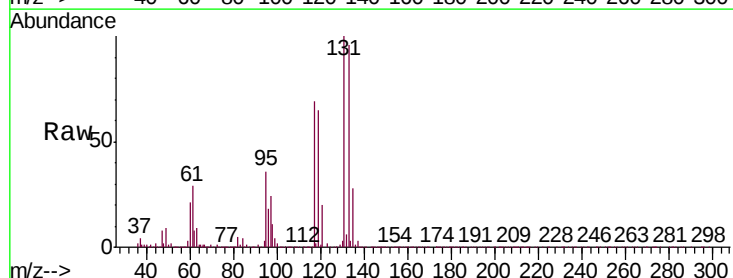
Tgt Ion:131 Resp: 108864

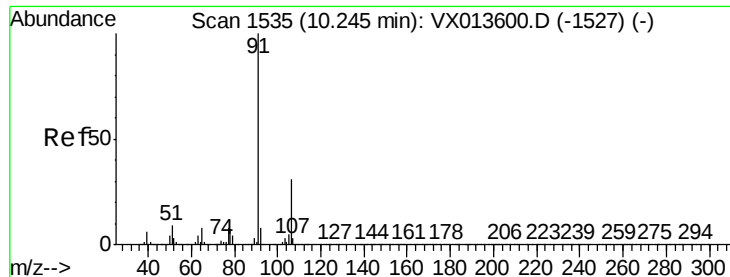
Ion Ratio Lower Upper

131 100

133 97.0 47.7 143.1

119 66.0 32.9 98.6





#67

Ethyl Benzene

Concen: 19.175 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

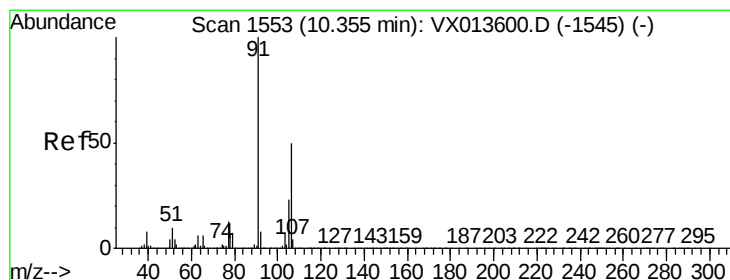
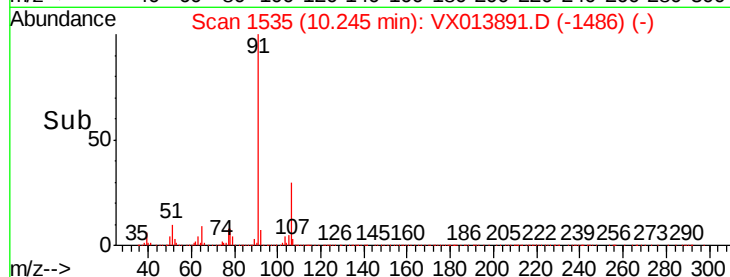
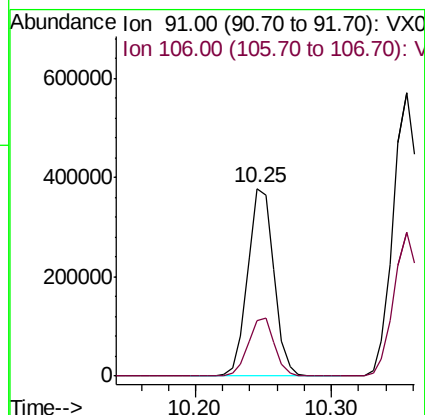
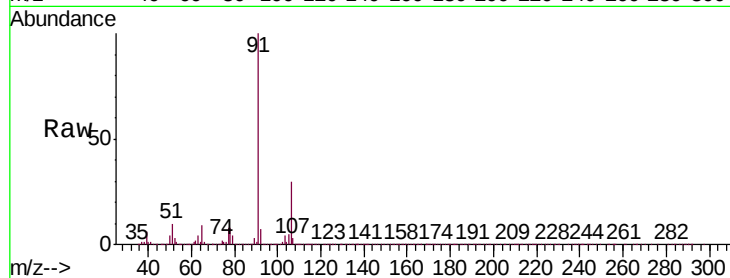
VX1210WBS01

Tgt Ion: 91 Resp: 511401

Ion Ratio Lower Upper

91 100

106 29.8 24.5 36.7



#68

m/p-Xylenes

Concen: 37.711 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013891.D

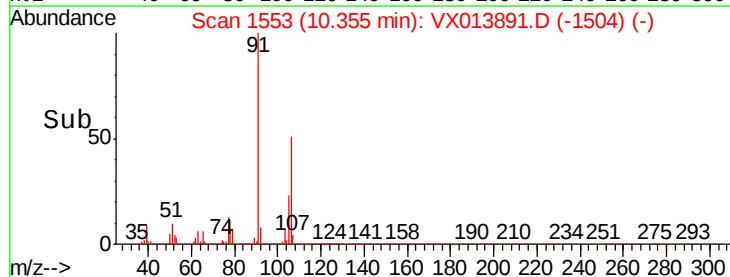
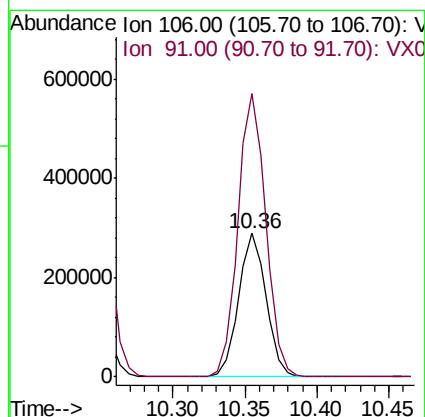
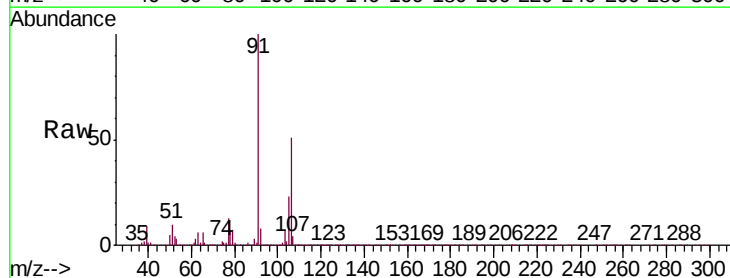
Acq: 10 Dec 2019 12:24

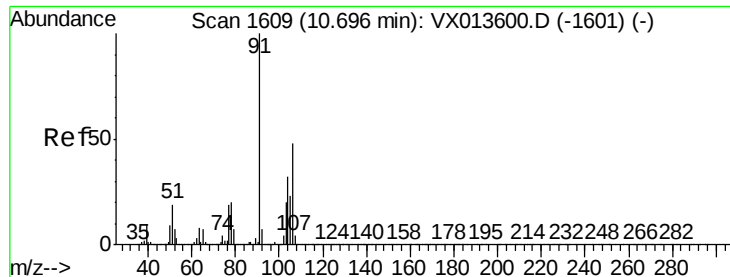
Tgt Ion: 106 Resp: 385050

Ion Ratio Lower Upper

106 100

91 199.8 159.0 238.4

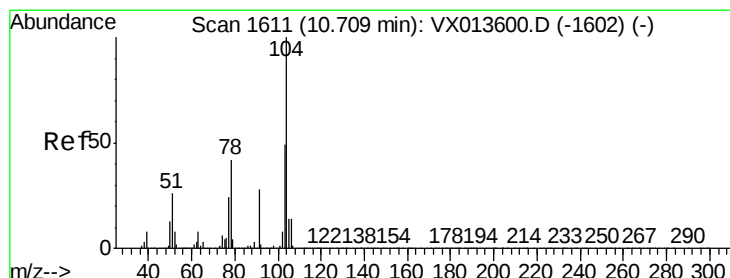
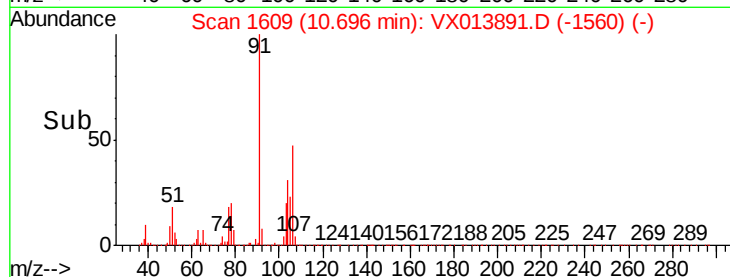
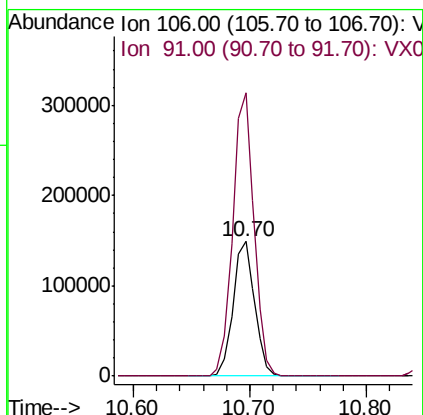
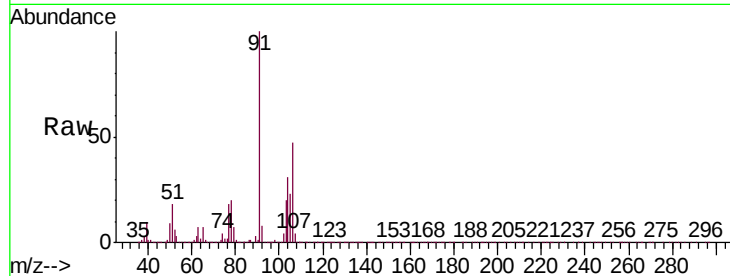




#69
o-Xylene
Concen: 19.236 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

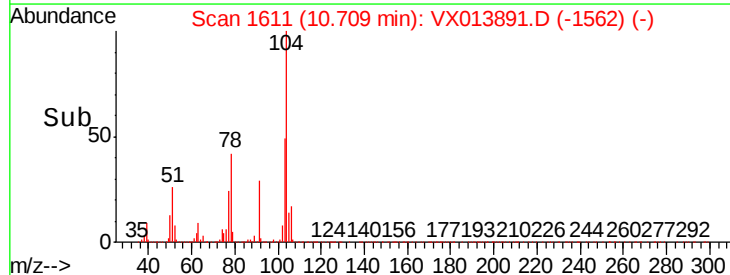
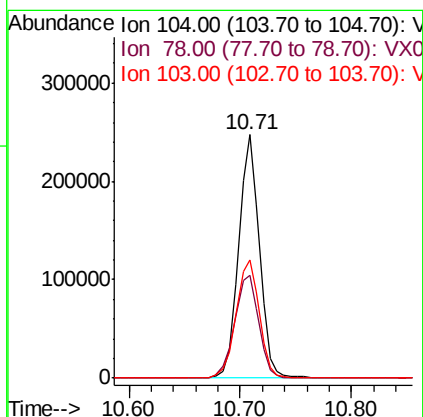
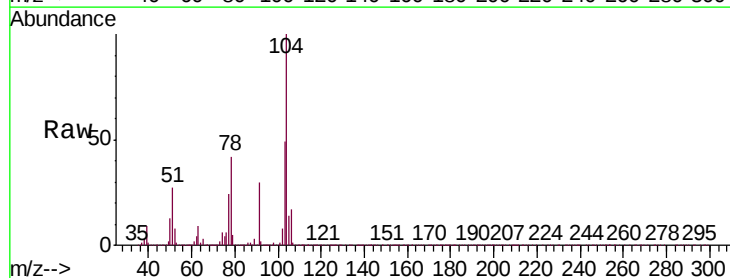
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

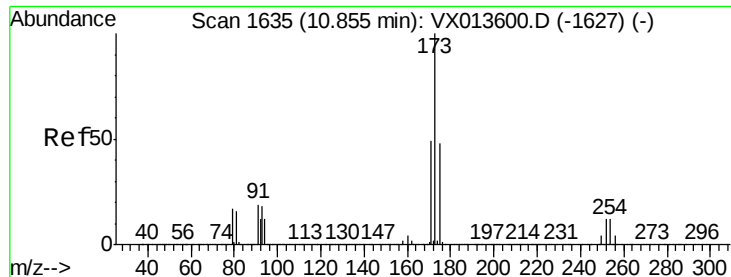
Tgt Ion:106 Resp: 191557
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.2



#70
Styrene
Concen: 18.991 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion:104 Resp: 318133
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.5 43.7 65.5

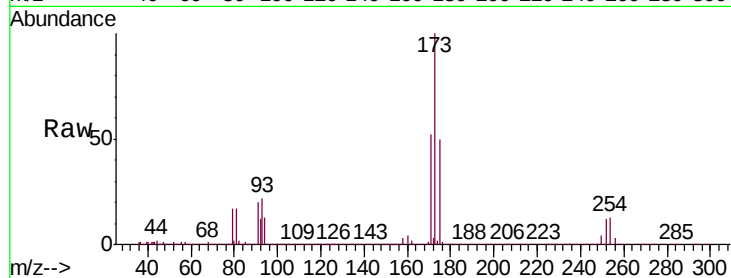




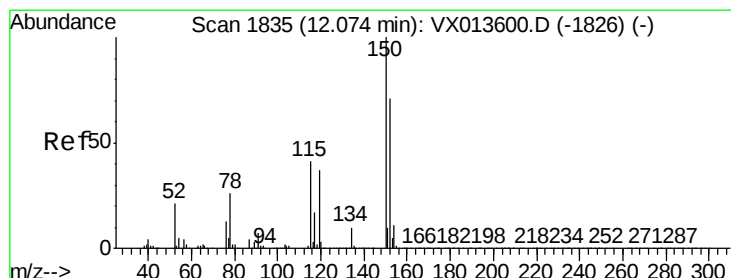
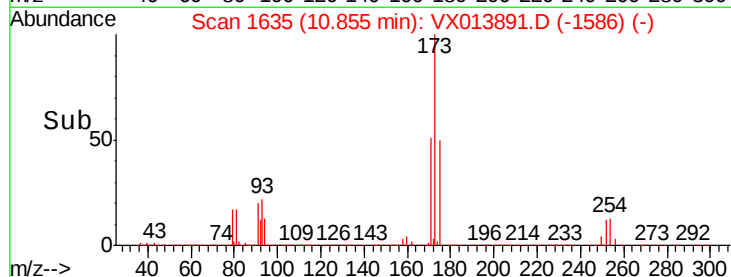
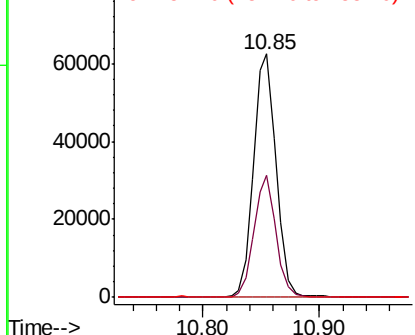
#71
Bromoform
Concen: 18.320 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion:173 Resp: 84482
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.2 0.2 0.4#

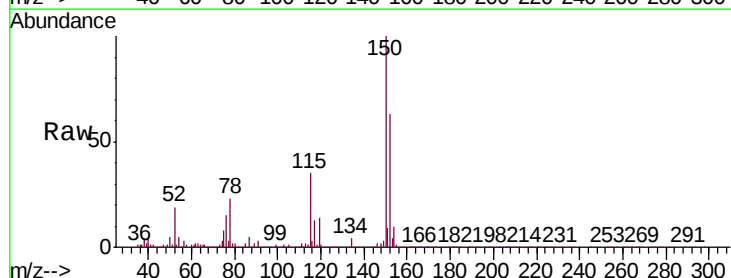


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

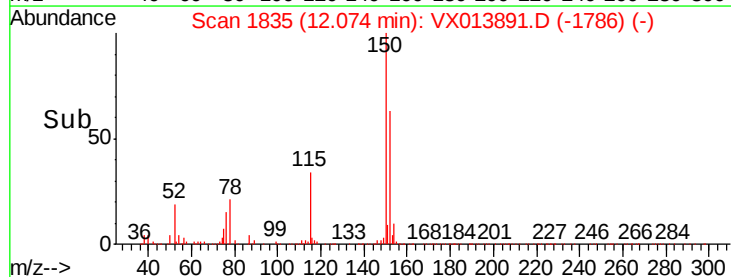
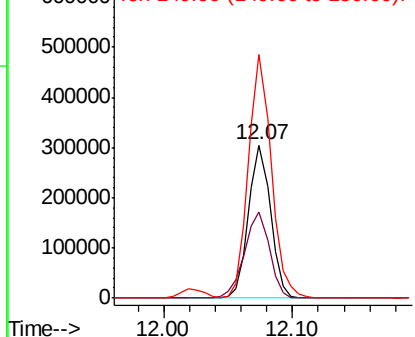


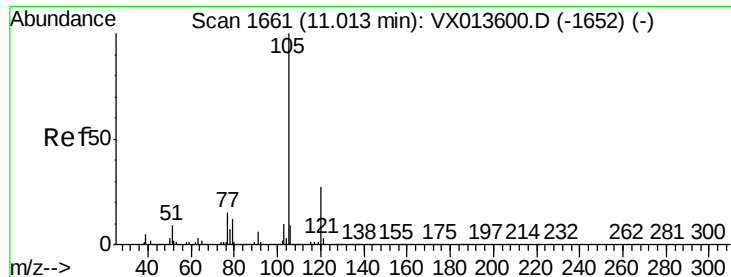
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion:152 Resp: 358696
Ion Ratio Lower Upper
152 100
115 63.9 38.4 115.1
150 164.6 0.0 346.8



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





#73

Isopropylbenzene

Concen: 19.957 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

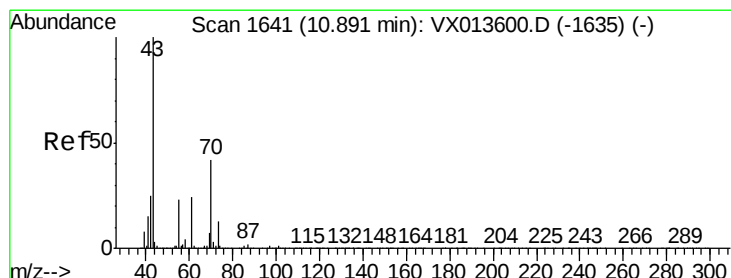
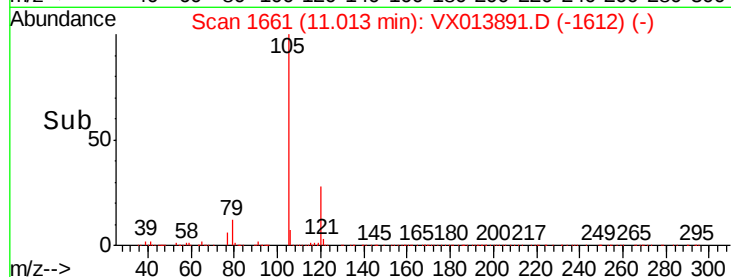
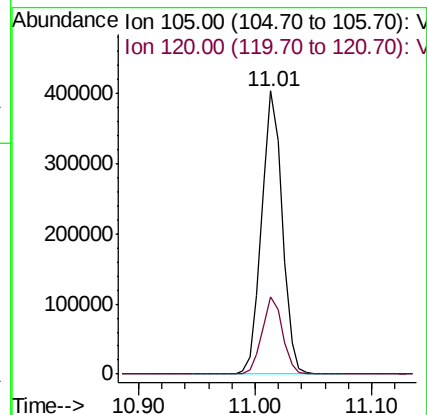
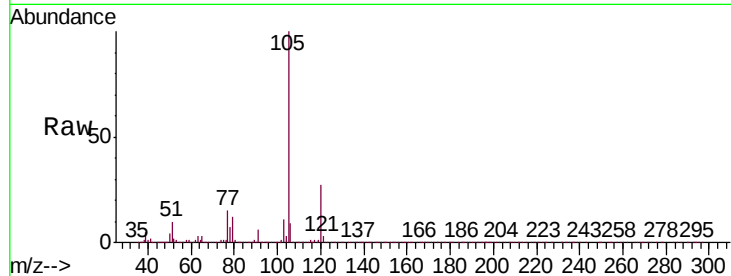
VX1210WBS01

Tgt Ion: 105 Resp: 502147

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.500 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion: 43 Resp: 224752

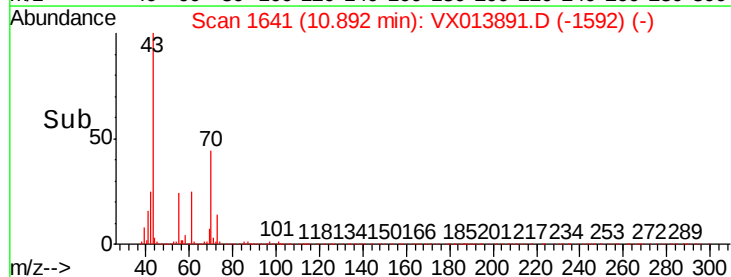
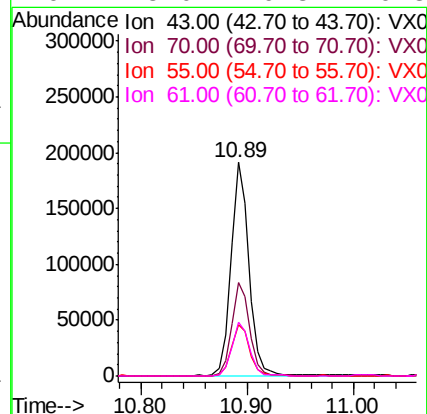
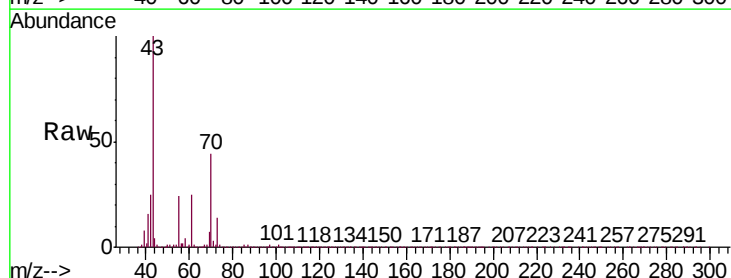
Ion Ratio Lower Upper

43 100

70 43.8 34.3 51.5

55 25.2 18.5 27.7

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.854 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

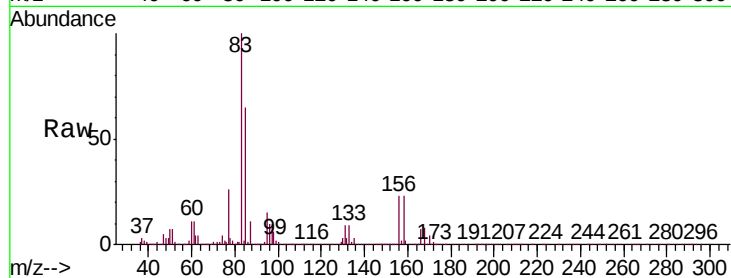
Tgt Ion: 83 Resp: 181967

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

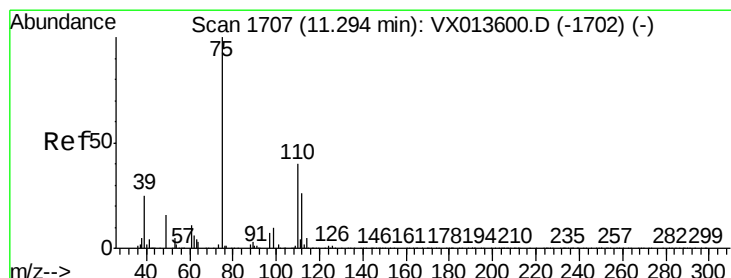
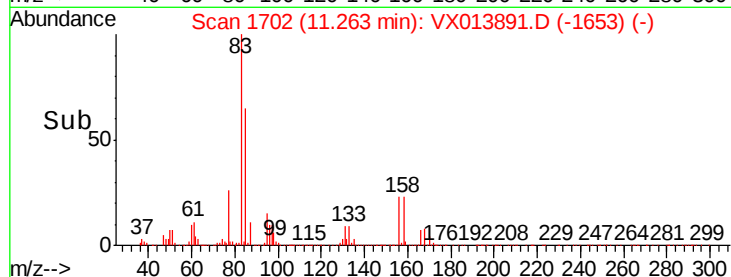
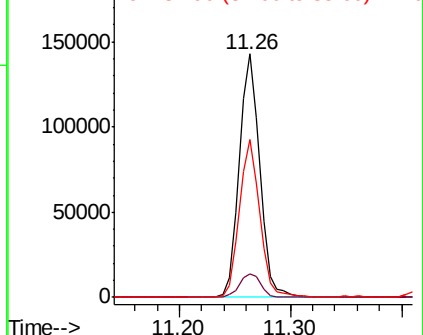
85 64.3 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.580 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013891.D

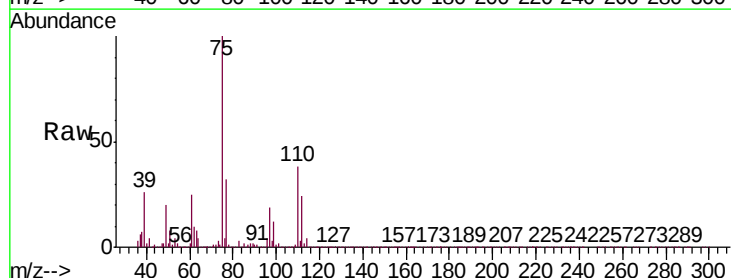
Acq: 10 Dec 2019 12:24

Tgt Ion: 75 Resp: 198303

Ion Ratio Lower Upper

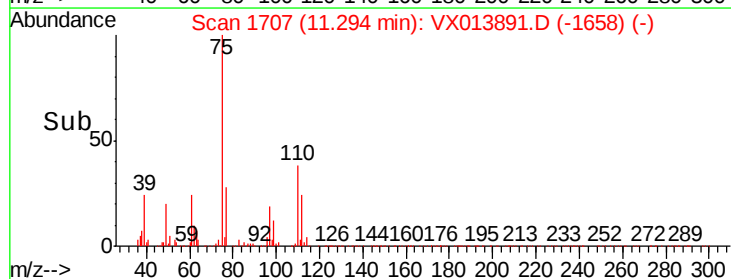
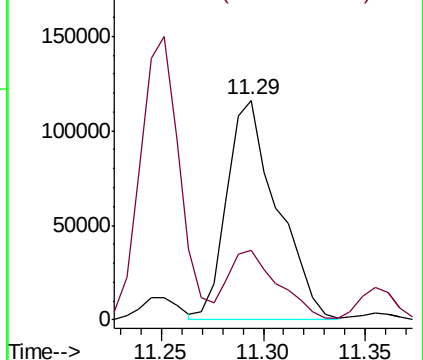
75 100

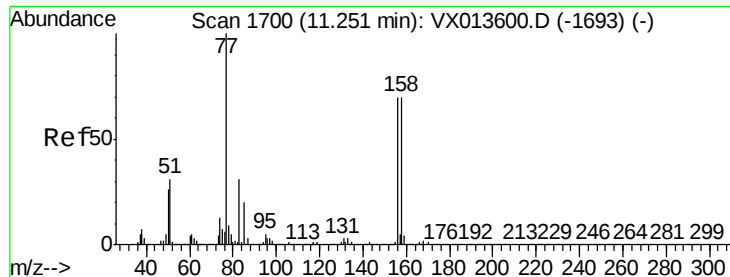
77 31.0 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.238 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

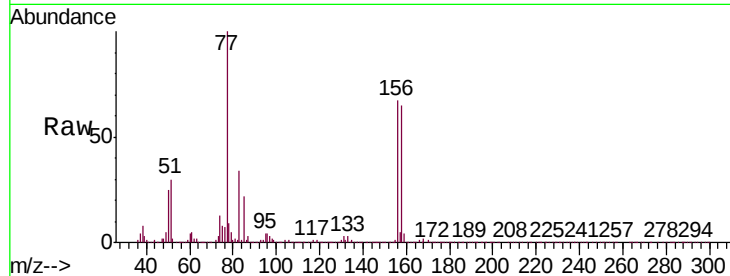
Tgt Ion:156 Resp: 130769

Ion Ratio Lower Upper

156 100

77 152.3 74.4 223.1

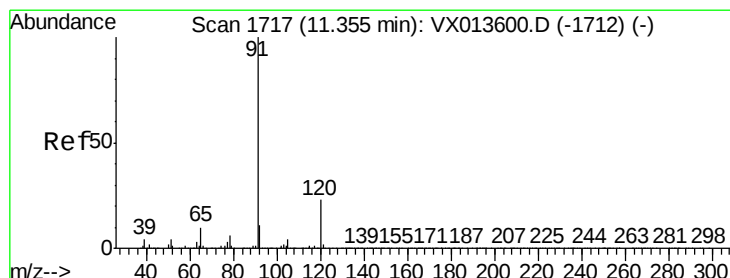
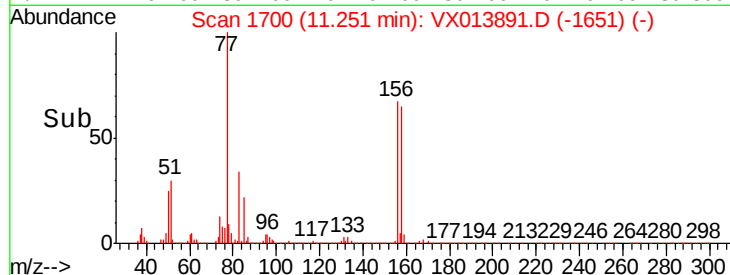
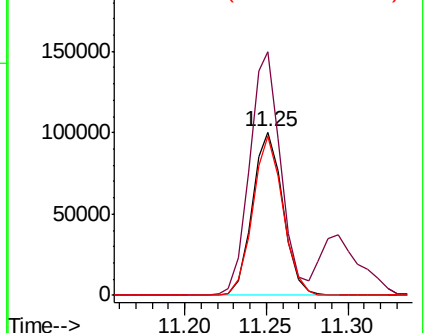
158 97.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.851 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013891.D

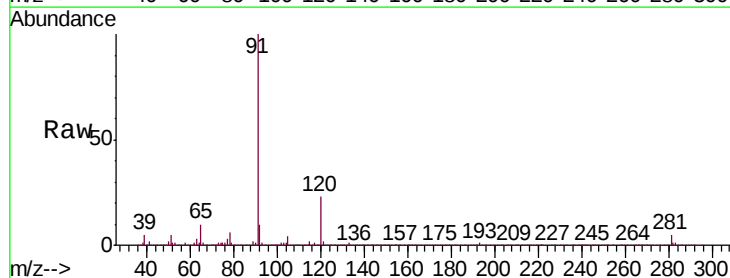
Acq: 10 Dec 2019 12:24

Tgt Ion: 91 Resp: 557556

Ion Ratio Lower Upper

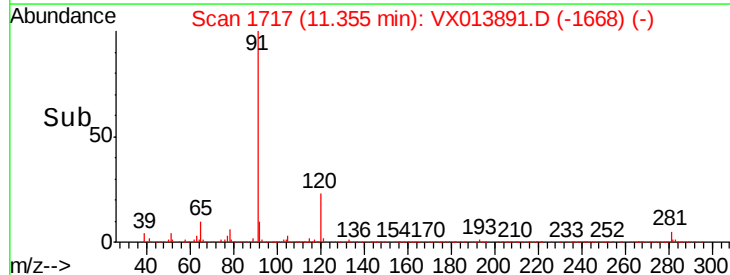
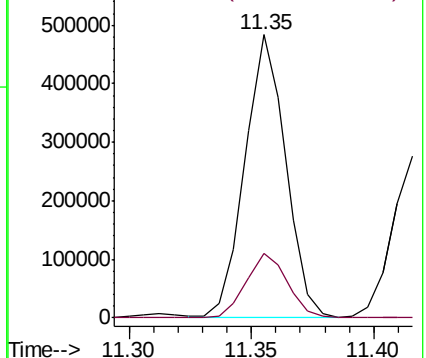
91 100

120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

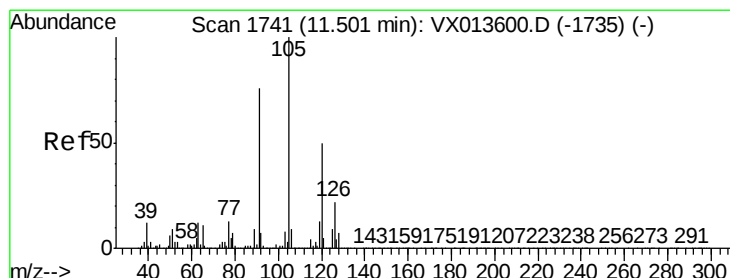
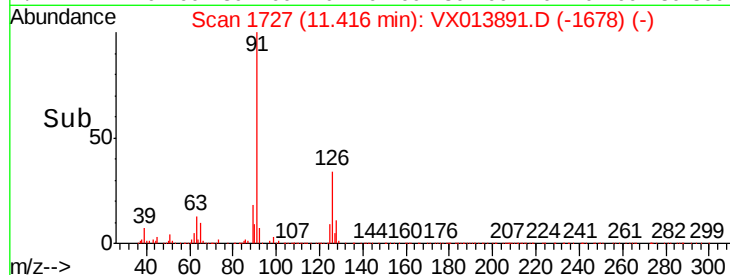
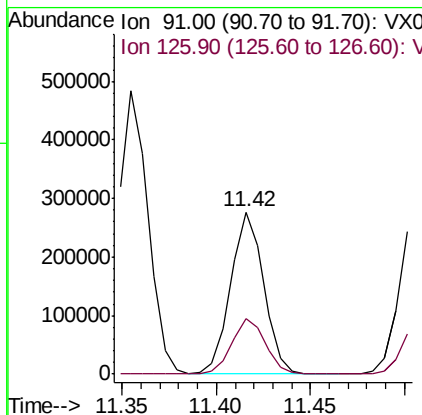
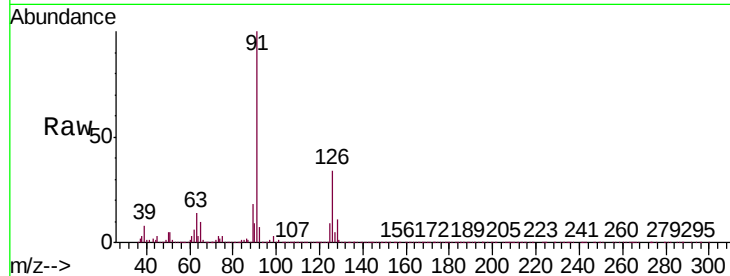




#79
2-Chlorotoluene
Concen: 19.847 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

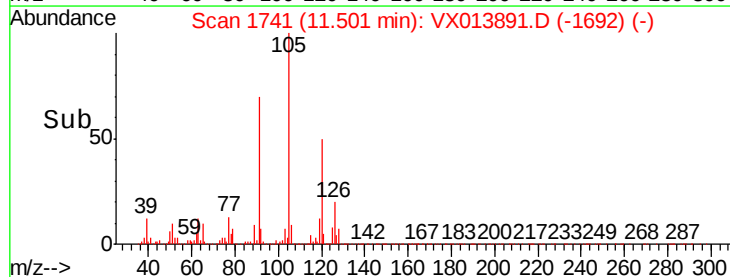
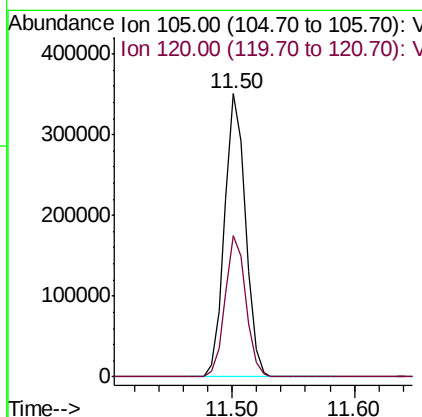
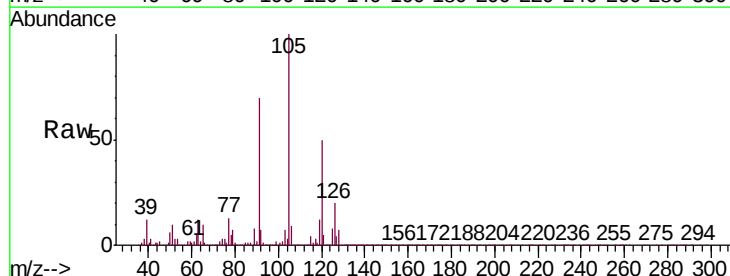
Instrument :
MSVOA_X
ClientSampled :
VX1210WBS01

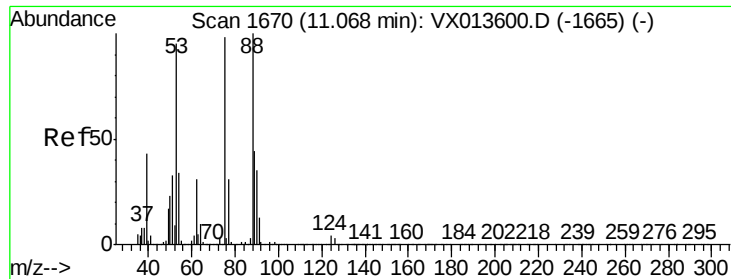
Tgt Ion: 91 Resp: 334406
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.089 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 105 Resp: 414272
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.233 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

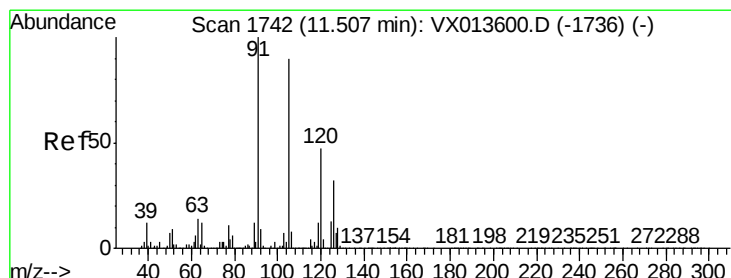
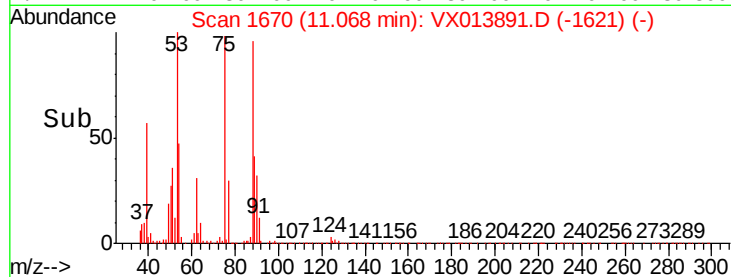
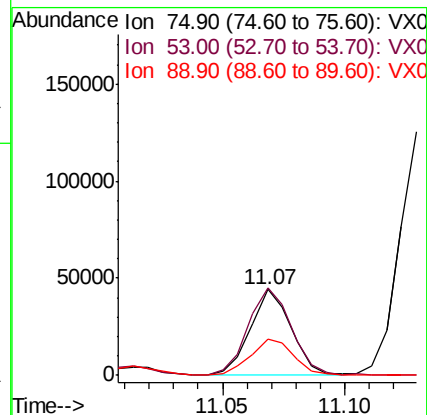
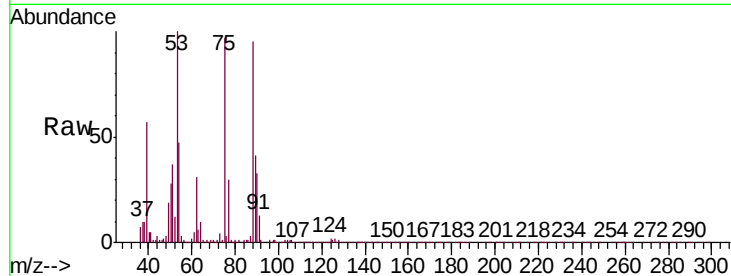
Tgt Ion: 75 Resp: 50820

Ion Ratio Lower Upper

75 100

53 107.4 78.2 117.2

89 46.8 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.181 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013891.D

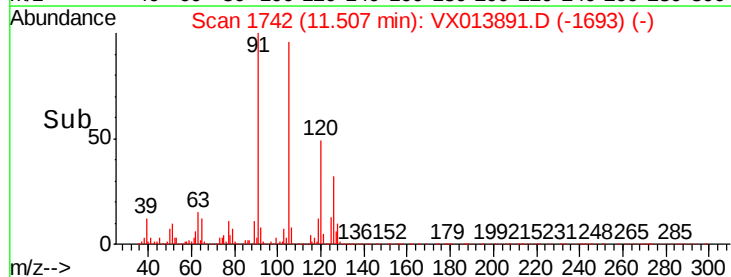
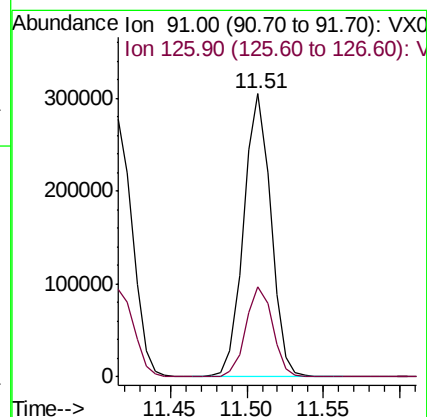
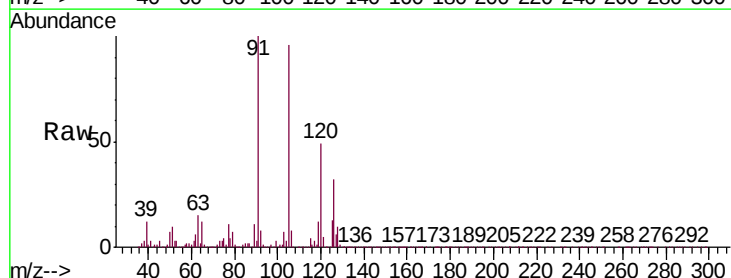
Acq: 10 Dec 2019 12:24

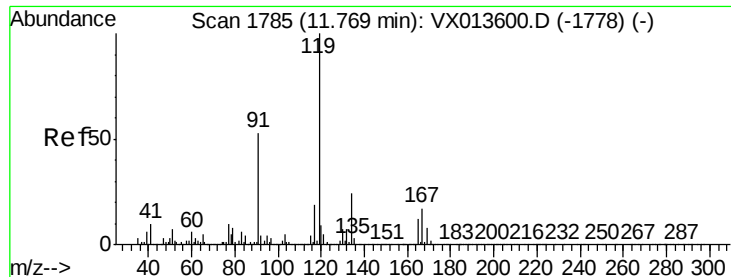
Tgt Ion: 91 Resp: 374317

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.0

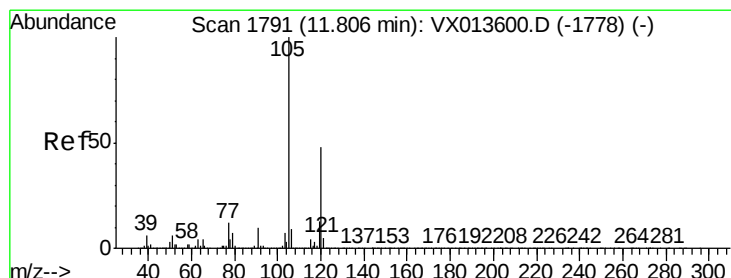
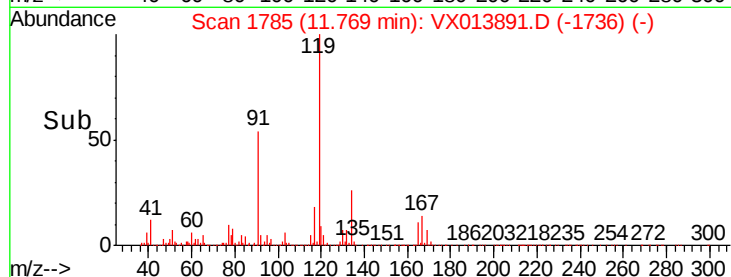
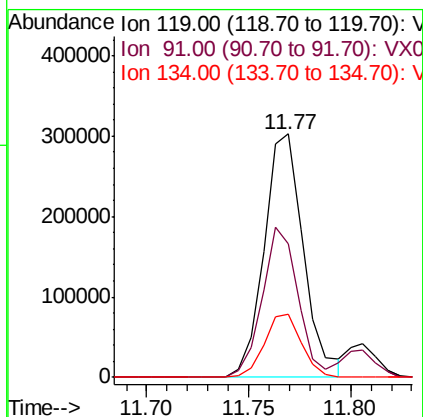
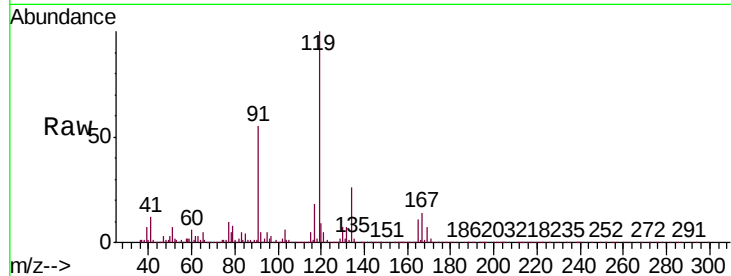




#83
tert-Butylbenzene
Concen: 19.444 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

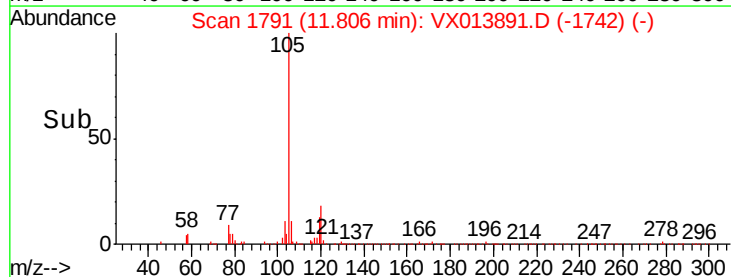
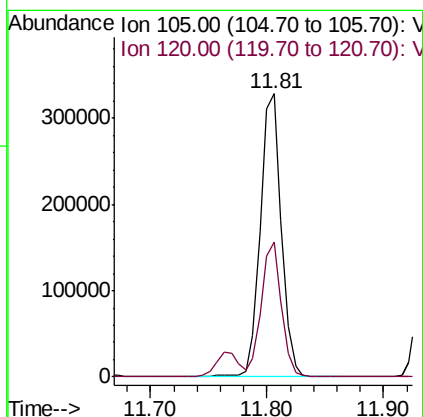
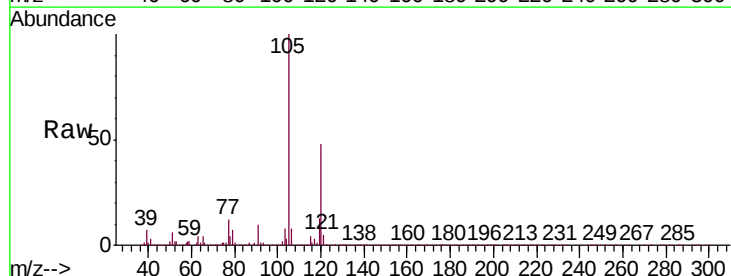
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

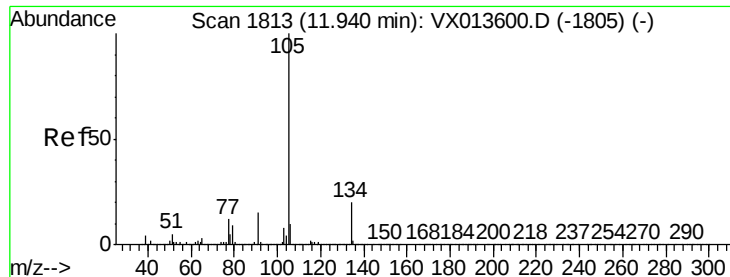
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.2	81.6
134	24.6	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.679 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.694 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

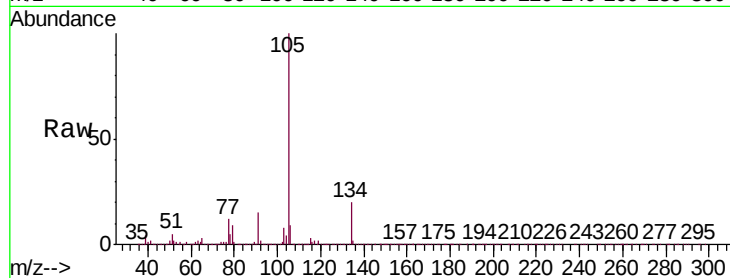
VX1210WBS01

Tgt Ion:105 Resp: 471444

Ion Ratio Lower Upper

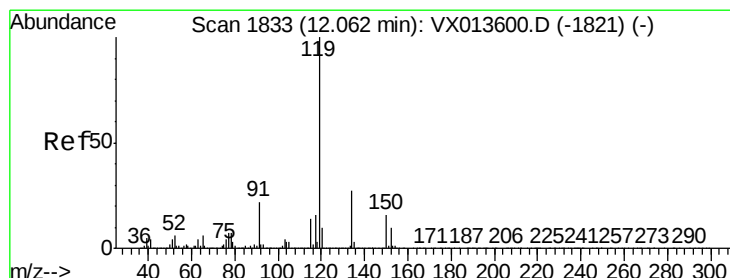
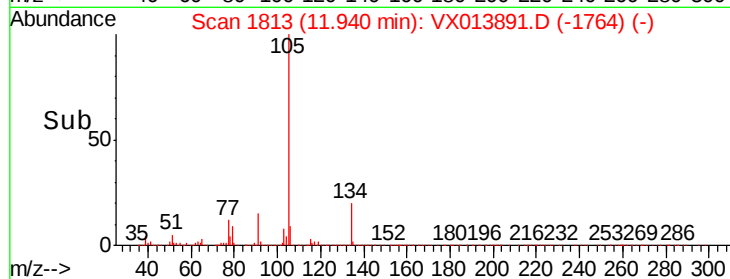
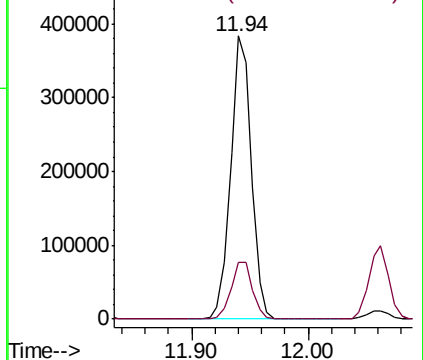
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.715 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

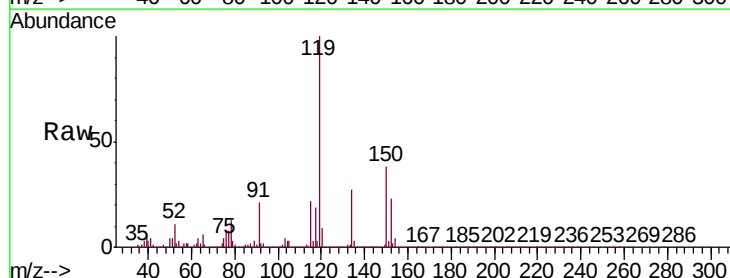
Tgt Ion:119 Resp: 439053

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

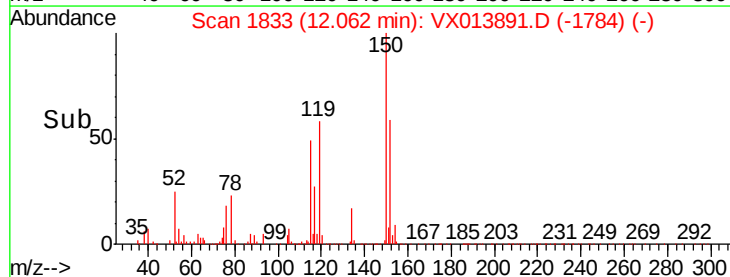
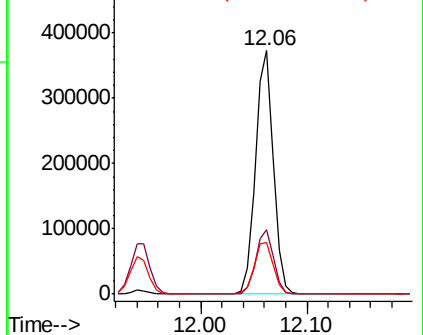
91 22.6 11.3 33.8

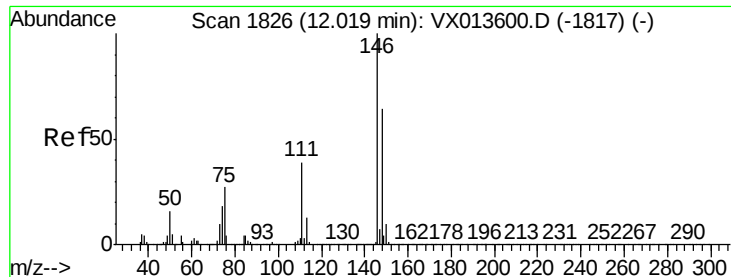


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

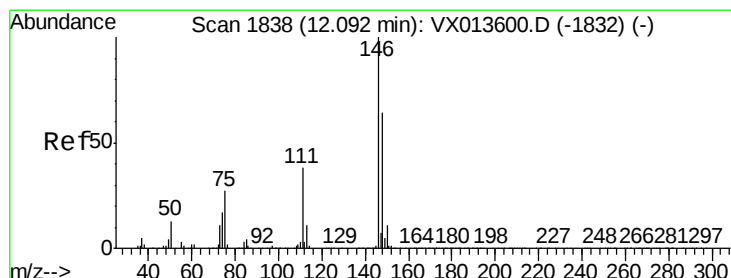
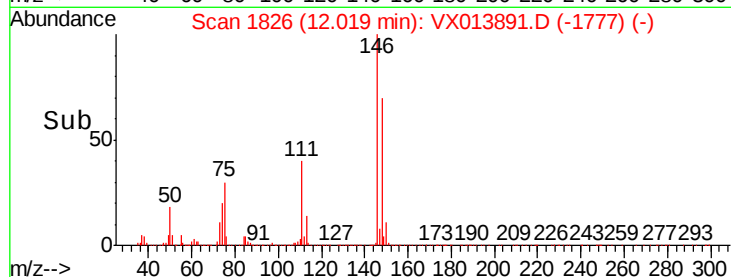
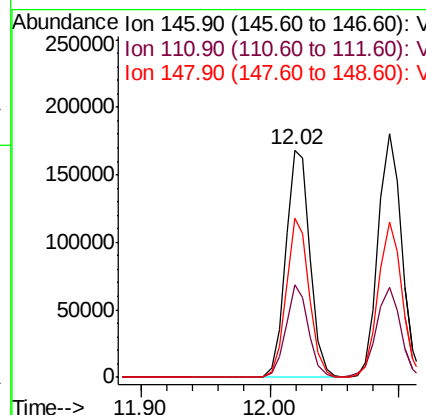
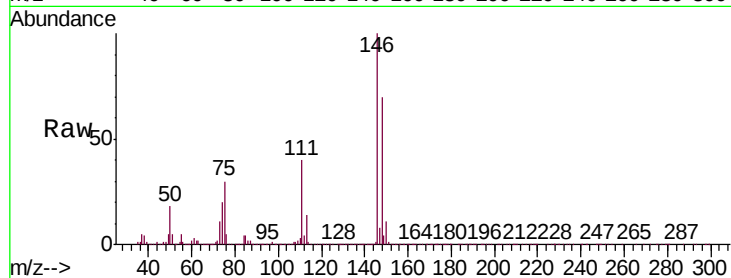




#87
 1,3-Dichlorobenzene
 Concen: 18.613 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

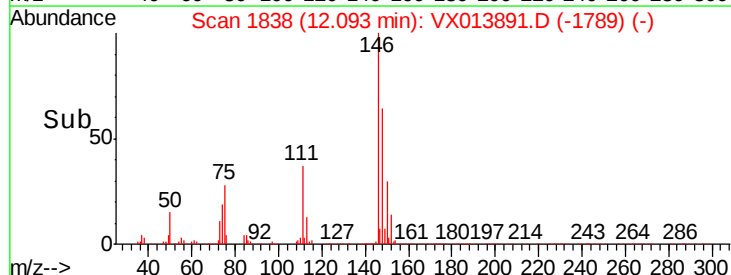
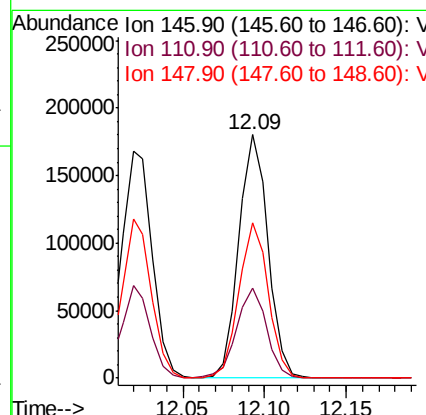
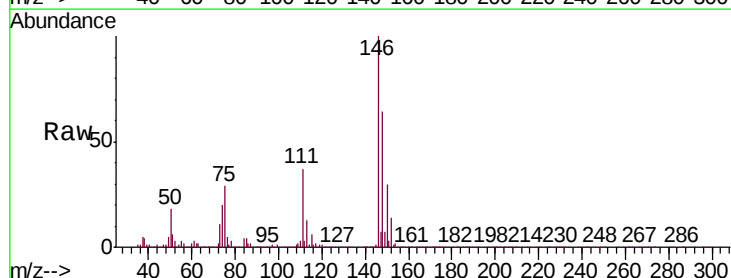
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

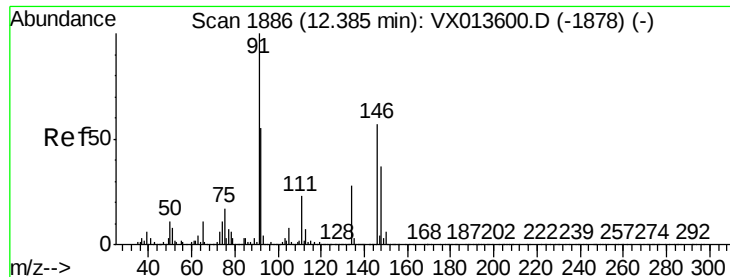
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	66.5	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.468 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	65.0	31.9	95.5

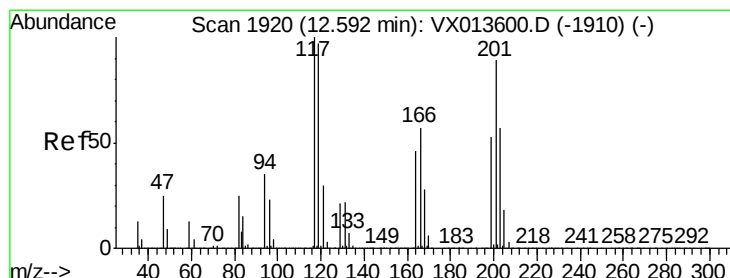
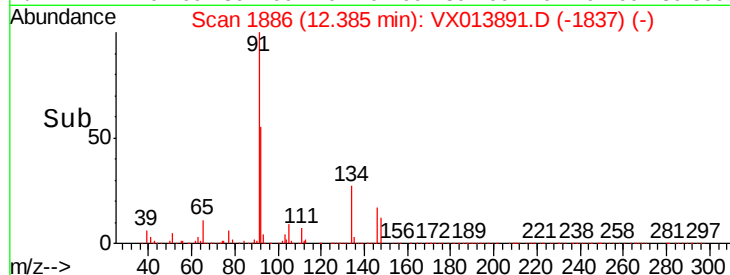
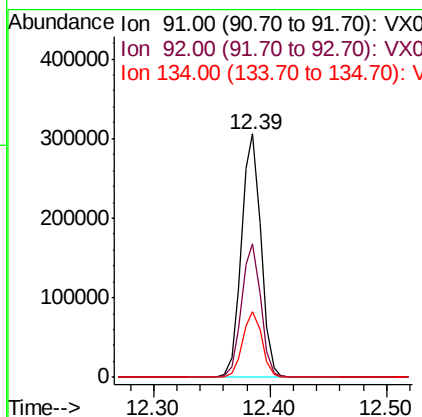
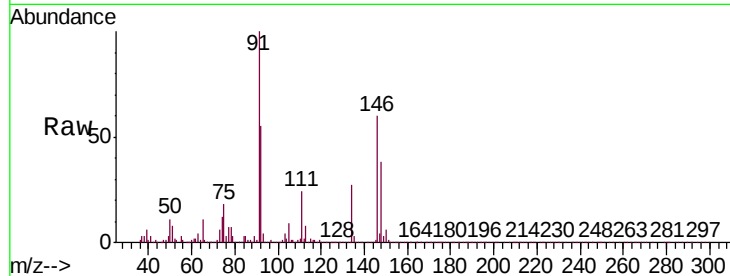




#89
n-Butylbenzene
Concen: 18.878 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

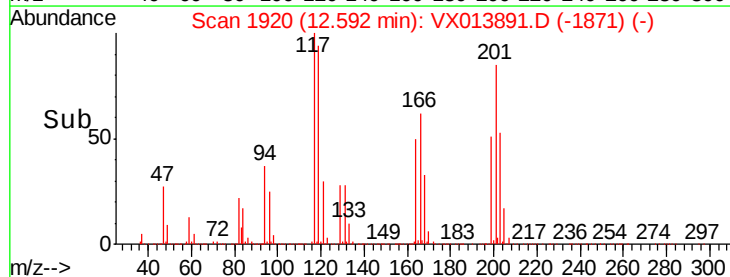
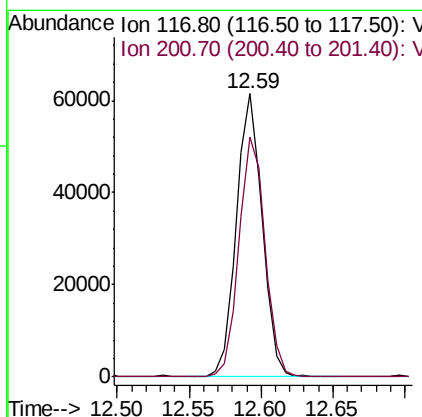
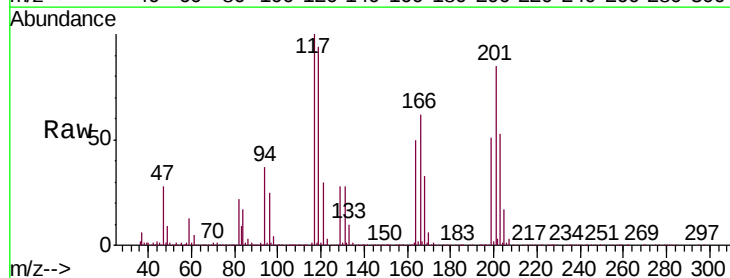
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

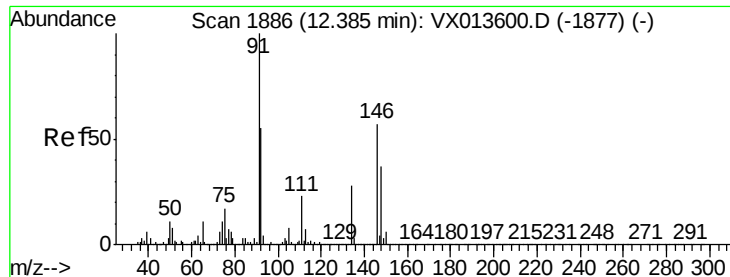
Tgt Ion: 91 Resp: 358568
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 26.6 13.5 40.4



#90
Hexachloroethane
Concen: 19.081 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 117 Resp: 76806
Ion Ratio Lower Upper
117 100
201 85.9 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.556 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

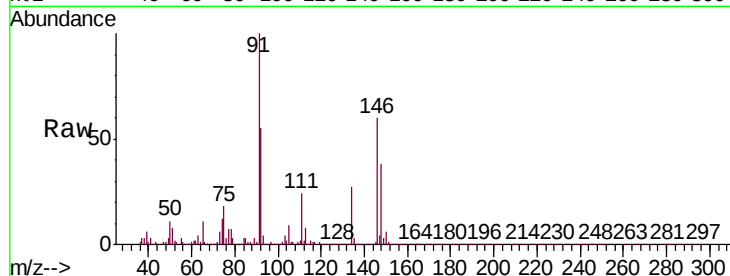
Tgt Ion: 146 Resp: 228942

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

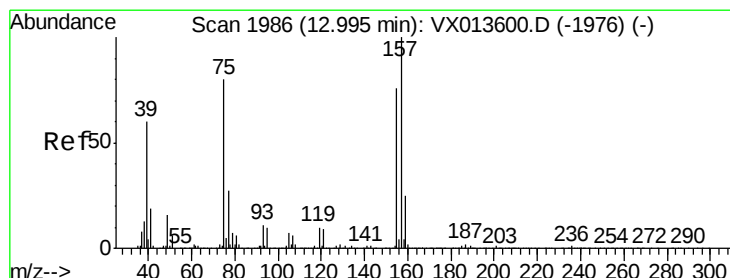
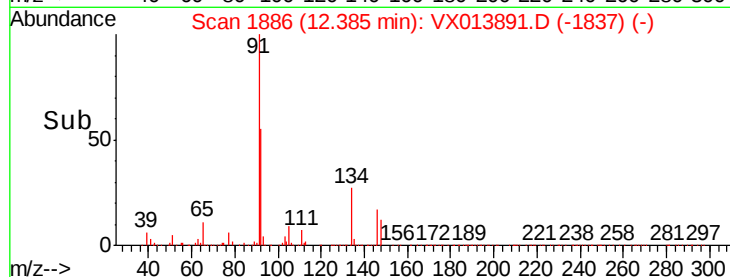
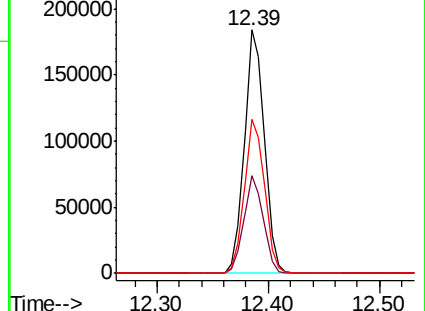
148 63.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.794 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

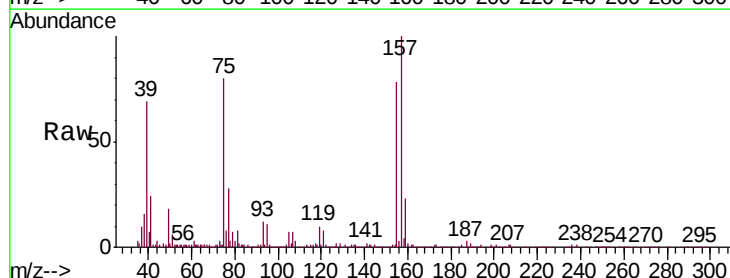
Tgt Ion: 75 Resp: 37611

Ion Ratio Lower Upper

75 100

155 92.6 47.6 142.8

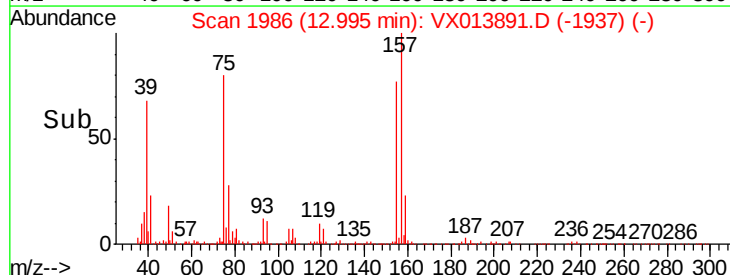
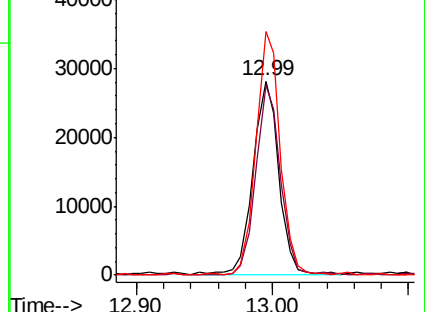
157 118.2 62.1 186.2

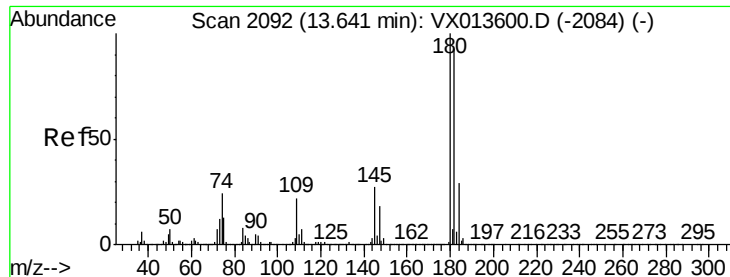


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

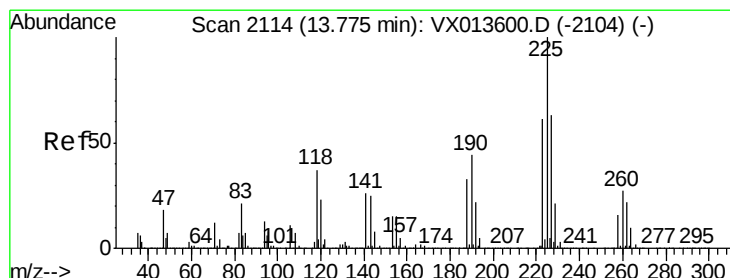
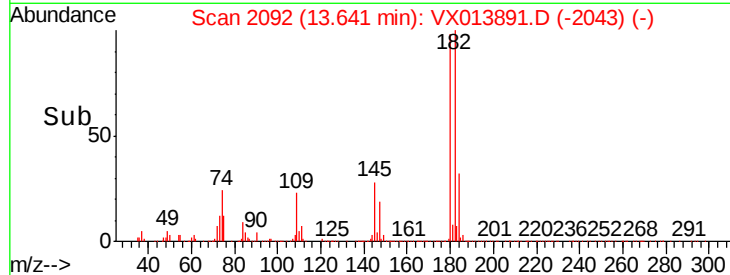
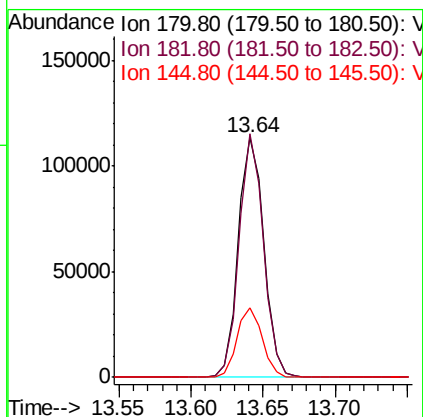
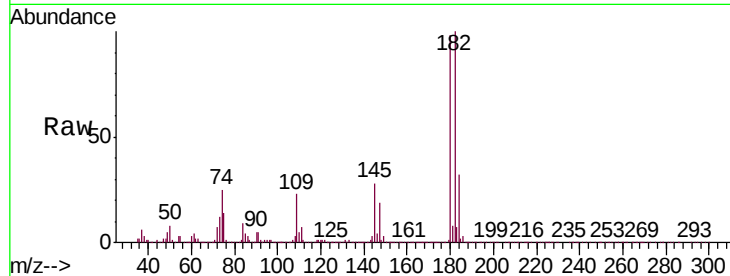




#93
 1,2,4-Trichlorobenzene
 Concen: 17.202 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

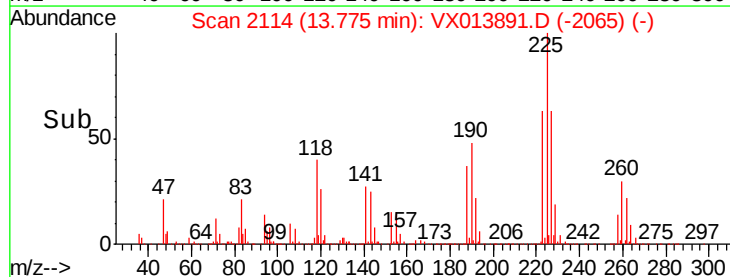
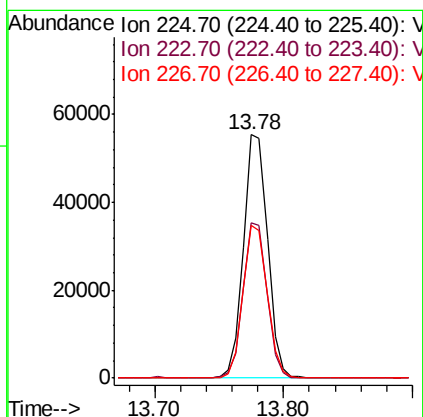
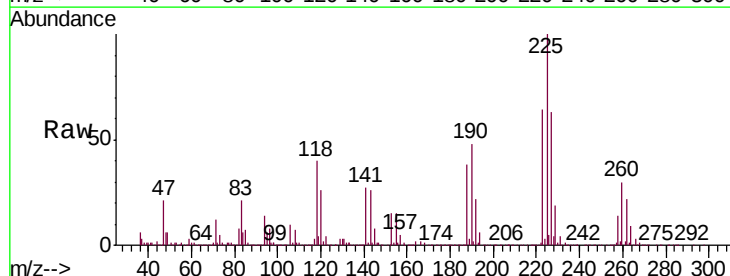
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

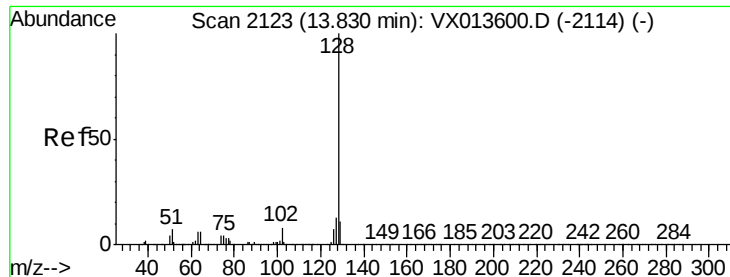
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.2	141.6
145	28.6	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 18.263 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.5
227	62.3	32.1	96.3

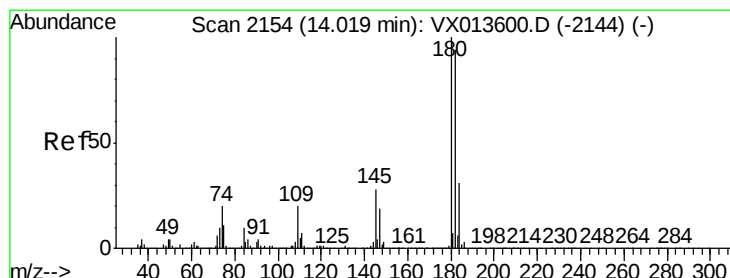
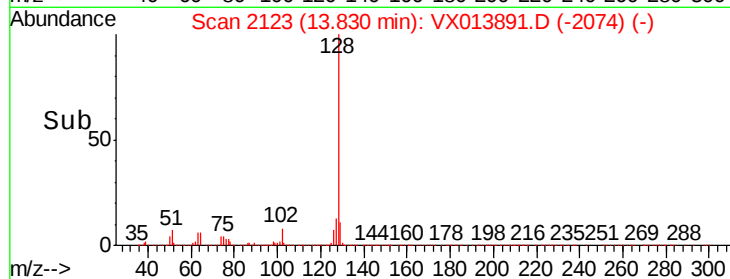
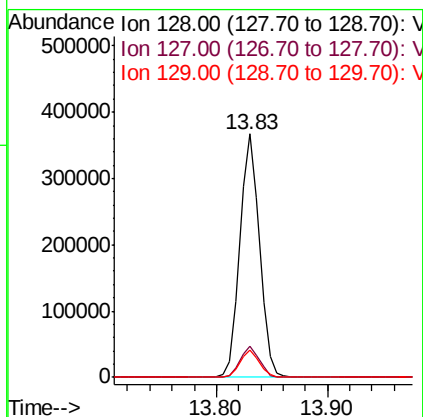
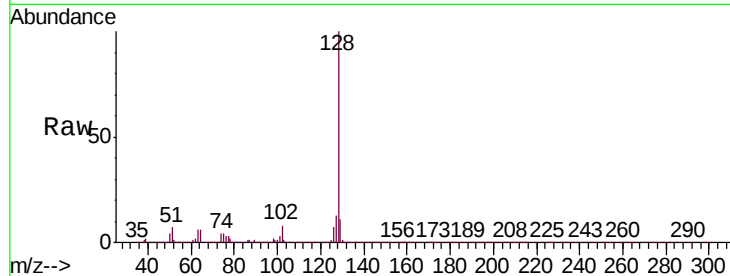




#95
Naphthalene
Concen: 18.430 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion:128 Resp: 447823
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.063 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion:180 Resp: 145924
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.8
145 30.0 15.0 45.0

