

Data File : VX013917.D
Acq On : 10 Dec 2019 23:23
Operator : JC/SP
Sample : VX1210WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Quant Time: Dec 11 02:33:34 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	534223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	760172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369863	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	298999	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.49	113	250696	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	8.71	98	923970	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	329033	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	105384	17.723	ug/l	98
3) Chloromethane	1.32	50	128446	19.251	ug/l	99
4) Vinyl Chloride	1.40	62	149344	19.887	ug/l	99
5) Bromomethane	1.63	94	83364	16.530	ug/l	98
6) Chloroethane	1.72	64	84343	19.737	ug/l	98
7) Trichlorofluoromethane	1.92	101	158740	19.037	ug/l	98
8) Diethyl Ether	2.18	74	77476	20.537	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95650	18.779	ug/l	99
10) Methyl Iodide	2.50	142	106078	17.217	ug/l	98
11) Tert butyl alcohol	3.03	59	136967	89.484	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97436	19.165	ug/l	98
13) Acrolein	2.28	56	74647	77.175	ug/l	99
14) Allyl chloride	2.72	41	175063	18.974	ug/l	99
15) Acrylonitrile	3.13	53	321885	101.878	ug/l	99
16) Acetone	2.43	43	290597	94.918	ug/l	100
17) Carbon Disulfide	2.56	76	236878	16.344	ug/l	100
18) Methyl Acetate	2.76	43	184718	21.667	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	337787	20.056	ug/l	99
20) Methylene Chloride	2.85	84	118031	20.067	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	105405	19.031	ug/l	99
22) Diisopropyl ether	3.84	45	368644	20.751	ug/l	94
23) Vinyl Acetate	3.80	43	1433728	97.011	ug/l	98
24) 1,1-Dichloroethane	3.69	63	197371	20.323	ug/l	99
25) 2-Butanone	4.66	43	445677	97.949	ug/l	99
26) 2,2-Dichloropropane	4.58	77	123246	15.338	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	123384	19.399	ug/l	98
28) Bromochloromethane	5.01	49	85214	22.196	ug/l	96
29) Tetrahydrofuran	5.12	42	286309	102.072	ug/l	99
30) Chloroform	5.20	83	193554	19.652	ug/l	98
31) Cyclohexane	5.58	56	165326	18.048	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	159269	19.351	ug/l	100
36) 1,1-Dichloropropene	5.79	75	139028	18.118	ug/l	99
37) Ethyl Acetate	4.82	43	168928	19.624	ug/l	100
38) Carbon Tetrachloride	5.78	117	135411	19.138	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162838	17.168	ug/l	96
40) Benzene	6.14	78	446034	19.085	ug/l	97
41) Methacrylonitrile	5.03	41	96264	20.391	ug/l	99
42) 1,2-Dichloroethane	6.18	62	159321	19.989	ug/l	100
43) Isopropyl Acetate	6.43	43	269080	18.987	ug/l	99
44) Trichloroethene	7.21	130	121576	18.955	ug/l	99
45) 1,2-Dichloropropane	7.51	63	117633	20.118	ug/l	99
46) Dibromomethane	7.65	93	76268	19.205	ug/l	97
47) Bromodichloromethane	7.89	83	143399	19.100	ug/l	95
48) Methyl methacrylate	7.76	41	130789	18.994	ug/l	98
49) 1,4-Dioxane	7.73	88	55535	360.305	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	886349	99.426	ug/l	99
52) Toluene	8.78	92	280019	19.287	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149178	17.457	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	168215	18.018	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115673	19.770	ug/l	97
56) Ethyl methacrylate	9.17	69	178448	18.971	ug/l	99
57) 1,3-Dichloropropane	9.37	76	199582	19.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	335631	91.004	ug/l	99
59) 2-Hexanone	9.49	43	672932	96.787	ug/l	97
60) Dibromochloromethane	9.57	129	116394	19.169	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120528	19.288	ug/l	100
64) Tetrachloroethene	9.33	164	121239	21.387	ug/l	98
65) Chlorobenzene	10.14	112	300086	19.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	110051	19.418	ug/l	98
67) Ethyl Benzene	10.25	91	519658	19.161	ug/l	99
68) m/p-Xylenes	10.35	106	397868	38.318	ug/l	99
69) o-Xylene	10.70	106	189013	18.665	ug/l	96
70) Styrene	10.71	104	322114	18.909	ug/l	98
71) Bromoform	10.85	173	84473	18.014	ug/l #	98
73) Isopropylbenzene	11.01	105	508659	19.606	ug/l	100
74) N-amyl acetate	10.89	43	228223	19.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	181695	20.194	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	197668	23.761	ug/l	87
77) Bromobenzene	11.25	156	134885	19.245	ug/l	99
78) n-propylbenzene	11.35	91	563032	19.440	ug/l	100
79) 2-Chlorotoluene	11.42	91	343853	19.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	415646	19.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48680	16.009	ug/l	95
82) 4-Chlorotoluene	11.51	91	387631	19.264	ug/l	99
83) tert-Butylbenzene	11.76	119	406505	18.811	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	422773	19.590	ug/l	99
85) sec-Butylbenzene	11.94	105	484615	19.633	ug/l	100
86) p-Isopropyltoluene	12.06	119	436945	19.028	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	228771	18.724	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	228084	18.328	ug/l	99
89) n-Butylbenzene	12.39	91	360947	18.429	ug/l	99
90) Hexachloroethane	12.59	117	76166	18.350	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	235336	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35975	18.361	ug/l	98

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

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146775	17.446	ug/l	100
94) Hexachlorobutadiene	13.78	225	68945	17.059	ug/l	97
95) Naphthalene	13.83	128	460248	18.370	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	152323	18.286	ug/l	98

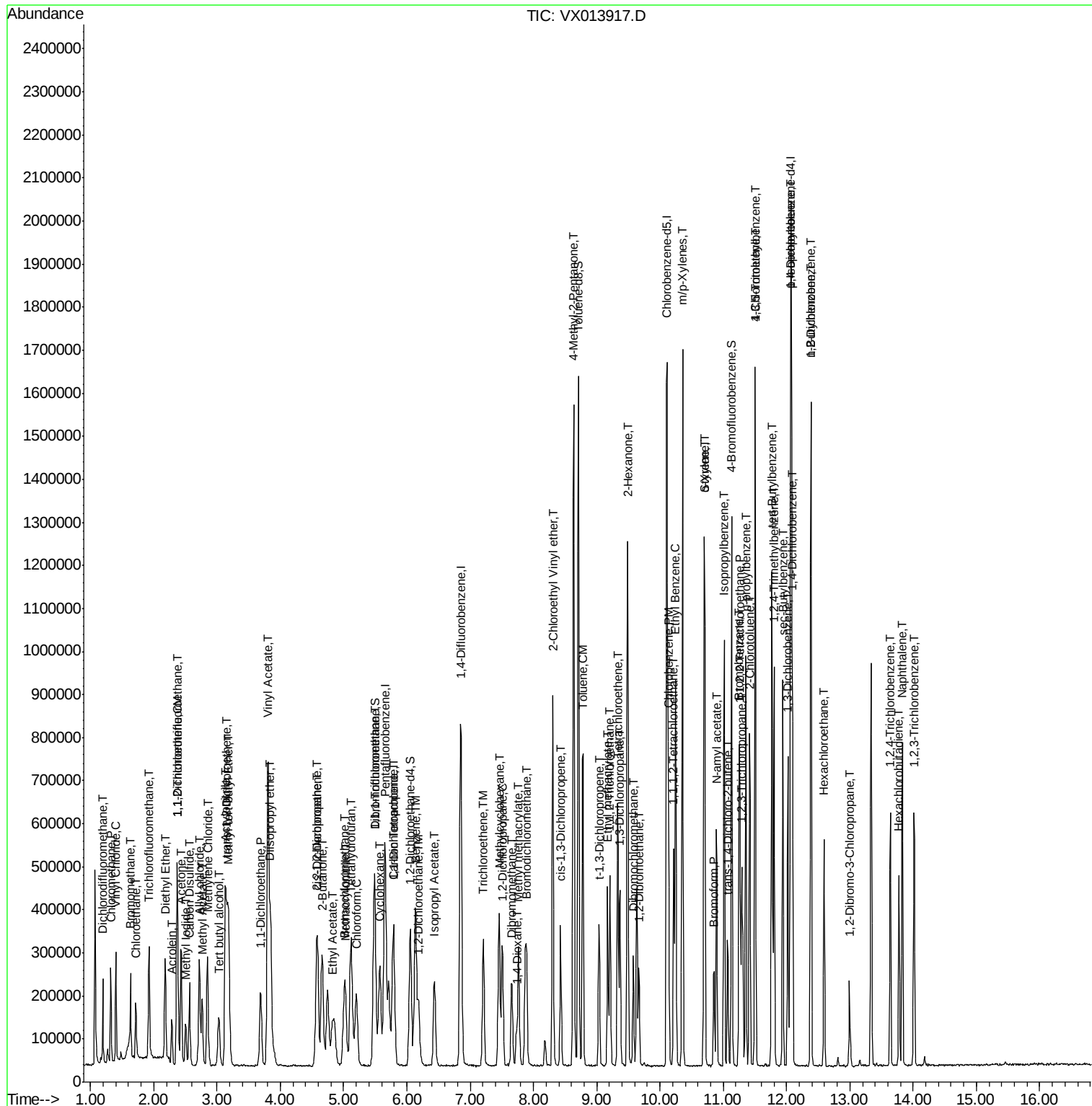
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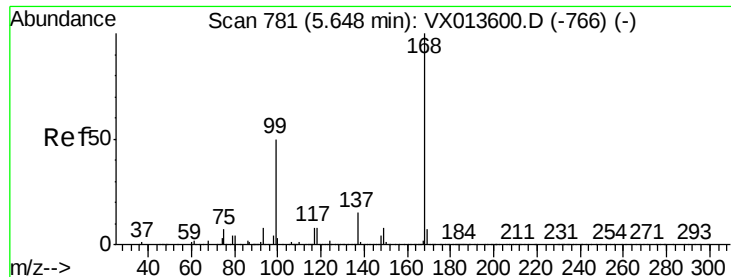
Data File : VX013917.D

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Sample      : VX1210WBS02
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ALS Vial    : 34   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Quant Time: Dec 11 02:33:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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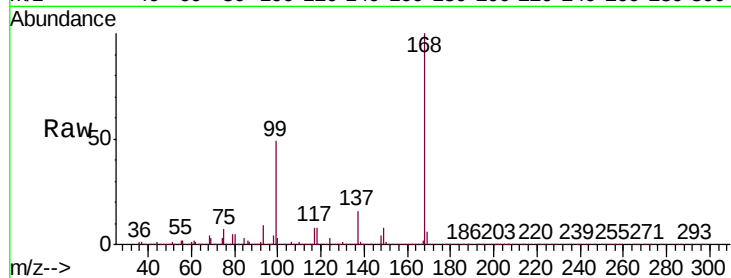


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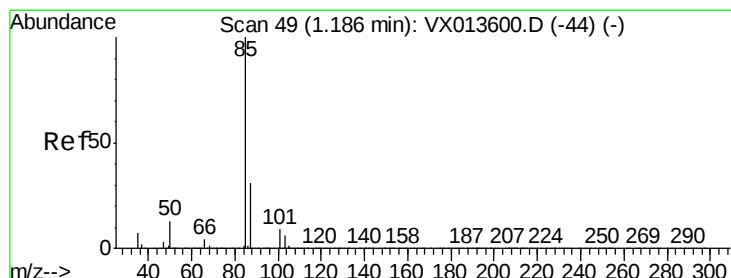
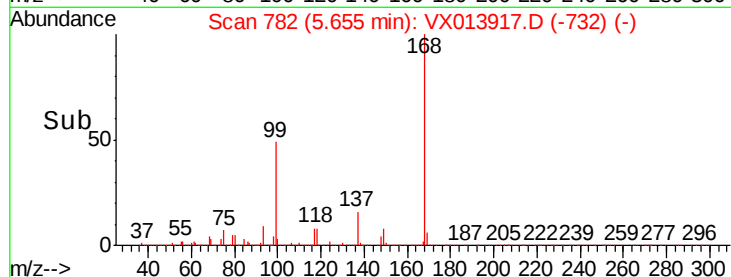
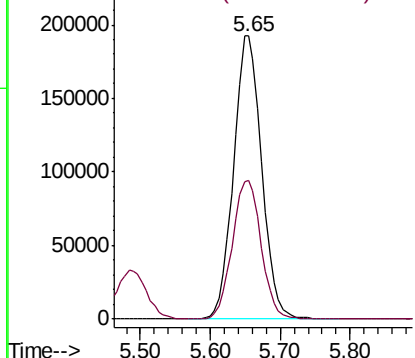
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tgt Ion: 168 Resp: 534223
 Ion Ratio Lower Upper
 168 100
 99 49.0 39.8 59.8



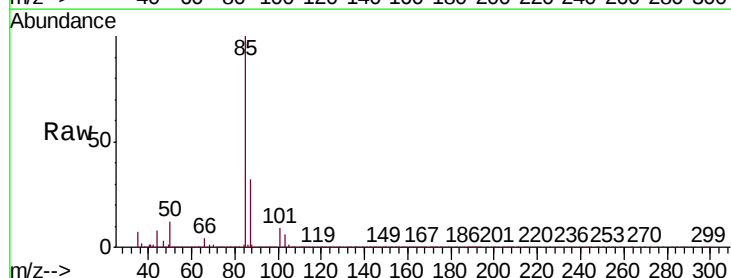
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



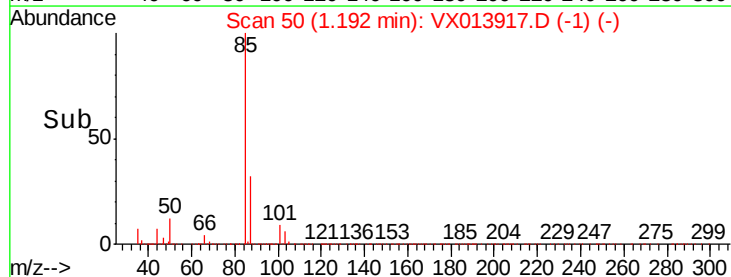
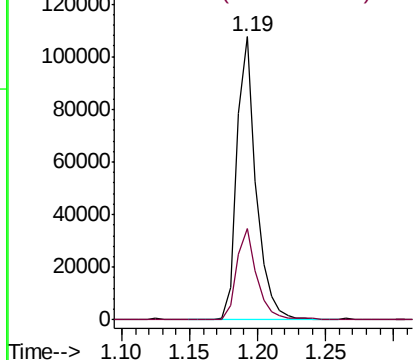
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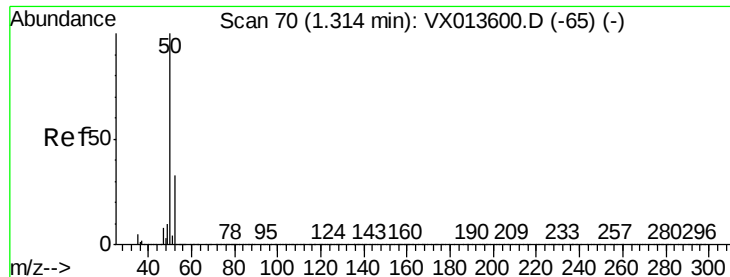
Dichlorodifluoromethane
 Concen: 17.723 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion: 85 Resp: 105384
 Ion Ratio Lower Upper
 85 100
 87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.251 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampled :

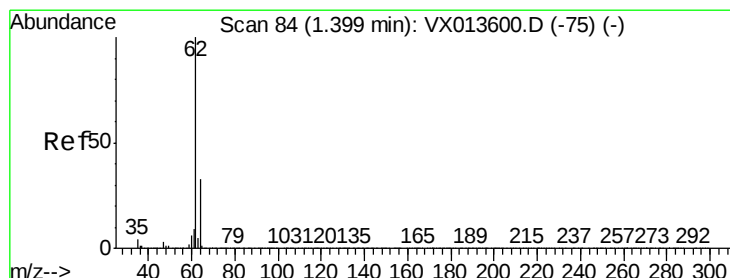
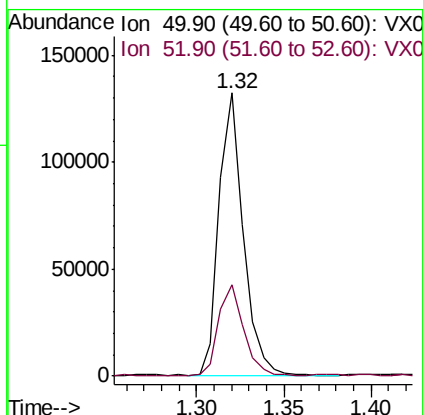
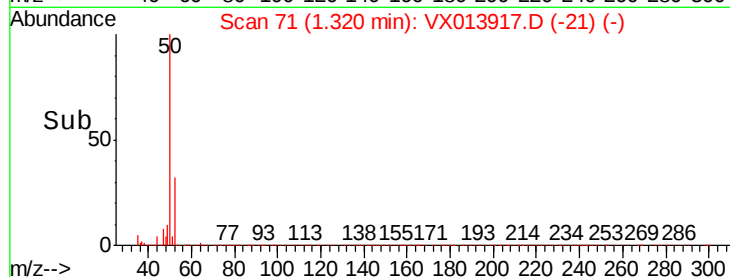
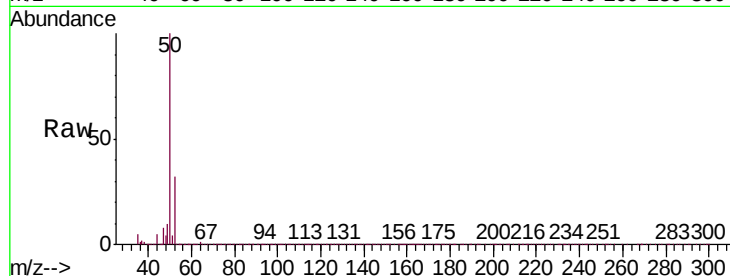
VX1210WBS02

Tgt Ion: 50 Resp: 128446

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 19.887 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013917.D

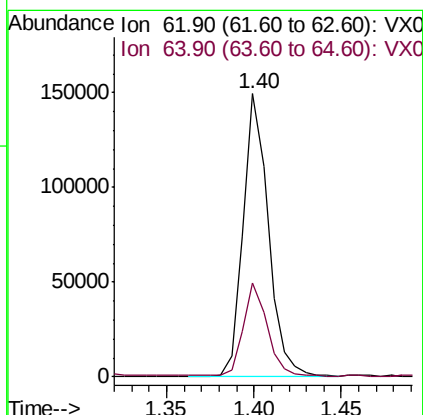
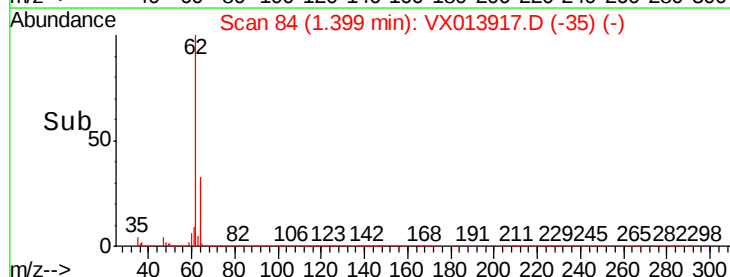
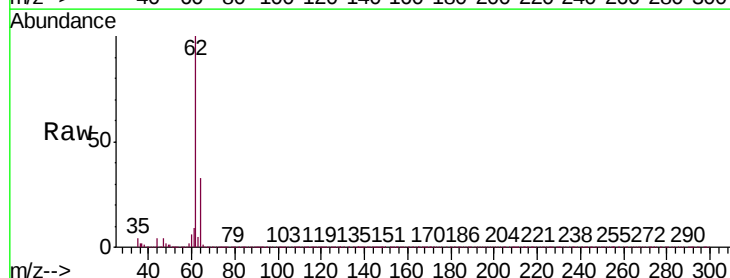
Acq: 10 Dec 2019 23:23

Tgt Ion: 62 Resp: 149344

Ion Ratio Lower Upper

62 100

64 32.9 26.0 39.0





#5

Bromomethane

Concen: 16.530 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

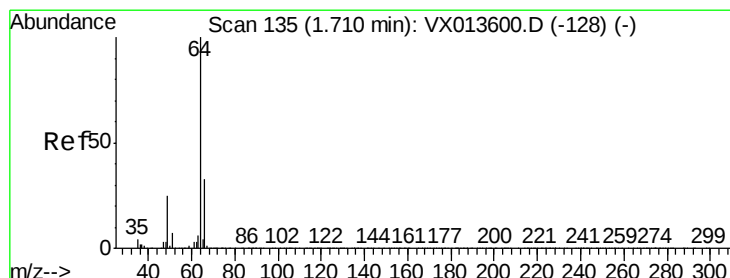
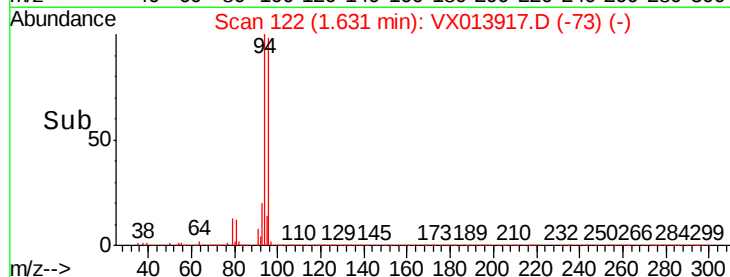
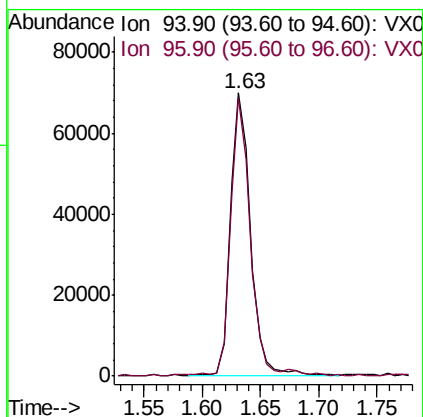
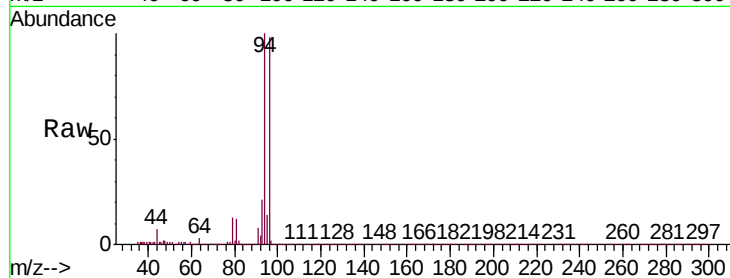
VX1210WBS02

Tgt Ion: 94 Resp: 83364

Ion Ratio Lower Upper

94 100

96 98.2 77.0 115.4



#6

Chloroethane

Concen: 19.737 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013917.D

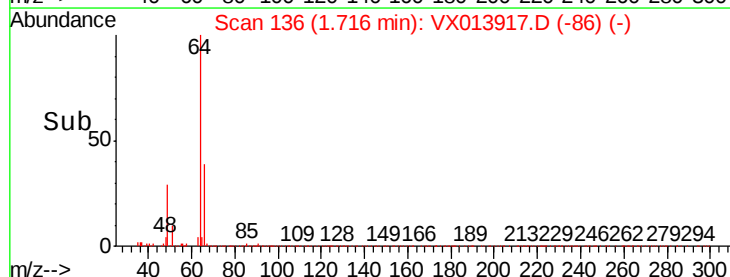
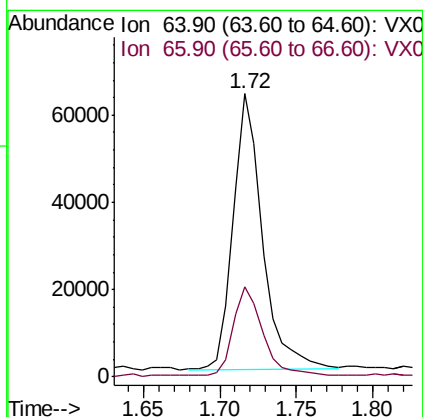
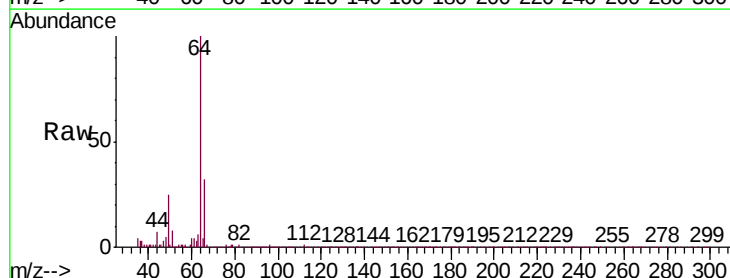
Acq: 10 Dec 2019 23:23

Tgt Ion: 64 Resp: 84343

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1



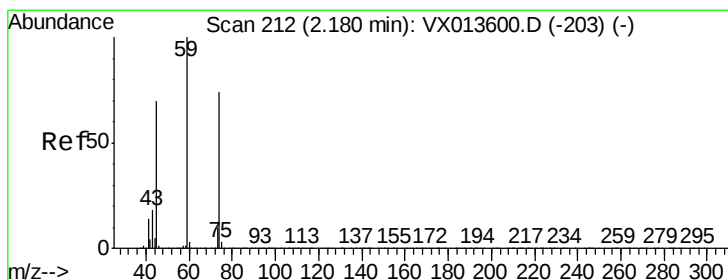
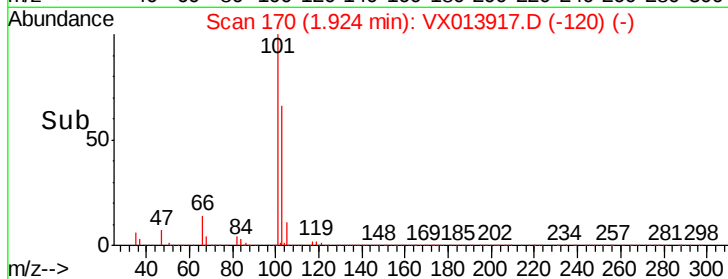
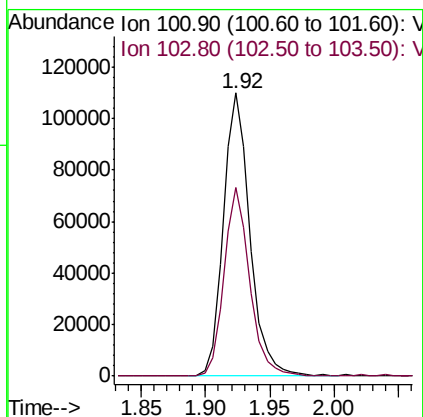
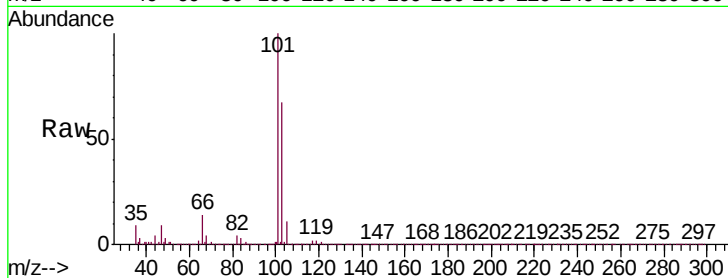


#7

Trichlorofluoromethane
Concen: 19.037 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

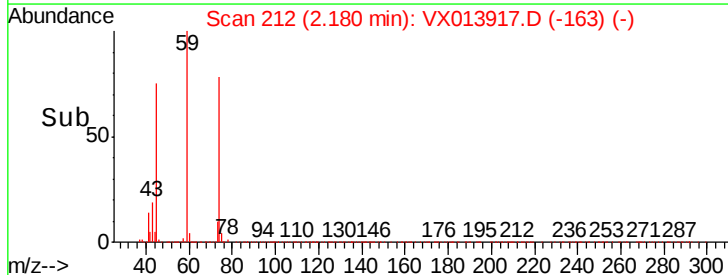
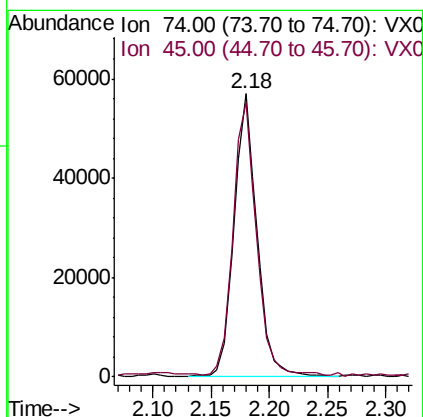
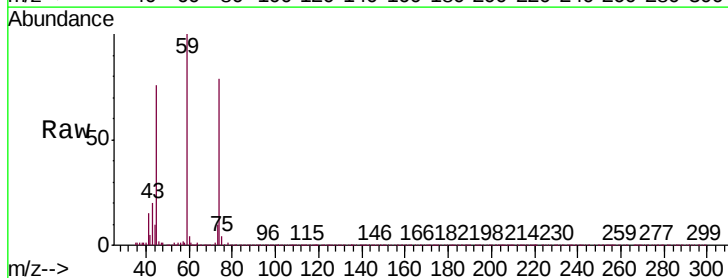
Tgt Ion:101 Resp: 158740
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.6

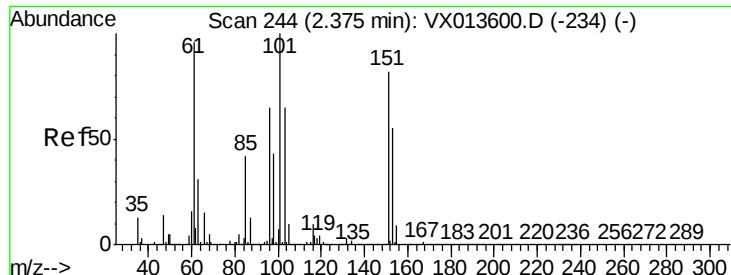


#8

Diethyl Ether
Concen: 20.537 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 74 Resp: 77476
Ion Ratio Lower Upper
74 100
45 98.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.779 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

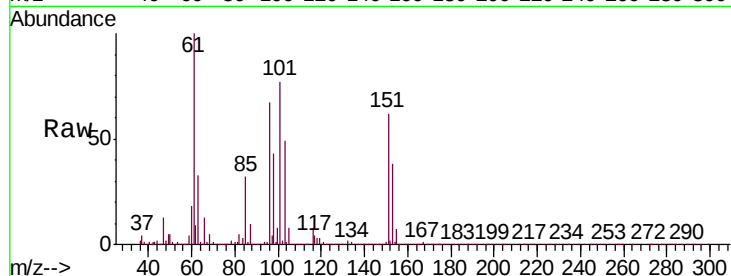
Tgt Ion:101 Resp: 95650

Ion Ratio Lower Upper

101 100

85 42.2 33.9 50.9

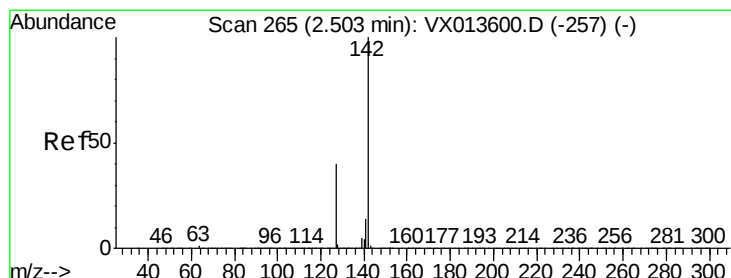
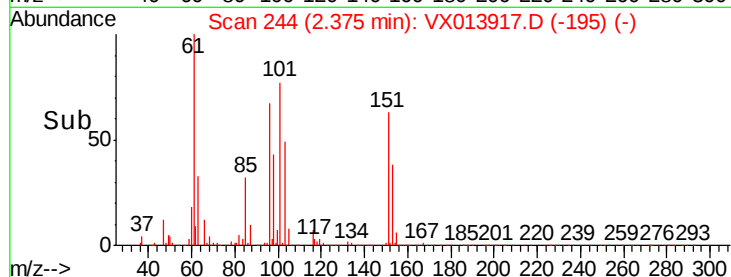
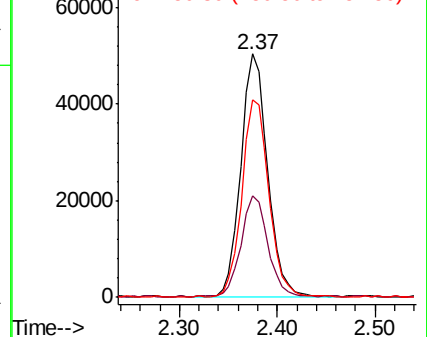
151 81.2 64.2 96.2



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: 17.217 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

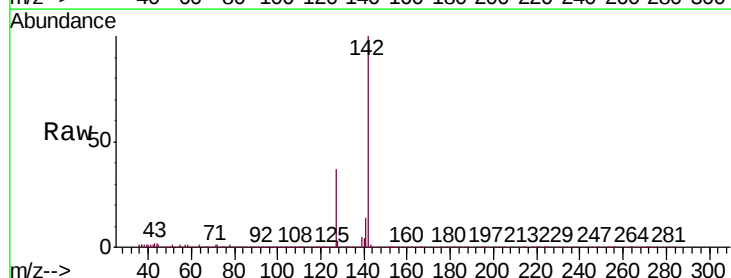
Tgt Ion:142 Resp: 106078

Ion Ratio Lower Upper

142 100

127 37.8 31.0 46.4

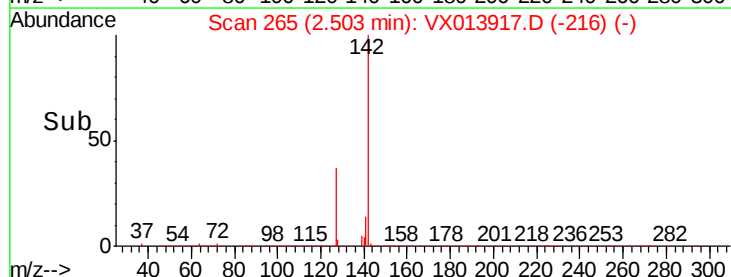
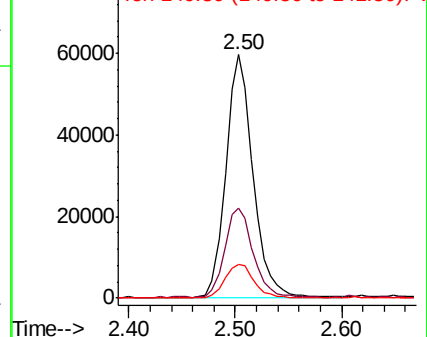
141 15.2 11.6 17.4

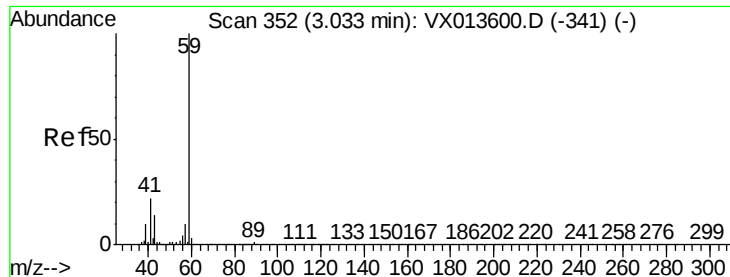


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



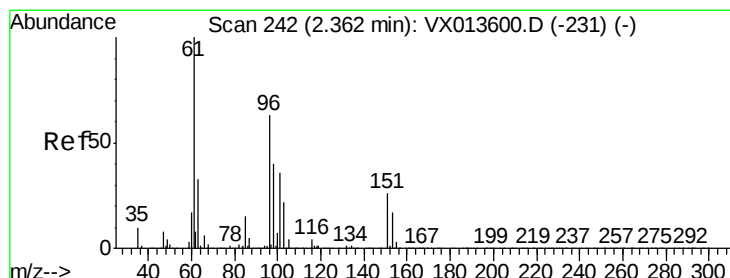
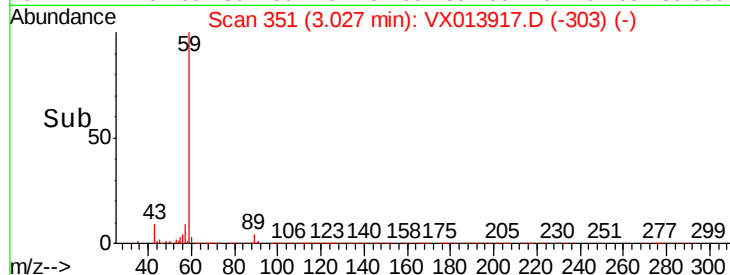
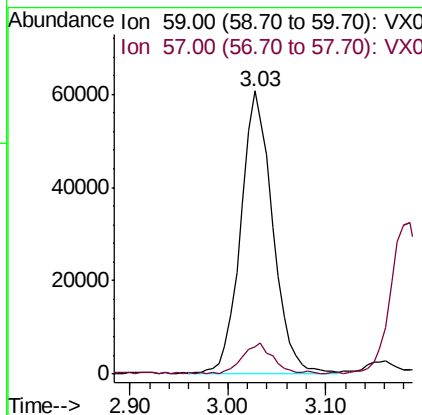
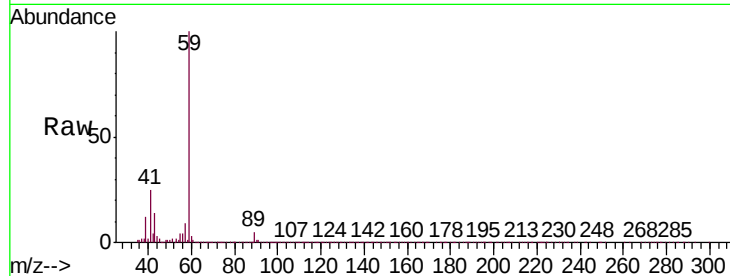


#11

Tert butyl alcohol
 Concen: 89.484 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

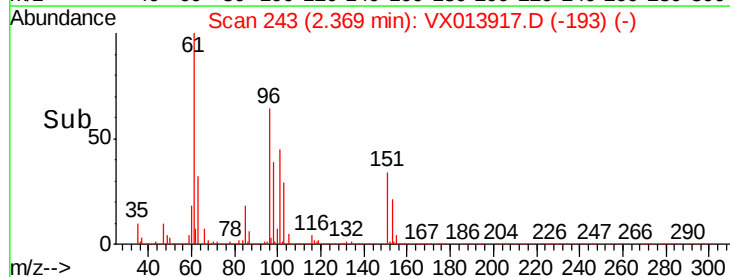
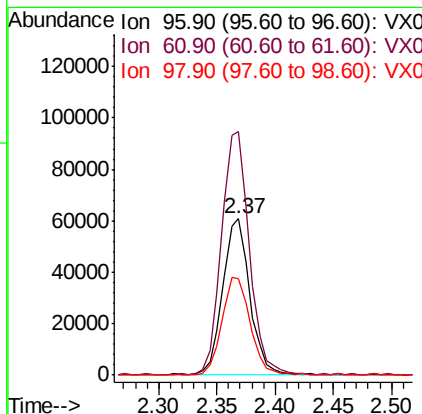
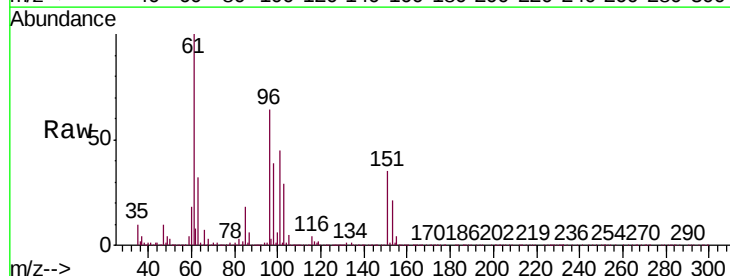
Tgt Ion: 59 Resp: 136967
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

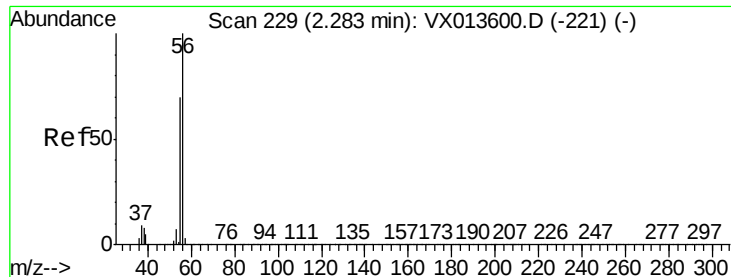


#12

1,1-Dichloroethene
 Concen: 19.165 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion: 96 Resp: 97436
 Ion Ratio Lower Upper
 96 100
 61 155.8 126.6 190.0
 98 61.4 50.6 76.0





#13

Acrolein

Concen: 77.175 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampled :

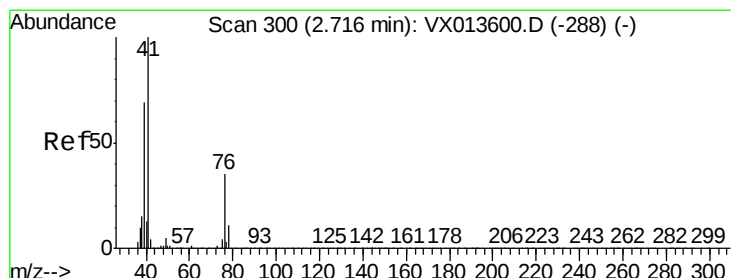
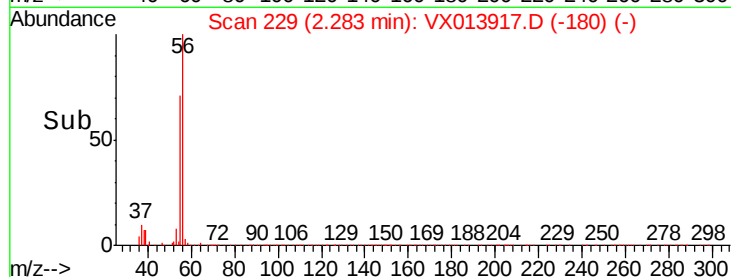
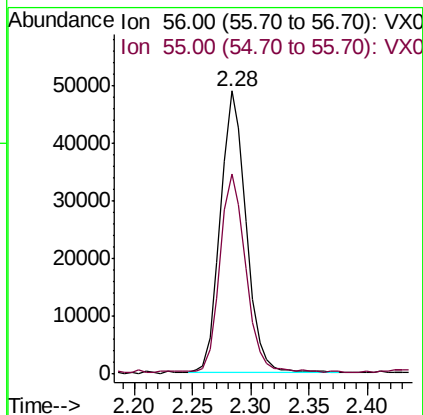
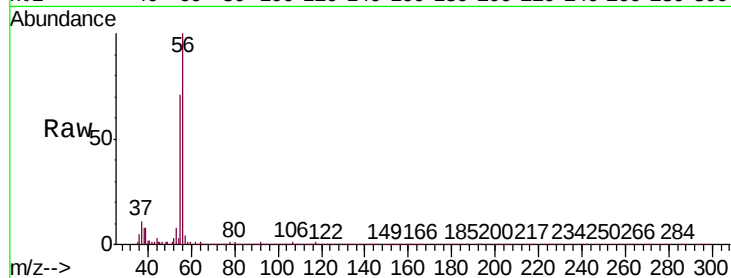
VX1210WBS02

Tgt Ion: 56 Resp: 74647

Ion Ratio Lower Upper

56 100

55 70.9 56.2 84.4



#14

Allyl chloride

Concen: 18.974 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

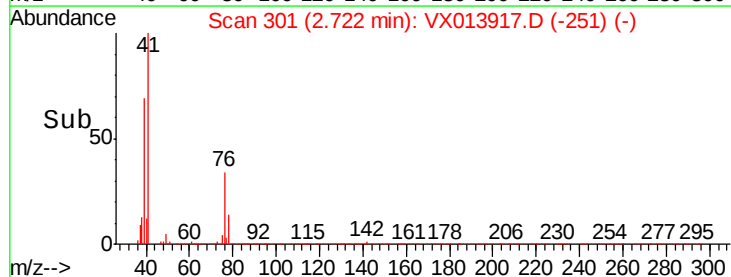
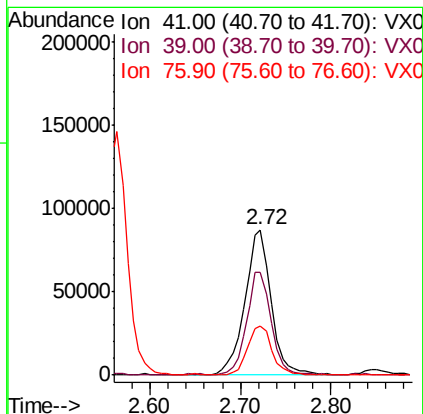
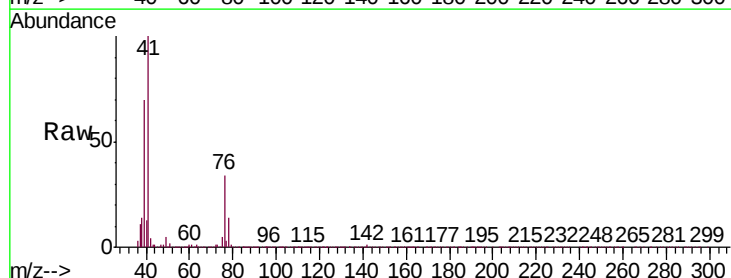
Tgt Ion: 41 Resp: 175063

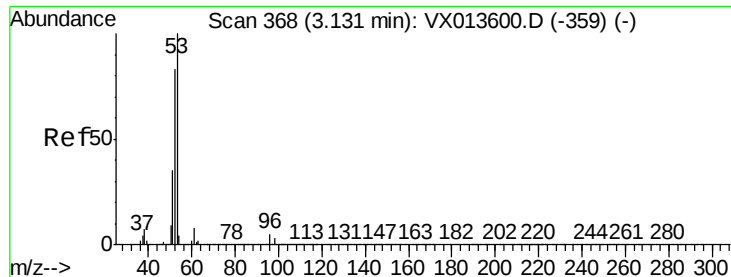
Ion Ratio Lower Upper

41 100

39 64.5 51.7 77.5

76 30.6 25.9 38.9

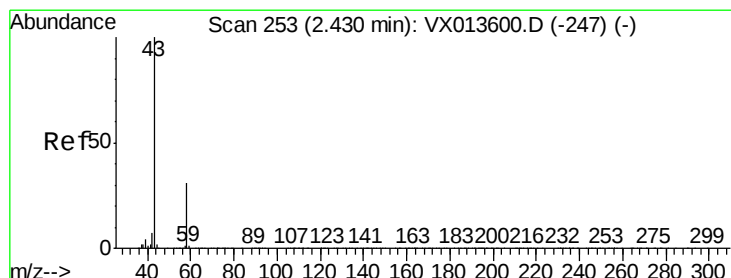
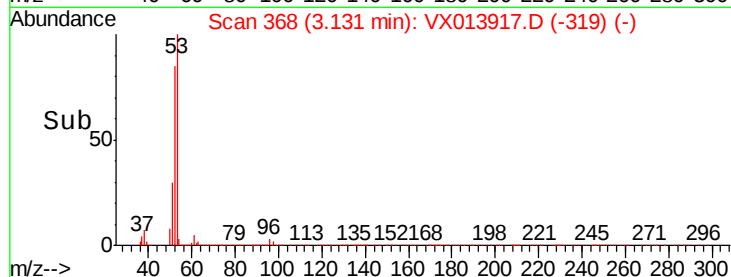
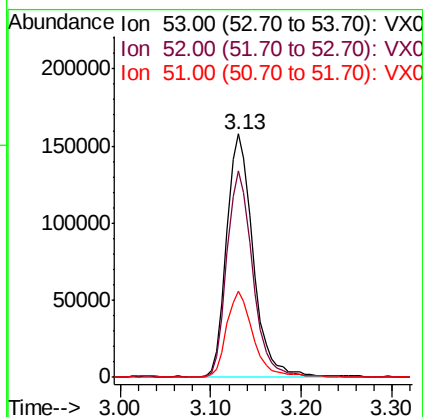
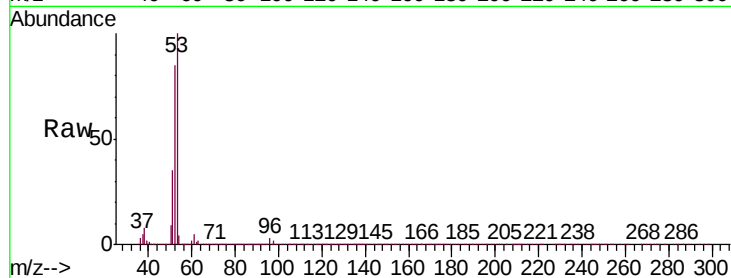




#15
Acrylonitrile
Concen: 101.878 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

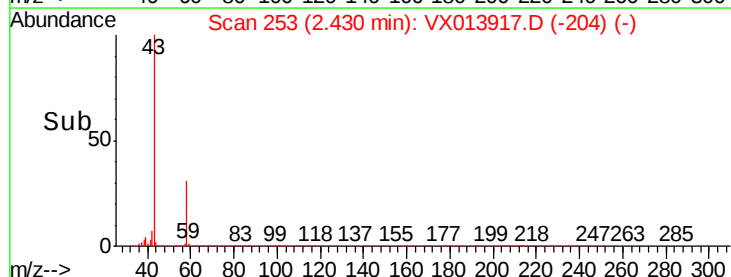
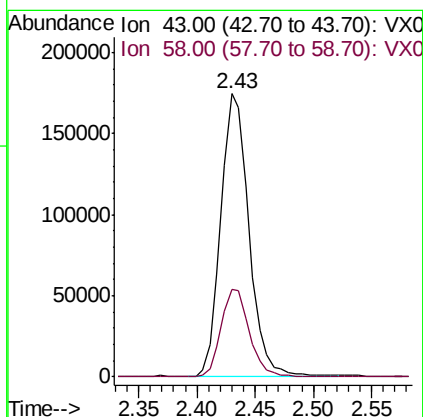
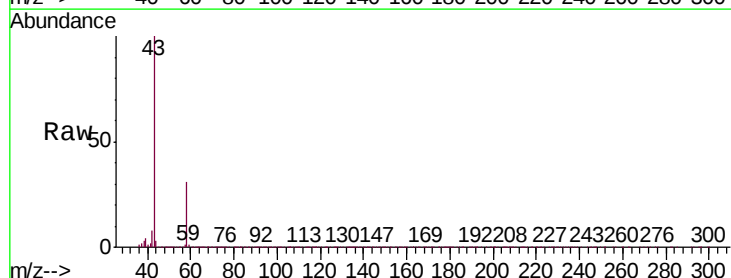
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

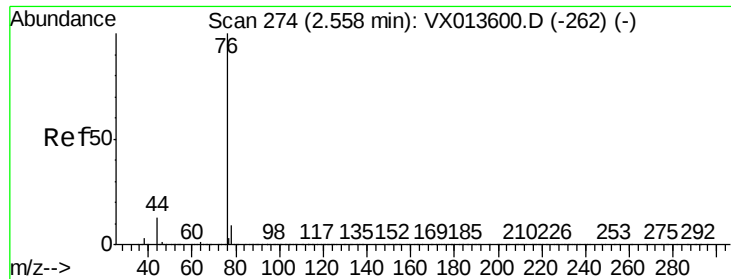
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.2	99.2
51	35.0	29.0	43.6



#16
Acetone
Concen: 94.918 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8

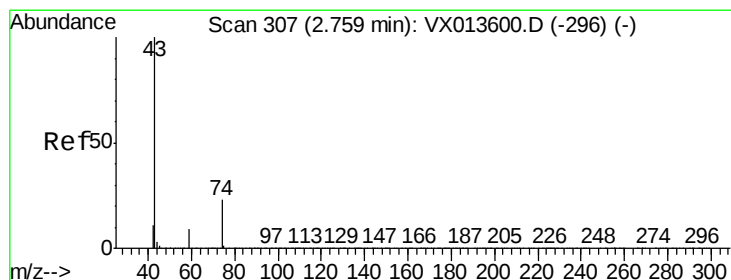
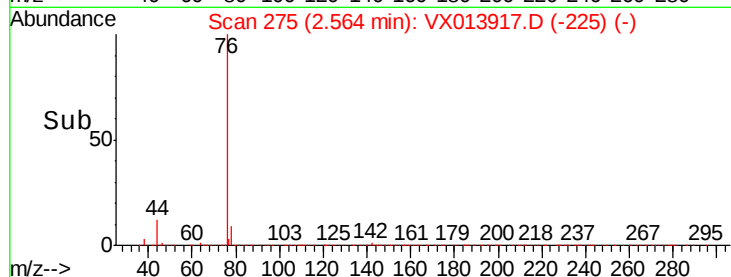
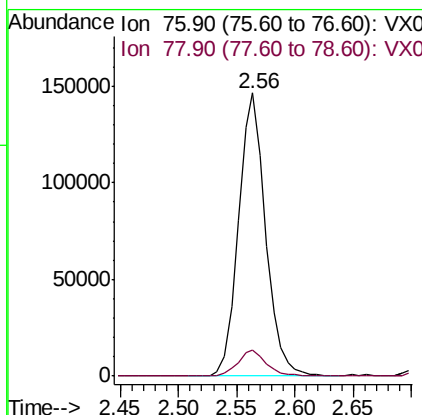
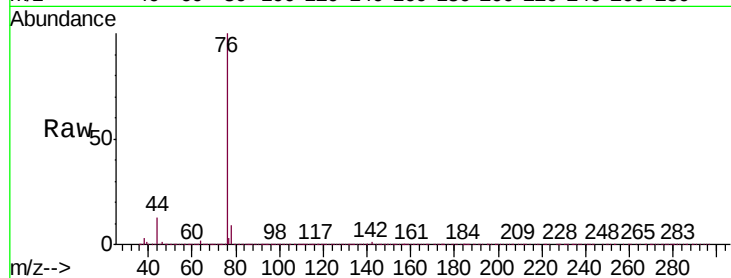




#17
Carbon Disulfide
Concen: 16.344 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

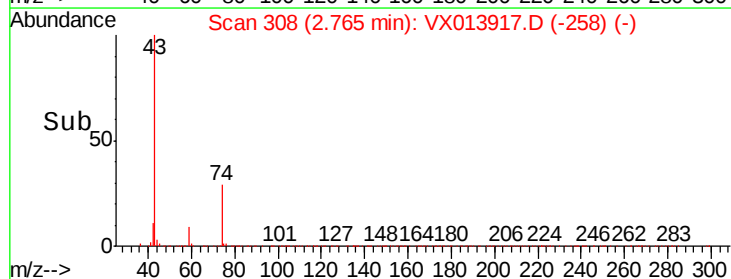
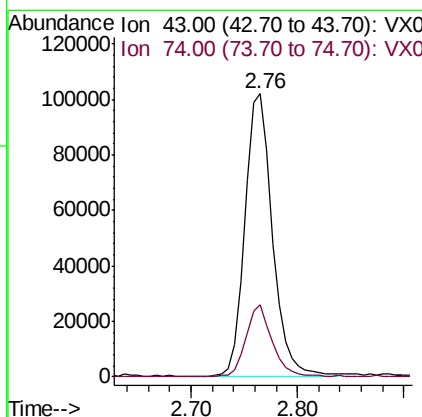
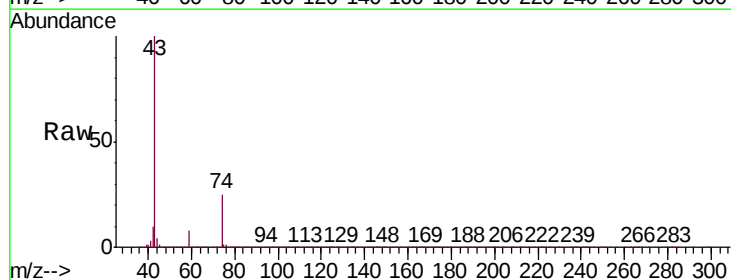
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

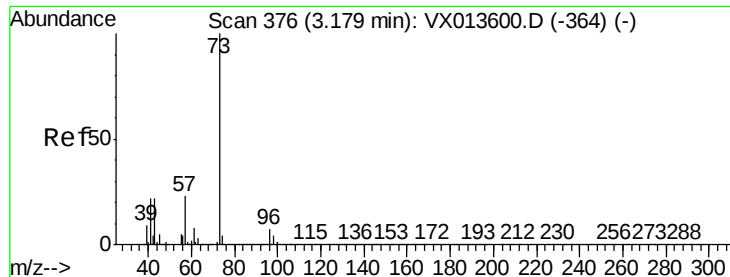
Tgt Ion: 76 Resp: 236878
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 21.667 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 43 Resp: 184718
Ion Ratio Lower Upper
43 100
74 23.7 19.5 29.3



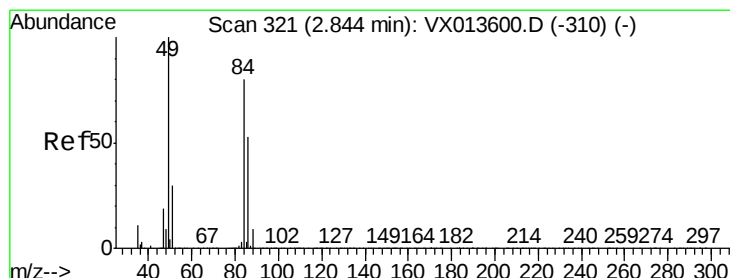
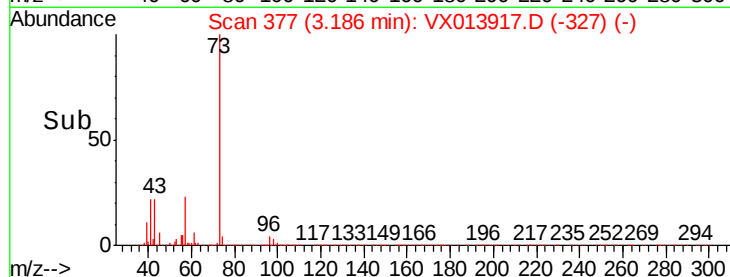
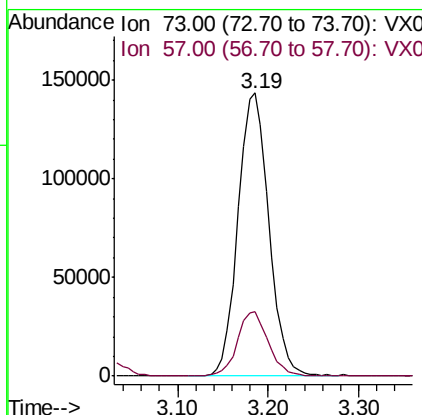
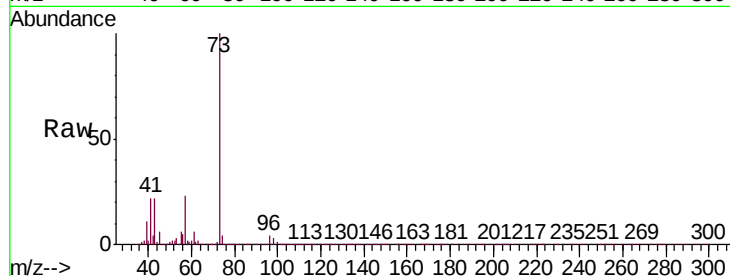


#19

Methyl tert-butyl Ether
 Concen: 20.056 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

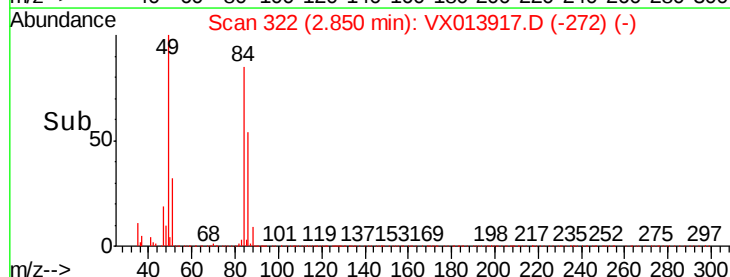
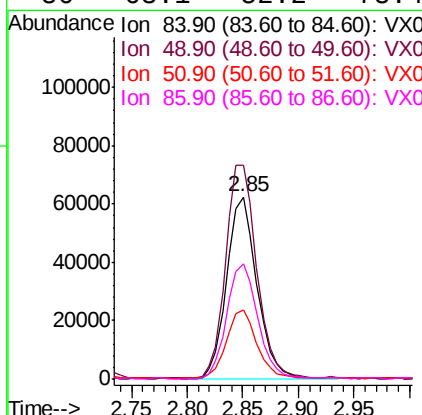
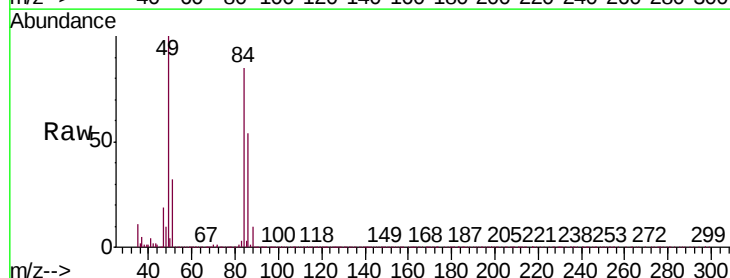
Tgt Ion: 73 Resp: 337787
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.3 27.5

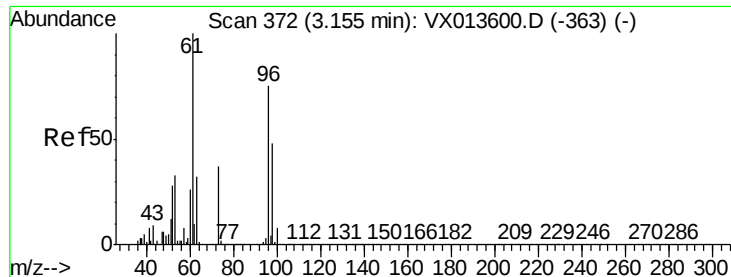


#20

Methylene Chloride
 Concen: 20.067 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion: 84 Resp: 118031
 Ion Ratio Lower Upper
 84 100
 49 116.7 99.7 149.5
 51 36.9 29.9 44.9
 86 63.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.031 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

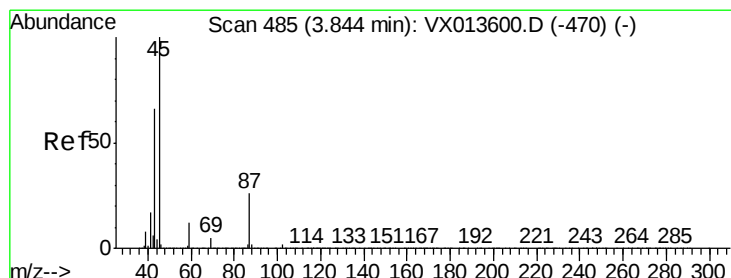
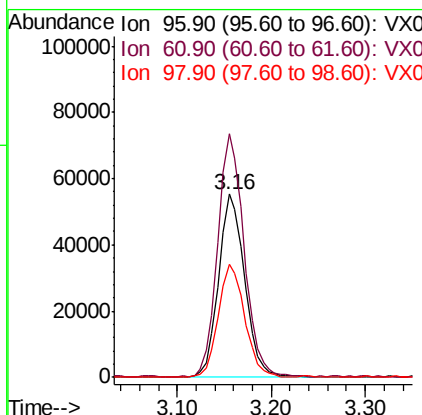
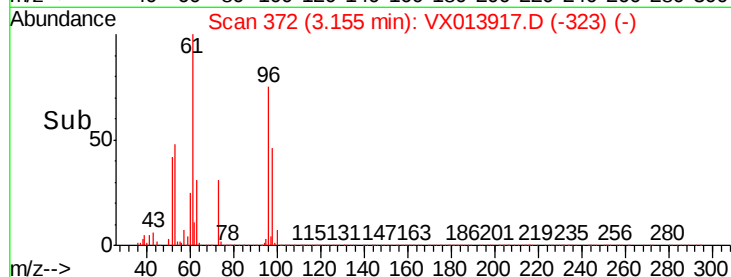
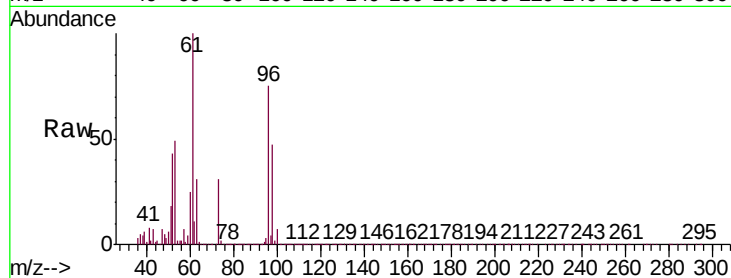
Tgt Ion: 96 Resp: 105405

Ion Ratio Lower Upper

96 100

61 133.3 107.2 160.8

98 61.9 51.4 77.0



#22

Diisopropyl ether

Concen: 20.751 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion: 45 Resp: 368644

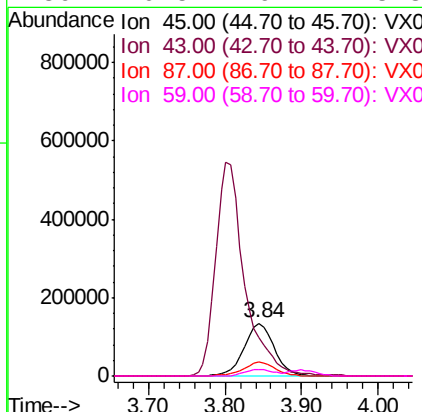
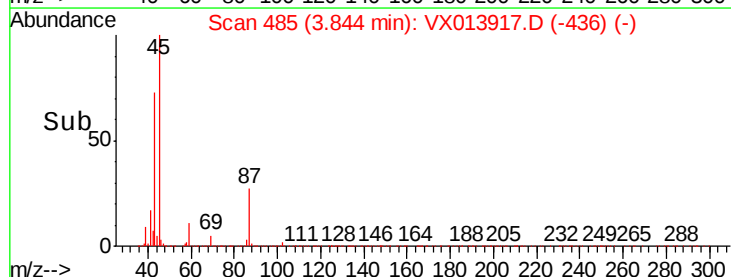
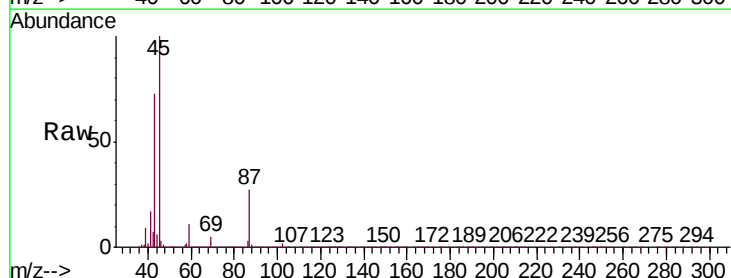
Ion Ratio Lower Upper

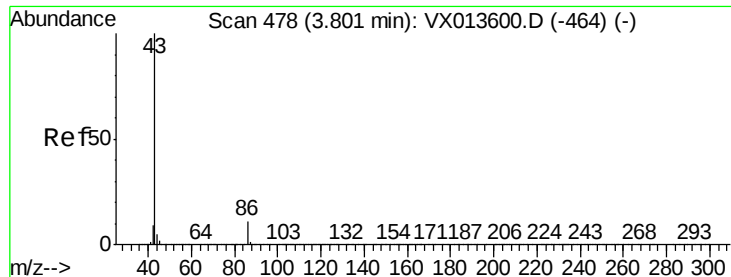
45 100

43 72.9 52.6 79.0

87 26.8 21.1 31.7

59 10.5 9.2 13.8





#23

Vinyl Acetate

Concen: 97.011 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

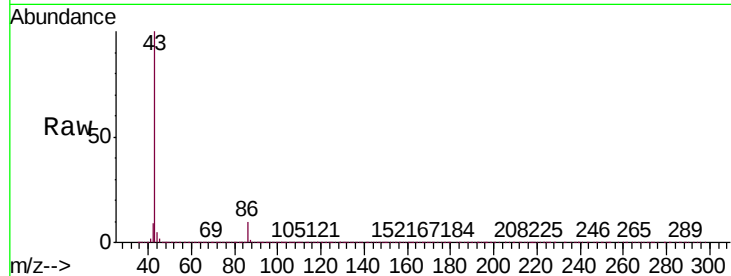
VX1210WBS02

Tgt Ion: 43 Resp: 1433728

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

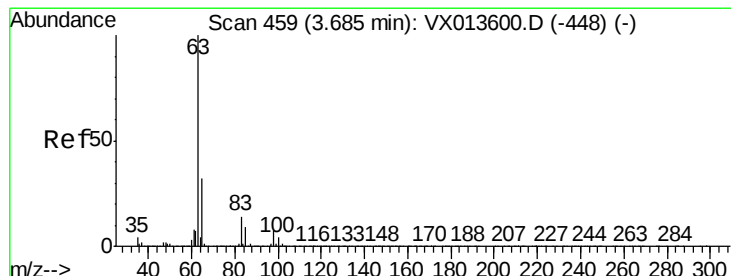
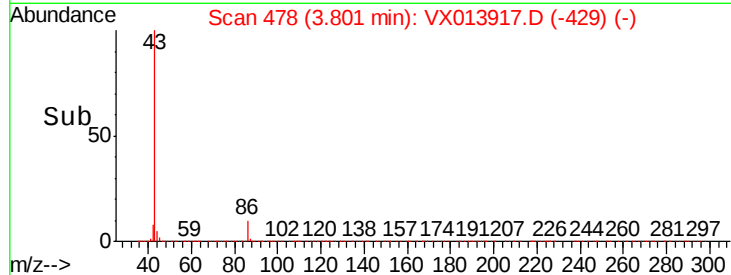
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.323 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

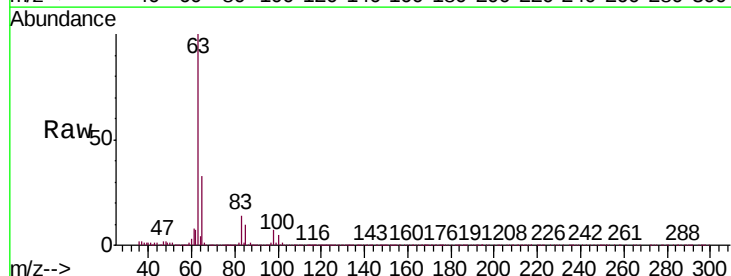
Tgt Ion: 63 Resp: 197371

Ion Ratio Lower Upper

63 100

98 7.2 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

3.69

100000

80000

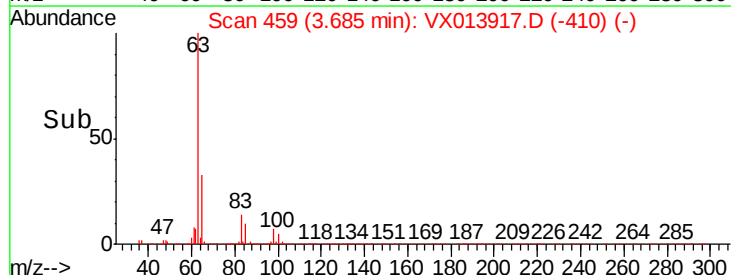
60000

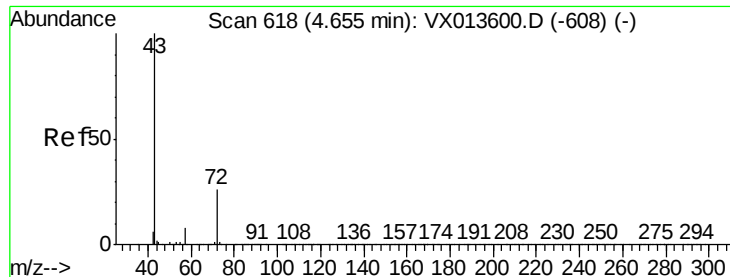
40000

20000

0

Time-->

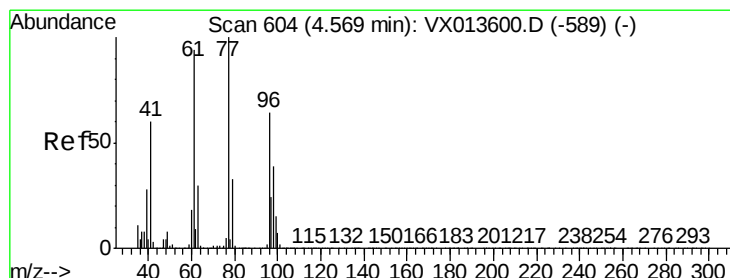
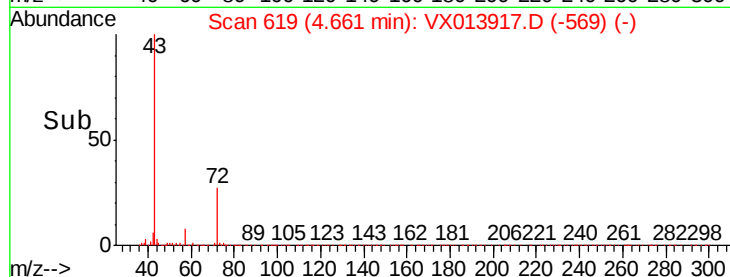
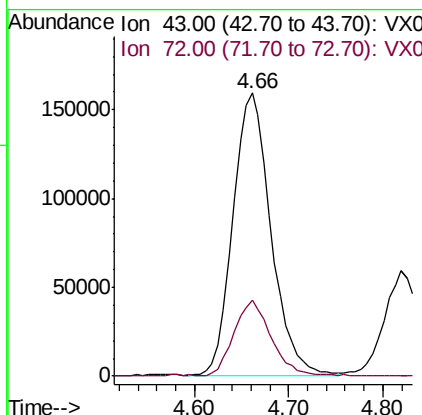
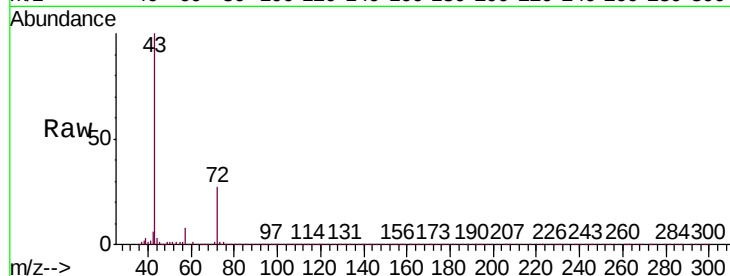




#25
2-Butanone
Concen: 97.949 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

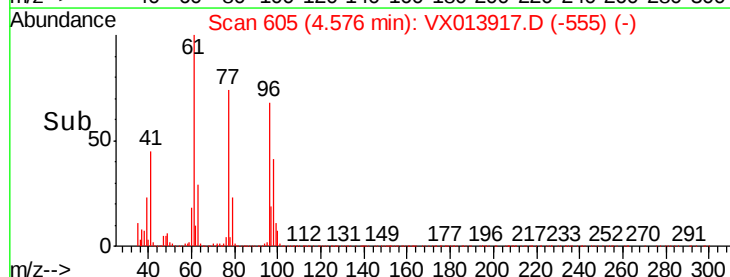
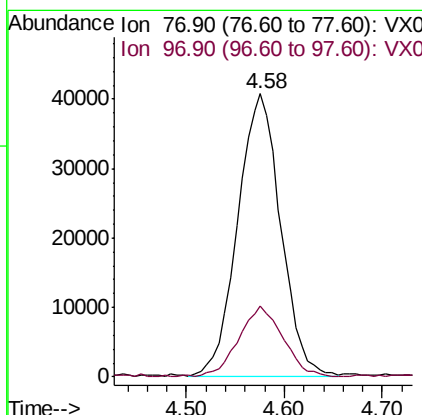
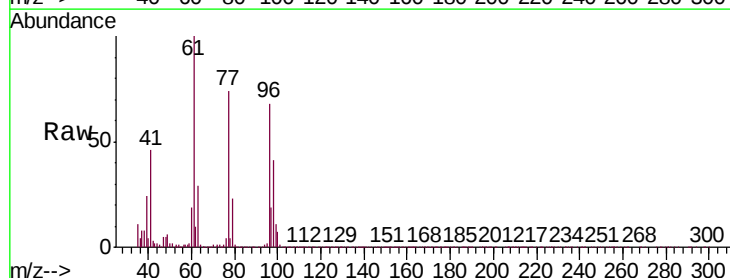
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

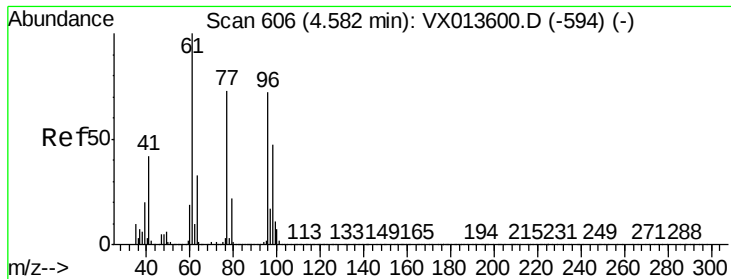
Tgt Ion: 43 Resp: 445677
Ion Ratio Lower Upper
43 100
72 26.5 20.6 31.0



#26
2,2-Dichloropropane
Concen: 15.338 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 77 Resp: 123246
Ion Ratio Lower Upper
77 100
97 26.2 12.0 36.1



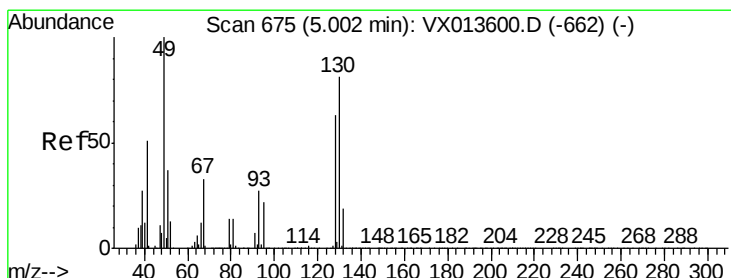
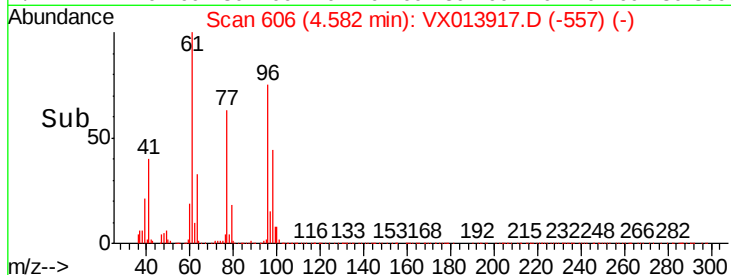
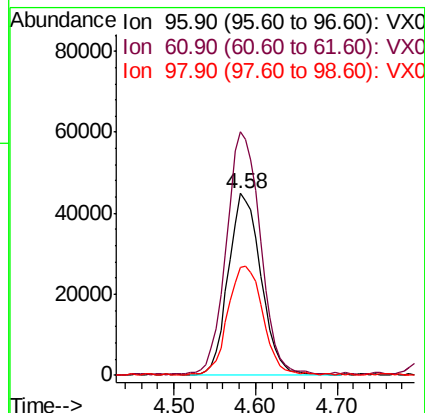
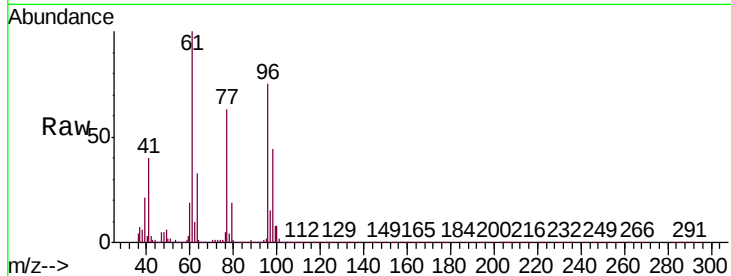


#27

cis-1,2-Dichloroethene
Concen: 19.399 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

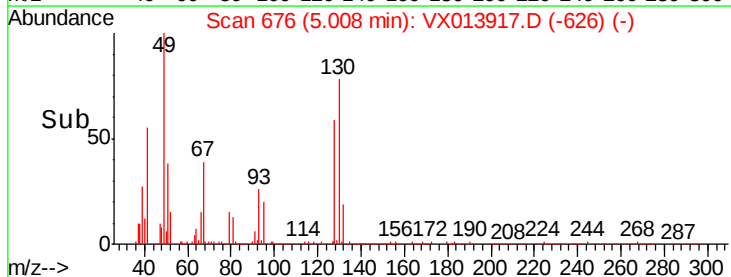
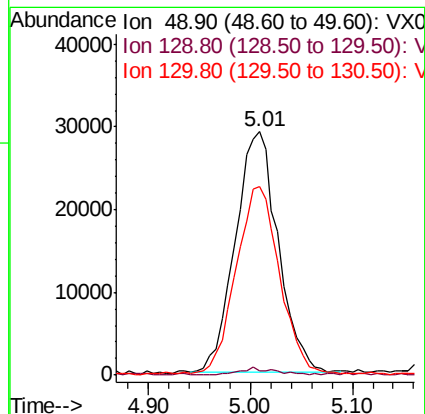
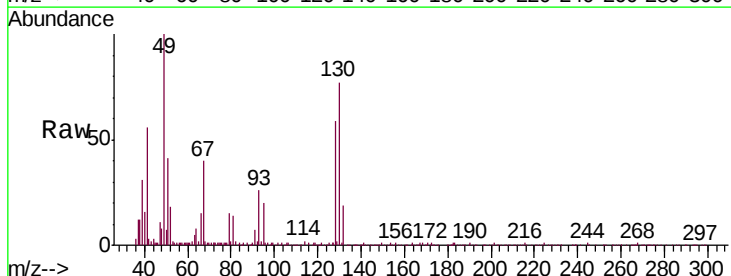
Tgt Ion: 96 Resp: 123384
Ion Ratio Lower Upper
96 100
61 139.2 0.0 286.4
98 64.1 0.0 127.4

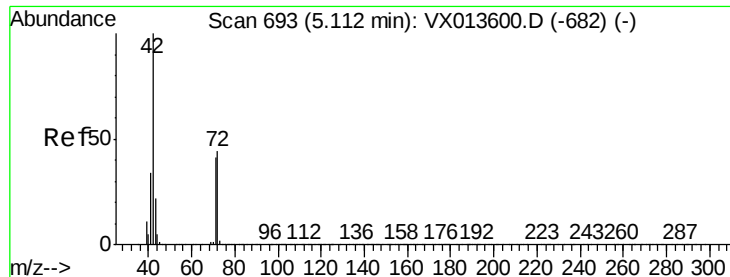


#28

Bromochloromethane
Concen: 22.196 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 49 Resp: 85214
Ion Ratio Lower Upper
49 100
129 1.8 0.0 5.0
130 78.3 65.4 98.0





#29

Tetrahydrofuran

Concen: 102.072 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

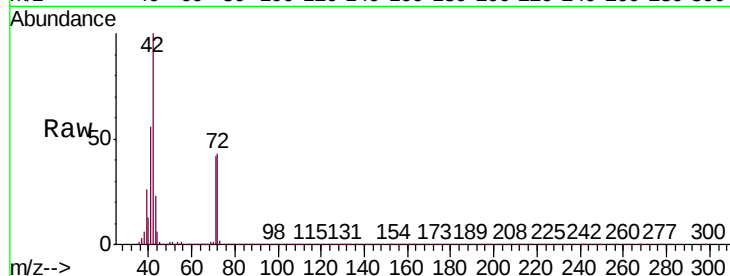
Tgt Ion: 42 Resp: 286309

Ion Ratio Lower Upper

42 100

72 44.6 36.3 54.5

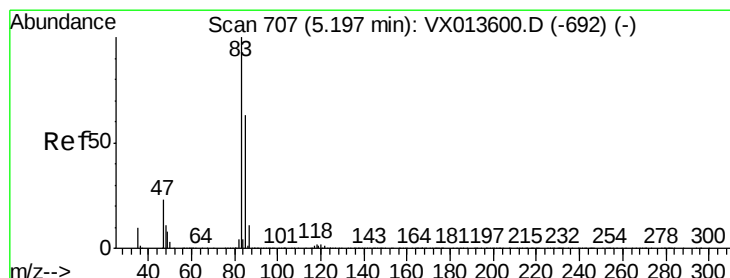
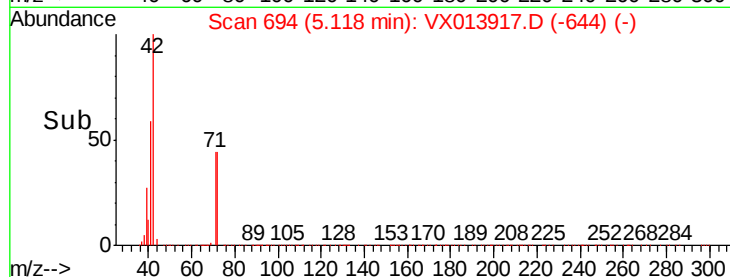
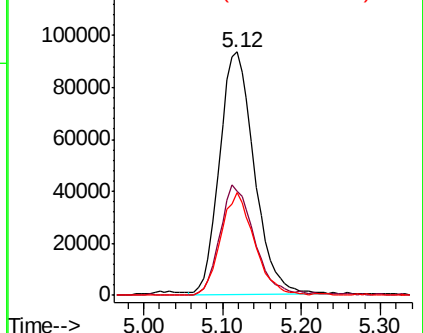
71 41.2 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.652 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013917.D

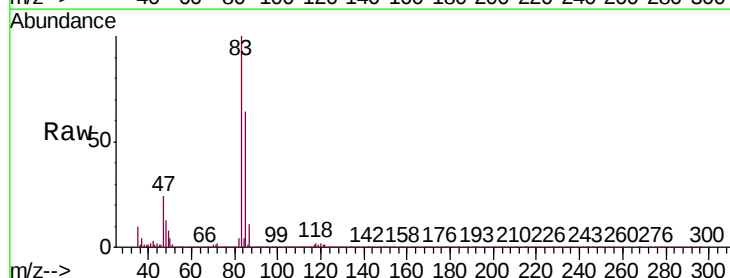
Acq: 10 Dec 2019 23:23

Tgt Ion: 83 Resp: 193554

Ion Ratio Lower Upper

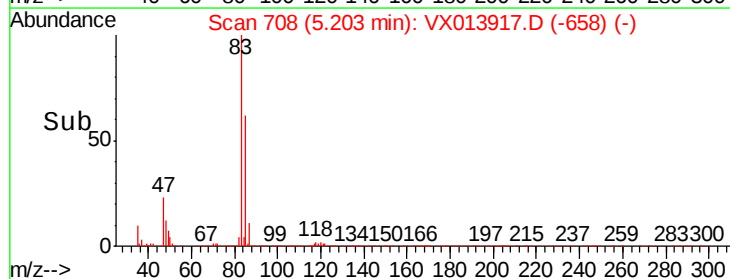
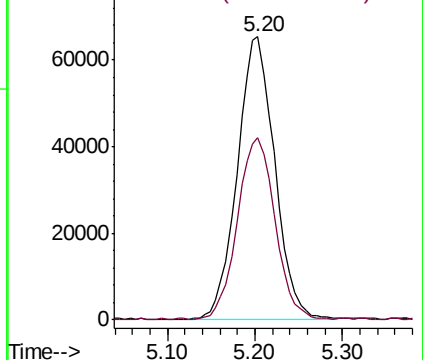
83 100

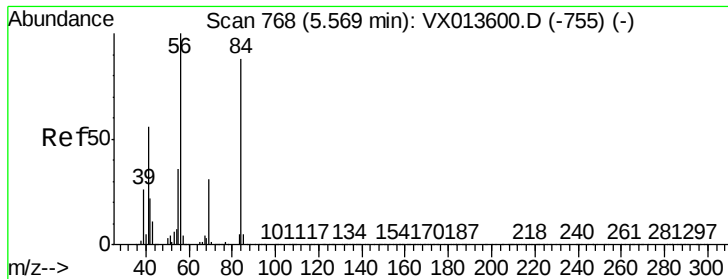
85 64.3 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.048 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

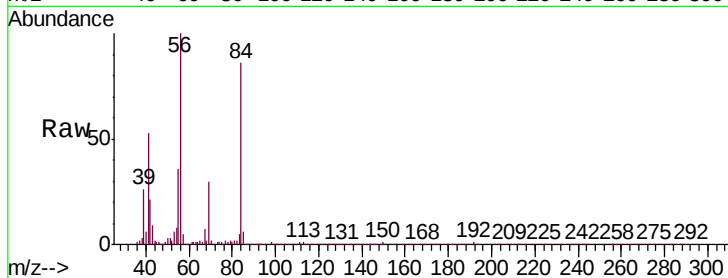
Tgt Ion: 56 Resp: 165326

Ion Ratio Lower Upper

56 100

69 30.2 24.6 36.8

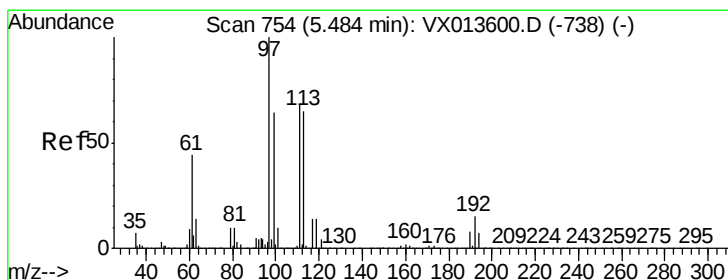
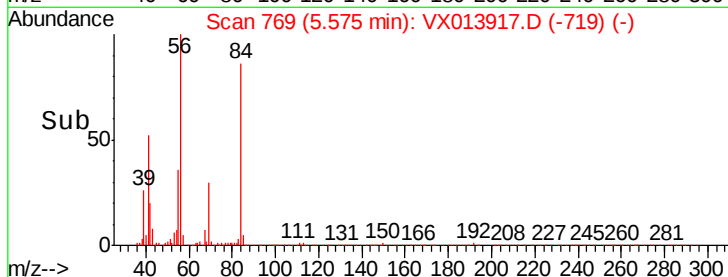
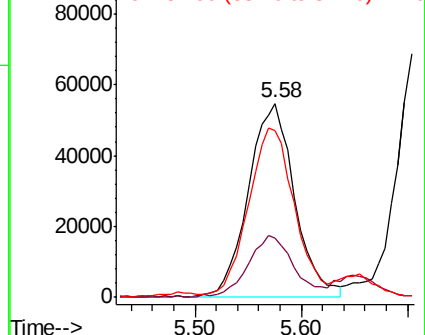
84 84.5 70.0 105.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.351 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

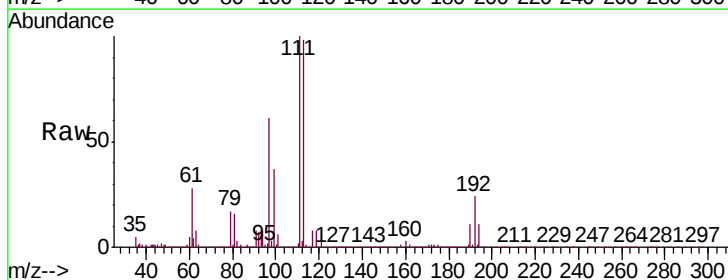
Tgt Ion: 97 Resp: 159269

Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

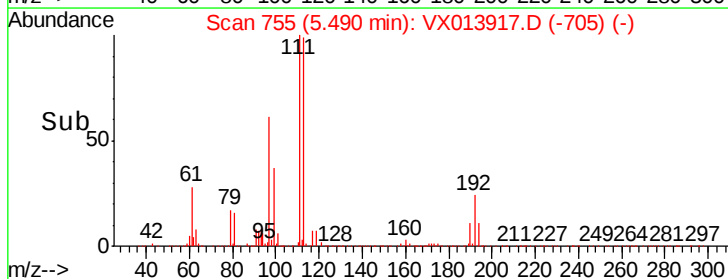
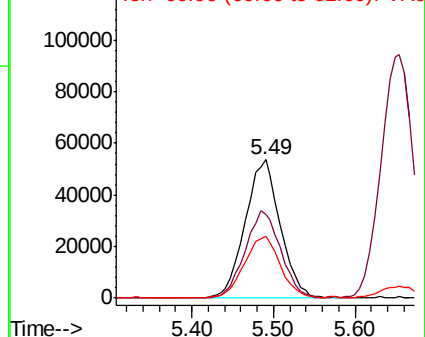
61 45.8 36.1 54.1

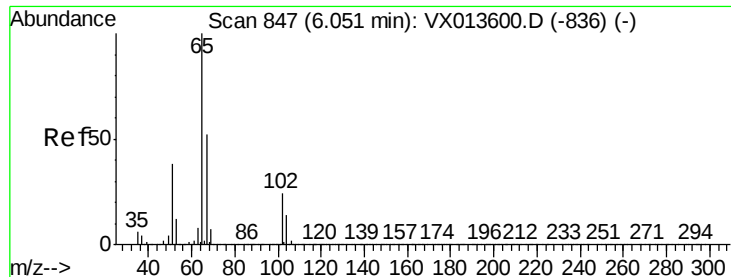


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.217 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

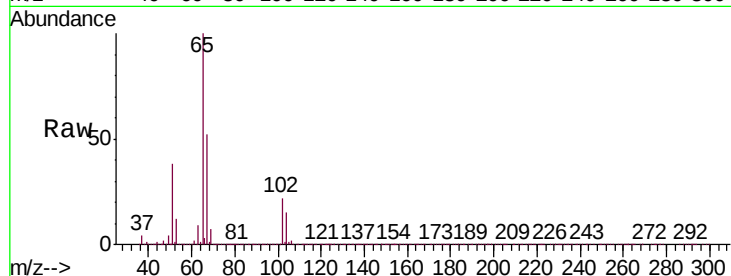
VX1210WBS02

Tgt Ion: 65 Resp: 298999

Ion Ratio Lower Upper

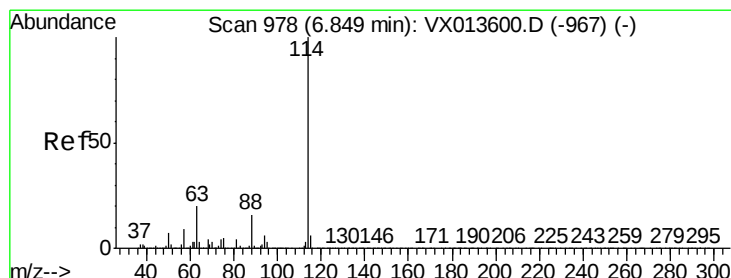
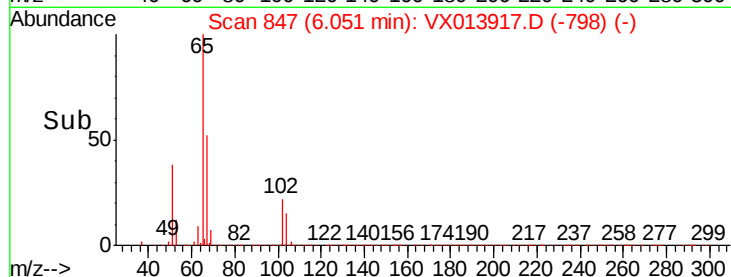
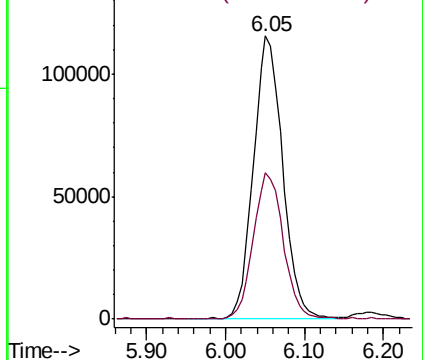
65 100

67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

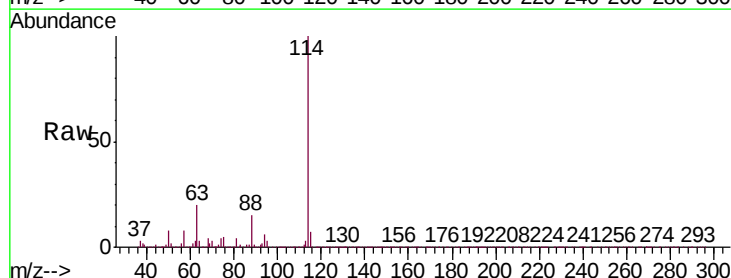
Tgt Ion: 114 Resp: 845324

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

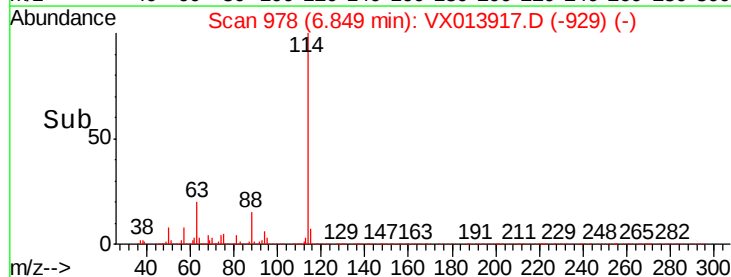
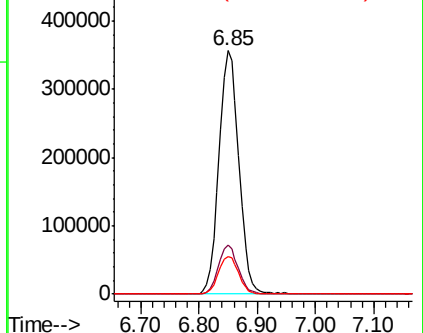
88 15.3 0.0 31.4



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

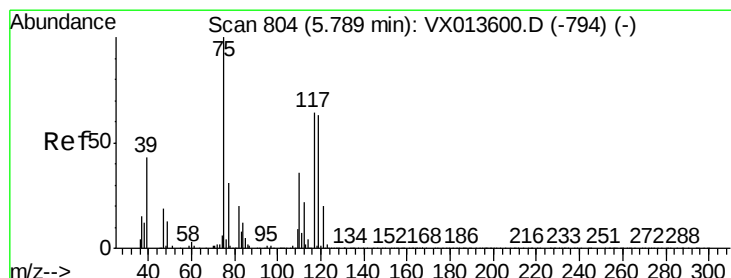
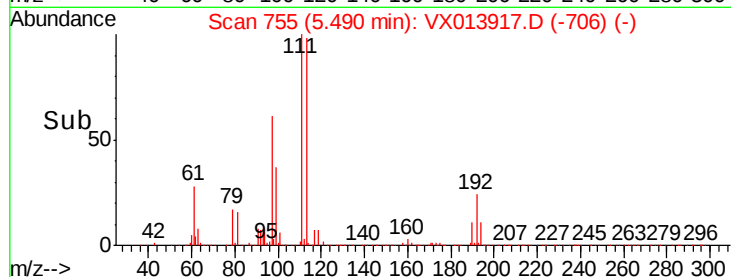
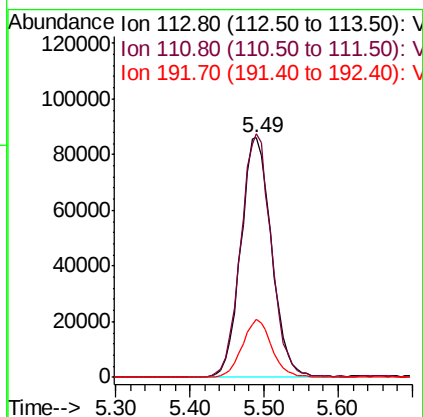
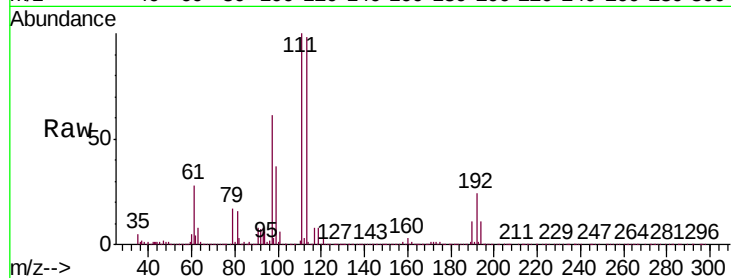




#35
Dibromofluoromethane
Concen: 47.972 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

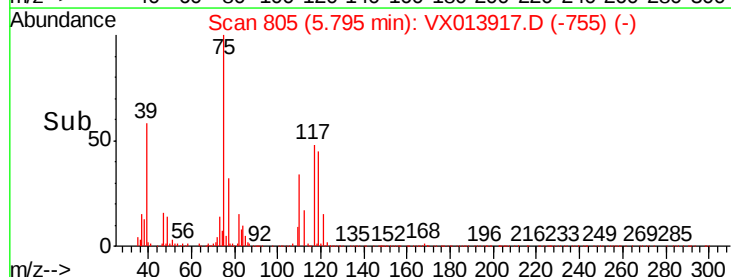
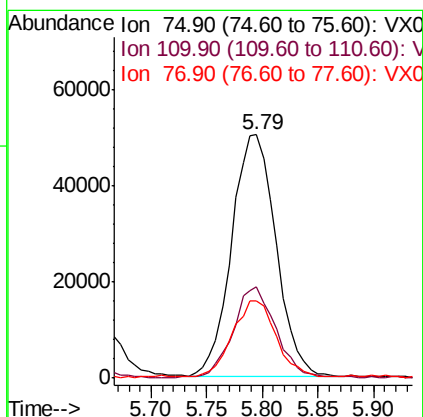
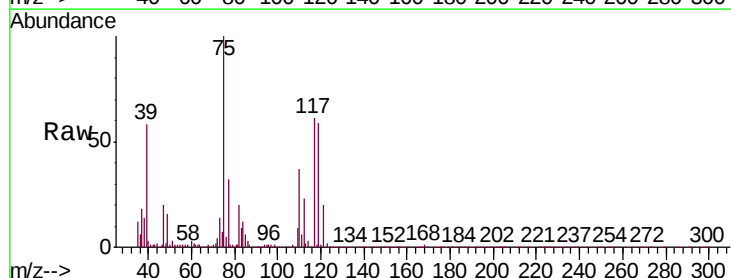
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

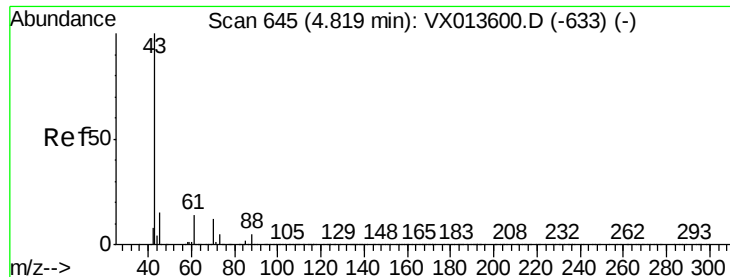
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.0	83.6	125.4
192	22.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.118 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.1
77	31.0	24.5	36.7

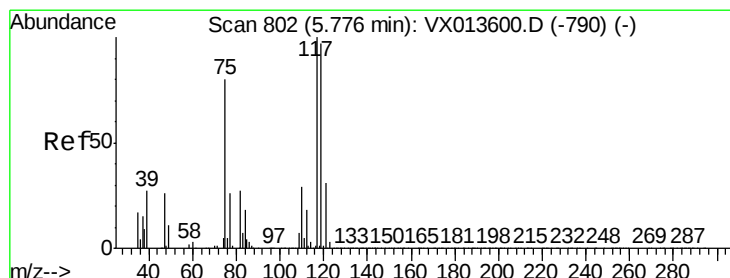
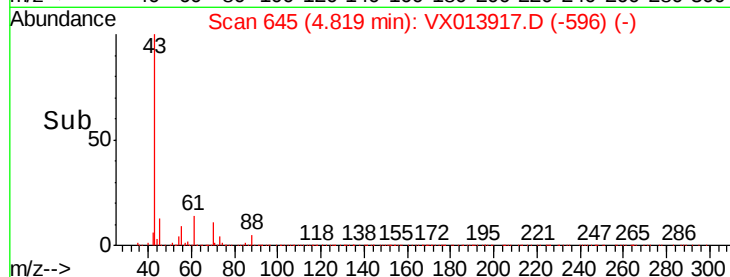
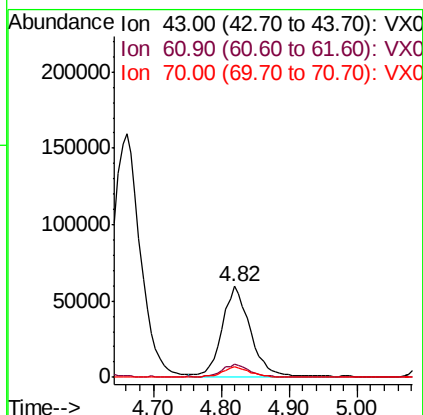
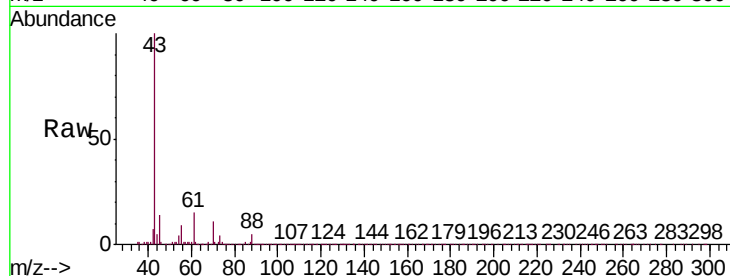




#37
Ethyl Acetate
Concen: 19.624 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

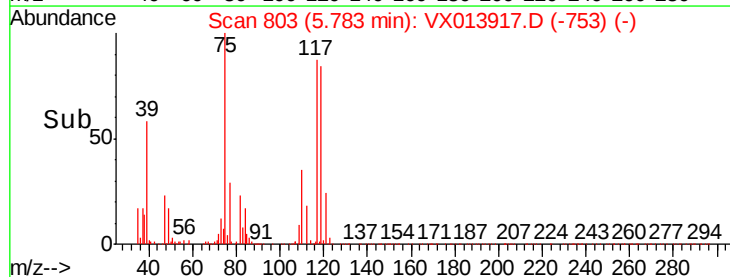
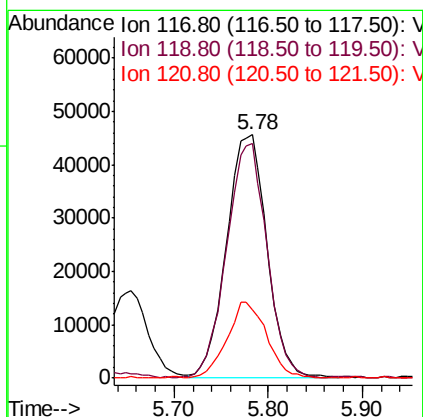
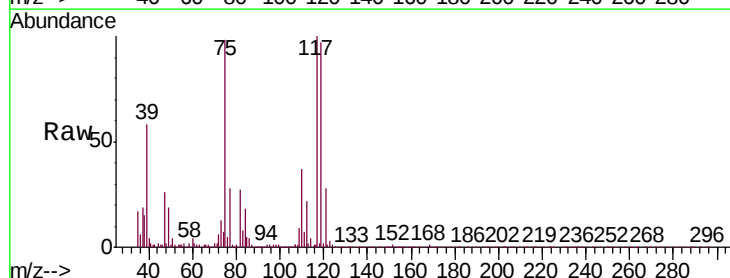
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

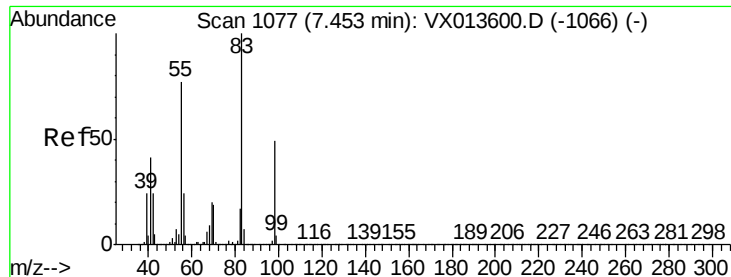
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.6	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.138 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
121	28.1	25.0	37.6

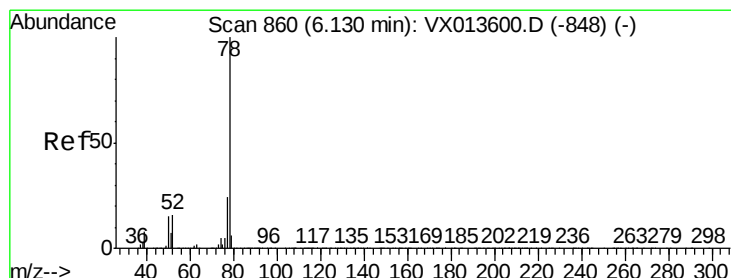
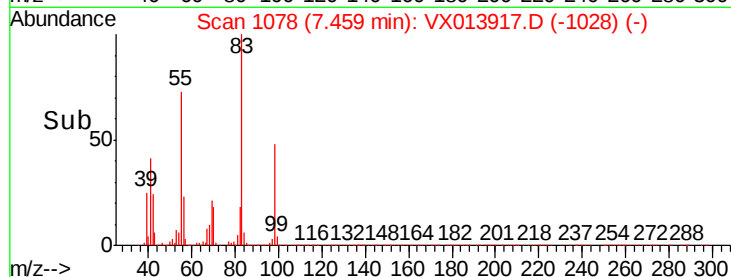
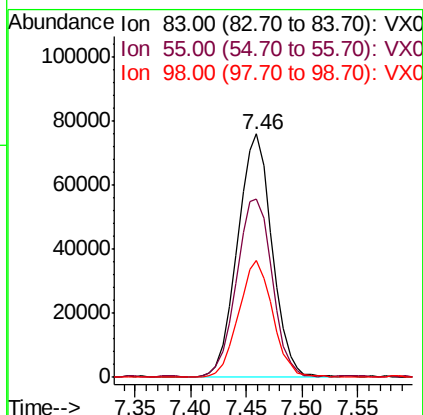
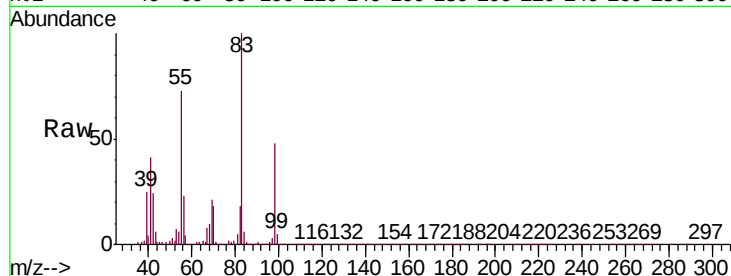




#39
Methylcyclohexane
Concen: 17.168 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

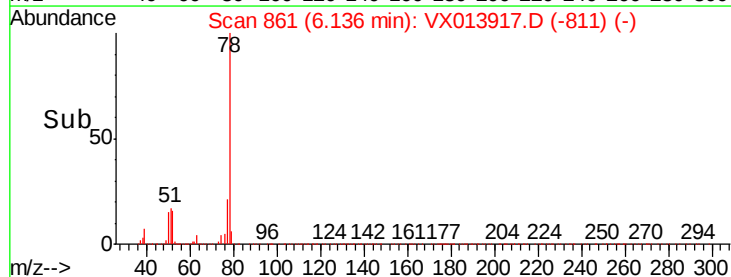
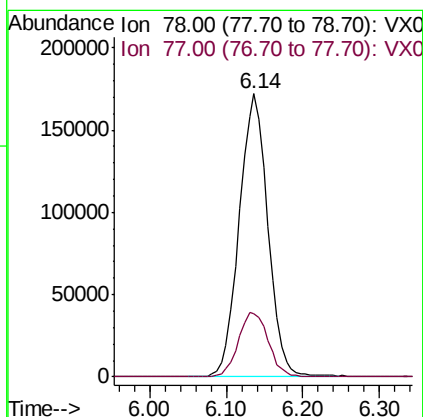
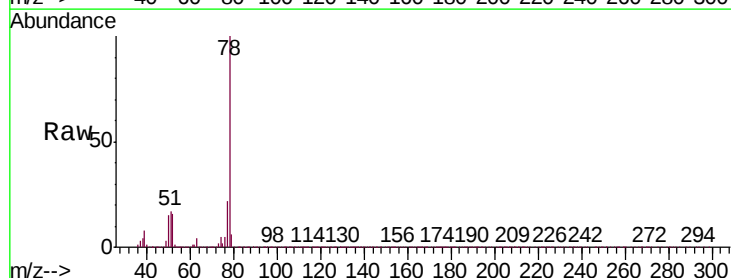
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

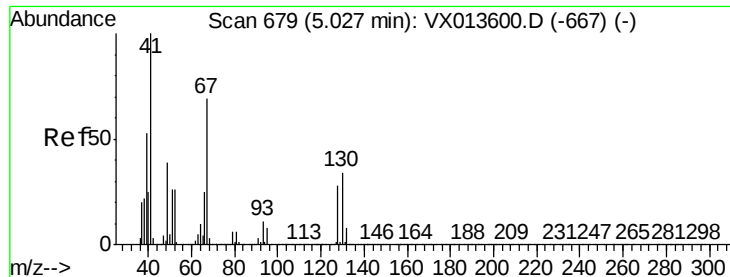
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.8	61.9	92.9
98	48.0	39.4	59.0



#40
Benzene
Concen: 19.085 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.4

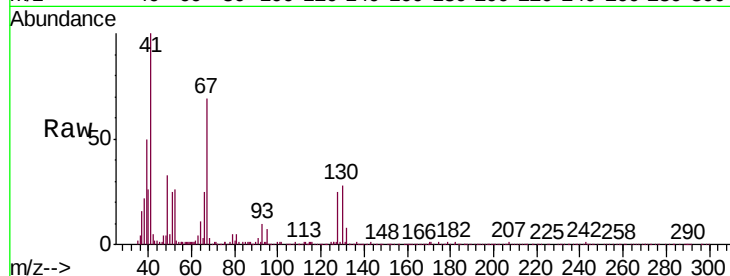




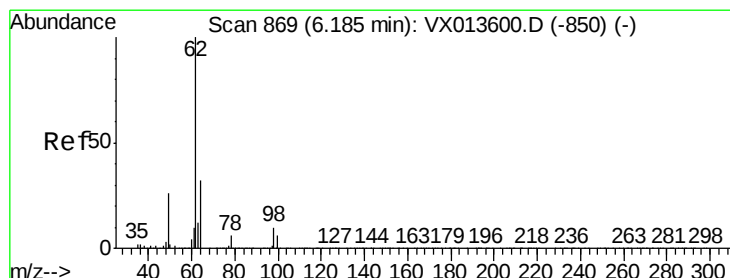
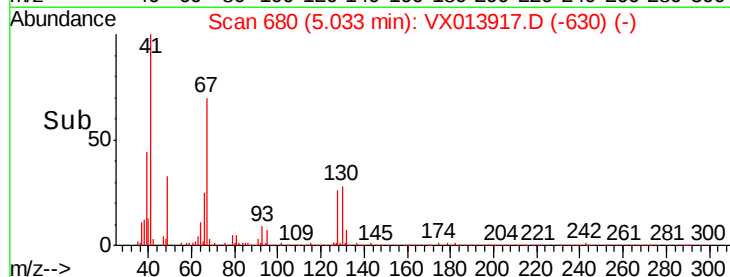
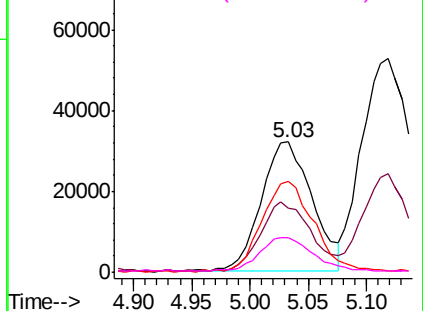
#41
Methacrylonitrile
Concen: 20.391 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tgt Ion:	41	Resp:	96264
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.9	64.3
67	70.7	57.4	86.0
52	27.8	22.4	33.6

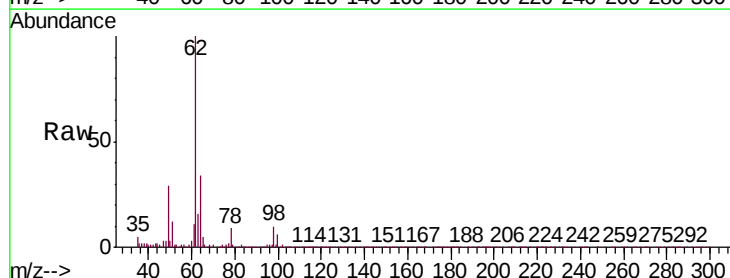


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

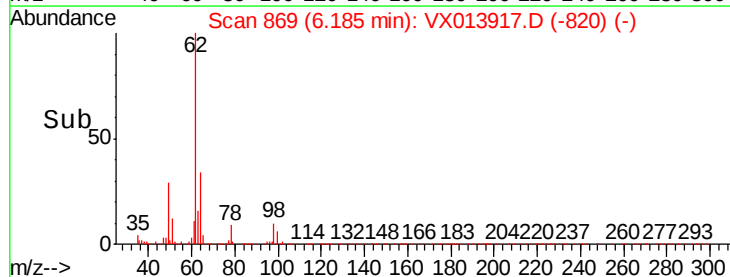
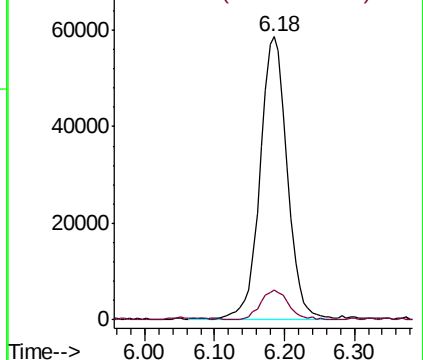


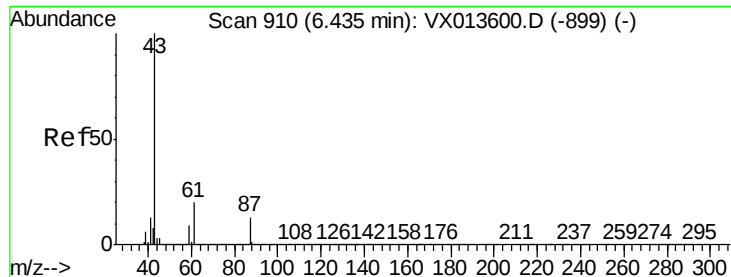
#42
1,2-Dichloroethane
Concen: 19.989 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion:	62	Resp:	159321
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.987 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

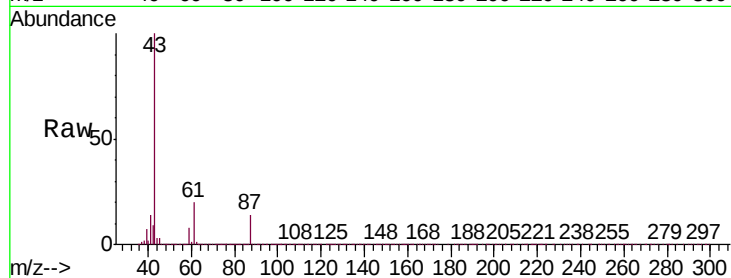
Tgt Ion: 43 Resp: 269080

Ion Ratio Lower Upper

43 100

61 19.9 16.3 24.5

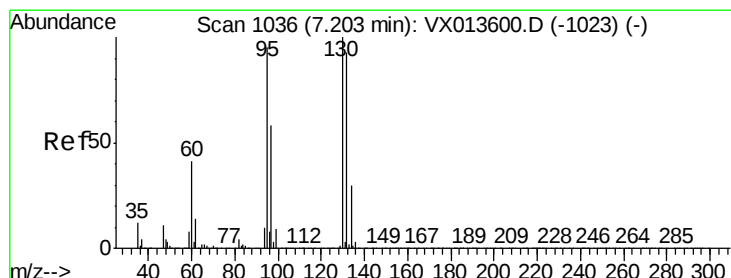
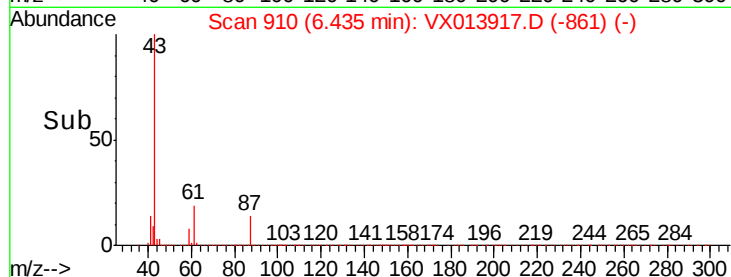
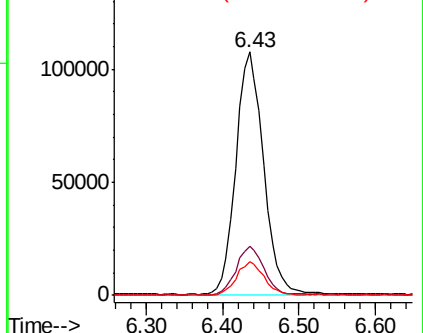
87 13.3 10.8 16.2



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: 18.955 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013917.D

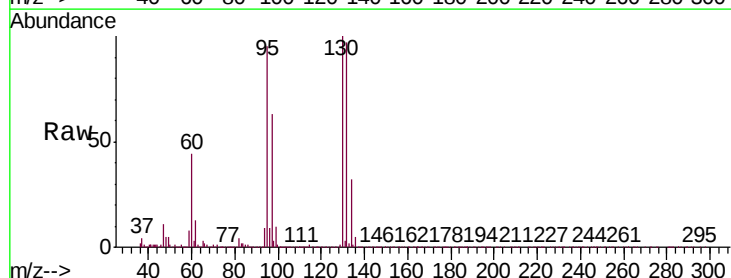
Acq: 10 Dec 2019 23:23

Tgt Ion: 130 Resp: 121576

Ion Ratio Lower Upper

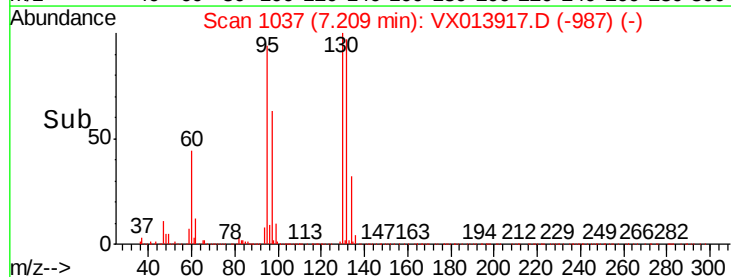
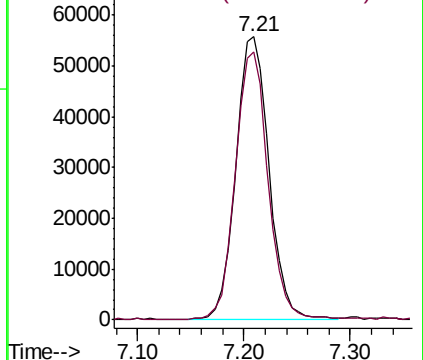
130 100

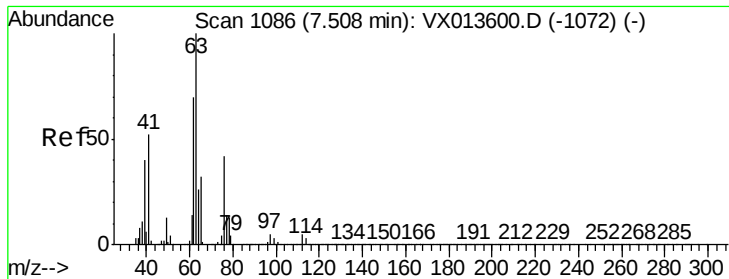
95 94.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

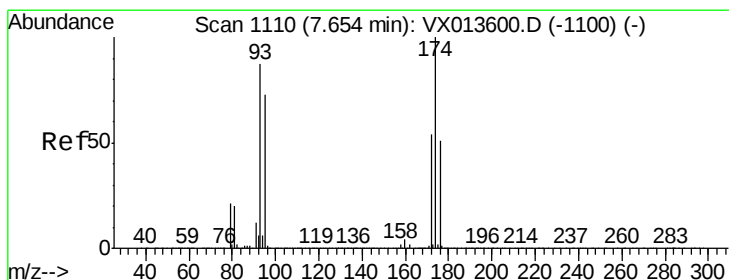
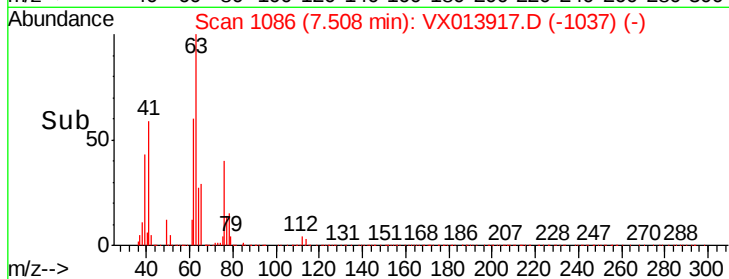
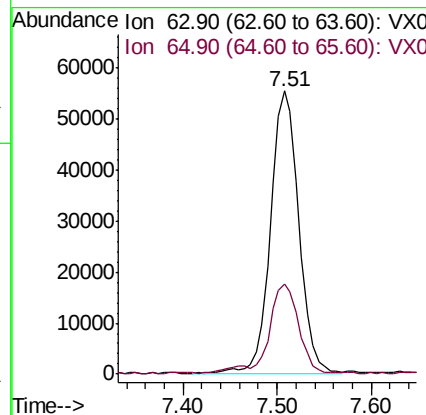
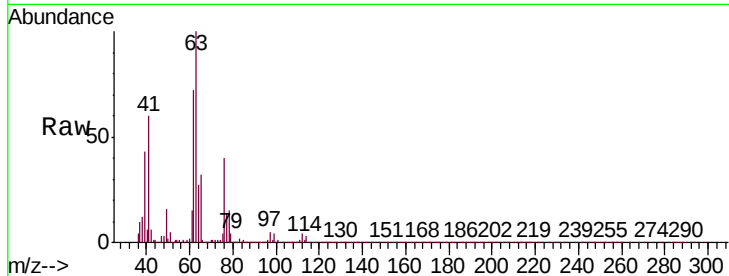




#45
 1,2-Dichloropropane
 Concen: 20.118 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

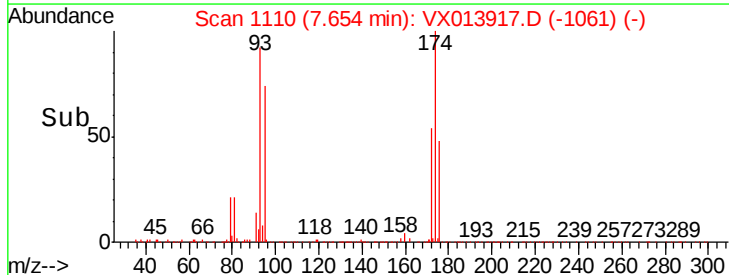
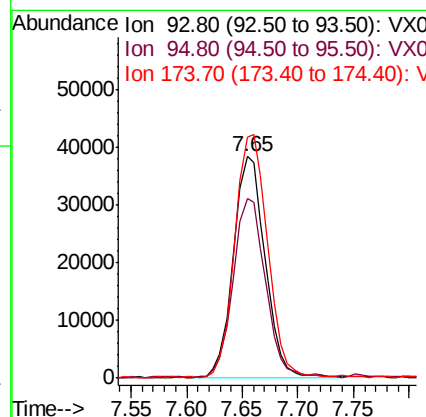
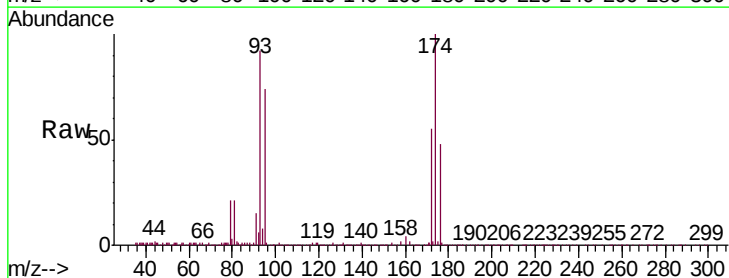
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tgt Ion: 63 Resp: 117633
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.5 38.3



#46
 Dibromomethane
 Concen: 19.205 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion: 93 Resp: 76268
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.2 99.2
 174 112.7 93.4 140.0





#47

Bromodichloromethane

Concen: 19.100 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

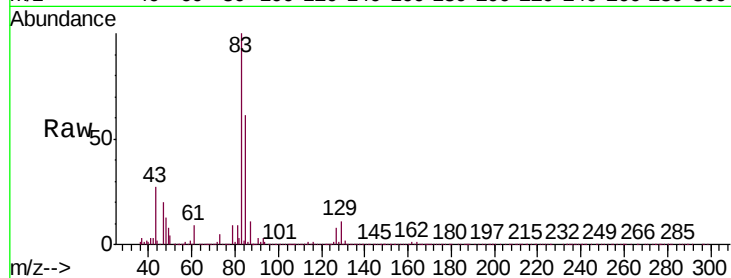
Tgt Ion: 83 Resp: 143399

Ion Ratio Lower Upper

83 100

85 60.4 52.1 78.1

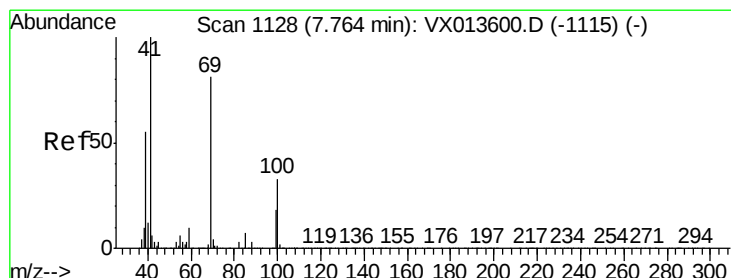
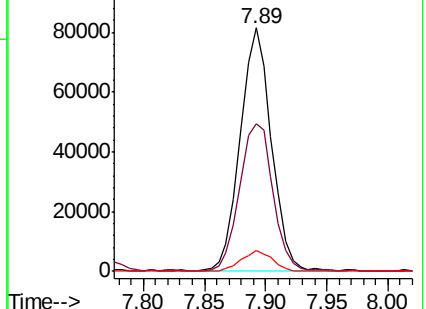
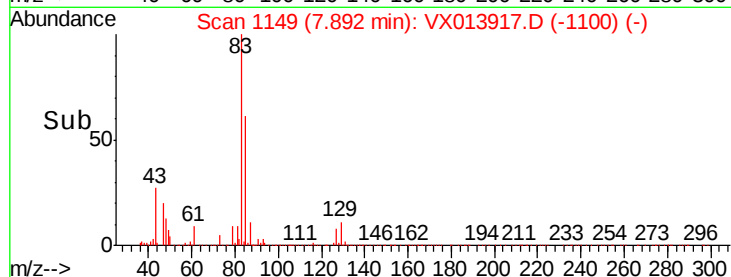
127 8.2 7.0 10.4



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: 18.994 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

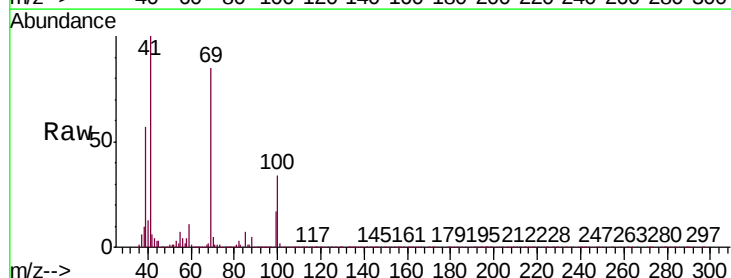
Tgt Ion: 41 Resp: 130789

Ion Ratio Lower Upper

41 100

69 81.9 64.7 97.1

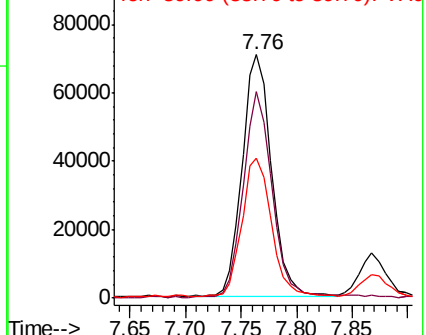
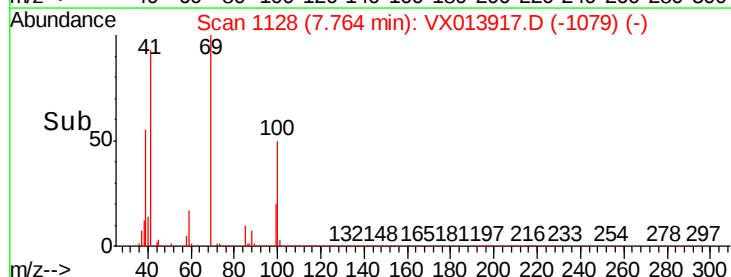
39 57.3 43.8 65.6

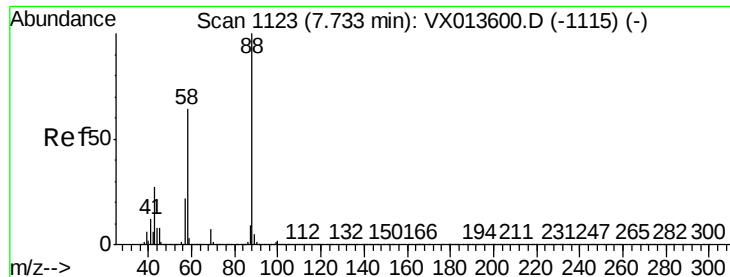


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 360.305 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

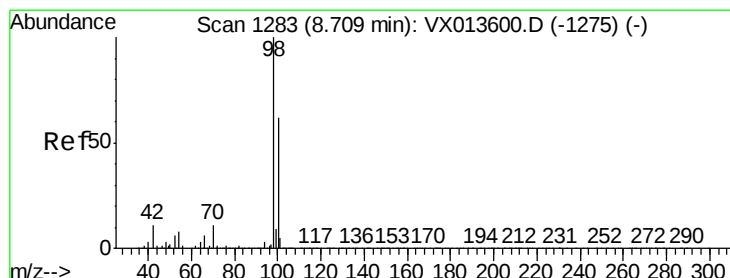
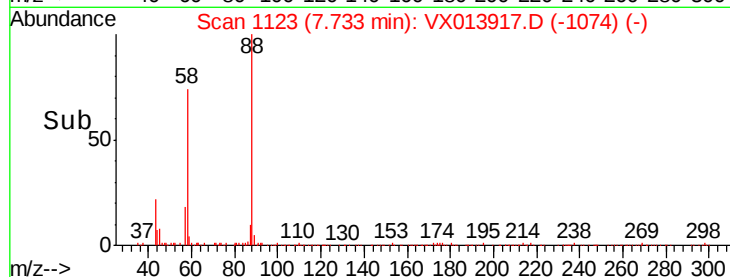
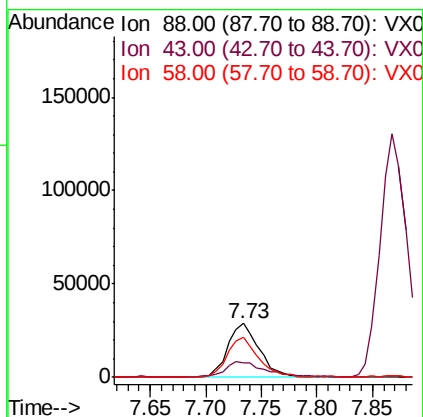
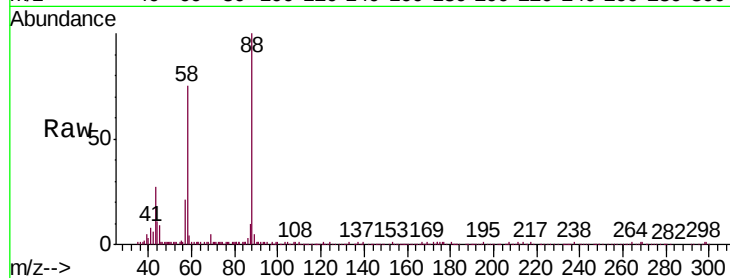
Tgt Ion: 88 Resp: 55535

Ion Ratio Lower Upper

88 100

43 37.0 25.8 38.6

58 72.4 54.6 82.0



#50

Toluene-d8

Concen: 45.380 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013917.D

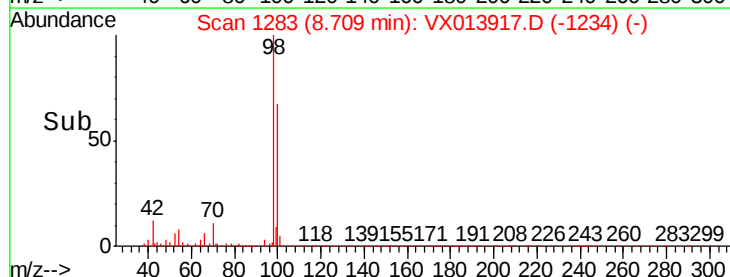
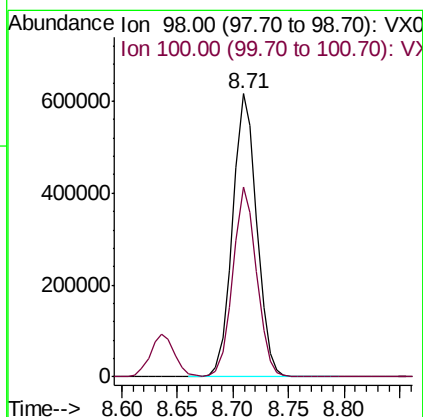
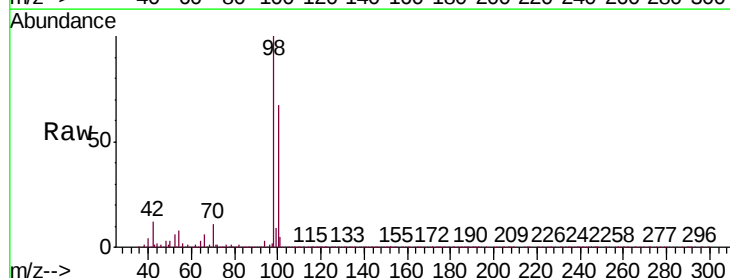
Acq: 10 Dec 2019 23:23

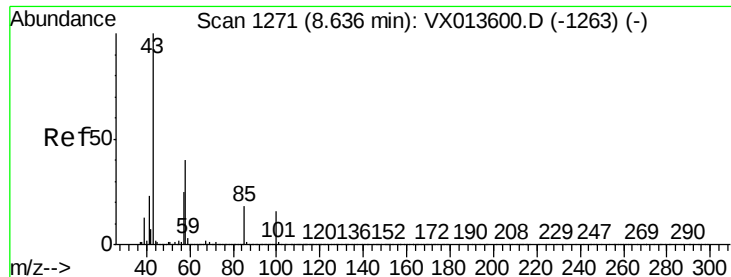
Tgt Ion: 98 Resp: 923970

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7

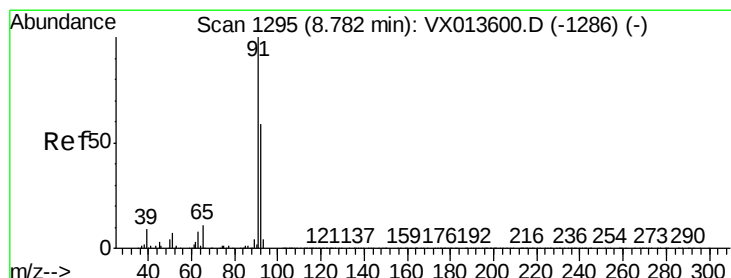
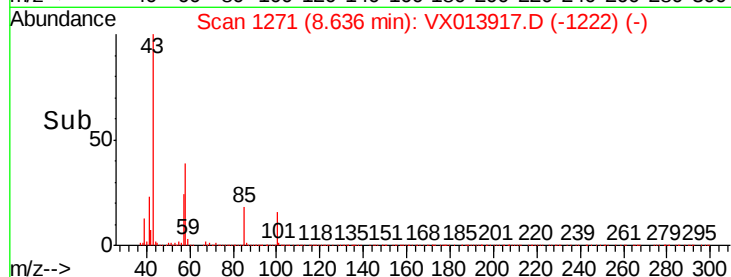
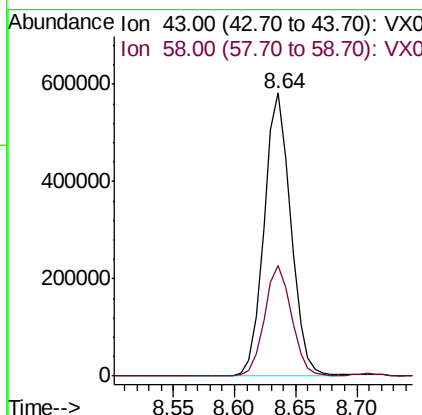
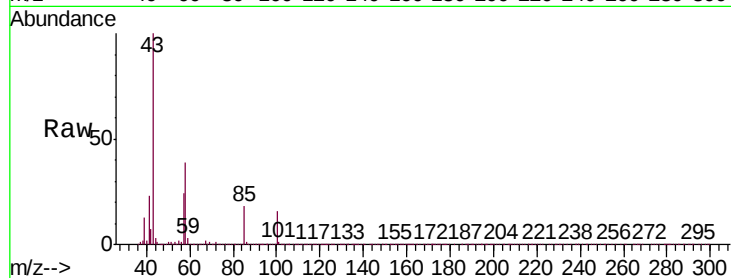




#51
4-Methyl-2-Pentanone
Concen: 99.426 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

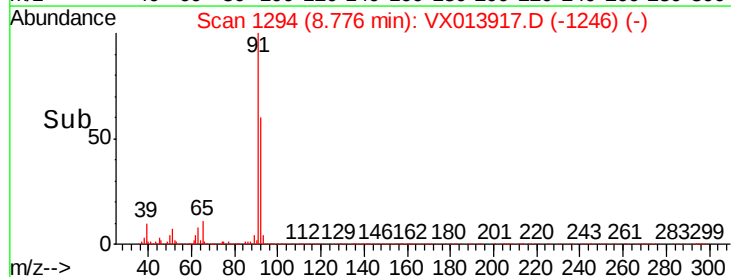
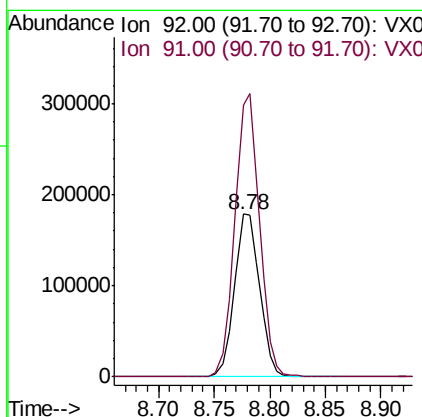
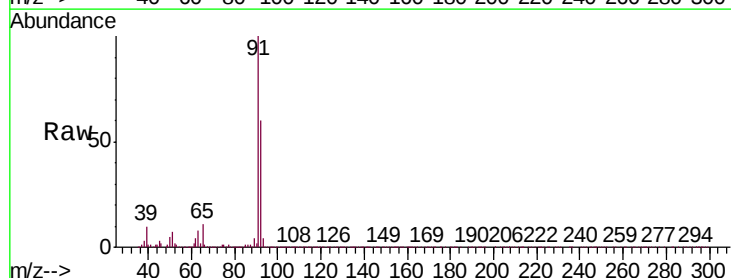
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

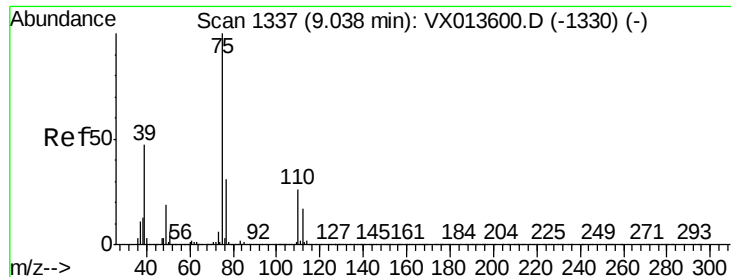
Tgt Ion: 43 Resp: 886349
Ion Ratio Lower Upper
43 100
58 39.4 32.1 48.1



#52
Toluene
Concen: 19.287 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 92 Resp: 280019
Ion Ratio Lower Upper
92 100
91 170.2 136.2 204.2

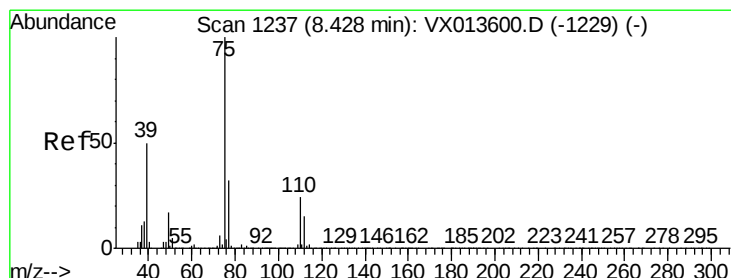
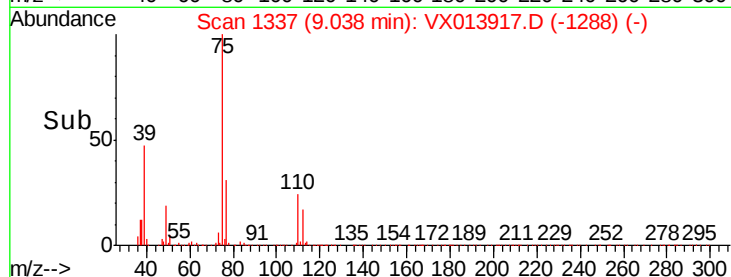
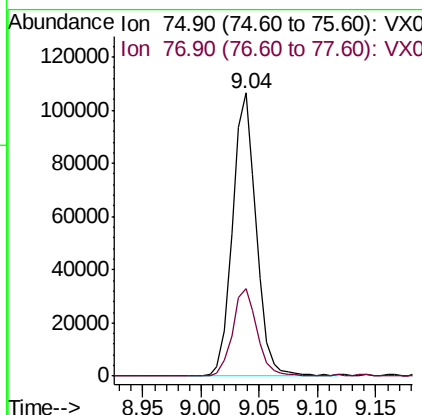
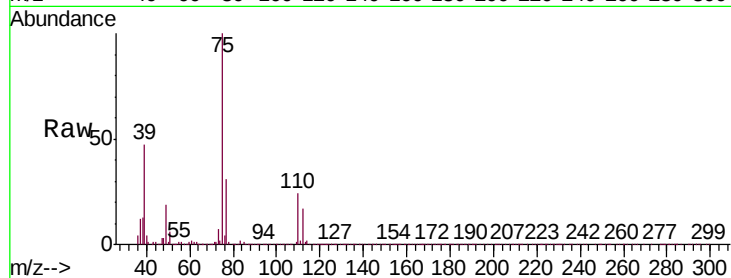




#53
t-1,3-Dichloropropene
Concen: 17.457 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

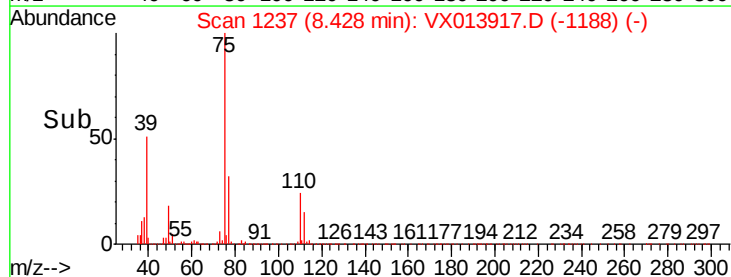
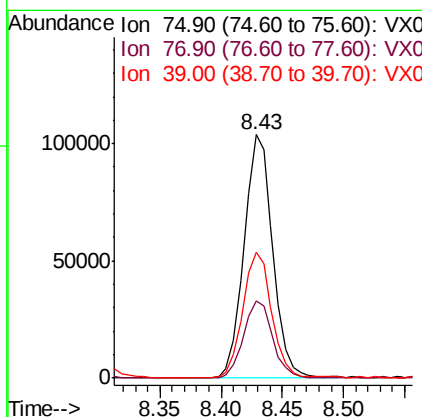
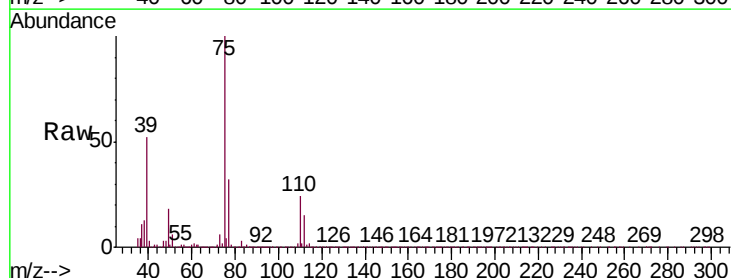
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

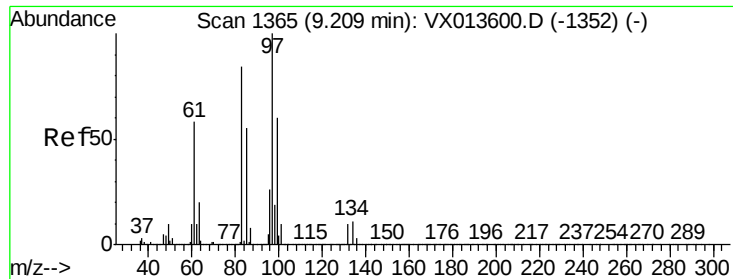
Tgt Ion: 75 Resp: 149178
Ion Ratio Lower Upper
75 100
77 30.6 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 18.018 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 75 Resp: 168215
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
39 51.4 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.770 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tgt Ion: 97 Resp: 115673

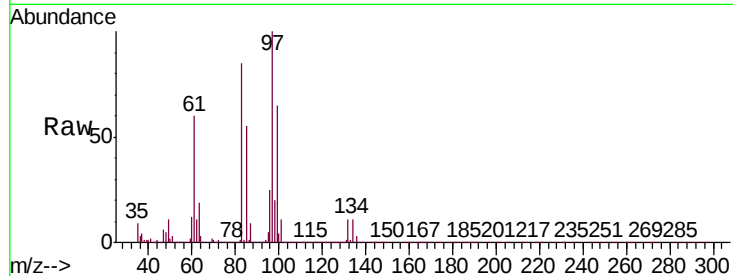
Ion Ratio Lower Upper

97 100

83 85.5 67.3 100.9

85 55.5 43.6 65.4

99 64.7 48.2 72.4

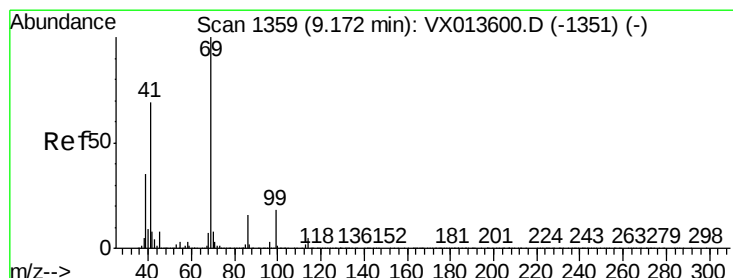
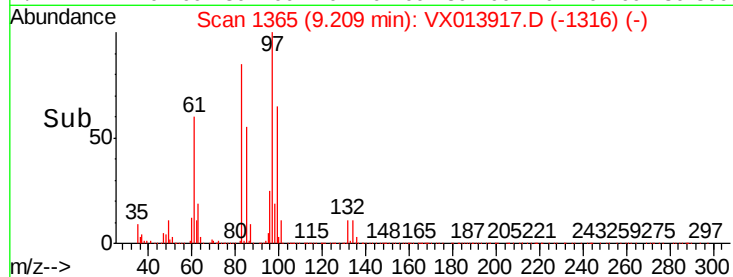
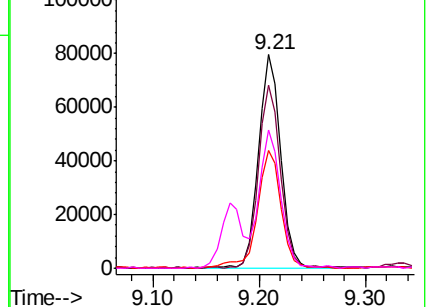


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.971 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

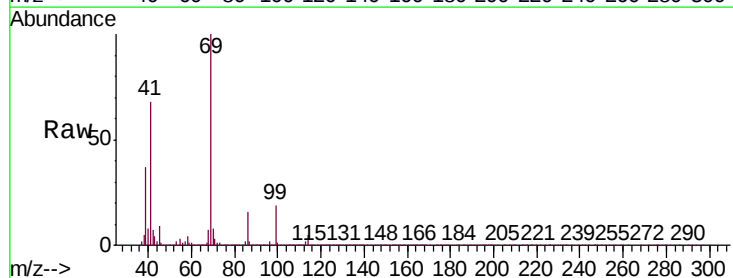
Tgt Ion: 69 Resp: 178448

Ion Ratio Lower Upper

69 100

41 69.1 55.0 82.4

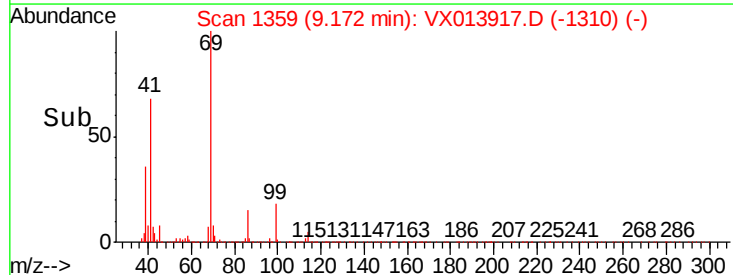
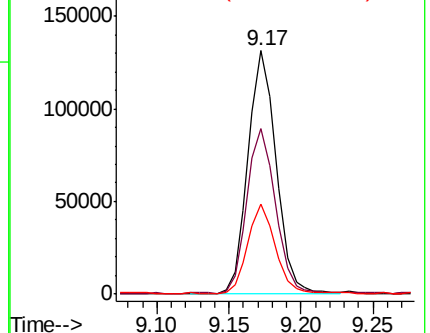
39 35.2 28.7 43.1

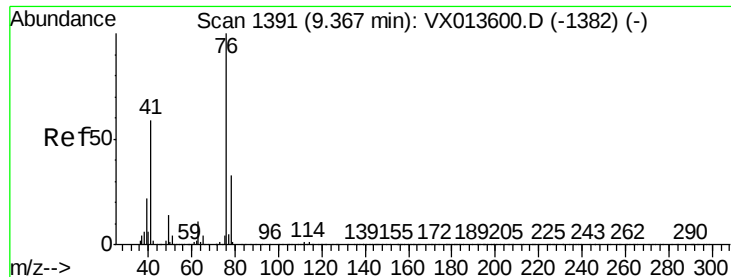


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.790 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

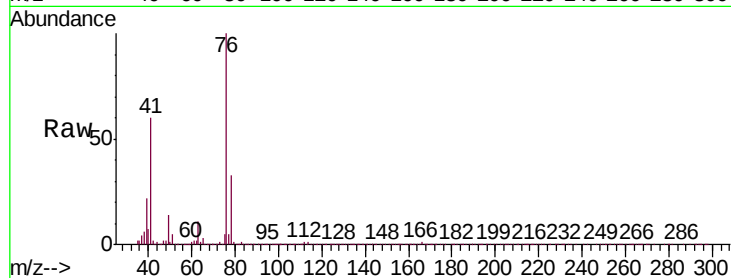
VX1210WBS02

Tgt Ion: 76 Resp: 199582

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

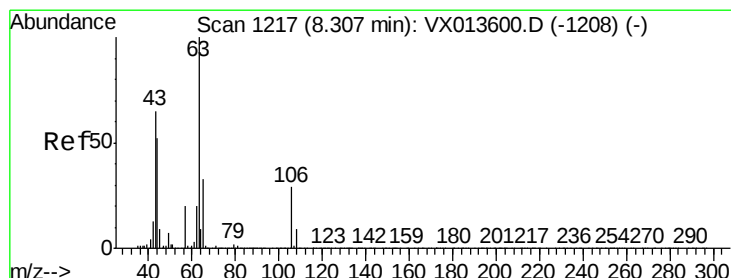
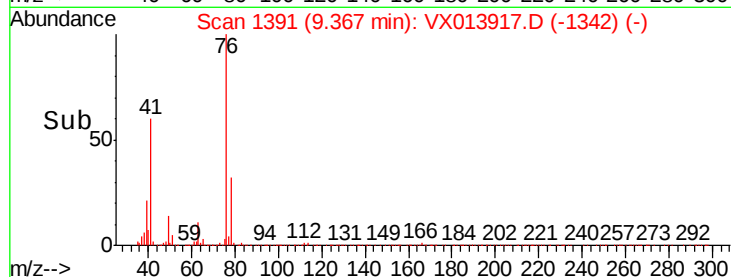
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.004 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013917.D

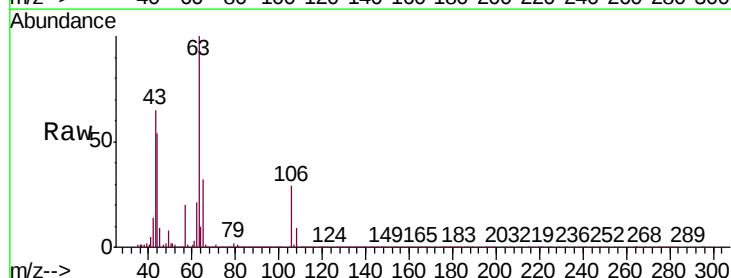
Acq: 10 Dec 2019 23:23

Tgt Ion: 63 Resp: 335631

Ion Ratio Lower Upper

63 100

106 28.6 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

250000

200000

150000

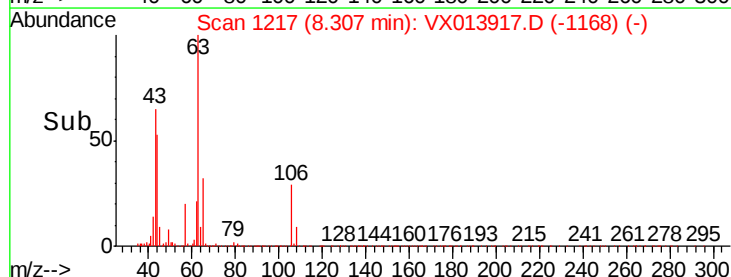
100000

50000

0

8.20 8.30 8.40

Time-->





#59

2-Hexanone

Concen: 96.787 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

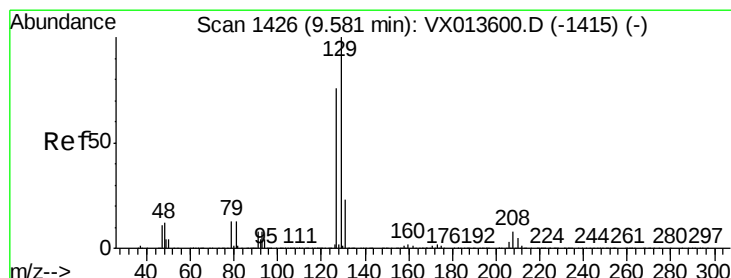
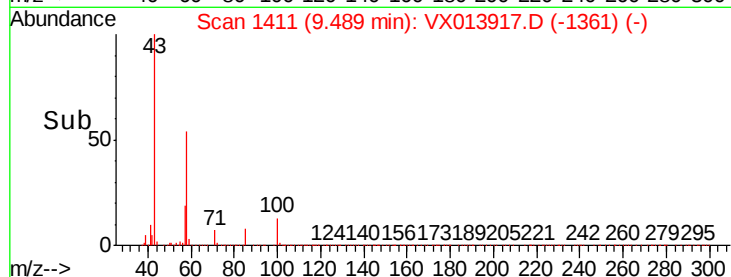
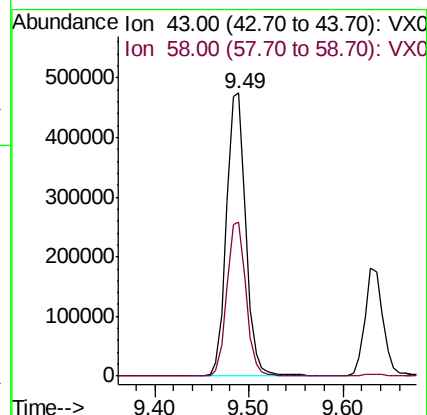
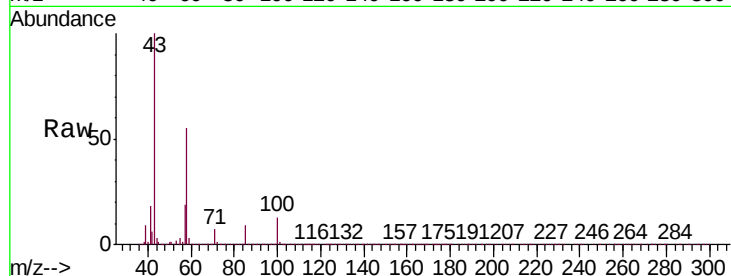
VX1210WBS02

Tgt Ion: 43 Resp: 672932

Ion Ratio Lower Upper

43 100

58 54.1 28.1 84.4



#60

Dibromochloromethane

Concen: 19.169 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013917.D

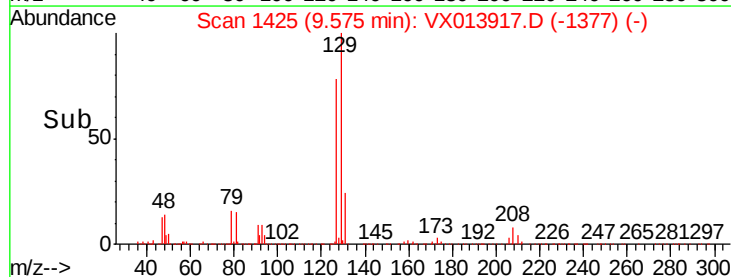
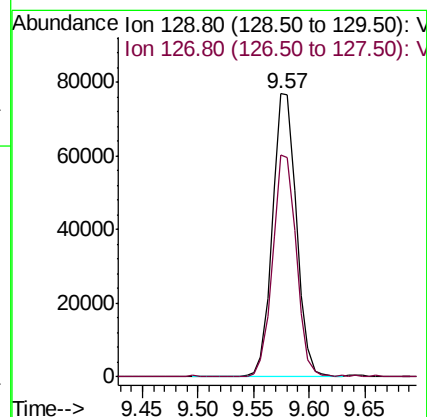
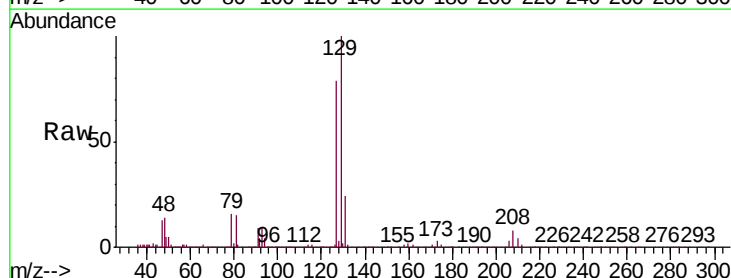
Acq: 10 Dec 2019 23:23

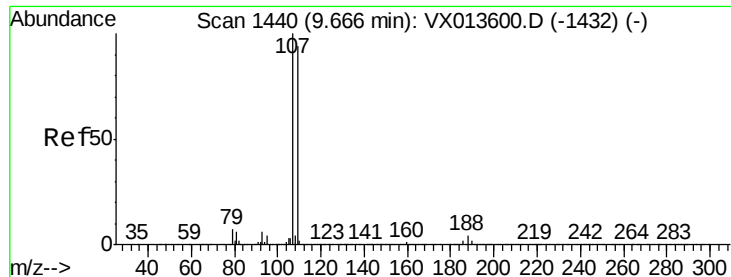
Tgt Ion: 129 Resp: 116394

Ion Ratio Lower Upper

129 100

127 77.6 38.5 115.5

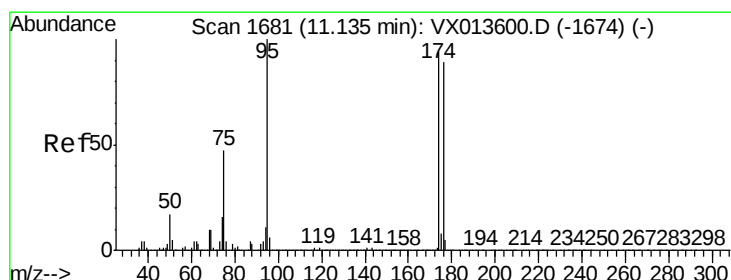
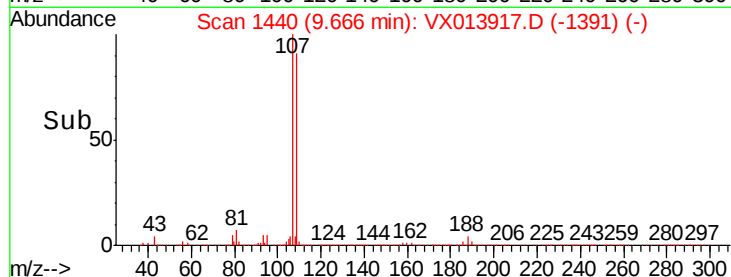
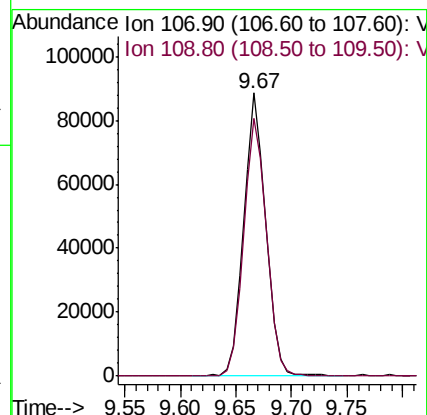
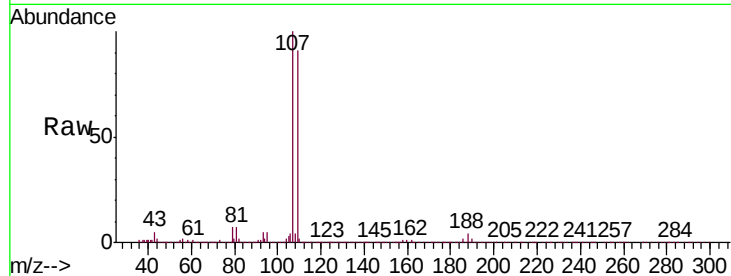




#61
 1,2-Dibromoethane
 Concen: 19.288 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

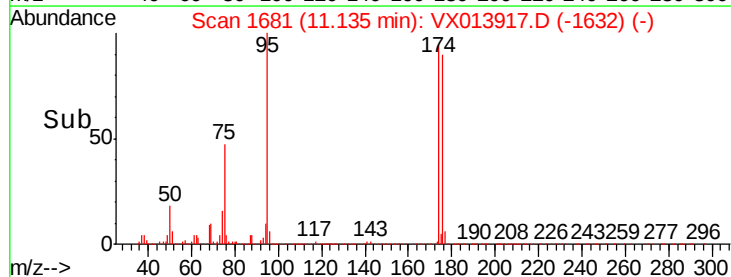
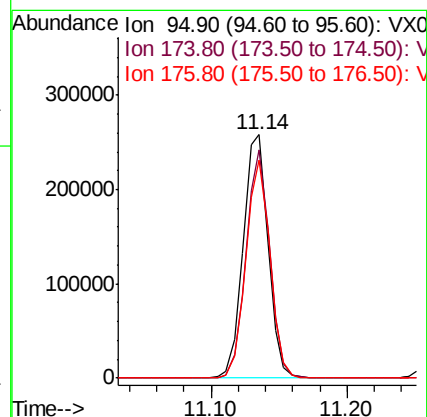
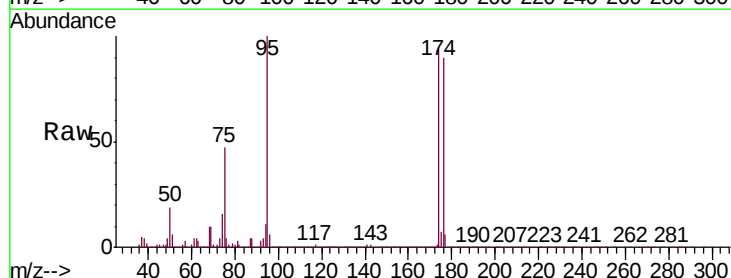
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

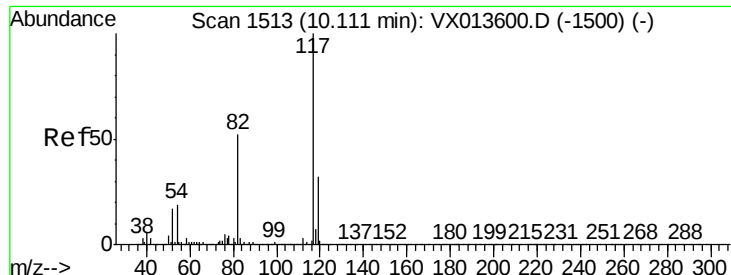
Tgt Ion: 107 Resp: 120528
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 44.814 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion: 95 Resp: 329033
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 180.0
 176 86.5 0.0 173.6

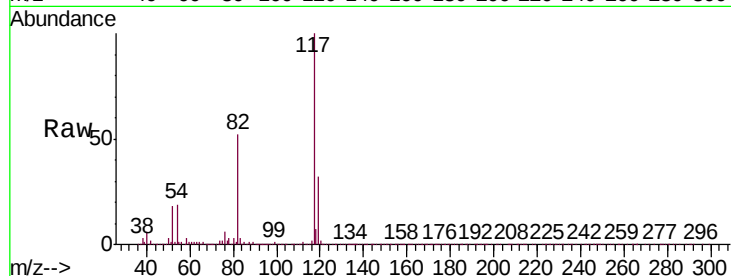




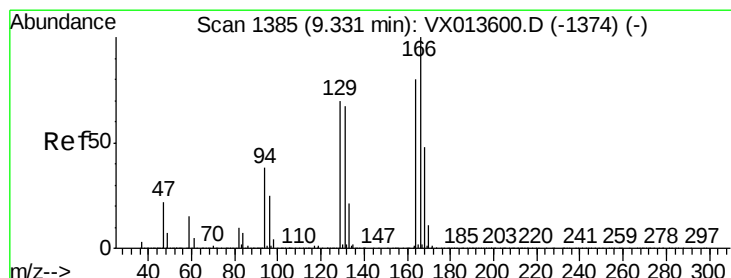
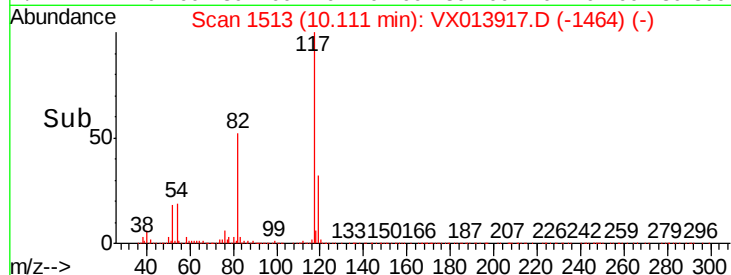
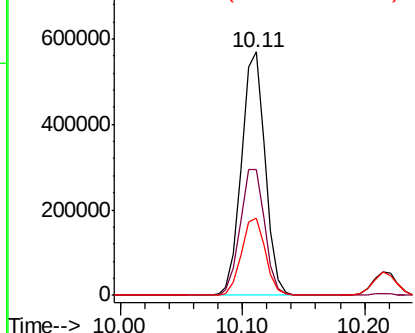
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.8
119	31.8	25.8	38.8



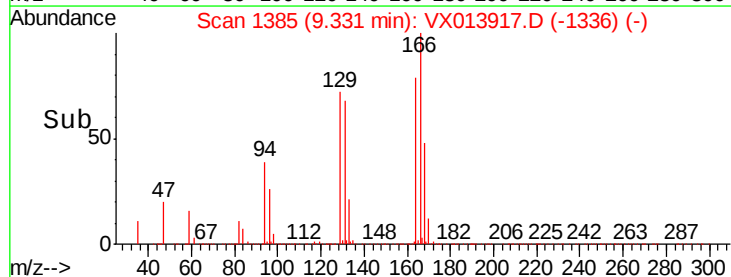
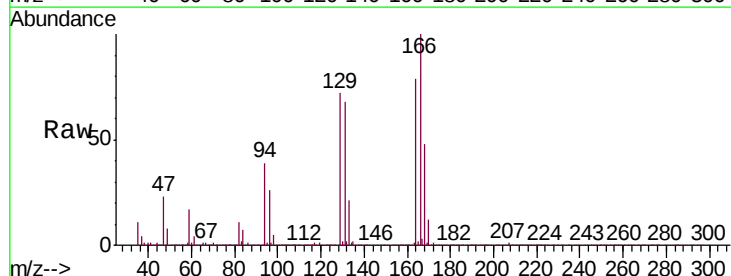
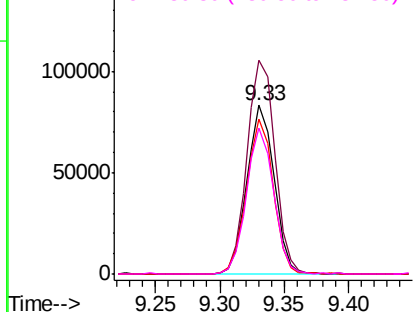
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

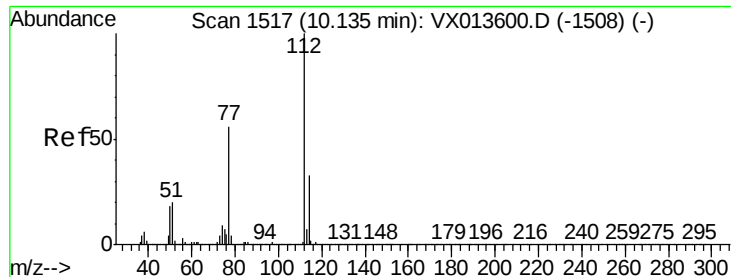


#64
Tetrachloroethene
Concen: 21.387 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.7	149.5
129	91.1	70.1	105.1
131	86.0	66.9	100.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.014 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

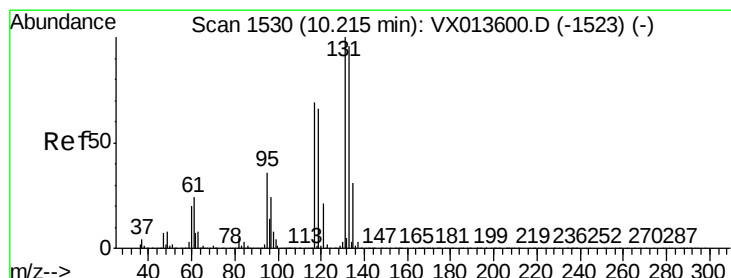
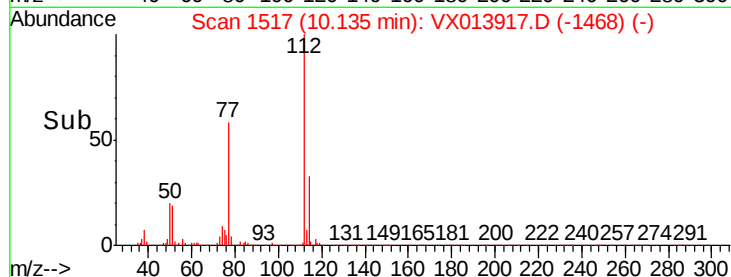
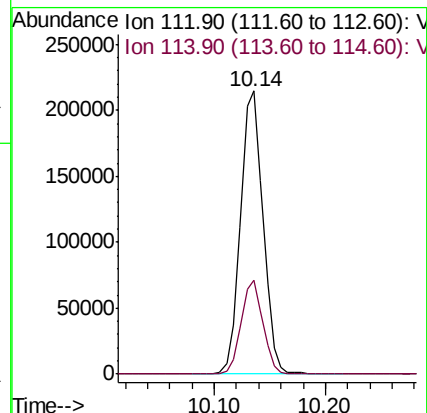
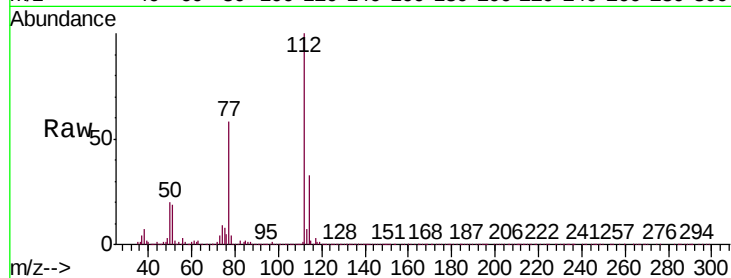
VX1210WBS02

Tgt Ion:112 Resp: 300086

Ion Ratio Lower Upper

112 100

114 33.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.418 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

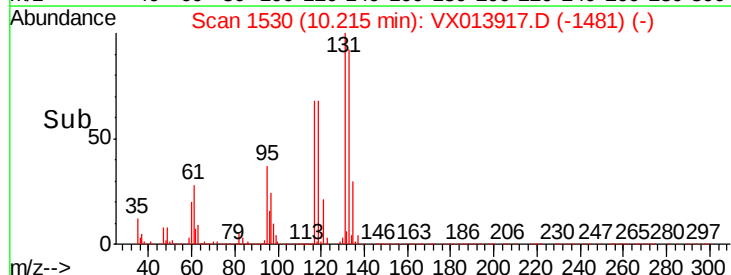
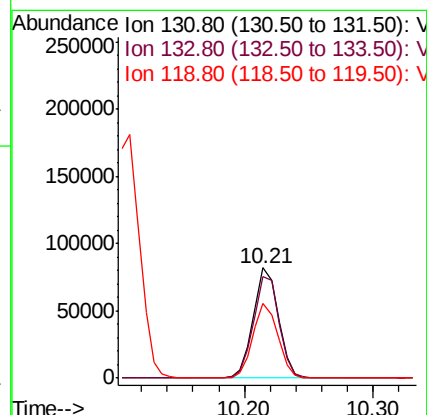
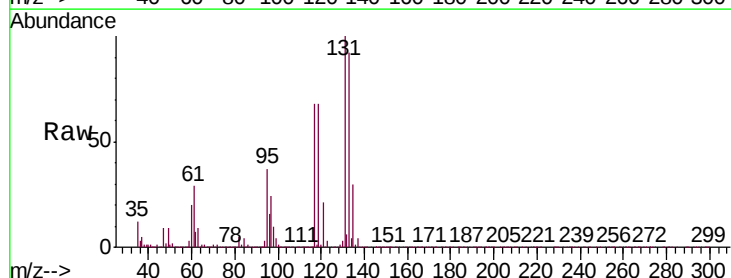
Tgt Ion:131 Resp: 110051

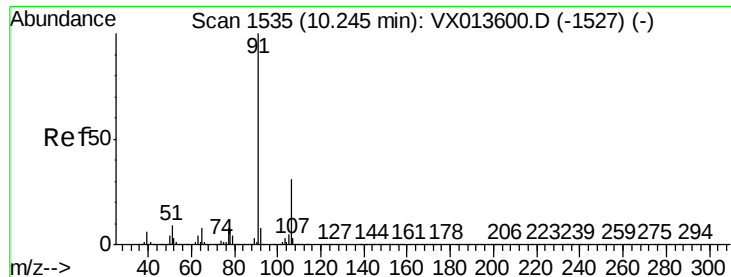
Ion Ratio Lower Upper

131 100

133 93.2 47.7 143.1

119 67.0 32.9 98.6

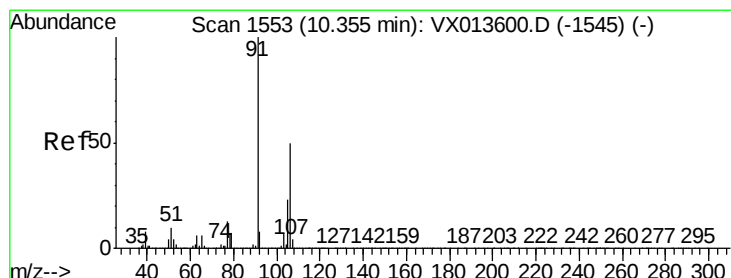
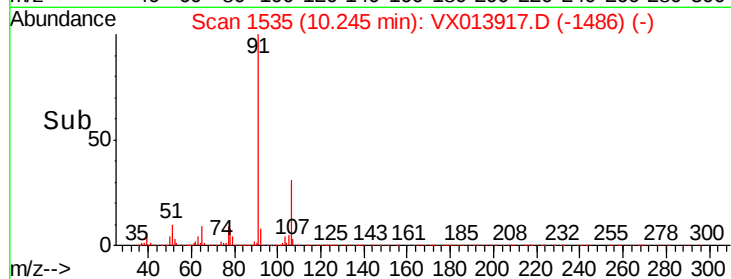
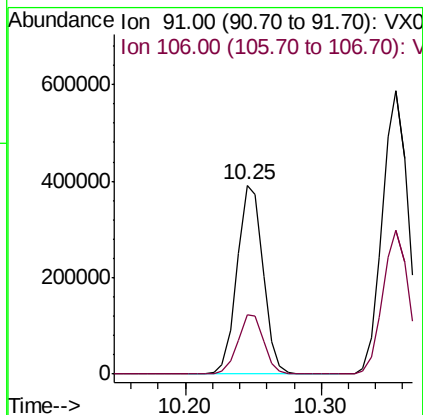
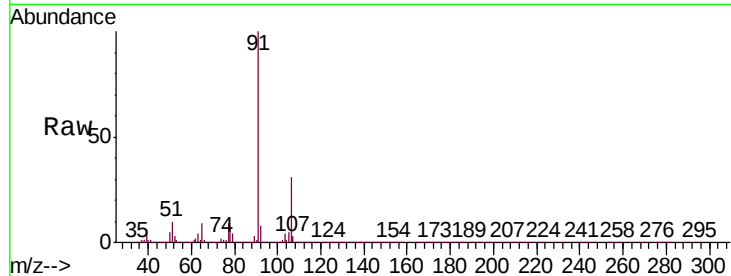




#67
Ethyl Benzene
Concen: 19.161 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

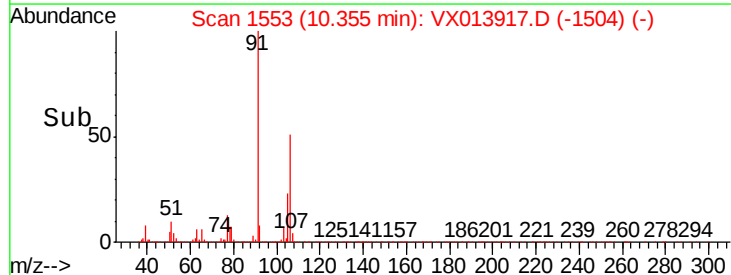
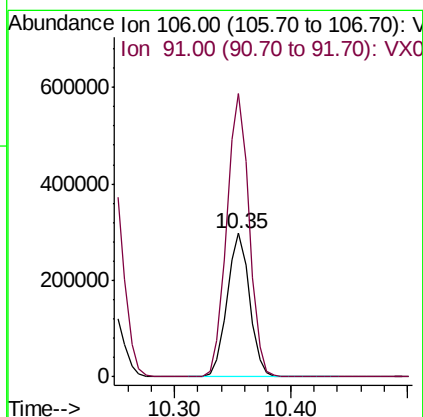
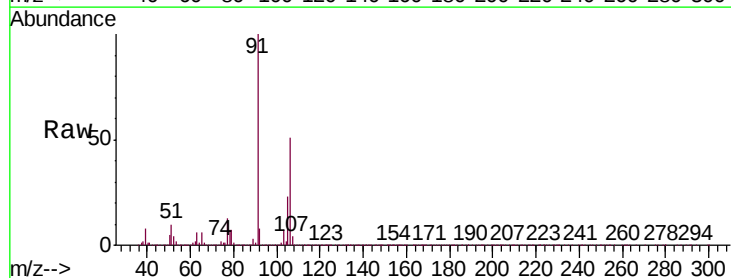
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

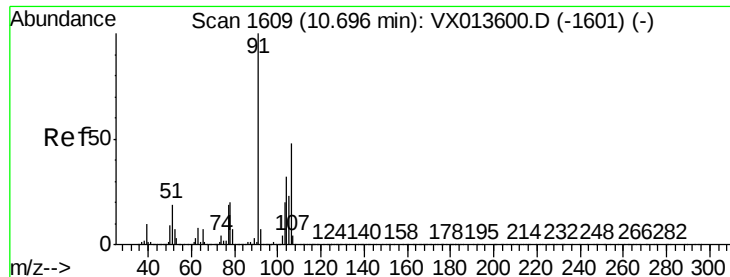
Tgt Ion: 91 Resp: 519658
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 38.318 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 106 Resp: 397868
Ion Ratio Lower Upper
106 100
91 197.2 159.0 238.4

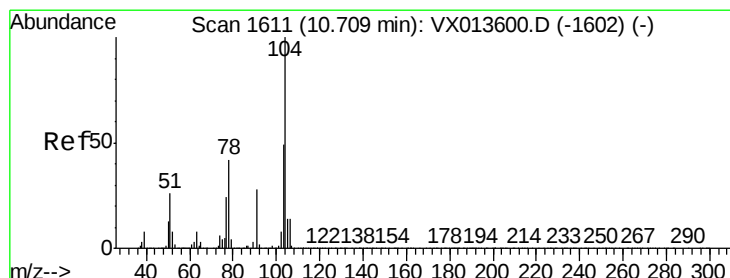
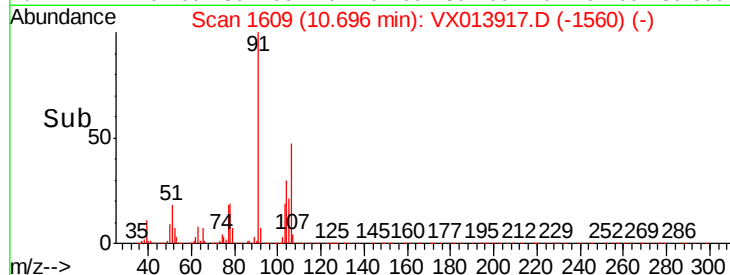
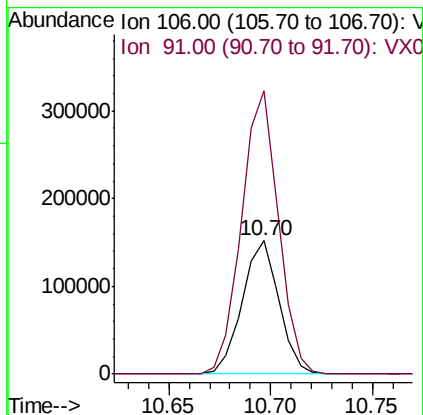
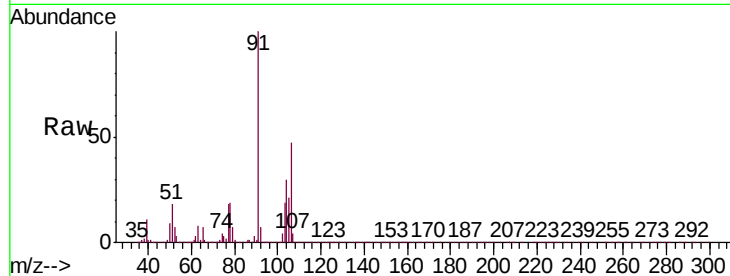




#69
o-Xylene
Concen: 18.665 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

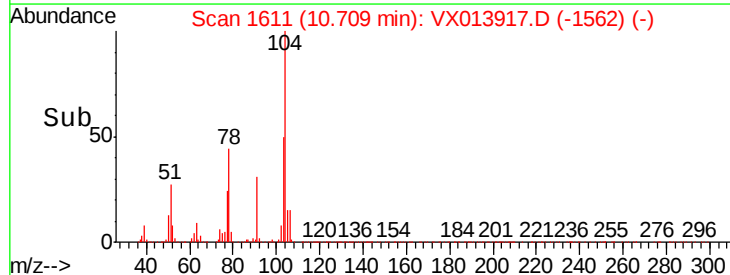
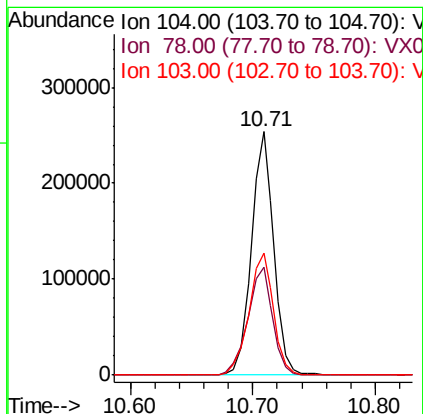
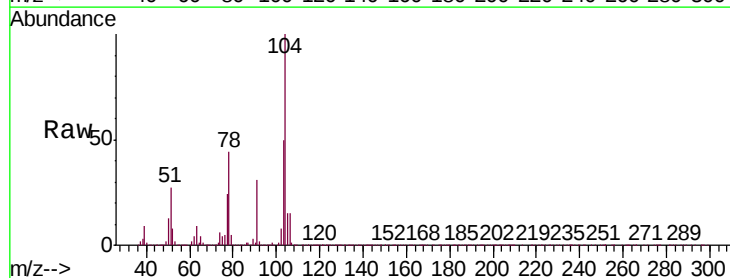
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

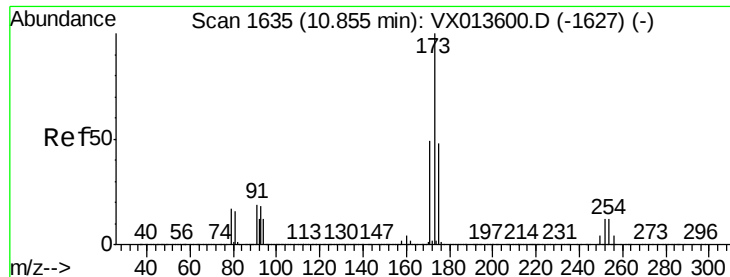
Tgt Ion:106 Resp: 189013
Ion Ratio Lower Upper
106 100
91 214.8 104.1 312.2



#70
Styrene
Concen: 18.909 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion:104 Resp: 322114
Ion Ratio Lower Upper
104 100
78 49.7 38.5 57.7
103 55.1 43.7 65.5

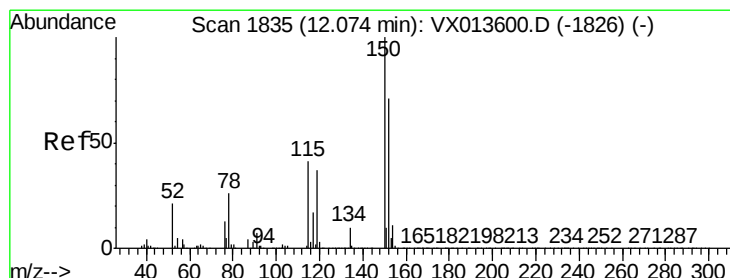
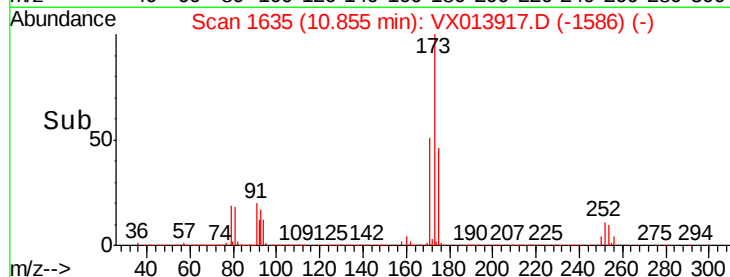
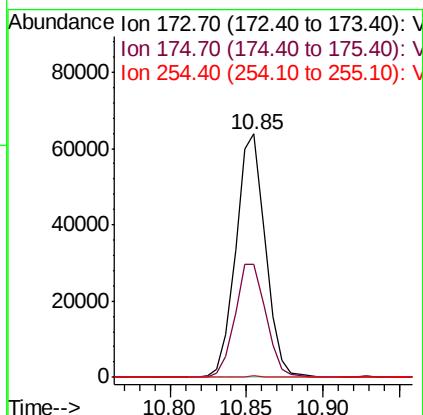
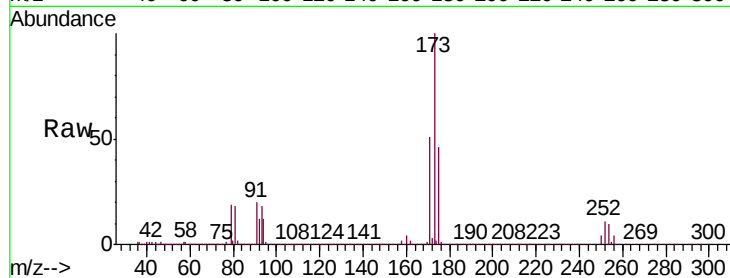




#71
Bromoform
Concen: 18.014 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

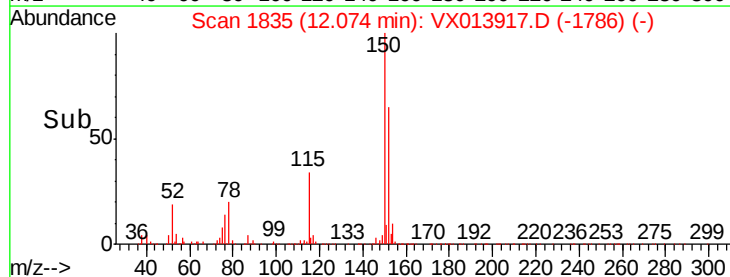
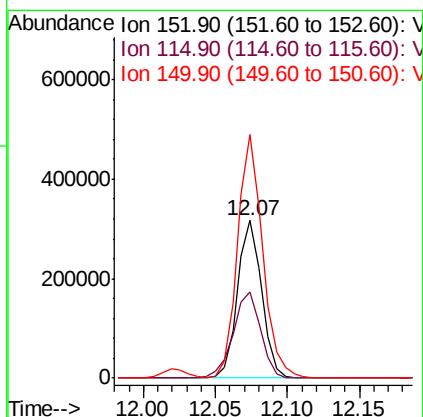
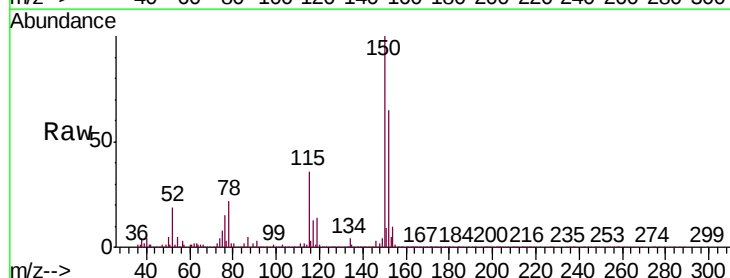
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

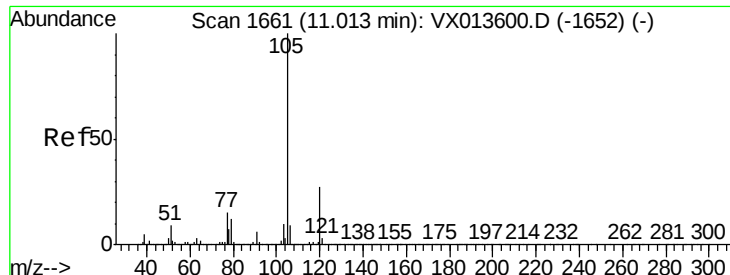
Tgt Ion:173 Resp: 84473
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.4 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion:152 Resp: 369863
Ion Ratio Lower Upper
152 100
115 62.7 38.4 115.1
150 160.7 0.0 346.8





#73

Isopropylbenzene

Concen: 19.606 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

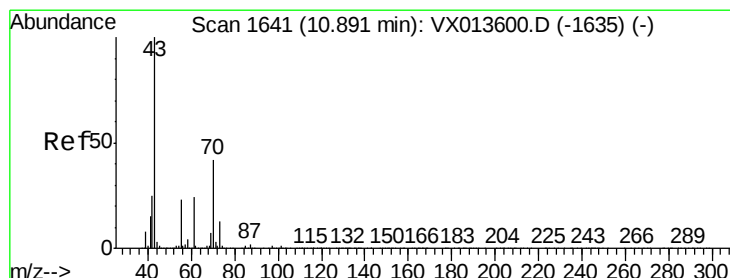
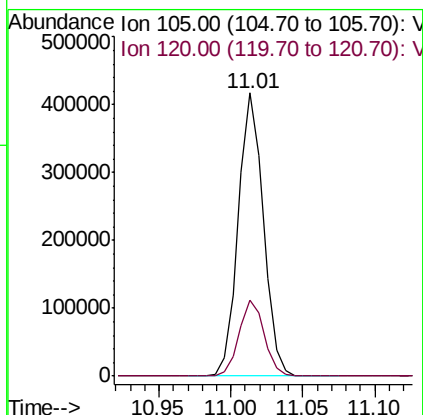
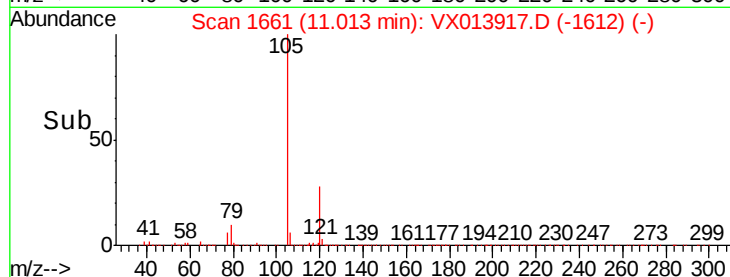
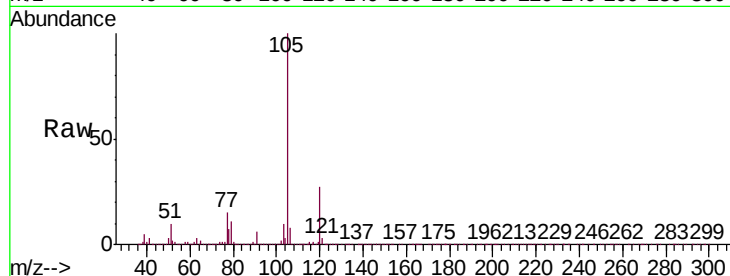
VX1210WBS02

Tgt Ion: 105 Resp: 508659

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.203 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion: 43 Resp: 228223

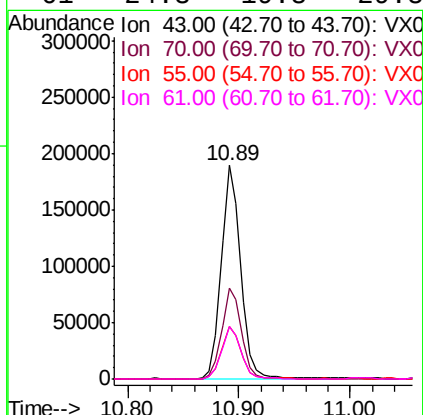
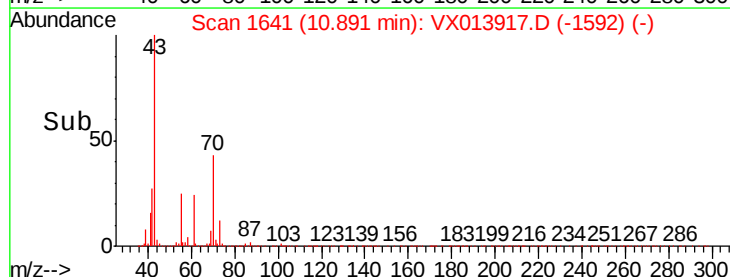
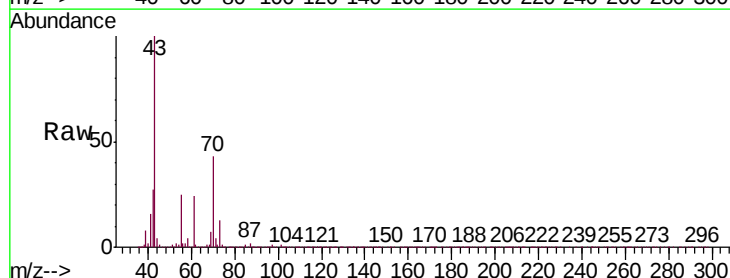
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 24.8 18.5 27.7

61 24.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.194 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

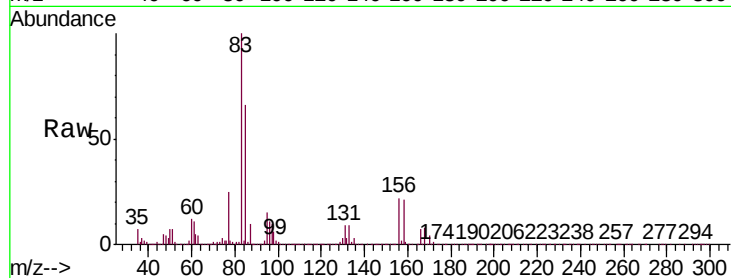
Tgt Ion: 83 Resp: 181695

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

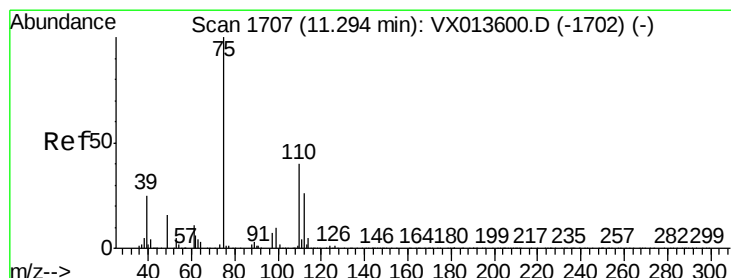
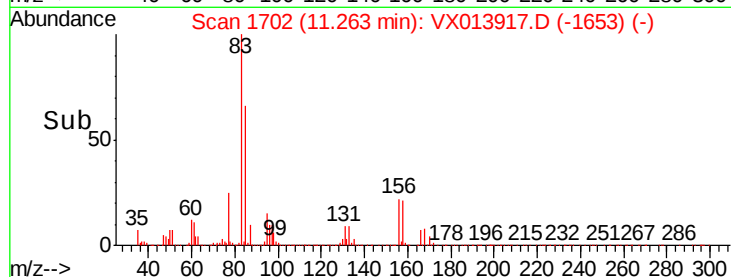
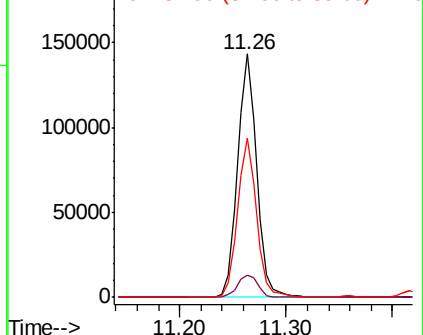
85 64.3 31.8 95.3



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: 23.761 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013917.D

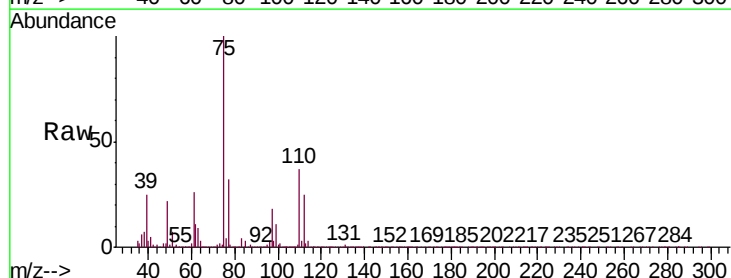
Acq: 10 Dec 2019 23:23

Tgt Ion: 75 Resp: 197668

Ion Ratio Lower Upper

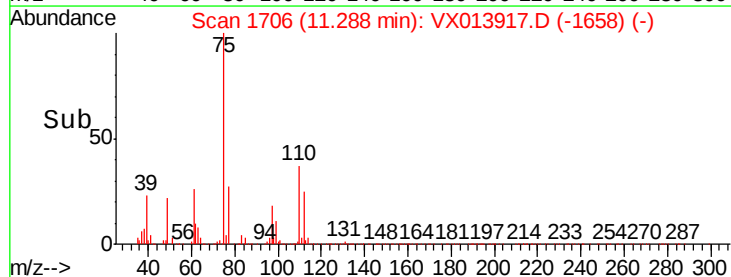
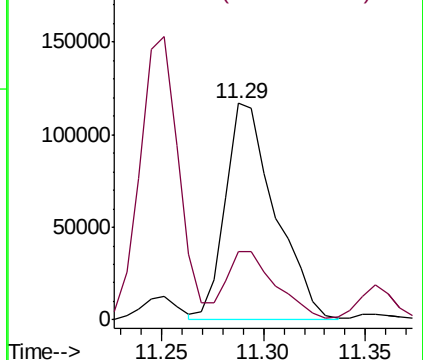
75 100

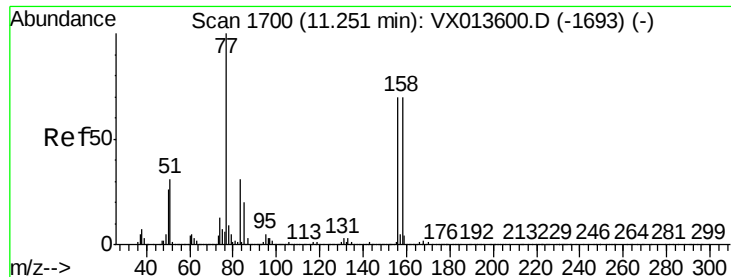
77 30.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.245 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

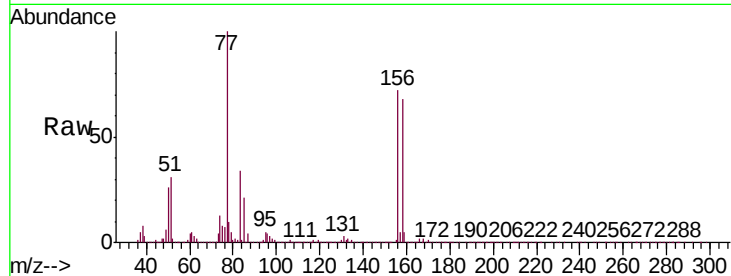
Tgt Ion: 156 Resp: 134885

Ion Ratio Lower Upper

156 100

77 149.8 74.4 223.1

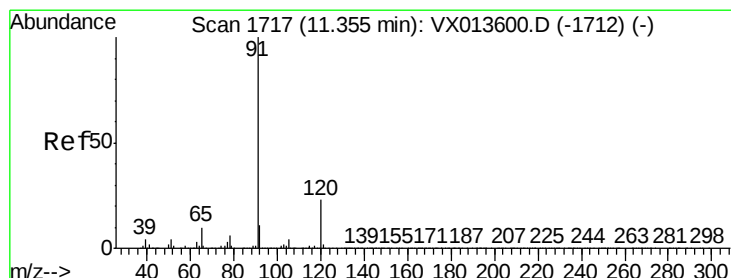
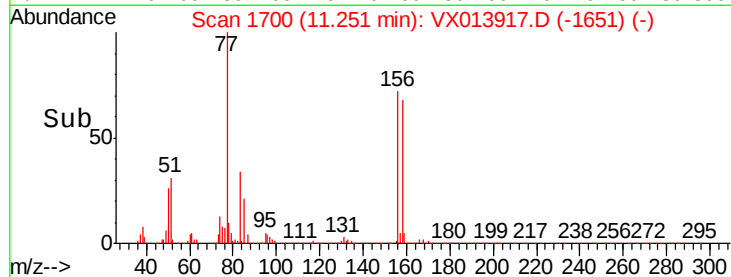
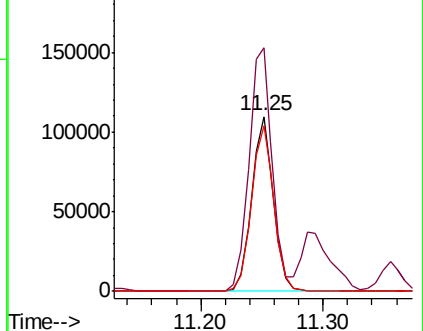
158 97.2 48.9 146.6



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: 19.440 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013917.D

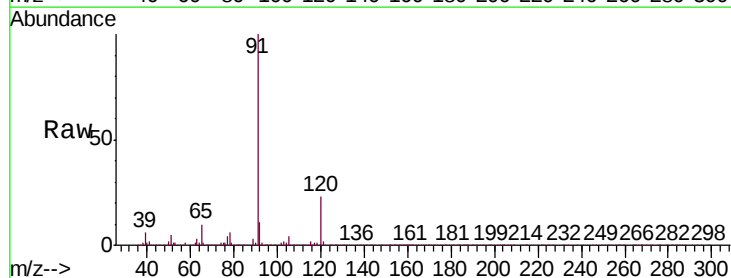
Acq: 10 Dec 2019 23:23

Tgt Ion: 91 Resp: 563032

Ion Ratio Lower Upper

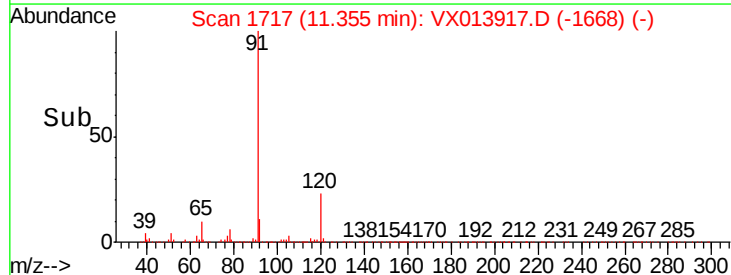
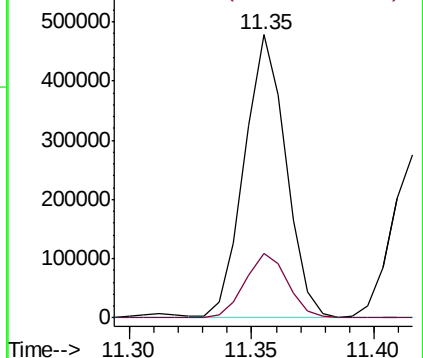
91 100

120 23.7 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: 19.792 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampled :

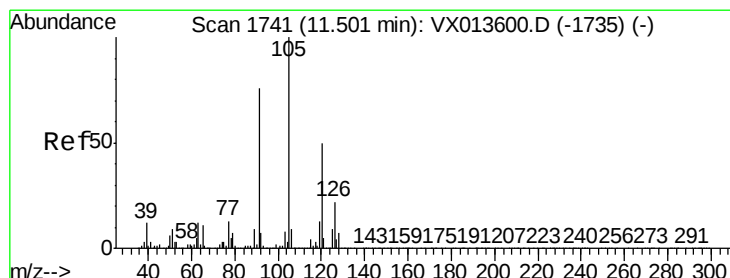
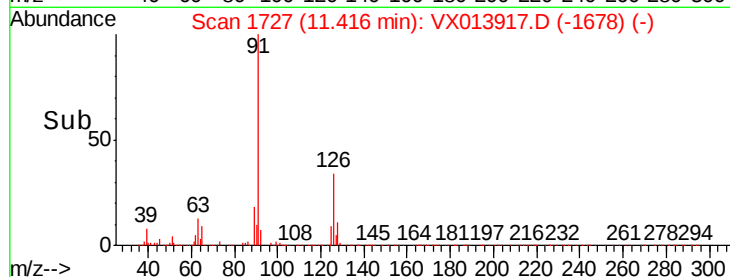
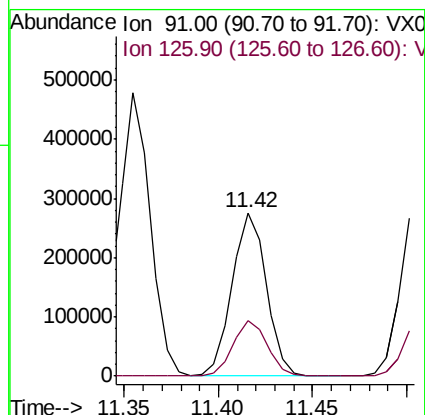
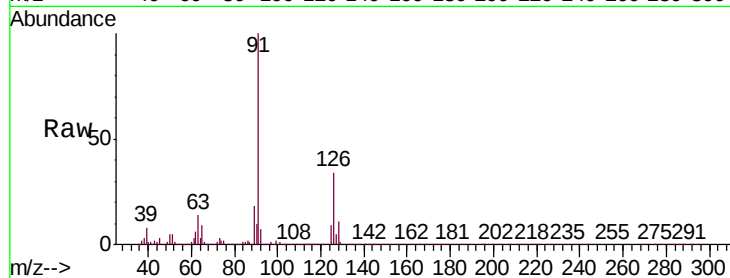
VX1210WBS02

Tgt Ion: 91 Resp: 343853

Ion Ratio Lower Upper

91 100

126 34.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.547 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013917.D

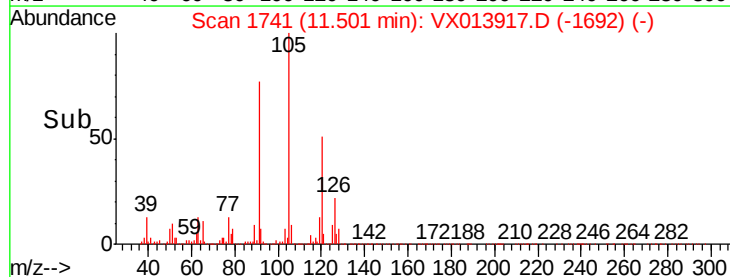
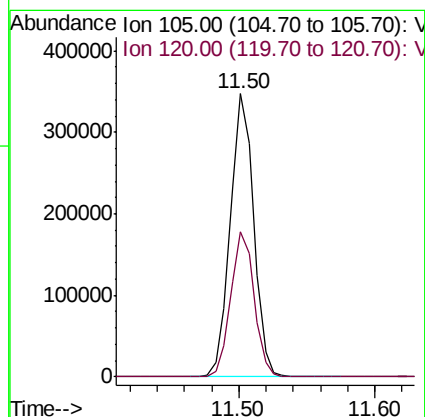
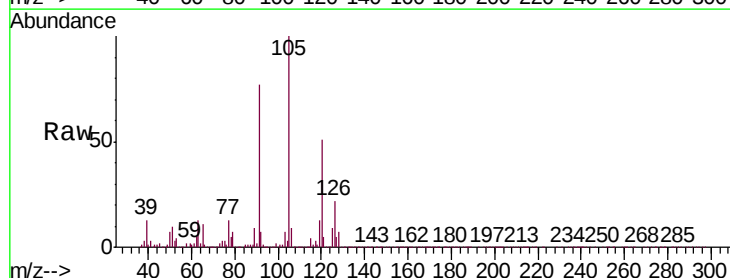
Acq: 10 Dec 2019 23:23

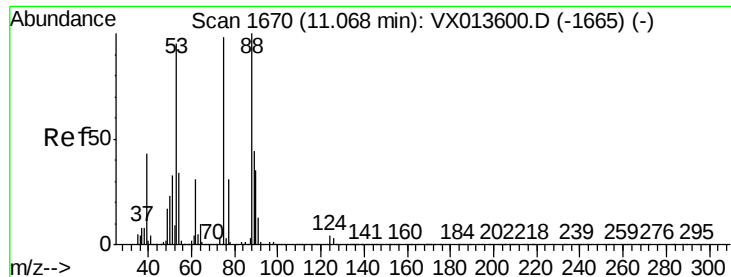
Tgt Ion: 105 Resp: 415646

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.009 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

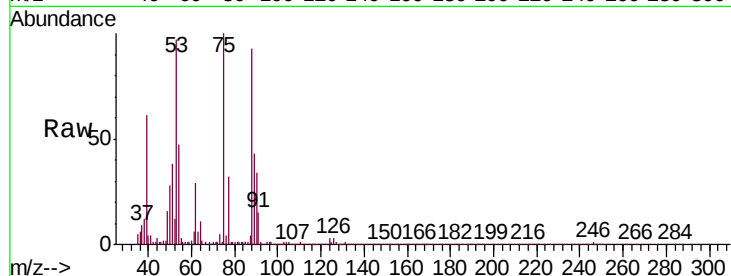
Tgt Ion: 75 Resp: 48680

Ion Ratio Lower Upper

75 100

53 104.6 78.2 117.2

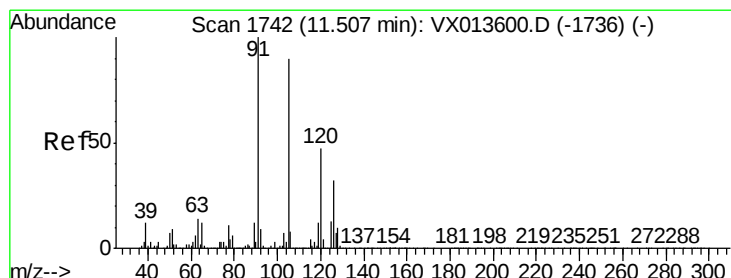
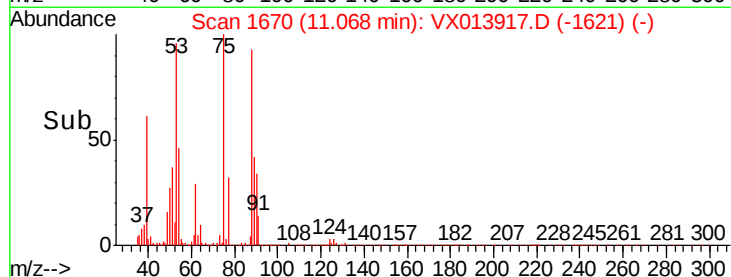
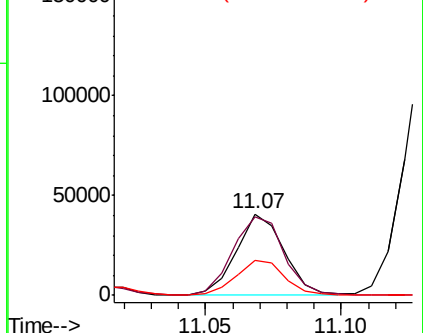
89 45.7 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.264 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013917.D

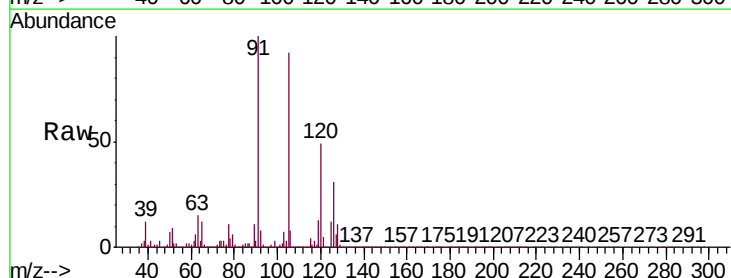
Acq: 10 Dec 2019 23:23

Tgt Ion: 91 Resp: 387631

Ion Ratio Lower Upper

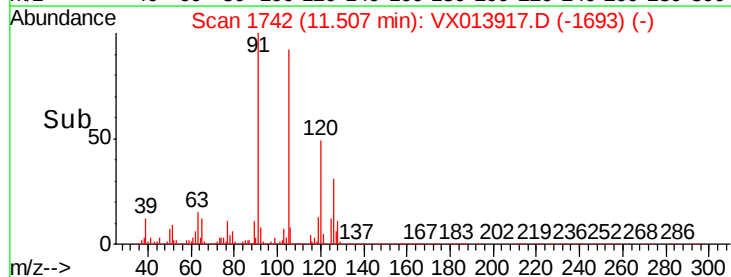
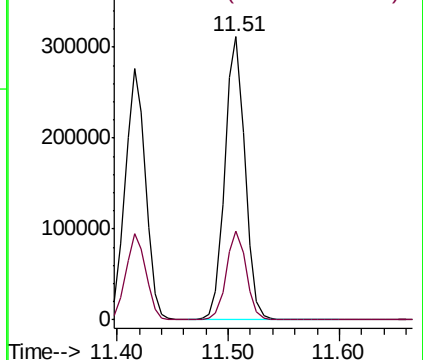
91 100

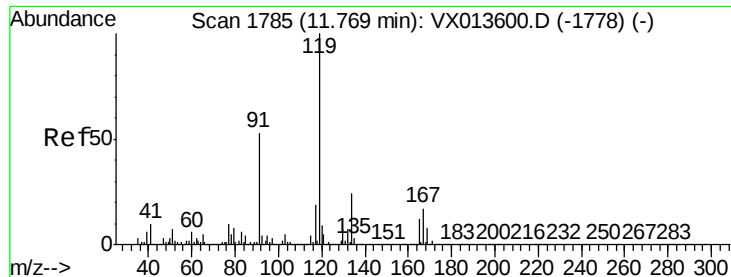
126 30.9 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

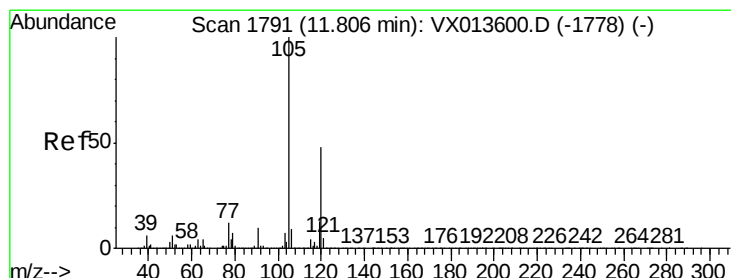
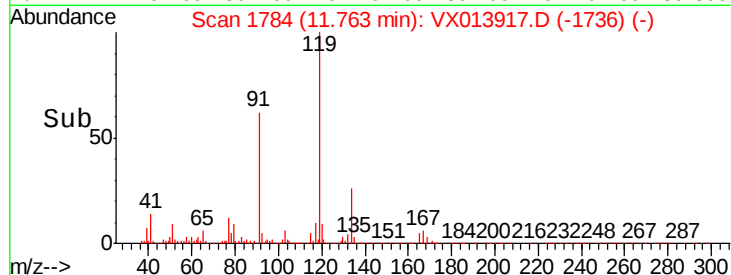
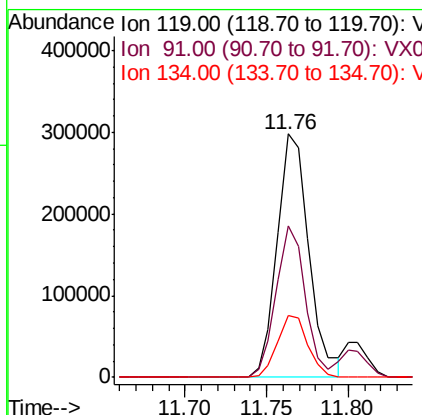
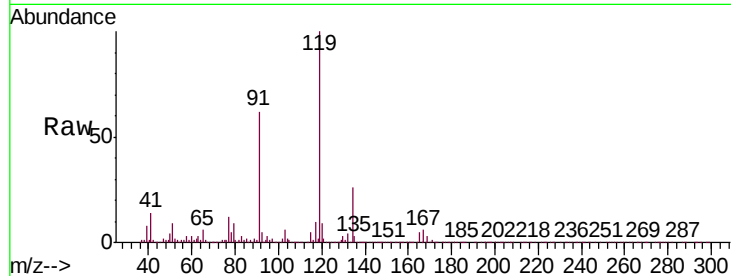




#83
 tert-Butylbenzene
 Concen: 18.811 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

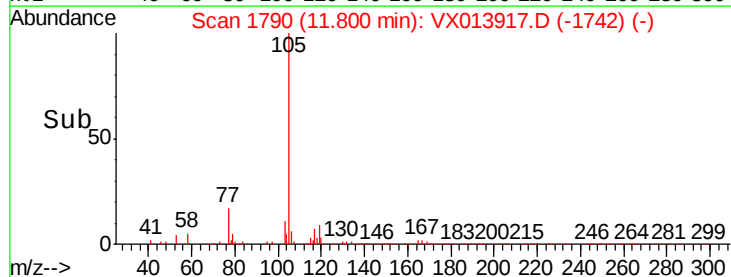
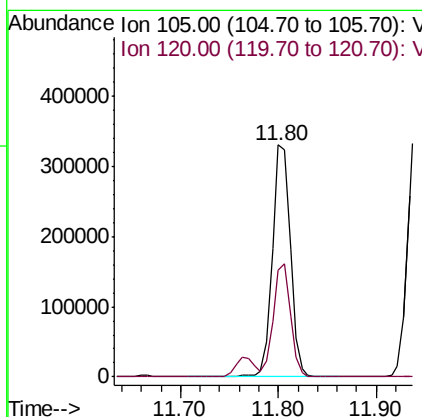
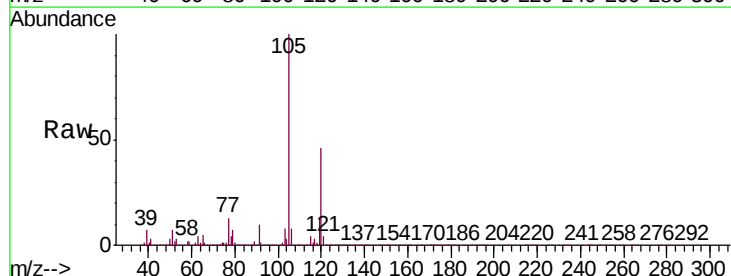
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

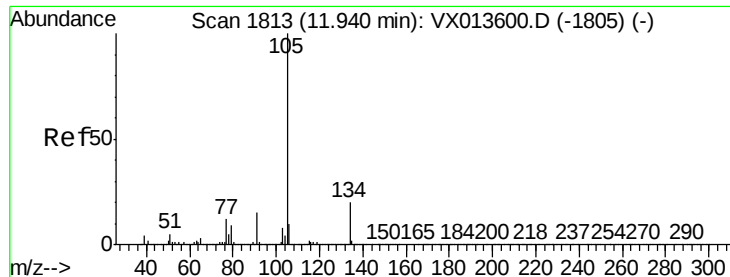
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	27.2	81.6
134	24.4	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.590 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.633 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

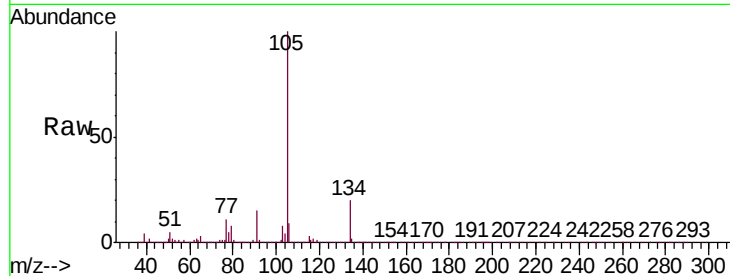
VX1210WBS02

Tgt Ion:105 Resp: 484615

Ion Ratio Lower Upper

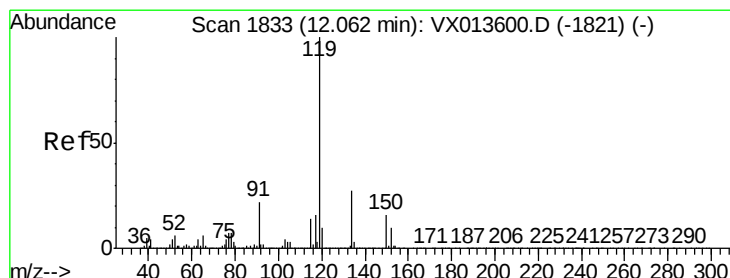
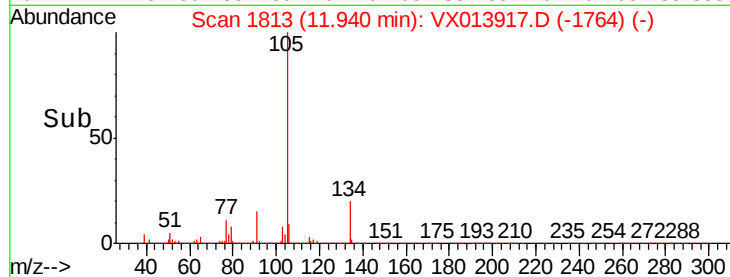
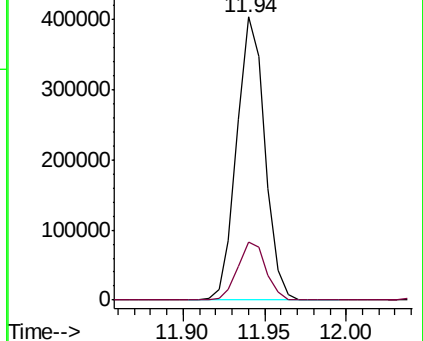
105 100

134 20.7 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: 19.028 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

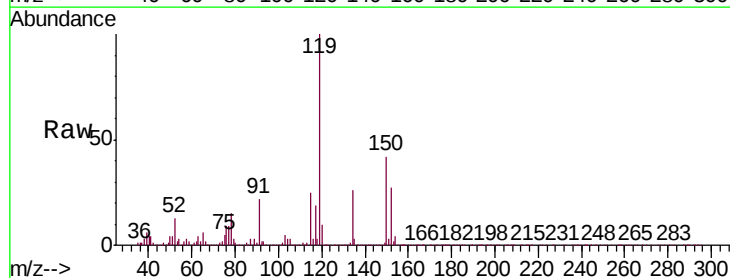
Tgt Ion:119 Resp: 436945

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

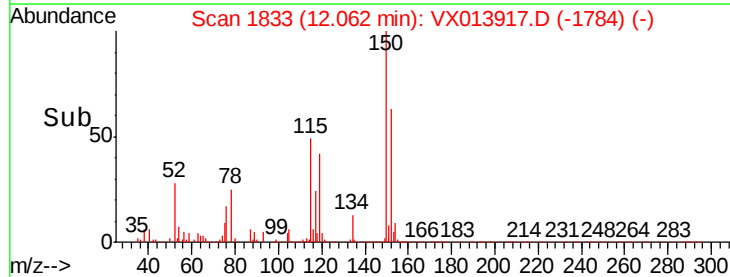
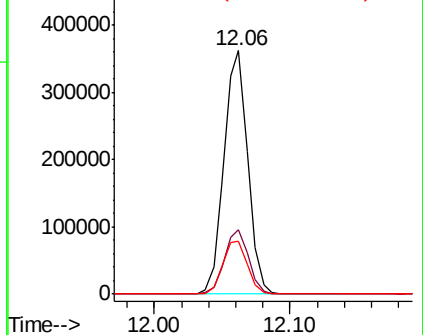
91 22.5 11.3 33.8

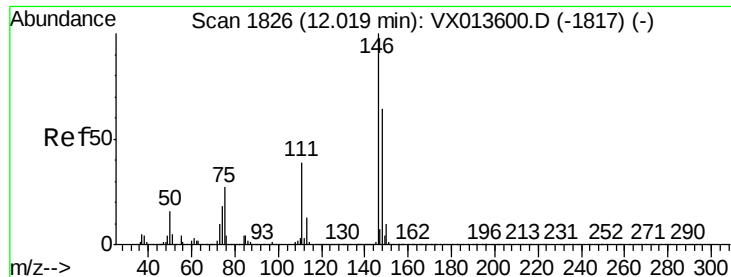


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

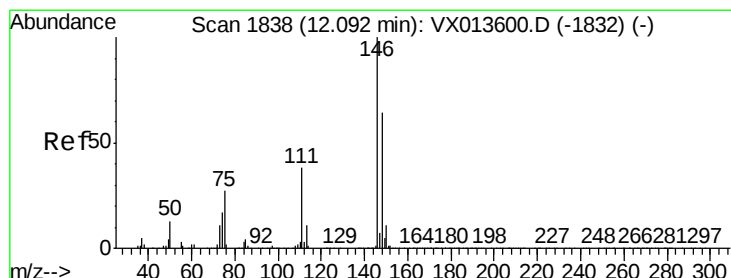
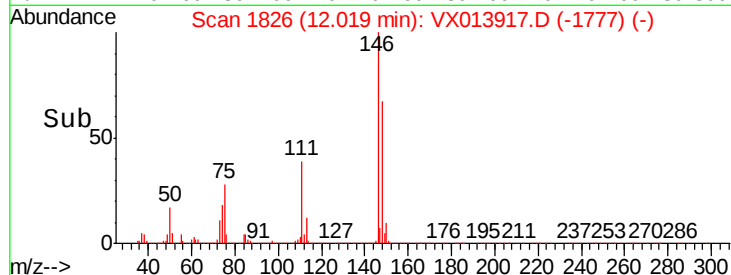
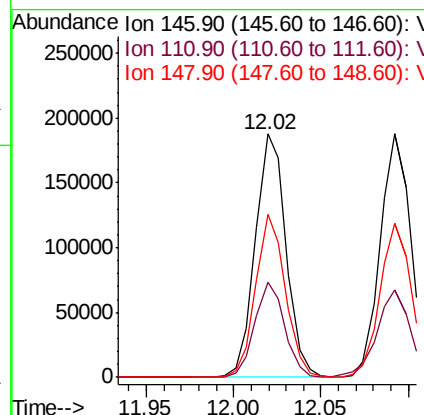
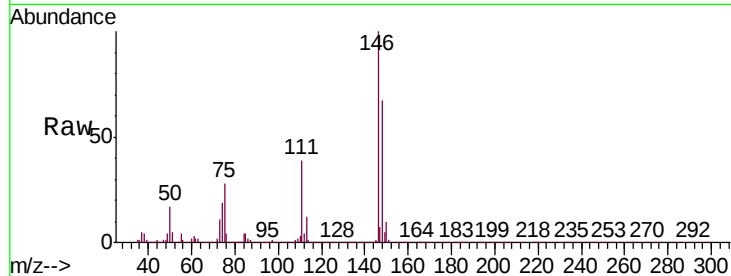




#87
 1,3-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

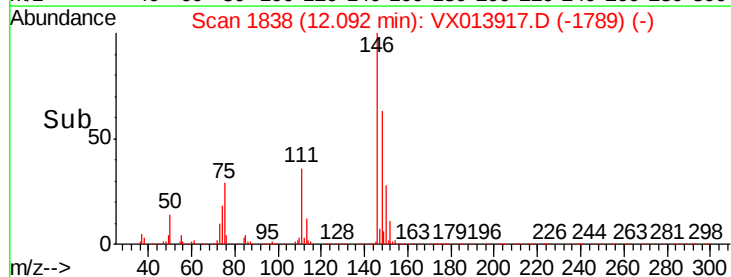
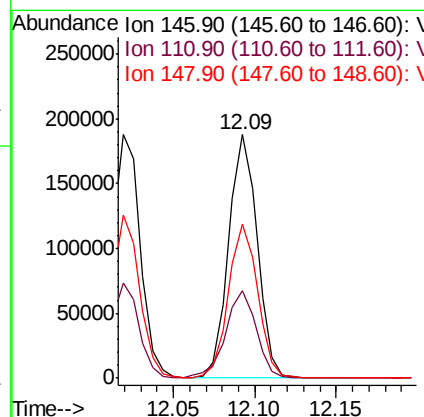
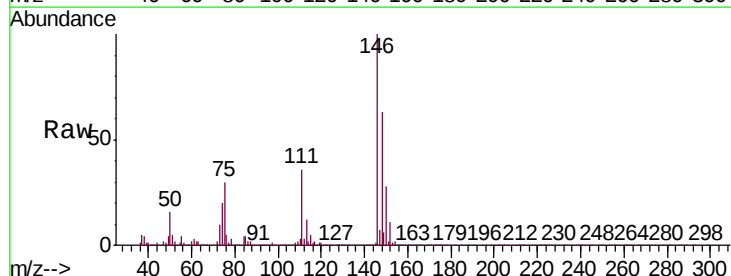
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

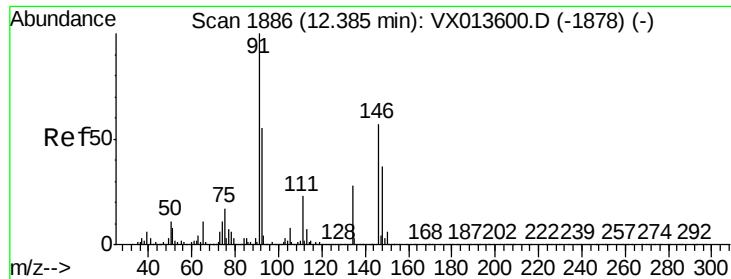
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.328 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.9	31.9	95.5

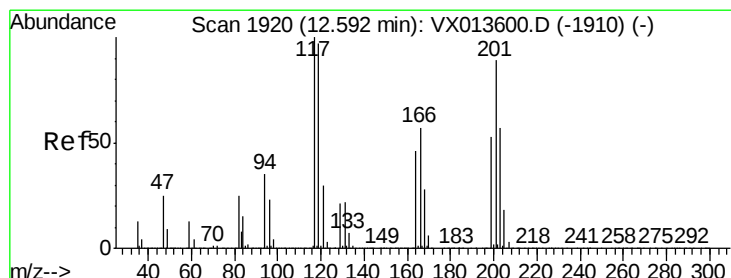
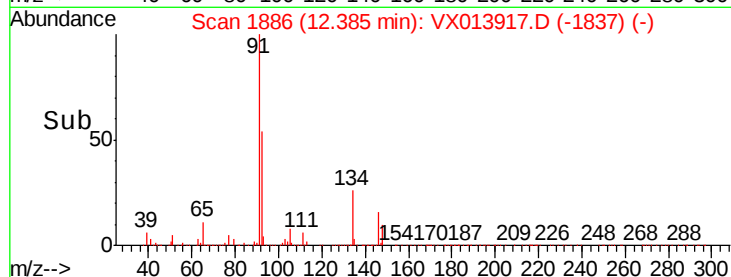
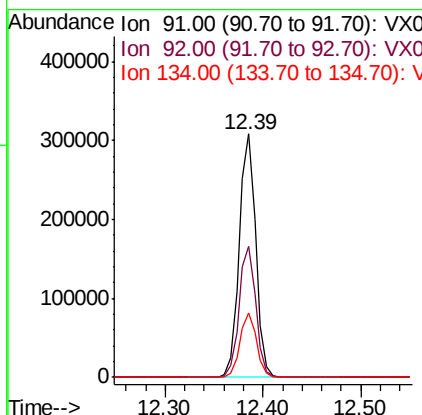
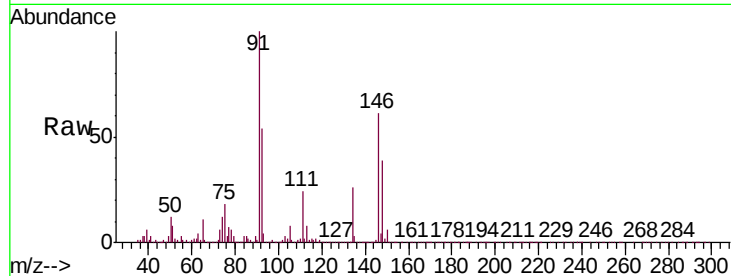




#89
n-Butylbenzene
Concen: 18.429 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

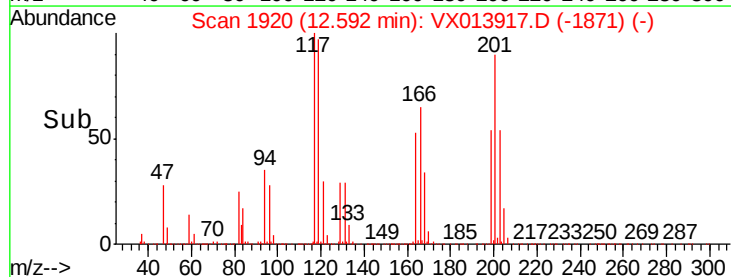
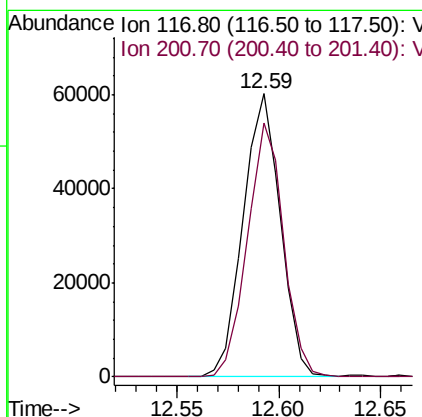
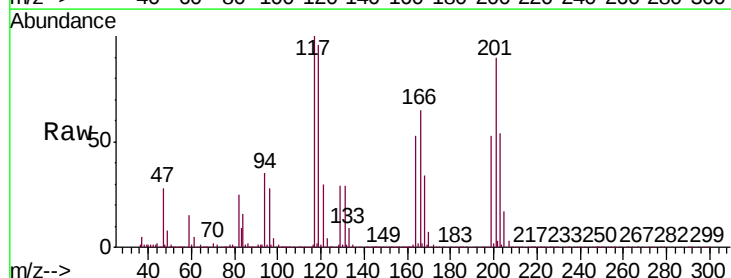
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

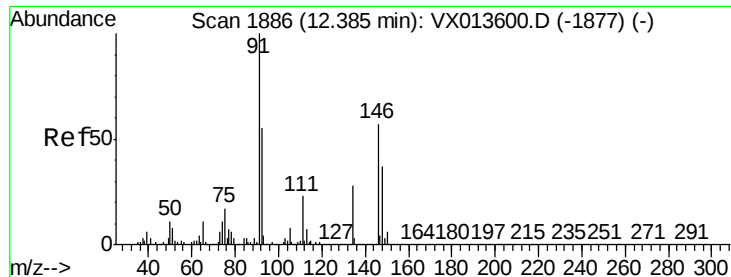
Tgt Ion: 91 Resp: 360947
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.2
134 26.3 13.5 40.4



#90
Hexachloroethane
Concen: 18.350 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 117 Resp: 76166
Ion Ratio Lower Upper
117 100
201 88.4 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 19.495 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

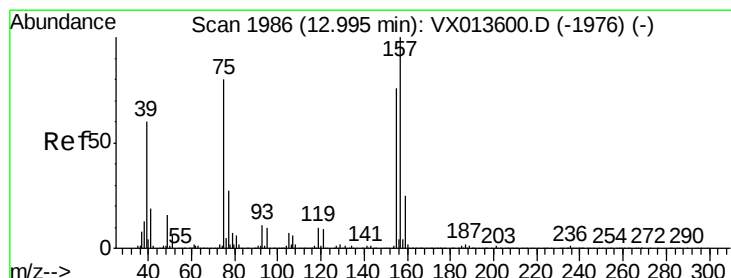
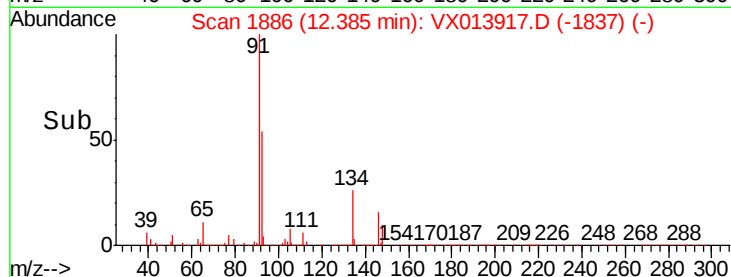
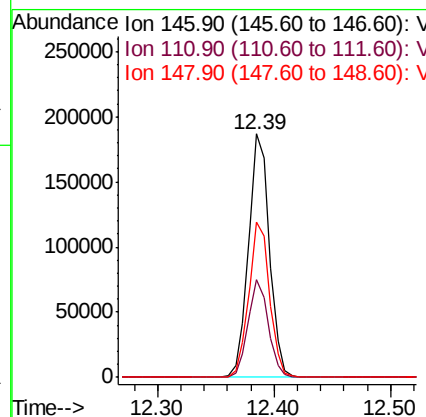
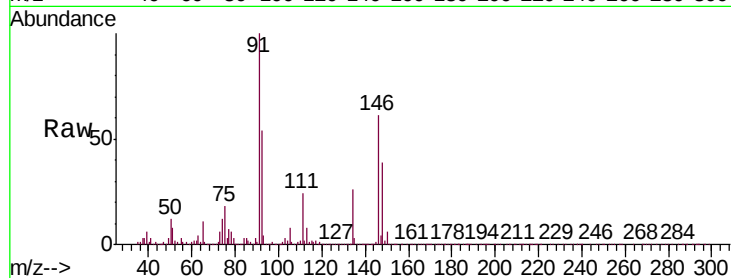
Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tgt Ion:	146	Resp:	235336
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	63.5	31.9	95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.361 ug/l

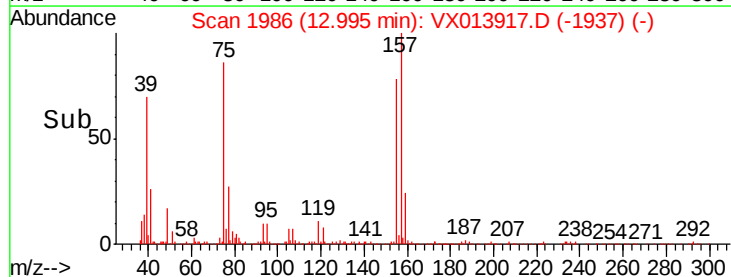
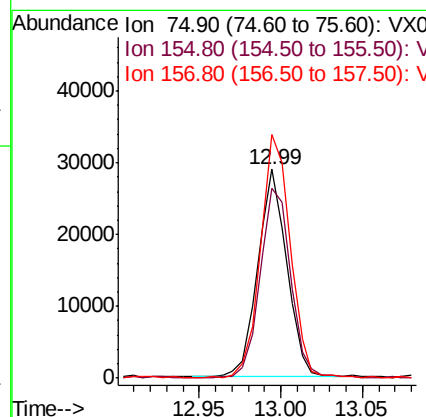
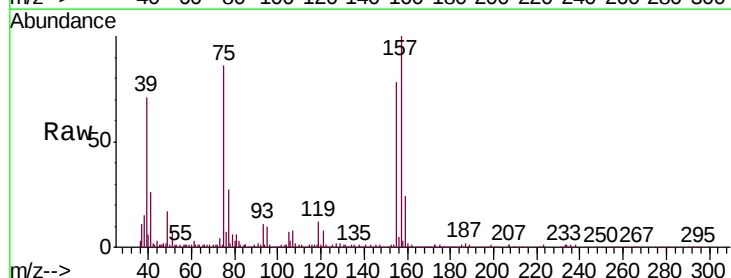
RT: 12.99 min Scan# 1986

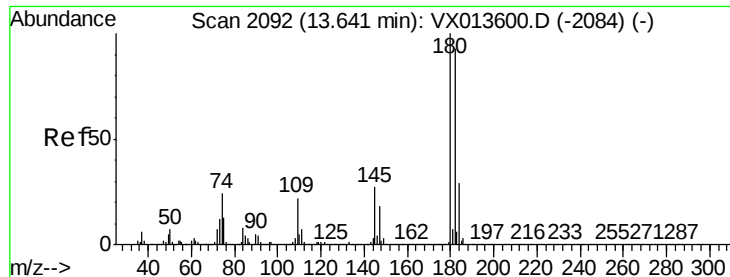
Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	75	Resp:	35975
Ion	Ratio	Lower	Upper
75	100		
155	95.5	47.6	142.8
157	120.9	62.1	186.2

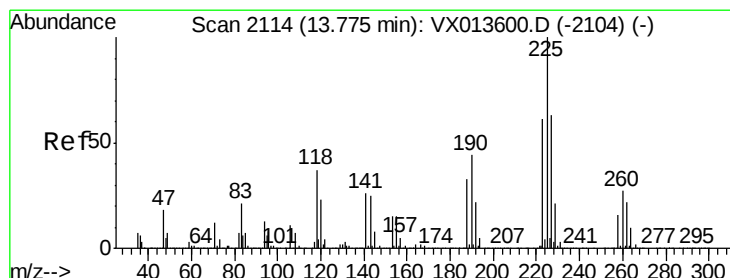
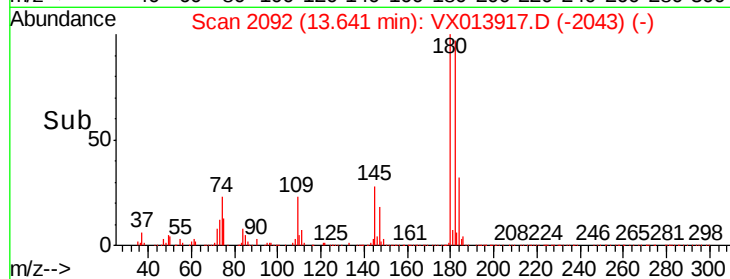
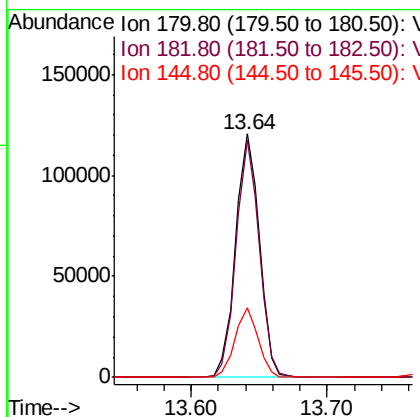
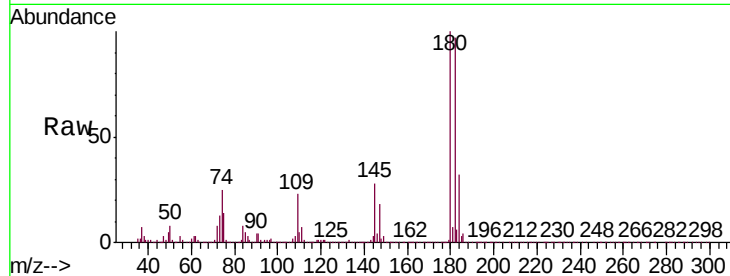




#93
 1,2,4-Trichlorobenzene
 Concen: 17.446 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

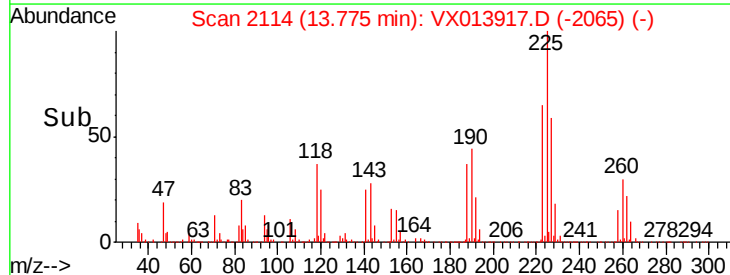
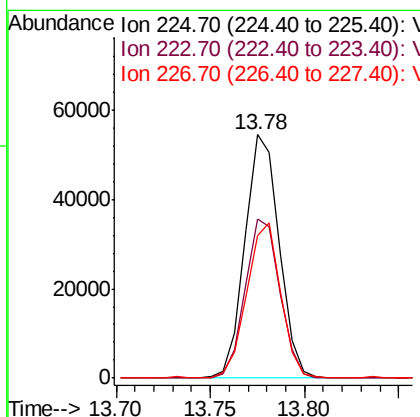
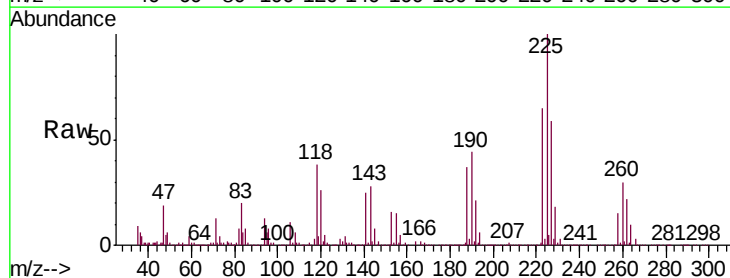
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

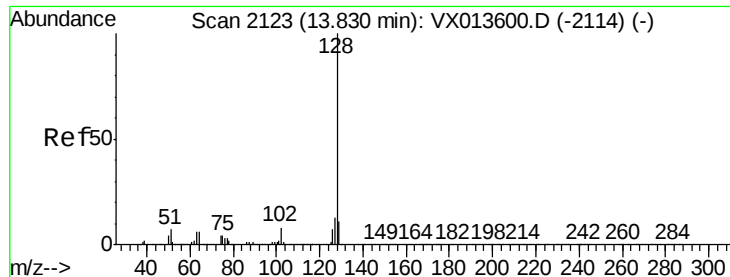
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.2	141.6
145	27.8	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 17.059 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.9	95.5
227	62.9	32.1	96.3

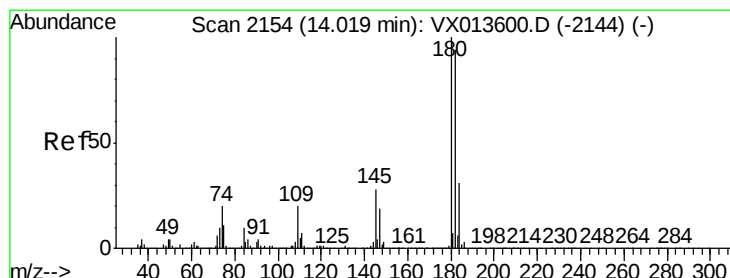
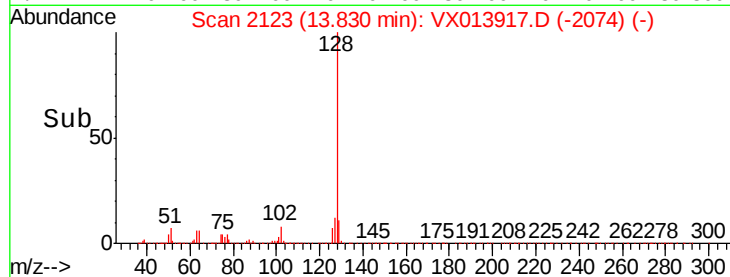
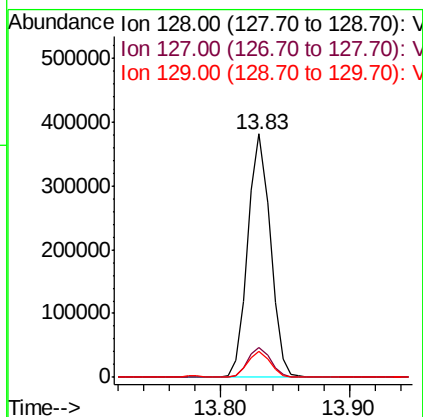
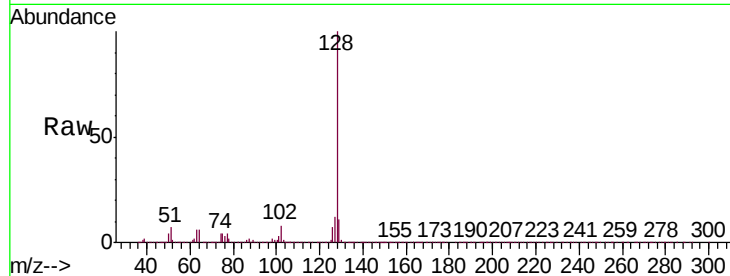




#95
Naphthalene
Concen: 18.370 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.286 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	28.7	15.0	45.0

