

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121718\
 Data File : VX006583.D
 Acq On : 17 Dec 2018 19:52
 Operator : JC/MD
 Sample : J6405-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 00:42:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	574159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	915965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	839832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	424378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	297112	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	270112	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	8.71	98	985692	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	11.13	95	369253	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	247886	44.094	ug/l	98
3) Chloromethane	1.33	50	270669	46.852	ug/l	99
4) Vinyl Chloride	1.41	62	298624	48.028	ug/l	99
5) Bromomethane	1.64	94	286822	66.562	ug/l	100
6) Chloroethane	1.71	64	194016	50.892	ug/l	100
7) Trichlorofluoromethane	1.93	101	482345	50.537	ug/l	97
8) Diethyl Ether	2.19	74	184905	51.189	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	295350	54.421	ug/l	98
10) Methyl Iodide	2.51	142	442332	54.082	ug/l	98
11) Tert butyl alcohol	3.08	59	386041	240.836	ug/l	99
12) 1,1-Dichloroethene	2.37	96	267786	51.543	ug/l	94
13) Acrolein	2.30	56	250570	286.007	ug/l	99
14) Allyl chloride	2.73	41	455837	44.416	ug/l	99
15) Acrylonitrile	3.15	53	852421	254.842	ug/l	99
16) Acetone	2.45	43	717687	260.916	ug/l	97
17) Carbon Disulfide	2.57	76	667319	41.684	ug/l	99
18) Methyl Acetate	2.78	43	448537	48.761	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	922591	49.779	ug/l	100
20) Methylene Chloride	2.86	84	300053	51.256	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	280430	50.651	ug/l	93
22) Diisopropyl ether	3.87	45	844226	52.665	ug/l	99
23) Vinyl Acetate	3.82	43	3122571	228.385	ug/l	100
24) 1,1-Dichloroethane	3.70	63	481851	52.590	ug/l	100
25) 2-Butanone	4.70	43	1072099	273.162	ug/l	100
26) 2,2-Dichloropropane	4.59	77	317358	37.531	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	337682	54.680	ug/l	97
28) Bromochloromethane	5.02	49	206534	51.606	ug/l	96
29) Tetrahydrofuran	5.15	42	732019	268.364	ug/l	98
30) Chloroform	5.21	83	523408	54.360	ug/l	98
31) Cyclohexane	5.57	56	429063	50.672	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	449997	49.119	ug/l	99
36) 1,1-Dichloropropene	5.80	75	380434	49.321	ug/l	99
37) Ethyl Acetate	4.85	43	383458	44.392	ug/l	100
38) Carbon Tetrachloride	5.78	117	368549	40.615	ug/l	96

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Quant Time: Dec 18 00:42:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	470640	47.006	ug/l	97
40) Benzene	6.14	78	1177892	50.986	ug/l	100
41) Methacrylonitrile	5.06	41	230600	48.516	ug/l	99
42) 1,2-Dichloroethane	6.20	62	396655	52.461	ug/l	100
43) Isopropyl Acetate	6.46	43	618607	42.953	ug/l	99
44) Trichloroethene	7.21	130	1163648	166.267	ug/l	95
45) 1,2-Dichloropropane	7.52	63	288217	49.088	ug/l	99
46) Dibromomethane	7.66	93	211521	49.881	ug/l	94
47) Bromodichloromethane	7.90	83	362094	44.094	ug/l	99
48) Methyl methacrylate	7.77	41	320889	45.800	ug/l	96
49) 1,4-Dioxane	7.76	88	180460	1045.037	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2045870	244.020	ug/l	98
52) Toluene	8.79	92	779001	51.254	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	387551	40.354	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	429038	43.022	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	318640	51.605	ug/l	99
56) Ethyl methacrylate	9.18	69	440902	45.675	ug/l	98
57) 1,3-Dichloropropane	9.37	76	509168	52.148	ug/l	99
59) 2-Hexanone	9.49	43	1553539	242.535	ug/l	99
60) Dibromochloromethane	9.58	129	305391	40.110	ug/l	100
61) 1,2-Dibromoethane	9.67	107	345955	50.108	ug/l	99
64) Tetrachloroethene	9.34	164	321218	50.788	ug/l	98
65) Chlorobenzene	10.14	112	888176	49.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	296965	42.872	ug/l	98
67) Ethyl Benzene	10.25	91	1471390	49.623	ug/l	100
68) m/p-Xylenes	10.36	106	1161242	97.769	ug/l	99
69) o-Xylene	10.70	106	576132	49.108	ug/l	100
70) Styrene	10.71	104	920953	48.535	ug/l	99
71) Bromoform	10.86	173	219921	33.634	ug/l #	99
73) Isopropylbenzene	11.02	105	1524267	52.010	ug/l	100
74) N-amyl acetate	10.90	43	496995	39.381	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	463149	49.398	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	513237	62.657	ug/l	85
77) Bromobenzene	11.26	156	396929	48.803	ug/l	97
78) n-propylbenzene	11.36	91	1666481	51.154	ug/l	100
79) 2-Chlorotoluene	11.42	91	990571	51.158	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1243060	50.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	108661	31.131	ug/l #	78
82) 4-Chlorotoluene	11.51	91	1137913	50.546	ug/l	99
83) tert-Butylbenzene	11.77	119	1265158	48.628	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1285906	51.071	ug/l	100
85) sec-Butylbenzene	11.94	105	1511672	51.073	ug/l	100
86) p-Isopropyltoluene	12.06	119	1349366	50.629	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	715249	49.423	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	716313	48.766	ug/l	100
89) n-Butylbenzene	12.39	91	1124067	49.430	ug/l	99
90) Hexachloroethane	12.60	117	187441	34.507	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	711441	49.533	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97072	40.389	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	490978	46.855	ug/l	99

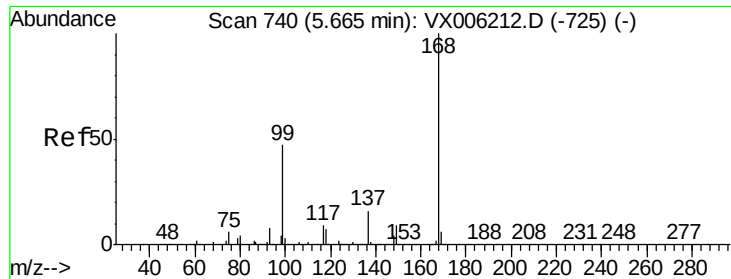
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	214983	46.392	ug/l	99
95) Naphthalene	13.83	128	1615246	49.555	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	498536	48.034	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

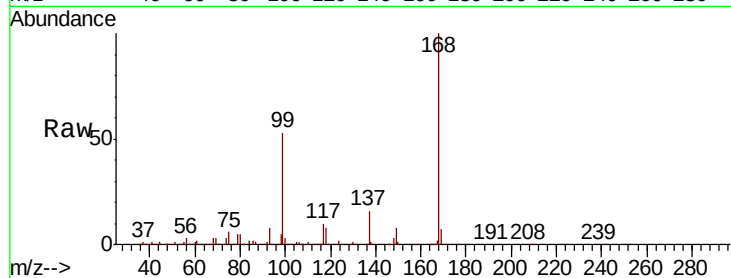
ClientSampleId :

Tot Ion:168 Resp: 574159

Ion Ratio Lower Upper

168 100

99 52.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

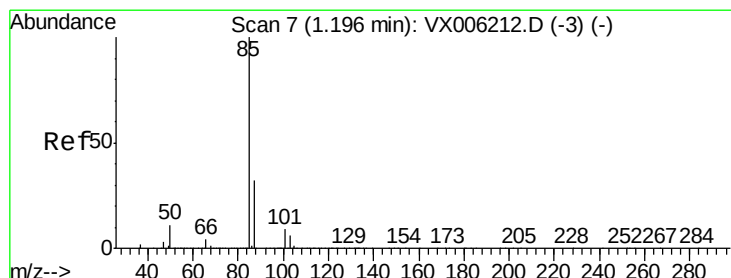
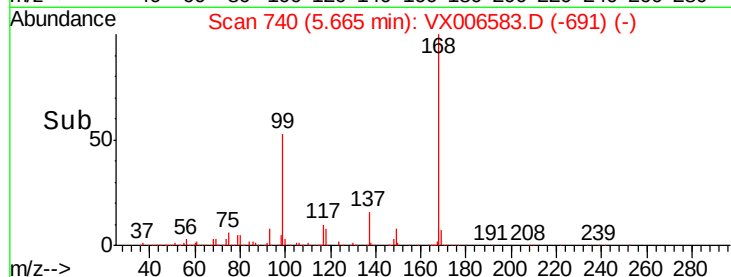
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.094 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006583.D

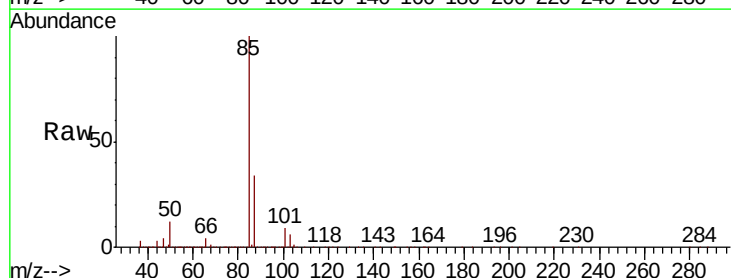
Acq: 17 Dec 2018 19:52

Tgt Ion: 85 Resp: 247886

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

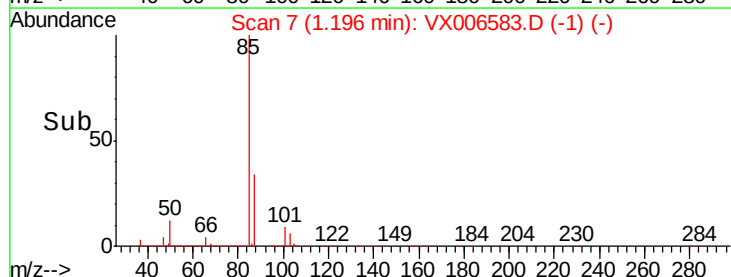
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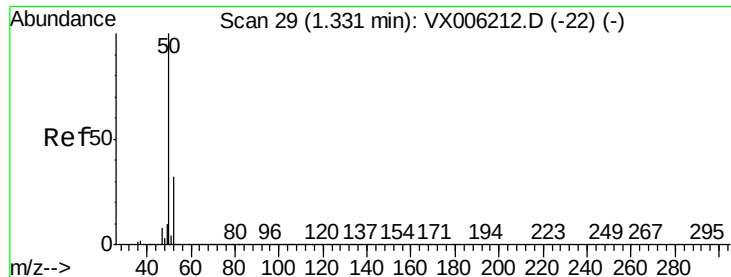
50000

0

Time-->

1.15 1.20 1.25 1.30 1.35

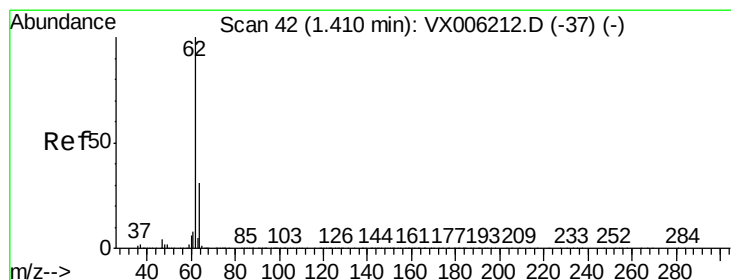
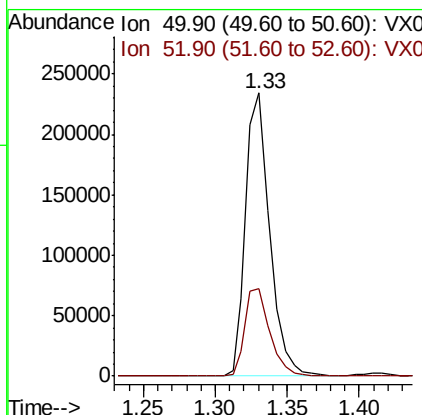
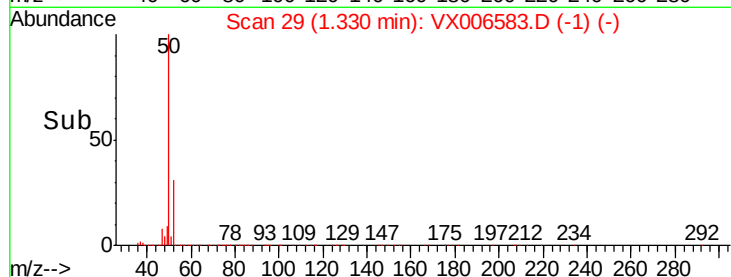
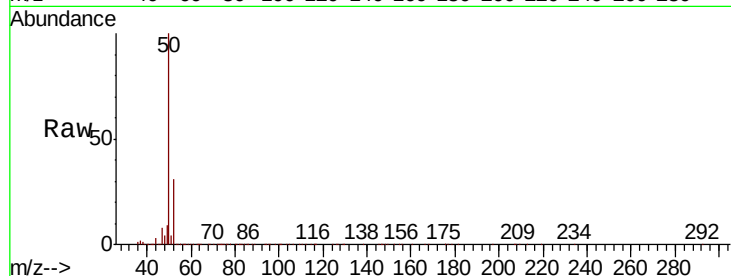




#3
Chloromethane
Concen: 46.852 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

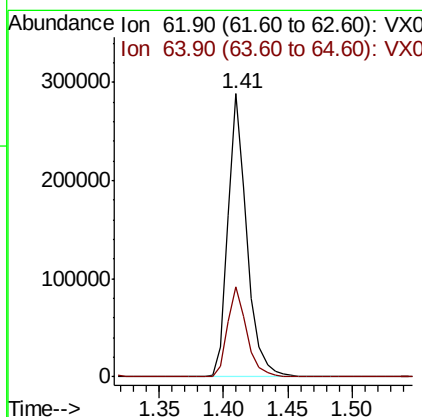
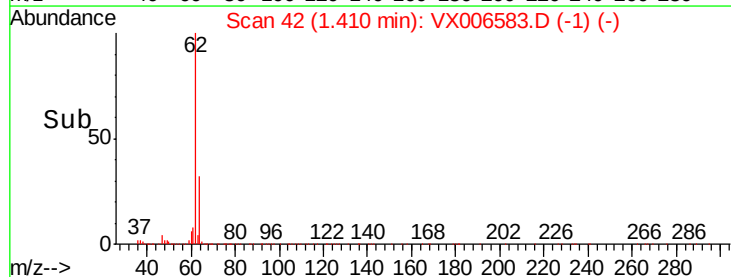
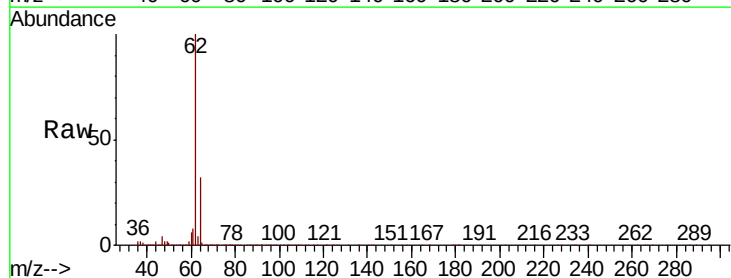
Instrument :
MSVOA_X
ClientSampleId :

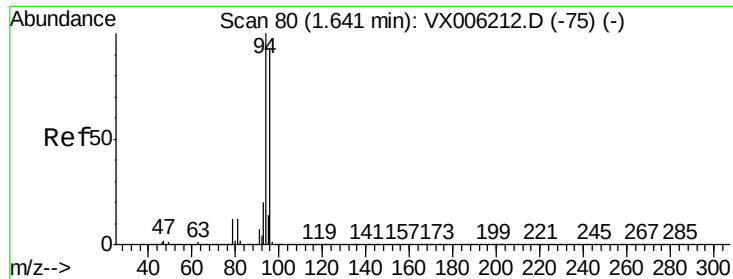
Tot Ion: 50 Resp: 270669
Ion Ratio Lower Upper
50 100
52 31.1 25.2 37.8



#4
Vinyl Chloride
Concen: 48.028 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 62 Resp: 298624
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3





#5

Bromomethane

Concen: 66.562 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

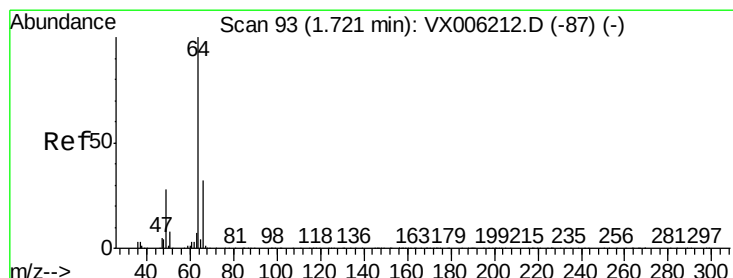
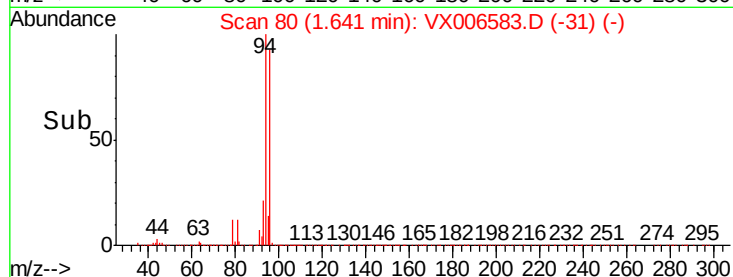
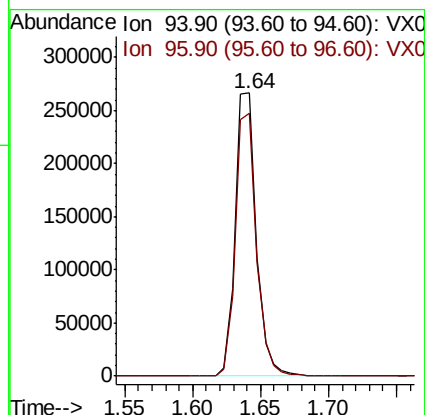
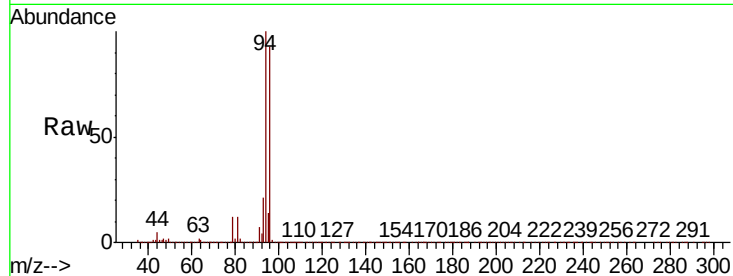
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 286822

Ion Ratio Lower Upper

94 100

96 92.9 74.5 111.7



#6

Chloroethane

Concen: 50.892 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006583.D

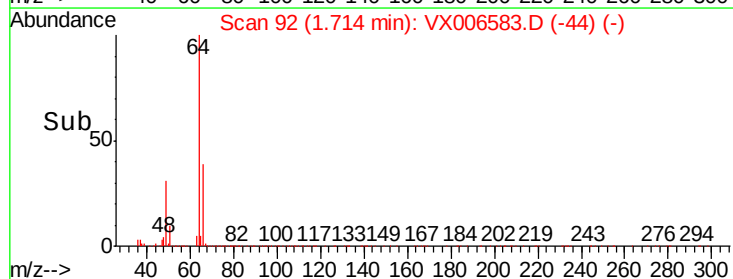
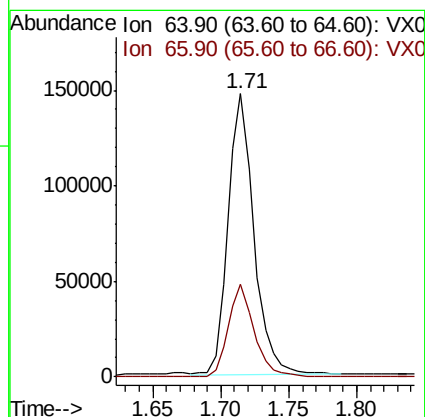
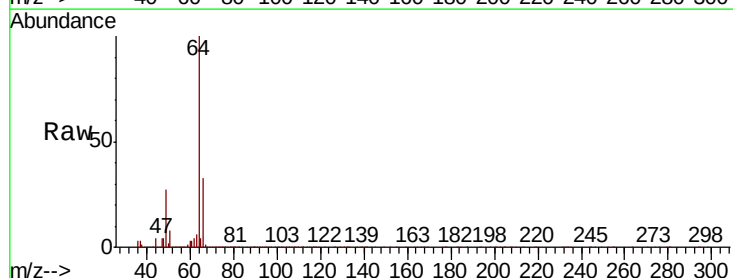
Acq: 17 Dec 2018 19:52

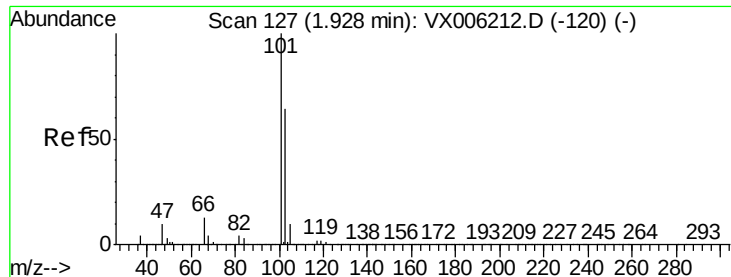
Tgt Ion: 64 Resp: 194016

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9



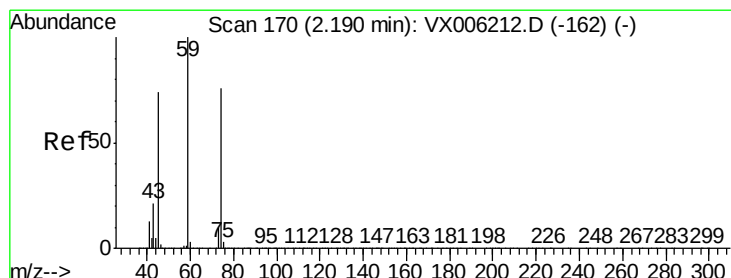
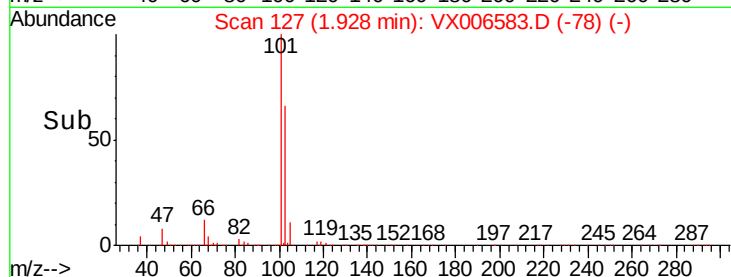
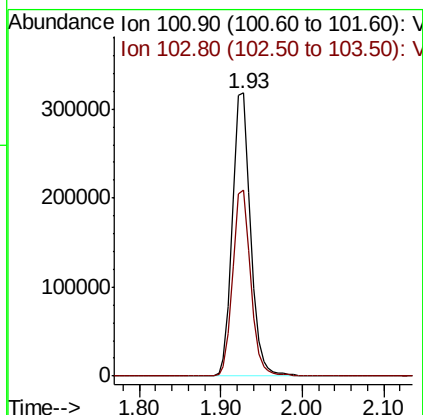
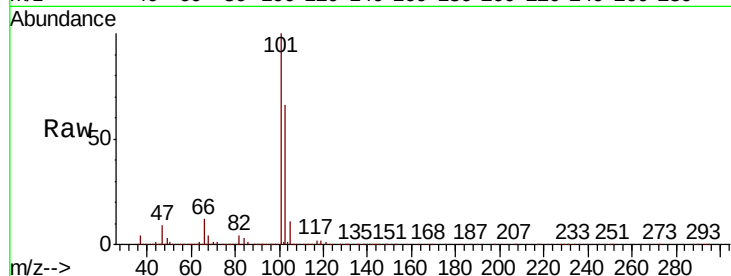


#7

Trichlorofluoromethane
Concen: 50.537 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :

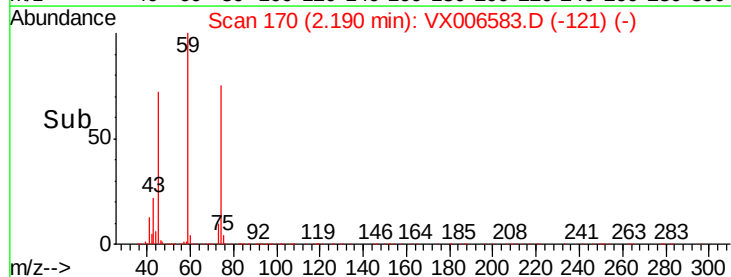
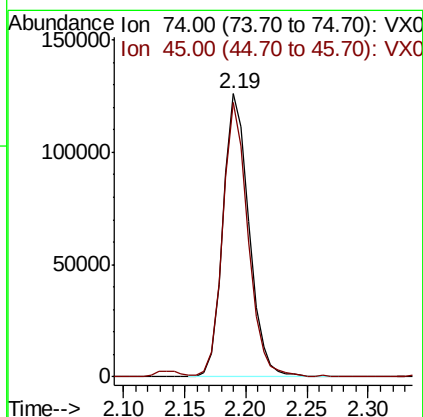
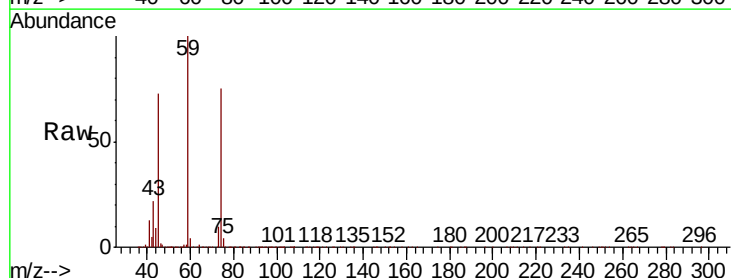
Tot Ion:101 Resp: 482345
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.4

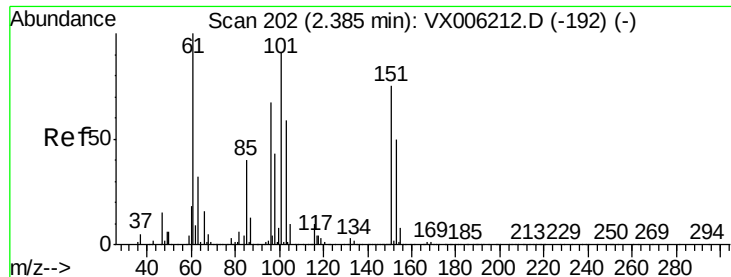


#8

Diethyl Ether
Concen: 51.189 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 74 Resp: 184905
Ion Ratio Lower Upper
74 100
45 94.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.421 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

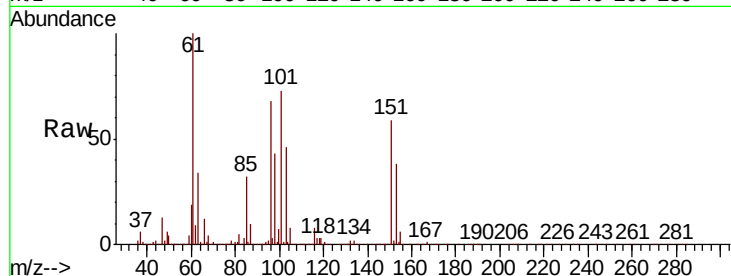
Tot Ion:101 Resp: 295350

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

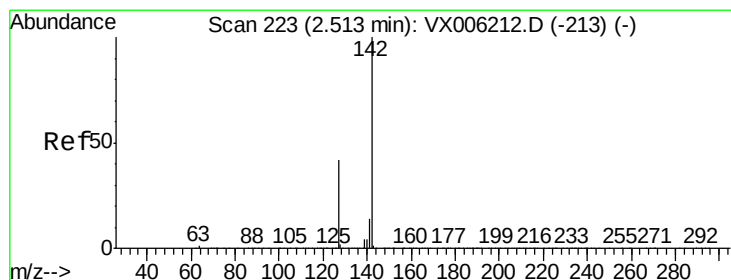
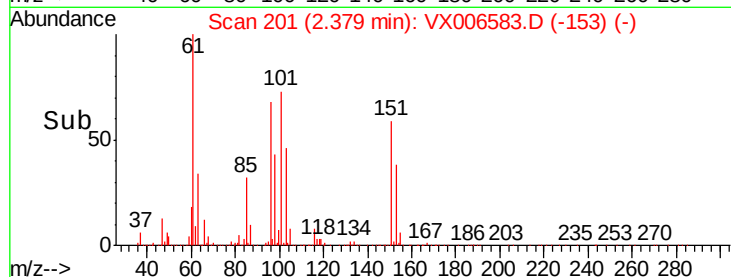
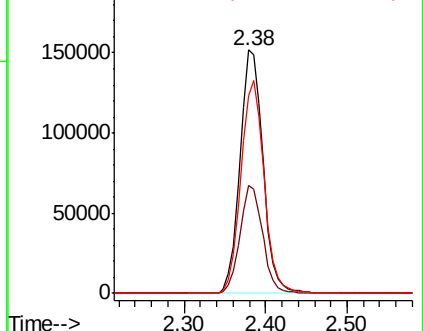
151 88.0 68.6 103.0



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: 54.082 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

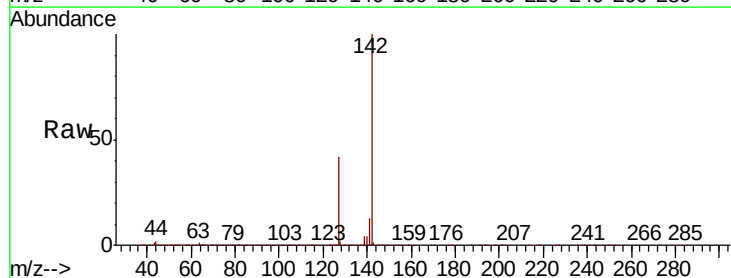
Tgt Ion:142 Resp: 442332

Ion Ratio Lower Upper

142 100

127 42.2 34.8 52.2

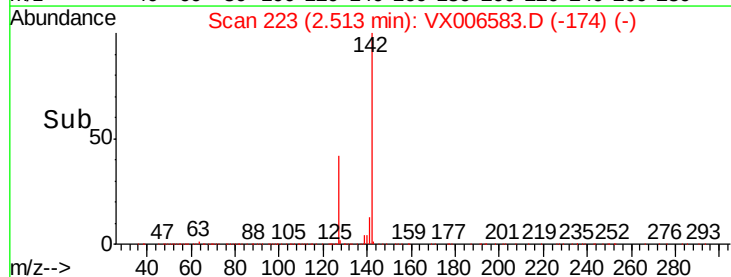
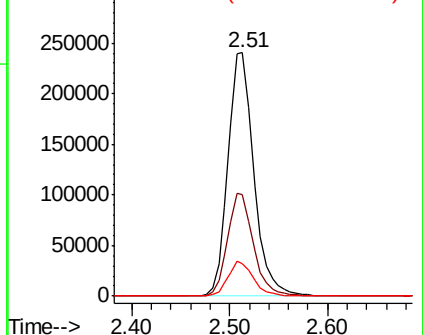
141 14.1 11.4 17.2

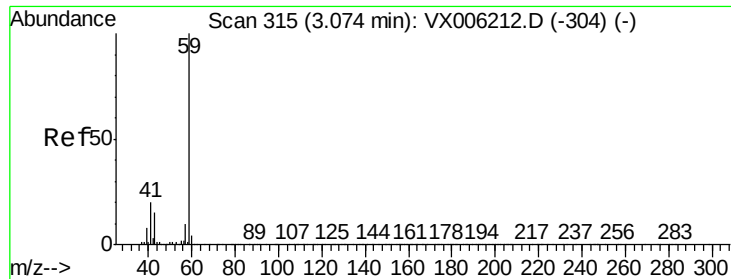


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

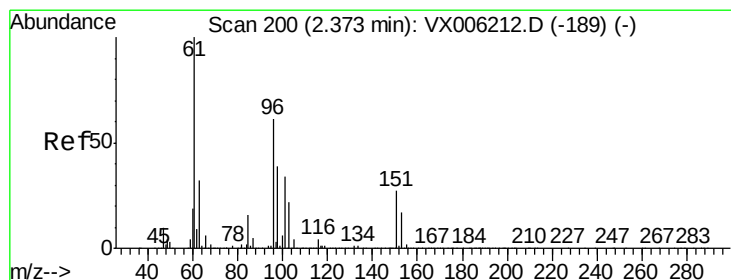
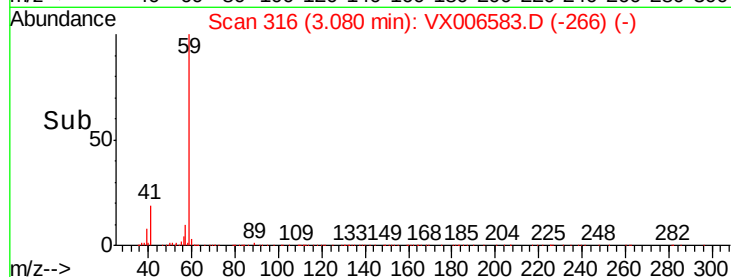
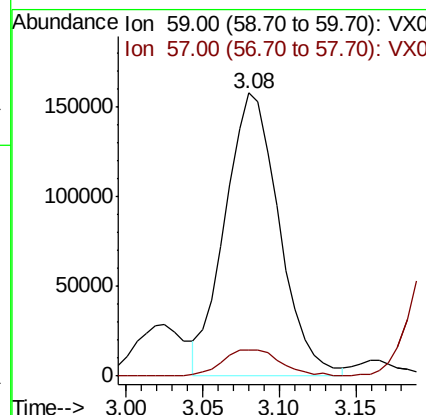
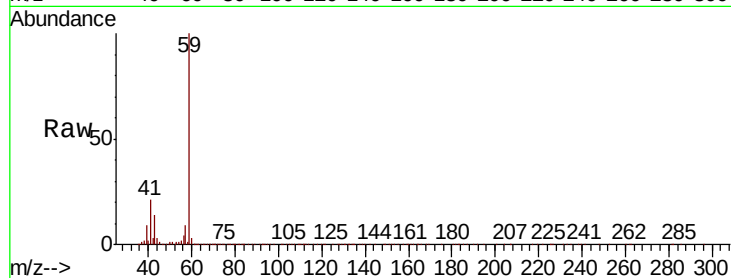




#11
Tert butyl alcohol
Concen: 240.836 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

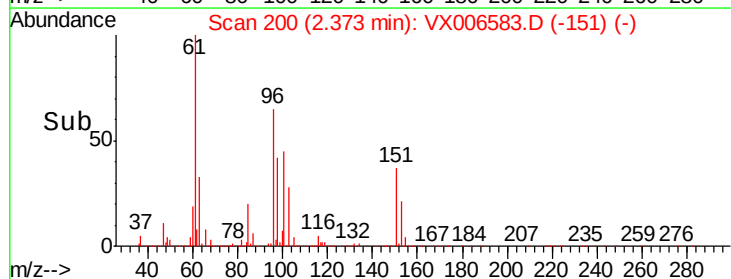
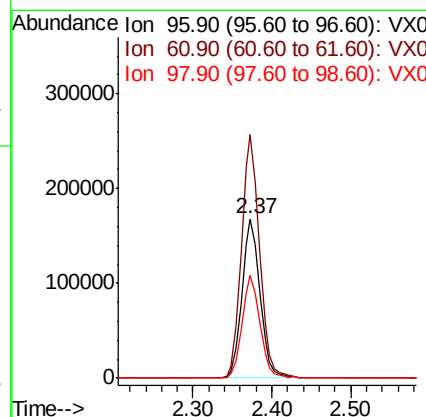
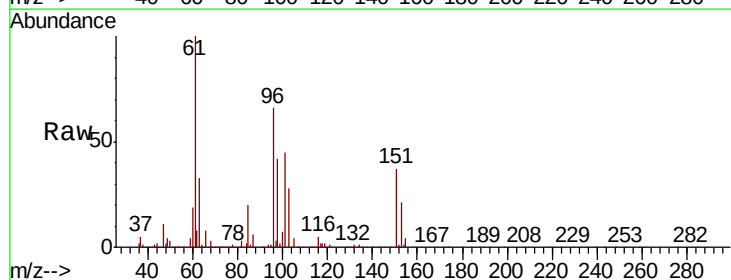
Instrument :
MSVOA_X
ClientSampleId :

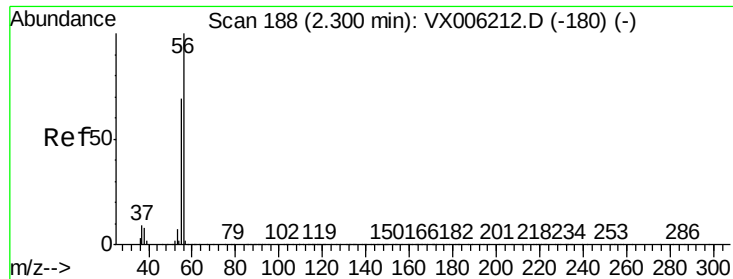
Tot Ion: 59 Resp: 386041
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.543 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 96 Resp: 267786
Ion Ratio Lower Upper
96 100
61 152.7 131.7 197.5
98 64.4 51.8 77.6

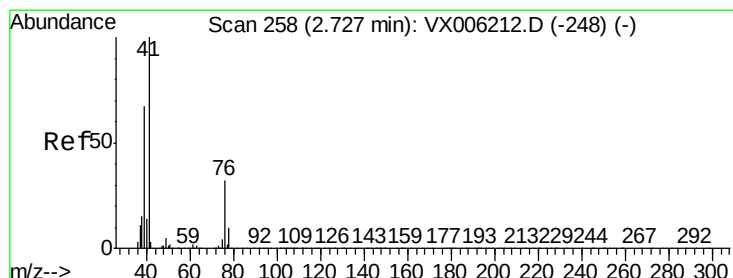
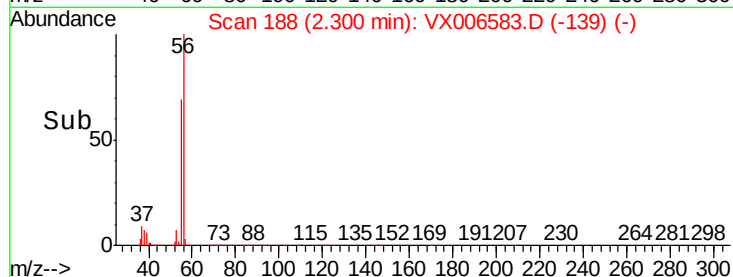
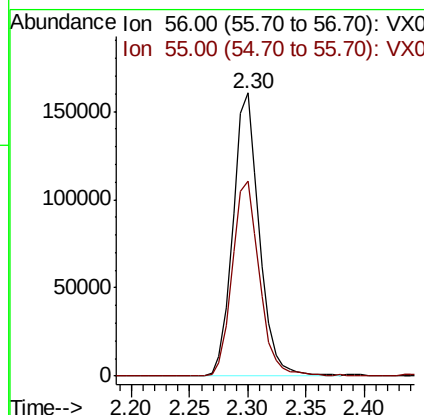
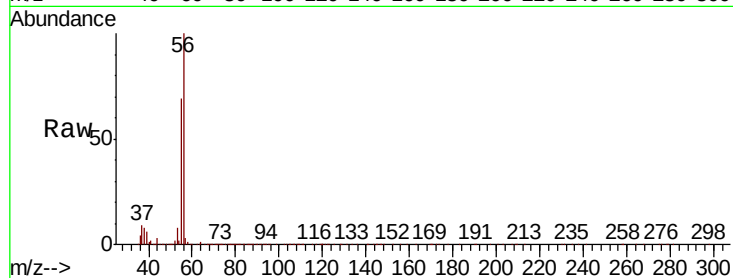




#13
Acrolein
Concen: 286.007 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

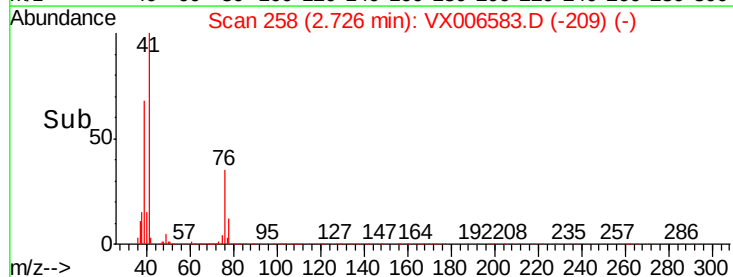
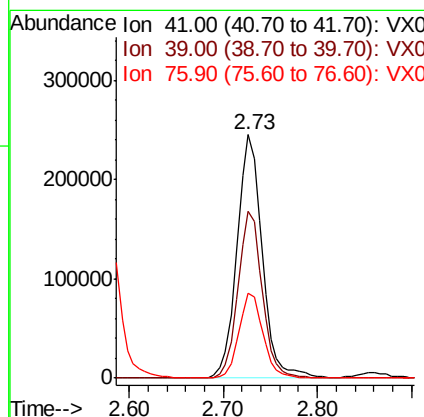
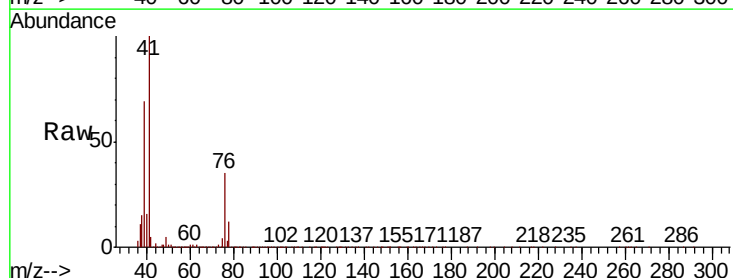
Instrument :
MSVOA_X
ClientSampleId :

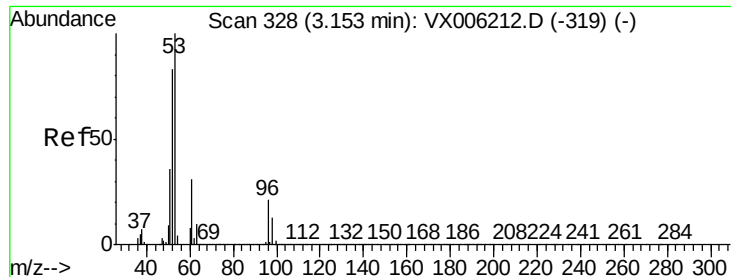
Tot Ion: 56 Resp: 250570
Ion Ratio Lower Upper
56 100
55 71.4 57.8 86.6



#14
Allyl chloride
Concen: 44.416 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 41 Resp: 455837
Ion Ratio Lower Upper
41 100
39 65.7 52.4 78.6
76 33.2 25.4 38.0





#15

Acrylonitrile

Concen: 254.842 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampled :

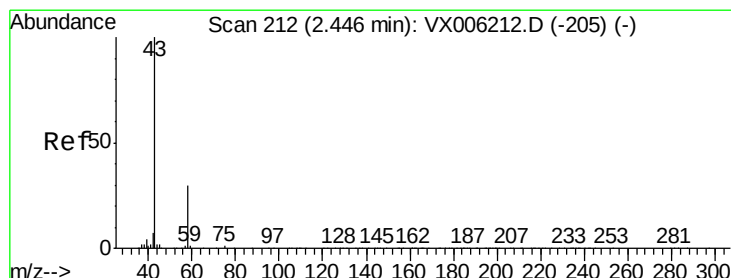
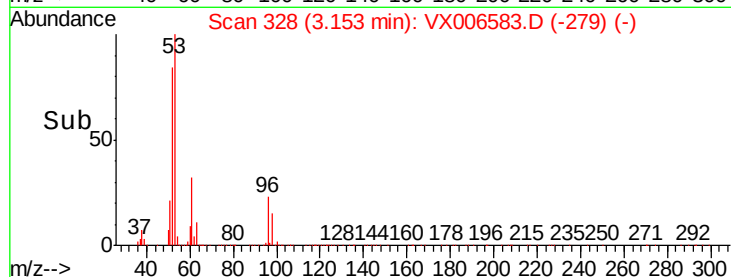
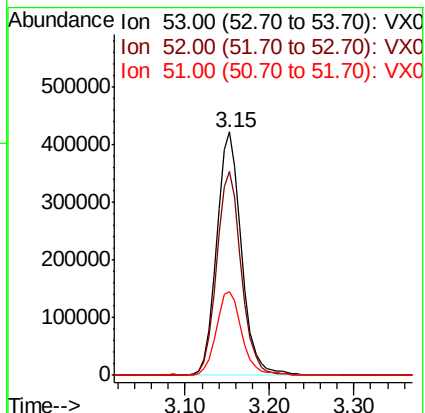
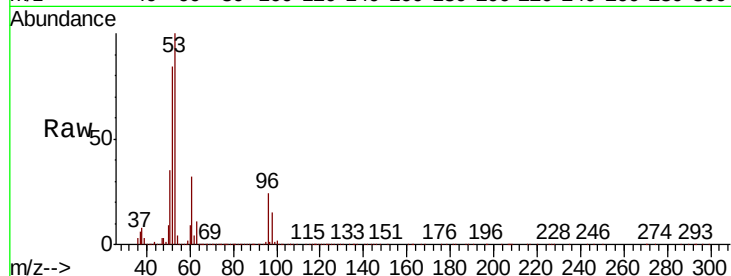
Tot Ion: 53 Resp: 852421

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 260.916 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006583.D

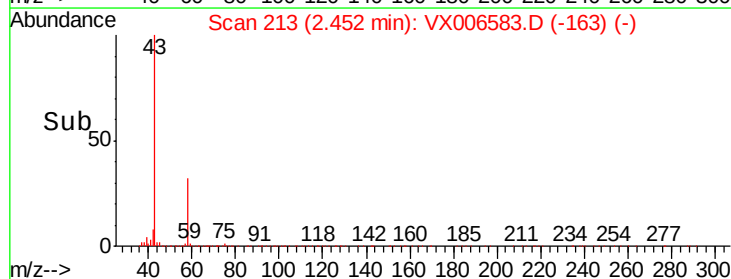
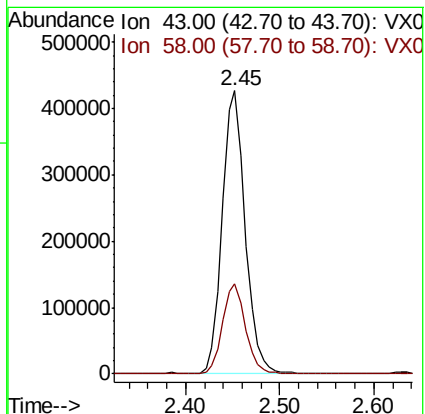
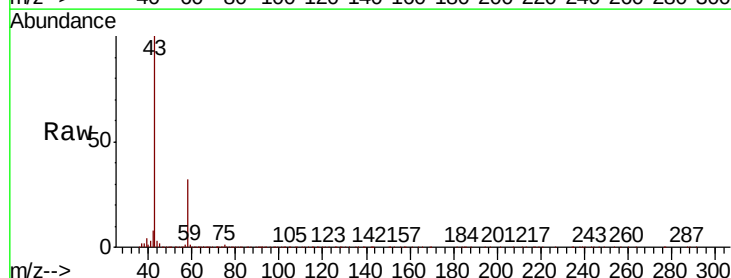
Acq: 17 Dec 2018 19:52

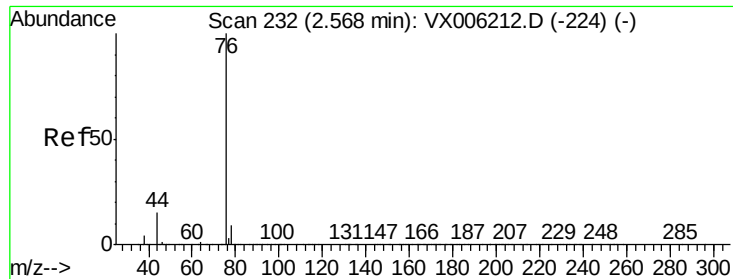
Tgt Ion: 43 Resp: 717687

Ion Ratio Lower Upper

43 100

58 31.8 24.0 36.0





#17

Carbon Disulfide

Concen: 41.684 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

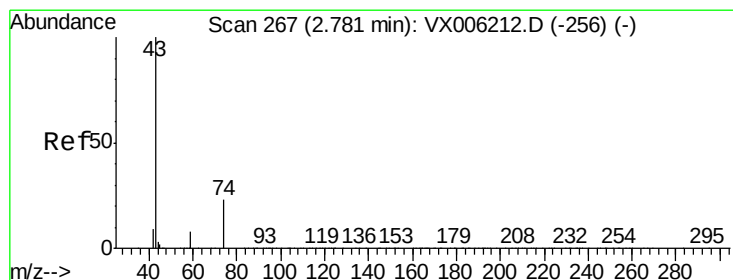
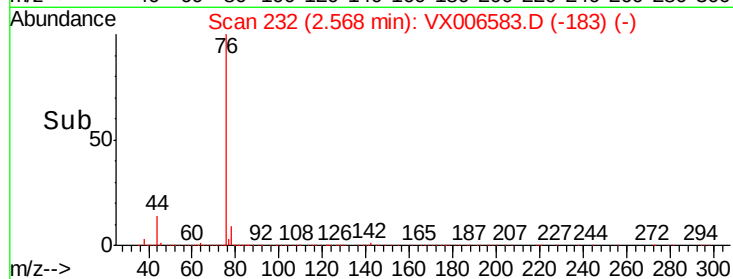
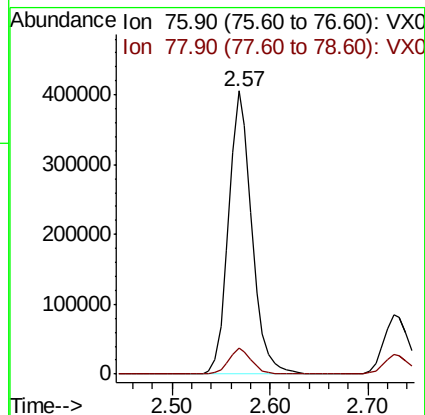
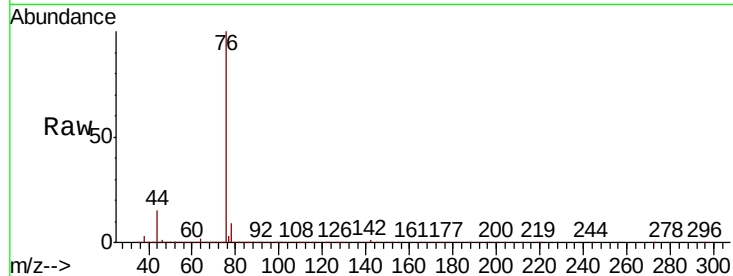
ClientSampleId :

Tot Ion: 76 Resp: 667319

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 48.761 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006583.D

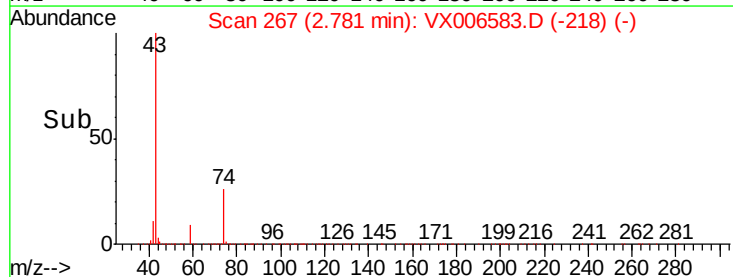
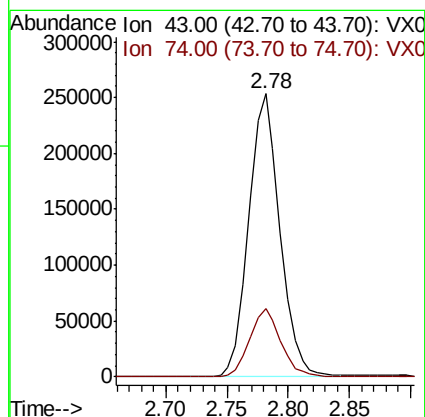
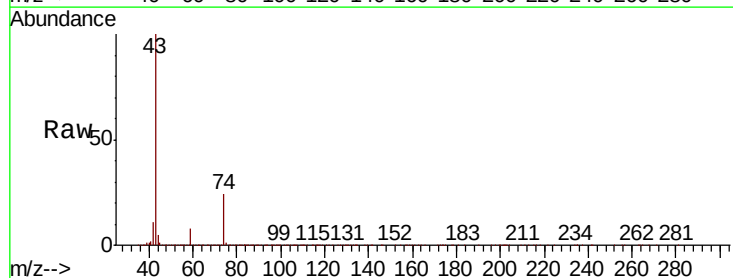
Acq: 17 Dec 2018 19:52

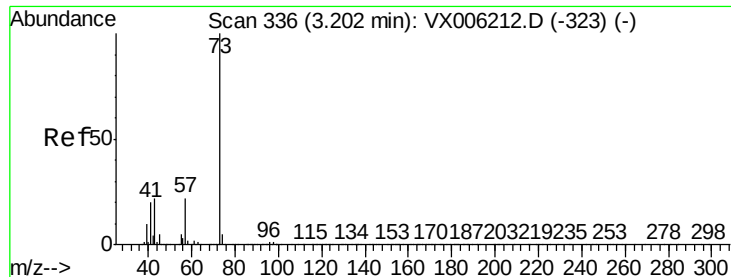
Tgt Ion: 43 Resp: 448537

Ion Ratio Lower Upper

43 100

74 24.1 17.9 26.9



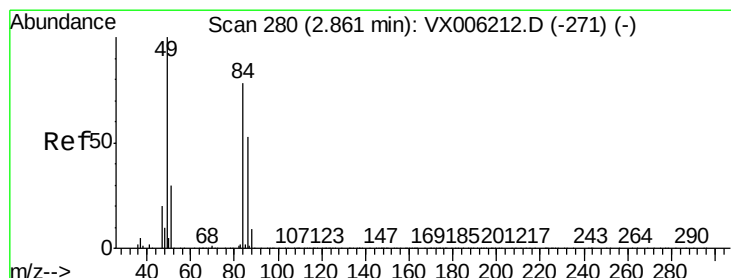
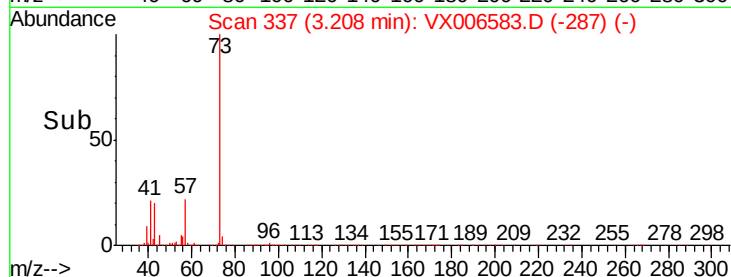
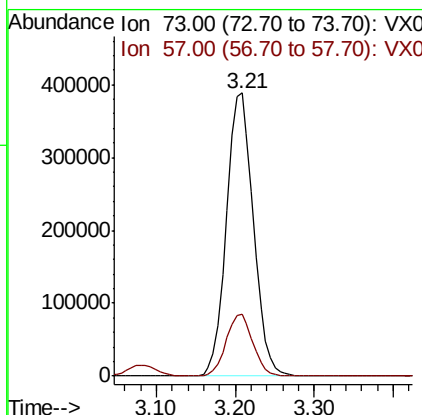
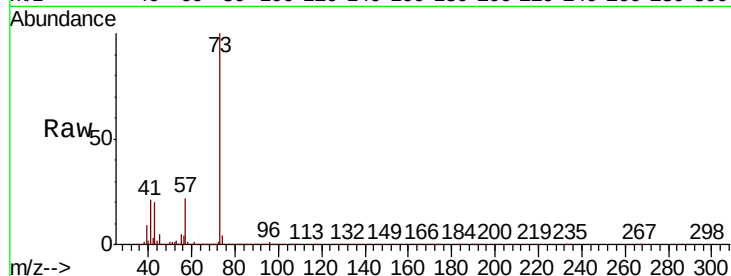


#19

Methyl tert-butyl Ether
 Concen: 49.779 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Instrument :
 MSVOA_X
 ClientSampleId :

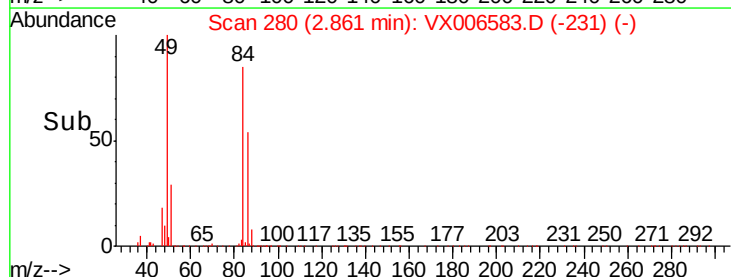
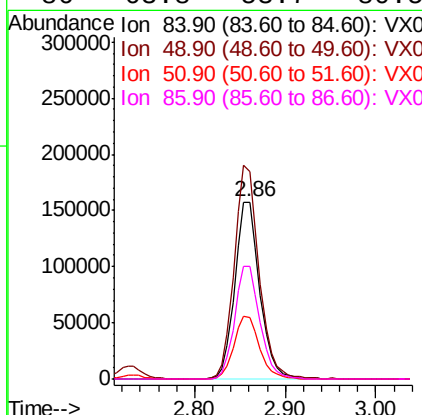
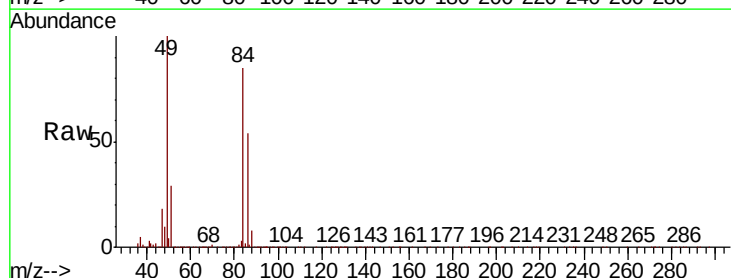
Tot Ion: 73 Resp: 922591
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.5 26.3

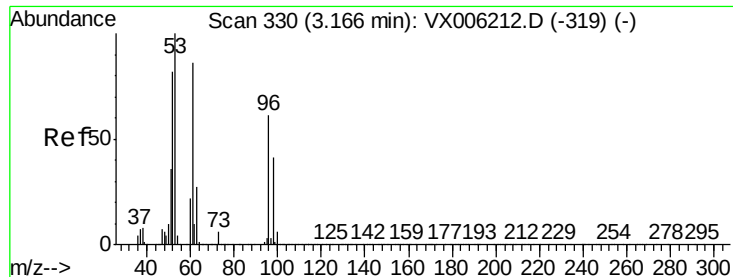


#20

Methylene Chloride
 Concen: 51.256 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion: 84 Resp: 300053
 Ion Ratio Lower Upper
 84 100
 49 117.4 102.2 153.4
 51 34.4 31.1 46.7
 86 63.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 50.651 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :

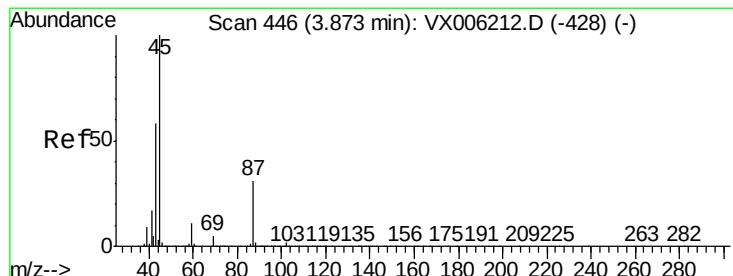
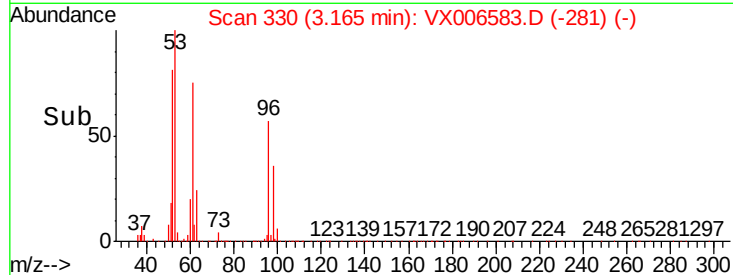
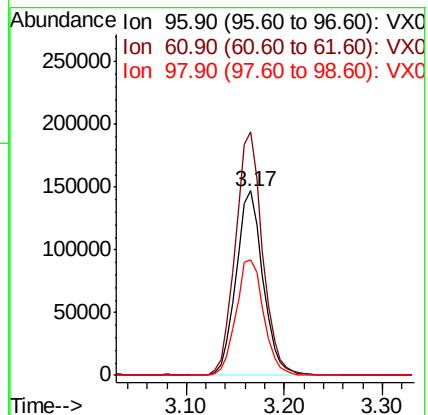
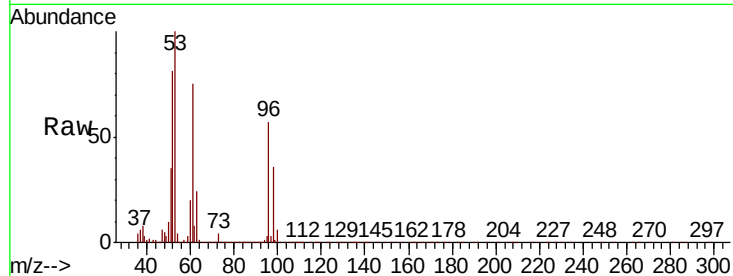
Tot Ion: 96 Resp: 280430

Ion Ratio Lower Upper

96 100

61 131.8 113.3 169.9

98 62.5 53.2 79.8



#22

Diisopropyl ether

Concen: 52.665 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Tgt Ion: 45 Resp: 844226

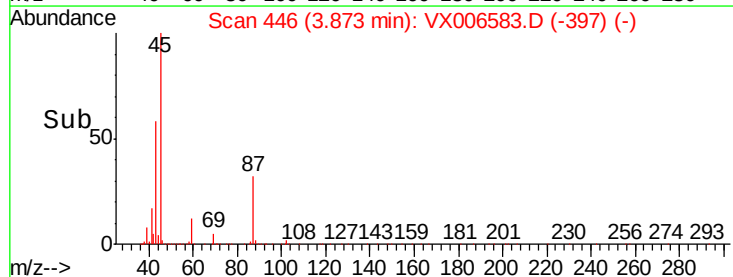
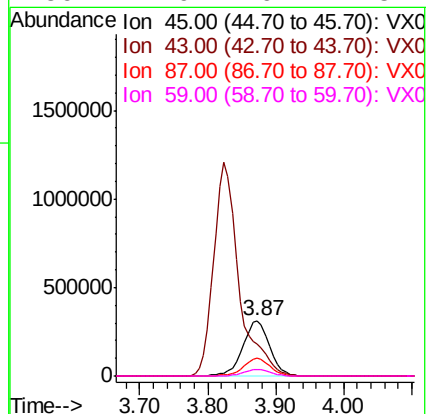
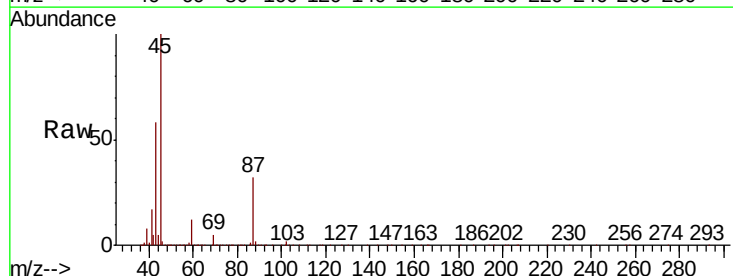
Ion Ratio Lower Upper

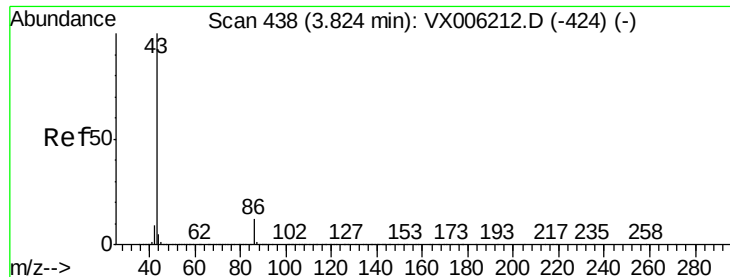
45 100

43 58.2 46.2 69.2

87 31.7 24.9 37.3

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 228.385 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

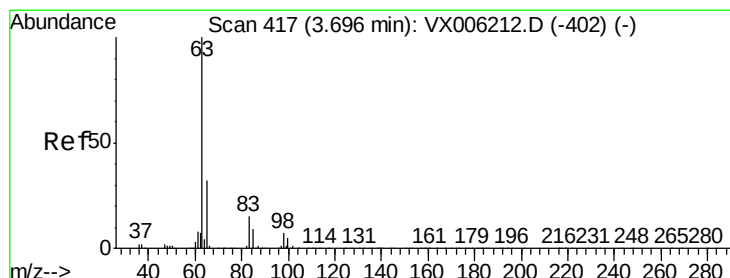
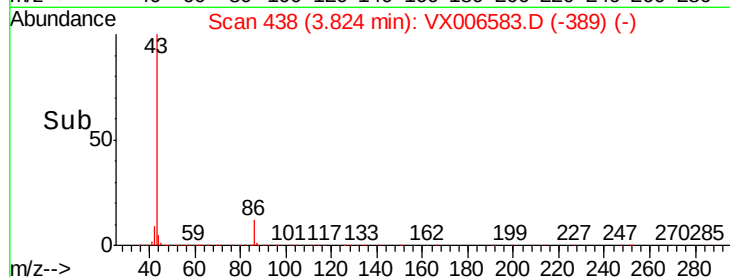
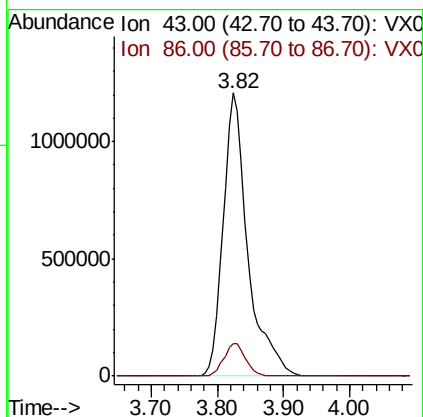
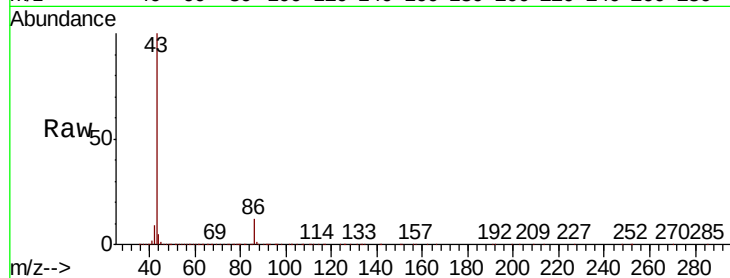
ClientSampleId :

Tot Ion: 43 Resp: 3122571

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0



#24

1,1-Dichloroethane

Concen: 52.590 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

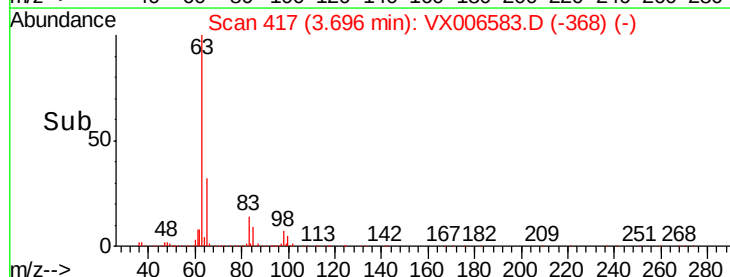
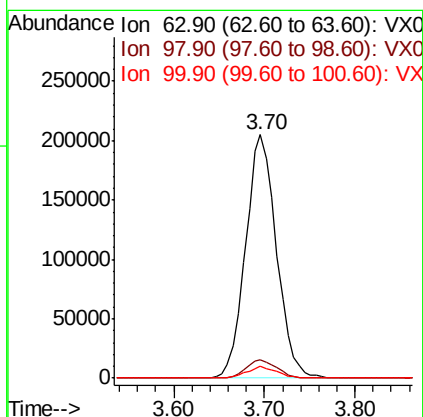
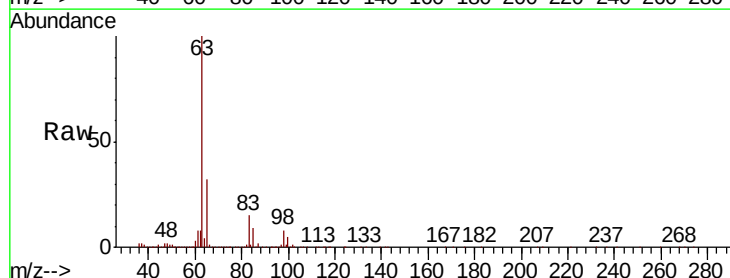
Tgt Ion: 63 Resp: 481851

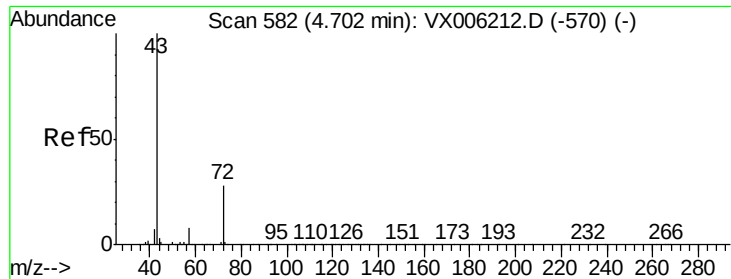
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.7 2.5 7.4

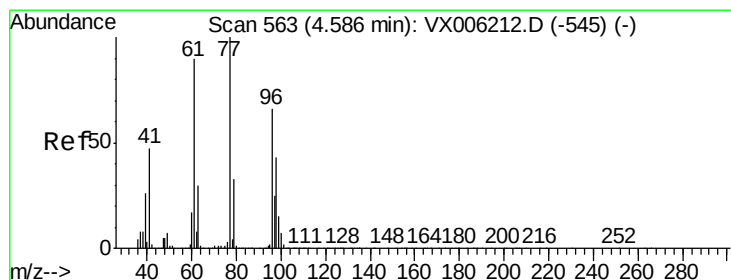
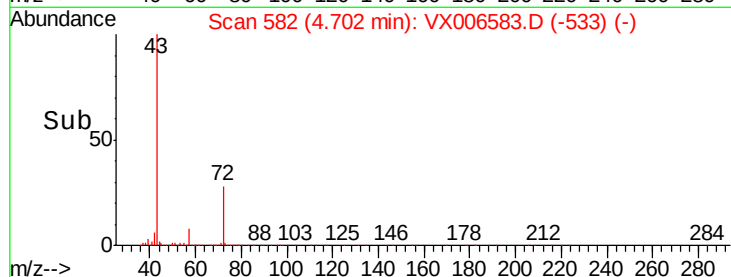
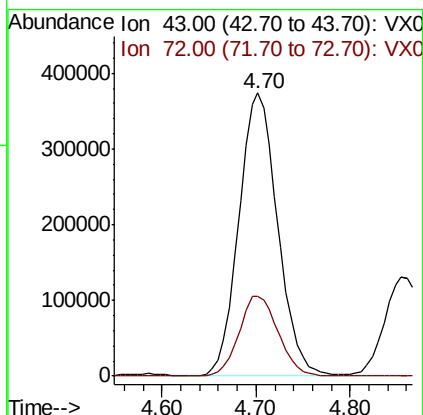
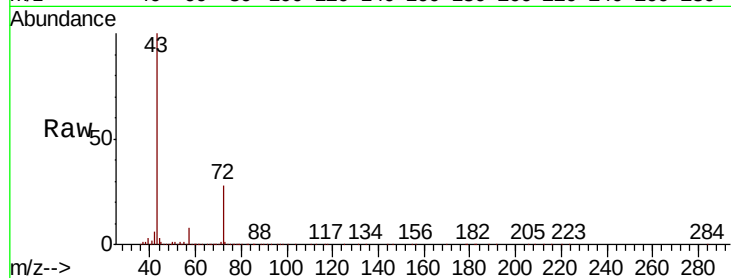




#25
2-Butanone
Concen: 273.162 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

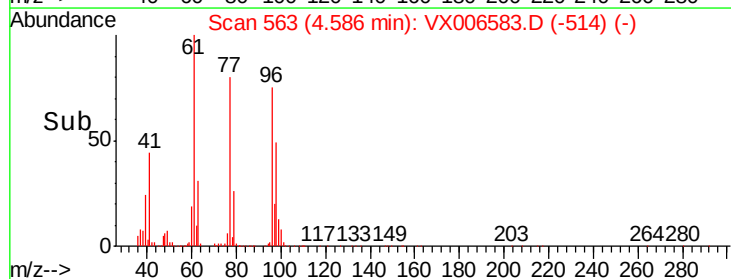
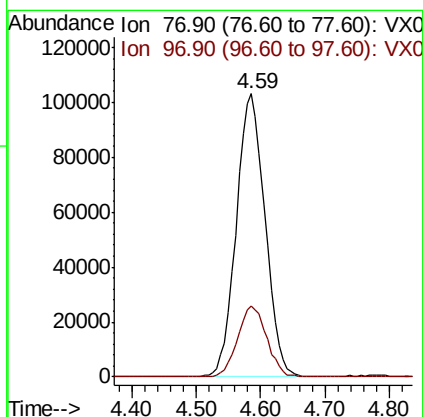
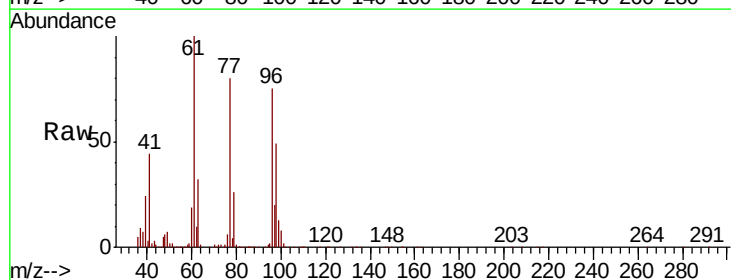
Instrument :
MSVOA_X
ClientSampleId :

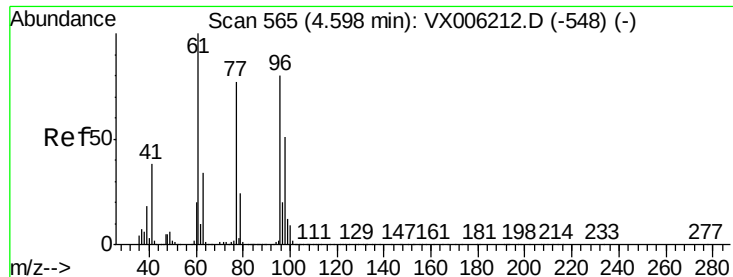
Tot Ion: 43 Resp: 1072099
Ion Ratio Lower Upper
43 100
72 28.2 22.6 33.8



#26
2,2-Dichloropropane
Concen: 37.531 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 77 Resp: 317358
Ion Ratio Lower Upper
77 100
97 25.4 12.3 36.8



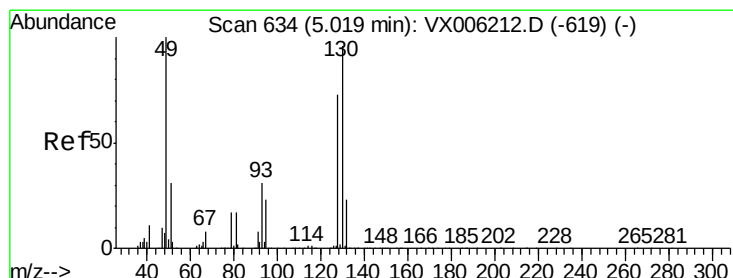
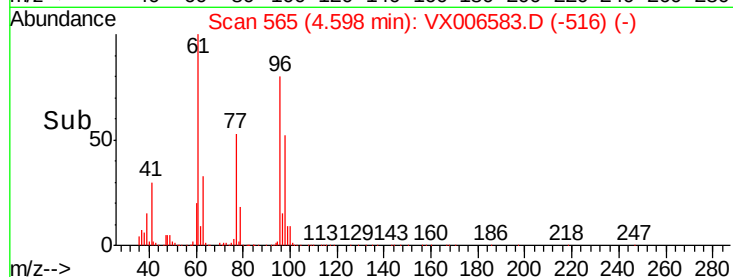
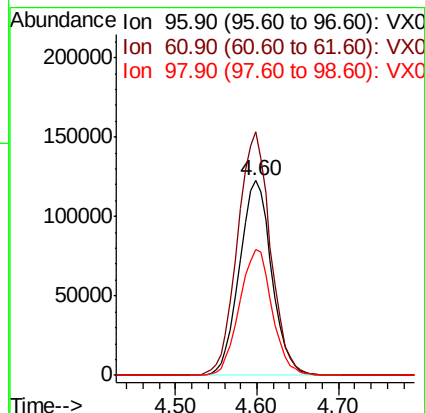
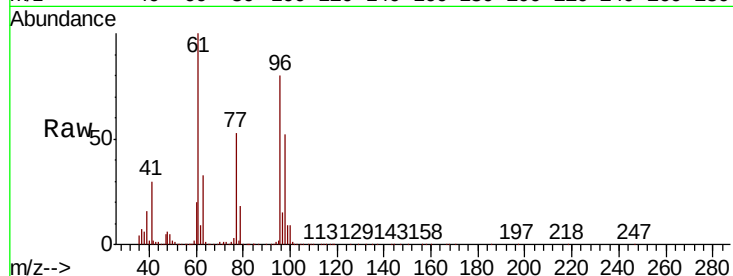


#27

cis-1,2-Dichloroethene
Concen: 54.680 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Instrument :
MSVOA_X
ClientSampleId :

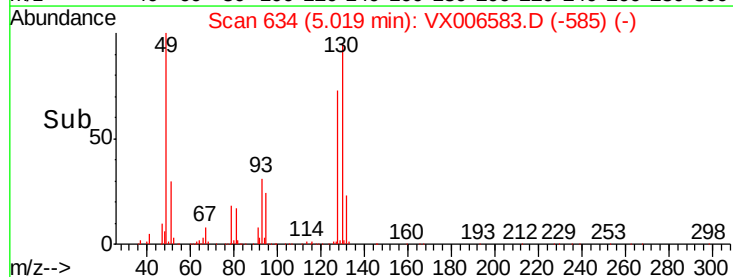
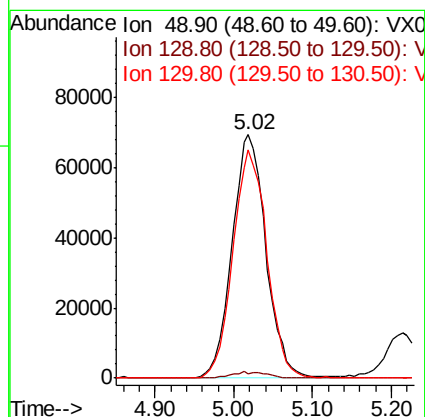
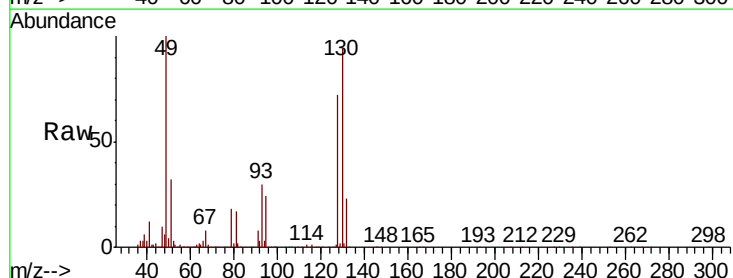
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	265.0
98	65.0	0.0	130.2

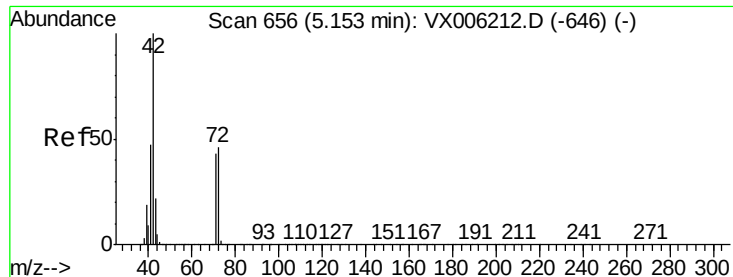


#28

Bromochloromethane
Concen: 51.606 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	94.3	78.3	117.5





#29

Tetrahydrofuran

Concen: 268.364 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

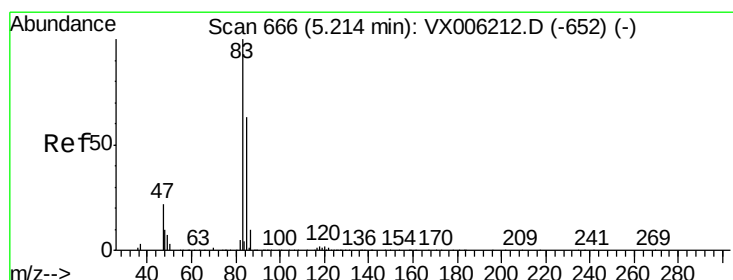
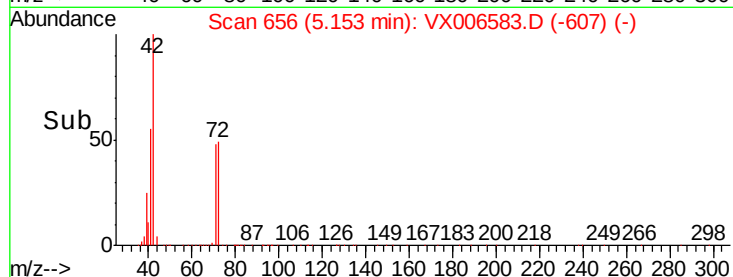
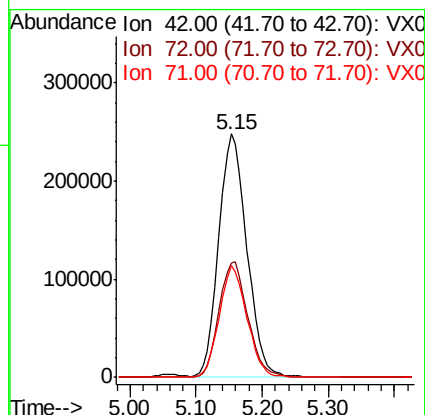
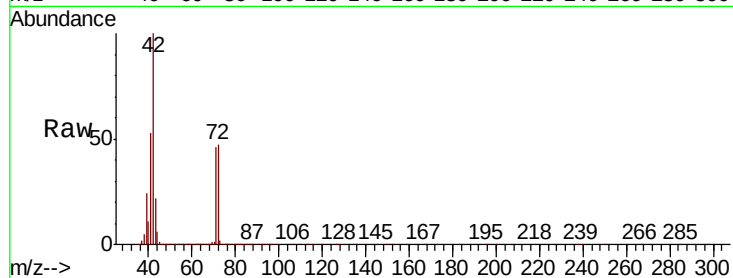
Tot Ion: 42 Resp: 732019

Ion Ratio Lower Upper

42 100

72 48.6 37.8 56.8

71 44.9 35.2 52.8



#30

Chloroform

Concen: 54.360 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006583.D

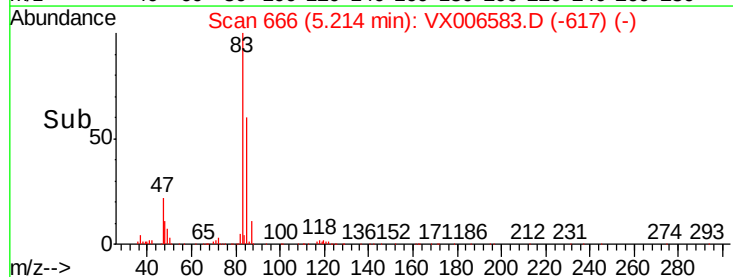
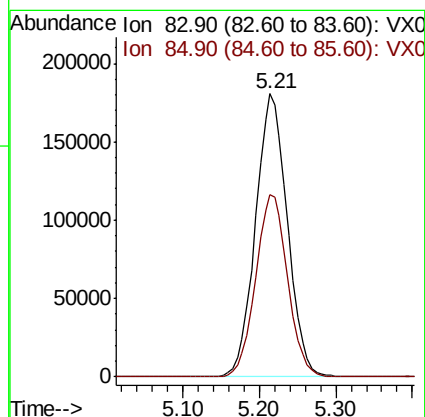
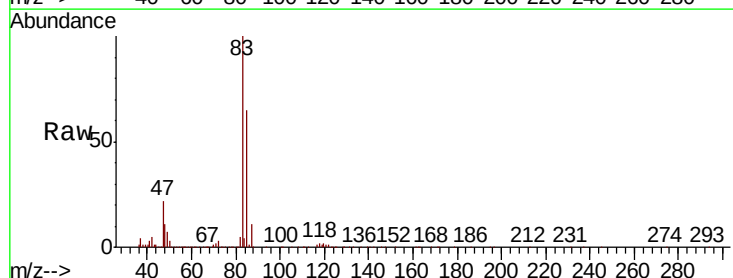
Acq: 17 Dec 2018 19:52

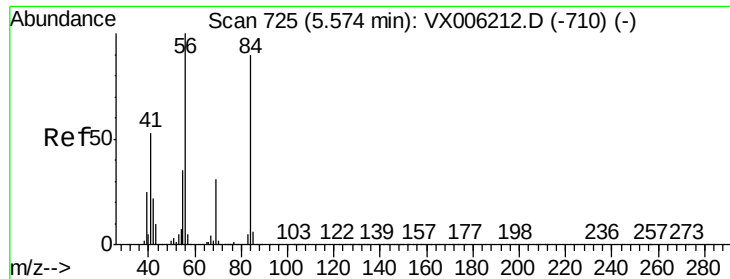
Tgt Ion: 83 Resp: 523408

Ion Ratio Lower Upper

83 100

85 64.5 50.3 75.5

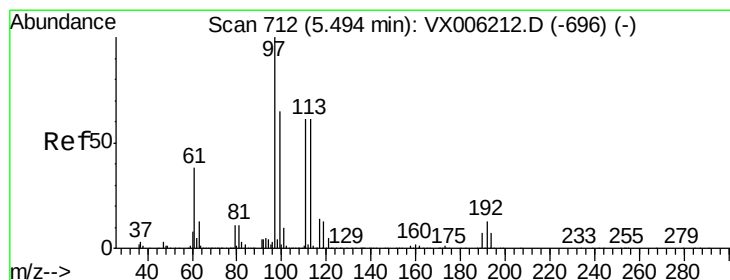
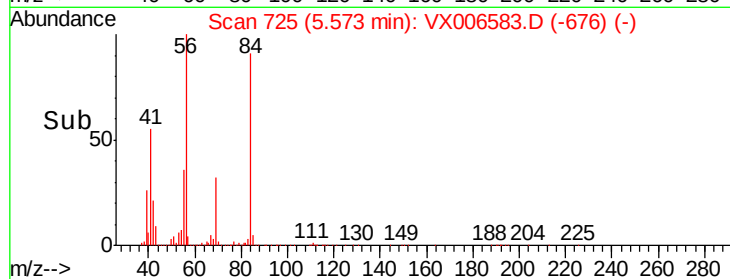
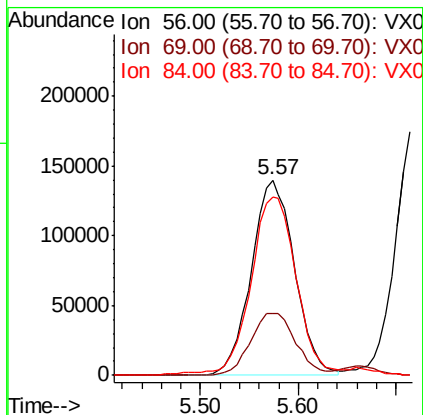
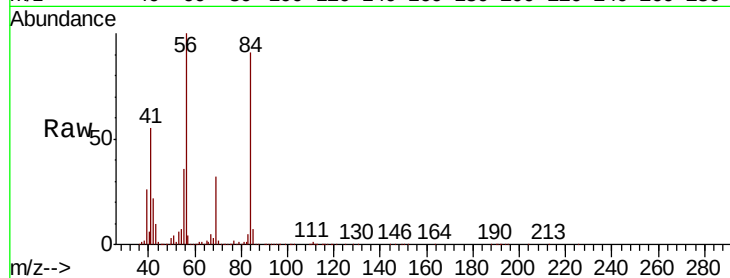




#31
Cyclohexane
Concen: 50.672 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

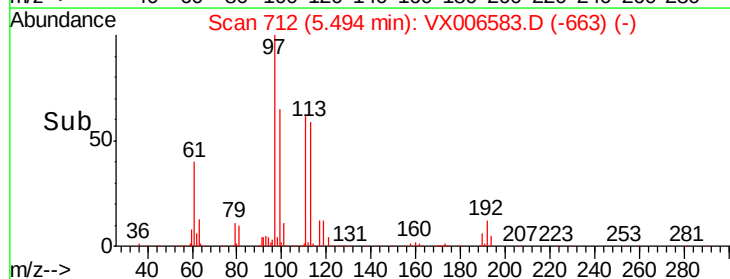
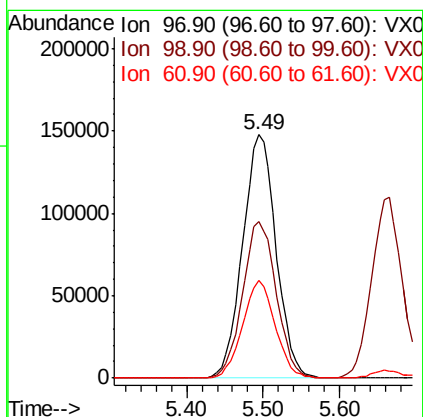
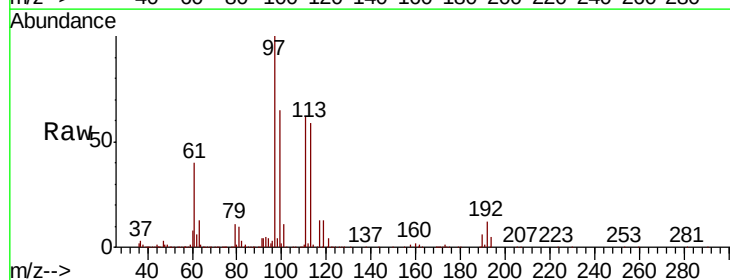
Instrument :
MSVOA_X
ClientSampleId :

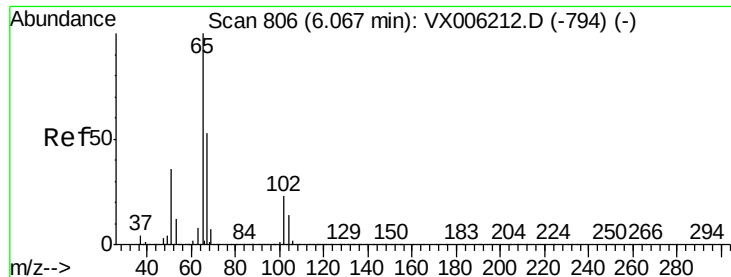
Tot Ion: 56 Resp: 429063
Ion Ratio Lower Upper
56 100
69 31.8 24.5 36.7
84 89.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.119 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 97 Resp: 449997
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 39.3 30.6 46.0

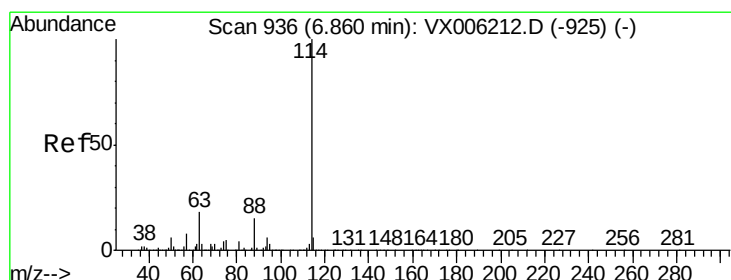
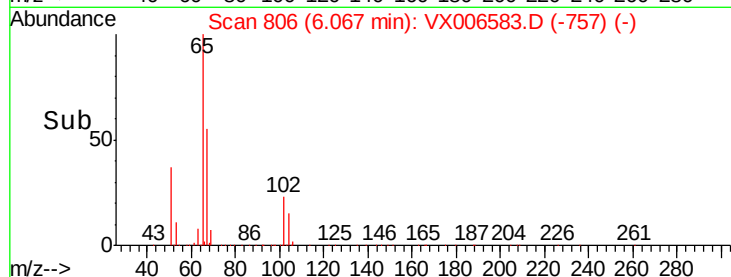
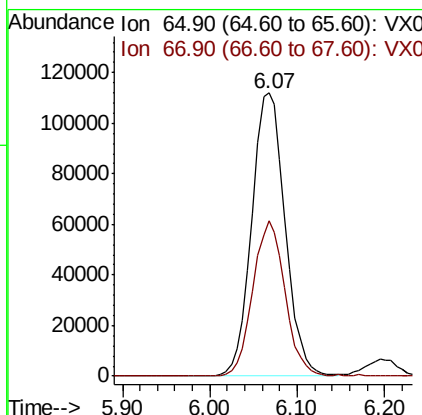
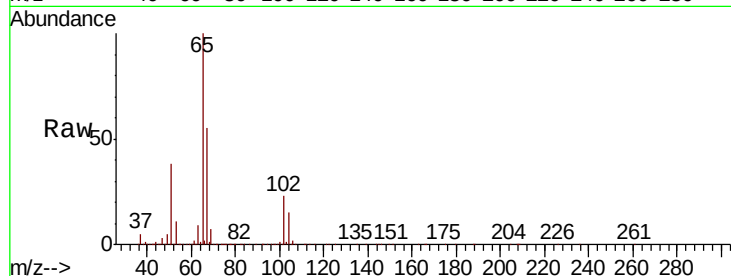




#33
 1,2-Dichloroethane-d4
 Concen: 50.691 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

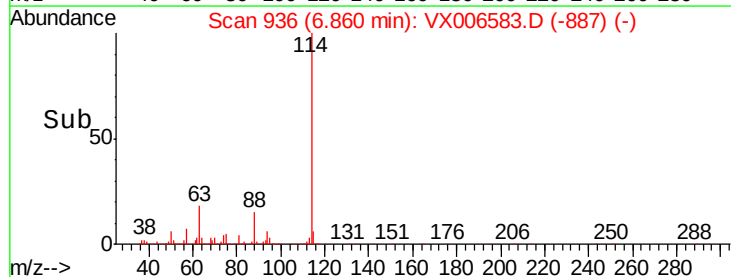
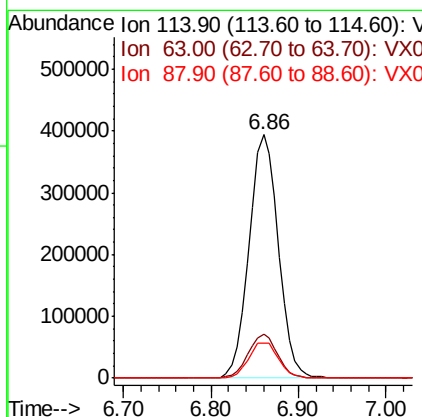
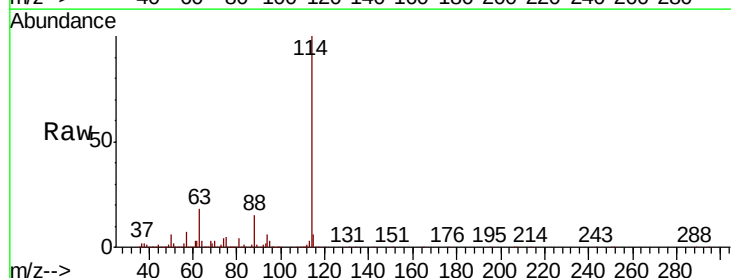
Instrument :
 MSVOA_X
 ClientSampleId :

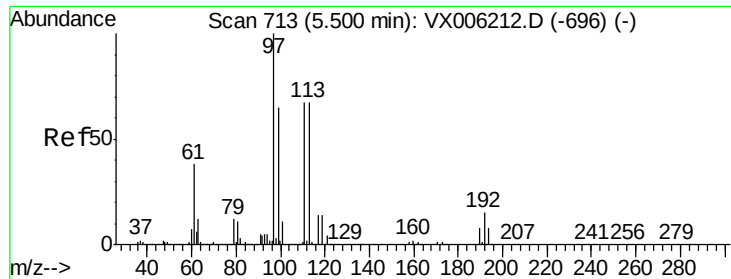
Tot Ion: 65 Resp: 297112
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion: 114 Resp: 915965
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.6
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.546 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

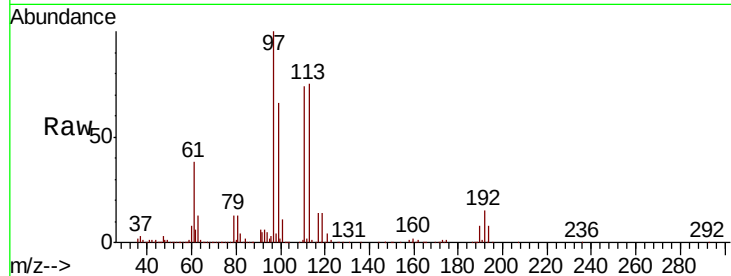
Tot Ion:113 Resp: 270112

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

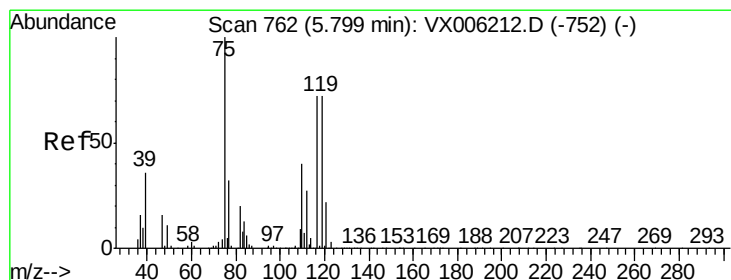
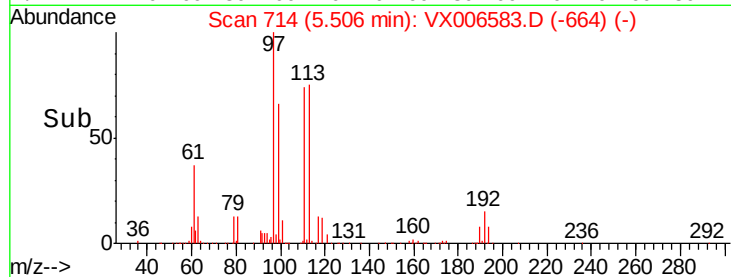
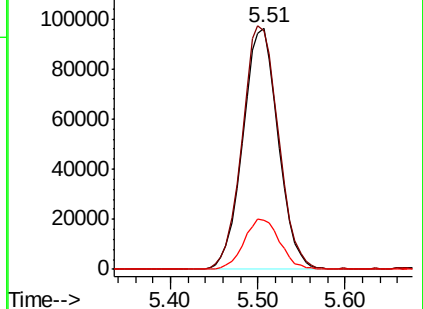
192 21.3 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.321 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

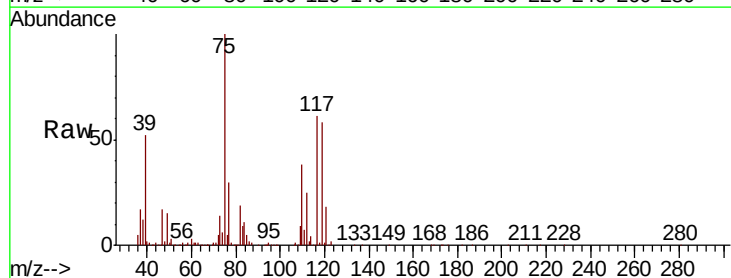
Tgt Ion: 75 Resp: 380434

Ion Ratio Lower Upper

75 100

110 39.6 20.4 61.3

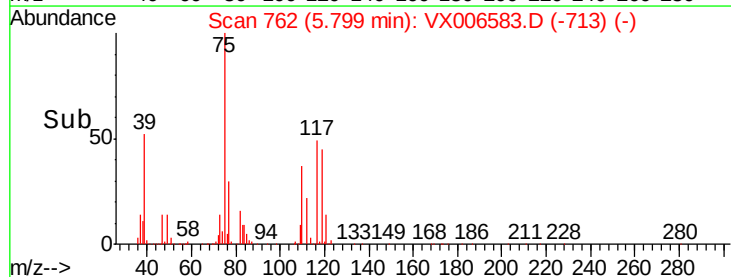
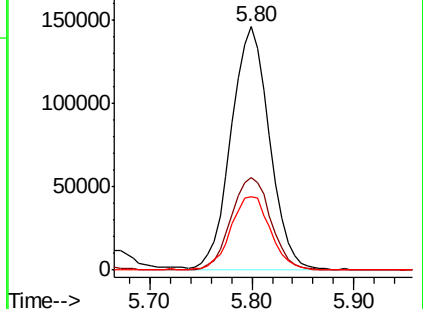
77 31.4 24.9 37.3

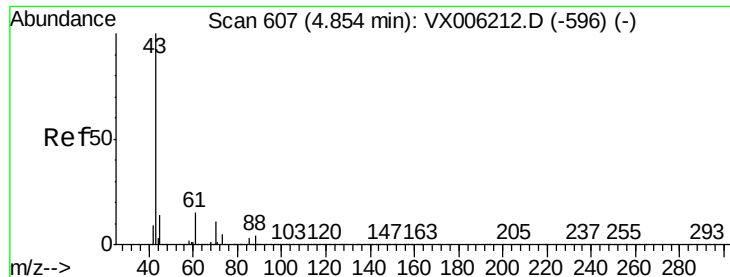


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

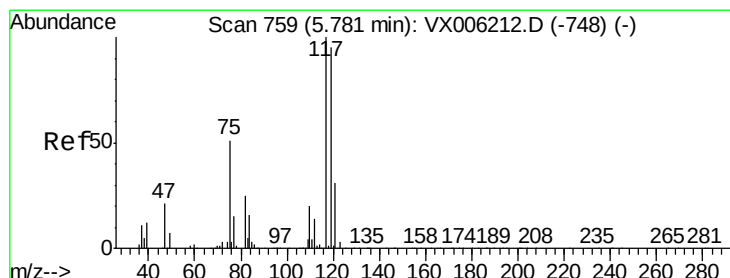
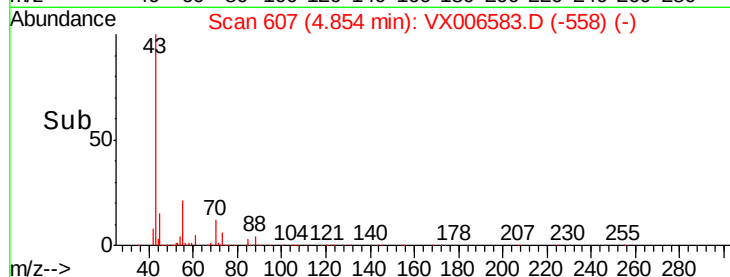
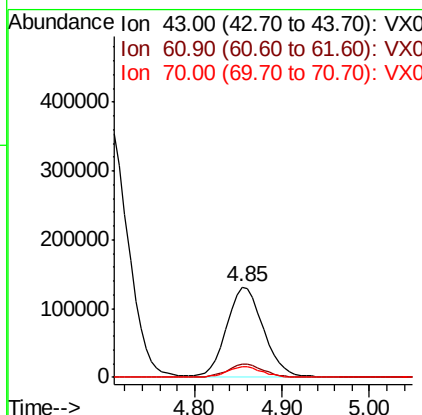
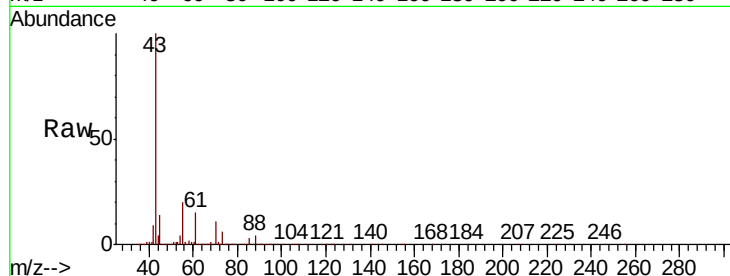




#37
Ethyl Acetate
Concen: 44.392 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

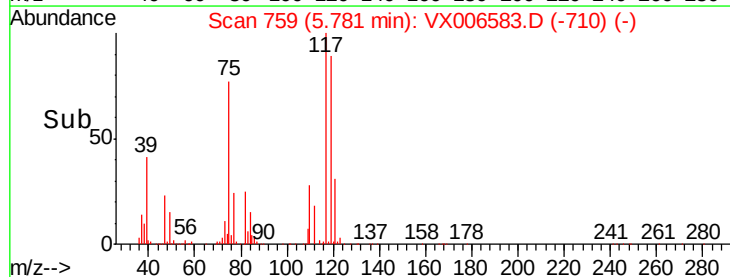
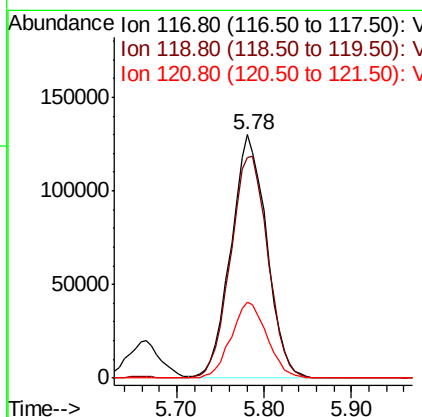
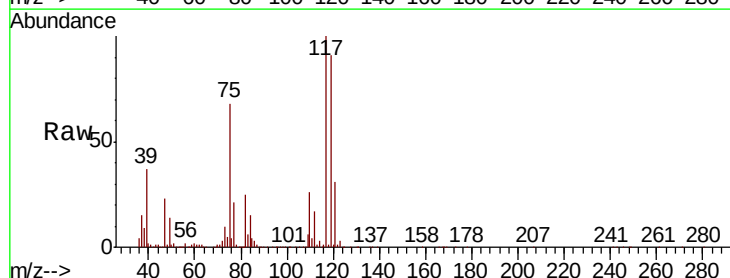
Instrument :
MSVOA_X
ClientSampled :

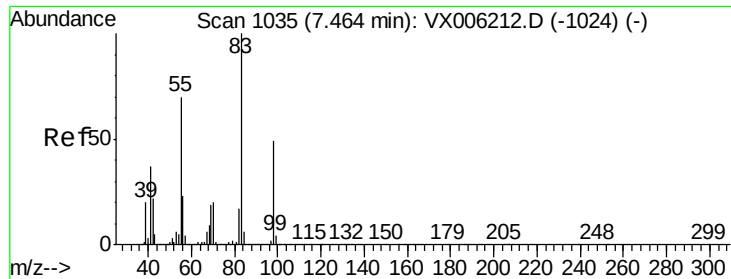
Tot Ion	43	Resp	383458
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	11.5	9.0	13.6



#38
Carbon Tetrachloride
Concen: 40.615 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	117	Resp	368549
Ion Ratio	Lower	Upper	
117	100		
119	90.5	75.8	113.8
121	31.3	24.6	37.0

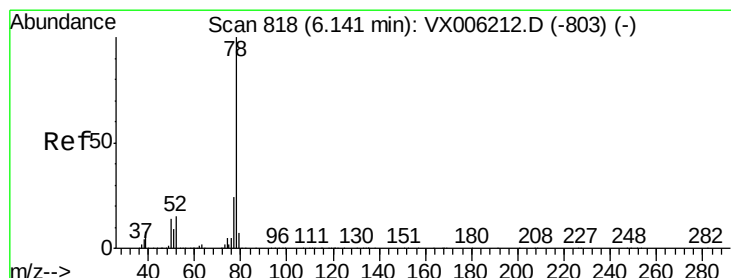
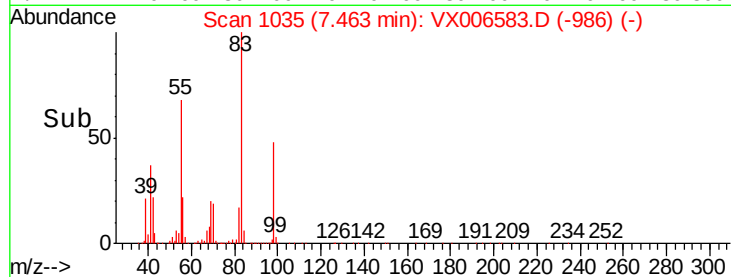
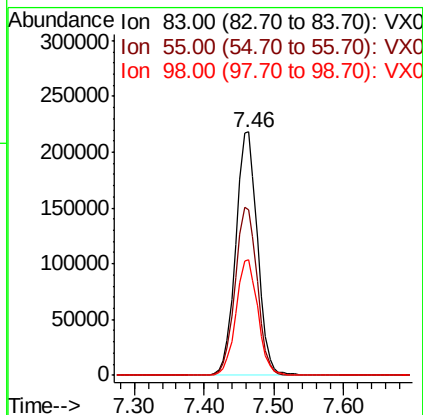
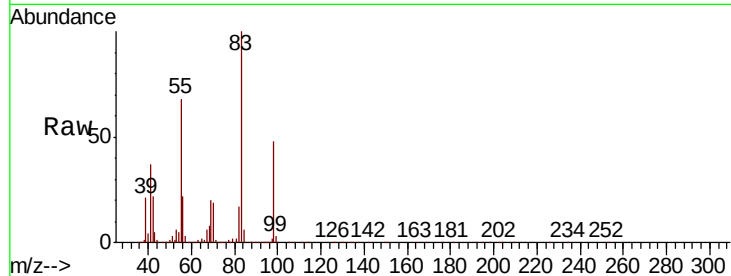




#39
Methylvlcyclohexane
Concen: 47.006 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

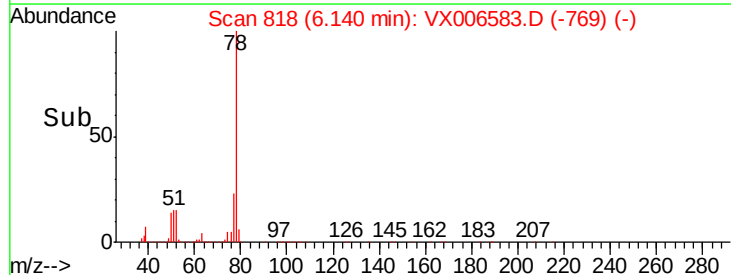
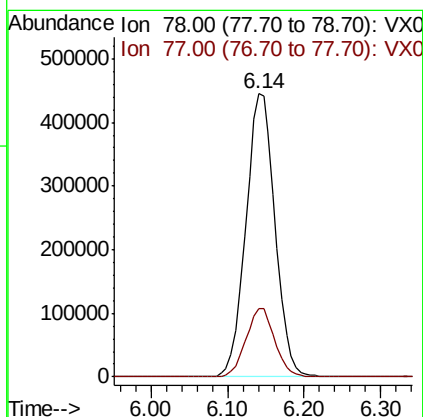
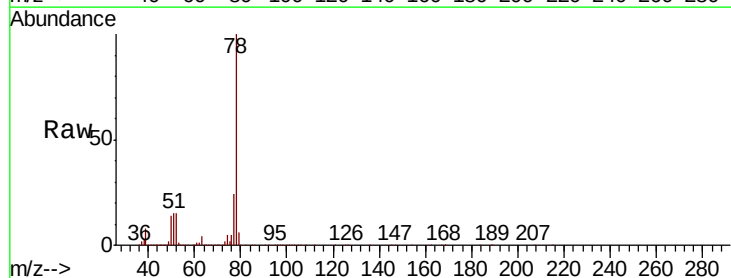
Instrument :
MSVOA_X
ClientSampleId :

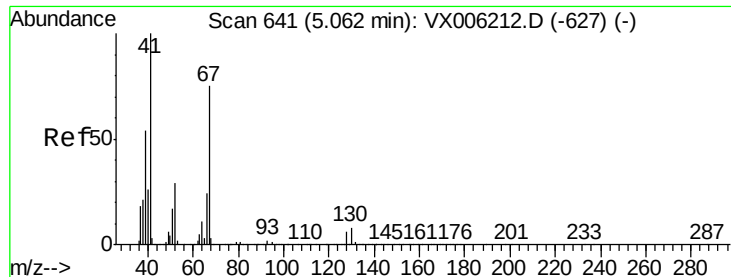
Tot Ion: 83 Resp: 470640
Ion Ratio Lower Upper
83 100
55 67.7 56.4 84.6
98 47.6 39.0 58.6



#40
Benzene
Concen: 50.986 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 78 Resp: 1177892
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8





#41

Methacrylonitrile

Concen: 48.516 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 230600

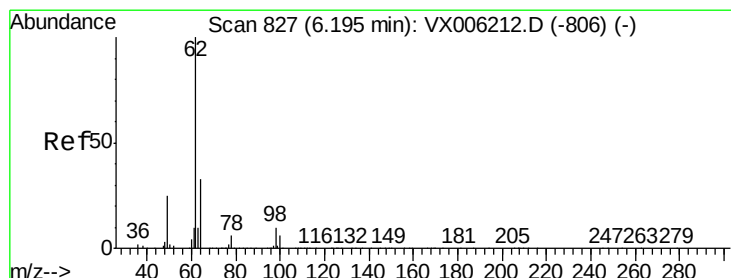
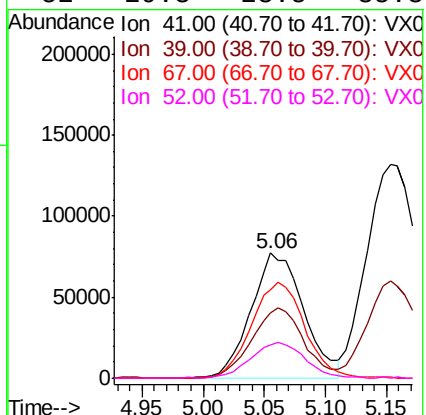
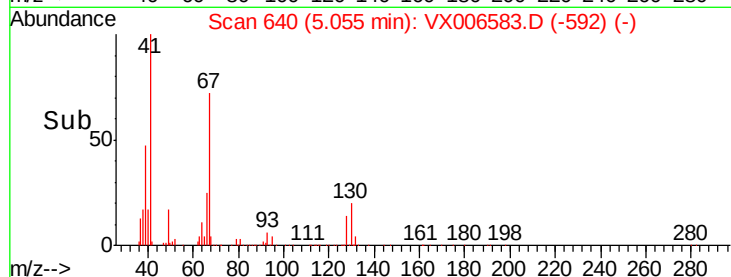
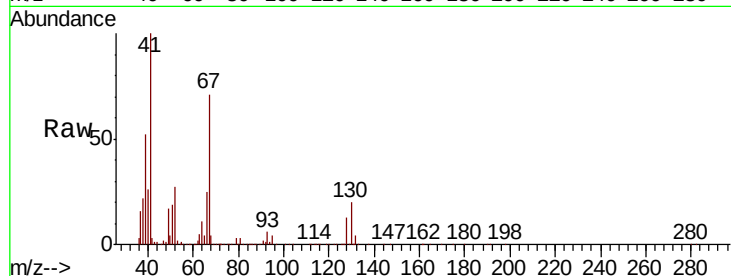
Ion Ratio Lower Upper

41 100

39 55.6 44.0 66.0

67 78.1 61.4 92.0

52 29.3 23.5 35.3



#42

1,2-Dichloroethane

Concen: 52.461 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006583.D

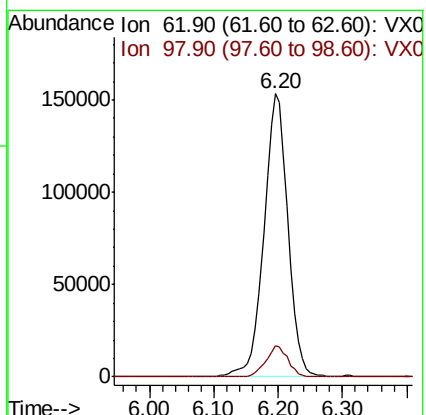
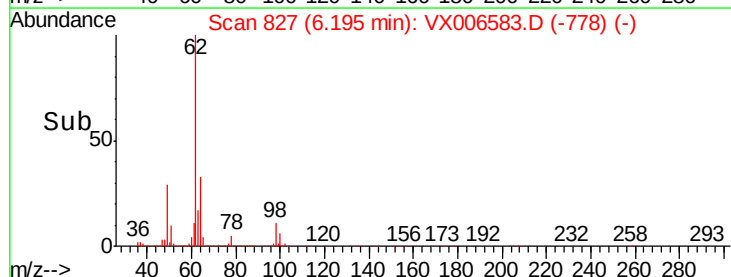
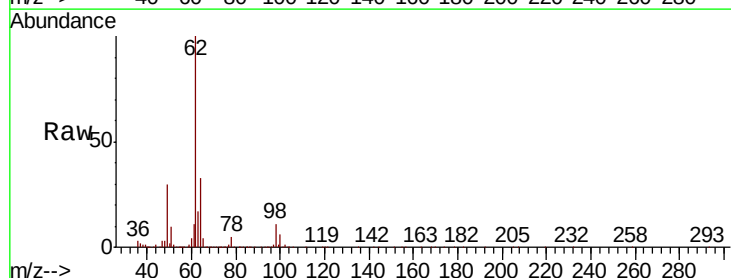
Acq: 17 Dec 2018 19:52

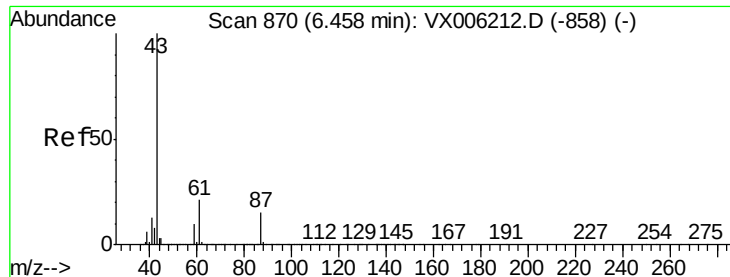
Tgt Ion: 62 Resp: 396655

Ion Ratio Lower Upper

62 100

98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 42.953 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

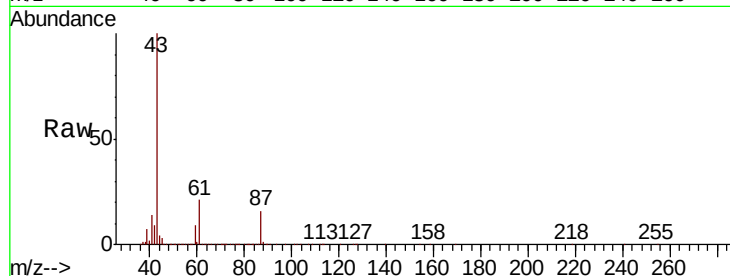
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 618607

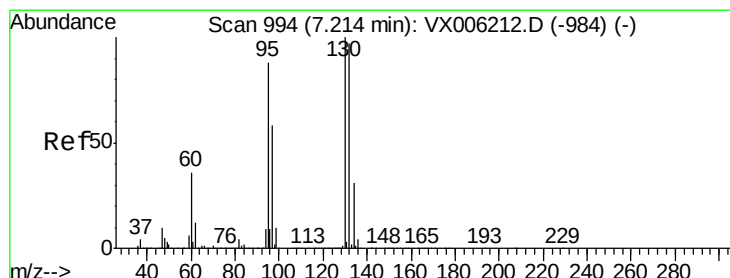
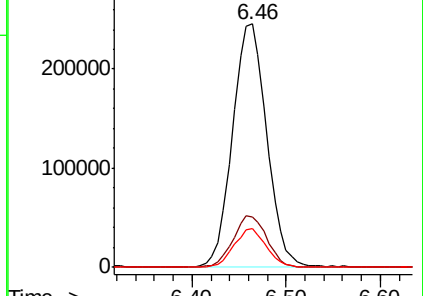
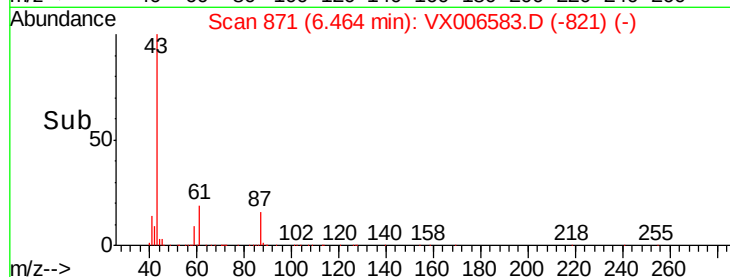
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.3	11.9	17.9



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: 166.267 ug/l

RT: 7.21 min Scan# 994

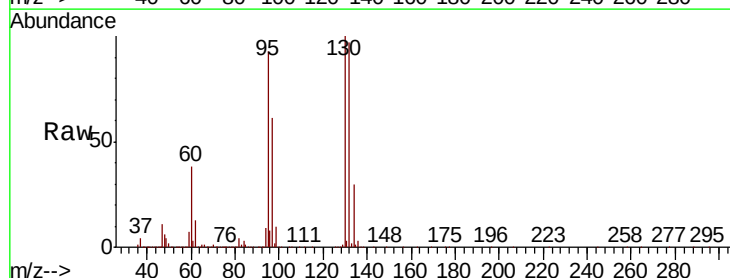
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

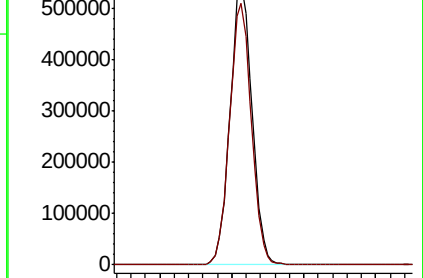
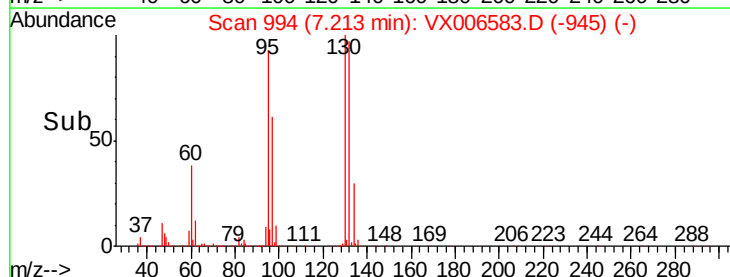
Tgt Ion:130 Resp: 1163648

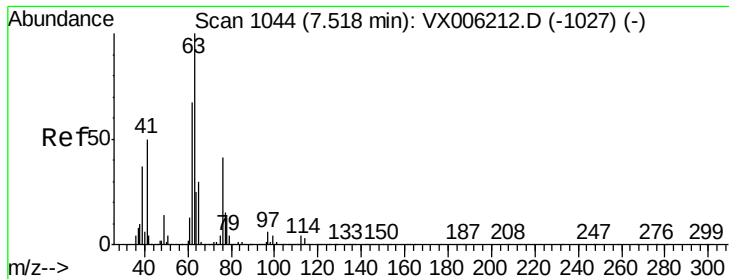
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

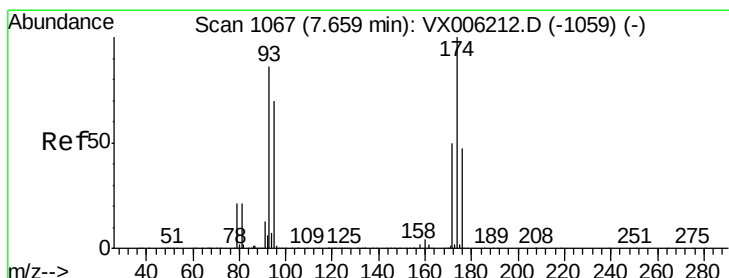
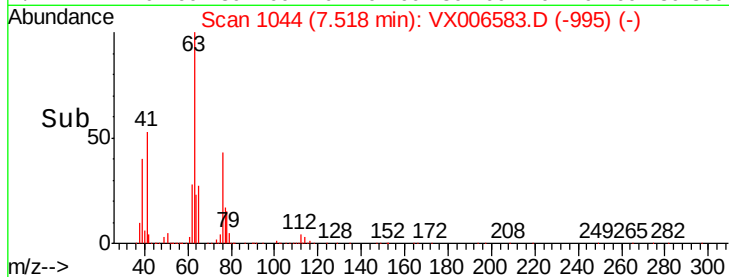
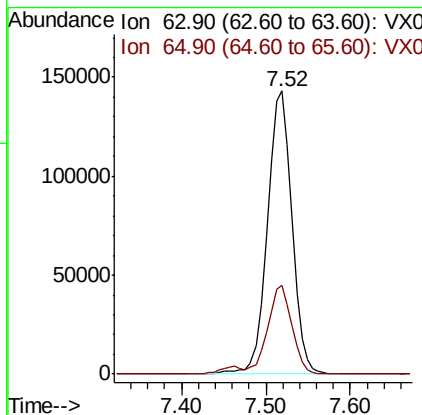
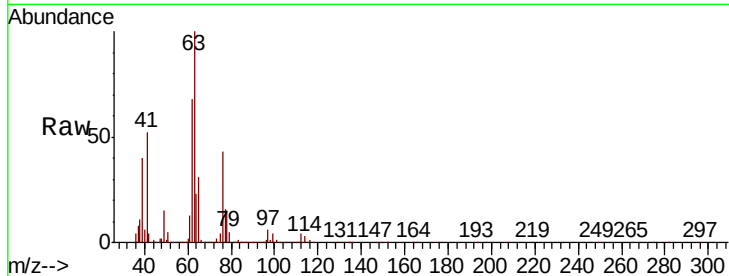




#45
 1,2-Dichloropropane
 Concen: 49.088 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

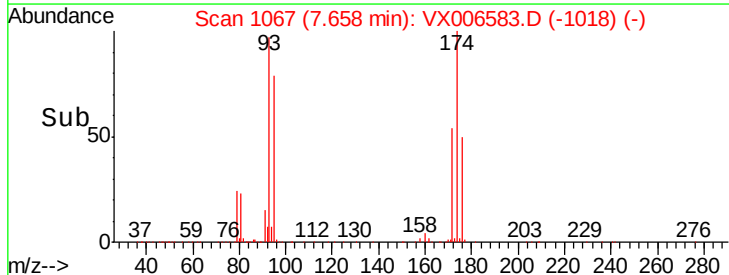
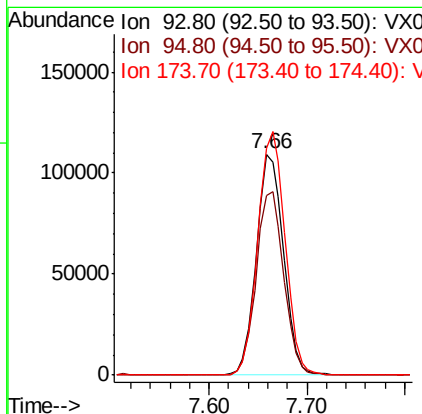
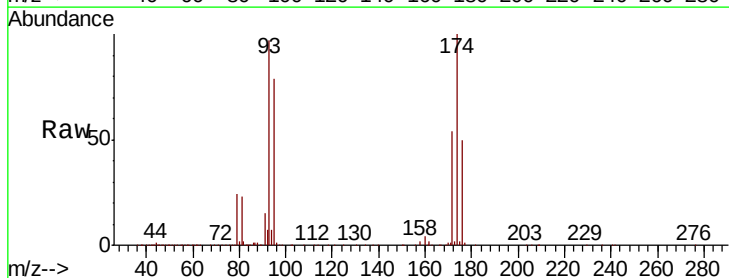
Instrument :
 MSVOA_X
 ClientSampleId :

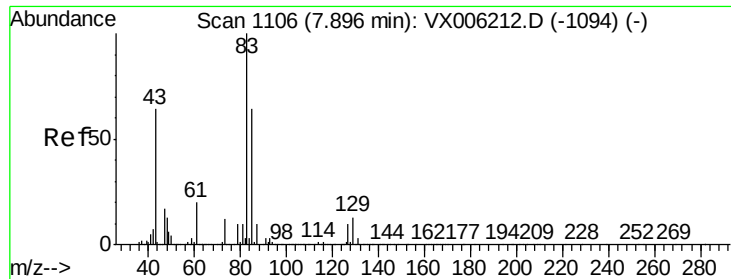
Tot Ion: 63 Resp: 288217
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 49.881 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion: 93 Resp: 211521
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.2 99.4
 174 110.9 97.2 145.8





#47

Bromodichloromethane

Concen: 44.094 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

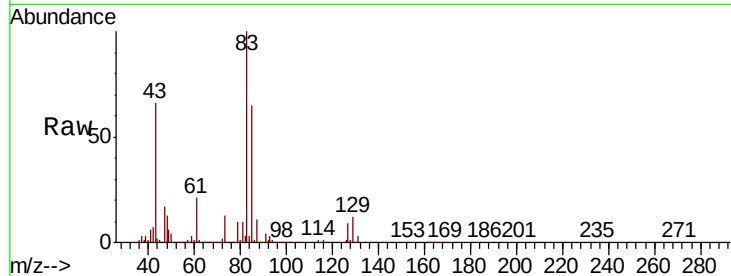
Tot Ion: 83 Resp: 362094

Ion Ratio Lower Upper

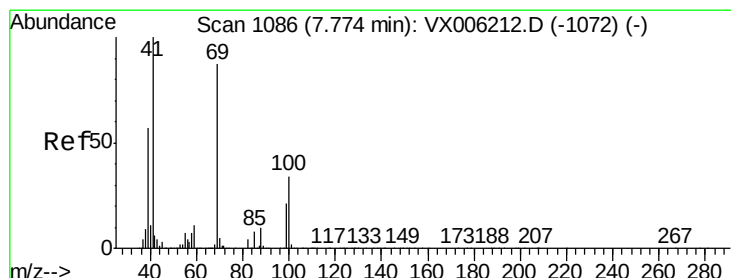
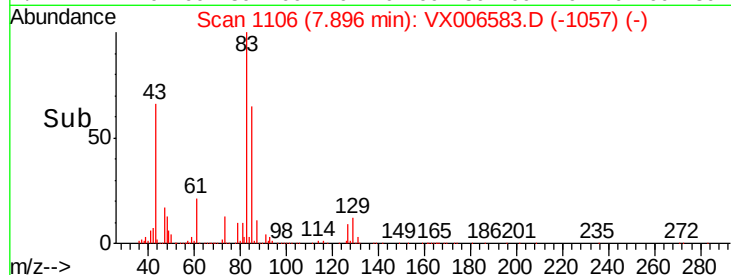
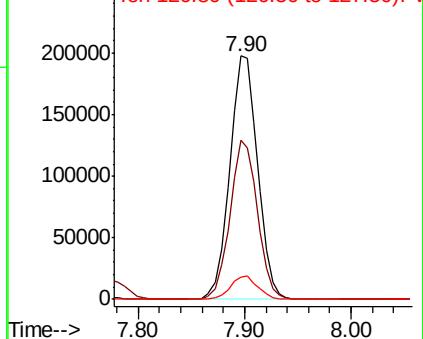
83 100

85 65.4 51.4 77.0

127 9.4 7.9 11.9



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: 45.800 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

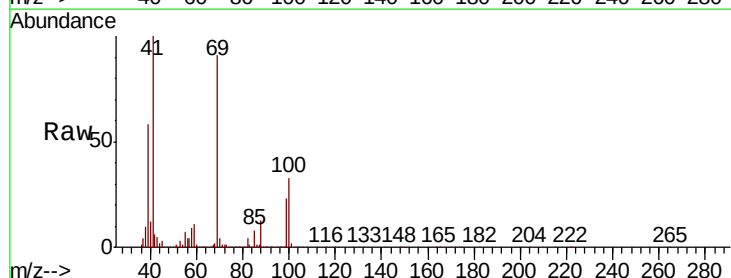
Tgt Ion: 41 Resp: 320889

Ion Ratio Lower Upper

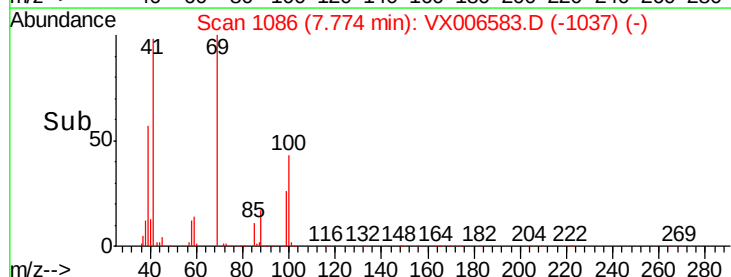
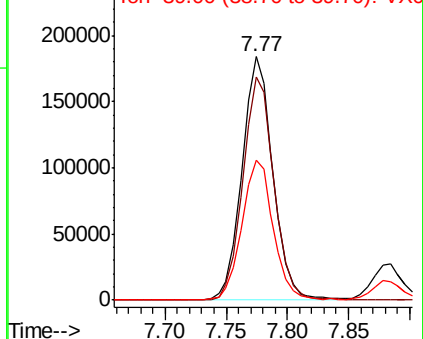
41 100

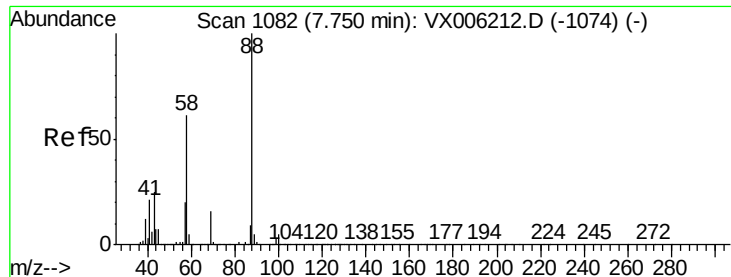
69 92.2 70.3 105.5

39 58.2 45.3 67.9



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

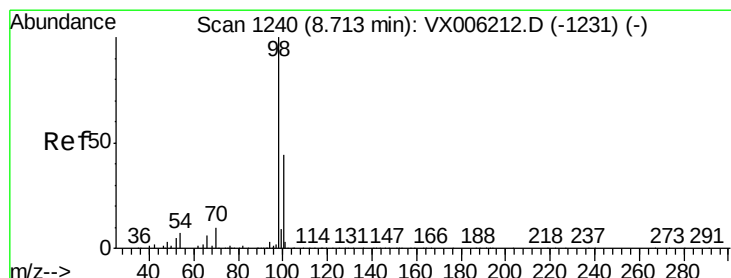
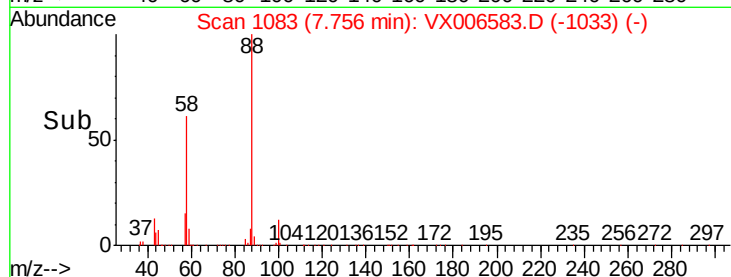
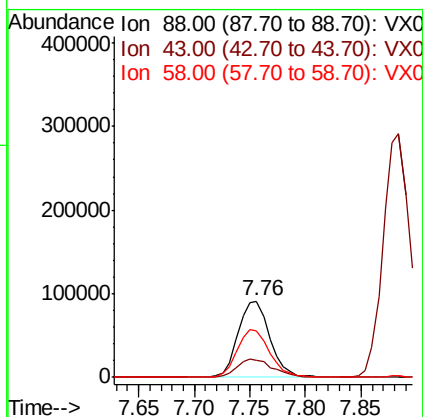
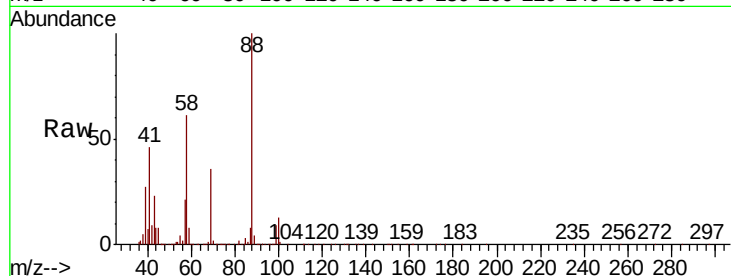




#49
1,4-Dioxane
Concen: 1045.037 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

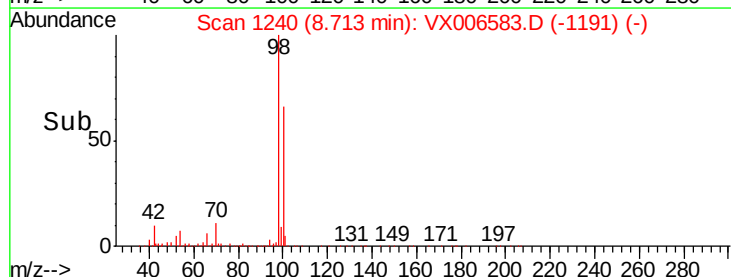
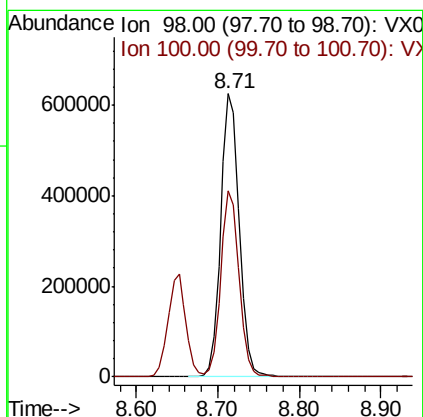
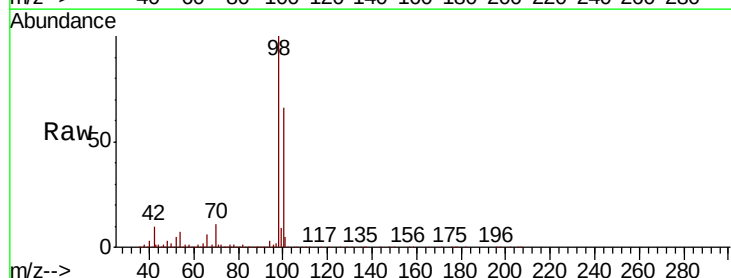
Instrument :
MSVOA_X
ClientSampleId :

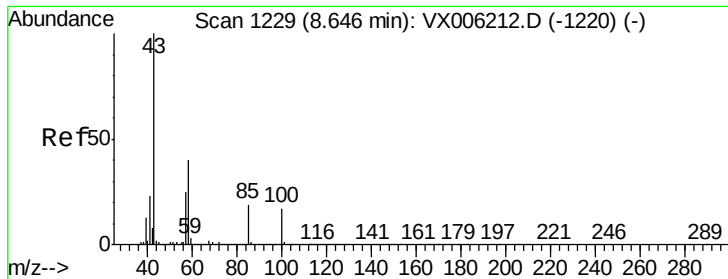
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.2	34.8
58	64.0	51.4	77.0



#50
Toluene-d8
Concen: 45.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 244.020 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

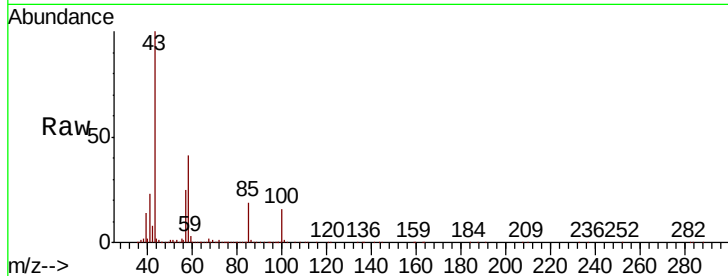
ClientSampleId :

Tot Ion: 43 Resp: 2045870

Ion Ratio Lower Upper

43 100

58 40.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

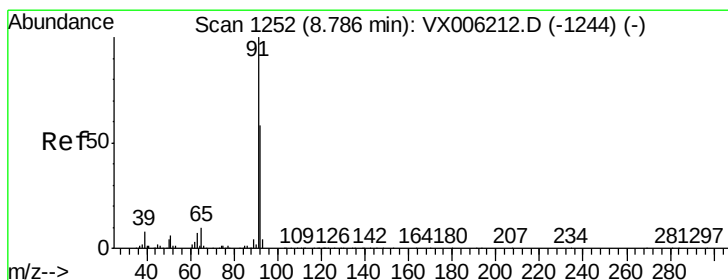
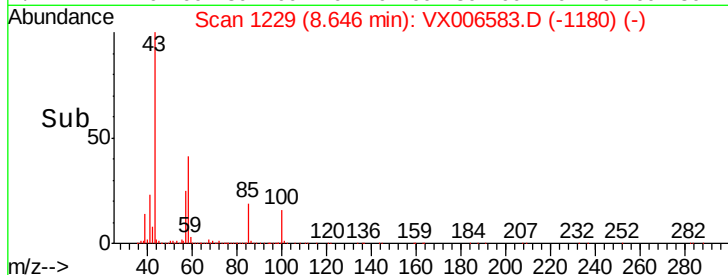
8.65

1000000

500000

0

Time-->



#52

Toluene

Concen: 51.254 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006583.D

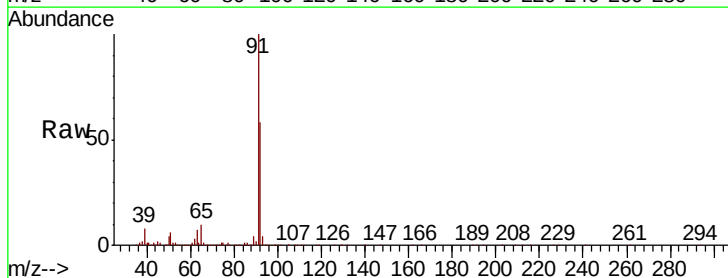
Acq: 17 Dec 2018 19:52

Tgt Ion: 92 Resp: 779001

Ion Ratio Lower Upper

92 100

91 172.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

8.79

800000

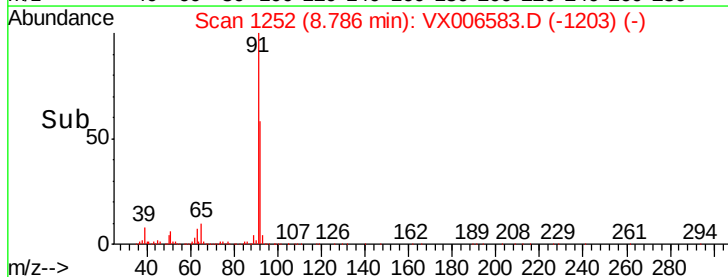
600000

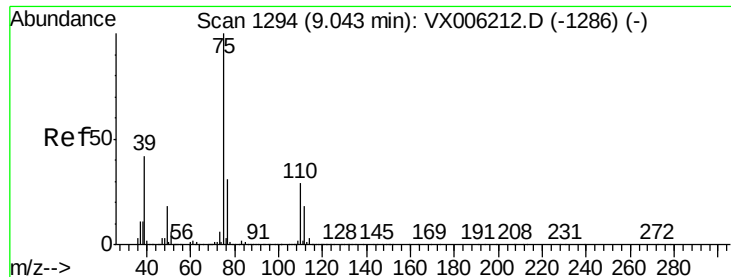
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 40.354 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

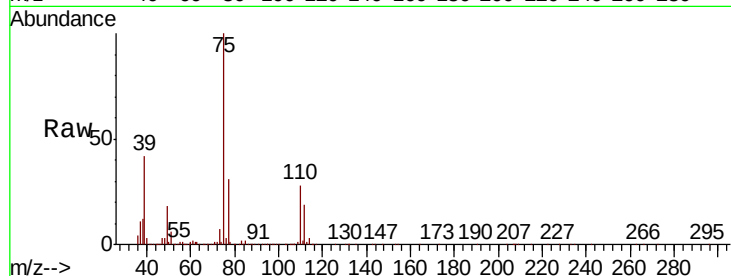
ClientSampleId :

Tot Ion: 75 Resp: 387551

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

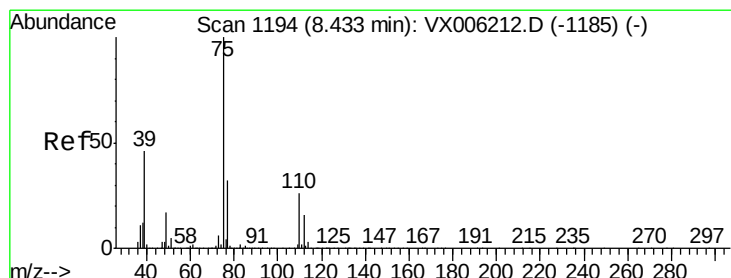
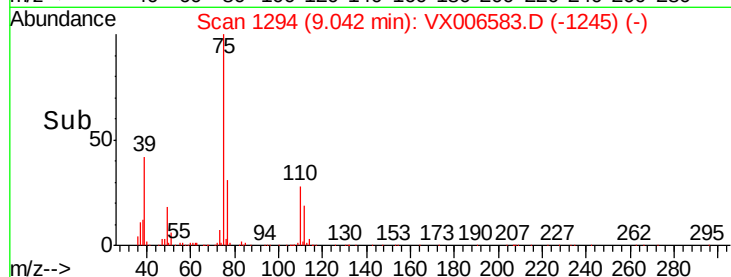
300000

200000

100000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 43.022 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

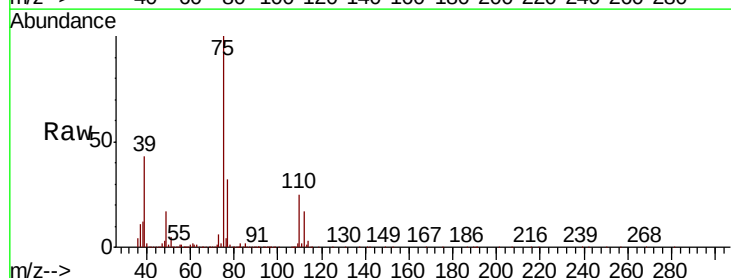
Tgt Ion: 75 Resp: 429038

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 43.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

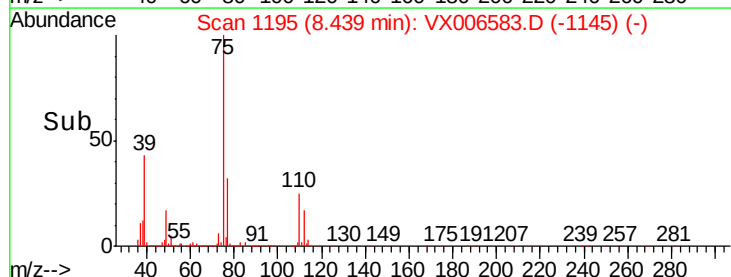
300000

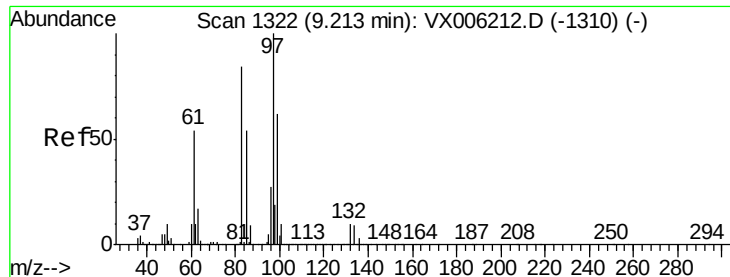
200000

100000

0

Time--> 8.30 8.40 8.50

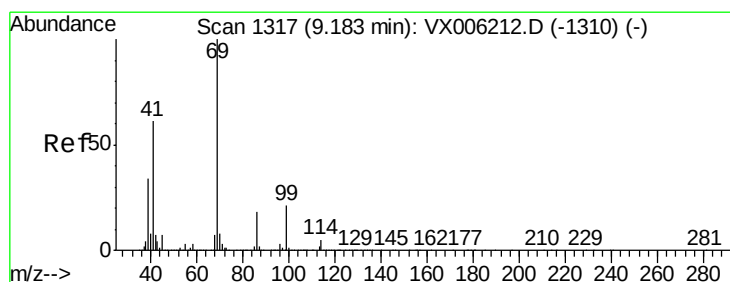
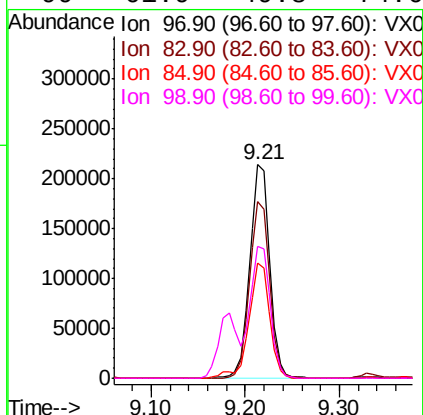
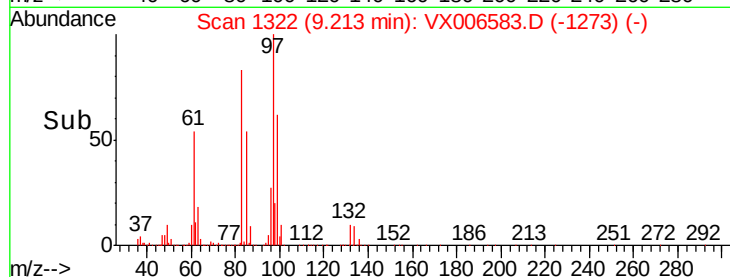
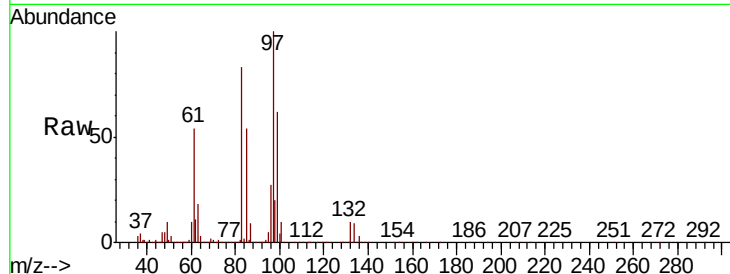




#55
 1,1,2-Trichloroethane
 Concen: 51.605 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

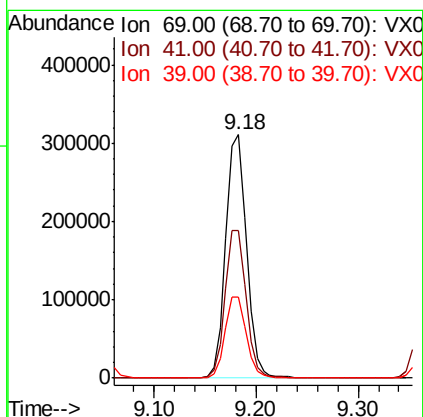
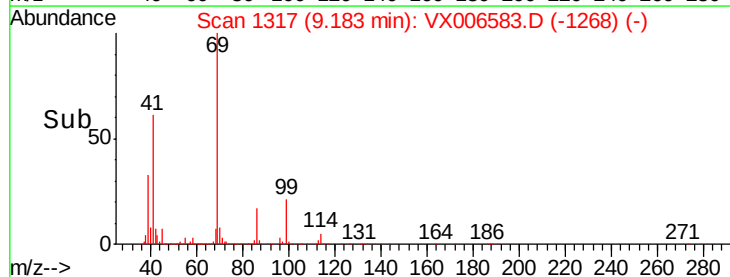
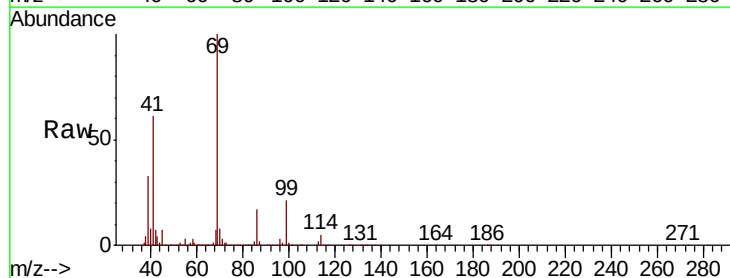
Instrument :
 MSVOA_X
 ClientSampleId :

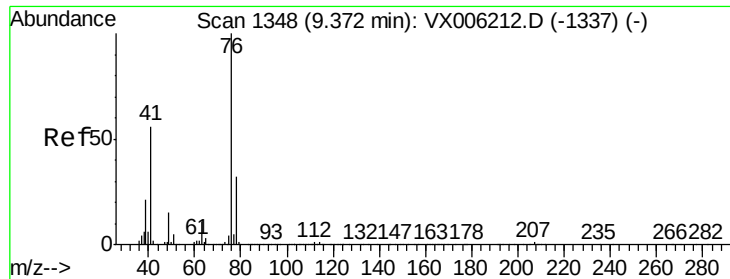
Tot Ion:	97	Resp:	318640
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.1	100.7
85	54.1	43.2	64.8
99	61.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 45.675 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion:	69	Resp:	440902
Ion	Ratio	Lower	Upper
69	100		
41	61.0	50.6	76.0
39	34.1	27.6	41.4

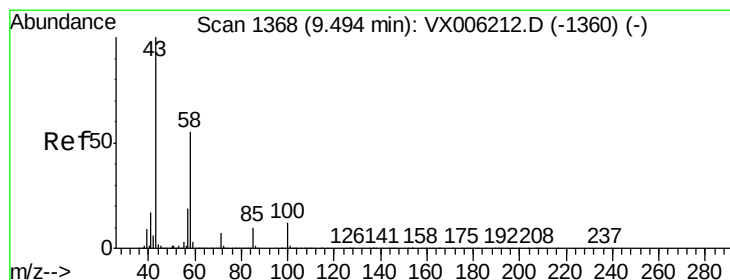
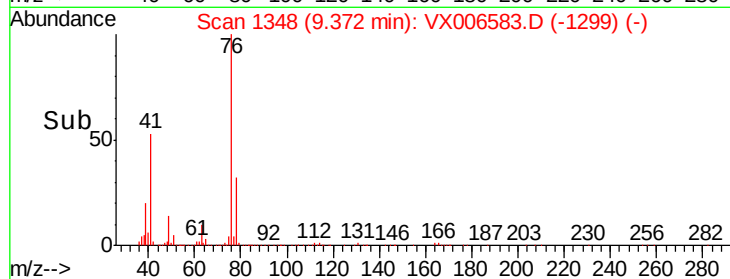
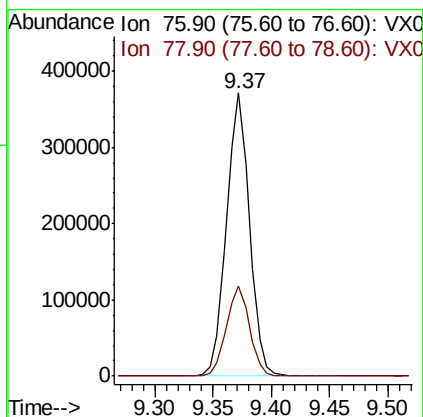
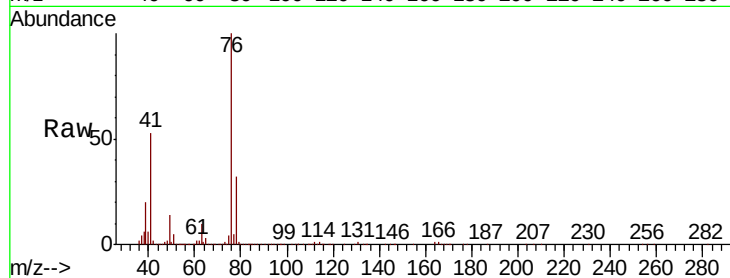




#57
 1,3-Dichloropropane
 Concen: 52.148 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

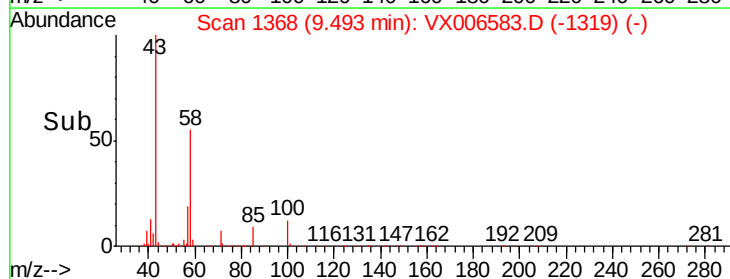
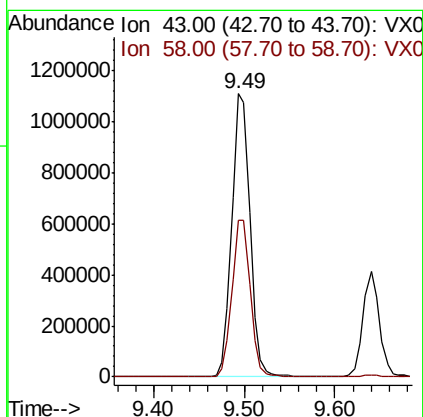
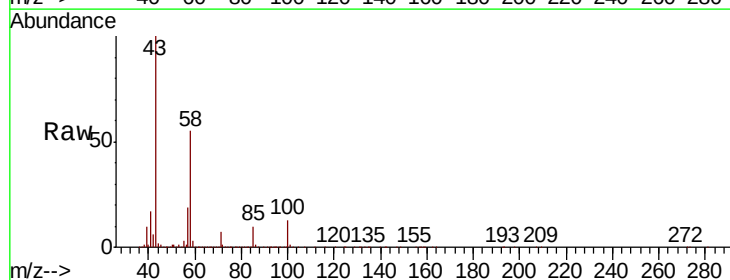
Instrument :
 MSVOA_X
 ClientSampleId :

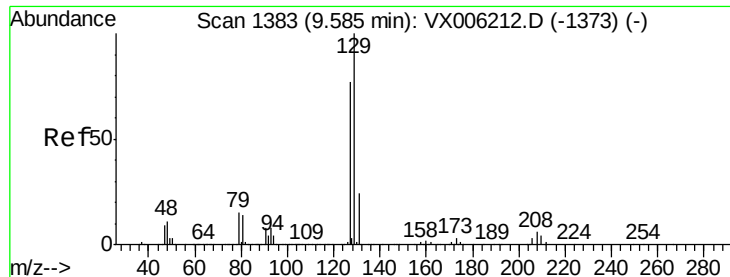
Tot Ion: 76 Resp: 509168
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#59
 2-Hexanone
 Concen: 242.535 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion: 43 Resp: 1553539
 Ion Ratio Lower Upper
 43 100
 58 56.0 27.7 83.1





#60

Dibromochloromethane

Concen: 40.110 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

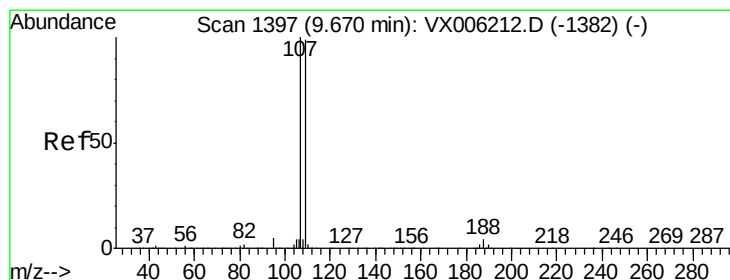
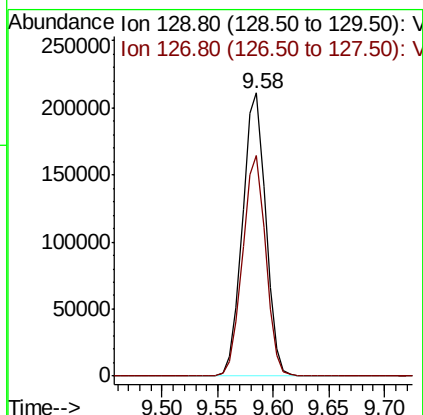
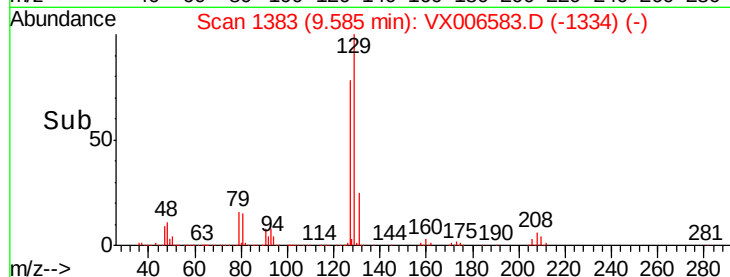
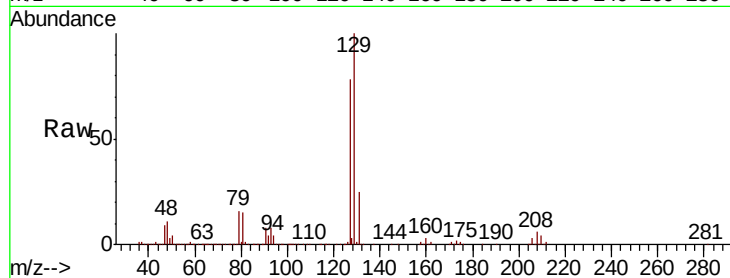
ClientSampled :

Tot Ion:129 Resp: 305391

Ion Ratio Lower Upper

129 100

127 77.6 38.6 115.8



#61

1,2-Dibromoethane

Concen: 50.108 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006583.D

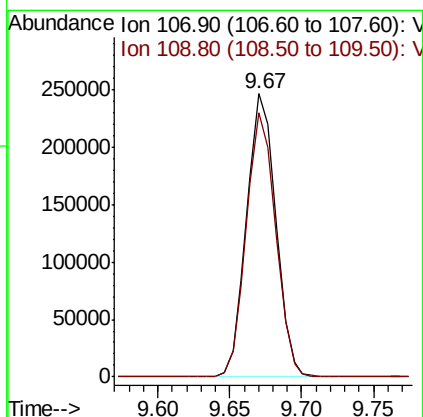
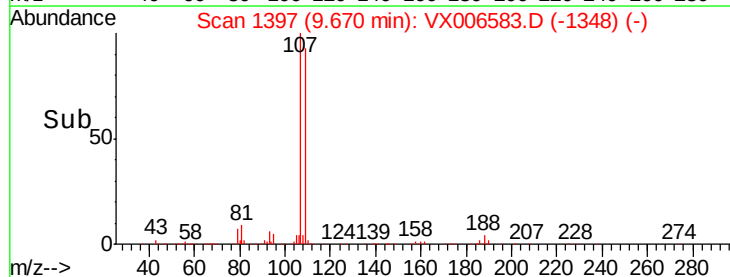
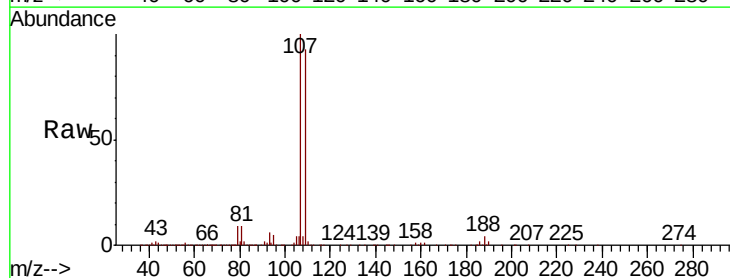
Acq: 17 Dec 2018 19:52

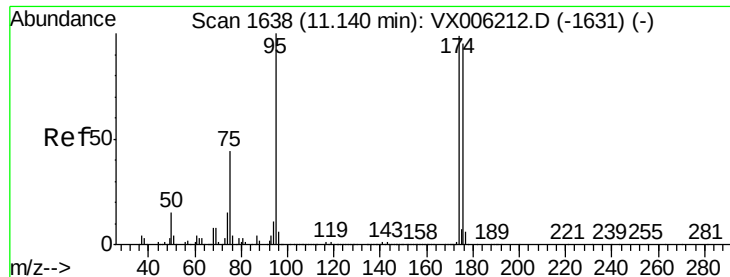
Tgt Ion:107 Resp: 345955

Ion Ratio Lower Upper

107 100

109 94.1 76.3 114.5





#62

4-Bromofluorobenzene

Concen: 45.425 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

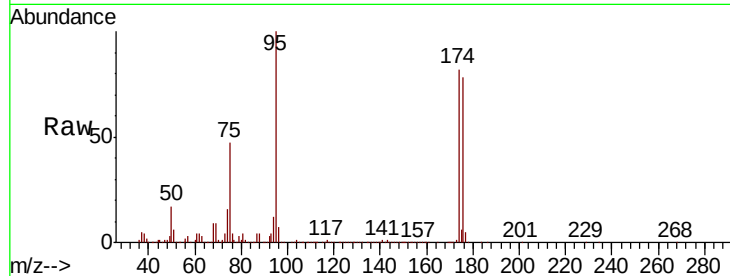
Tot Ion: 95 Resp: 369253

Ion Ratio Lower Upper

95 100

174 89.0 0.0 187.0

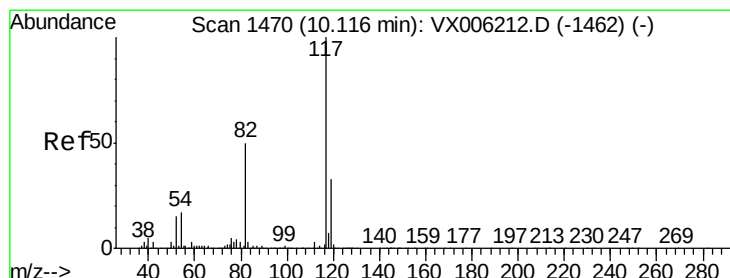
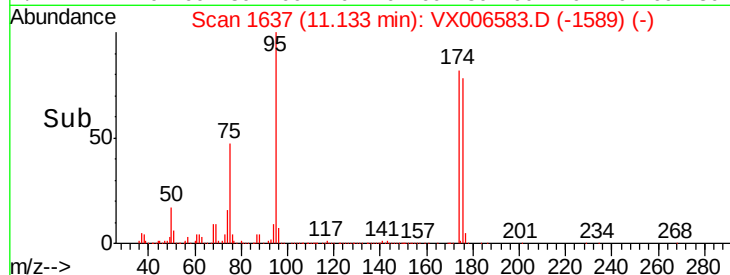
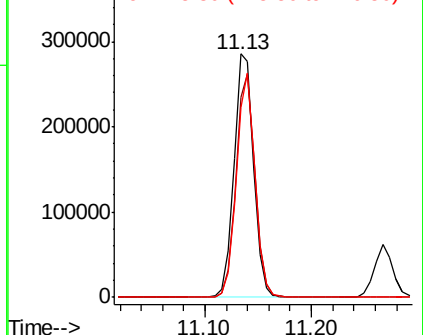
176 86.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

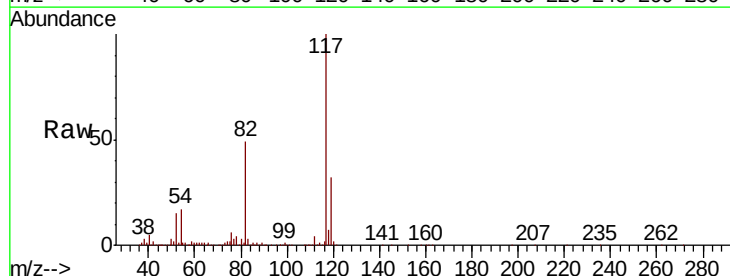
Tgt Ion: 117 Resp: 839832

Ion Ratio Lower Upper

117 100

82 49.5 39.6 59.4

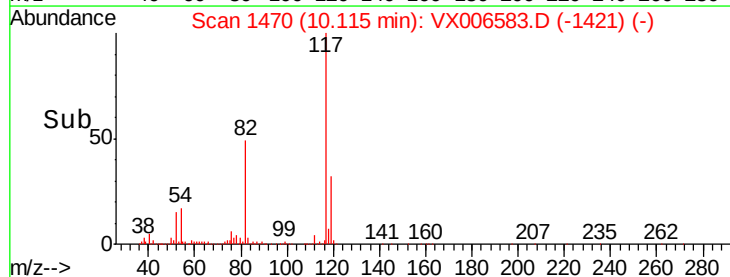
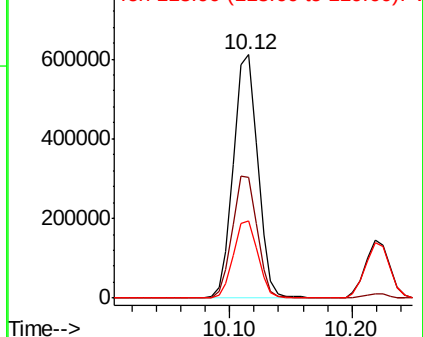
119 31.5 26.3 39.5

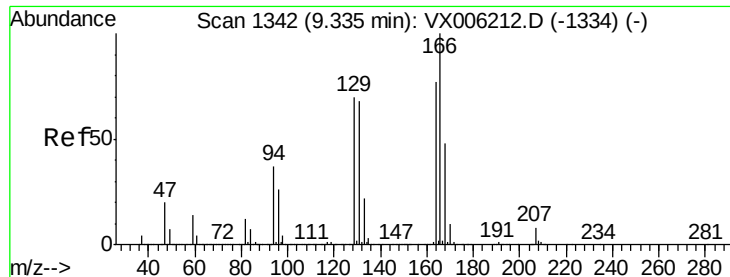


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

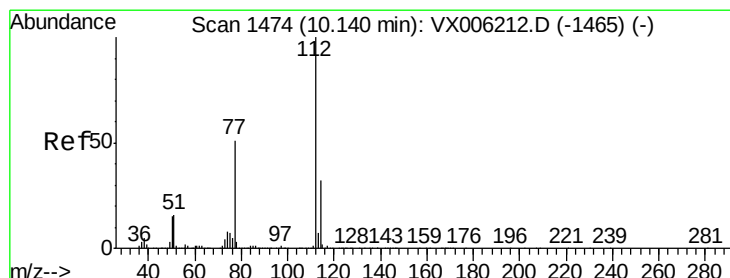
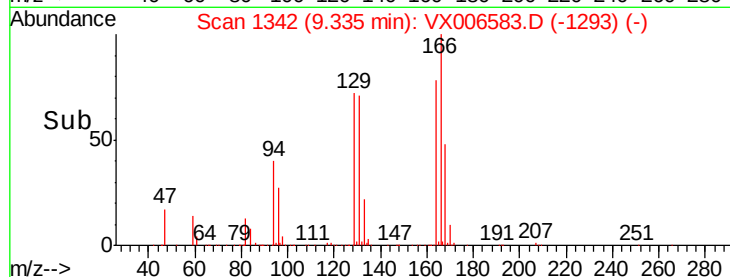
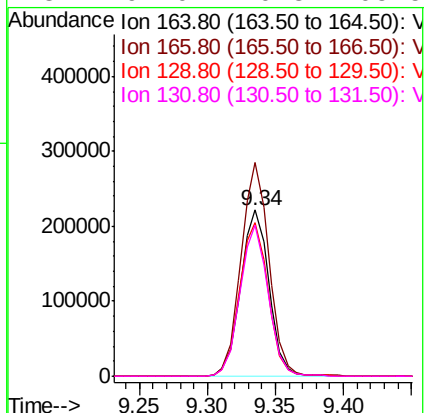
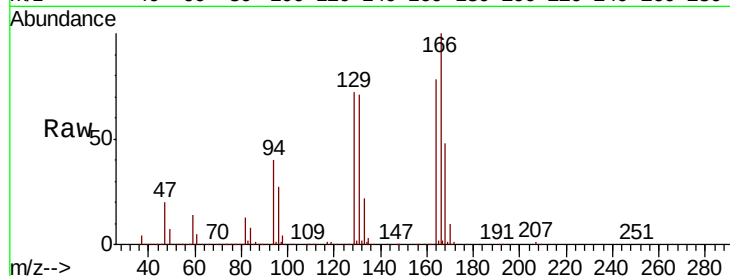




#64
Tetrachloroethene
Concen: 50.788 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

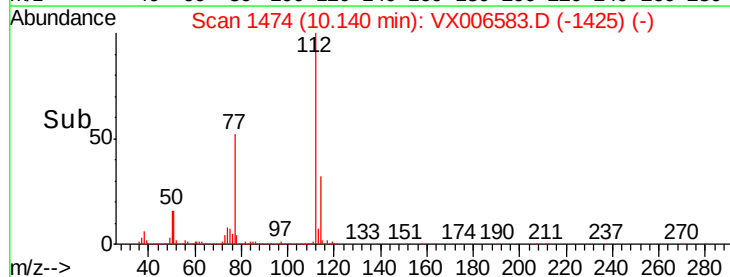
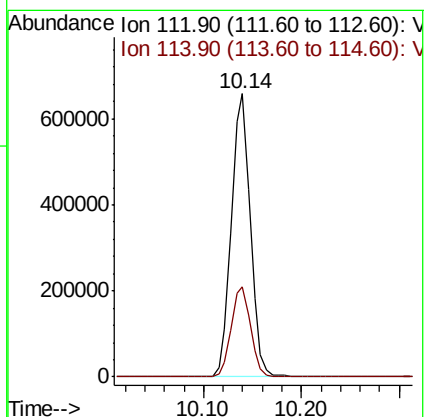
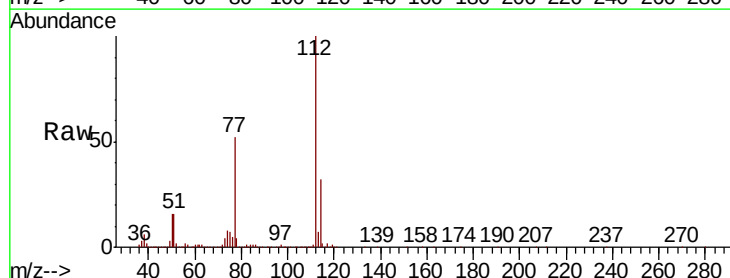
Instrument :
MSVOA_X
ClientSampleId :

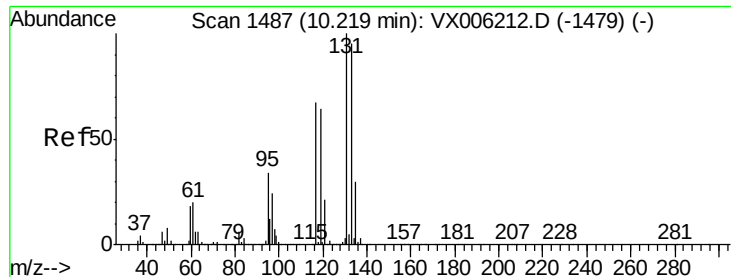
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.7	104.2	156.2
129	92.6	72.6	108.8
131	91.0	70.3	105.5



#65
Chlorobenzene
Concen: 49.820 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.2

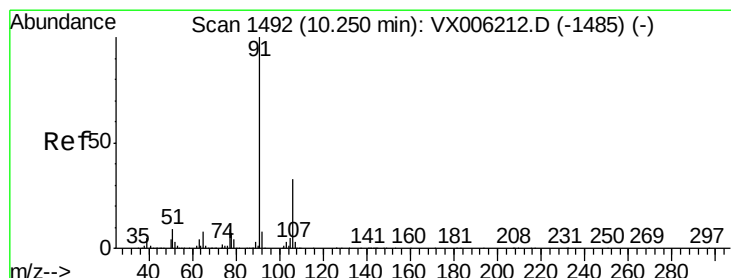
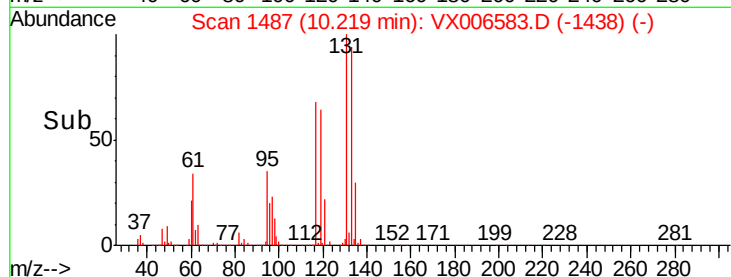
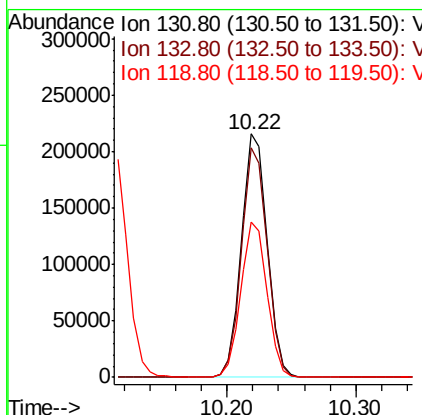
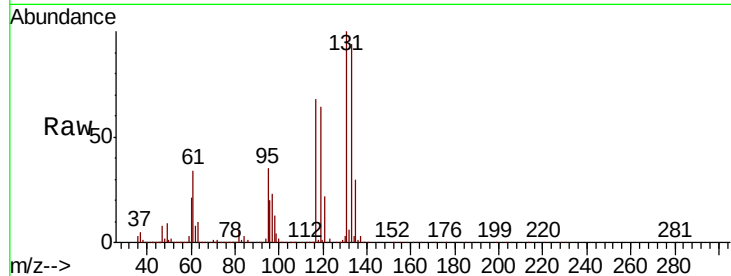




#66
 1,1,1,2-Tetrachloroethane
 Concen: 42.872 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

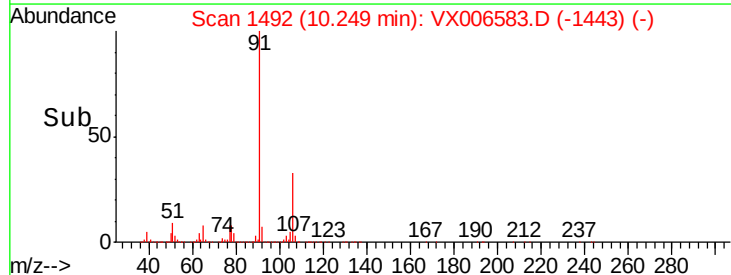
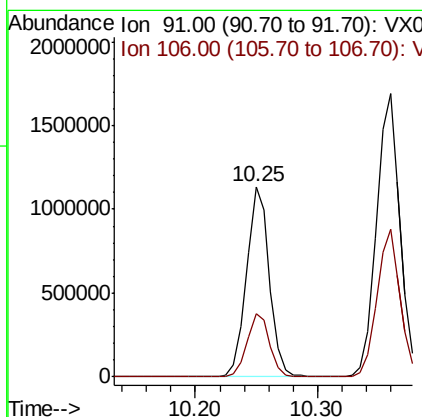
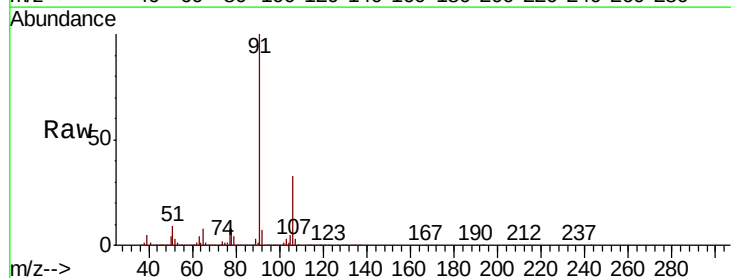
Instrument :
 MSVOA_X
 ClientSampleId :

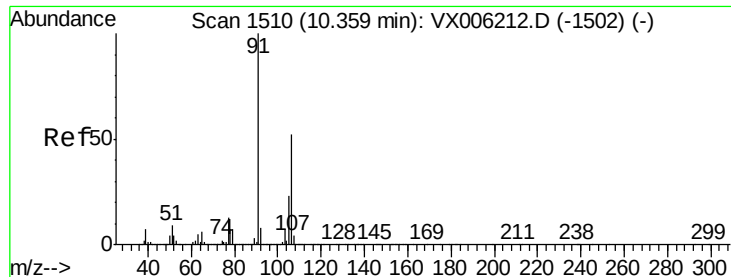
Tot Ion	Ratio	Lower	Upper
131	100		
133	93.9	48.1	144.4
119	65.0	32.1	96.3



#67
 Ethyl Benzene
 Concen: 49.623 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.5	39.7

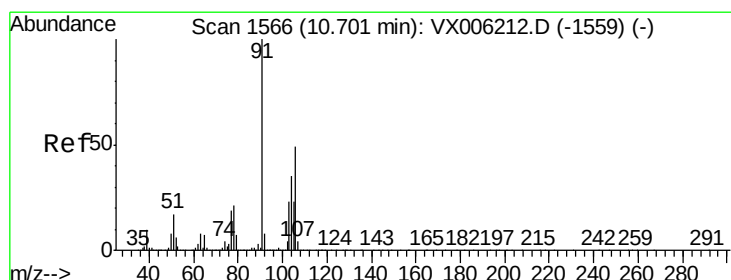
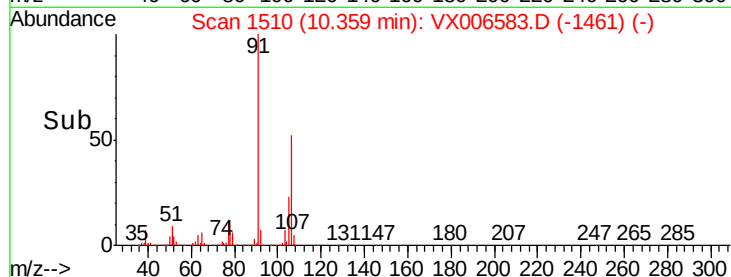
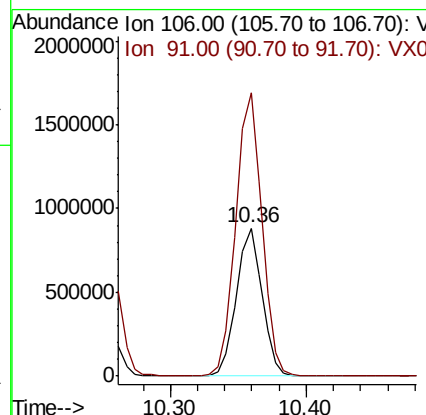
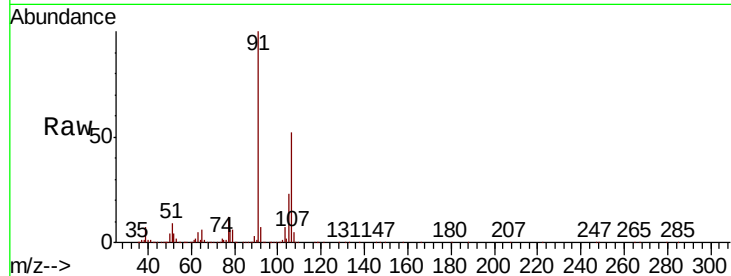




#68
m/p-Xylenes
Concen: 97.769 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

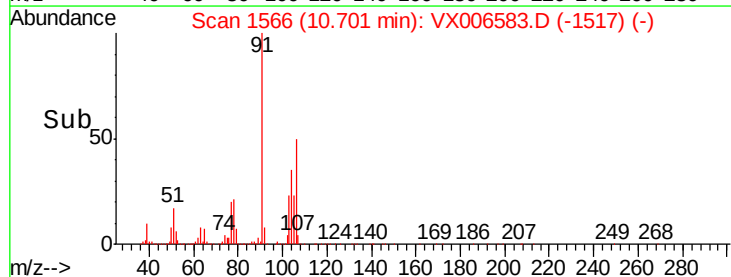
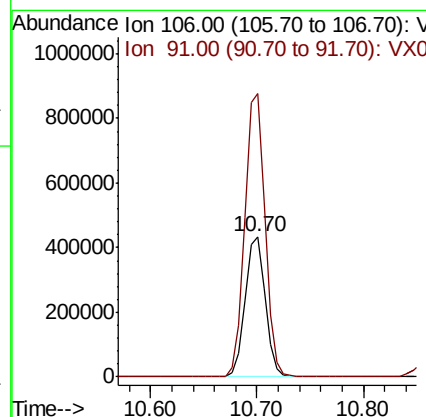
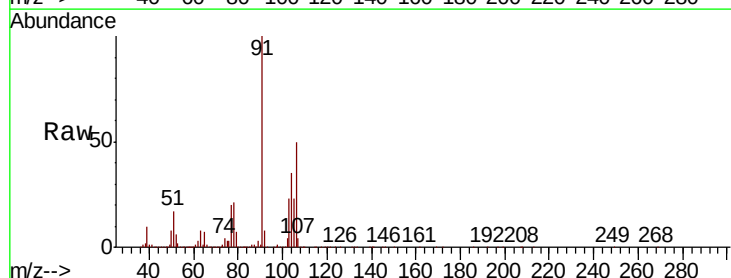
Instrument :
MSVOA_X
ClientSampleId :

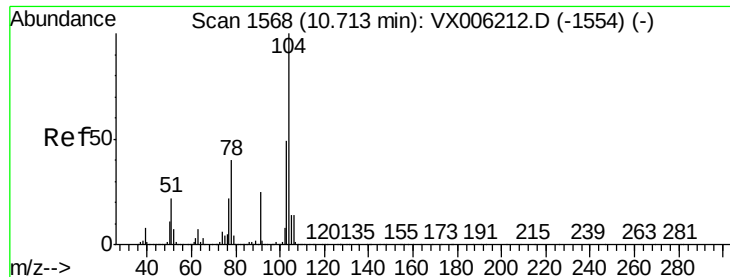
Tot Ion:106 Resp: 1161242
Ion Ratio Lower Upper
106 100
91 195.4 155.2 232.8



#69
o-Xylene
Concen: 49.108 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion:106 Resp: 576132
Ion Ratio Lower Upper
106 100
91 203.8 101.8 305.6





#70

Stvrene

Concen: 48.535 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006583.D

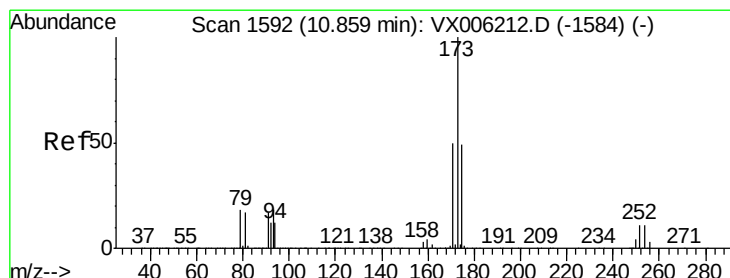
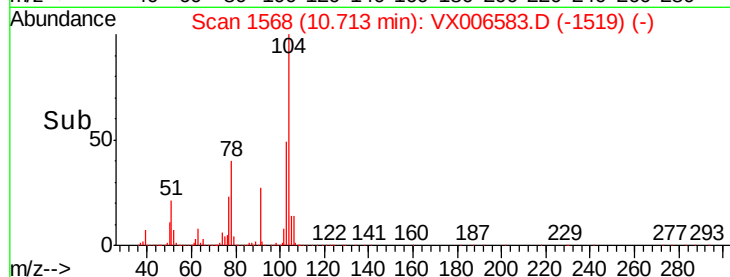
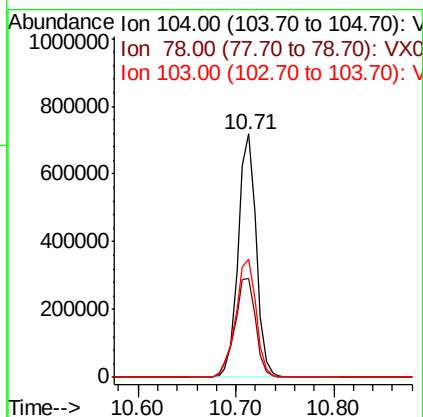
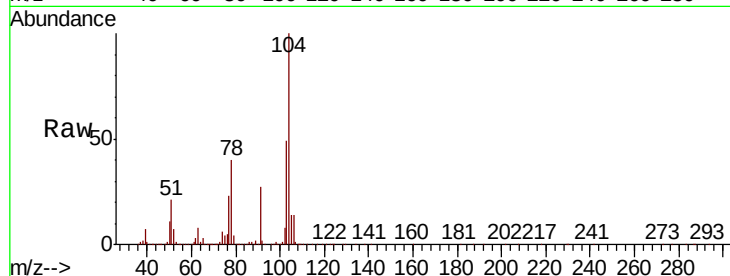
Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	104	Resp:	920953
Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.2	55.8
103	55.1	43.5	65.3



#71

Bromoform

Concen: 33.634 ug/l

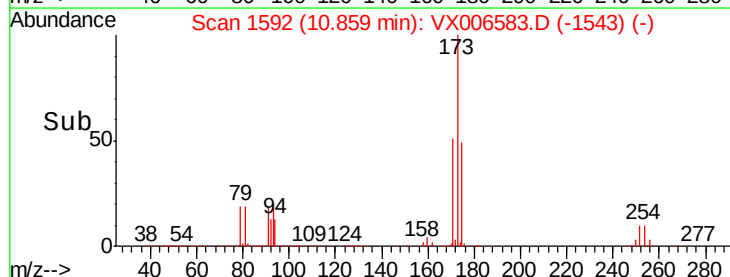
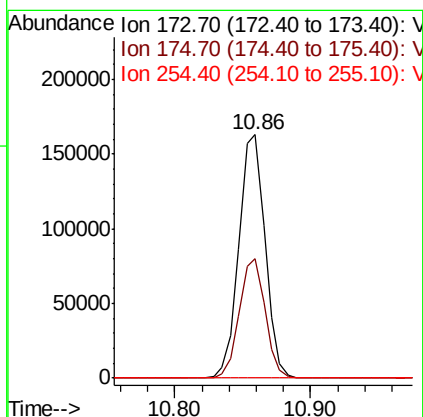
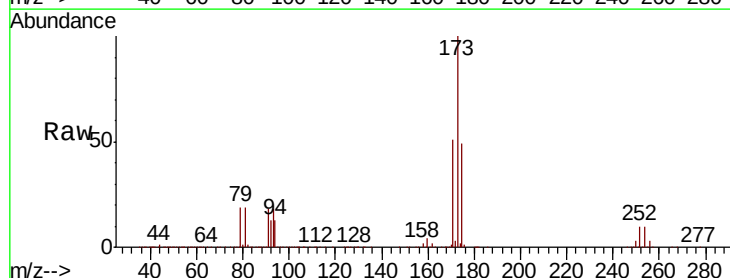
RT: 10.86 min Scan# 1592

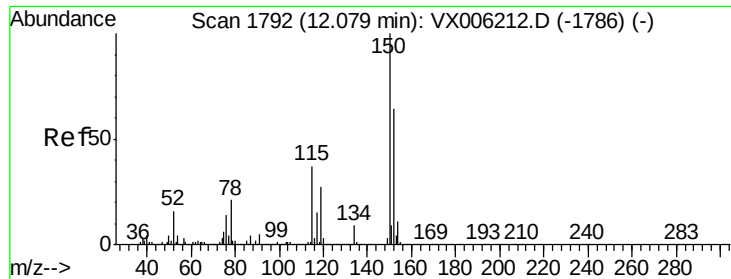
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Tgt Ion:	173	Resp:	219921
Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

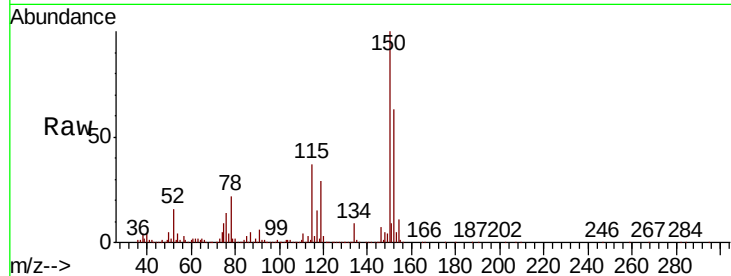
Tot Ion:152 Resp: 424378

Ion Ratio Lower Upper

152 100

115 80.3 39.0 116.9

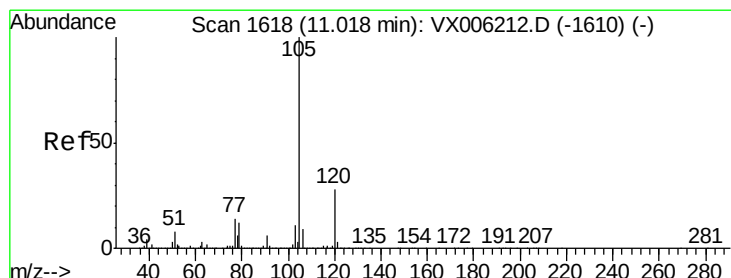
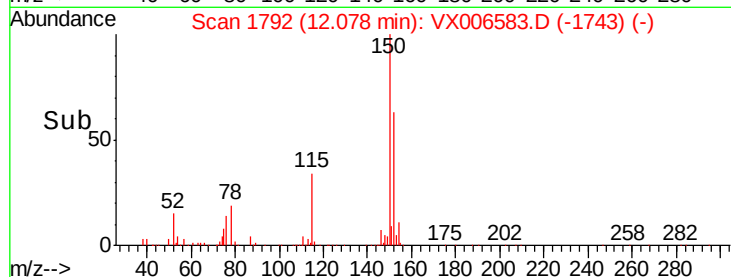
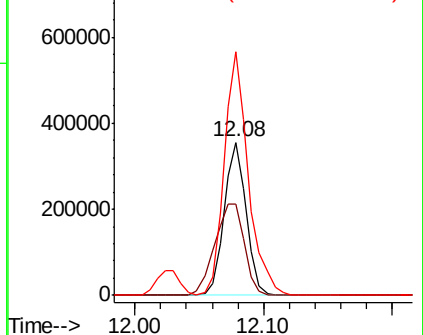
150 175.1 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 52.010 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006583.D

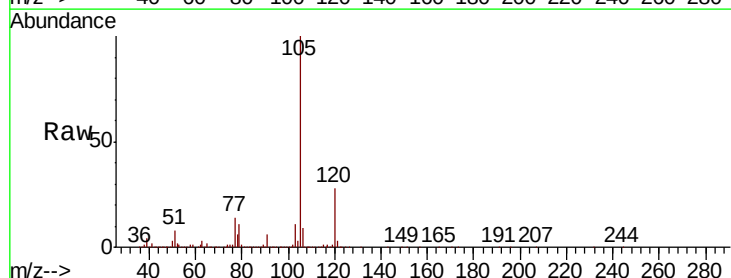
Acq: 17 Dec 2018 19:52

Tgt Ion:105 Resp: 1524267

Ion Ratio Lower Upper

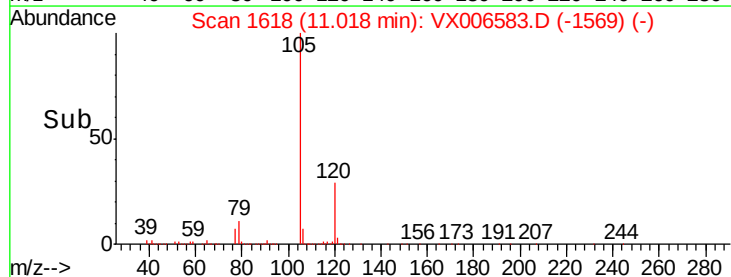
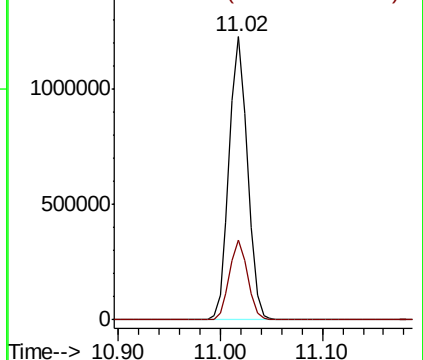
105 100

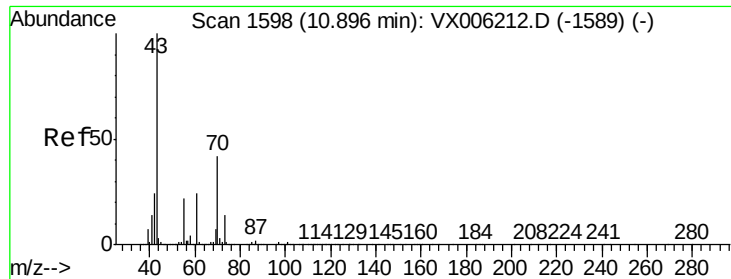
120 27.9 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

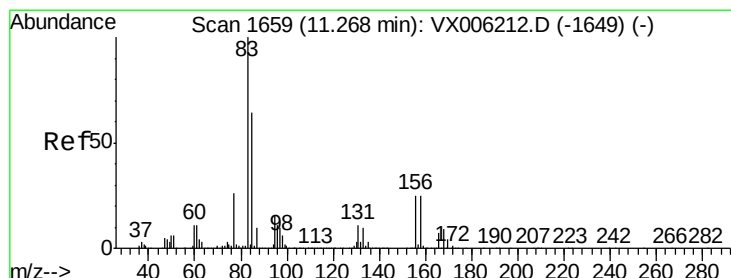
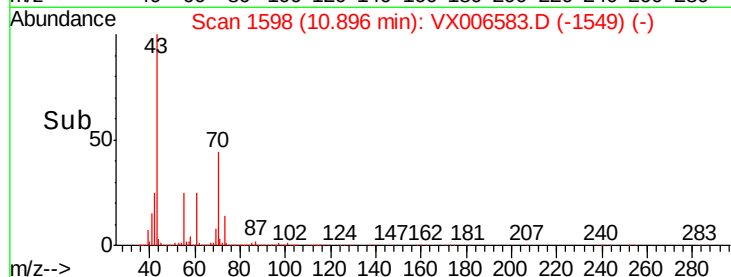
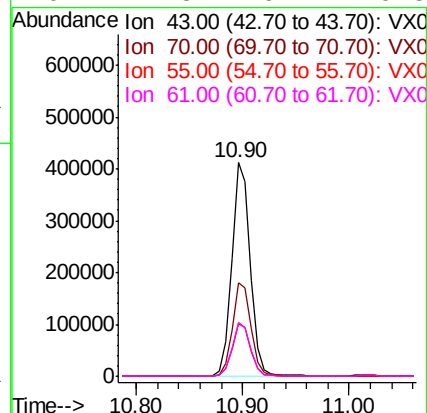
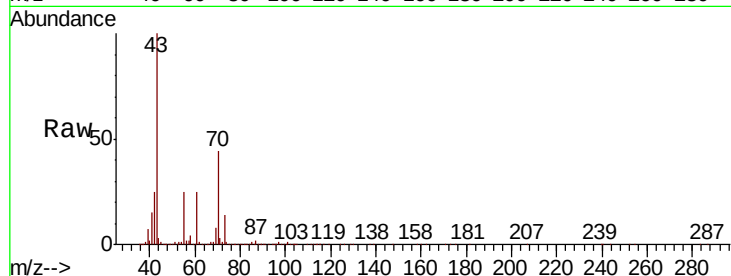




#74
N-amvl acetate
Concen: 39.381 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

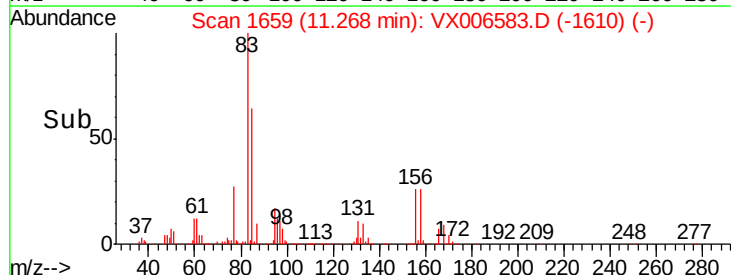
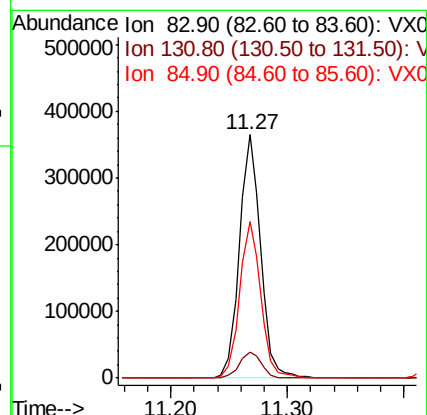
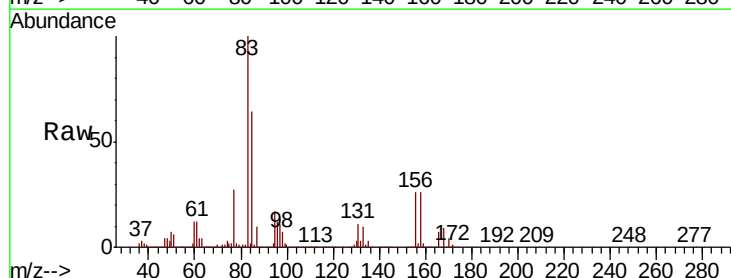
Instrument :
MSVOA_X
ClientSampleId :

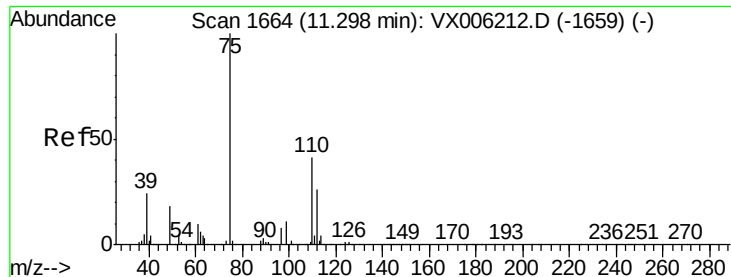
Tot Ion:	43	Resp:	496995
Ion	Ratio	Lower	Upper
43	100		
70	44.4	34.1	51.1
55	25.1	17.8	26.8
61	24.8	19.7	29.5



#75
1,1,2,2-Tetrachloroethane
Concen: 49.398 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion:	83	Resp:	463149
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.1
85	64.3	32.1	96.5





#76

1,2,3-Trichloropropane

Concen: 62.657 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

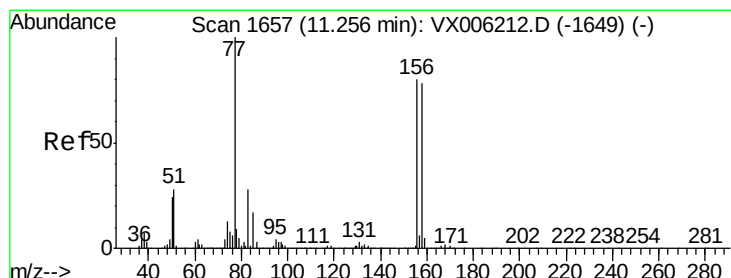
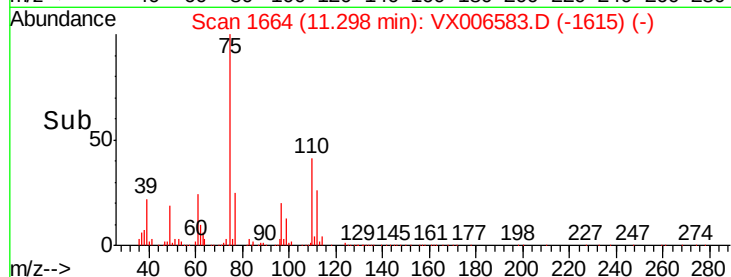
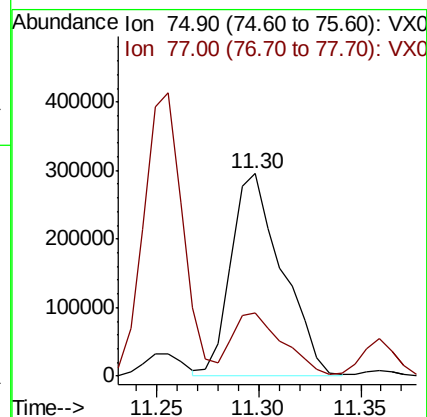
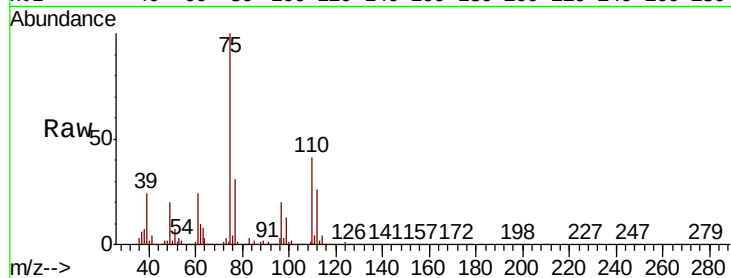
ClientSampleId :

Tot Ion: 75 Resp: 513237

Ion Ratio Lower Upper

75 100

77 30.7 19.9 59.7



#77

Bromobenzene

Concen: 48.803 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

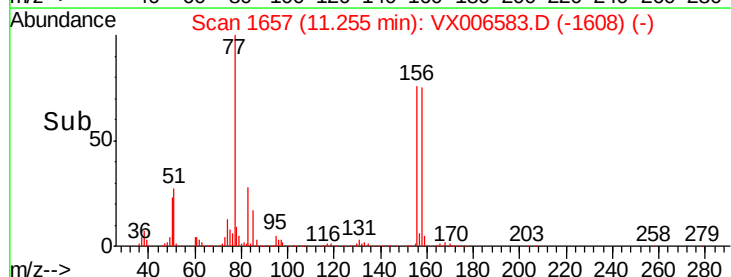
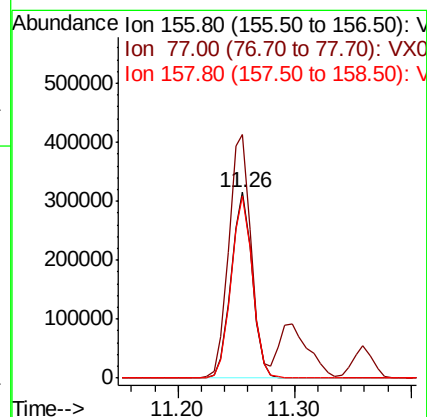
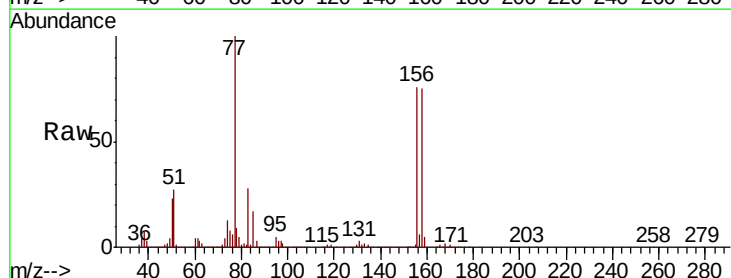
Tgt Ion: 156 Resp: 396929

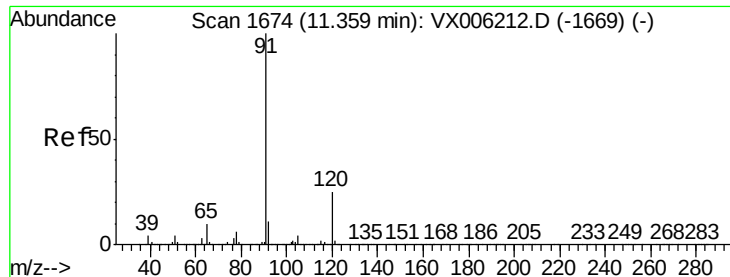
Ion Ratio Lower Upper

156 100

77 138.2 66.2 198.6

158 99.0 48.8 146.4





#78

n-propylbenzene

Concen: 51.154 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

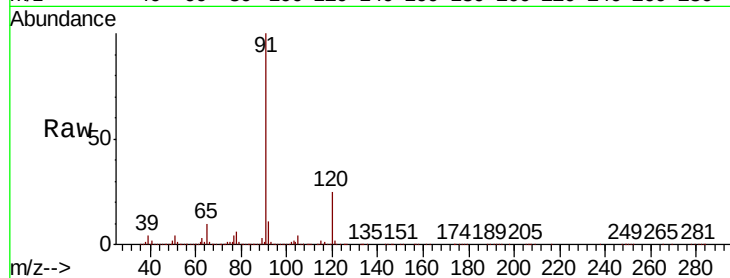
ClientSampleId :

Tot Ion: 91 Resp: 1666481

Ion Ratio Lower Upper

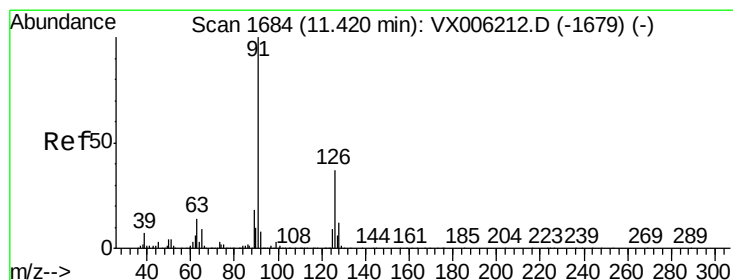
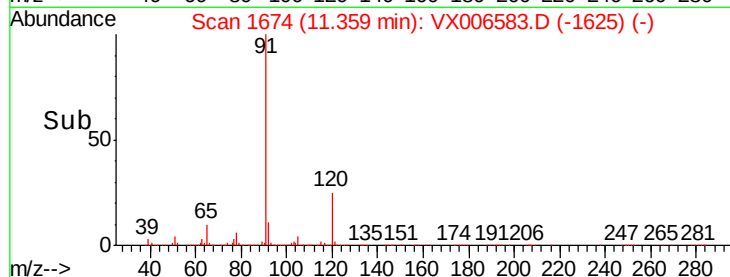
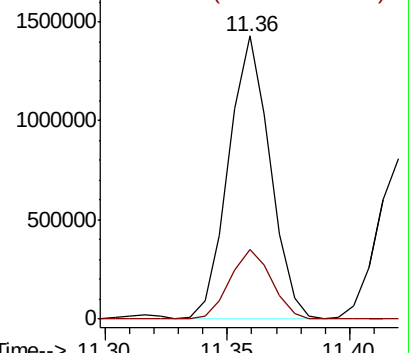
91 100

120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.158 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006583.D

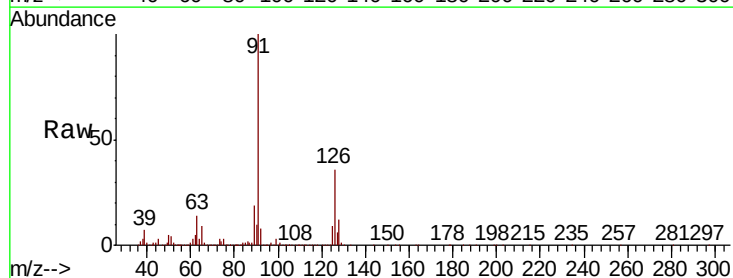
Acq: 17 Dec 2018 19:52

Tgt Ion: 91 Resp: 990571

Ion Ratio Lower Upper

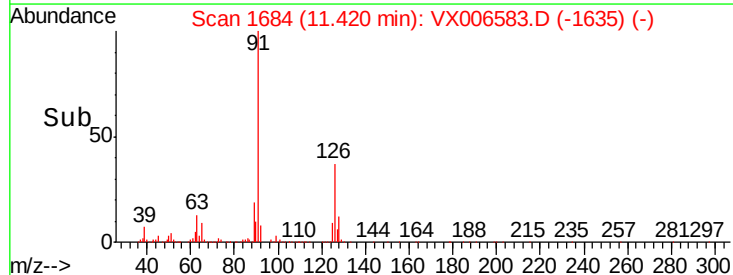
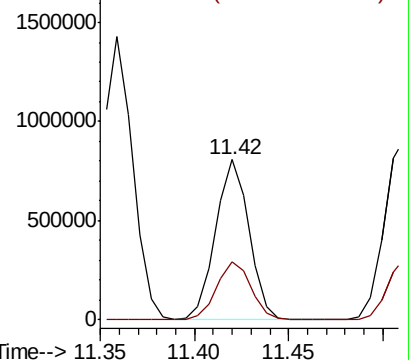
91 100

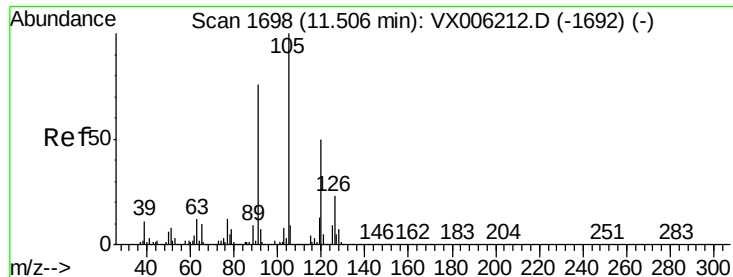
126 37.5 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

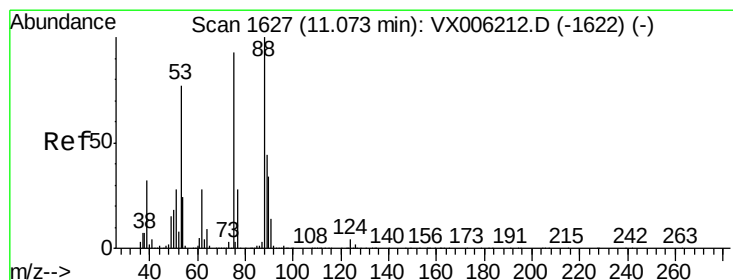
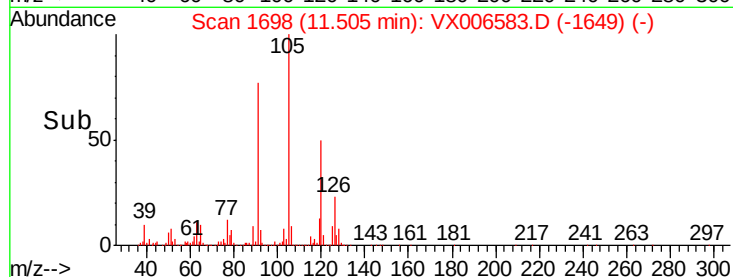
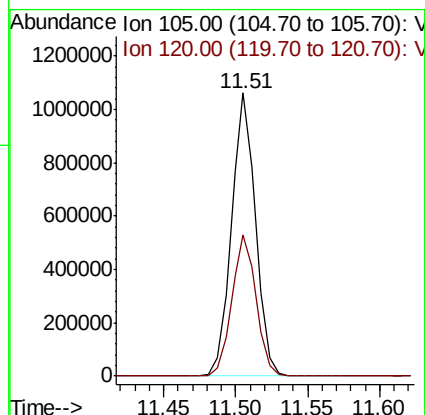
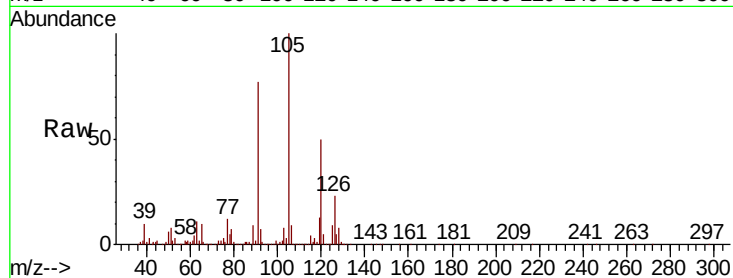




#80
 1,3,5-Trimethylbenzene
 Concen: 50.978 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

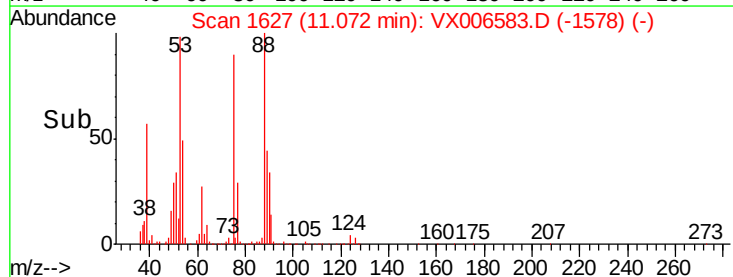
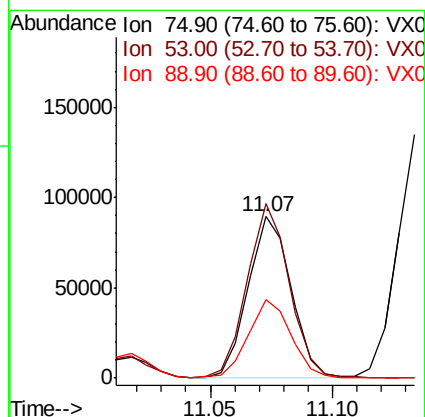
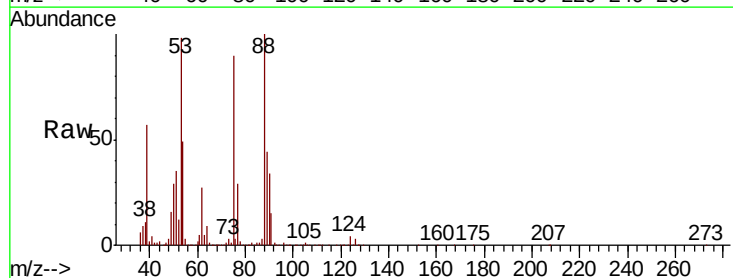
Instrument :
 MSVOA_X
 ClientSampleId :

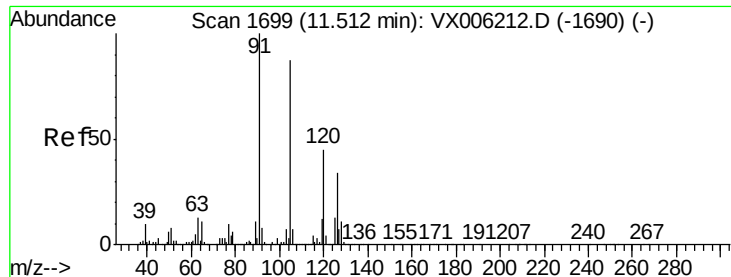
Tot Ion:105 Resp: 1243060
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 31.131 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion: 75 Resp: 108661
 Ion Ratio Lower Upper
 75 100
 53 107.3 64.4 96.6#
 89 48.7 44.2 66.4

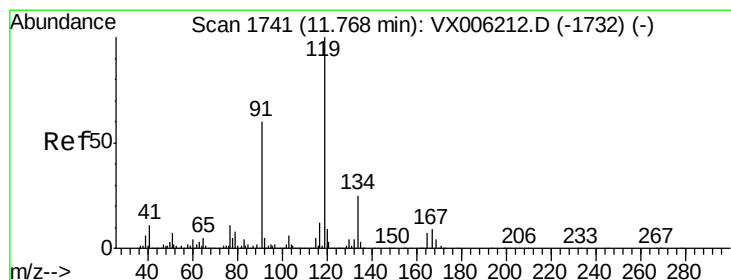
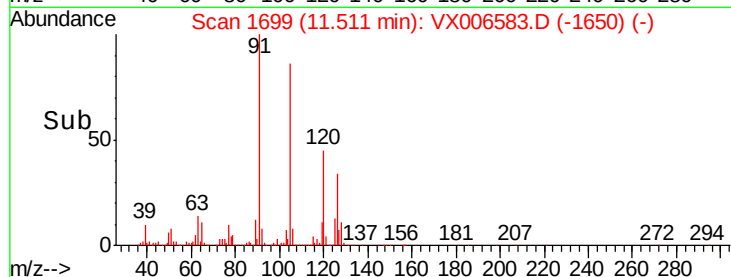
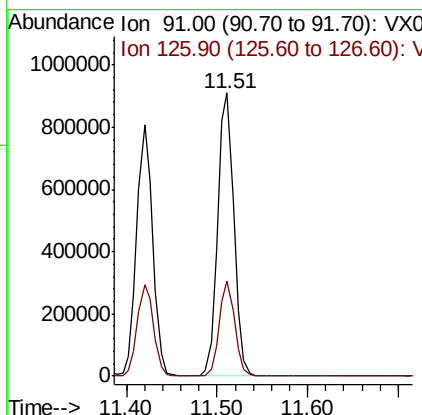
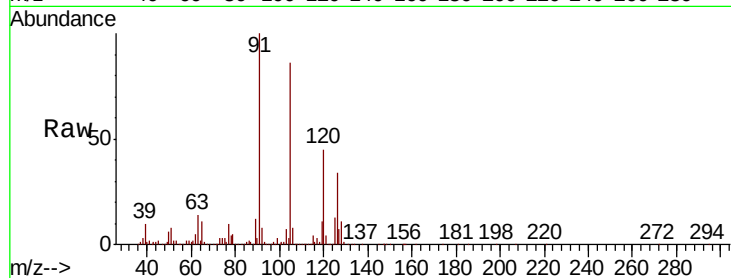




#82
4-Chlorotoluene
Concen: 50.546 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

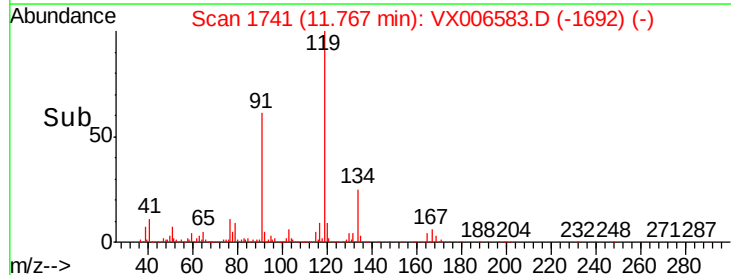
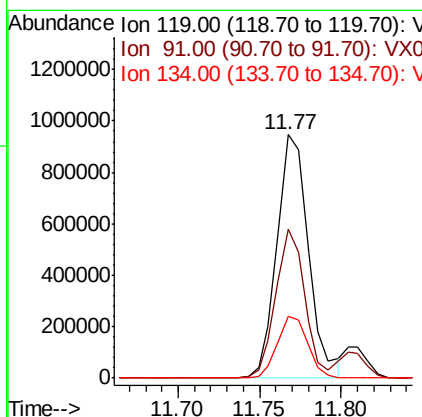
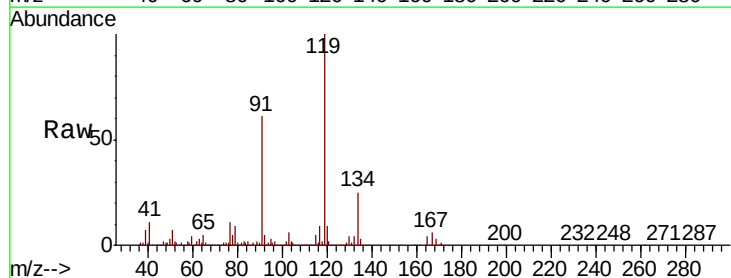
Instrument :
MSVOA_X
ClientSampled :

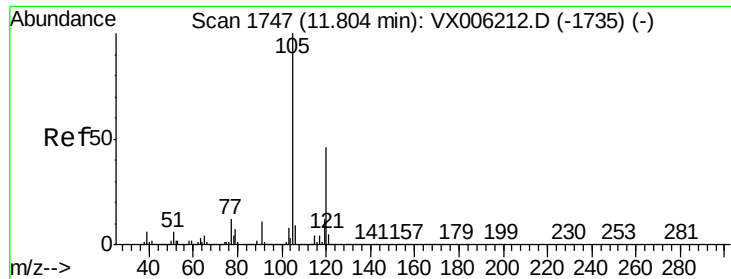
Tot Ion: 91 Resp: 1137913
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4



#83
tert-Butylbenzene
Concen: 48.628 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006583.D
Acq: 17 Dec 2018 19:52

Tgt Ion: 119 Resp: 1265158
Ion Ratio Lower Upper
119 100
91 56.2 26.4 79.2
134 24.4 11.6 34.7

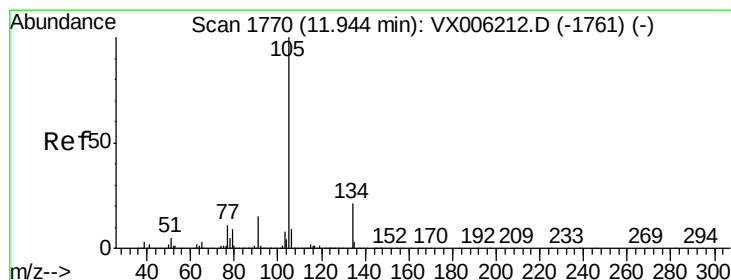
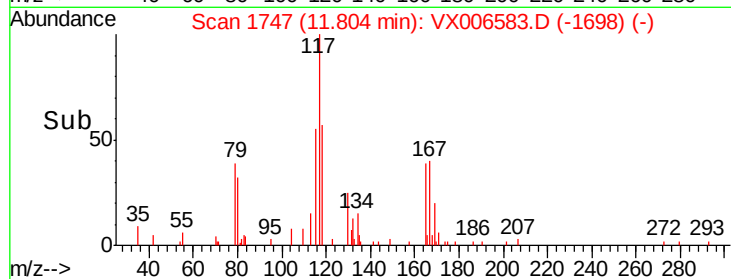
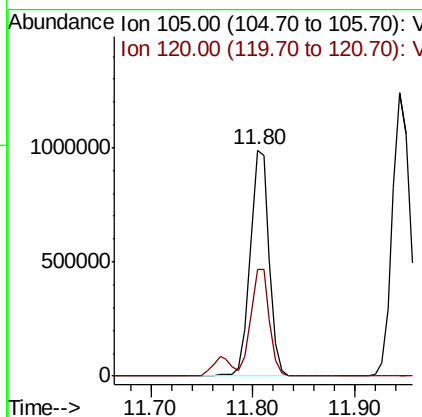
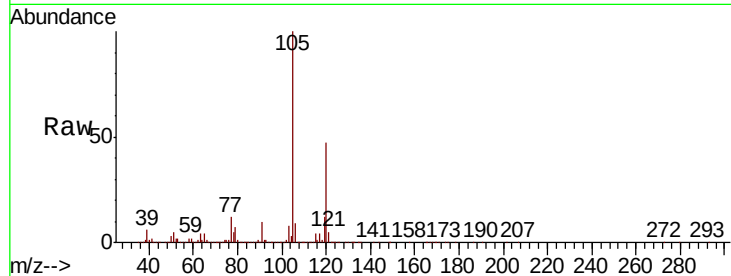




#84
 1,2,4-Trimethylbenzene
 Concen: 51.071 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

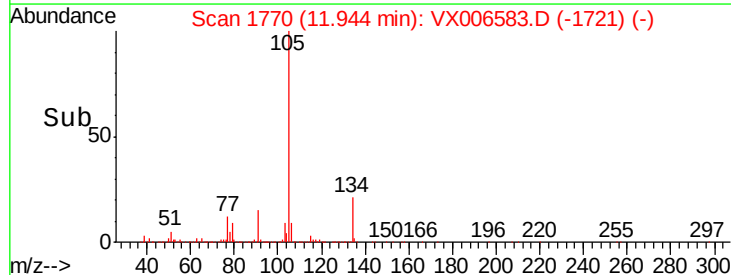
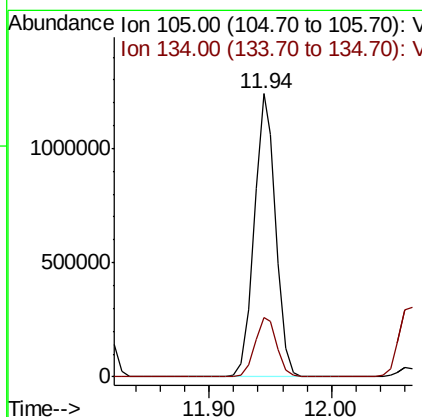
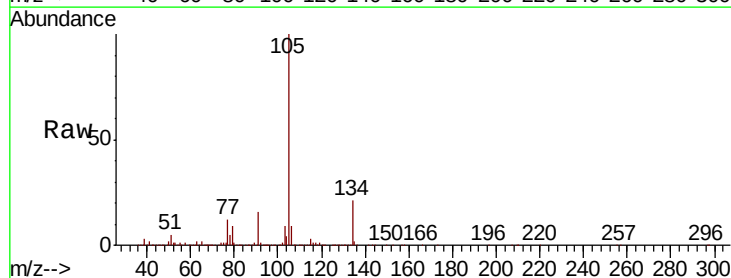
Instrument :
 MSVOA_X
 ClientSampleId :

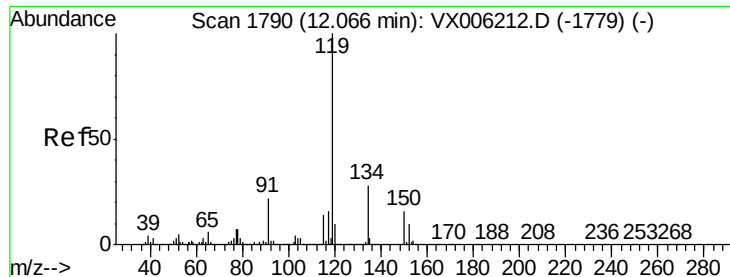
Tot Ion:105 Resp: 1285906
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 51.073 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Tgt Ion:105 Resp: 1511672
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.4





#86

p-Isopropyltoluene

Concen: 50.629 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampled :

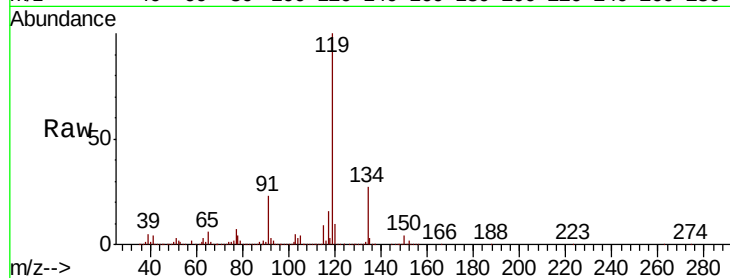
Tot Ion:119 Resp: 1349366

Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.9	41.6
91	22.9	11.3	33.8

119 100

134 27.6 13.9 41.6

91 22.9 11.3 33.8

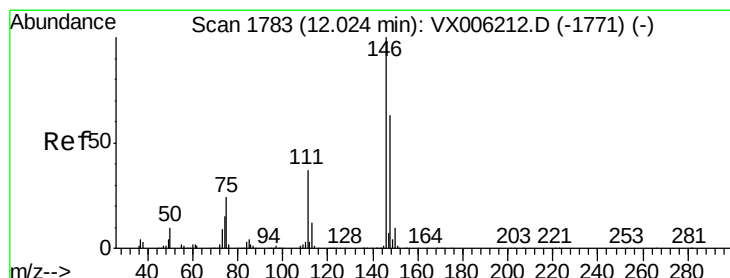
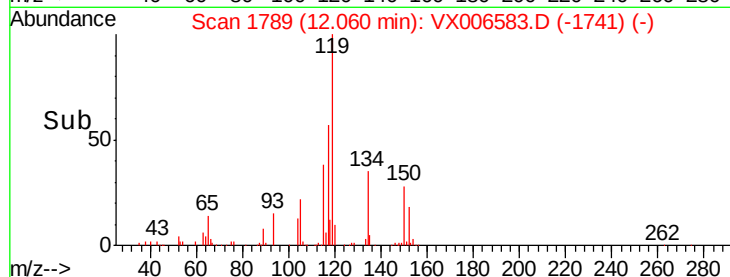
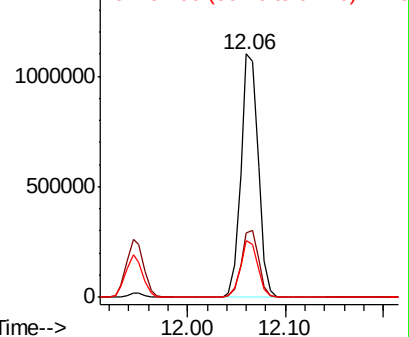


Abundance

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): V



#87

1,3-Dichlorobenzene

Concen: 49.423 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

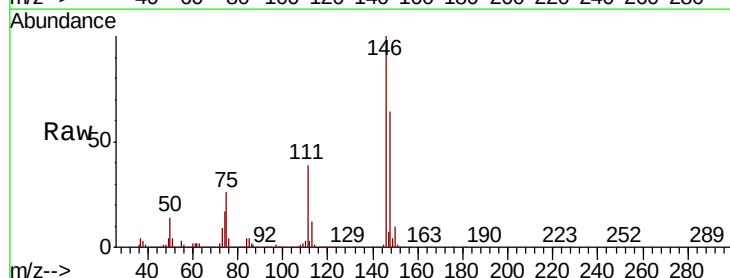
Tgt Ion:146 Resp: 715249

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.2
148	63.9	32.0	96.0

146 100

111 37.9 18.4 55.2

148 63.9 32.0 96.0

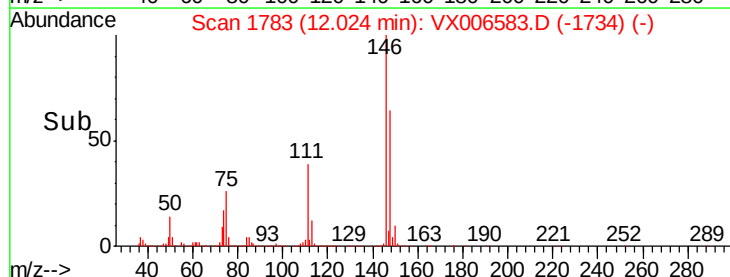
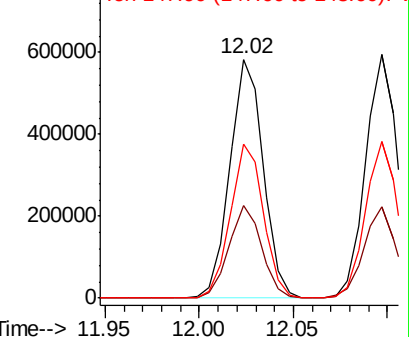


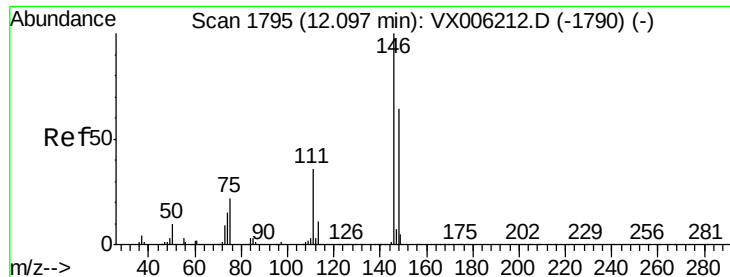
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 48.766 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

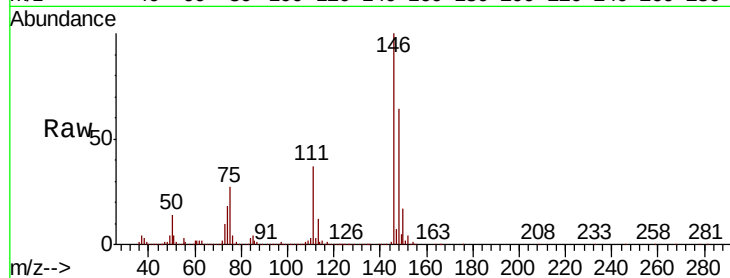
Tot Ion:146 Resp: 716313

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

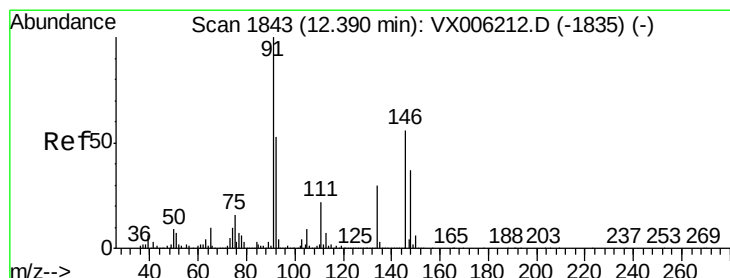
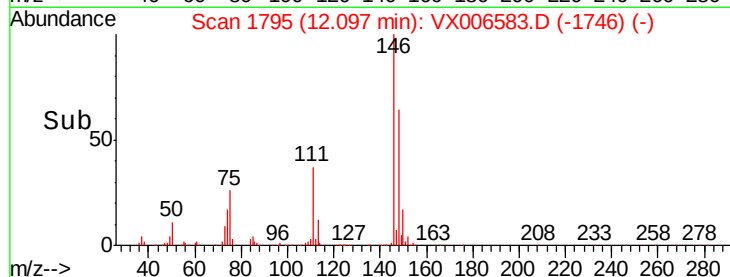
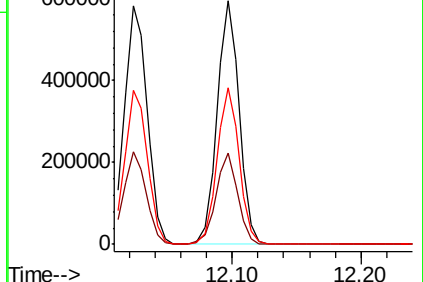
148 64.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.430 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

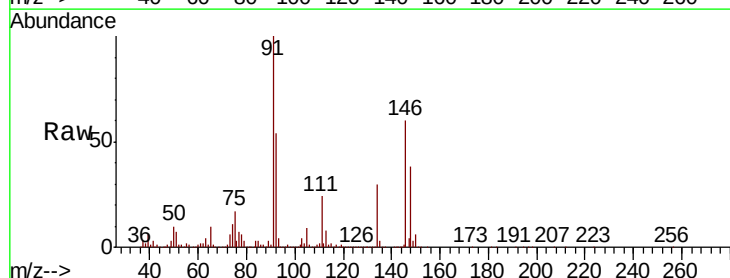
Tgt Ion: 91 Resp: 1124067

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.8

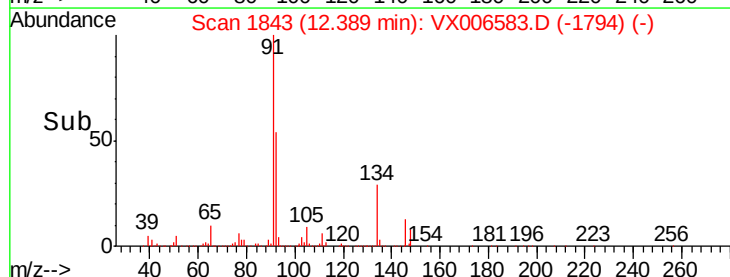
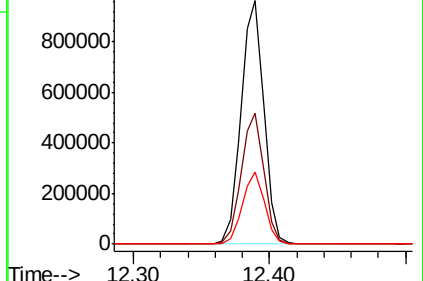
134 28.6 14.8 44.3

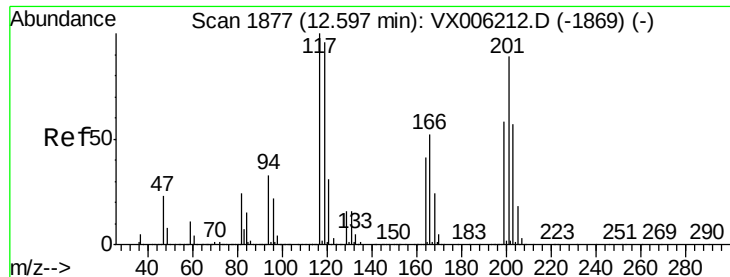


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 34.507 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

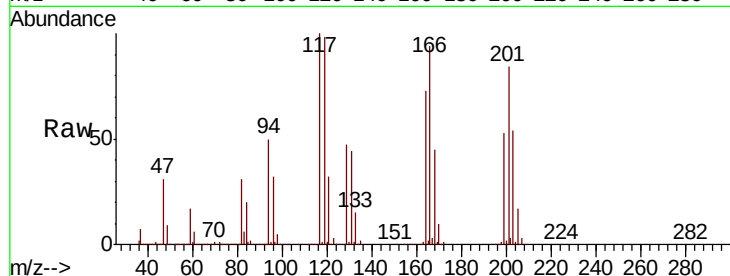
ClientSampleId :

Tot Ion:117 Resp: 187441

Ion Ratio Lower Upper

117 100

201 85.6 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

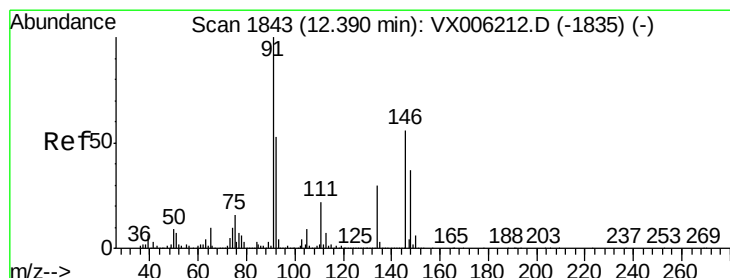
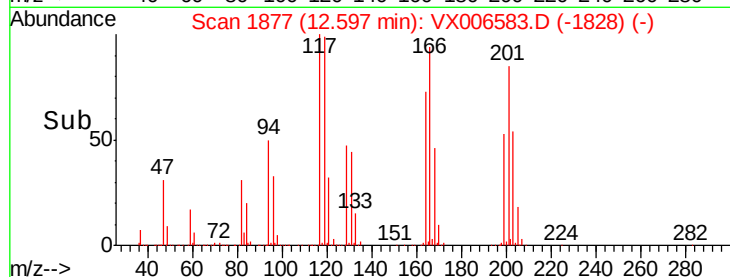
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 49.533 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

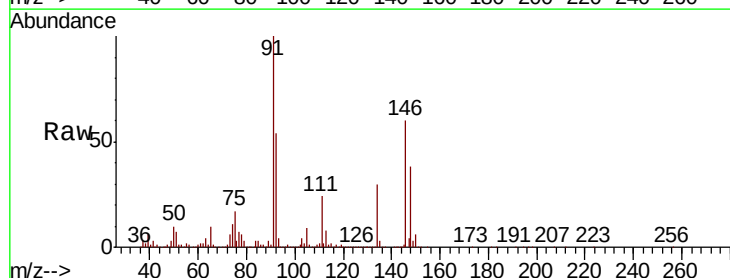
Tgt Ion:146 Resp: 711441

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39

800000

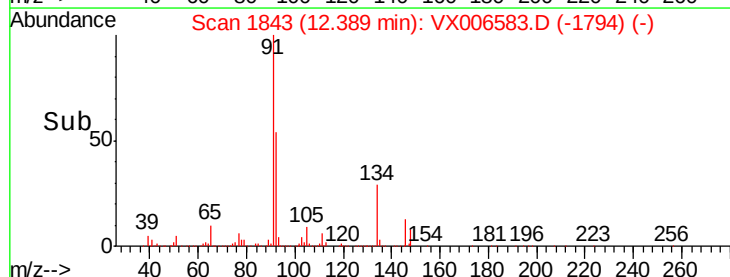
600000

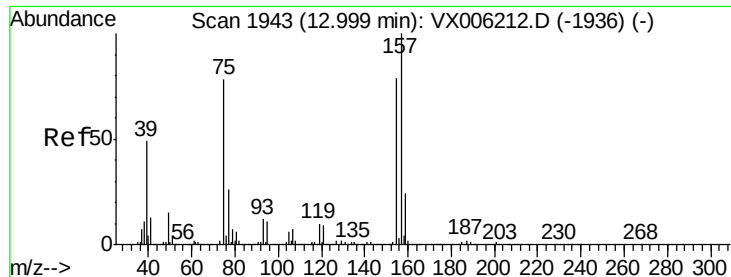
400000

200000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 40.389 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

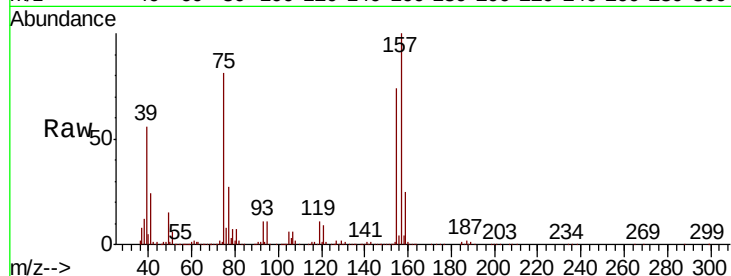
Tot Ion: 75 Resp: 97072

Ion Ratio Lower Upper

75 100

155 97.0 53.4 160.3

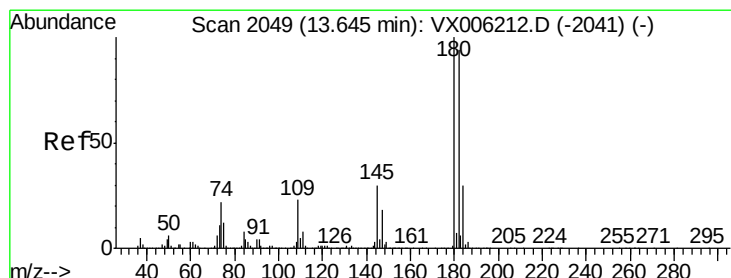
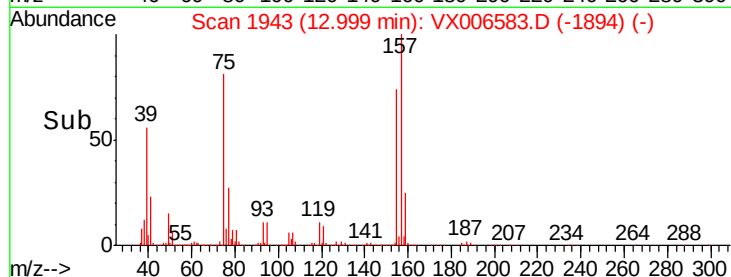
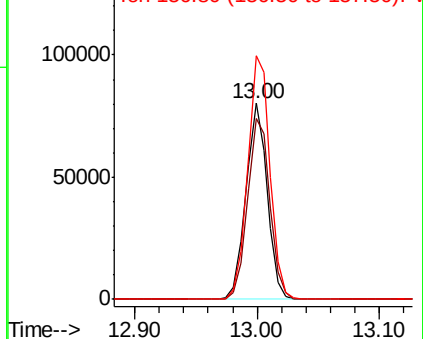
157 129.6 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.855 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

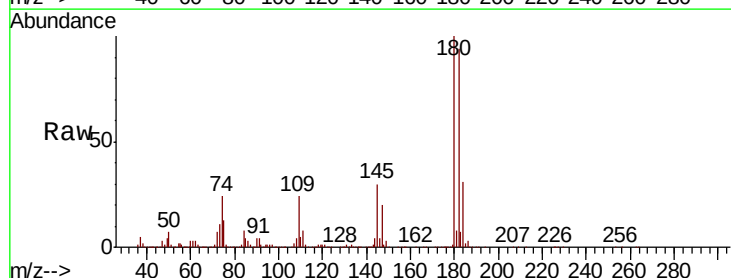
Tgt Ion:180 Resp: 490978

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

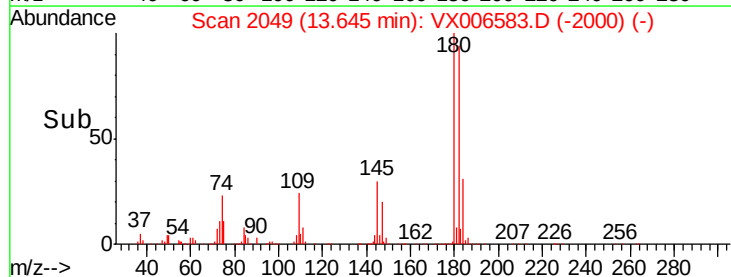
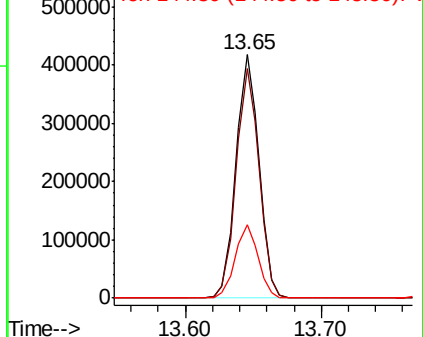
145 30.1 14.6 43.8

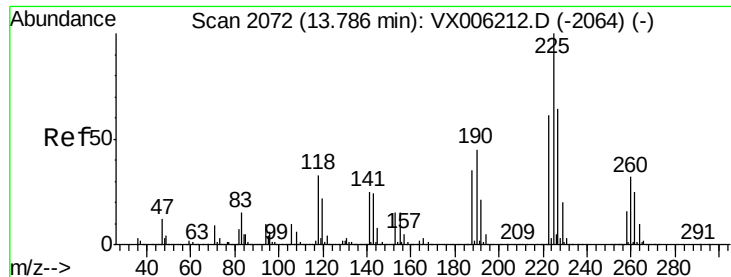


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.392 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA_X

ClientSampled :

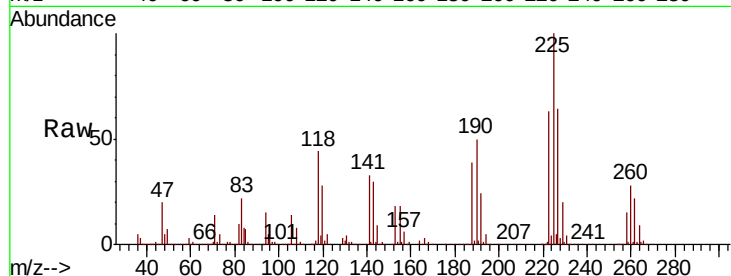
Tot Ion:225 Resp: 214983

Ion Ratio Lower Upper

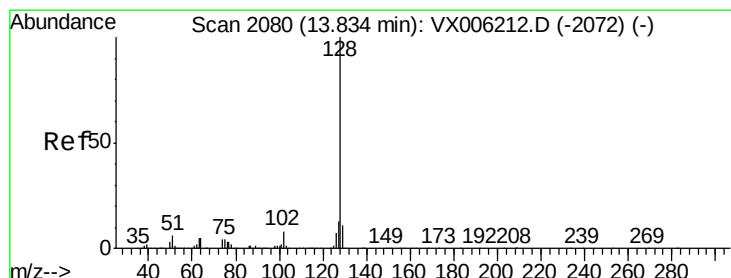
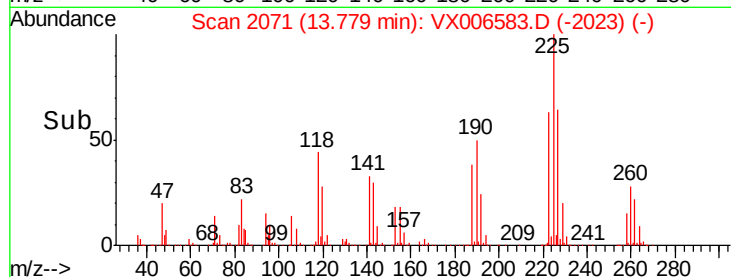
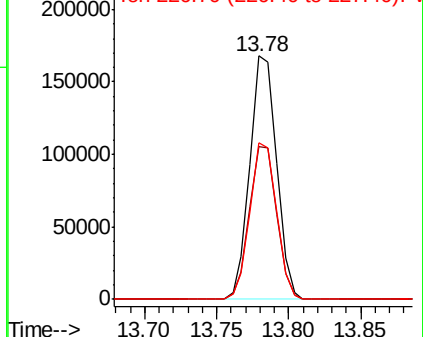
225 100

223 64.1 31.2 93.6

227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.555 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

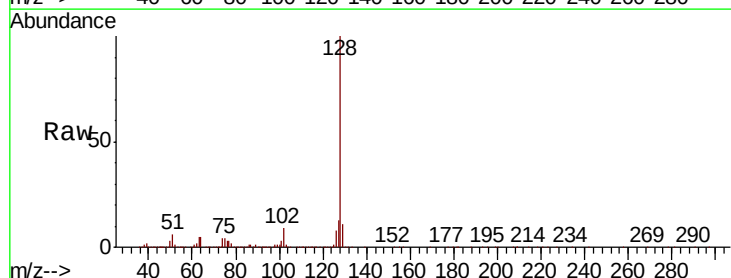
Tgt Ion:128 Resp: 1615246

Ion Ratio Lower Upper

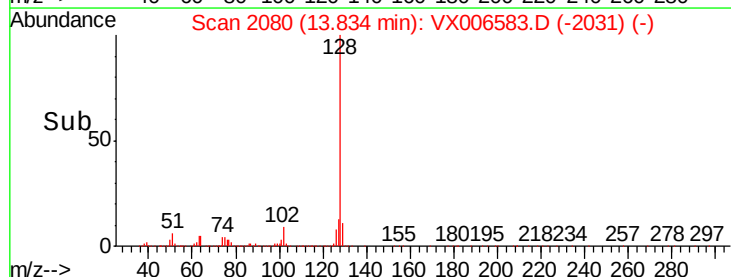
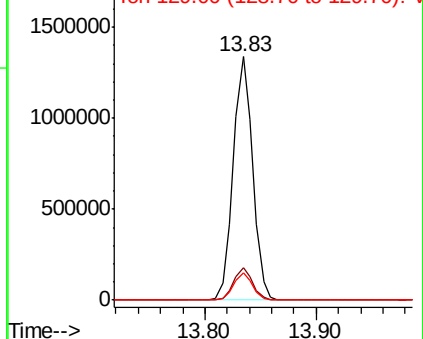
128 100

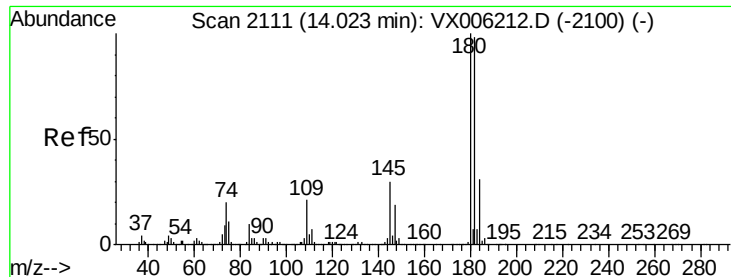
127 13.0 10.2 15.4

129 11.0 8.9 13.3



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





#96
 1,2,3-Trichlorobenzene
 Concen: 48.034 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX006583.D
 Acq: 17 Dec 2018 19:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.4	145.2
145	32.1	15.6	46.8

