

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006665.D
 Acq On : 20 Dec 2018 10:27
 Operator : JC/MD
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 03:28:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	588775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	912822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	837848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442553	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	317844	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.50	113	280506	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	1079845	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	395648	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	103428	19.202	ug/l 100
3) Chloromethane	1.33	50	117038	20.169	ug/l 100
4) Vinyl Chloride	1.41	62	120528	19.887	ug/l 99
5) Bromomethane	1.64	94	124650	20.925	ug/l 100
6) Chloroethane	1.73	64	77403	18.445	ug/l 98
7) Trichlorofluoromethane	1.93	101	188299	19.928	ug/l 97
8) Diethyl Ether	2.19	74	72526	19.325	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108619	19.578	ug/l 96
10) Methyl Iodide	2.51	142	164192	20.675	ug/l 99
11) Tert butyl alcohol	3.07	59	148583	104.920	ug/l 99
12) 1,1-Dichloroethene	2.38	96	101468	19.289	ug/l 96
13) Acrolein	2.30	56	80582	84.348	ug/l 93
14) Allyl chloride	2.73	41	174513	19.708	ug/l 99
15) Acrylonitrile	3.15	53	321047	102.104	ug/l 99
16) Acetone	2.45	43	296894	101.838	ug/l 98
17) Carbon Disulfide	2.57	76	234281	16.829	ug/l 100
18) Methyl Acetate	2.78	43	180162	21.016	ug/l 98
19) Methyl tert-butyl Ether	3.21	73	360594	20.653	ug/l 99
20) Methylene Chloride	2.86	84	118460	19.650	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	110207	18.908	ug/l 97
22) Diisopropyl ether	3.87	45	334454	20.646	ug/l 93
23) Vinyl Acetate	3.82	43	1323485	99.882	ug/l 99
24) 1,1-Dichloroethane	3.70	63	193024	19.961	ug/l 97
25) 2-Butanone	4.70	43	418105	101.957	ug/l 97
26) 2,2-Dichloropropane	4.59	77	138089	18.486	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	128421	19.969	ug/l 99
28) Bromochloromethane	5.02	49	88651	20.660	ug/l 96
29) Tetrahydrofuran	5.15	42	273314	101.193	ug/l 99
30) Chloroform	5.21	83	198252	19.798	ug/l 96
31) Cyclohexane	5.58	56	171272	19.496	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	165849	19.614	ug/l 99
36) 1,1-Dichloropropene	5.80	75	148940	19.700	ug/l 99
37) Ethyl Acetate	4.85	43	156209	19.852	ug/l 99
38) Carbon Tetrachloride	5.79	117	138012	18.784	ug/l 96

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190661	19.156	ug/l	98
40) Benzene	6.14	78	457014	19.887	ug/l	98
41) Methacrylonitrile	5.06	41	87530	20.952	ug/l	98
42) 1,2-Dichloroethane	6.20	62	153959	19.661	ug/l	99
43) Isopropyl Acetate	6.46	43	241230	20.148	ug/l	99
44) Trichloroethene	7.21	130	135074	19.420	ug/l	94
45) 1,2-Dichloropropane	7.52	63	113044	20.214	ug/l	99
46) Dibromomethane	7.66	93	80849	19.655	ug/l	99
47) Bromodichloromethane	7.90	83	127900	18.728	ug/l	99
48) Methyl methacrylate	7.77	41	126798	20.826	ug/l	99
49) 1,4-Dioxane	7.75	88	68275	416.995	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	809345	106.242	ug/l	100
52) Toluene	8.78	92	296198	19.951	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	136098	18.582	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158714	19.749	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	123236	20.279	ug/l	98
56) Ethyl methacrylate	9.18	69	177994	20.724	ug/l	99
57) 1,3-Dichloropropane	9.37	76	194993	19.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	460800	100.928	ug/l	99
59) 2-Hexanone	9.49	43	625075	107.242	ug/l	100
60) Dibromochloromethane	9.58	129	106930	18.366	ug/l	98
61) 1,2-Dibromoethane	9.67	107	132843	20.564	ug/l	99
64) Tetrachloroethene	9.34	164	132627	19.991	ug/l	99
65) Chlorobenzene	10.14	112	352205	19.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	109876	19.868	ug/l	99
67) Ethyl Benzene	10.25	91	568625	19.632	ug/l	99
68) m/p-Xylenes	10.36	106	458353	40.103	ug/l	100
69) o-Xylene	10.70	106	226529	20.071	ug/l	99
70) Styrene	10.71	104	360355	20.182	ug/l	99
71) Bromoform	10.86	173	75601	18.263	ug/l #	98
73) Isopropylbenzene	11.02	105	595567	19.671	ug/l	99
74) N-amyl acetate	10.90	43	221409	20.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183818	20.415	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	195108	23.723	ug/l	90
77) Bromobenzene	11.26	156	159149	19.443	ug/l	97
78) n-propylbenzene	11.36	91	652235	19.563	ug/l	99
79) 2-Chlorotoluene	11.42	91	397180	19.658	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	493061	19.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37832	17.046	ug/l #	84
82) 4-Chlorotoluene	11.51	91	459033	19.807	ug/l	99
83) tert-Butylbenzene	11.77	119	493506	19.773	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	504297	19.226	ug/l	100
85) sec-Butylbenzene	11.94	105	602595	19.692	ug/l	99
86) p-Isopropyltoluene	12.06	119	534422	19.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288895	19.584	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	289291	19.130	ug/l	97
89) n-Butylbenzene	12.38	91	444230	19.405	ug/l	99
90) Hexachloroethane	12.60	117	67022	18.165	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	291539	19.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33886	18.188	ug/l	98

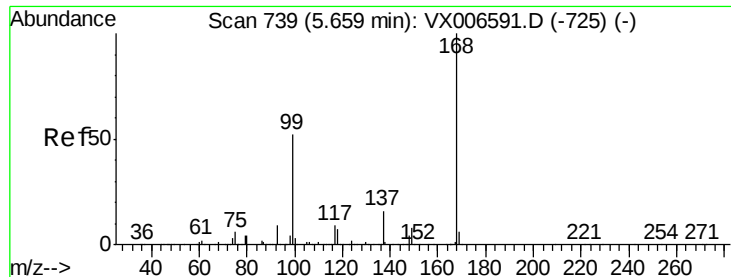
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	195427	19.199	ug/l	100
94) Hexachlorobutadiene	13.78	225	89925	18.742	ug/l	98
95) Naphthalene	13.83	128	628321	19.340	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	195481	18.600	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

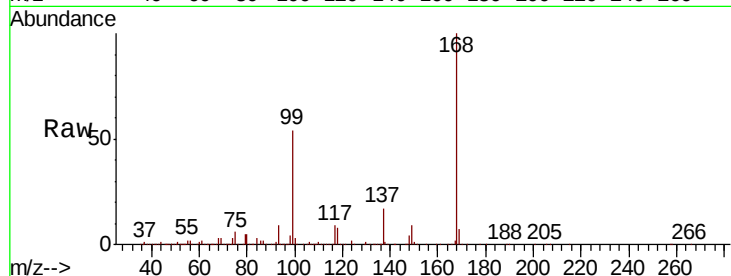
ClientSampleId :

Tot Ion:168 Resp: 588775

Ion Ratio Lower Upper

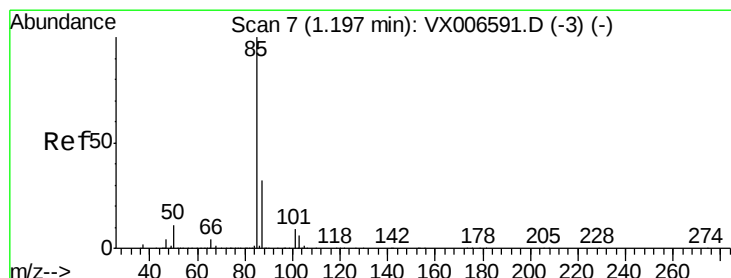
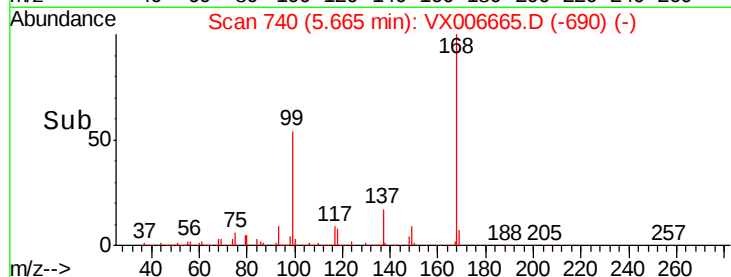
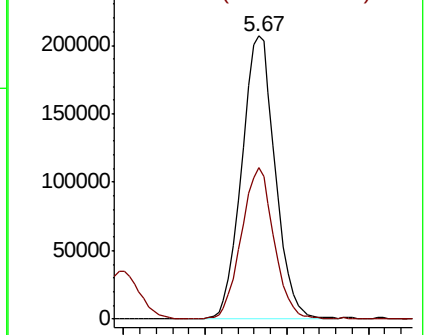
168 100

99 53.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.202 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006665.D

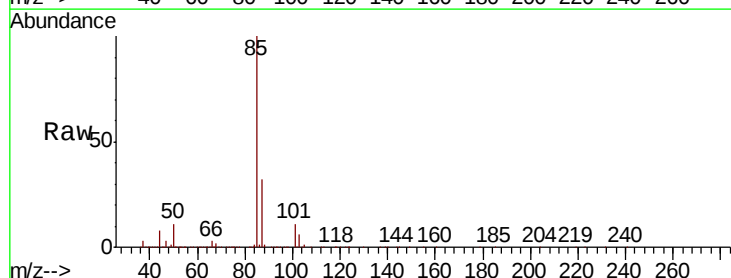
Acq: 20 Dec 2018 10:27

Tgt Ion: 85 Resp: 103428

Ion Ratio Lower Upper

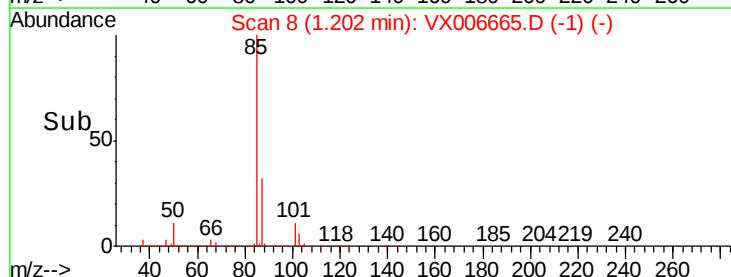
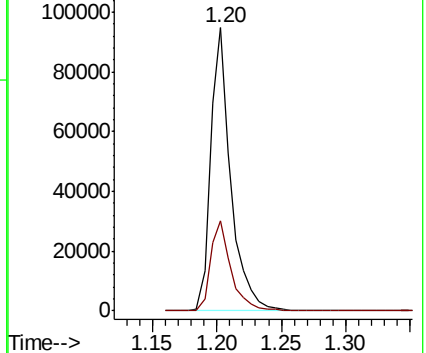
85 100

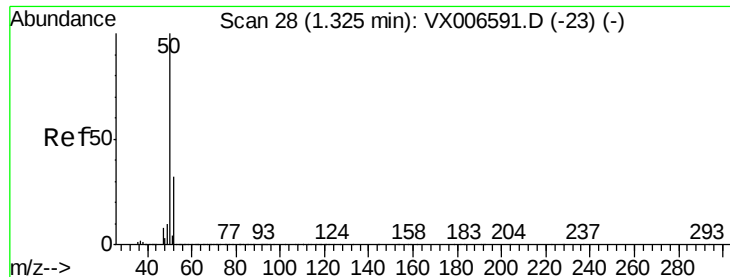
87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.169 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

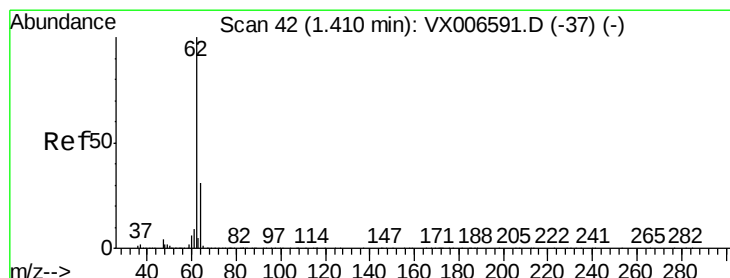
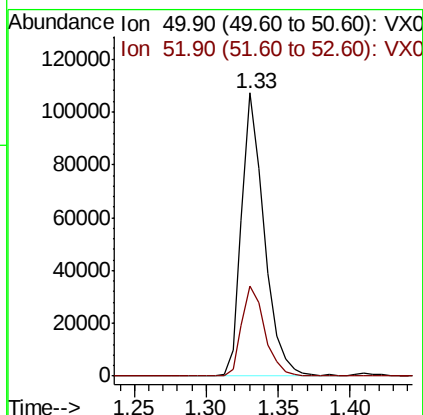
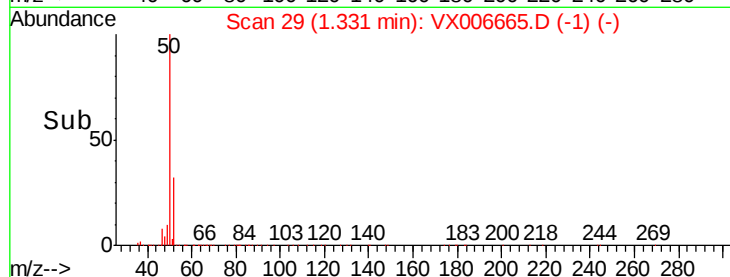
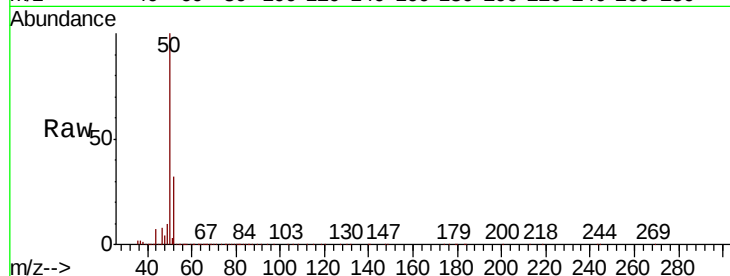
ClientSampleId :

Tot Ion: 50 Resp: 117038

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 19.887 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006665.D

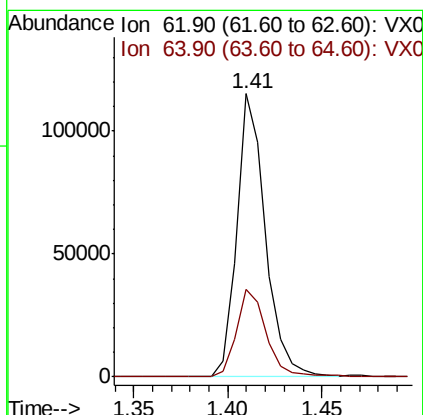
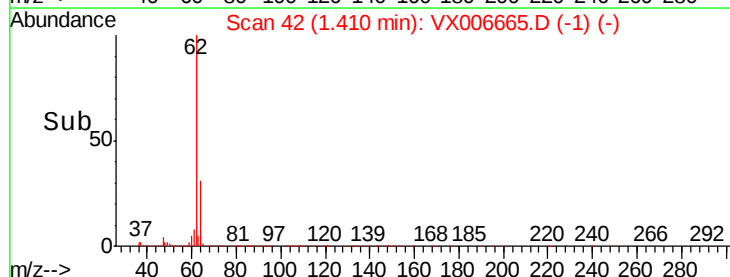
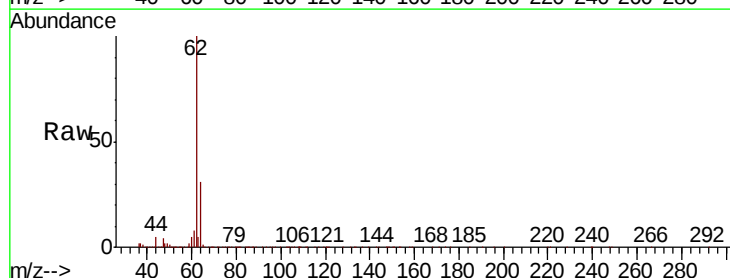
Acq: 20 Dec 2018 10:27

Tgt Ion: 62 Resp: 120528

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 20.925 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

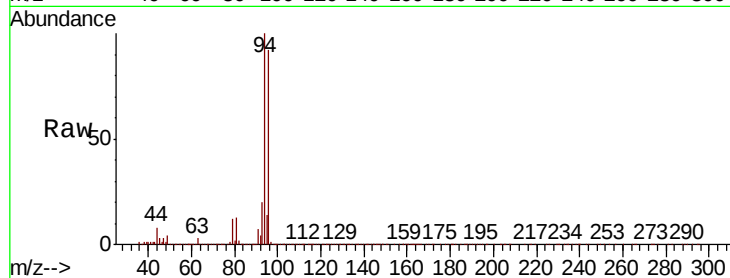
ClientSampleId :

Tot Ion: 94 Resp: 124650

Ion Ratio Lower Upper

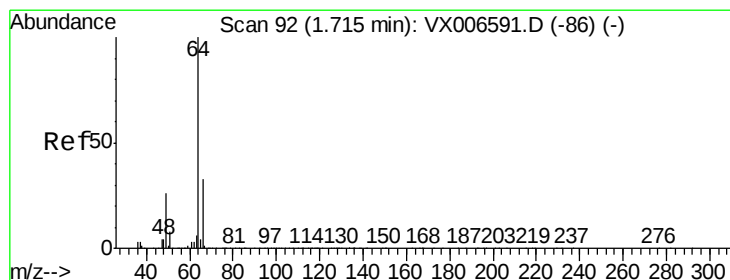
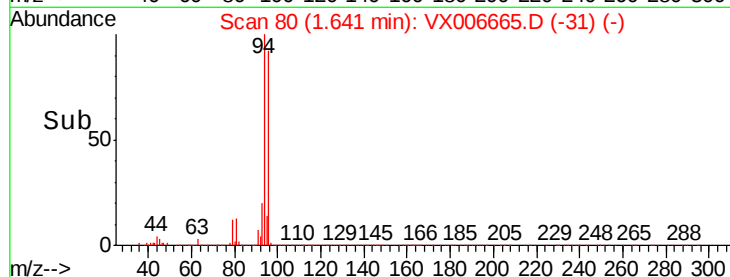
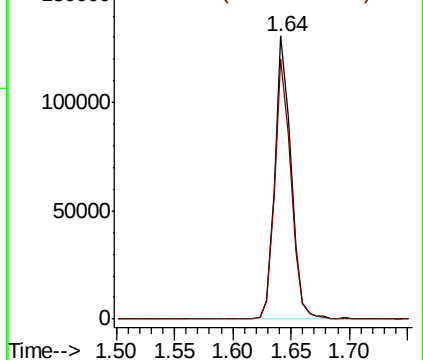
94 100

96 92.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.445 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006665.D

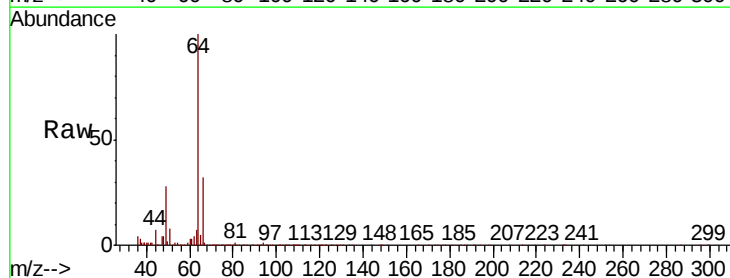
Acq: 20 Dec 2018 10:27

Tgt Ion: 64 Resp: 77403

Ion Ratio Lower Upper

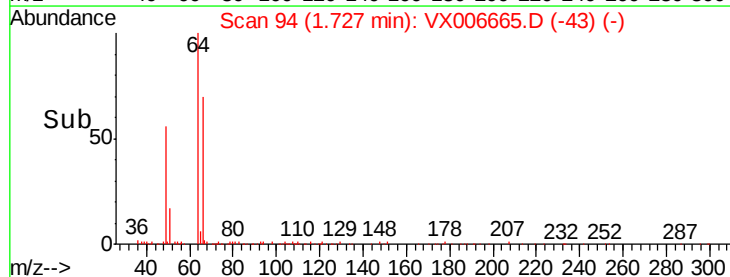
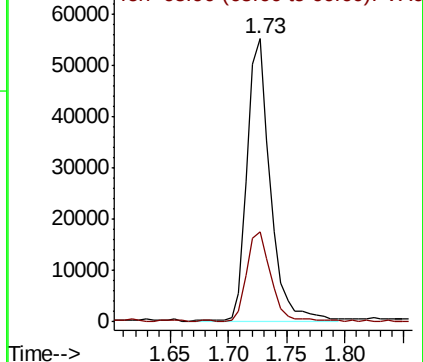
64 100

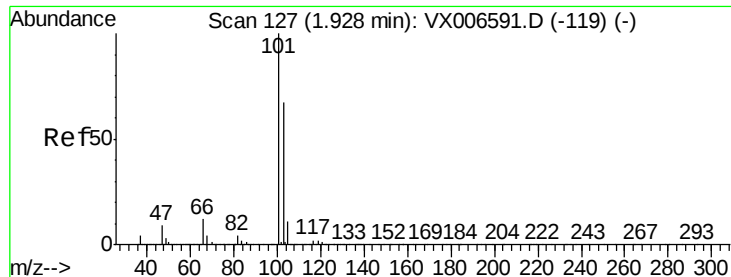
66 31.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



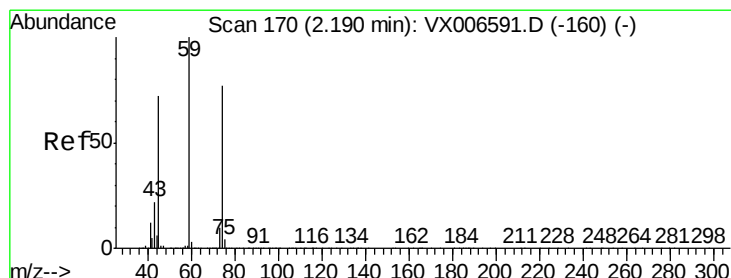
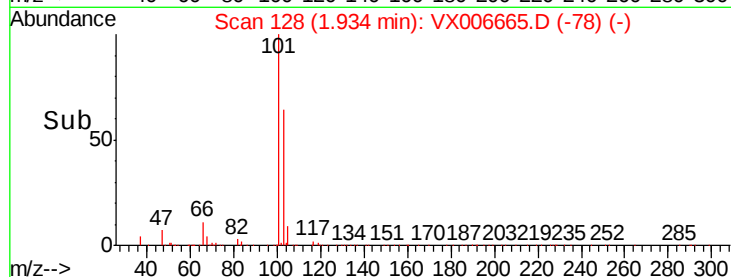
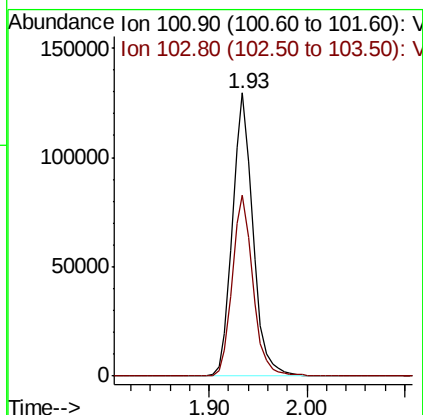
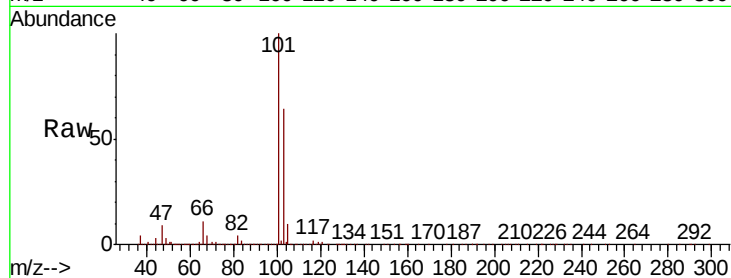


#7

Trichlorofluoromethane
Concen: 19.928 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

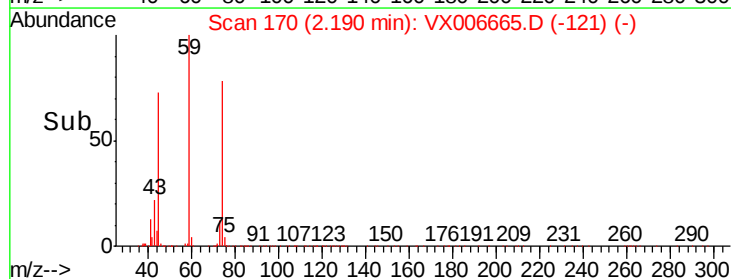
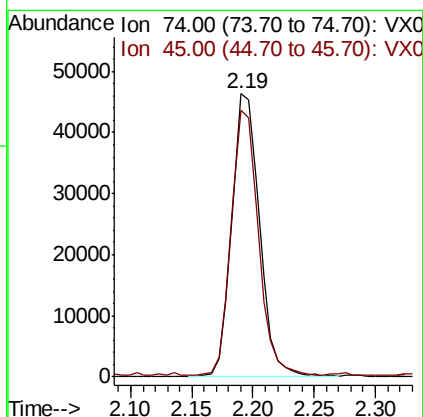
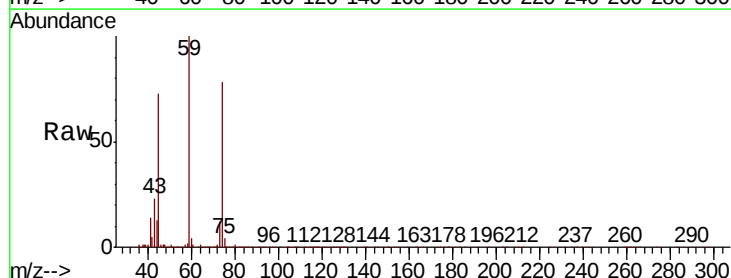
Tot Ion:101 Resp: 188299
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8

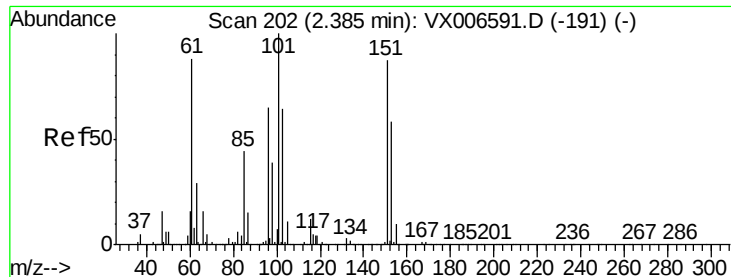


#8

Diethyl Ether
Concen: 19.325 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 74 Resp: 72526
Ion Ratio Lower Upper
74 100
45 92.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.578 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

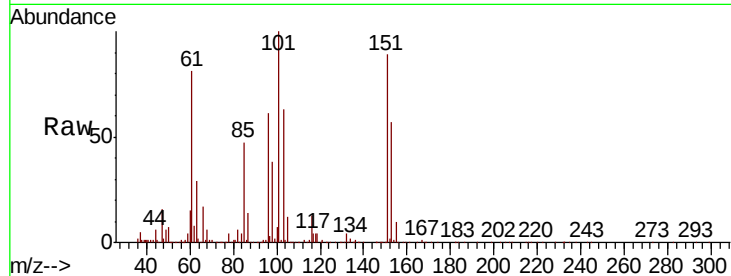
Tot Ion:101 Resp: 108619

Ion Ratio Lower Upper

101 100

85 44.8 35.1 52.7

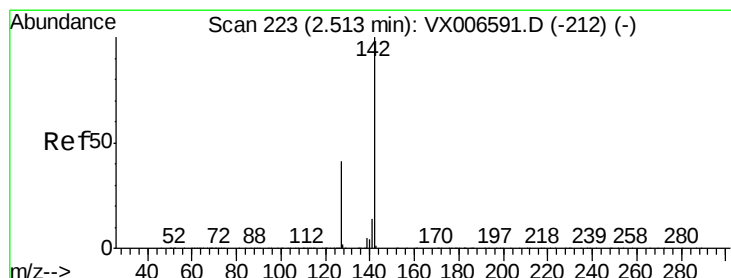
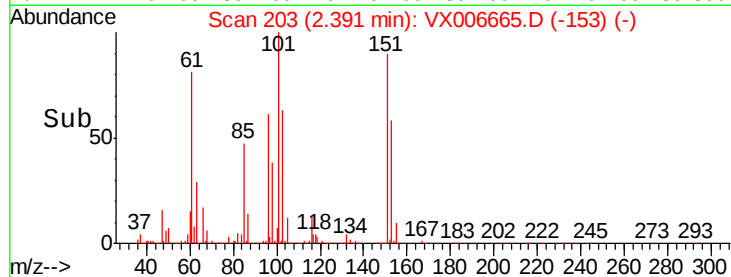
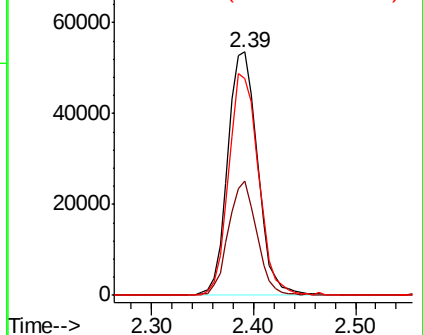
151 90.5 68.9 103.3



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: 20.675 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

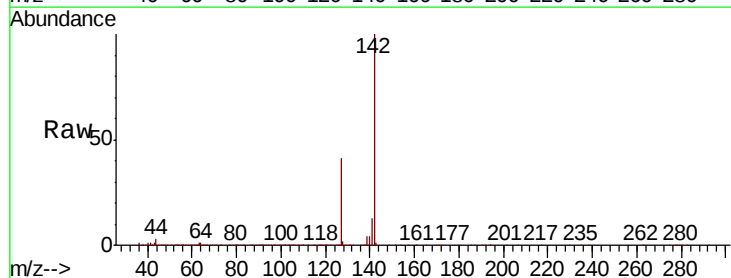
Tgt Ion:142 Resp: 164192

Ion Ratio Lower Upper

142 100

127 43.2 33.9 50.9

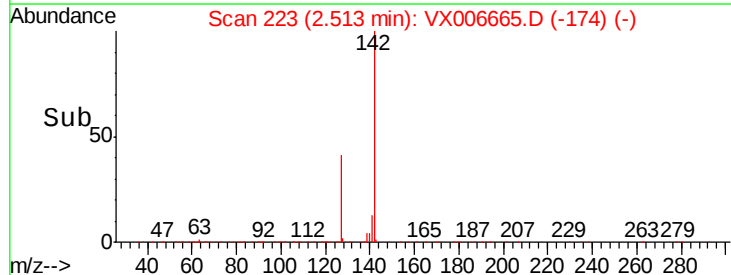
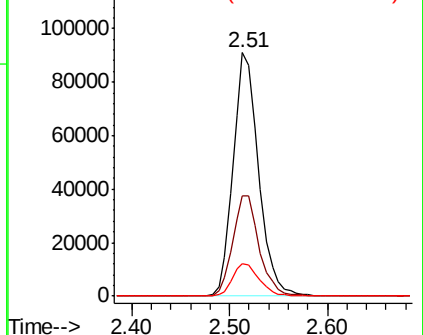
141 14.2 11.4 17.0

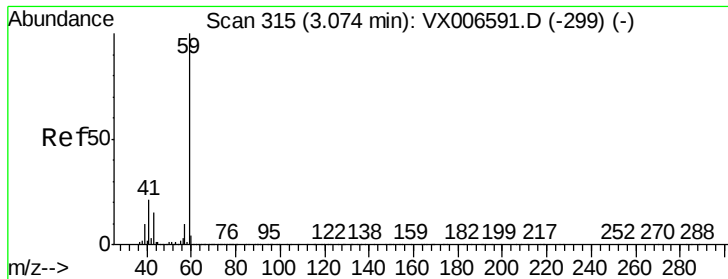


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



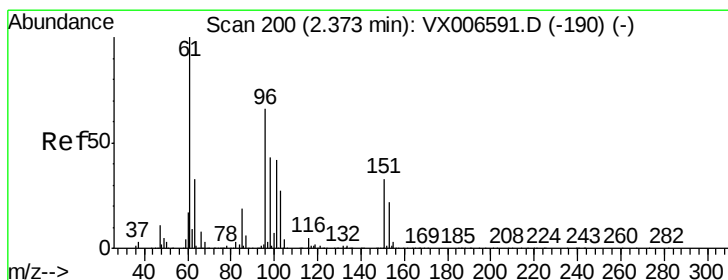
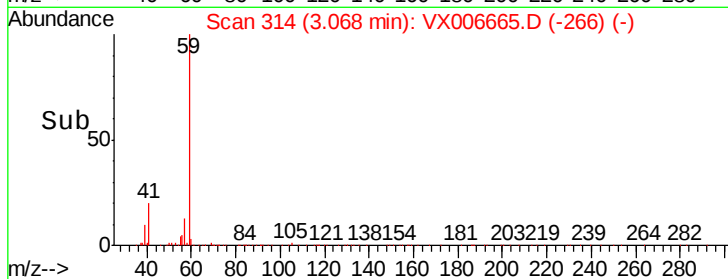
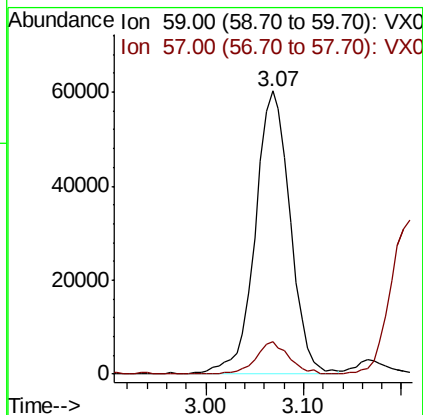
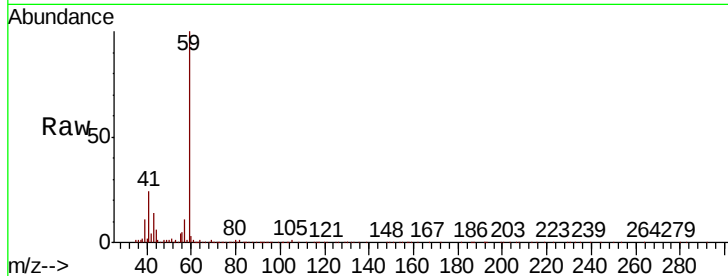


#11

Tert butyl alcohol
Concen: 104.920 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

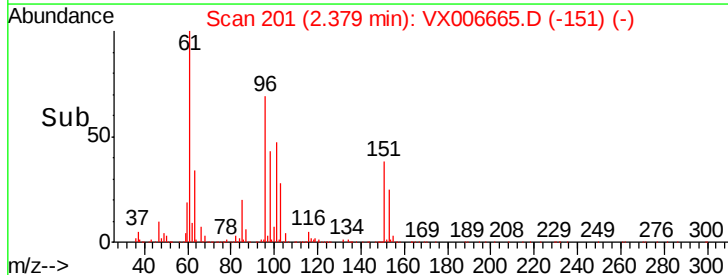
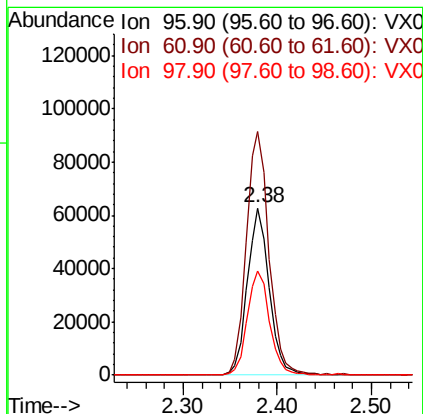
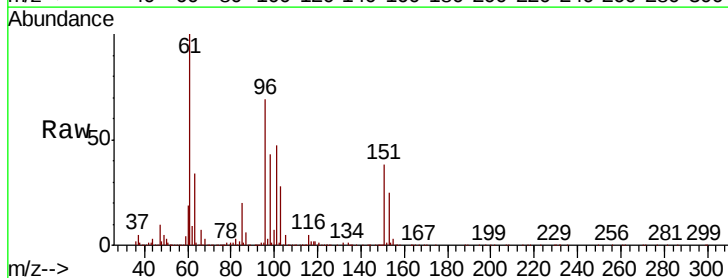
Tot Ion: 59 Resp: 148583
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

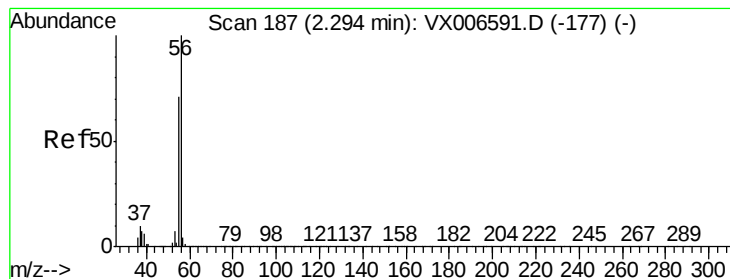


#12

1,1-Dichloroethene
Concen: 19.289 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 96 Resp: 101468
Ion Ratio Lower Upper
96 100
61 145.7 121.4 182.2
98 62.6 51.9 77.9





#13

Acrolein

Concen: 84.348 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

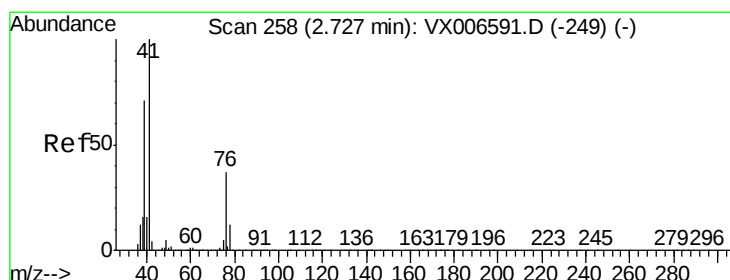
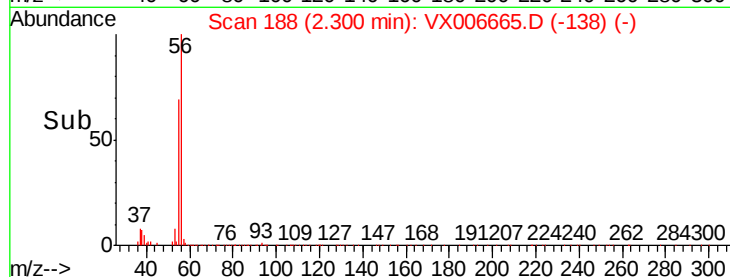
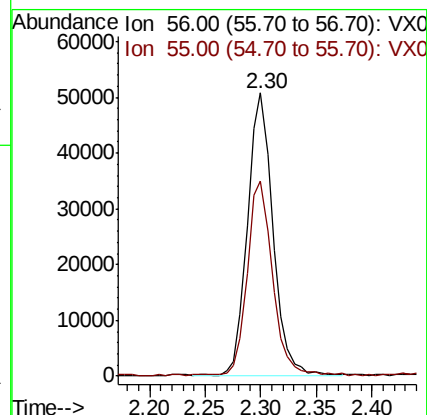
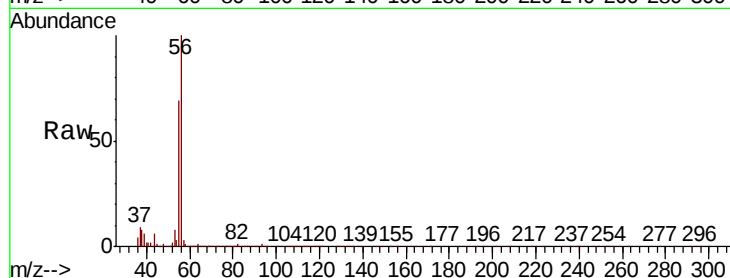
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 80582

Ion Ratio Lower Upper

56 100

55 66.9 58.2 87.4



#14

Allyl chloride

Concen: 19.708 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

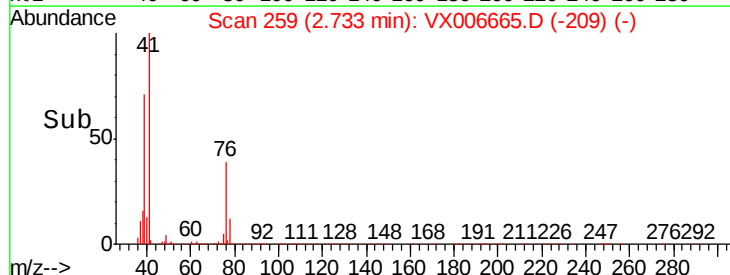
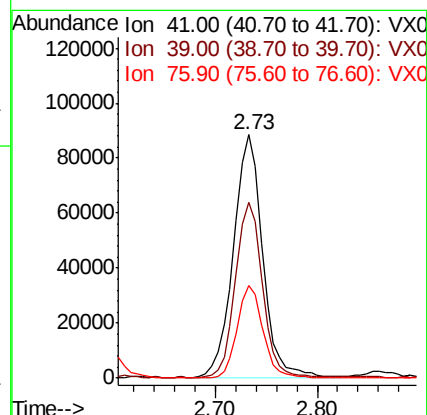
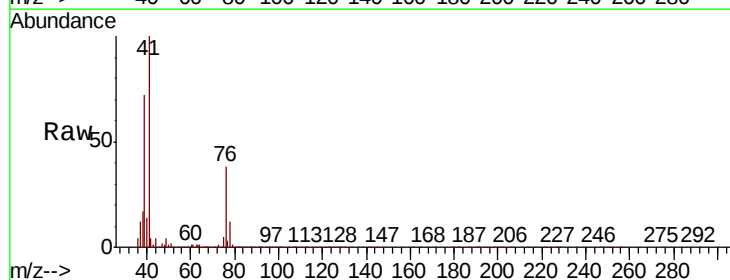
Tgt Ion: 41 Resp: 174513

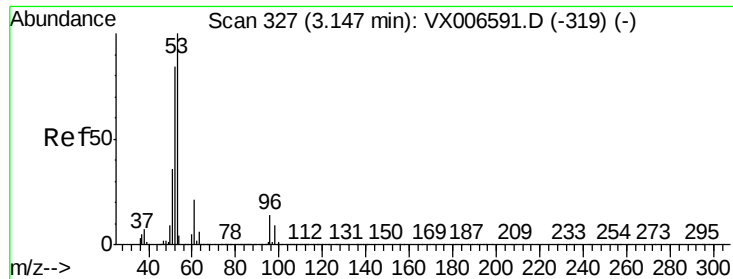
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 33.0 27.4 41.2

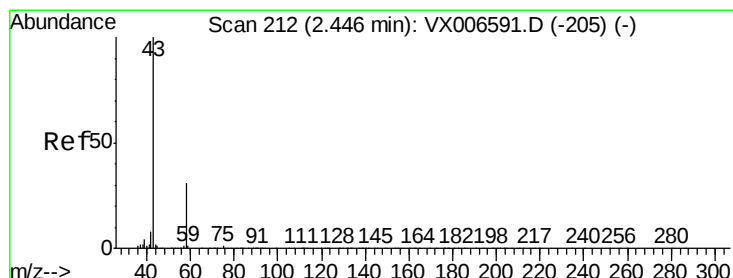
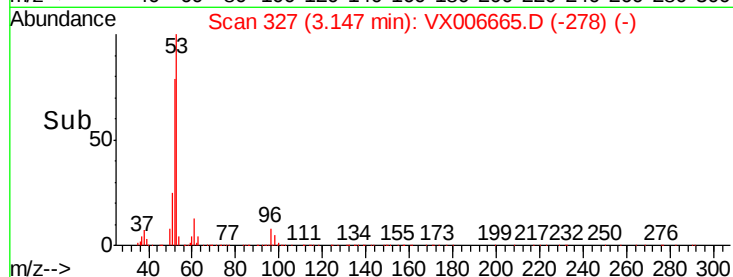
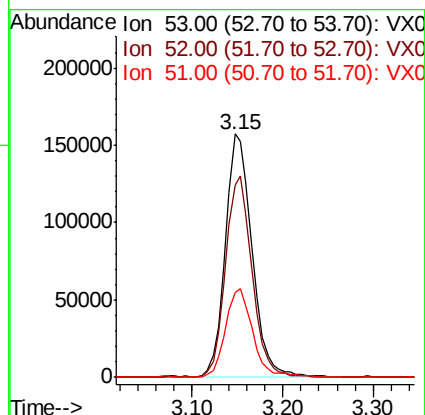
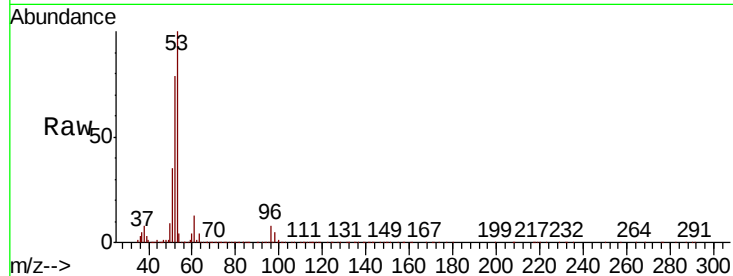




#15
Acrylonitrile
Concen: 102.104 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

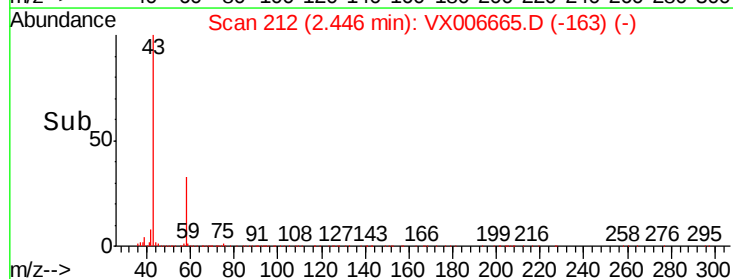
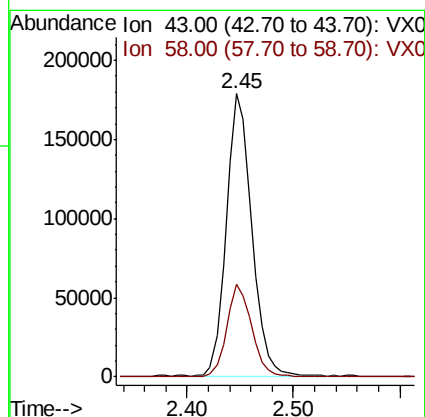
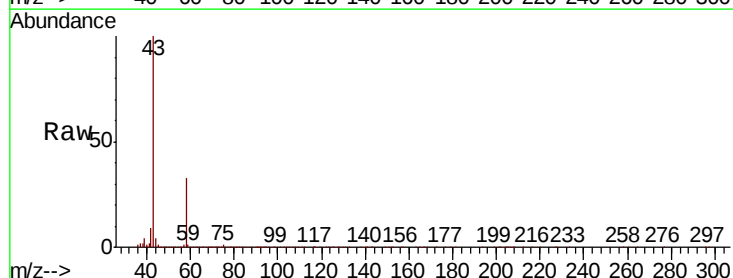
Instrument :
MSVOA_X
ClientSampleId :

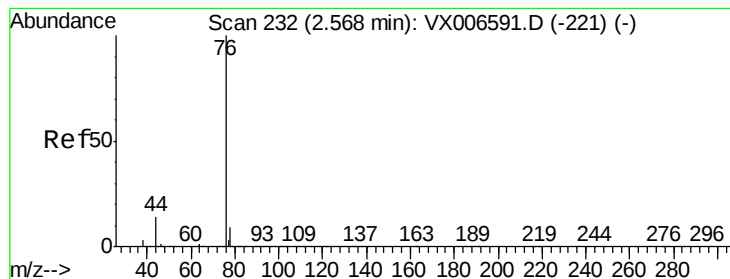
Tot Ion	53	Resp	321047
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	36.9	28.6	42.8



#16
Acetone
Concen: 101.838 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion	43	Resp	296894
Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.0	37.6





#17

Carbon Disulfide

Concen: 16.829 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

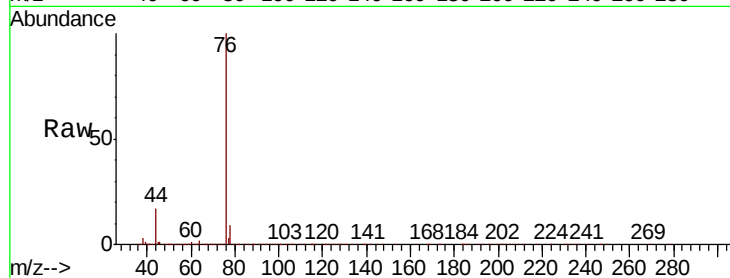
ClientSampleId :

Tot Ion: 76 Resp: 234281

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

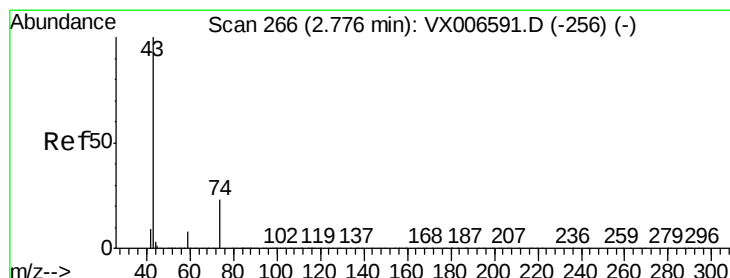
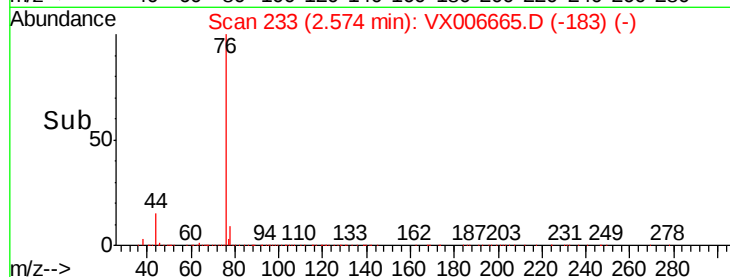
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 21.016 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006665.D

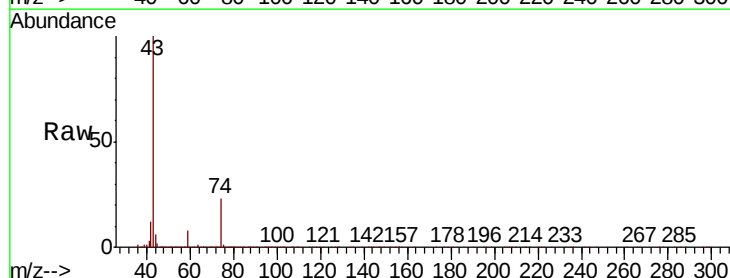
Acq: 20 Dec 2018 10:27

Tgt Ion: 43 Resp: 180162

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

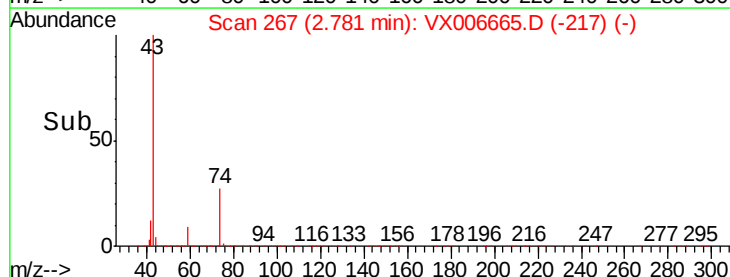
60000

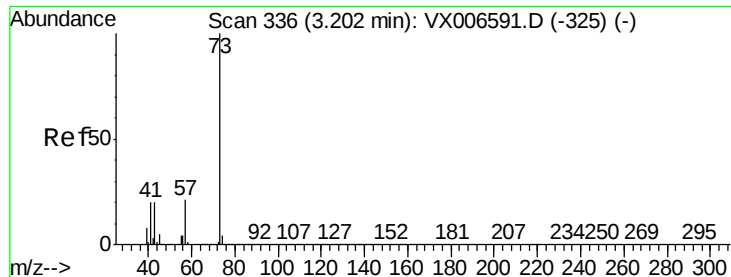
40000

20000

0

Time-->

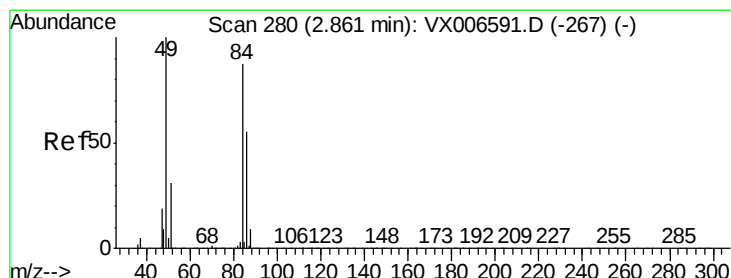
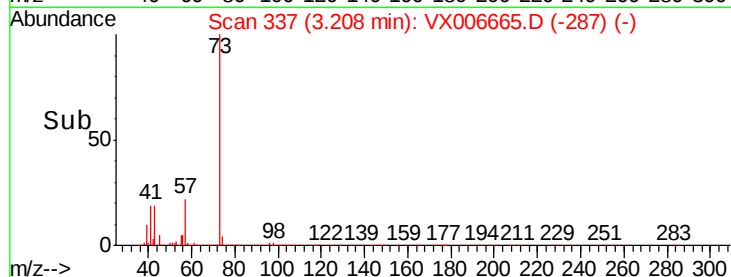
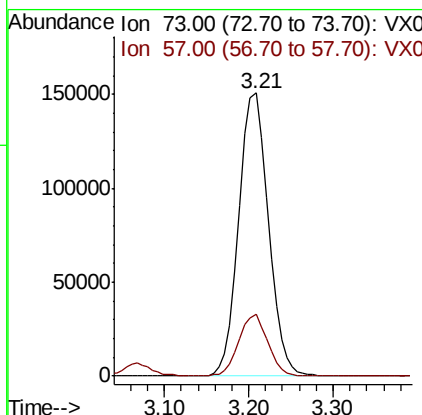
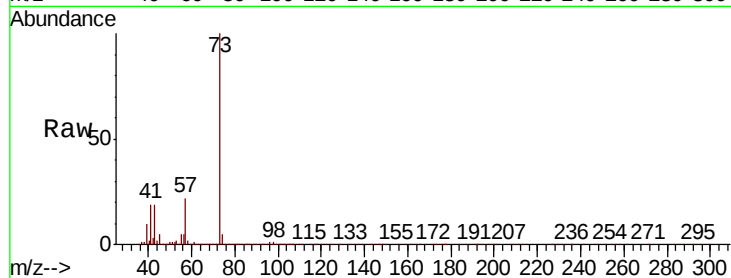




#19
Methvl tert-butvl Ether
Concen: 20.653 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

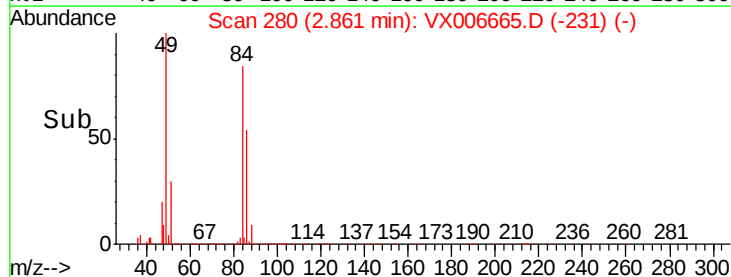
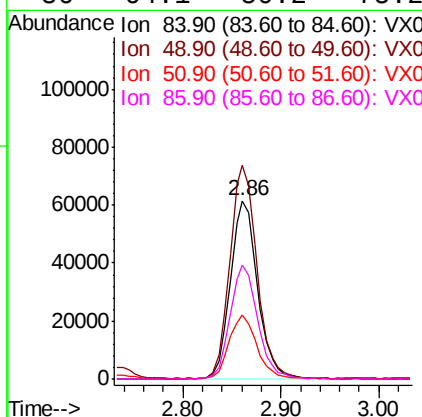
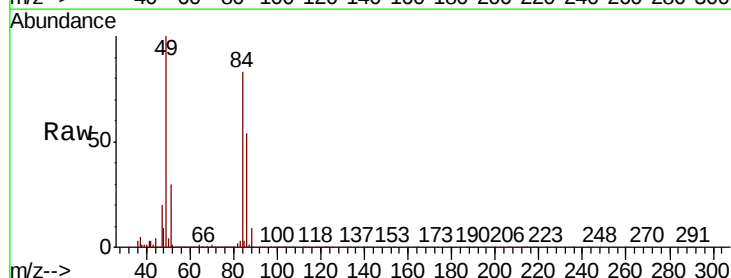
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 360594
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 19.650 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 84 Resp: 118460
Ion Ratio Lower Upper
84 100
49 119.5 91.8 137.6
51 35.8 28.5 42.7
86 64.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.908 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

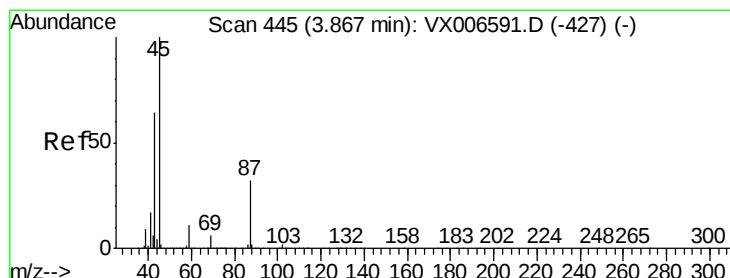
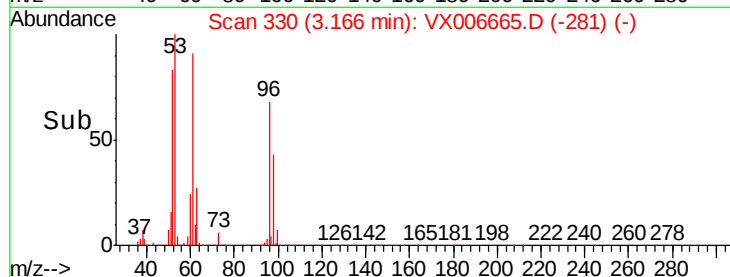
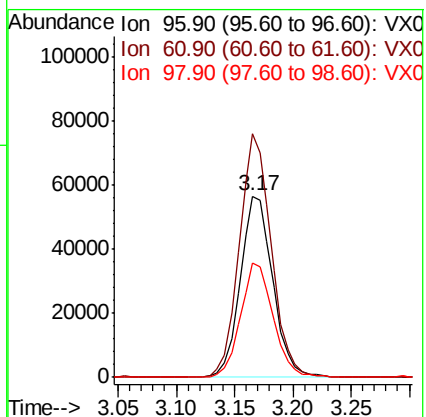
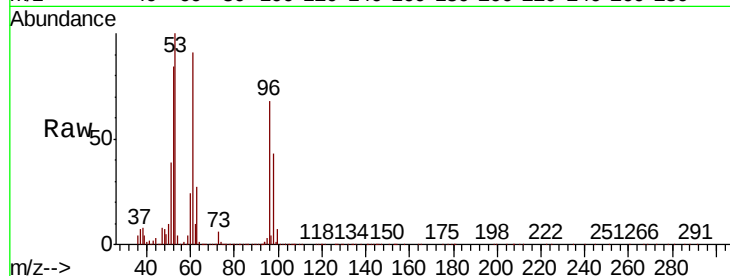
Tot Ion: 96 Resp: 110207

Ion Ratio Lower Upper

96 100

61 134.1 103.7 155.5

98 63.2 51.0 76.6



#22

Diisopropyl ether

Concen: 20.646 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Tgt Ion: 45 Resp: 334454

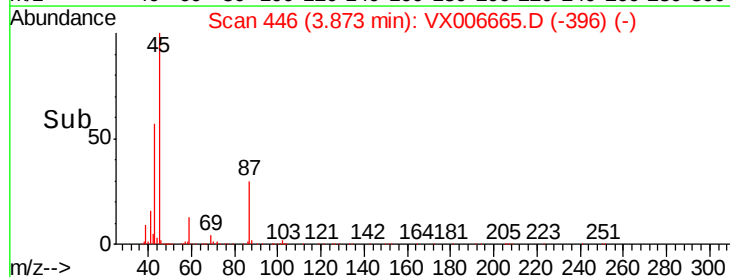
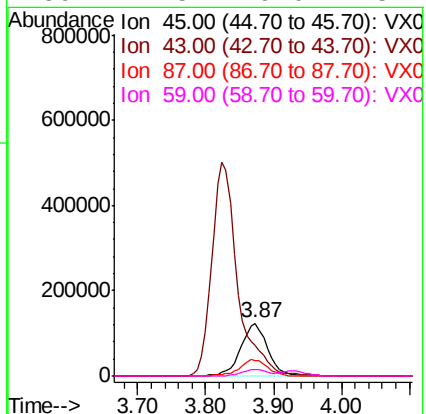
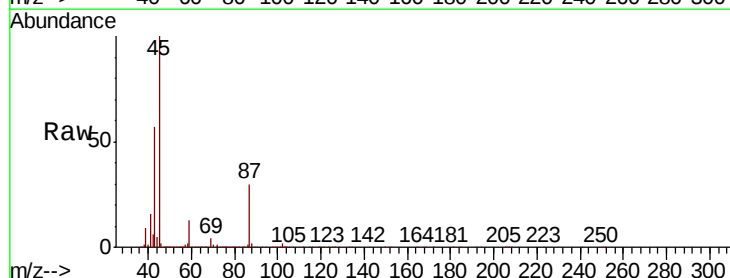
Ion Ratio Lower Upper

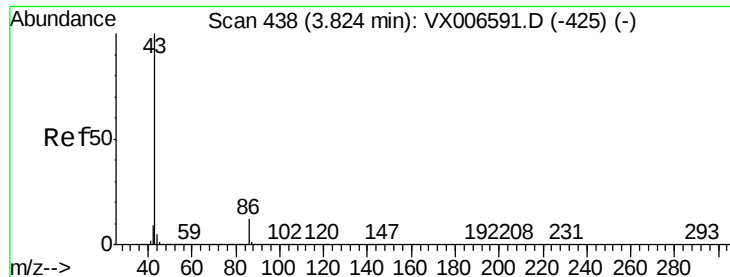
45 100

43 56.6 51.2 76.8

87 30.3 25.8 38.6

59 12.5 9.0 13.4





#23

Vinyl Acetate

Concen: 99.882 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

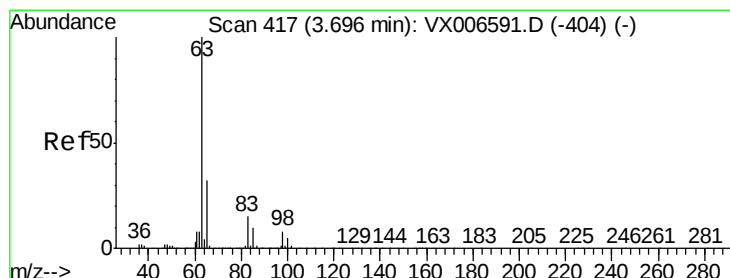
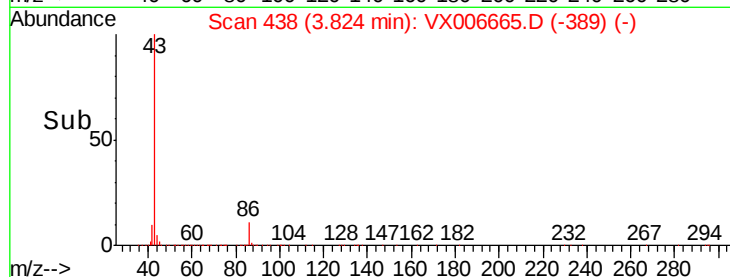
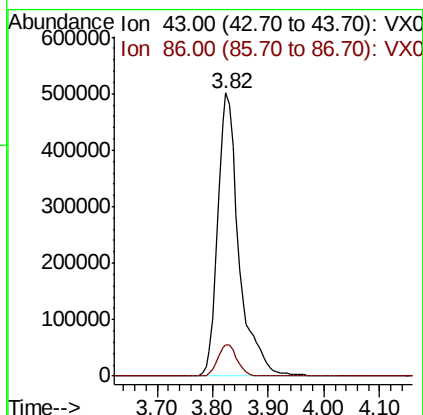
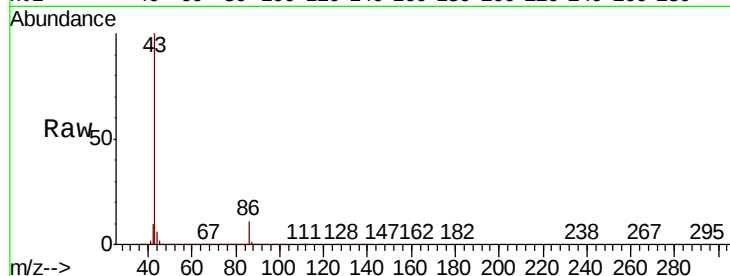
ClientSampled :

Tot Ion: 43 Resp: 1323485

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.961 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

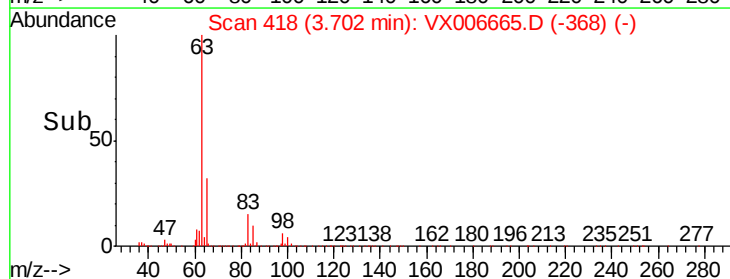
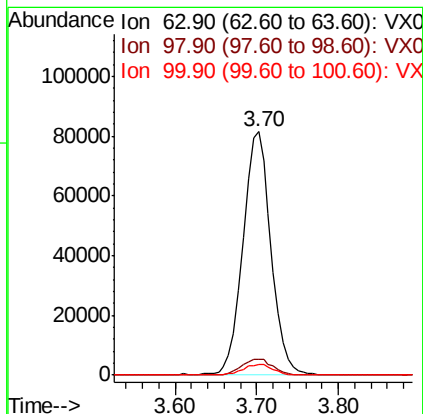
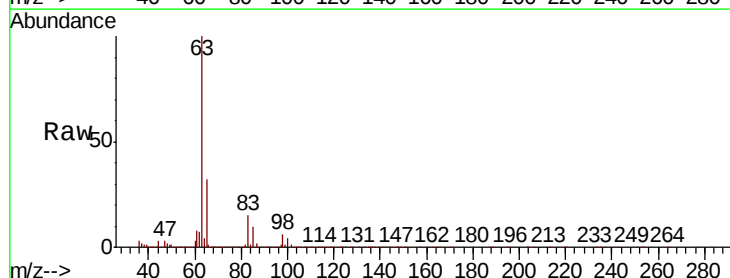
Tgt Ion: 63 Resp: 193024

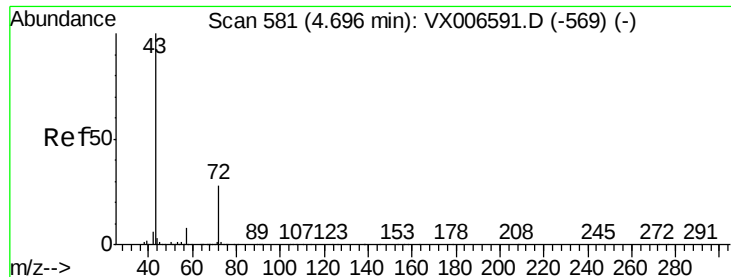
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.5

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 101.957 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

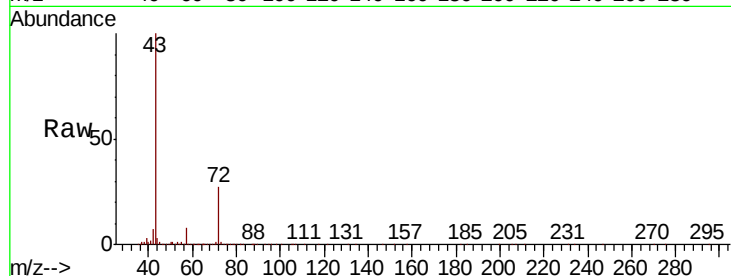
ClientSampleId :

Tot Ion: 43 Resp: 418105

Ion Ratio Lower Upper

43 100

72 26.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

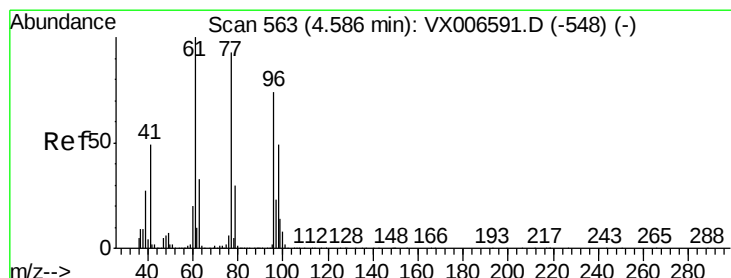
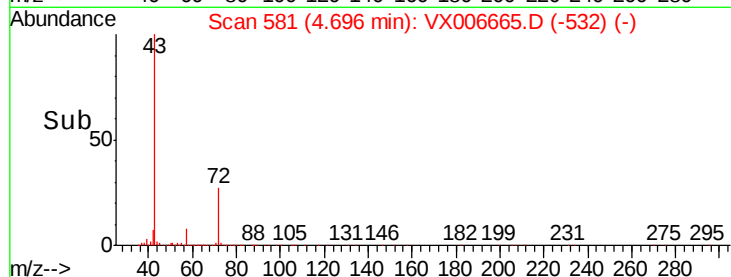
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.486 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX006665.D

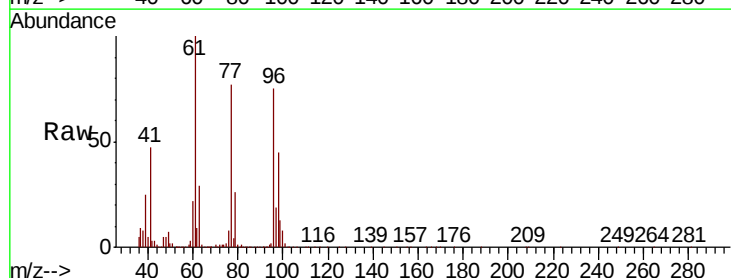
Acq: 20 Dec 2018 10:27

Tgt Ion: 77 Resp: 138089

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

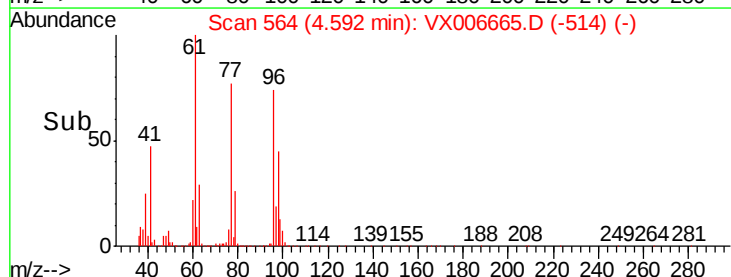
20000

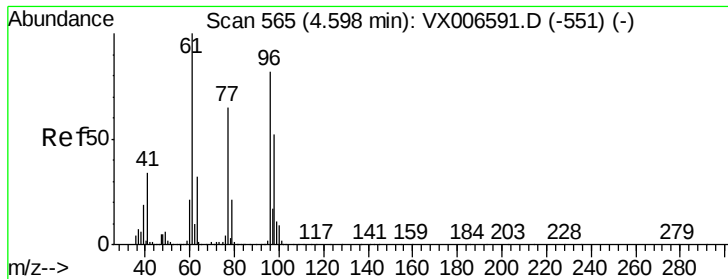
10000

0

4.40 4.50 4.60 4.70

Time-->



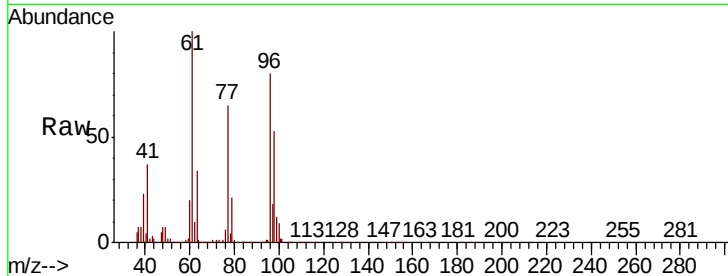


#27

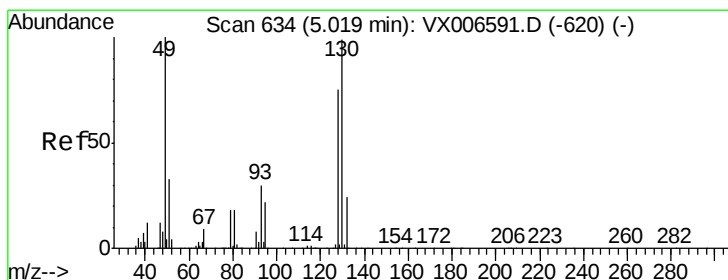
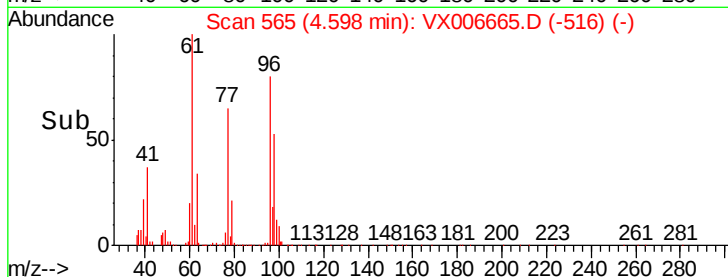
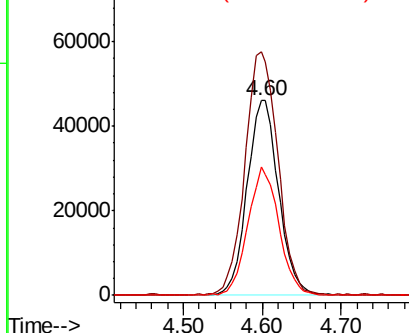
cis-1,2-Dichloroethene
 Concen: 19.969 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	258.6
98	64.8	0.0	132.0



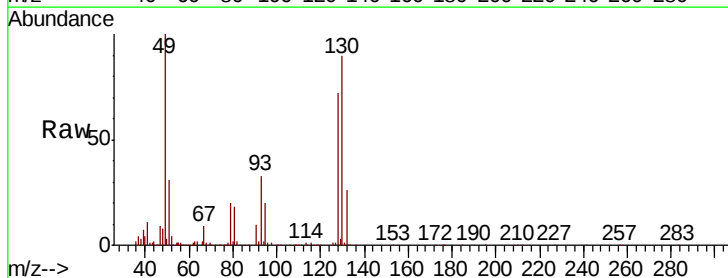
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



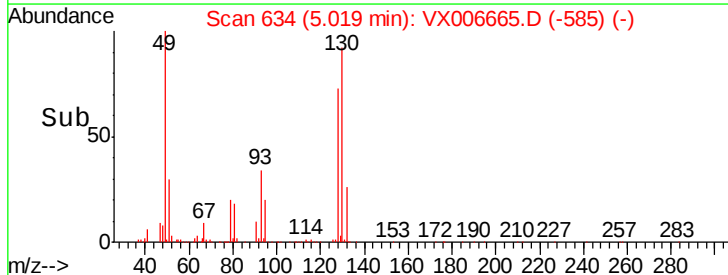
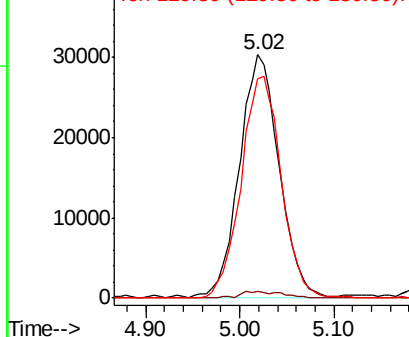
#28

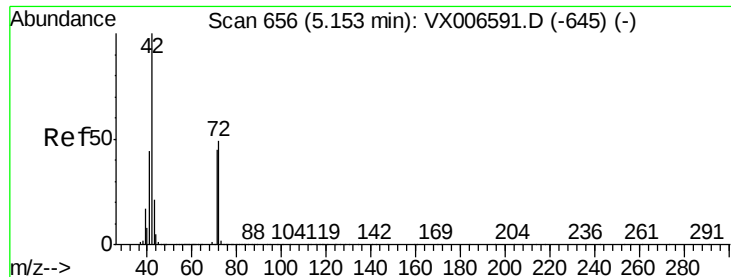
Bromochloromethane
 Concen: 20.660 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	92.9	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.193 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

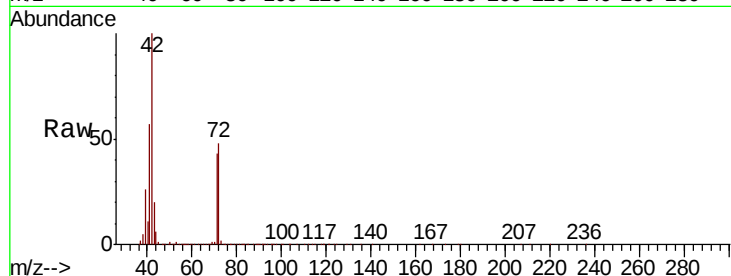
Tot Ion: 42 Resp: 273314

Ion Ratio Lower Upper

42 100

72 48.2 38.9 58.3

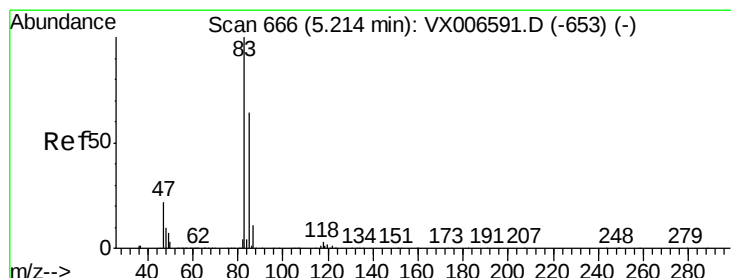
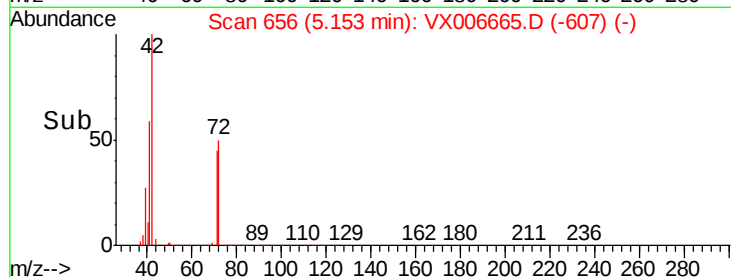
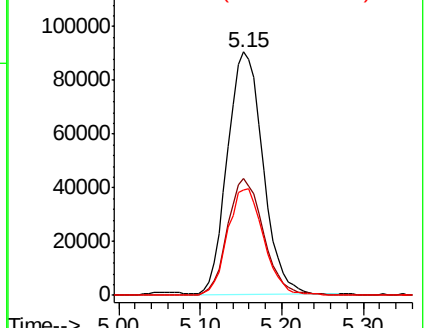
71 44.6 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.798 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006665.D

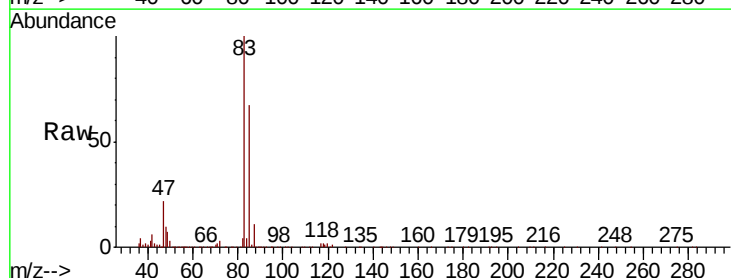
Acq: 20 Dec 2018 10:27

Tgt Ion: 83 Resp: 198252

Ion Ratio Lower Upper

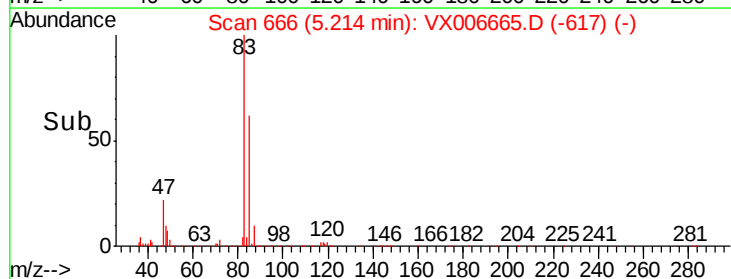
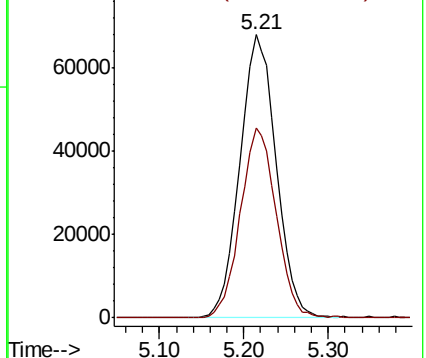
83 100

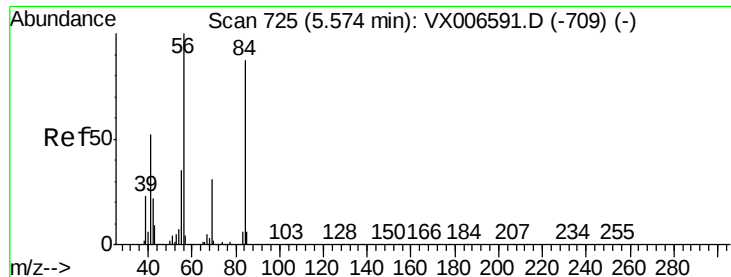
85 66.9 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

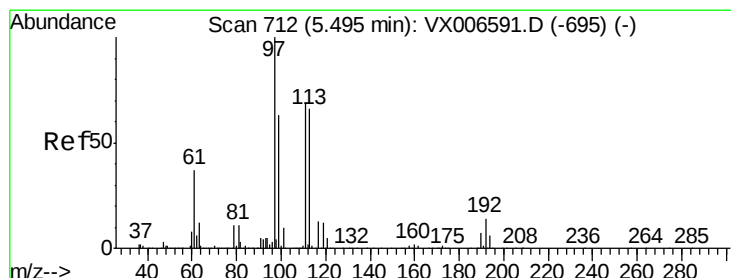
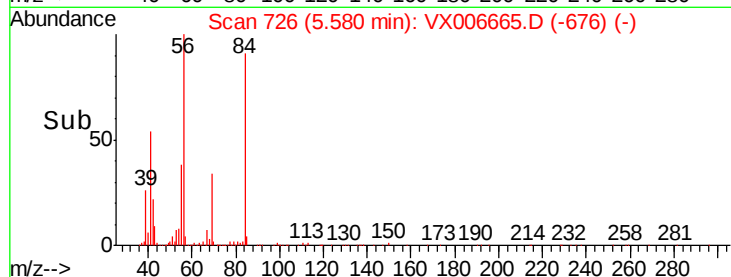
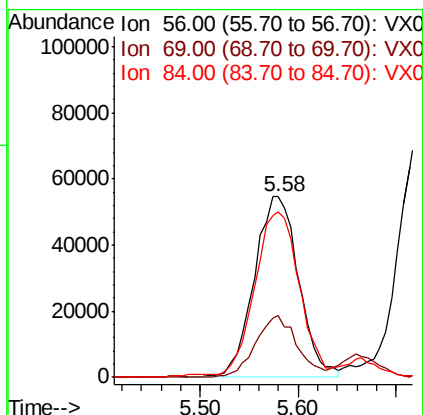
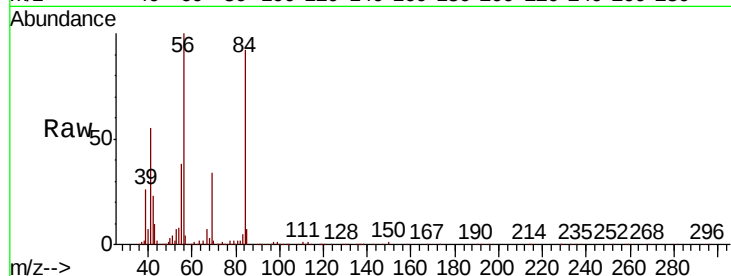




#31
Cyclohexane
Concen: 19.496 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

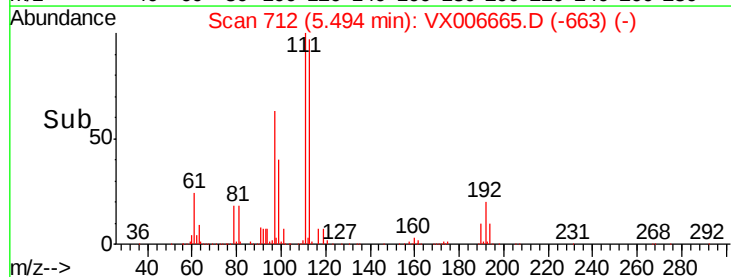
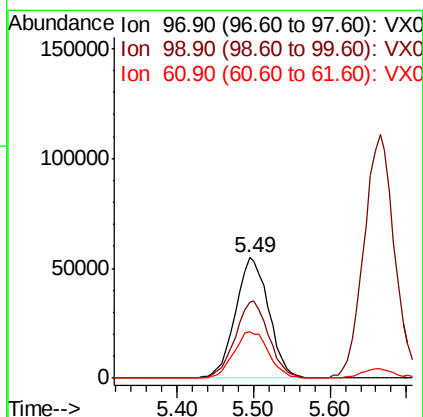
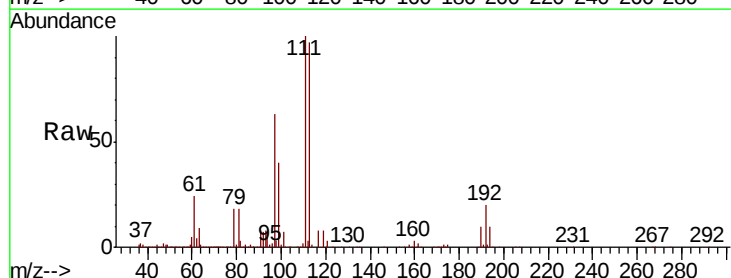
Instrument :
MSVOA_X
ClientSampleId :

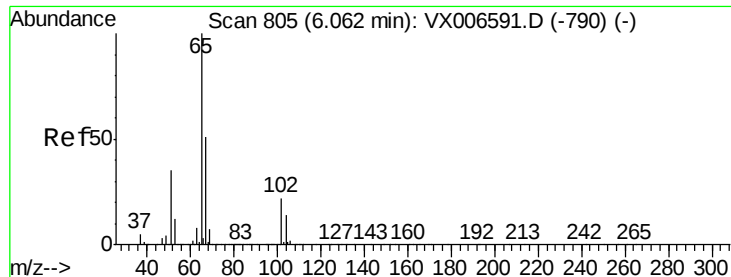
Tot Ion: 56 Resp: 171272
Ion Ratio Lower Upper
56 100
69 33.2 24.4 36.6
84 90.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.614 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 97 Resp: 165849
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 40.7 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.089 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

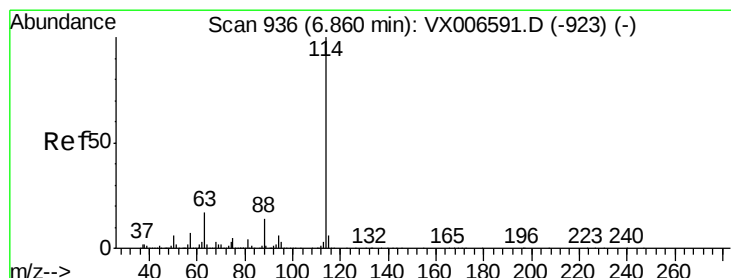
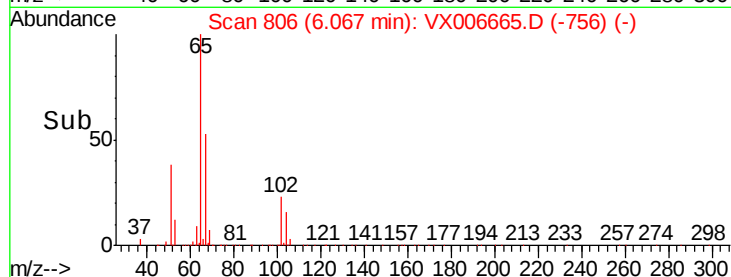
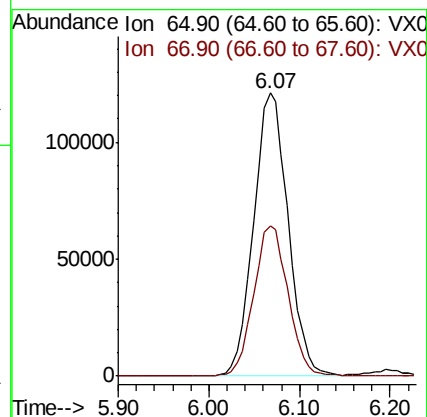
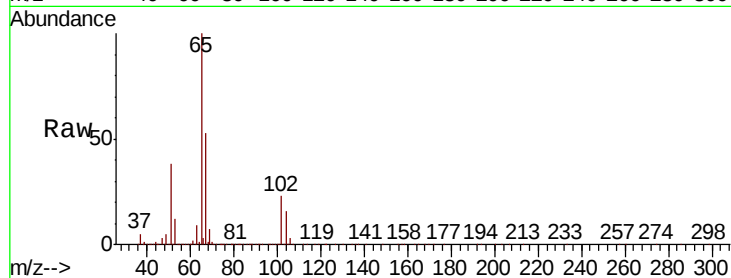
ClientSampled :

Tot Ion: 65 Resp: 317844

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

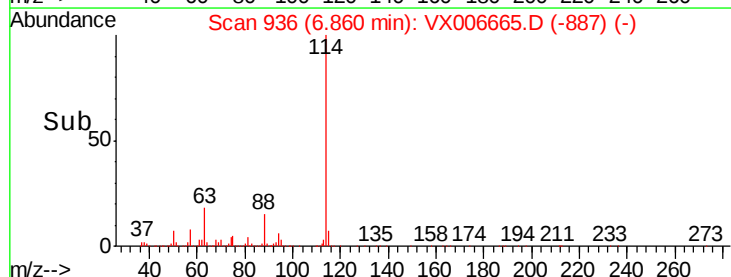
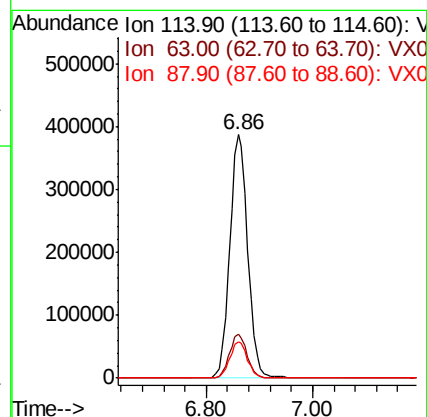
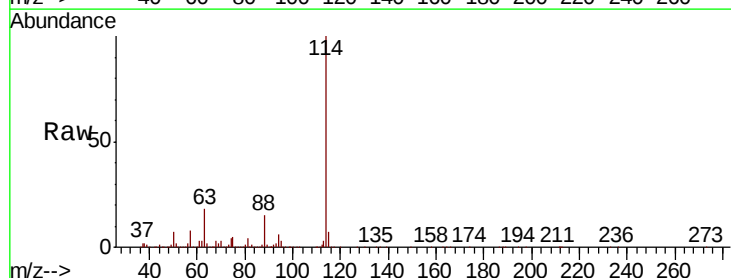
Tgt Ion: 114 Resp: 912822

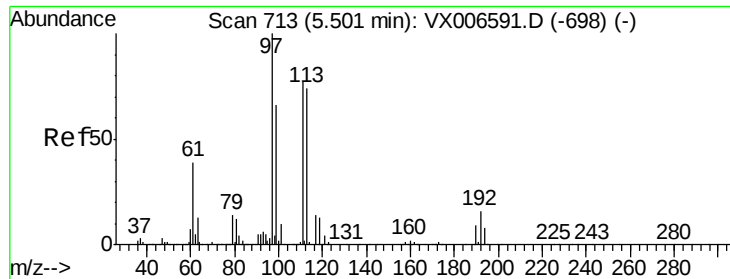
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.593 ug/l

RT: 5.50 min Scan# 713

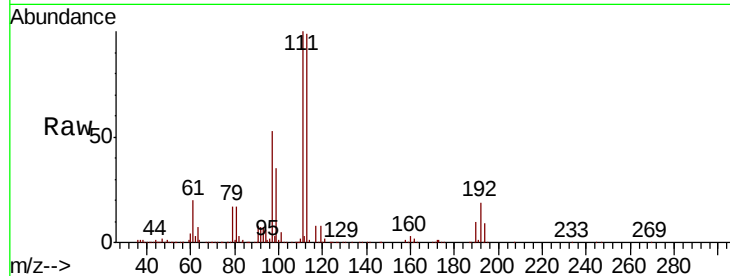
Delta R.T. -0.00 min

Lab File: VX006665.D

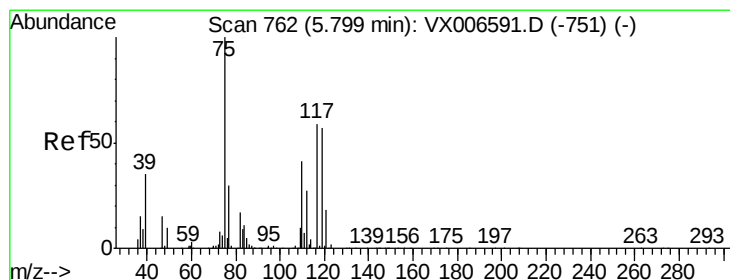
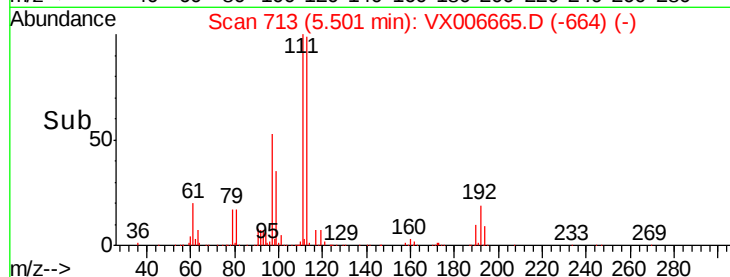
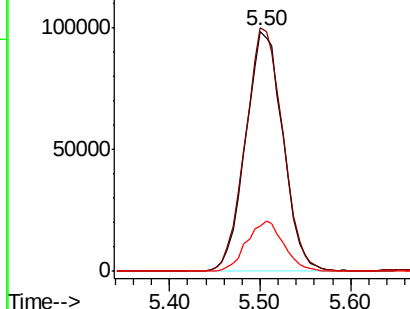
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	280506
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	21.0	16.7	25.1



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: 19.700 ug/l

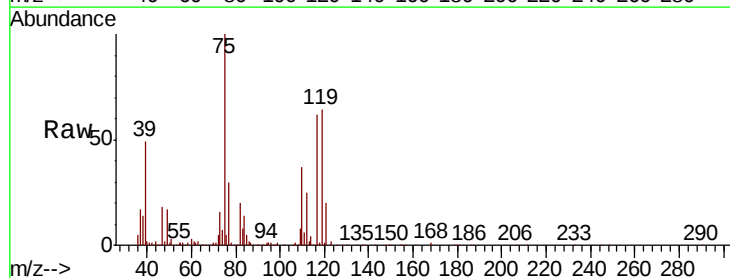
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

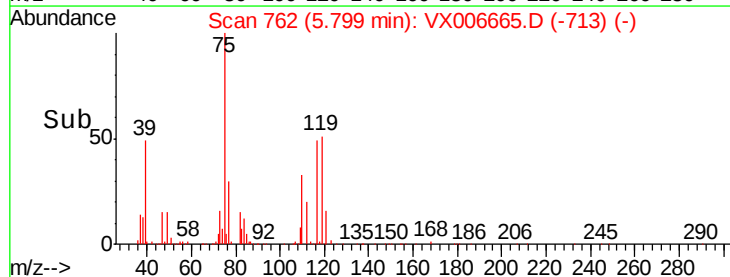
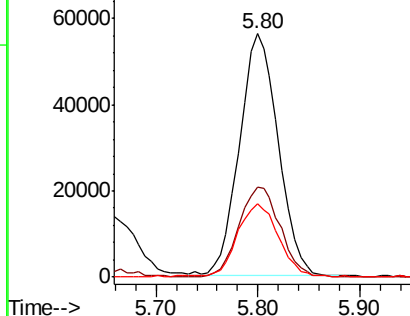
Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Tgt Ion:	75	Resp:	148940
Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.2	60.5
77	31.5	24.8	37.2



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

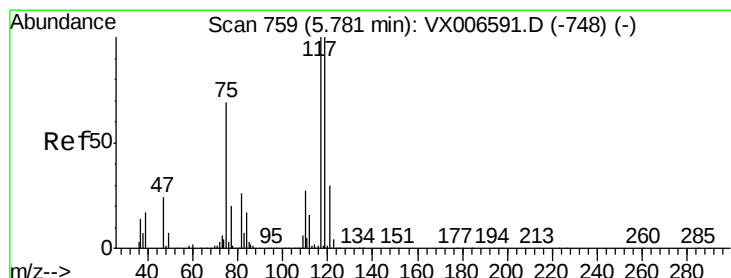
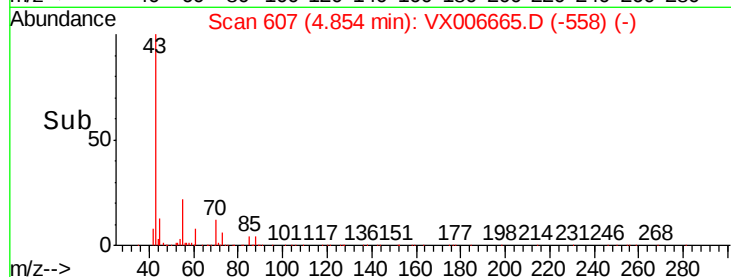
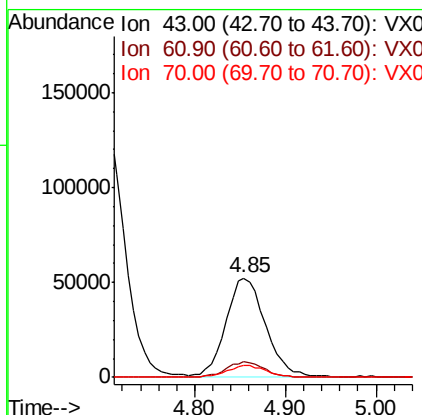
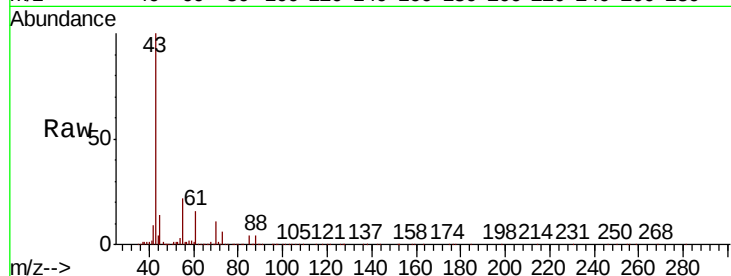




#37
Ethyl Acetate
Concen: 19.852 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

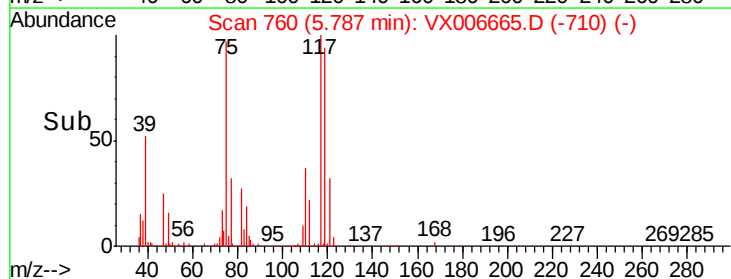
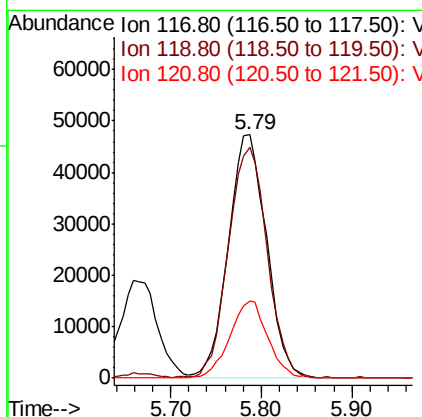
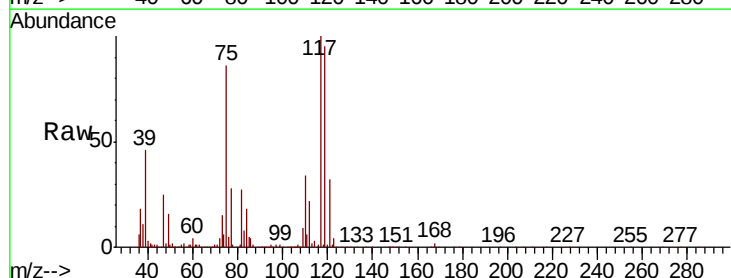
Instrument :
MSVOA_X
ClientSampleId :

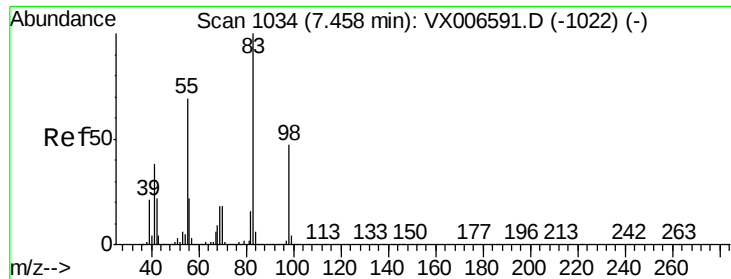
Tot Ion: 43 Resp: 156209
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.784 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 117 Resp: 138012
Ion Ratio Lower Upper
117 100
119 95.2 79.4 119.2
121 31.9 24.0 36.0

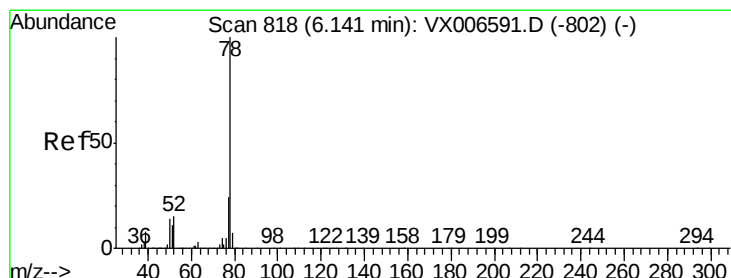
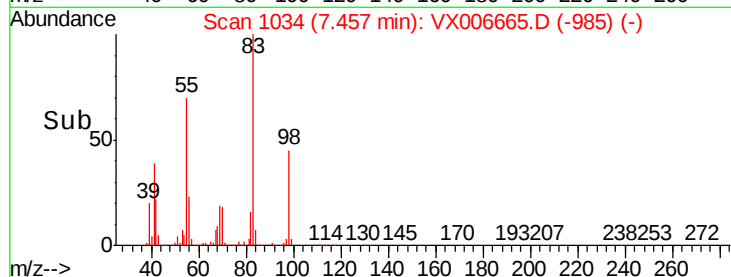
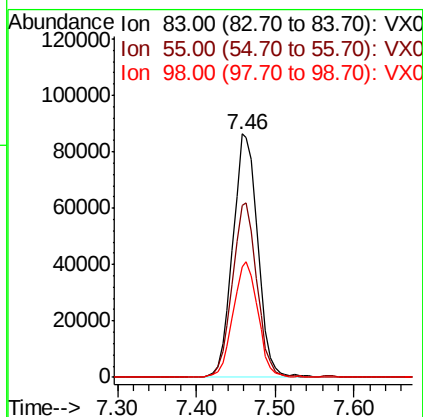
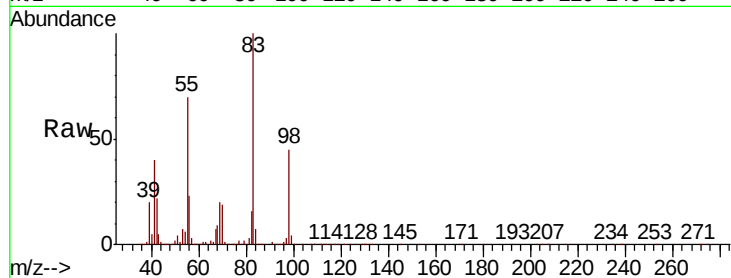




#39
Methvlcvclohexane
Concen: 19.156 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

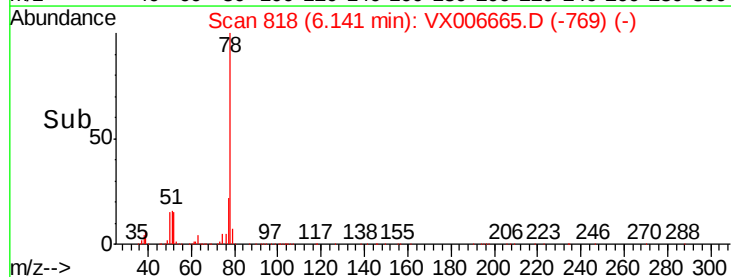
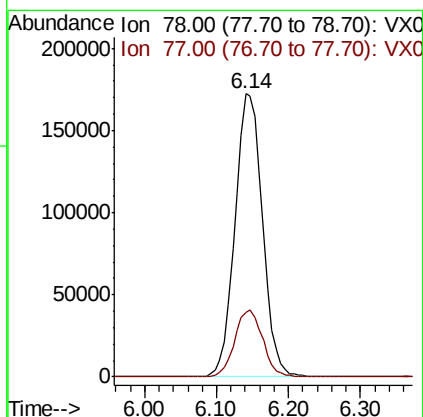
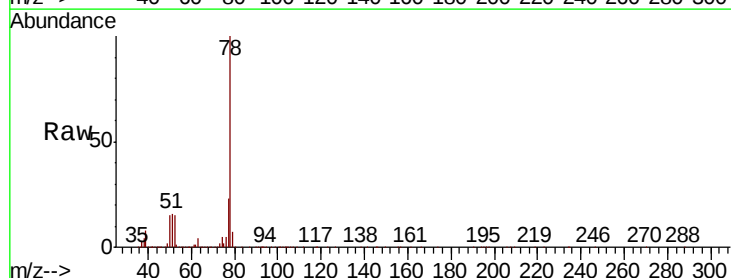
Instrument :
MSVOA_X
ClientSampleId :

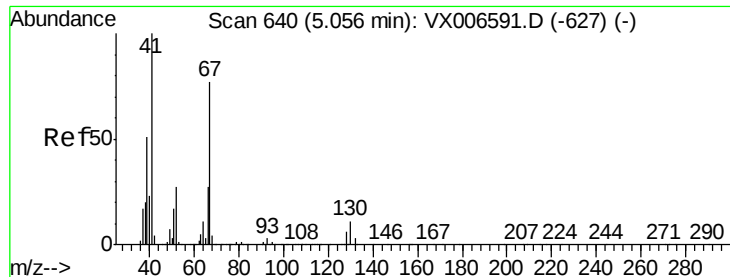
Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	54.9	82.3
98	45.4	37.9	56.9



#40
Benzene
Concen: 19.887 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41

Methacrylonitrile

Concen: 20.952 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 87530

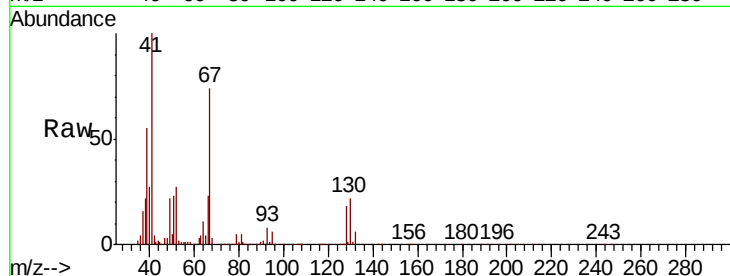
Ion Ratio Lower Upper

41 100

39 54.7 42.8 64.2

67 78.4 62.1 93.1

52 32.1 23.4 35.0

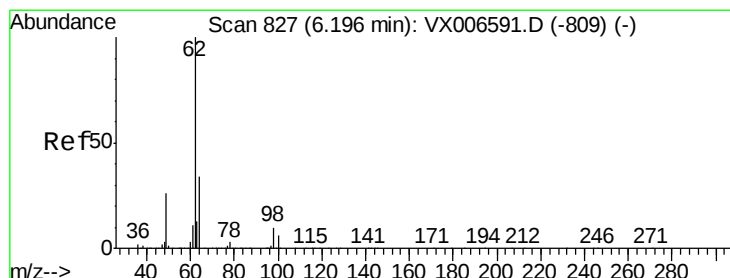
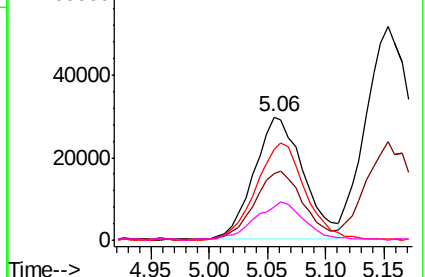
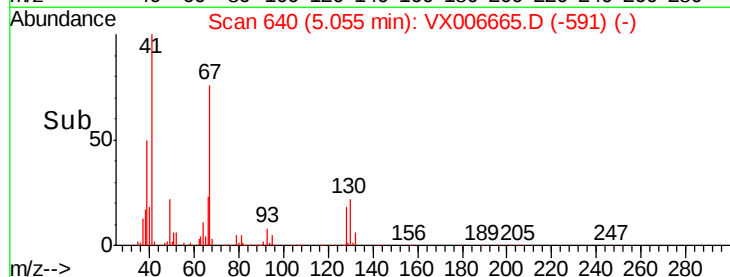


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.661 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006665.D

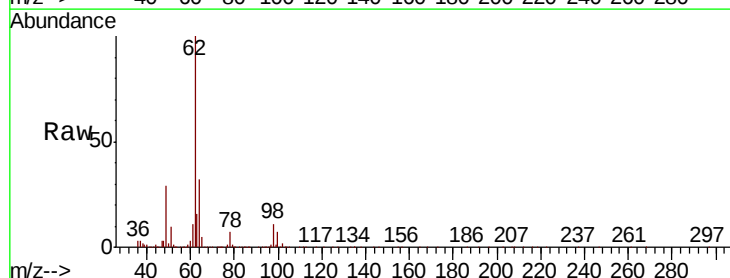
Acq: 20 Dec 2018 10:27

Tgt Ion: 62 Resp: 153959

Ion Ratio Lower Upper

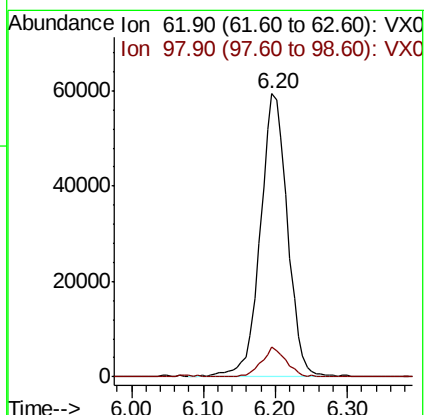
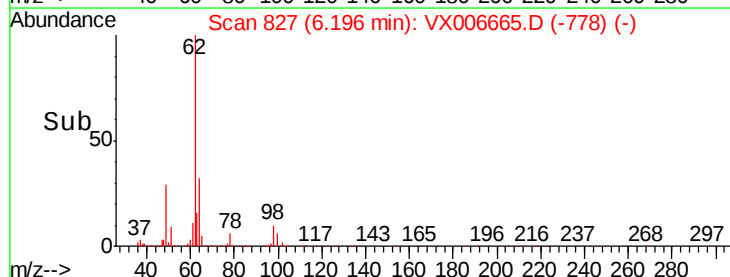
62 100

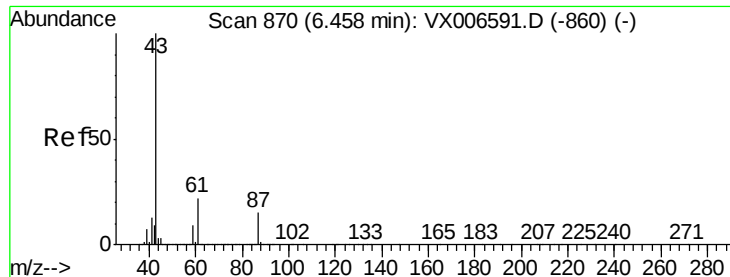
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



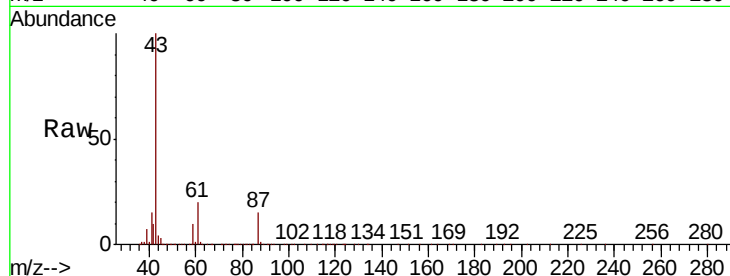


#43

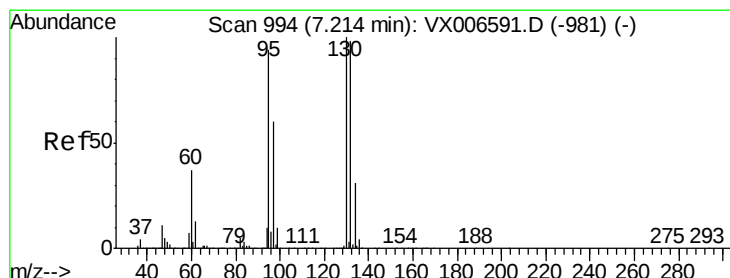
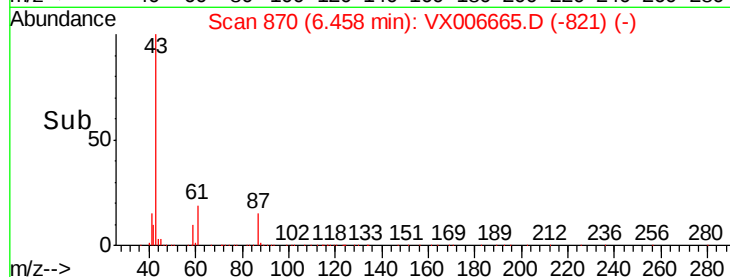
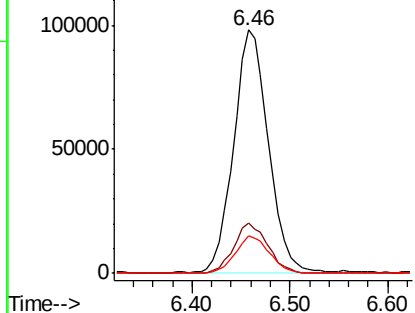
Isopropyl Acetate
 Concen: 20.148 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	241230
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.8	25.2
87	15.4	12.4	18.6



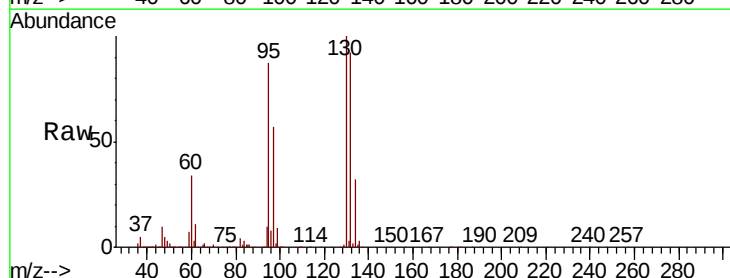
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



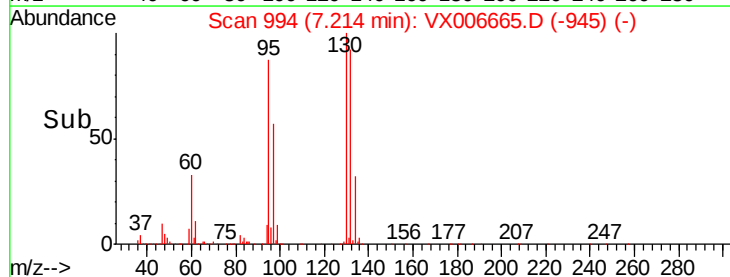
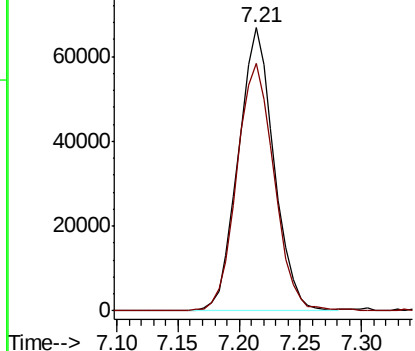
#44

Trichloroethene
 Concen: 19.420 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion	130	Resp	135074
Ion Ratio	Lower	Upper	
130	100		
95	87.4	0.0	187.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.214 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

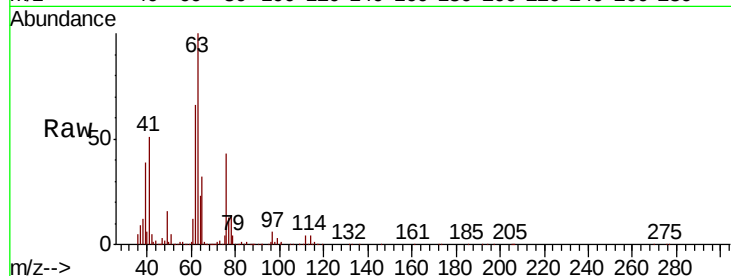
ClientSampleId :

Tot Ion: 63 Resp: 113044

Ion Ratio Lower Upper

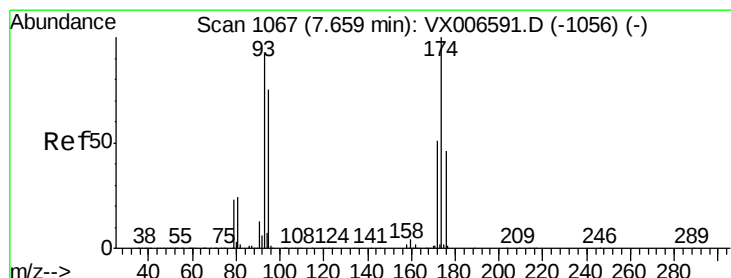
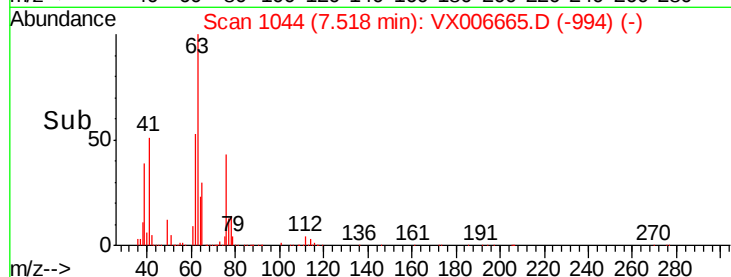
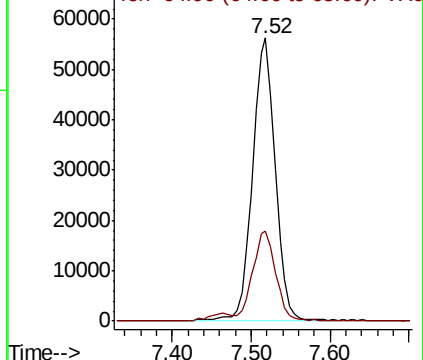
63 100

65 31.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.655 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

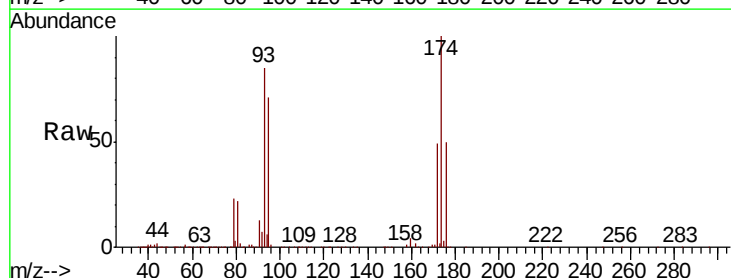
Tgt Ion: 93 Resp: 80849

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

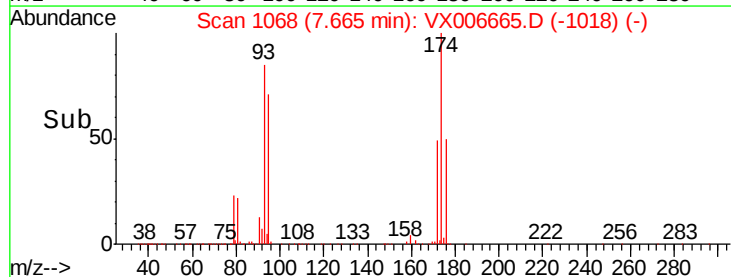
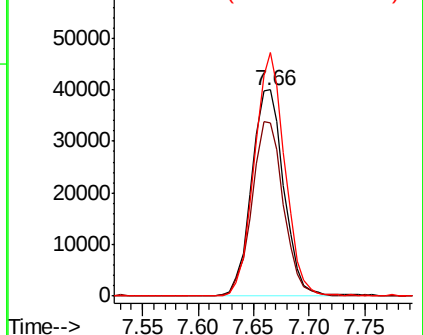
174 111.4 91.0 136.4

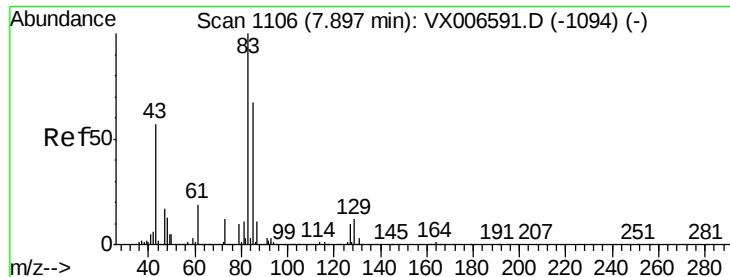


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.728 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

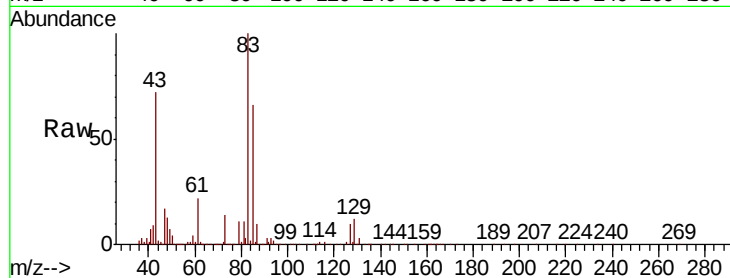
Tot Ion: 83 Resp: 127900

Ion Ratio Lower Upper

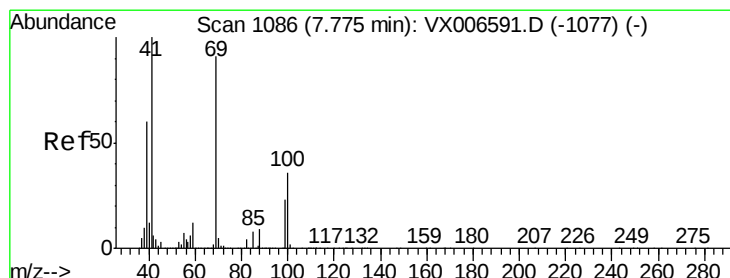
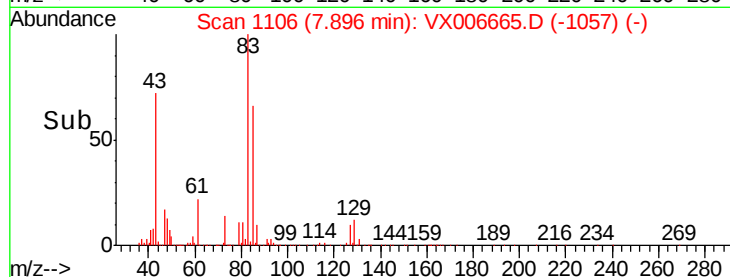
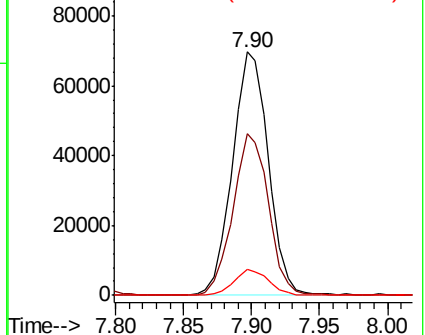
83 100

85 66.1 53.2 79.8

127 10.5 7.8 11.6



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: 20.826 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

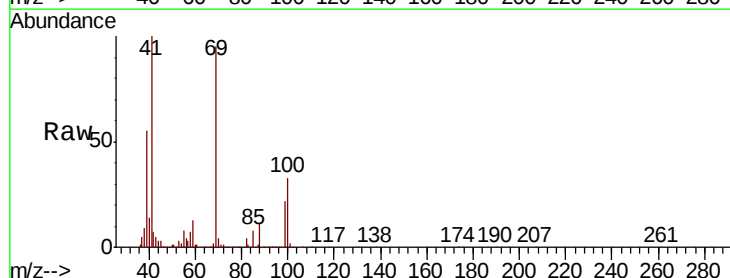
Tgt Ion: 41 Resp: 126798

Ion Ratio Lower Upper

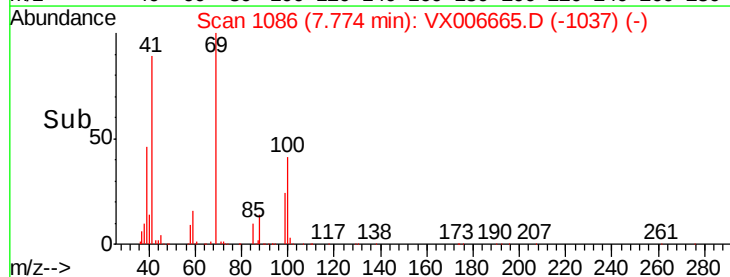
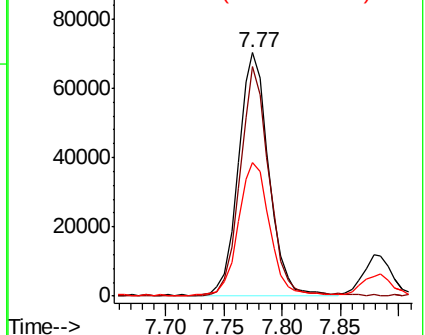
41 100

69 91.2 72.4 108.6

39 56.8 45.8 68.8



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

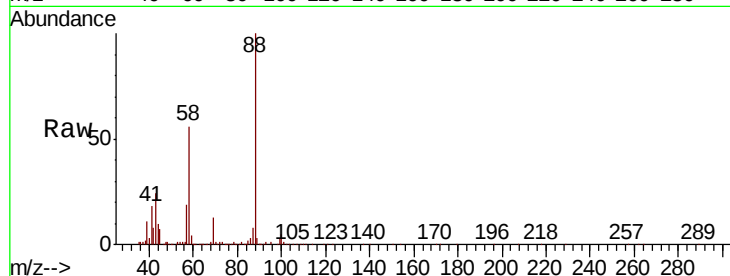




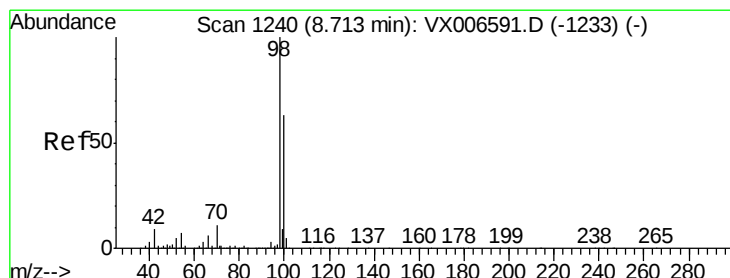
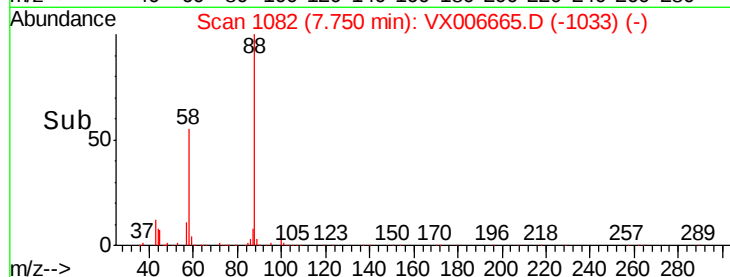
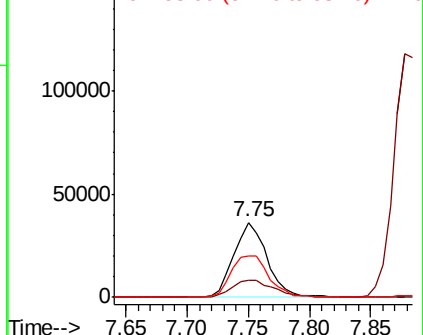
#49
1,4-Dioxane
Concen: 416.995 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	68275
Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.2	33.4
58	62.8	51.0	76.4

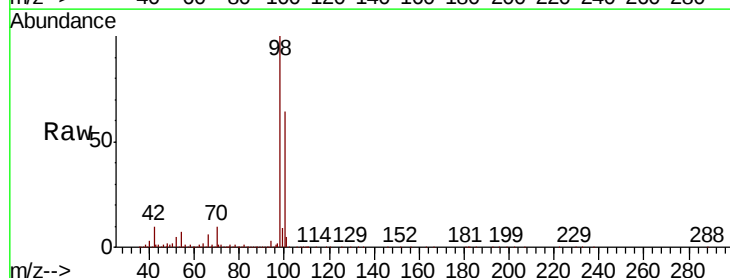


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

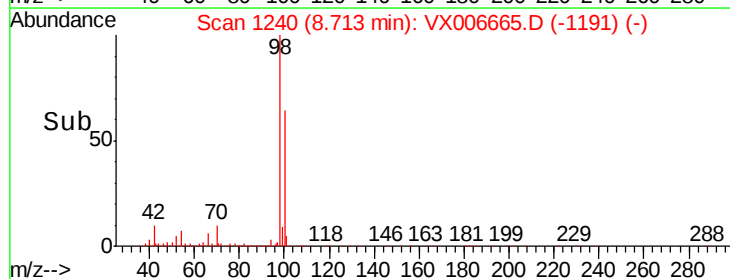
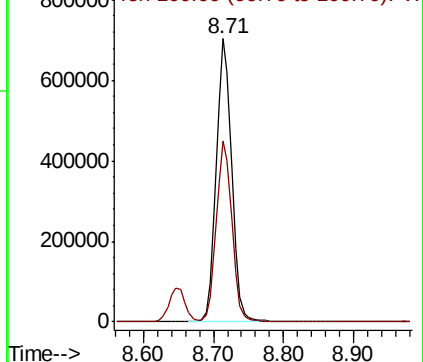


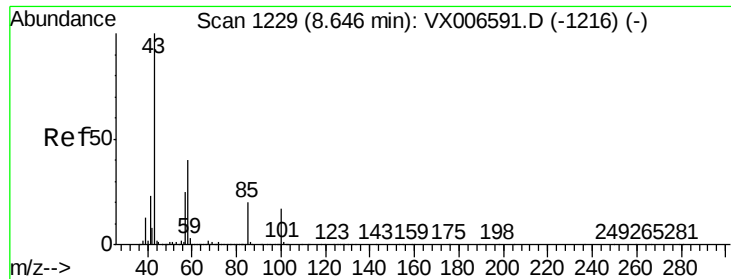
#50
Toluene-d8
Concen: 49.619 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion	98	Resp	1079845
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.242 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

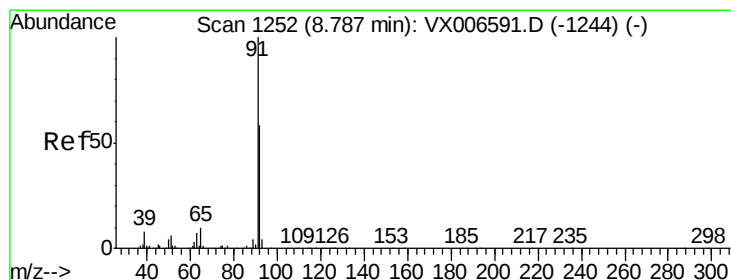
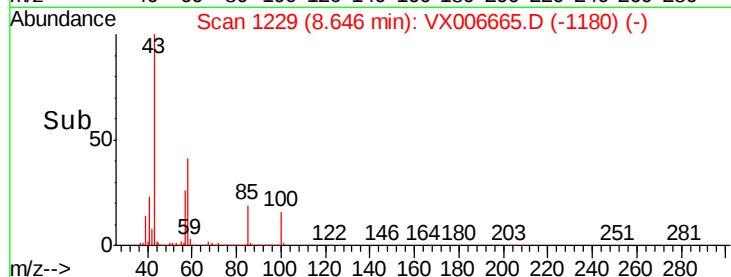
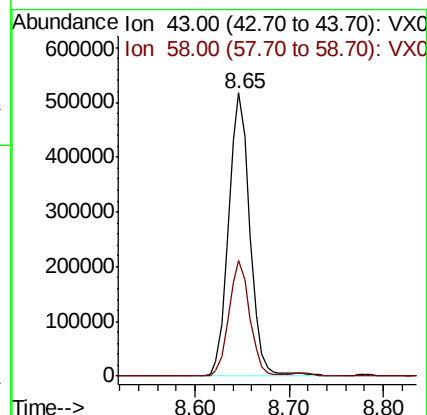
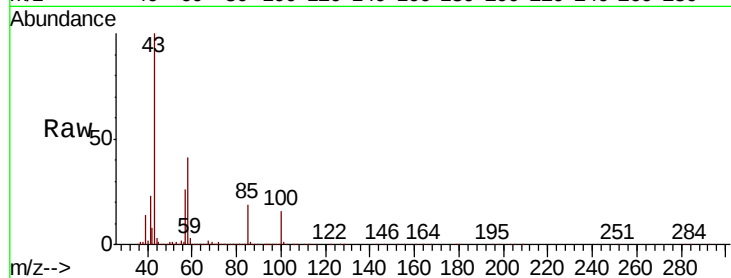
ClientSampled :

Tot Ion: 43 Resp: 809345

Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.6



#52

Toluene

Concen: 19.951 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006665.D

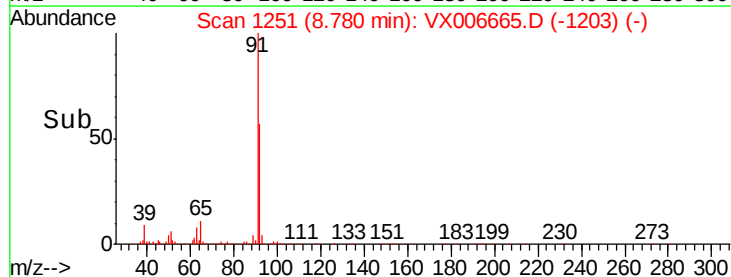
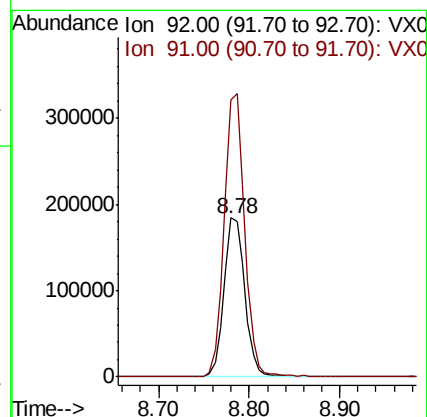
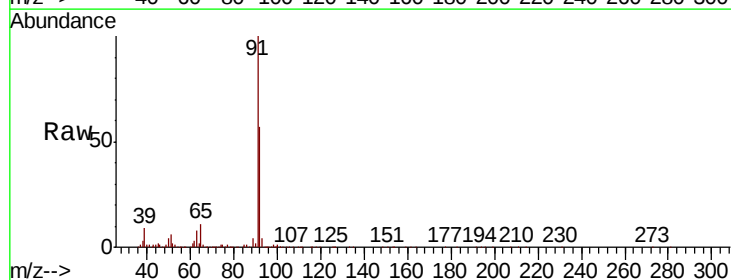
Acq: 20 Dec 2018 10:27

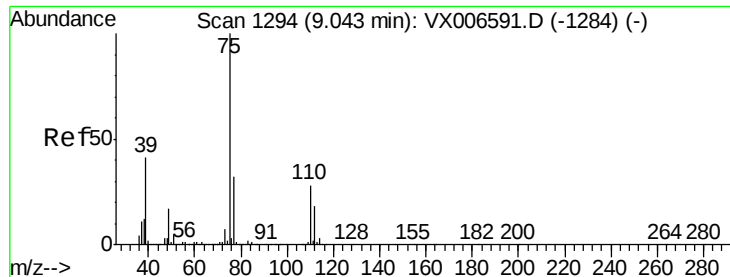
Tgt Ion: 92 Resp: 296198

Ion Ratio Lower Upper

92 100

91 175.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.582 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

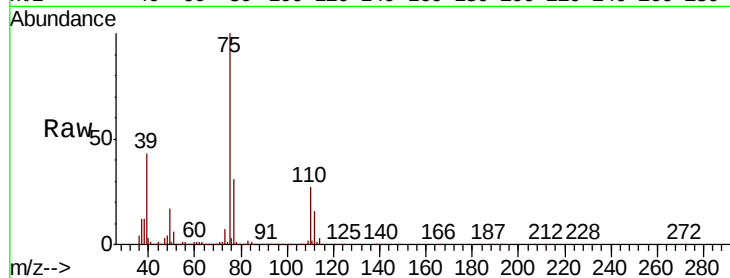
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 136098

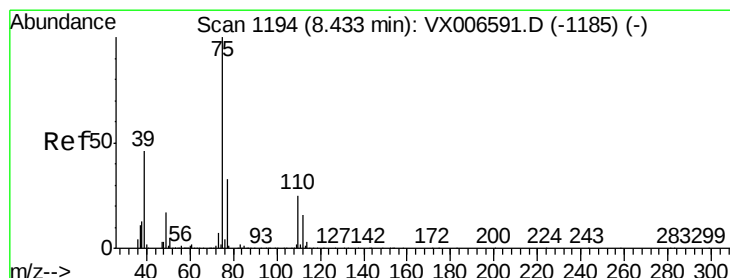
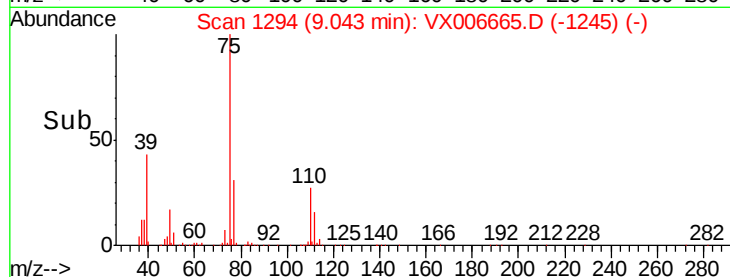
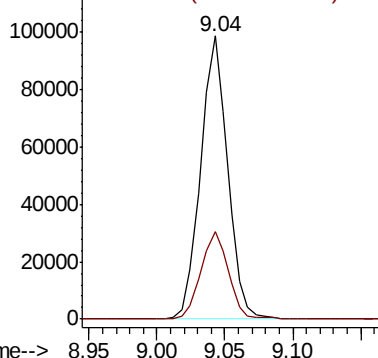
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.749 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

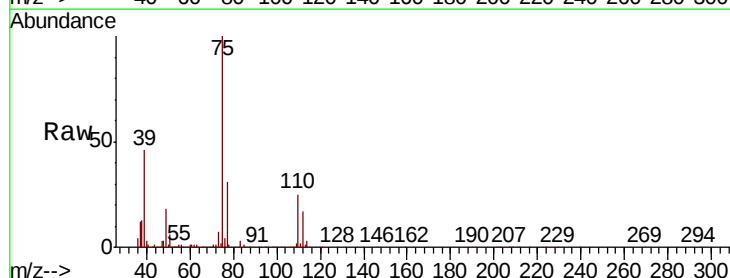
Tgt Ion: 75 Resp: 158714

Ion Ratio Lower Upper

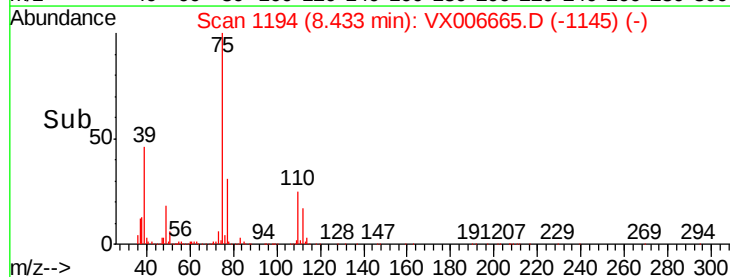
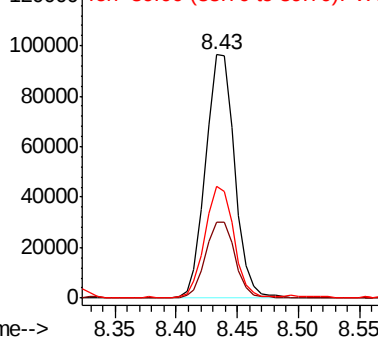
75 100

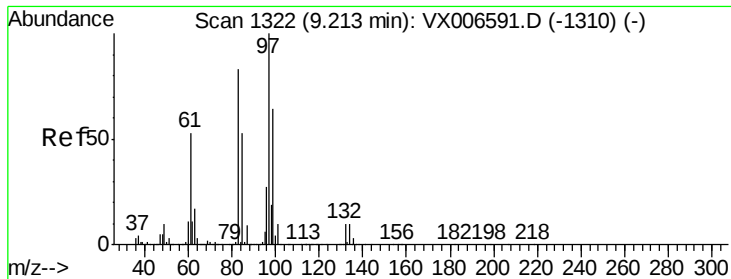
77 31.2 26.2 39.2

39 45.6 36.7 55.1



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





#55

1,1,2-Trichloroethane

Concen: 20.279 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 123236

Ion	Ratio	Lower	Upper
97	100		
83	86.6	66.6	99.8
85	54.0	42.7	64.1
99	62.5	50.8	76.2

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.20 9.30

80000

60000

40000

20000

0

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

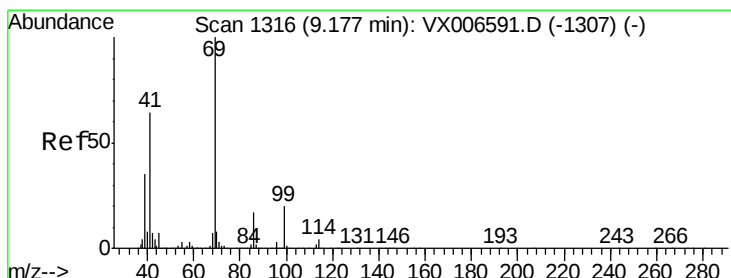
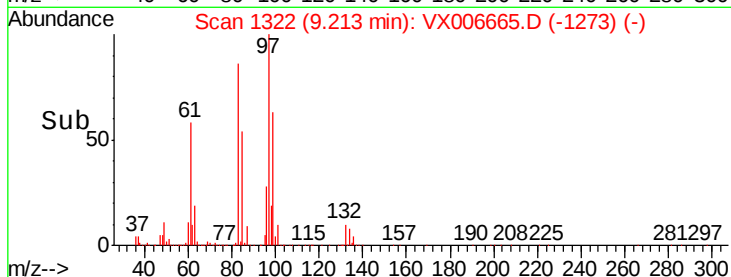
Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 20.724 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Tgt Ion: 69 Resp: 177994

Ion	Ratio	Lower	Upper
69	100		
41	60.5	48.7	73.1
39	34.9	27.0	40.6

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->



#57

1,3-Dichloropropane

Concen: 19.944 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

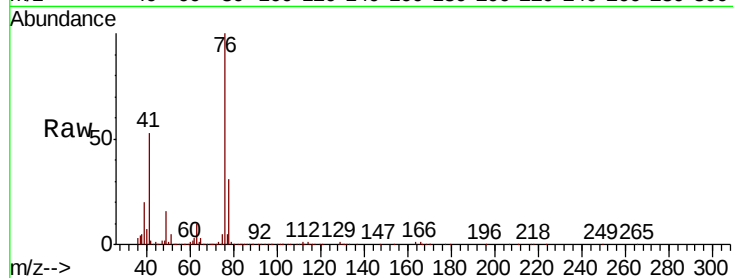
ClientSampleId :

Tot Ion: 76 Resp: 194993

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

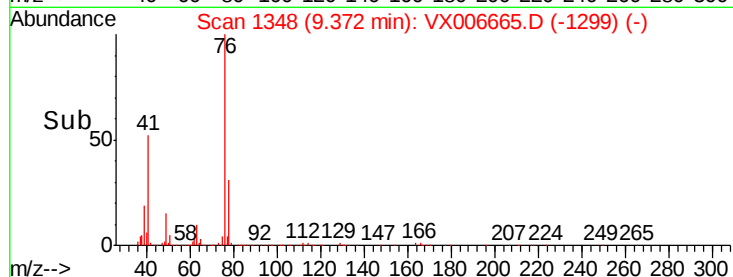
150000

100000

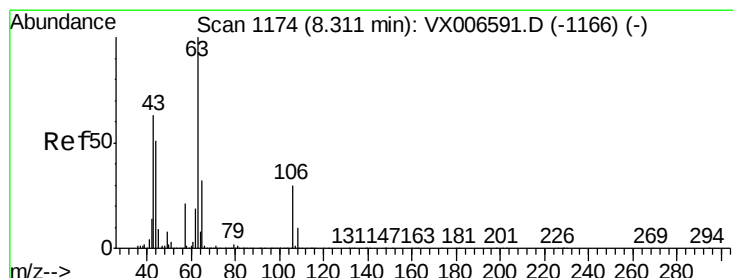
50000

0

9.30 9.40 9.50



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 100.928 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006665.D

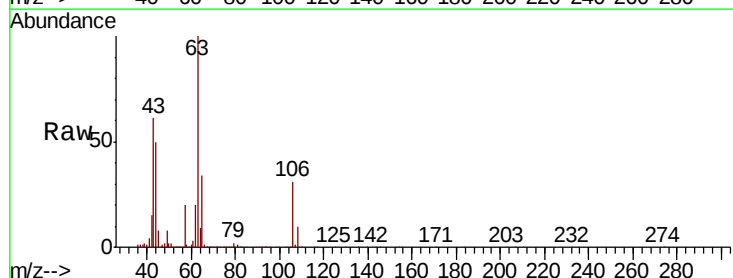
Acq: 20 Dec 2018 10:27

Tgt Ion: 63 Resp: 460800

Ion Ratio Lower Upper

63 100

106 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

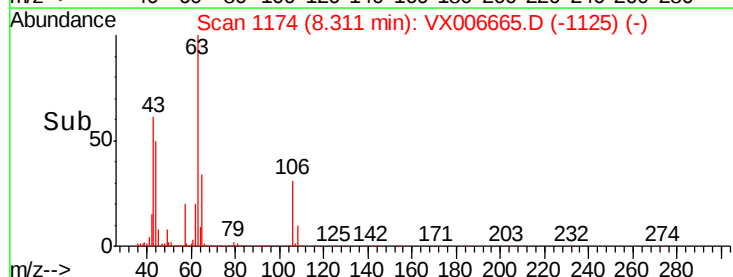
300000

200000

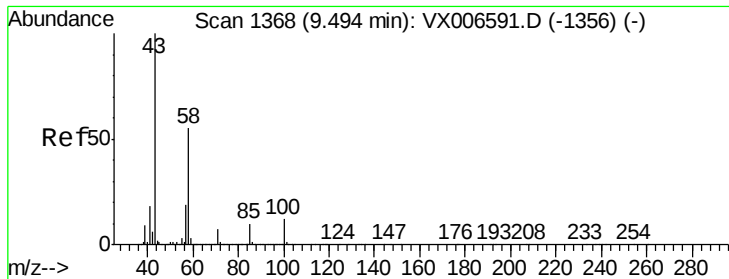
100000

0

8.20 8.30 8.40



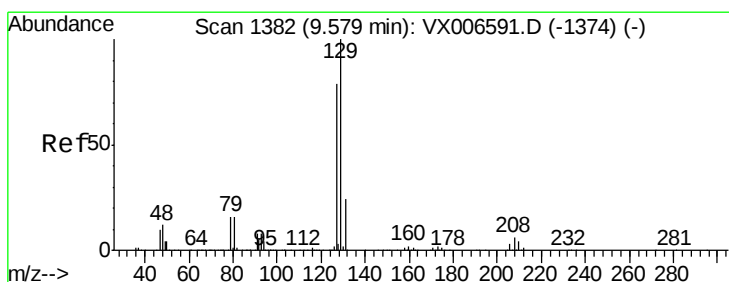
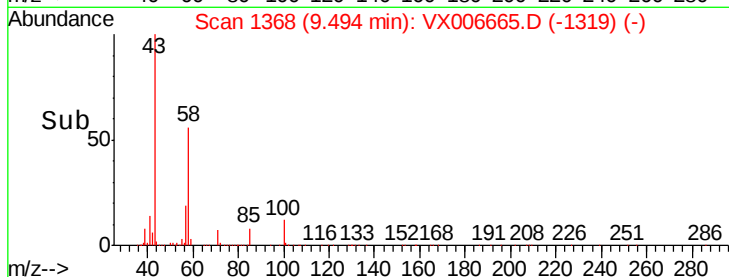
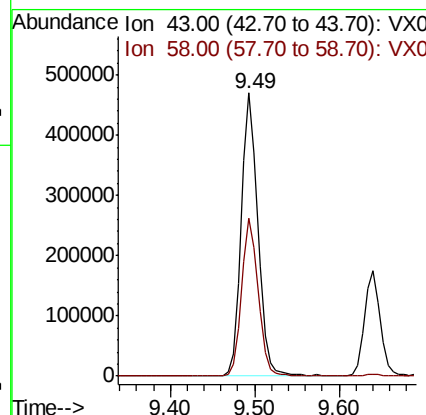
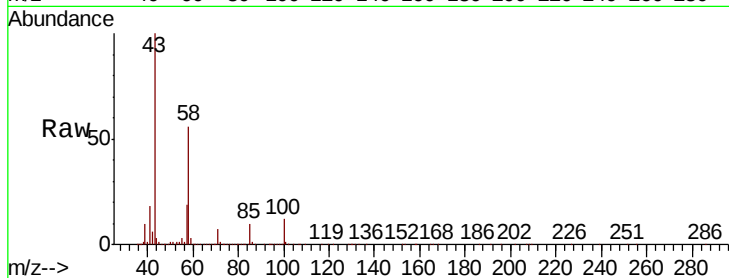
Time-->



#59
2-Hexanone
Concen: 107.242 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

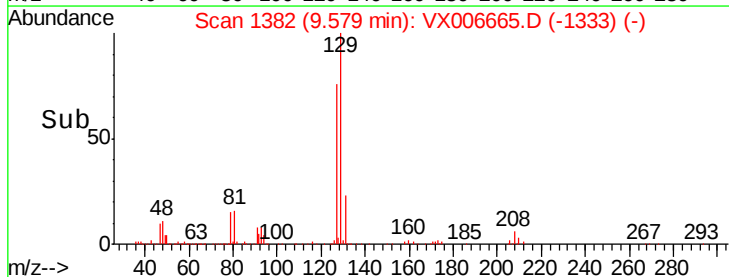
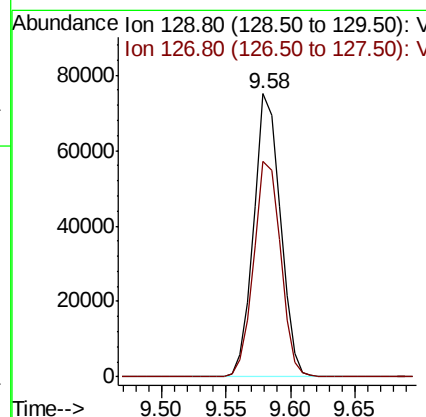
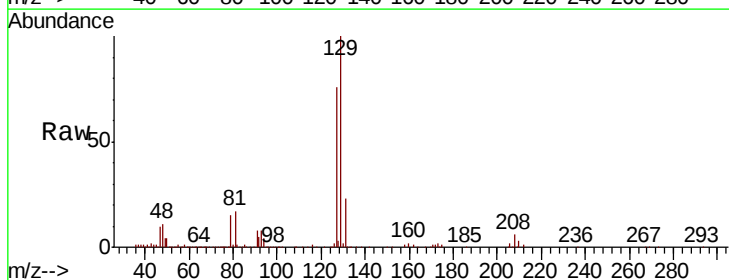
Instrument :
MSVOA_X
ClientSampleId :

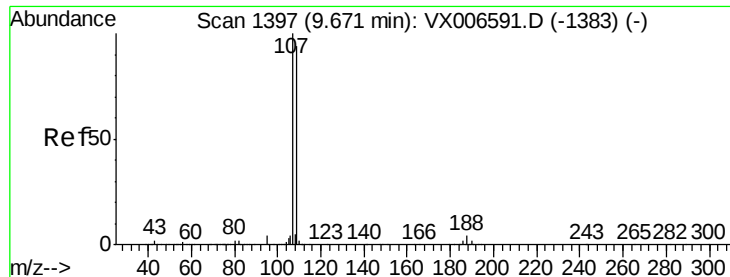
Tot Ion: 43 Resp: 625075
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 18.366 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 129 Resp: 106930
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.564 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

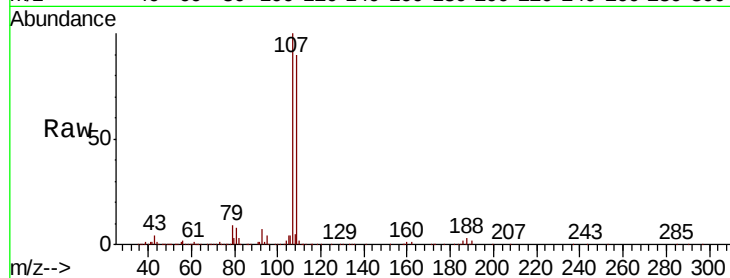
ClientSampled :

Tot Ion:107 Resp: 132843

Ion Ratio Lower Upper

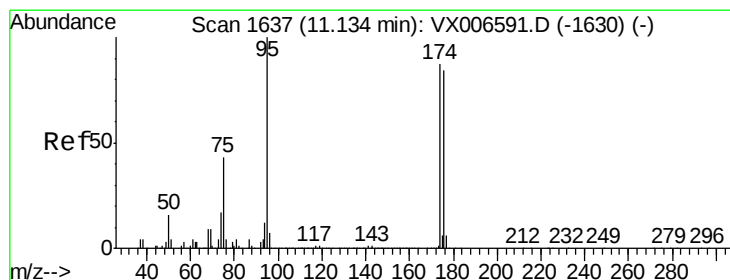
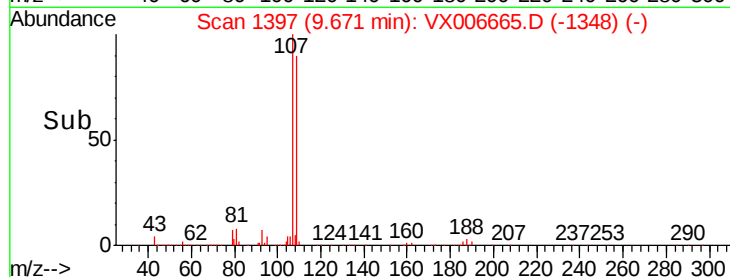
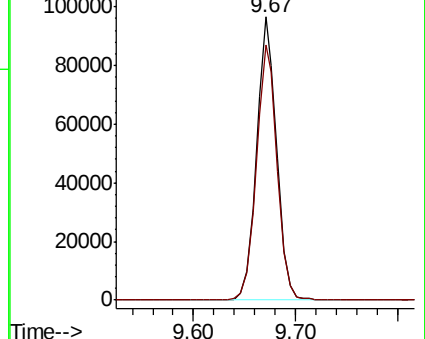
107 100

109 93.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.640 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

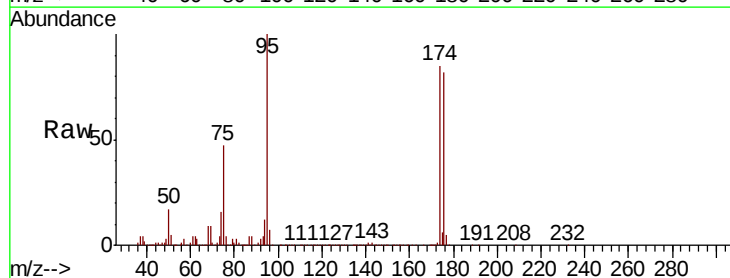
Tgt Ion: 95 Resp: 395648

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.2

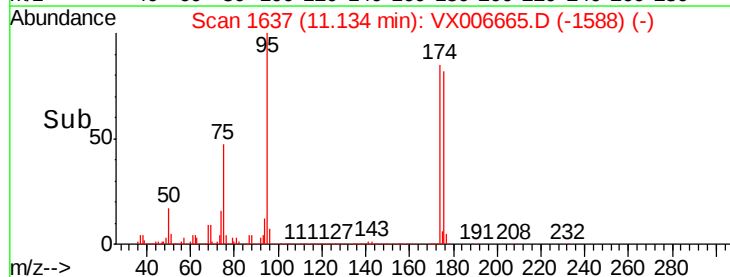
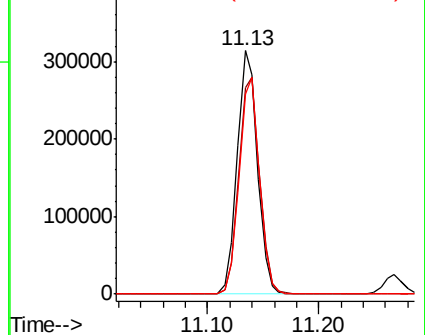
176 89.2 0.0 178.8

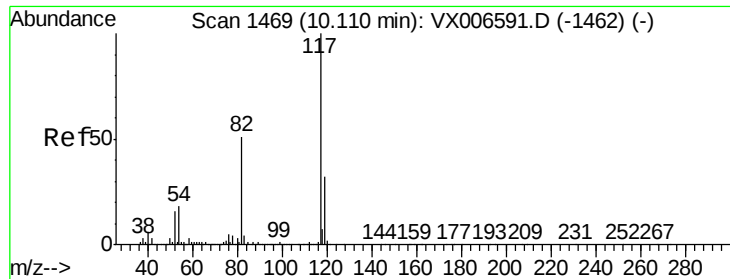


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

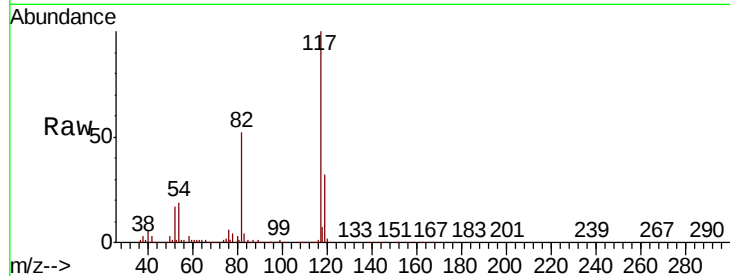




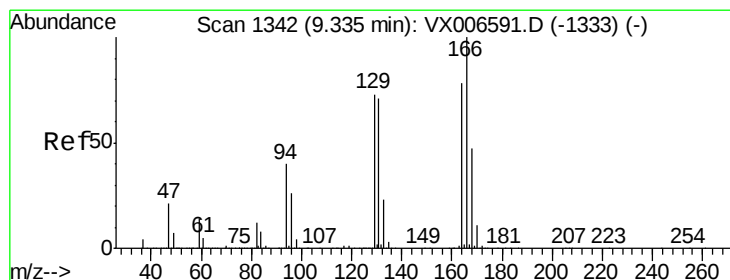
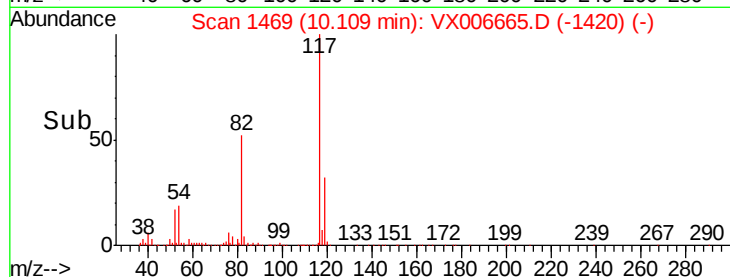
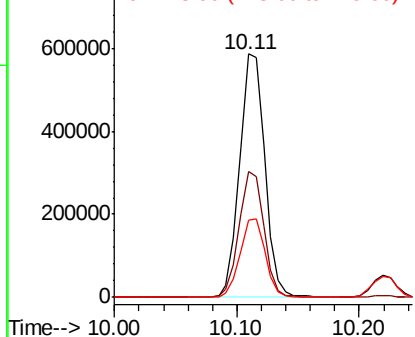
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 837848
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 31.9 25.4 38.0

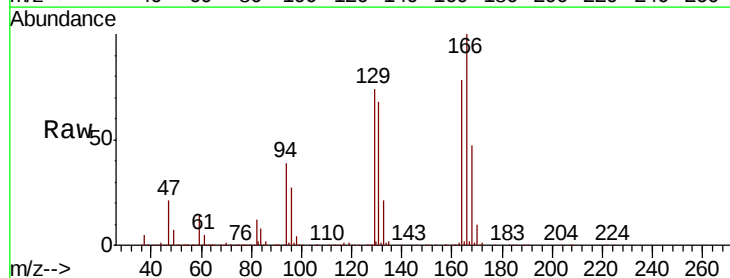


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

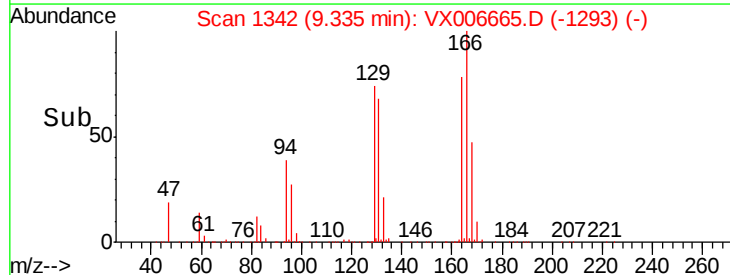
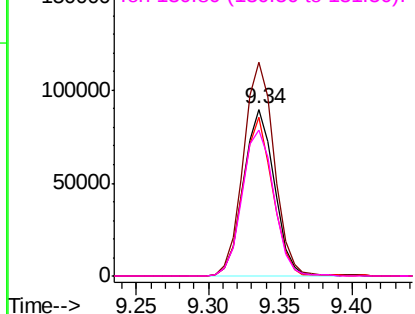


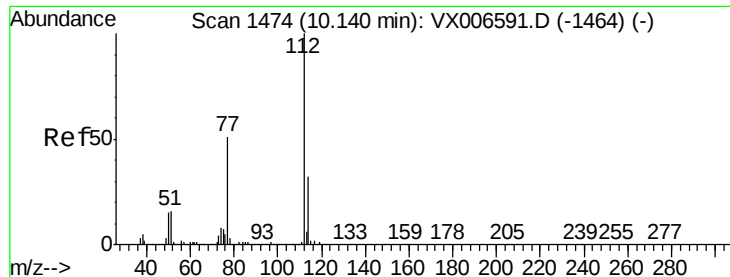
#64
Tetrachloroethene
Concen: 19.991 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion:164 Resp: 132627
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 95.0 75.1 112.7
131 87.5 72.7 109.1



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

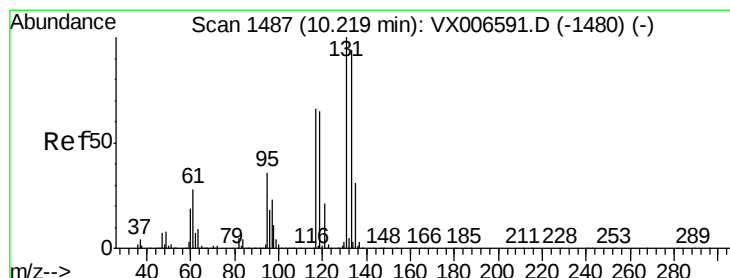
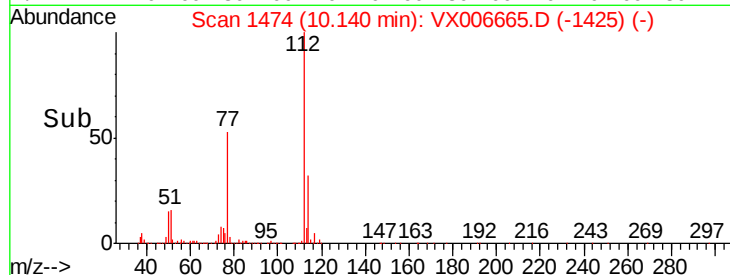
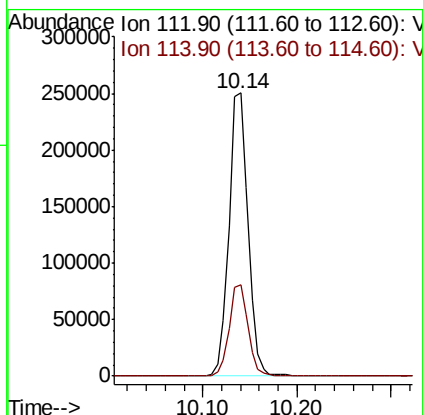
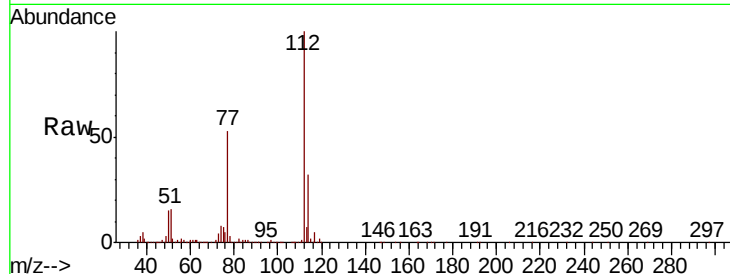




#65
Chlorobenzene
Concen: 19.870 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

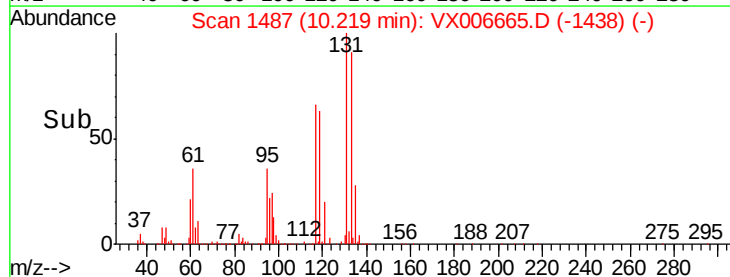
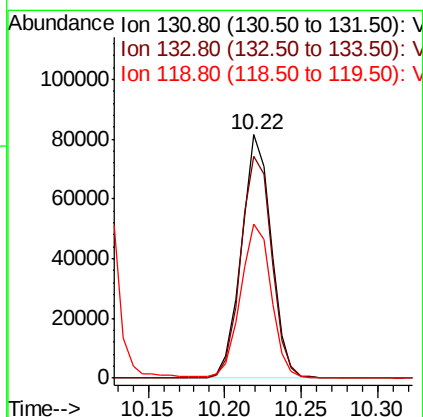
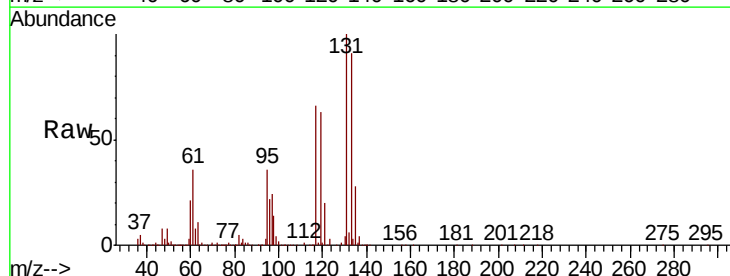
Instrument :
MSVOA_X
ClientSampleId :

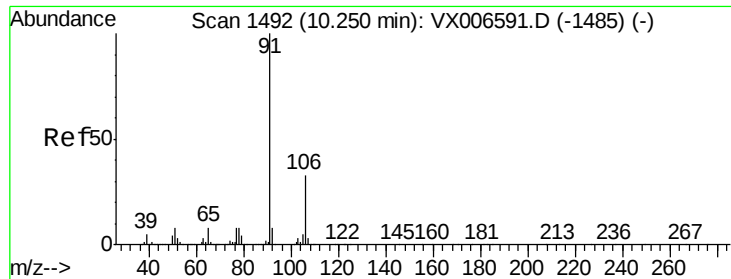
Tot Ion:112 Resp: 352205
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.868 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion:131 Resp: 109876
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 66.0 32.6 97.8





#67

Ethyl Benzene

Concen: 19.632 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

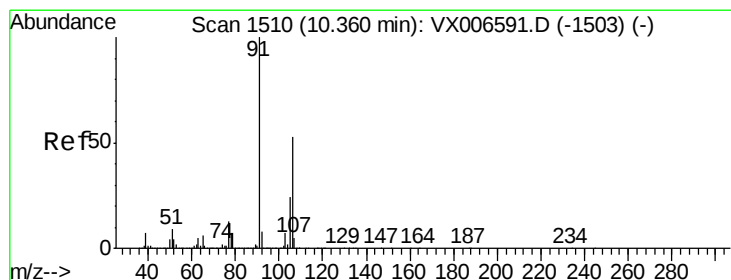
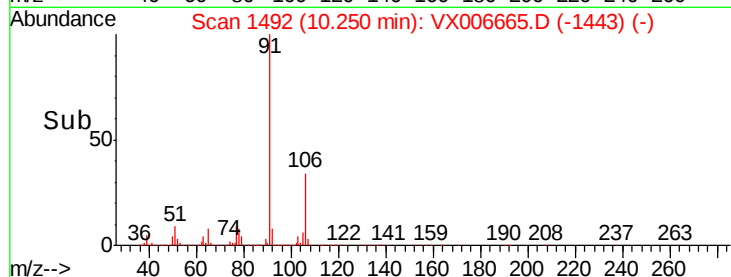
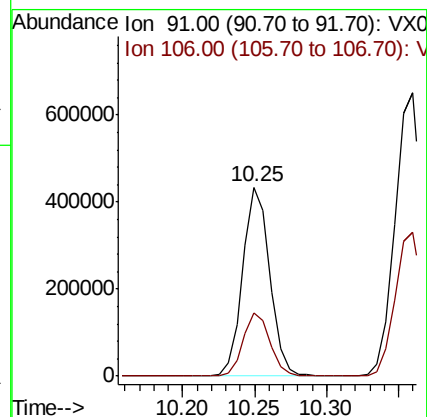
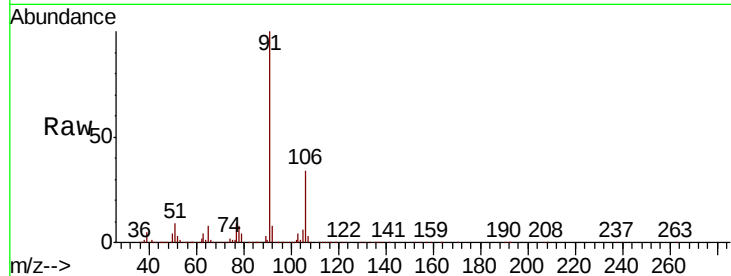
ClientSampleId :

Tot Ion: 91 Resp: 568625

Ion Ratio Lower Upper

91 100

106 33.5 26.4 39.6



#68

m/p-Xylenes

Concen: 40.103 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006665.D

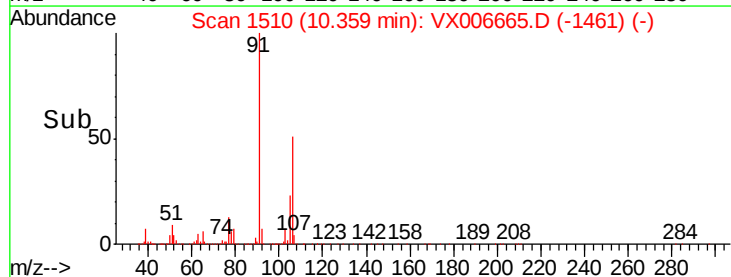
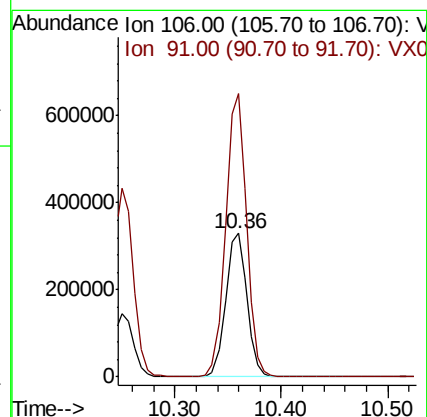
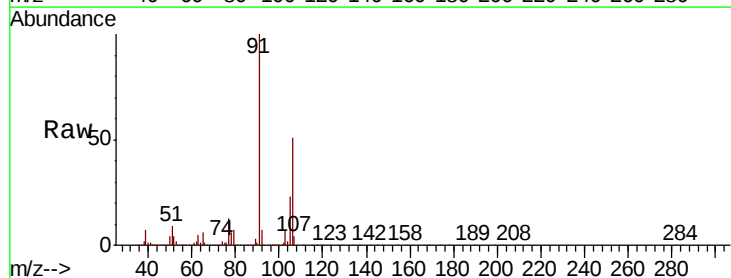
Acq: 20 Dec 2018 10:27

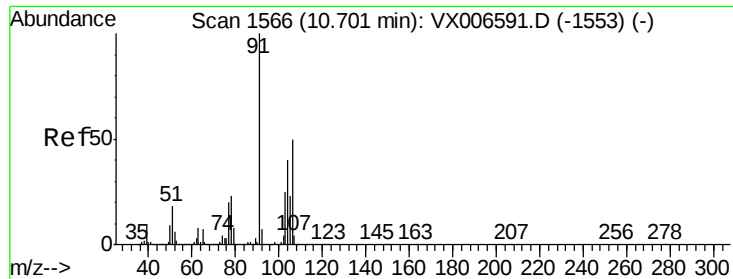
Tgt Ion: 106 Resp: 458353

Ion Ratio Lower Upper

106 100

91 194.3 155.8 233.6

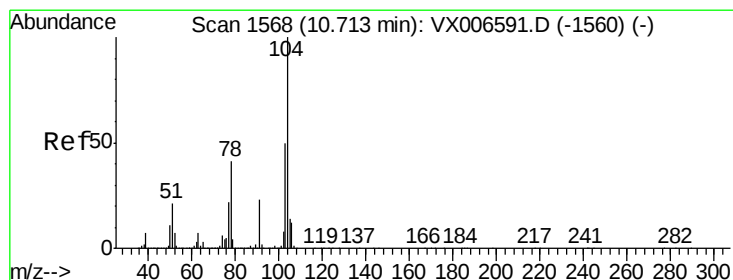
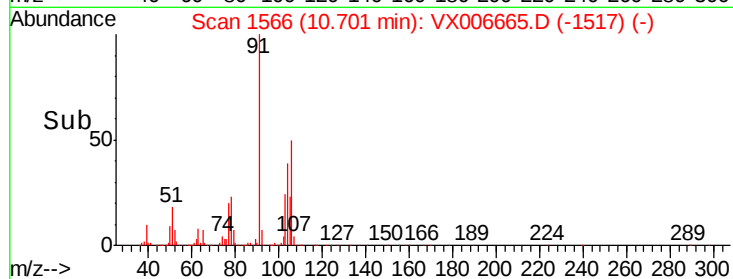
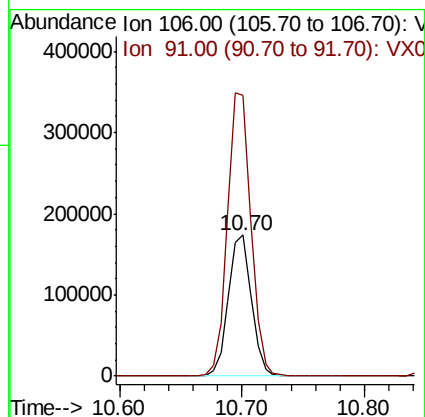
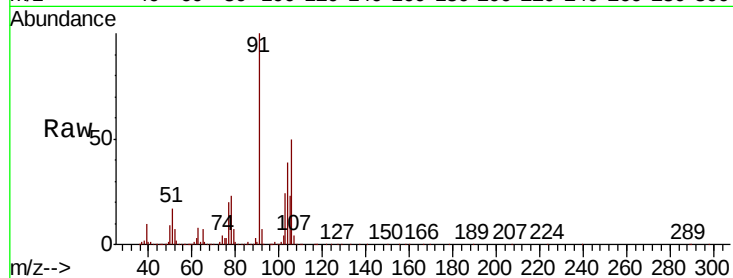




#69
o-Xylene
Concen: 20.071 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

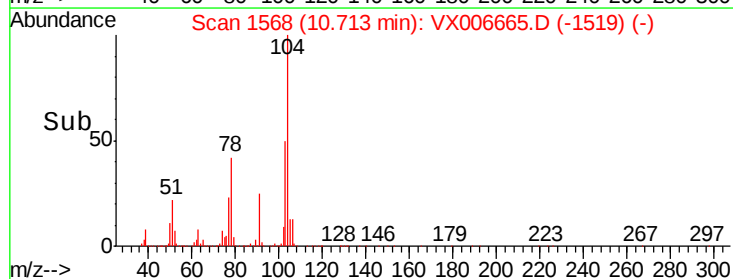
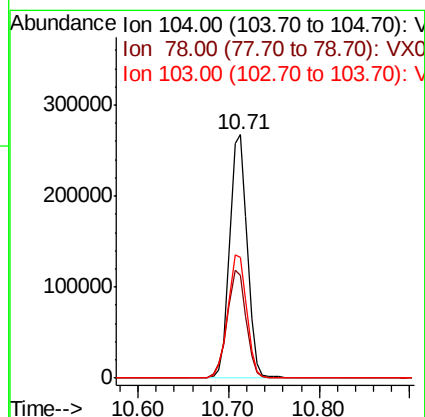
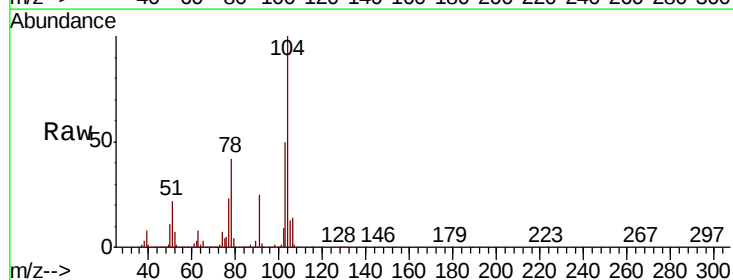
Instrument :
MSVOA_X
ClientSampleId :

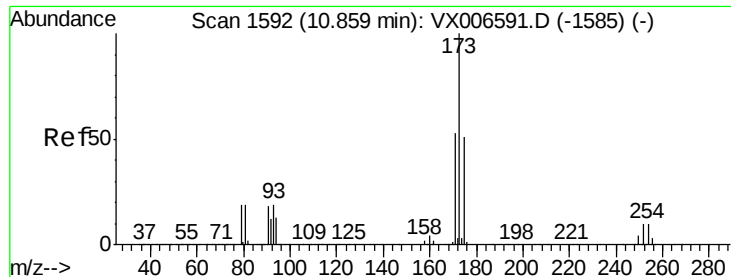
Tot Ion:106 Resp: 226529
Ion Ratio Lower Upper
106 100
91 203.6 101.3 303.7



#70
Styrene
Concen: 20.182 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion:104 Resp: 360355
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 54.7 43.8 65.8





#71

Bromoform

Concen: 18.263 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

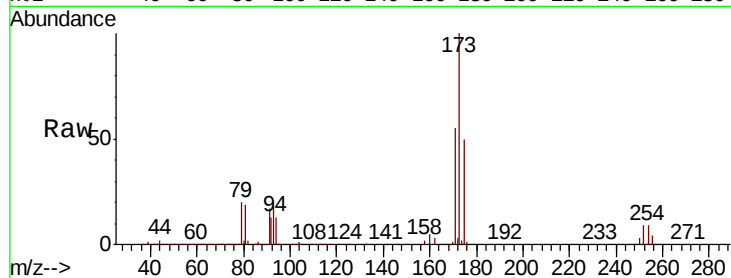
Tot Ion:173 Resp: 75601

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

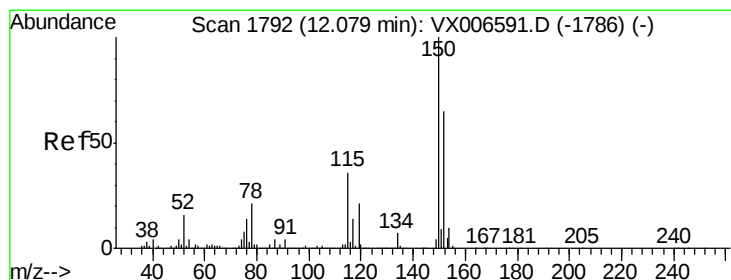
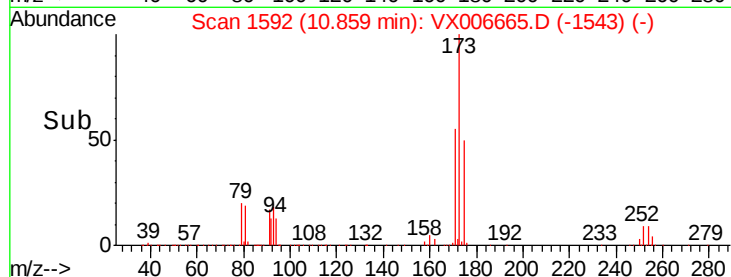
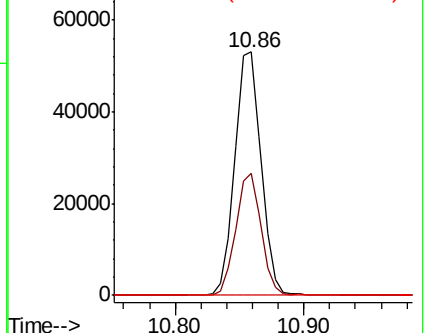
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

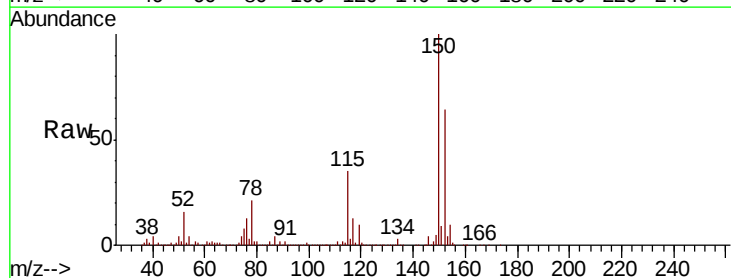
Tgt Ion:152 Resp: 442553

Ion Ratio Lower Upper

152 100

115 64.4 39.1 117.2

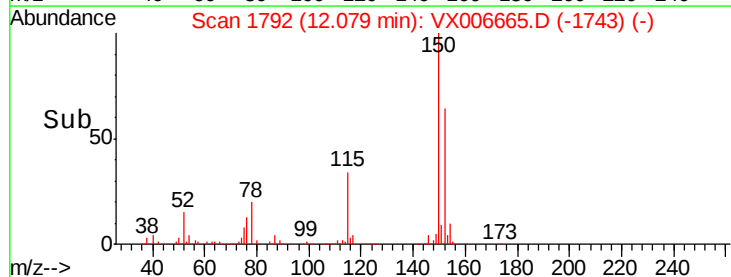
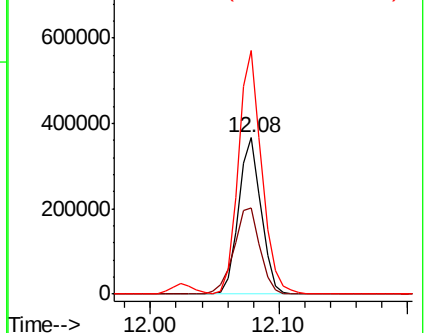
150 162.0 0.0 344.8

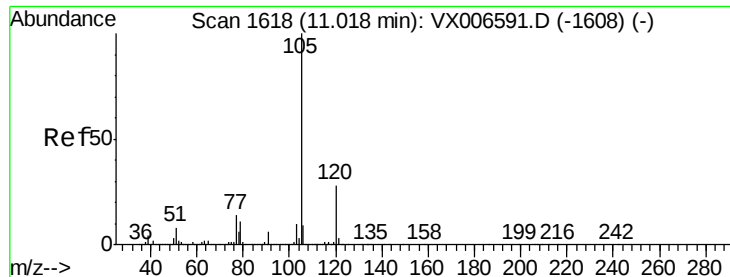


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.671 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

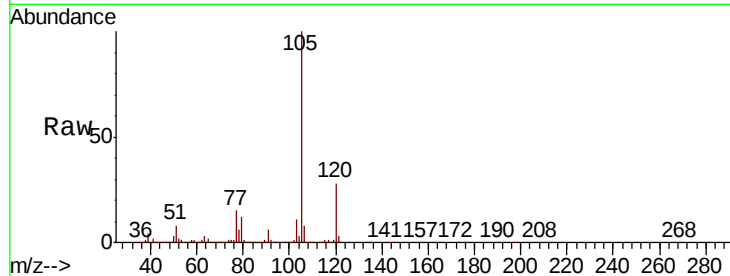
ClientSampleId :

Tot Ion:105 Resp: 595567

Ion Ratio Lower Upper

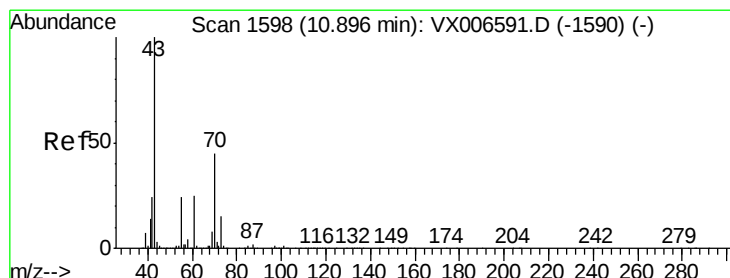
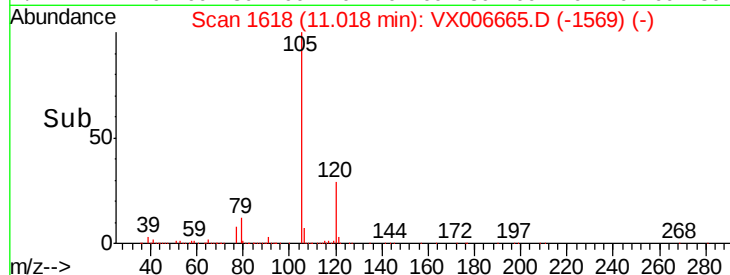
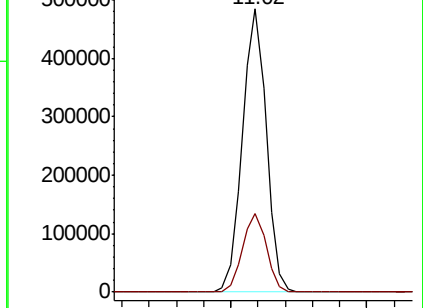
105 100

120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.431 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Tgt Ion: 43 Resp: 221409

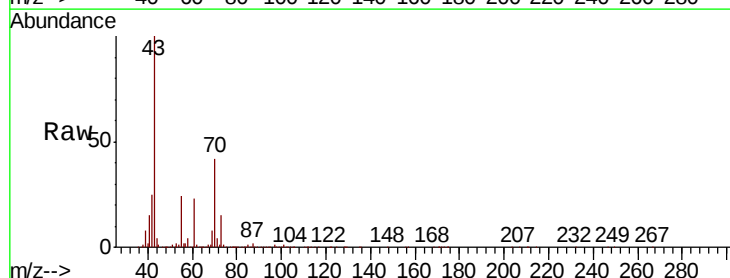
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 25.0 19.4 29.0

61 24.2 20.1 30.1

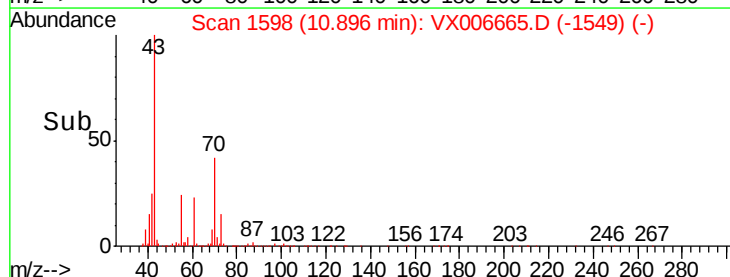
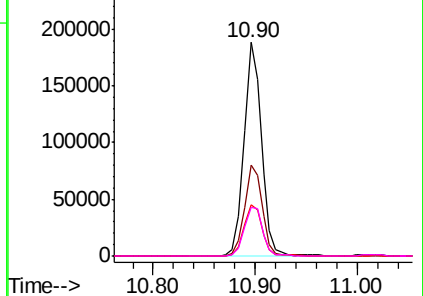


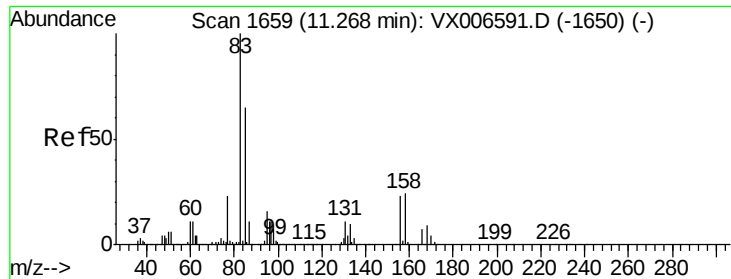
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.415 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

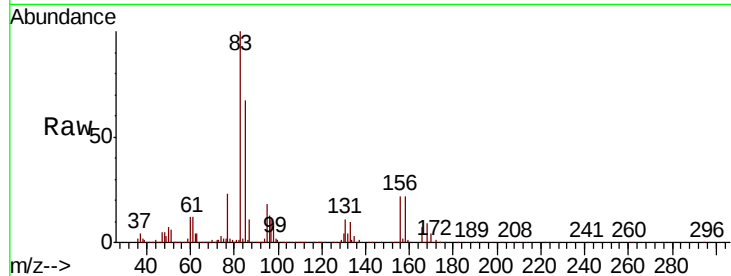
Tot Ion: 83 Resp: 183818

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.1
85	65.2	32.2	96.6

83 100

131 11.1 5.7 17.1

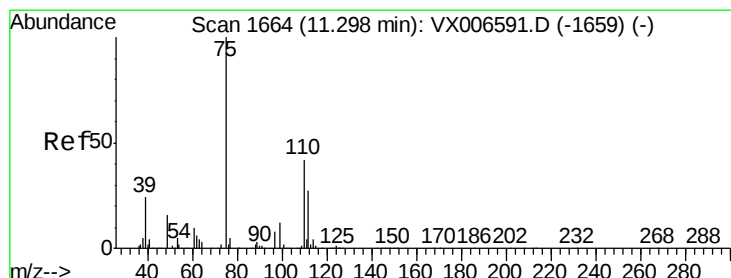
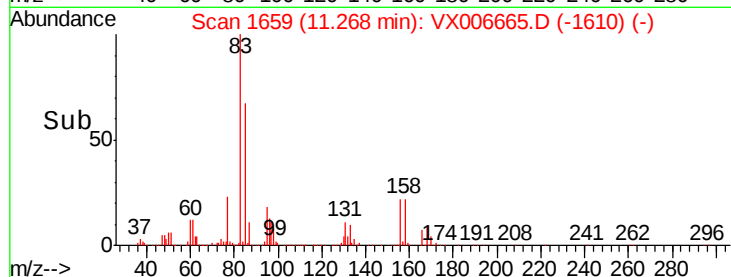
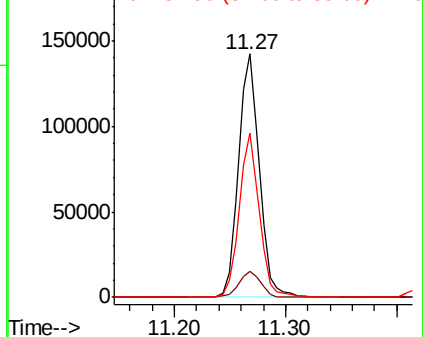
85 65.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.723 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006665.D

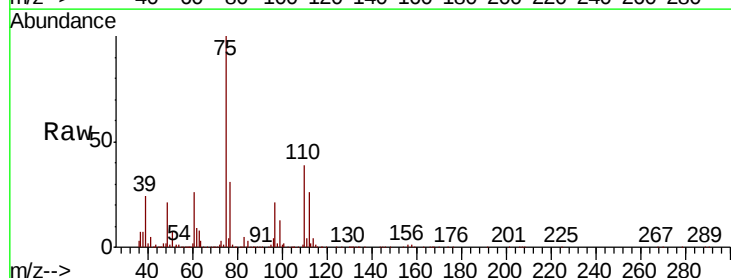
Acq: 20 Dec 2018 10:27

Tgt Ion: 75 Resp: 195108

Ion	Ratio	Lower	Upper
75	100		
77	31.3	18.5	55.5

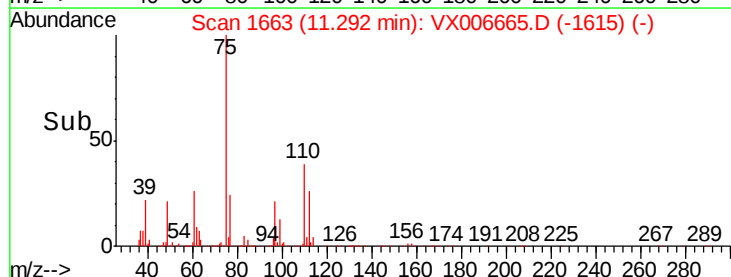
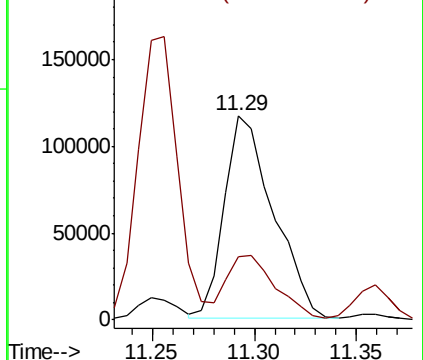
75 100

77 31.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.443 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

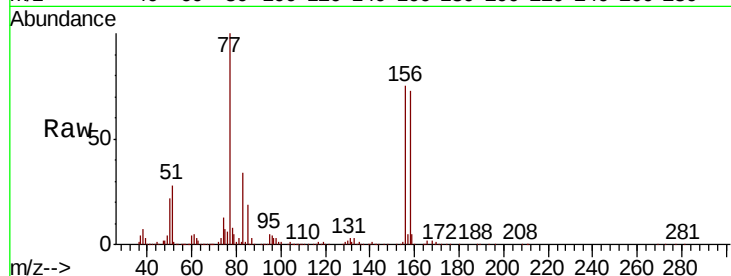
Tot Ion:156 Resp: 159149

Ion Ratio Lower Upper

156 100

77 139.9 68.0 204.0

158 98.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

200000

150000

100000

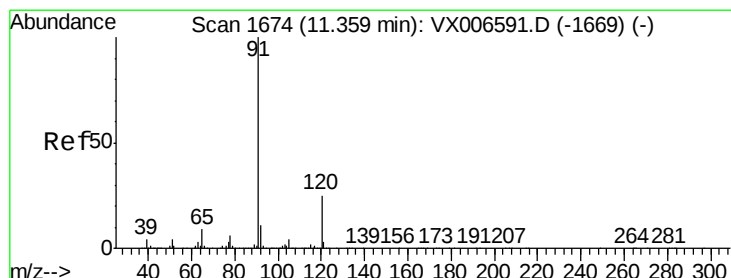
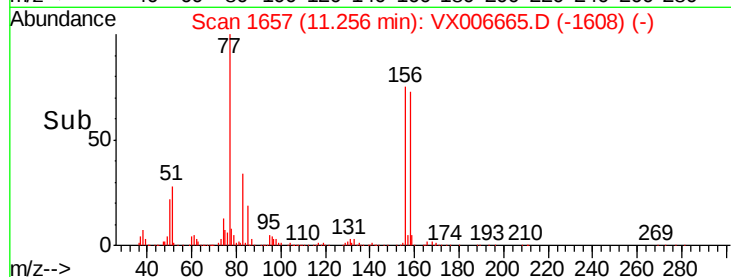
50000

0

11.20

11.30

Time-->



#78

n-propylbenzene

Concen: 19.563 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006665.D

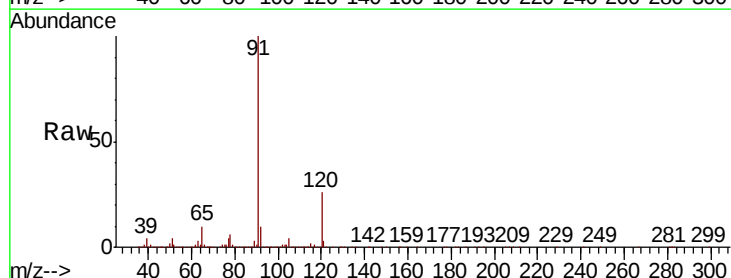
Acq: 20 Dec 2018 10:27

Tgt Ion: 91 Resp: 652235

Ion Ratio Lower Upper

91 100

120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

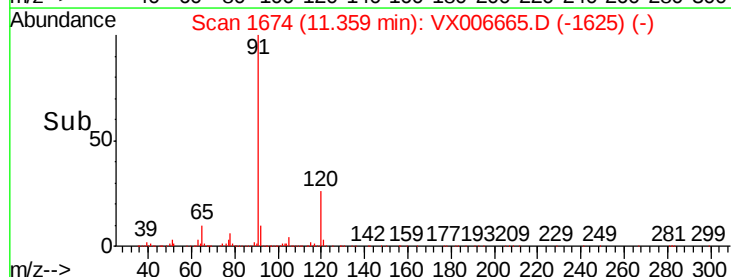
0

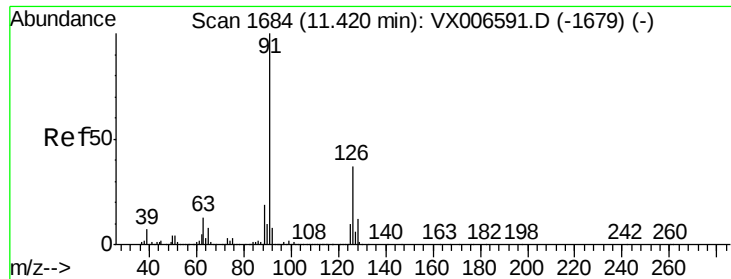
11.30

11.35

11.40

Time-->





#79

2-Chlorotoluene

Concen: 19.658 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

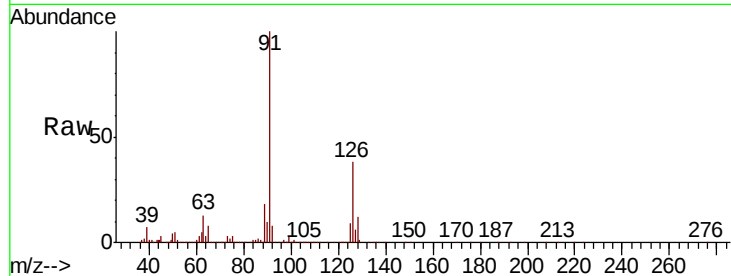
ClientSampleId :

Tot Ion: 91 Resp: 397180

Ion Ratio Lower Upper

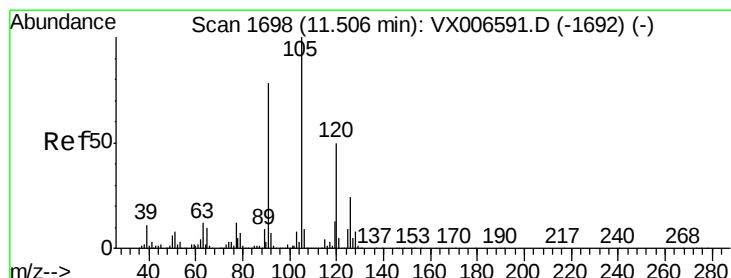
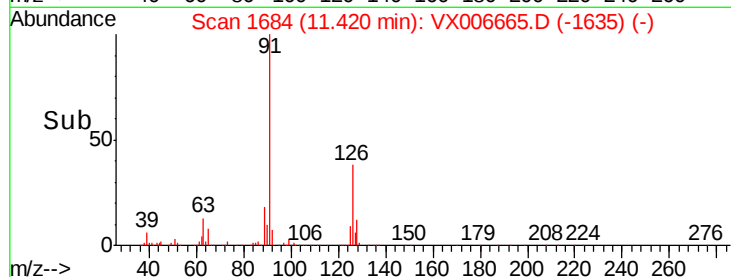
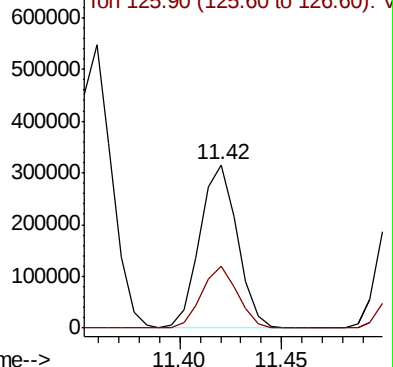
91 100

126 36.8 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006665.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006665.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.772 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006665.D

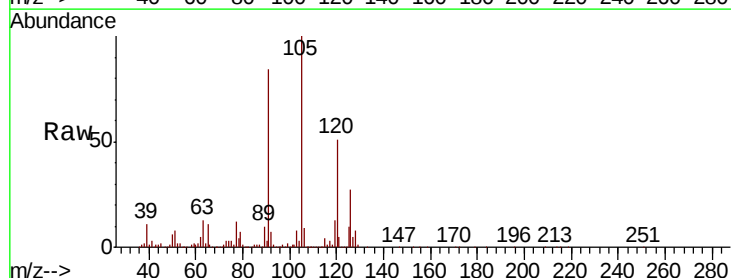
Acq: 20 Dec 2018 10:27

Tgt Ion:105 Resp: 493061

Ion Ratio Lower Upper

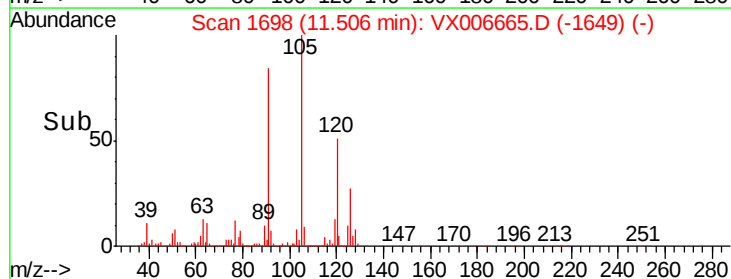
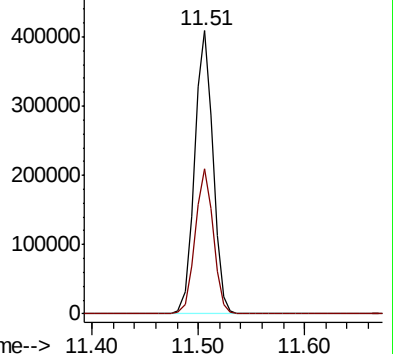
105 100

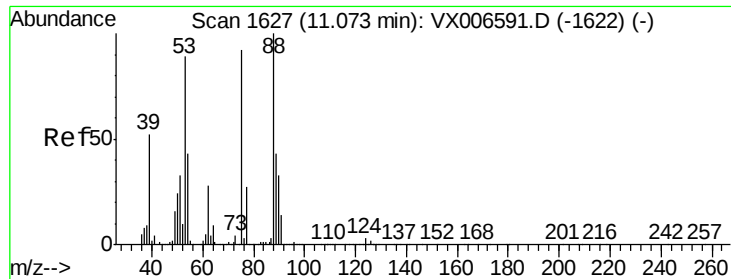
120 50.6 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006665.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX006665.D (-1649) (-)

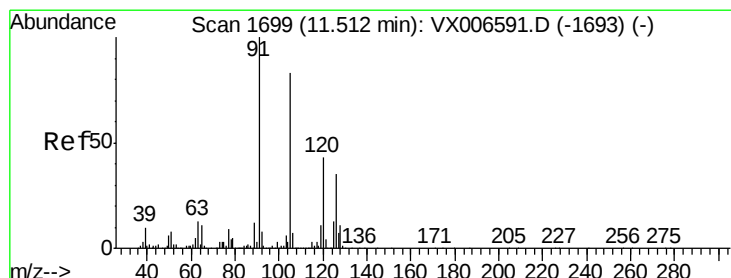
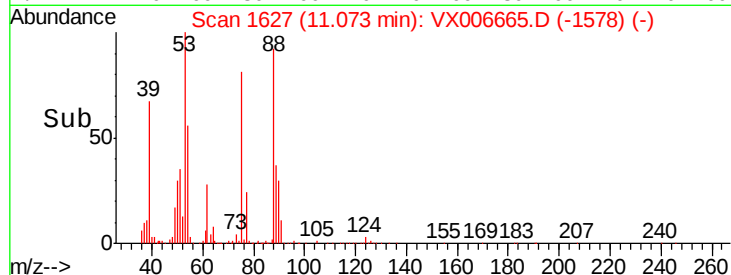
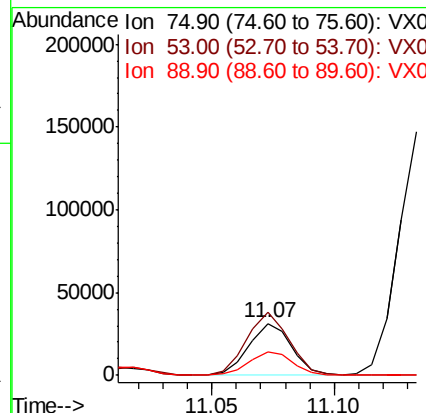
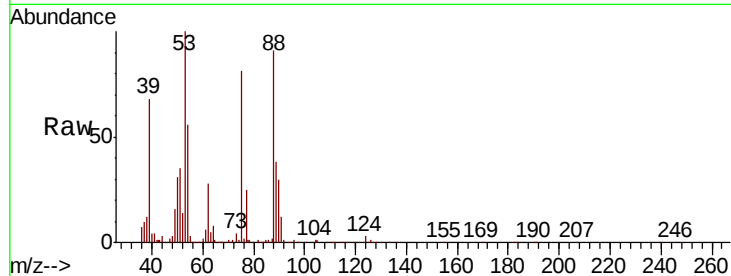




#81
trans-1,4-Dichloro-2-butene
Concen: 17.046 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

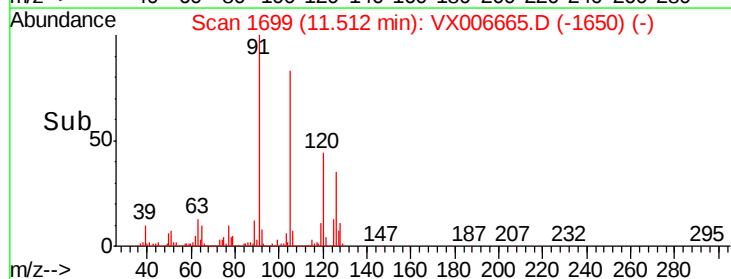
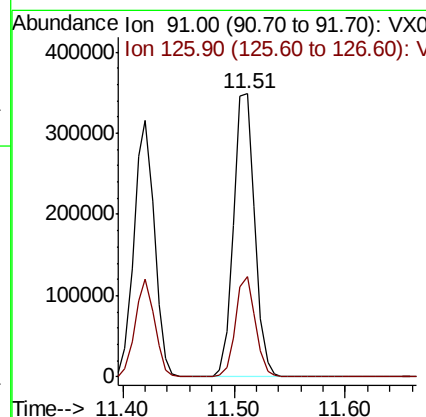
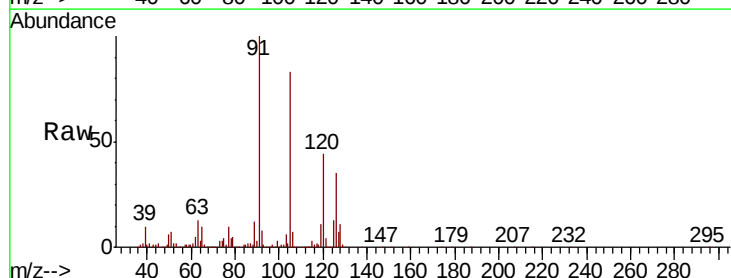
Instrument :
MSVOA_X
ClientSampleId :

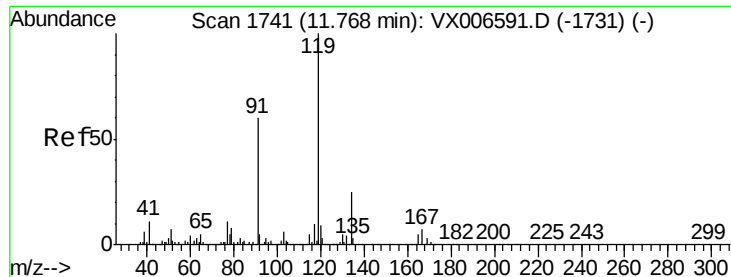
Tot Ion: 75 Resp: 37832
Ion Ratio Lower Upper
75 100
53 123.6 79.7 119.5#
89 47.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.807 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 91 Resp: 459033
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.773 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

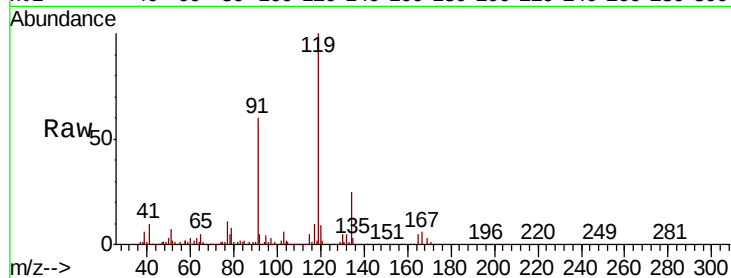
Tot Ion:119 Resp: 493506

Ion Ratio Lower Upper

119 100

91 56.9 27.7 83.1

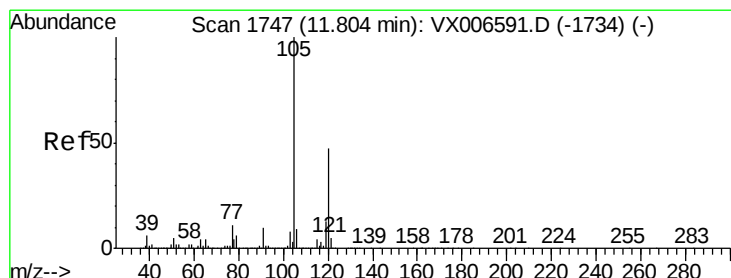
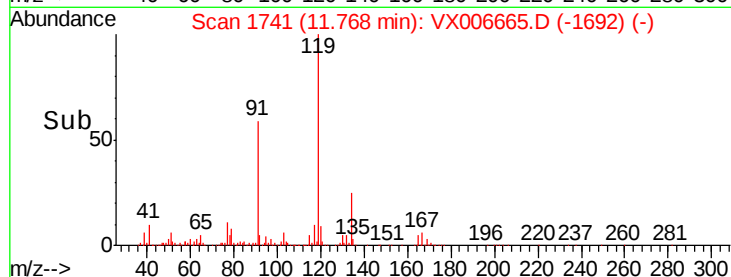
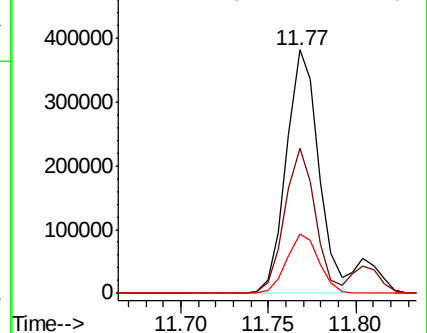
134 24.6 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.226 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006665.D

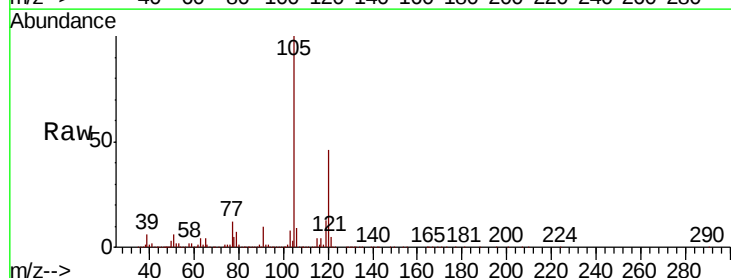
Acq: 20 Dec 2018 10:27

Tgt Ion:105 Resp: 504297

Ion Ratio Lower Upper

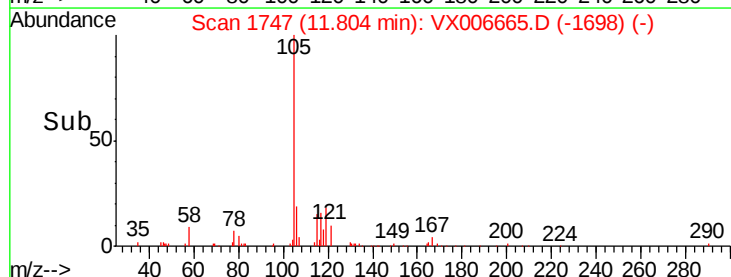
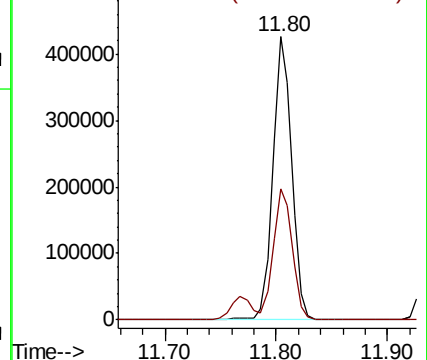
105 100

120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.692 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

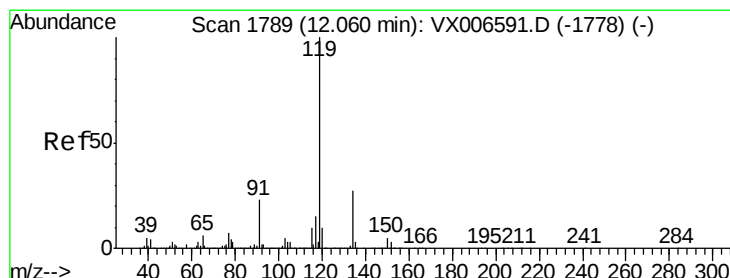
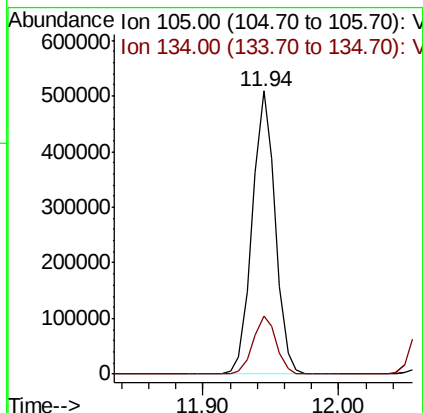
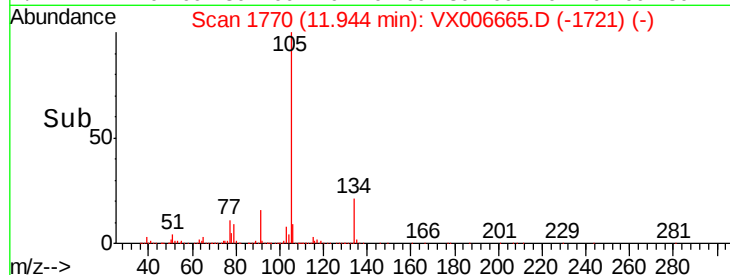
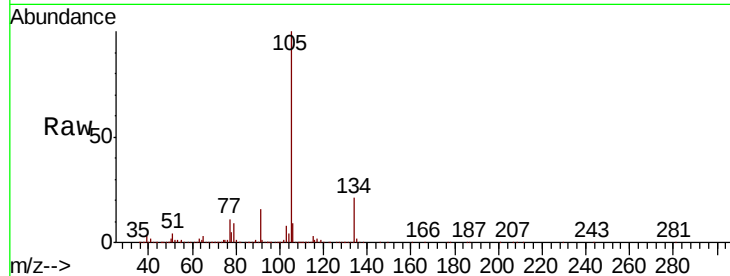
ClientSampled :

Tot Ion:105 Resp: 602595

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.868 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

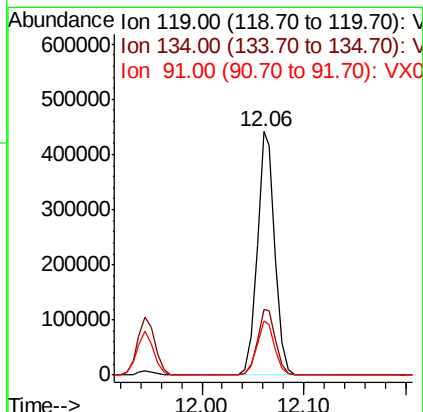
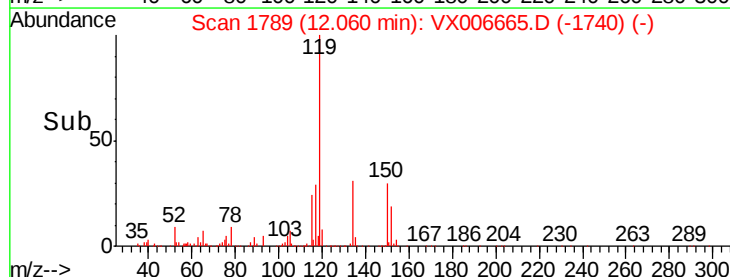
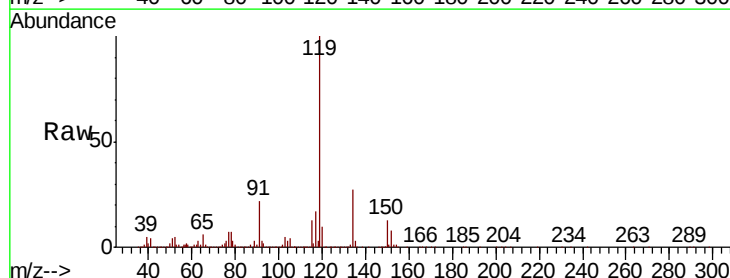
Tgt Ion:119 Resp: 534422

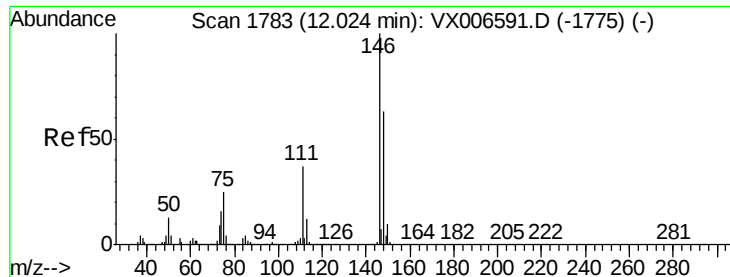
Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.3 11.3 33.9

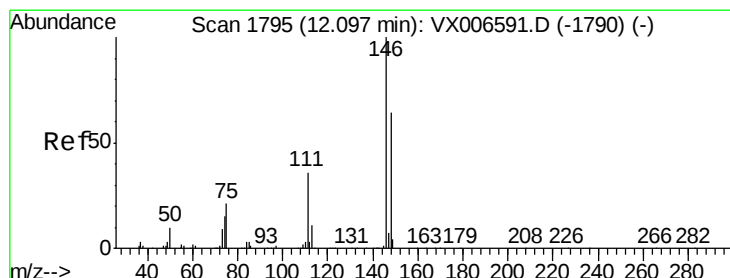
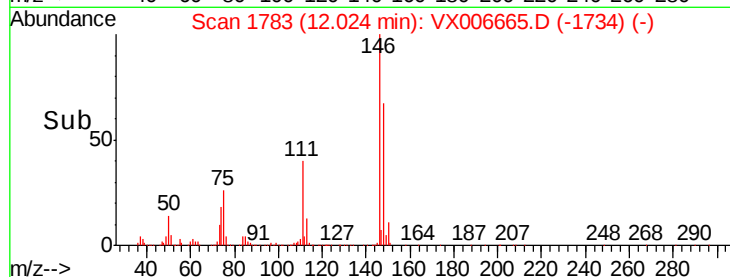
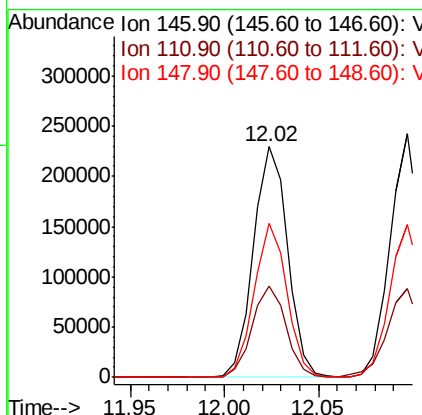
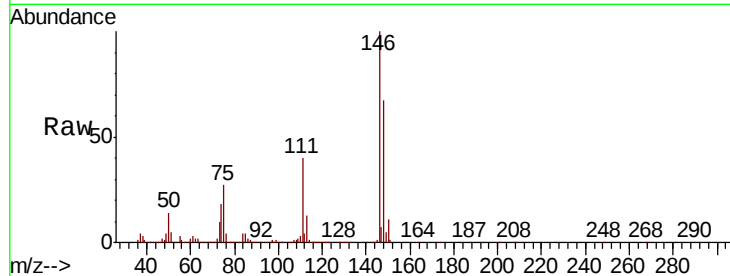




#87
 1,3-Dichlorobenzene
 Concen: 19.584 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

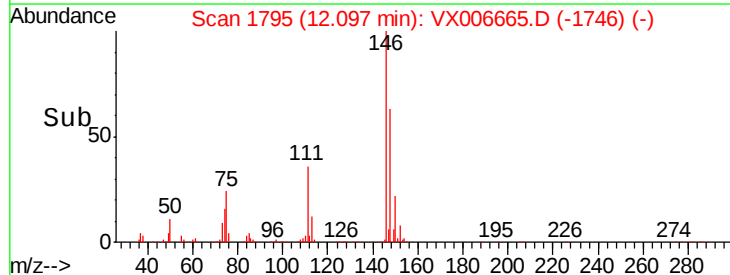
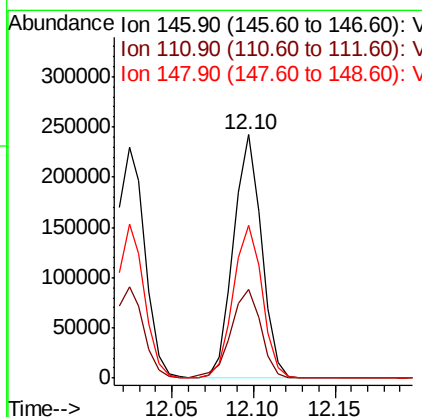
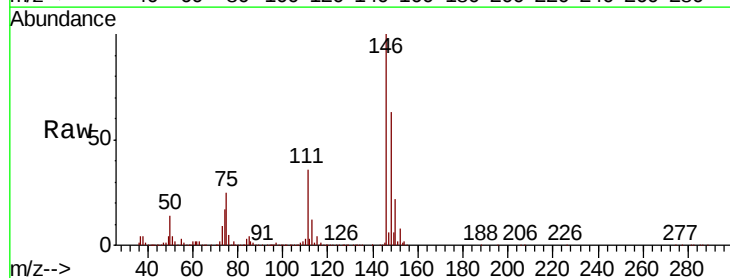
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.6	55.8
148	64.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.130 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.1	54.1
148	65.2	31.9	95.9

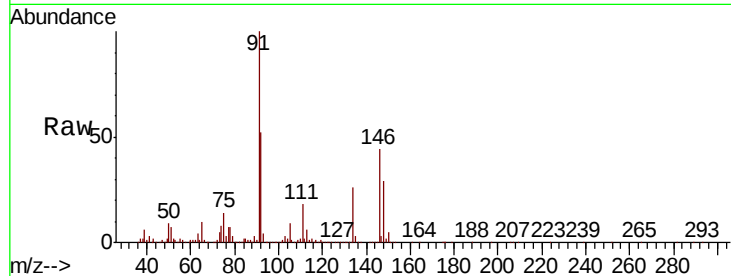




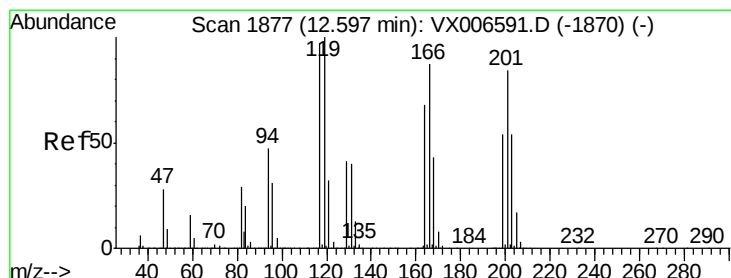
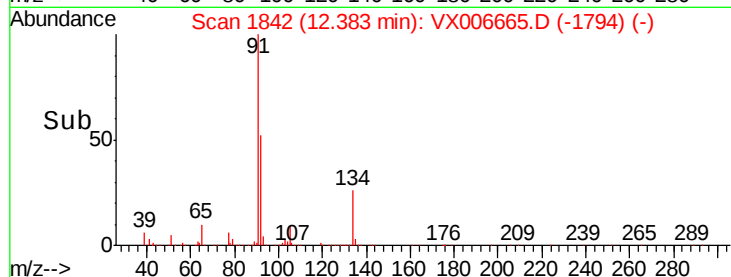
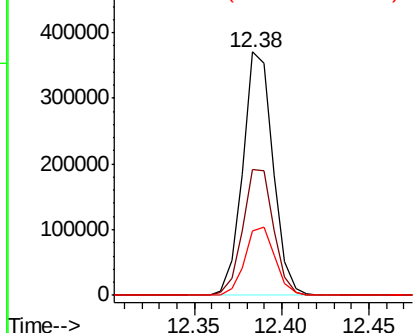
#89
n-Butylbenzene
Concen: 19.405 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 444230
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 28.1 14.4 43.2

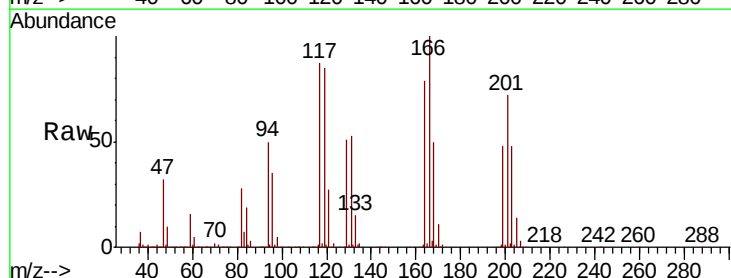


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

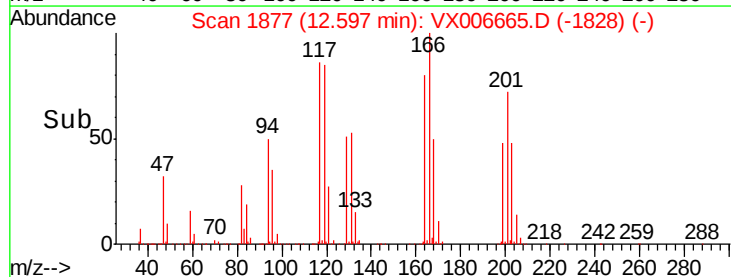
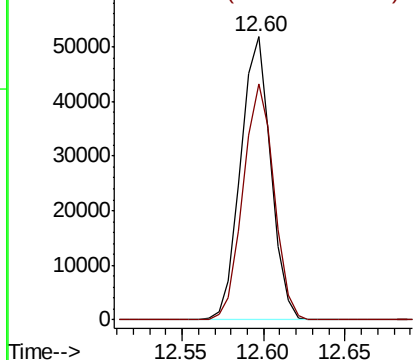


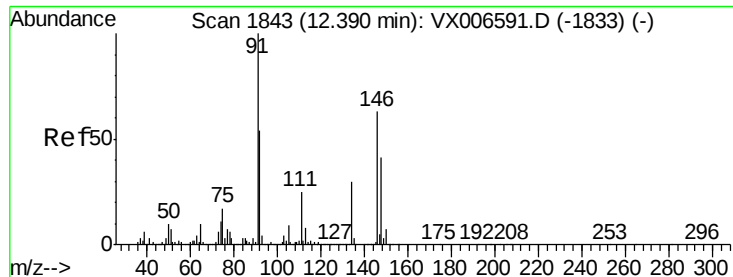
#90
Hexachloroethane
Concen: 18.165 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion: 117 Resp: 67022
Ion Ratio Lower Upper
117 100
201 85.0 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.756 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

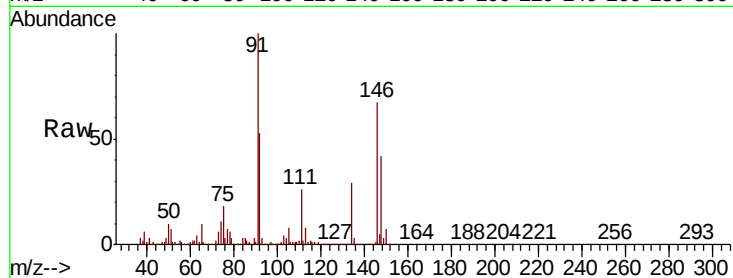
Tot Ion:146 Resp: 291539

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

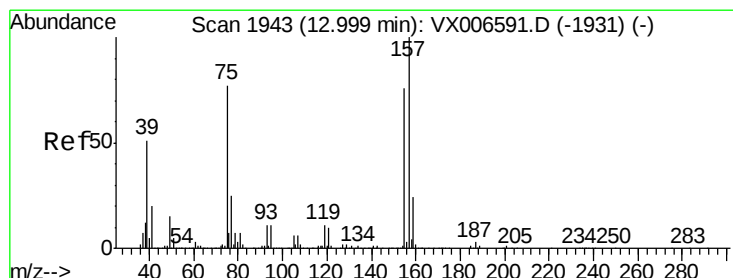
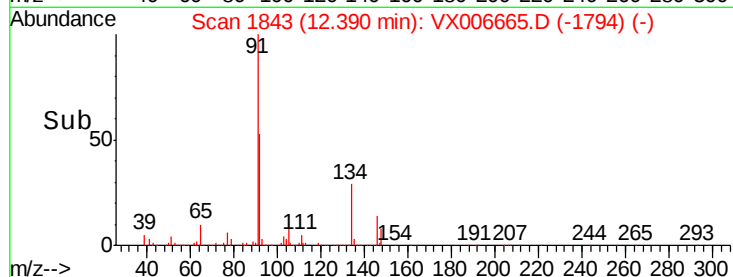
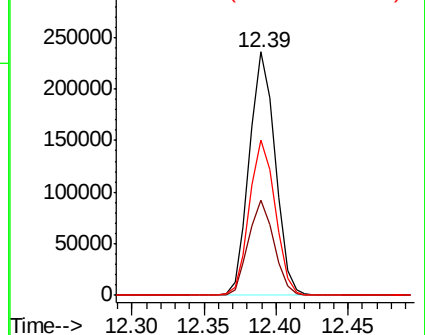
148 64.1 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.188 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006665.D

Acq: 20 Dec 2018 10:27

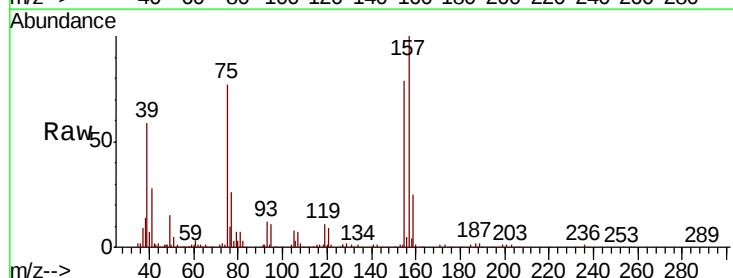
Tgt Ion: 75 Resp: 33886

Ion Ratio Lower Upper

75 100

155 99.4 50.6 151.8

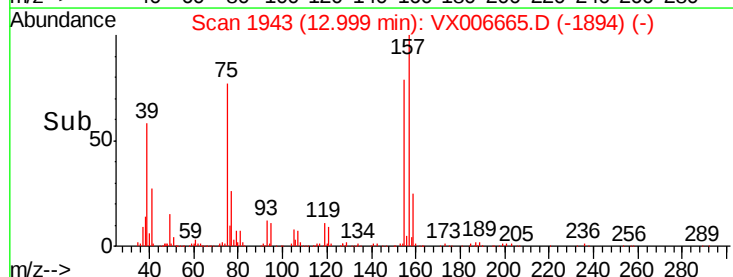
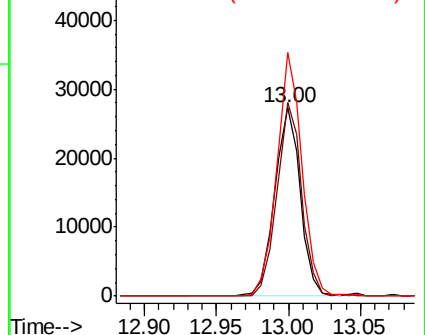
157 127.4 64.6 193.8

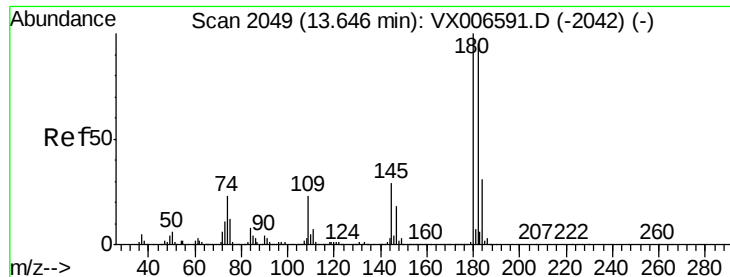


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

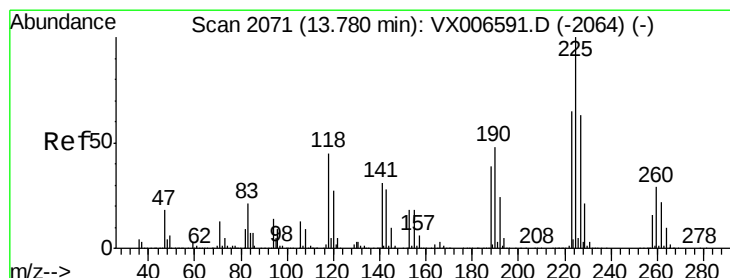
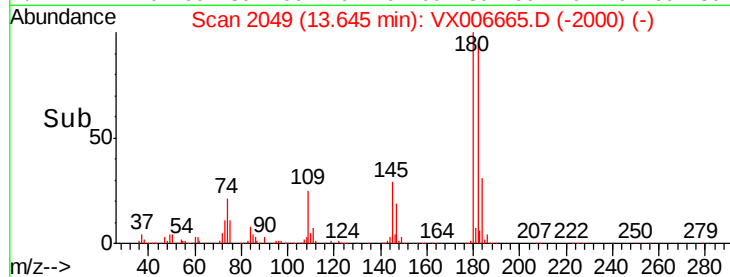
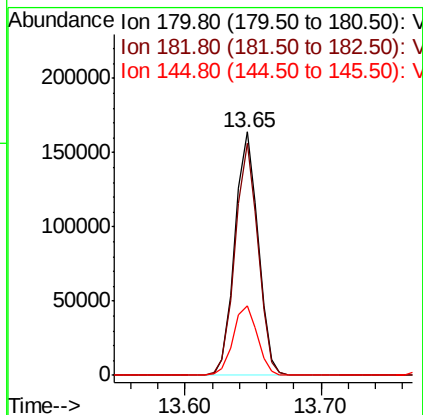
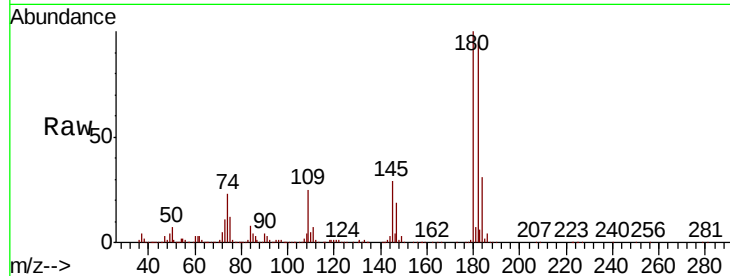




#93
 1,2,4-Trichlorobenzene
 Concen: 19.199 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

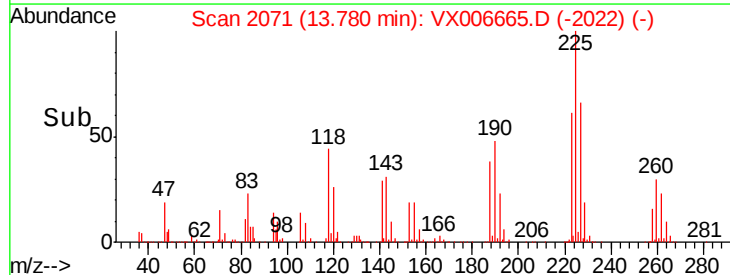
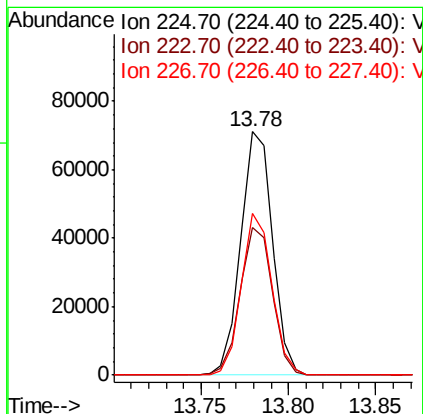
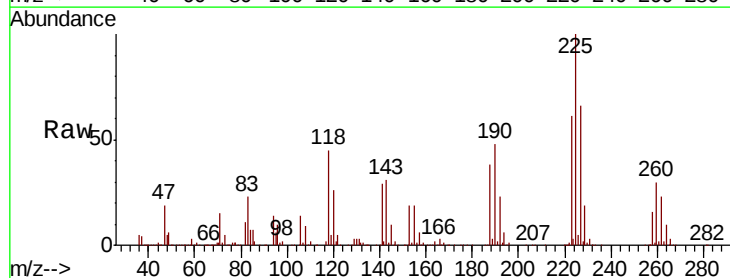
Instrument :
 MSVOA_X
 ClientSampled :

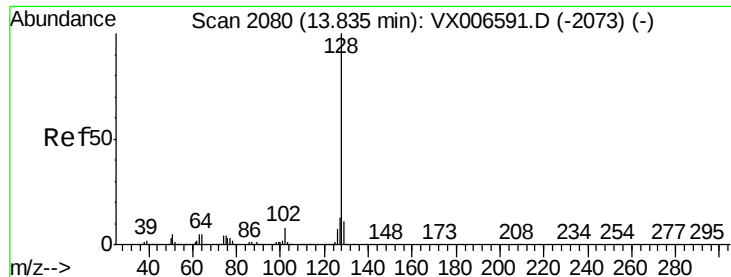
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	29.8	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 18.742 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006665.D
 Acq: 20 Dec 2018 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.1	96.3
227	63.9	32.3	96.8

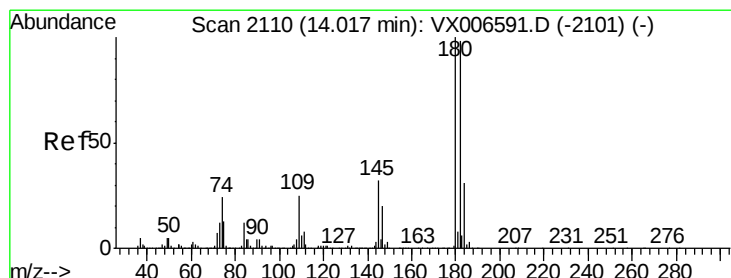
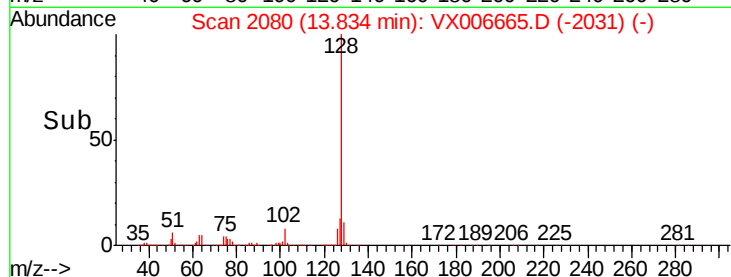
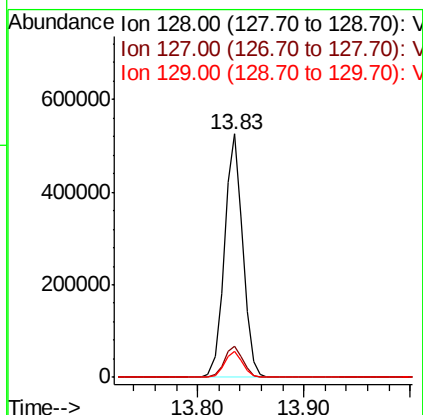
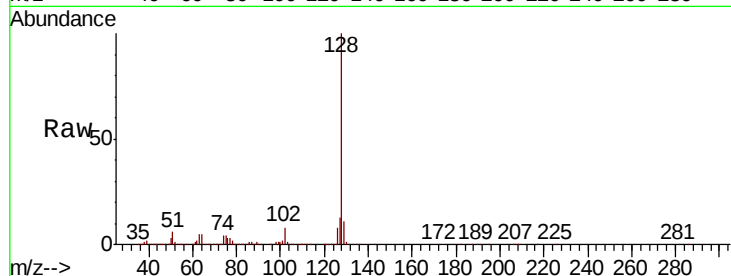




#95
Naphthalene
Concen: 19.340 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 628321
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.600 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006665.D
Acq: 20 Dec 2018 10:27

Tgt Ion:180 Resp: 195481
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.5
145 31.7 16.0 47.9

