

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008189.D
 Acq On : 19 Mar 2019 14:16
 Operator : JC/SP
 Sample : VX0319WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 07:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	454700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215046	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	212810	44.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.78%	
35) Dibromofluoromethane	5.50	113	155781	45.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.56%	
50) Toluene-d8	8.71	98	623789	48.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	223359	50.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76508	20.050	ug/l	99
3) Chloromethane	1.33	50	90921	18.989	ug/l	98
4) Vinyl Chloride	1.41	62	91079	19.078	ug/l	98
5) Bromomethane	1.64	94	62953	15.481	ug/l	99
6) Chloroethane	1.73	64	55657	18.594	ug/l	99
7) Trichlorofluoromethane	1.93	101	112212	18.418	ug/l	100
8) Diethyl Ether	2.19	74	63365	20.215	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80227	19.833	ug/l	91
10) Methyl Iodide	2.51	142	95418	18.526	ug/l	96
11) Tert butyl alcohol	3.04	59	100805	99.339	ug/l	97
12) 1,1-Dichloroethene	2.38	96	75706	19.824	ug/l	90
13) Acrolein	2.29	56	70155	91.564	ug/l	98
14) Allyl chloride	2.73	41	164478	19.785	ug/l	93
15) Acrylonitrile	3.14	53	265009	98.735	ug/l	99
16) Acetone	2.45	43	261402	97.231	ug/l	97
17) Carbon Disulfide	2.57	76	238742	19.569	ug/l	100
18) Methyl Acetate	2.78	43	125477	20.160	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	274438	19.875	ug/l	99
20) Methylene Chloride	2.86	84	88427	19.725	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	80797	19.585	ug/l	92
22) Diisopropyl ether	3.85	45	323286	19.856	ug/l #	81
23) Vinyl Acetate	3.82	43	1408002	100.868	ug/l	97
24) 1,1-Dichloroethane	3.70	63	165439	19.756	ug/l	99
25) 2-Butanone	4.67	43	396431	99.893	ug/l	98
26) 2,2-Dichloropropane	4.59	77	123190	19.528	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	92625	19.695	ug/l	92
28) Bromochloromethane	5.01	49	70112	18.646	ug/l #	81
29) Tetrahydrofuran	5.13	42	252123	101.627	ug/l	97
30) Chloroform	5.21	83	154644	19.743	ug/l	99
31) Cyclohexane	5.58	56	161376	20.523	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	128852	19.775	ug/l	97
36) 1,1-Dichloropropene	5.80	75	121237	20.487	ug/l	97
37) Ethyl Acetate	4.83	43	145817	20.844	ug/l	98
38) Carbon Tetrachloride	5.79	117	108048	20.491	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149892	21.048	ug/l	92
40) Benzene	6.14	78	360205	20.565	ug/l	100
41) Methacrylonitrile	5.04	41	81696	20.820	ug/l	97
42) 1,2-Dichloroethane	6.19	62	131359	20.472	ug/l	96
43) Isopropyl Acetate	6.45	43	232211	20.709	ug/l	97
44) Trichloroethene	7.21	130	86803	20.268	ug/l	92
45) 1,2-Dichloropropane	7.51	63	98854	20.161	ug/l	100
46) Dibromomethane	7.66	93	58860	19.826	ug/l	87
47) Bromodichloromethane	7.90	83	114086	20.164	ug/l	98
48) Methyl methacrylate	7.77	41	120968	20.289	ug/l	93
49) 1,4-Dioxane	7.74	88	43216	410.753	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	766073	105.678	ug/l	97
52) Toluene	8.78	92	217086	20.891	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	126839	18.814	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	142714	20.325	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	87356	20.807	ug/l	99
56) Ethyl methacrylate	9.18	69	143469	19.803	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	153615	20.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	331152	96.267	ug/l	93
59) 2-Hexanone	9.49	43	591862	106.050	ug/l	96
60) Dibromochloromethane	9.58	129	82622	20.477	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89332	20.377	ug/l	99
64) Tetrachloroethene	9.34	164	83901	20.452	ug/l	96
65) Chlorobenzene	10.14	112	228076	20.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	78959	20.241	ug/l	99
67) Ethyl Benzene	10.25	91	409350	20.762	ug/l	98
68) m/p-Xylenes	10.36	106	299382	41.337	ug/l	92
69) o-Xylene	10.69	106	145515	20.677	ug/l	95
70) Styrene	10.71	104	236478	20.676	ug/l	95
71) Bromoform	10.85	173	59549	19.139	ug/l #	100
73) Isopropylbenzene	11.02	105	397574	20.741	ug/l	98
74) N-amyl acetate	10.90	43	202753	20.189	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	137462	19.999	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161880	26.764	ug/l	92
77) Bromobenzene	11.26	156	93481	20.171	ug/l	85
78) n-propylbenzene	11.36	91	465463	20.907	ug/l	95
79) 2-Chlorotoluene	11.42	91	273972	20.503	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	330252	20.855	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	41103	18.263	ug/l	89
82) 4-Chlorotoluene	11.51	91	316235	20.337	ug/l	95
83) tert-Butylbenzene	11.77	119	308887	20.430	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	332777	20.728	ug/l	98
85) sec-Butylbenzene	11.94	105	395449	21.121	ug/l	96
86) p-Isopropyltoluene	12.06	119	342789	21.151	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	168001	20.284	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	167607	19.564	ug/l	97
89) n-Butylbenzene	12.38	91	316055	20.778	ug/l	96
90) Hexachloroethane	12.60	117	56958	20.636	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	165703	19.842	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29074	19.045	ug/l	78

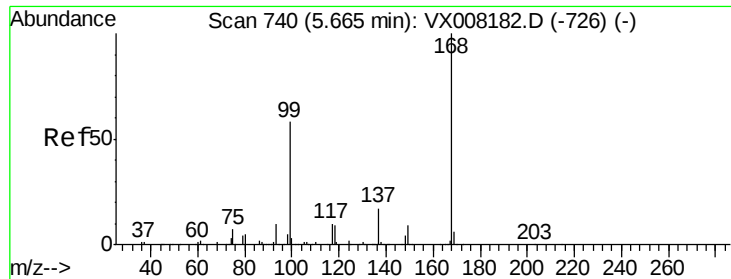
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110533	20.094	ug/l	99
94) Hexachlorobutadiene	13.78	225	56041	20.889	ug/l	100
95) Naphthalene	13.83	128	348125	20.051	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111096	20.525	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. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

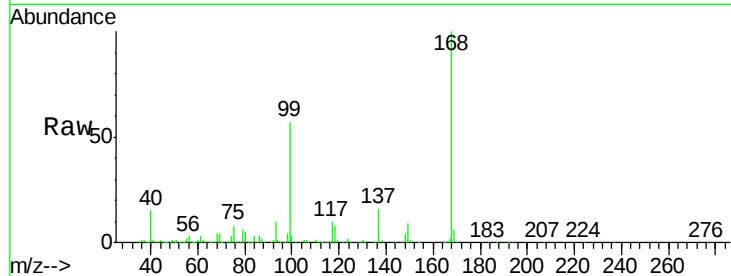
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 314736

Ion Ratio Lower Upper

168 100

99 56.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

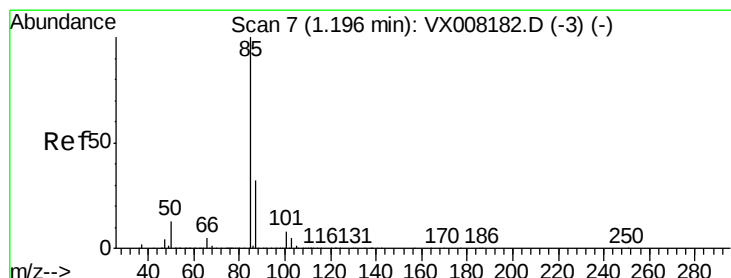
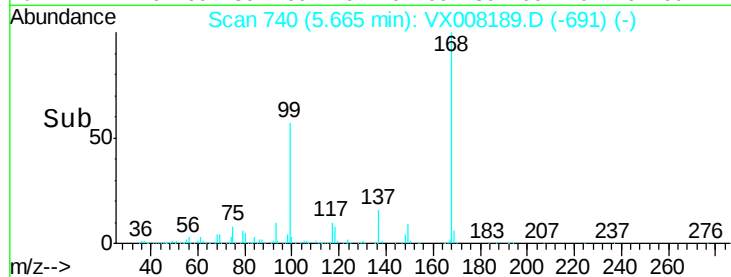
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.050 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008189.D

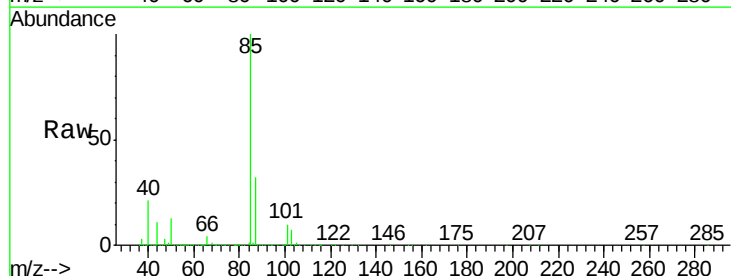
Acq: 19 Mar 2019 14:16

Tgt Ion: 85 Resp: 76508

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

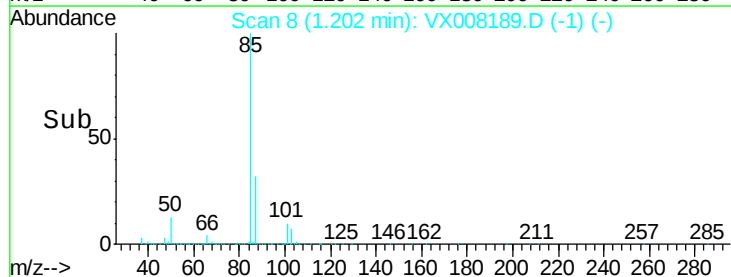
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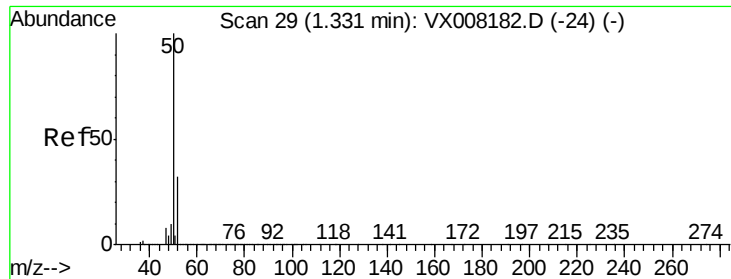
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.989 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

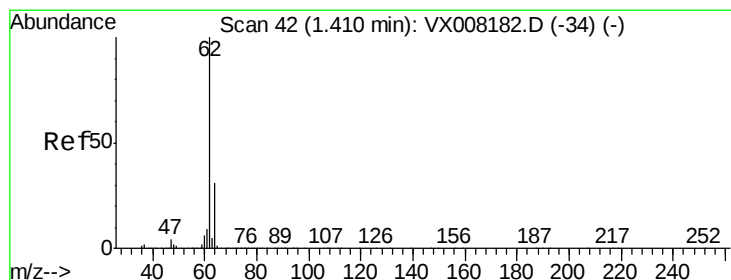
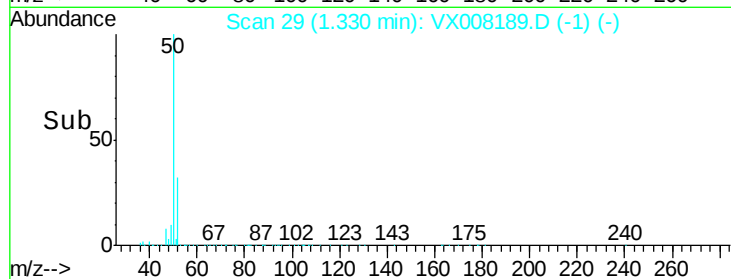
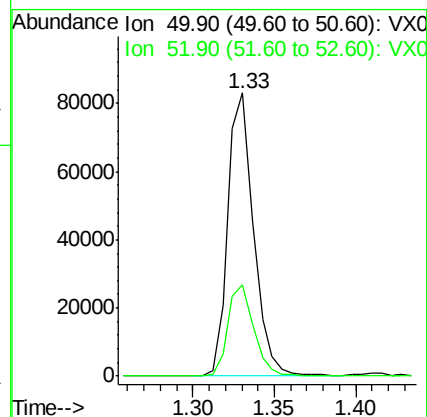
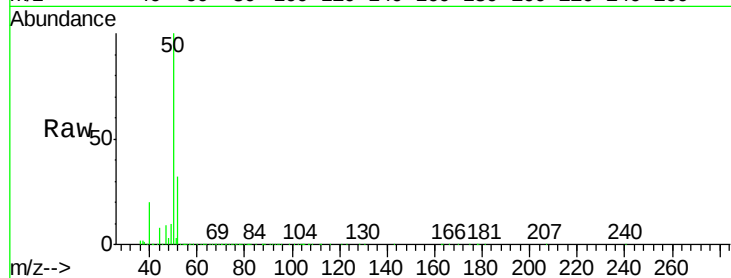
ClientSampleId :

Tot Ion: 50 Resp: 90921

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 19.078 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008189.D

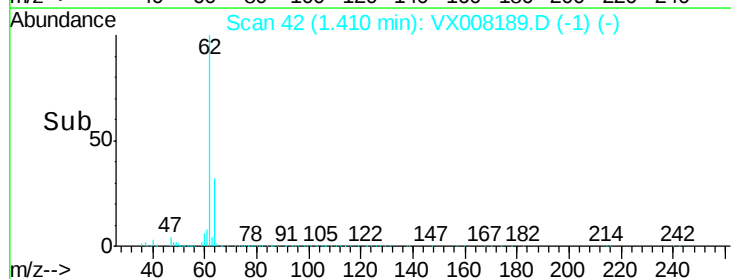
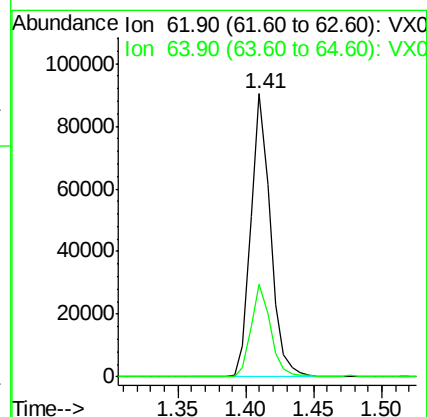
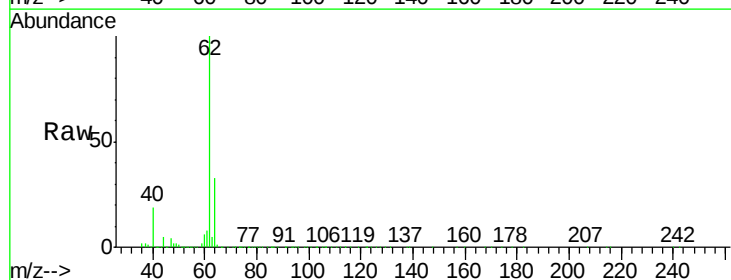
Acq: 19 Mar 2019 14:16

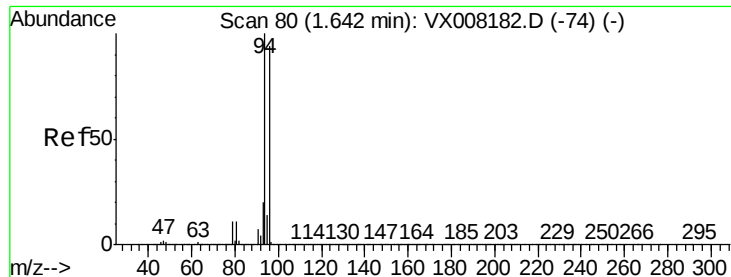
Tgt Ion: 62 Resp: 91079

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 15.481 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

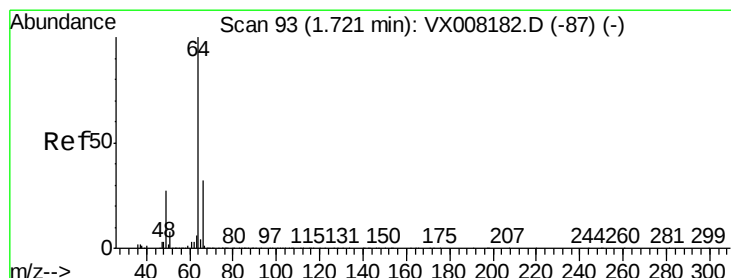
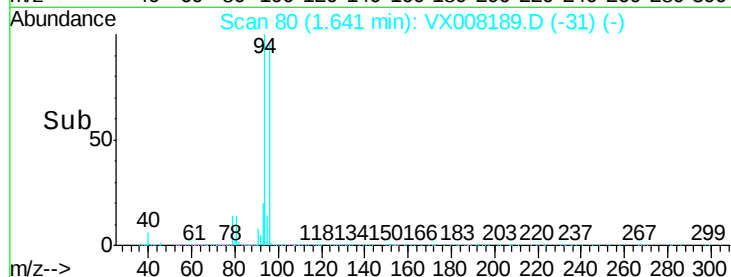
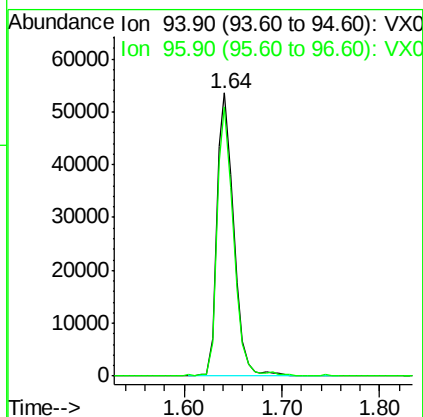
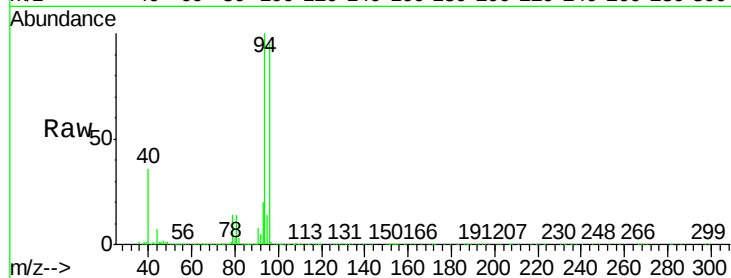
ClientSampleId :

Tot Ion: 94 Resp: 62953

Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3



#6

Chloroethane

Concen: 18.594 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008189.D

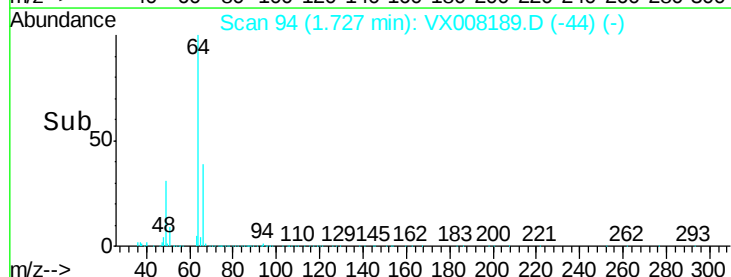
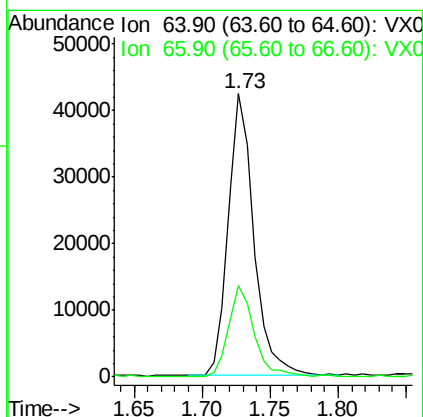
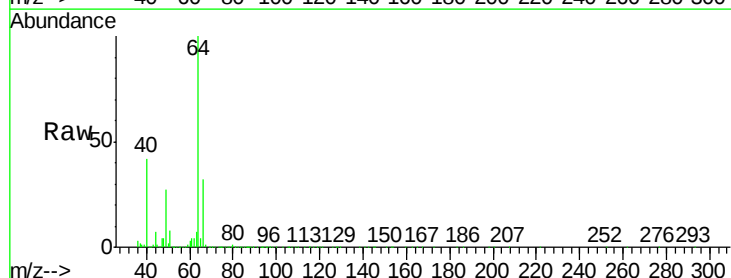
Acq: 19 Mar 2019 14:16

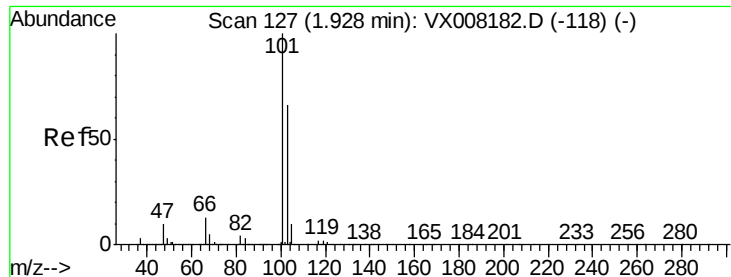
Tgt Ion: 64 Resp: 55657

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



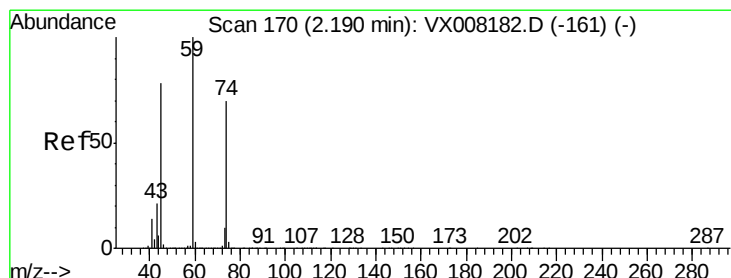
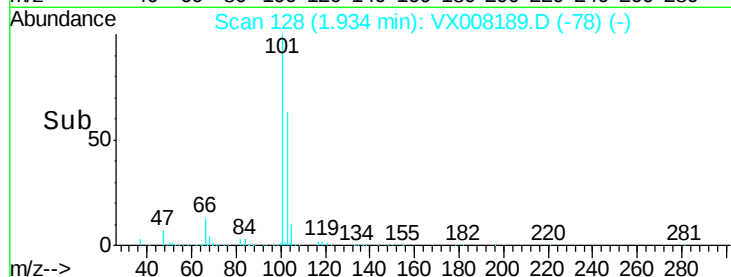
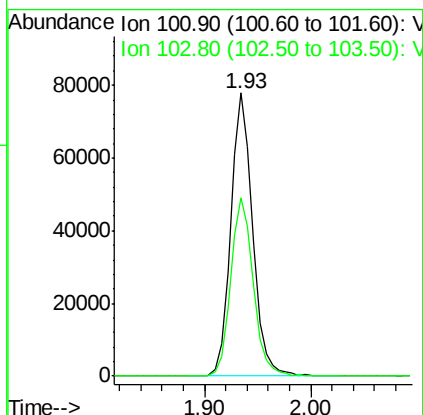
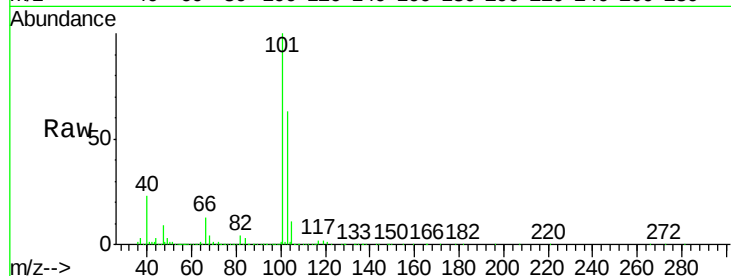


#7

Trichlorofluoromethane
Concen: 18.418 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :

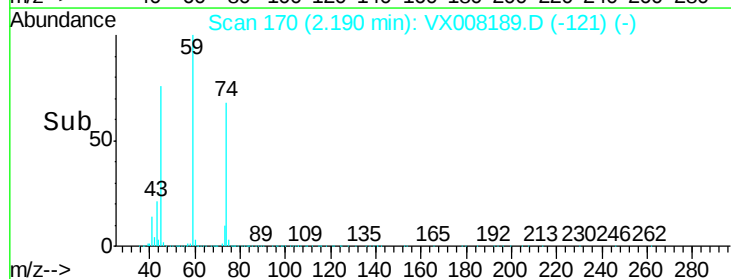
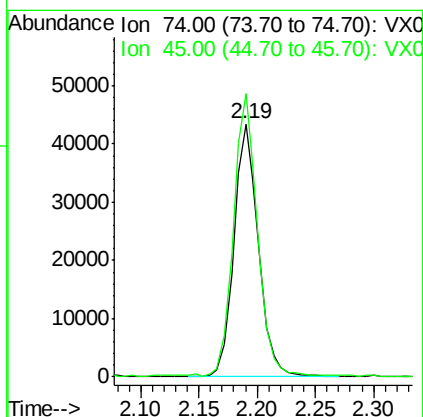
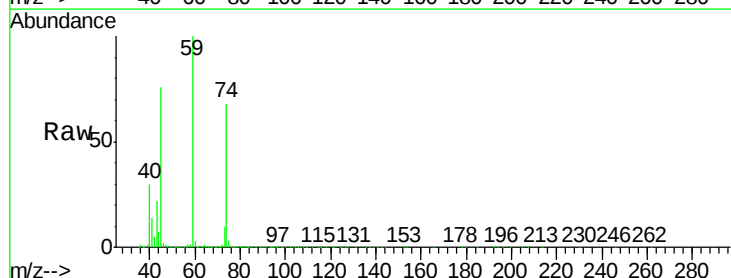
Tot Ion:101 Resp: 112212
Ion Ratio Lower Upper
101 100
103 63.1 50.4 75.6

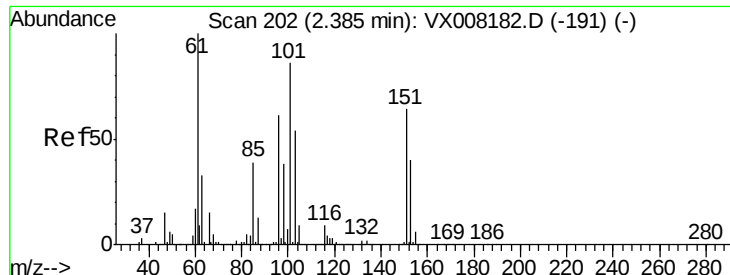


#8

Diethyl Ether
Concen: 20.215 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 74 Resp: 63365
Ion Ratio Lower Upper
74 100
45 108.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.833 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

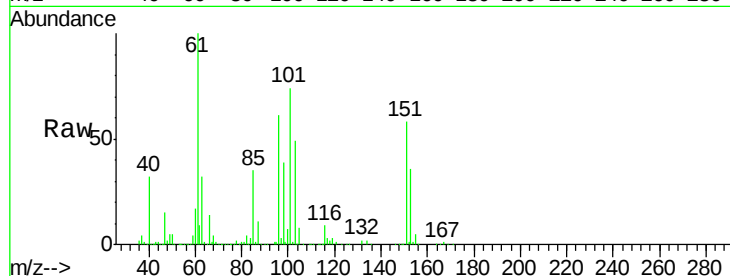
Tot Ion:101 Resp: 80227

Ion Ratio Lower Upper

101 100

85 45.8 33.8 50.6

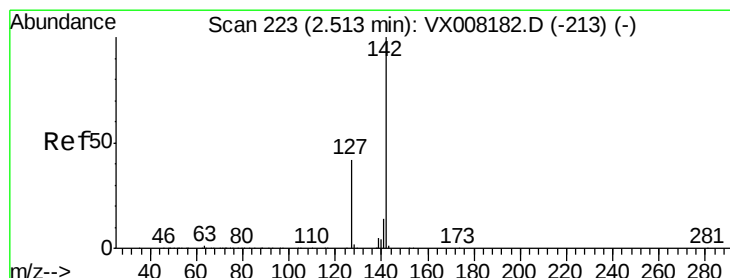
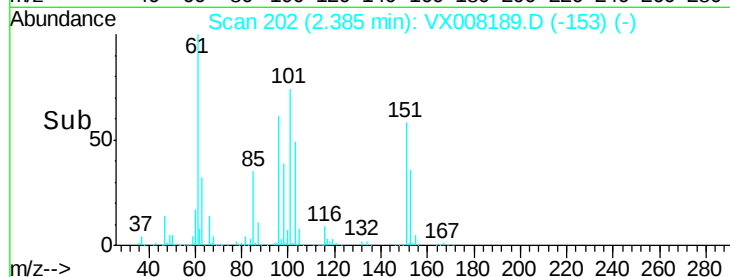
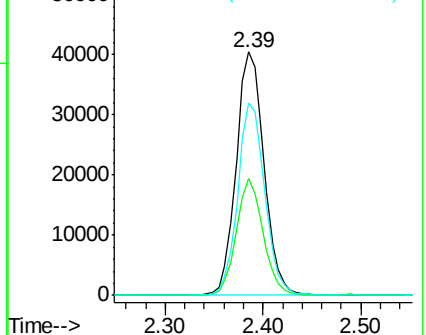
151 76.6 69.1 103.7



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: 18.526 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

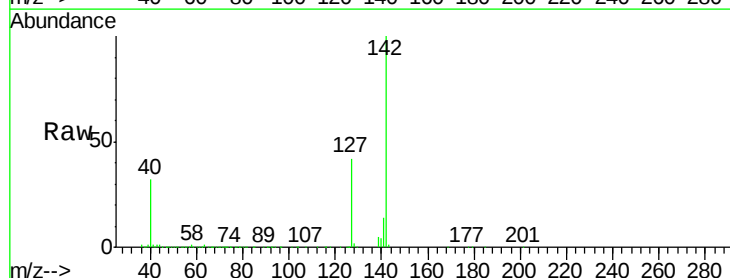
Tgt Ion:142 Resp: 95418

Ion Ratio Lower Upper

142 100

127 43.0 32.1 48.1

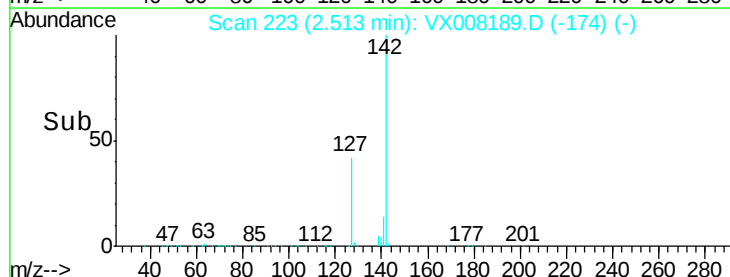
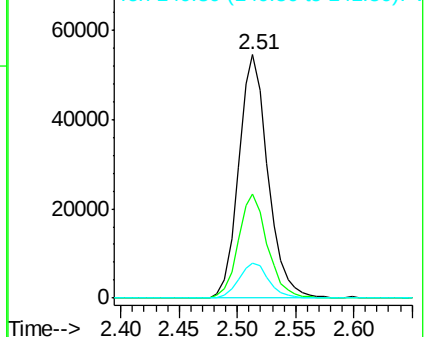
141 14.8 11.4 17.2

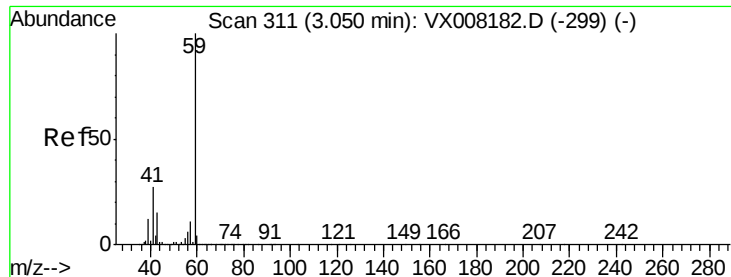


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



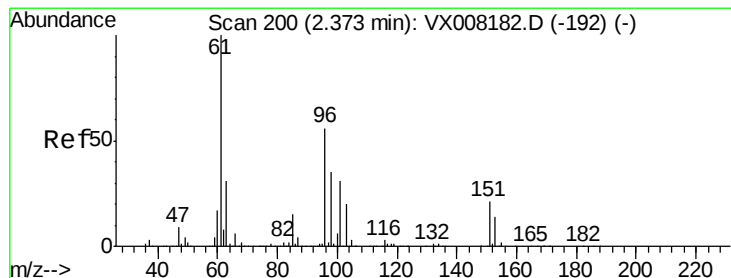
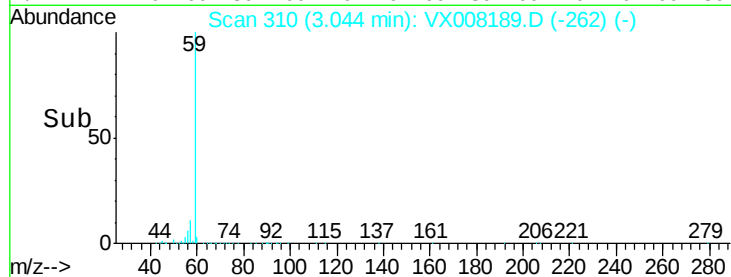
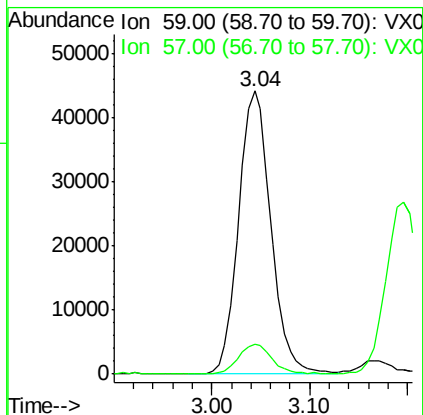
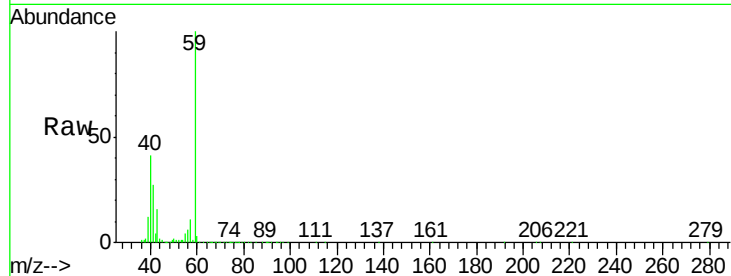


#11

Tert butyl alcohol
 Concen: 99.339 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Instrument :
 MSVOA_X
 ClientSampleId :

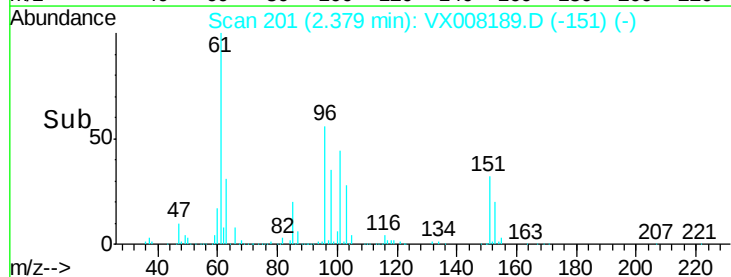
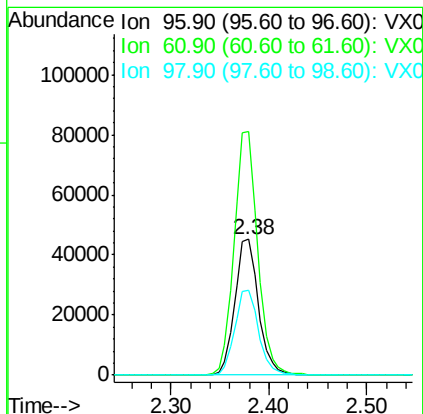
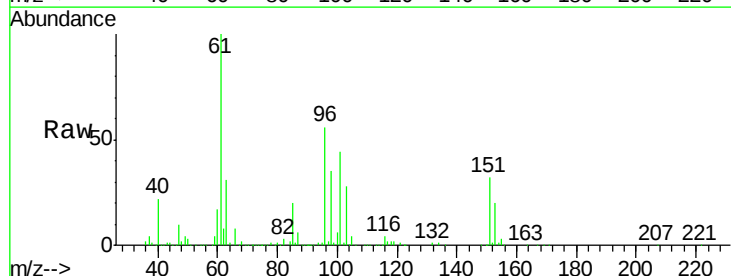
Tot Ion: 59 Resp: 100805
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.2

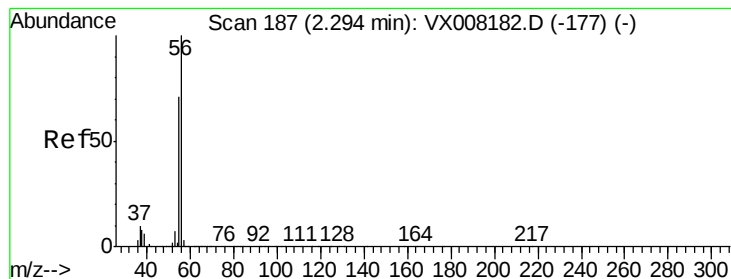


#12

1,1-Dichloroethene
 Concen: 19.824 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion: 96 Resp: 75706
 Ion Ratio Lower Upper
 96 100
 61 179.5 129.8 194.6
 98 62.9 51.0 76.6





#13

Acrolein

Concen: 91.564 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

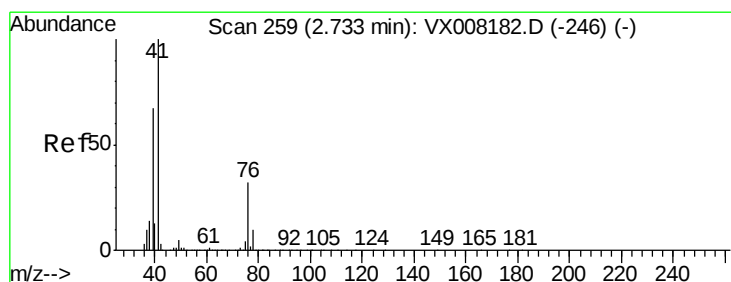
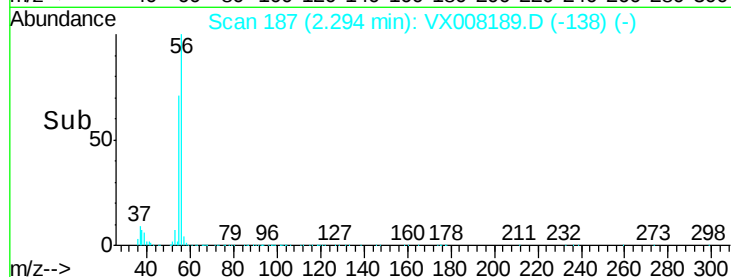
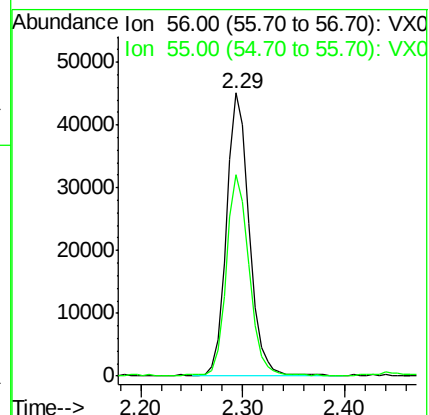
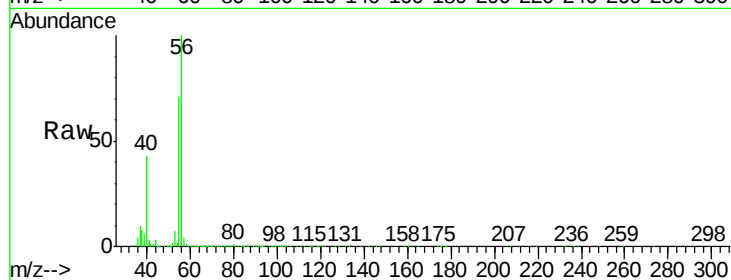
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 70155

Ion Ratio Lower Upper

56 100

55 70.2 57.8 86.6



#14

Allyl chloride

Concen: 19.785 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

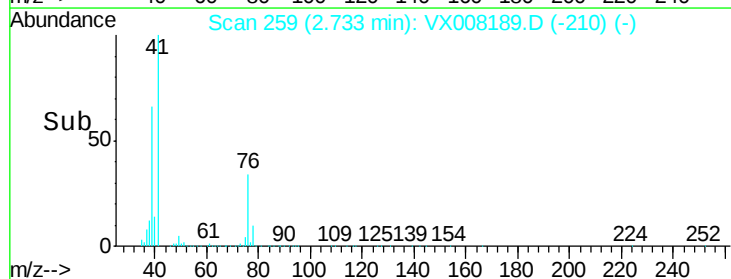
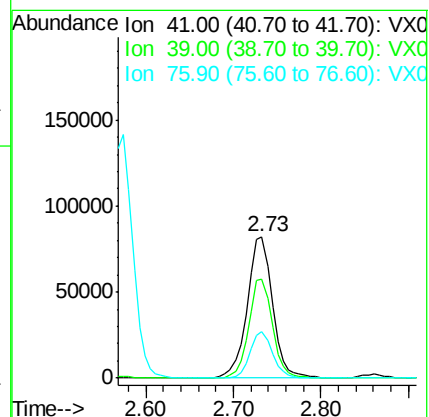
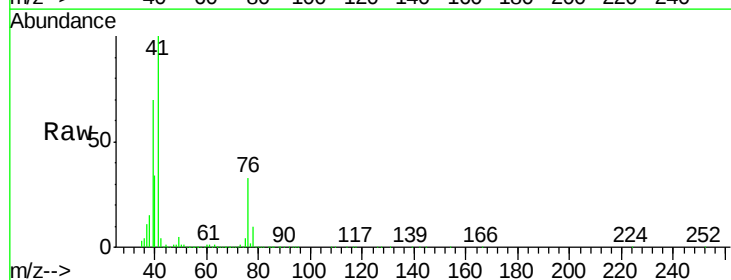
Tgt Ion: 41 Resp: 164478

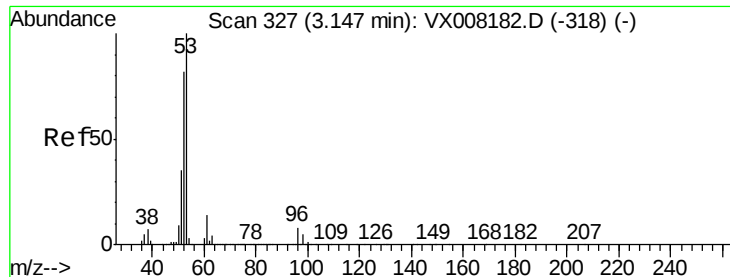
Ion Ratio Lower Upper

41 100

39 65.4 46.1 69.1

76 29.2 24.0 36.0





#15

Acrylonitrile

Concen: 98.735 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

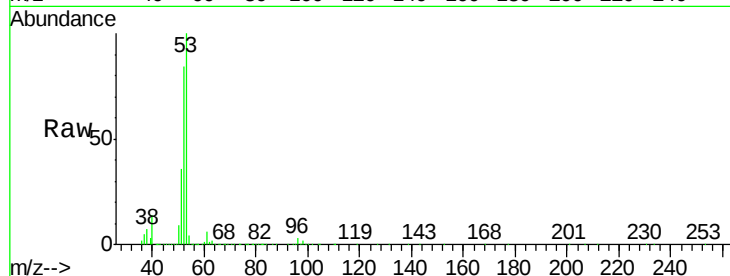
Tot Ion: 53 Resp: 265009

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

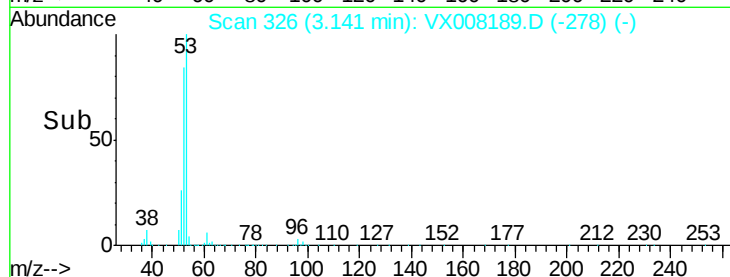
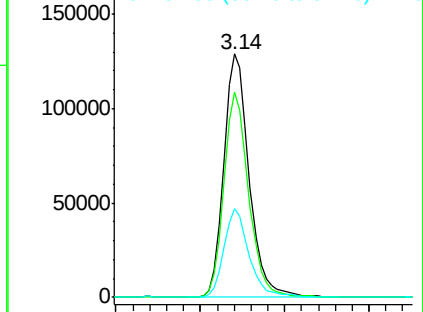
51 36.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.231 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008189.D

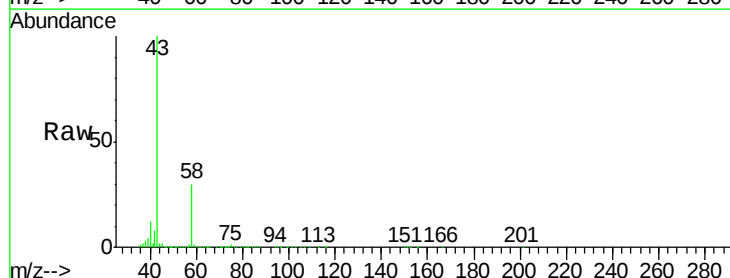
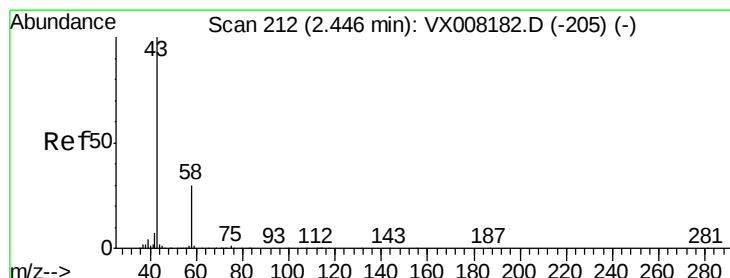
Acq: 19 Mar 2019 14:16

Tgt Ion: 43 Resp: 261402

Ion Ratio Lower Upper

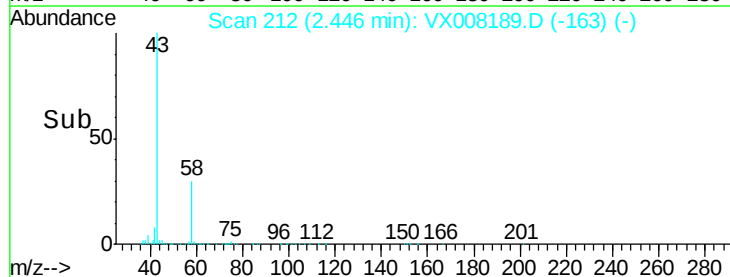
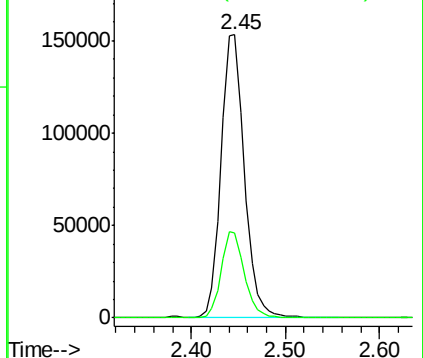
43 100

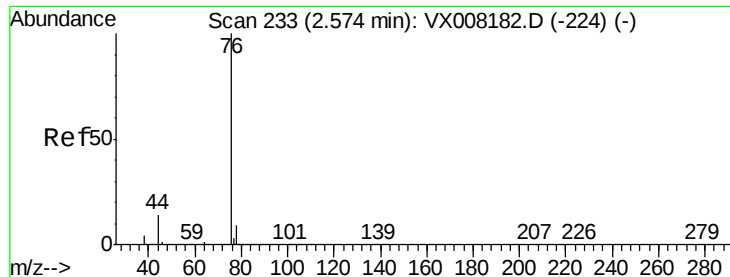
58 30.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.569 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

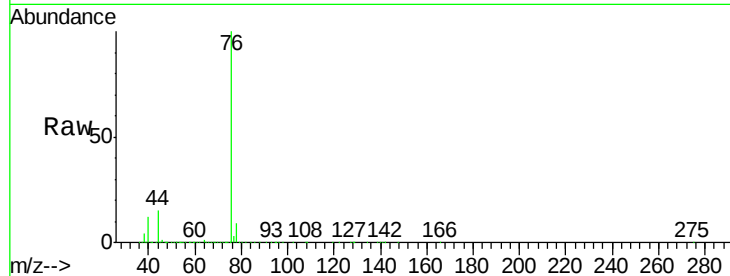
ClientSampleId :

Tot Ion: 76 Resp: 238742

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

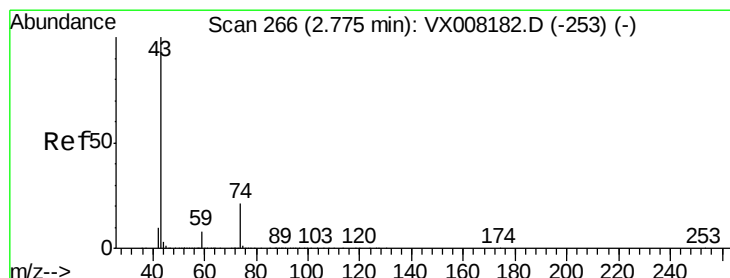
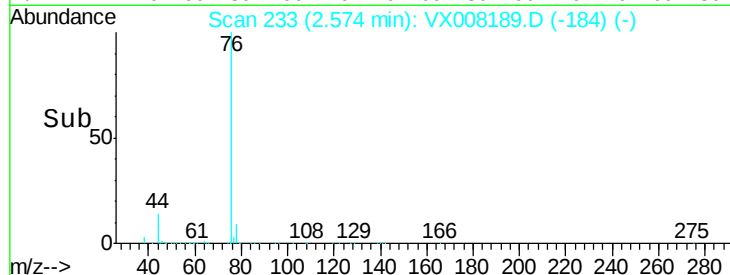
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 20.160 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008189.D

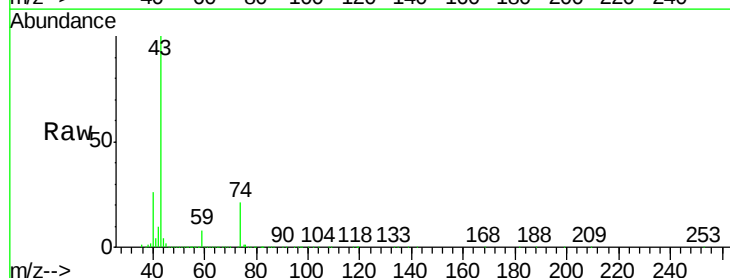
Acq: 19 Mar 2019 14:16

Tgt Ion: 43 Resp: 125477

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

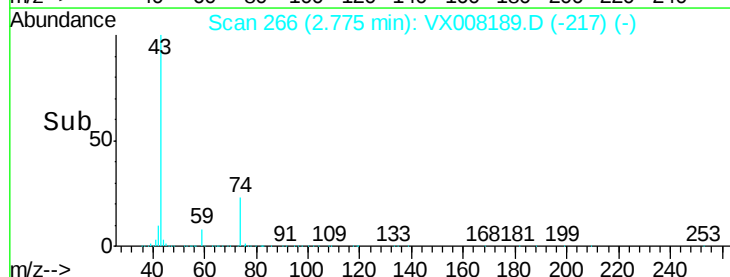
40000

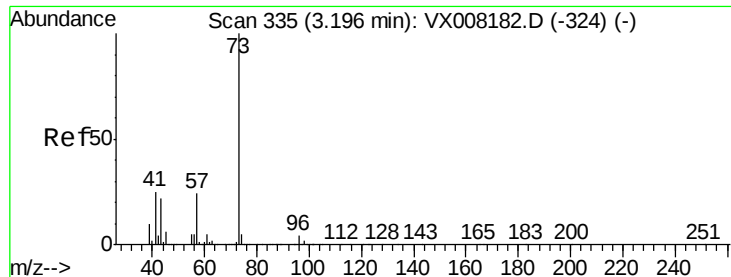
20000

0

2.70 2.80 2.90

Time-->



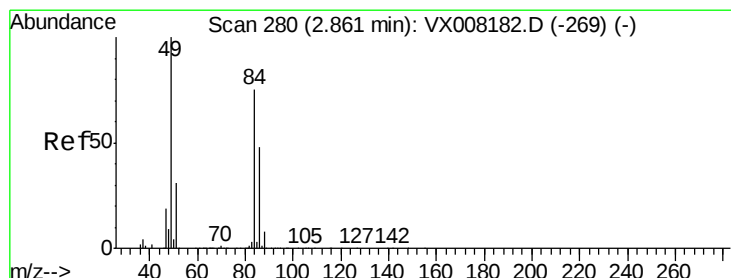
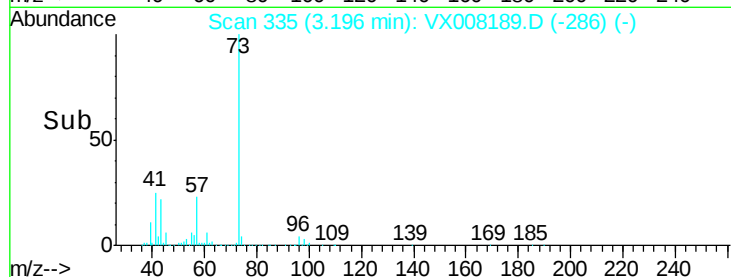
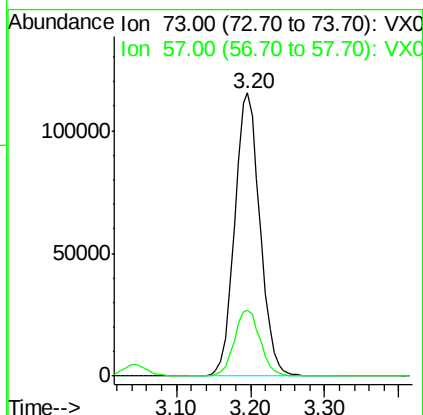
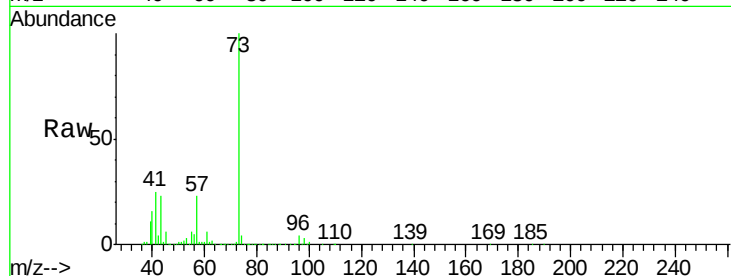


#19

Methyl tert-butyl Ether
Concen: 19.875 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampled :

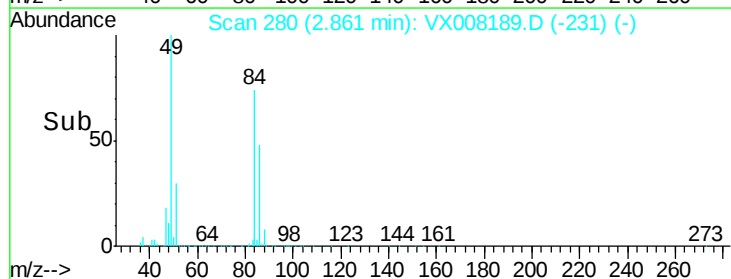
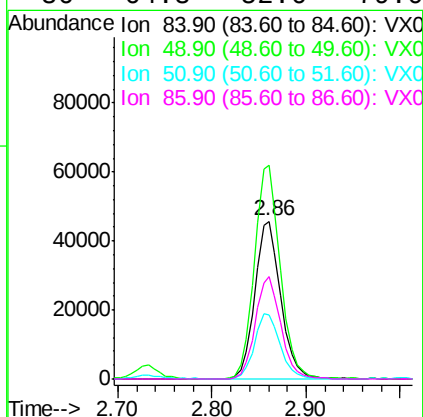
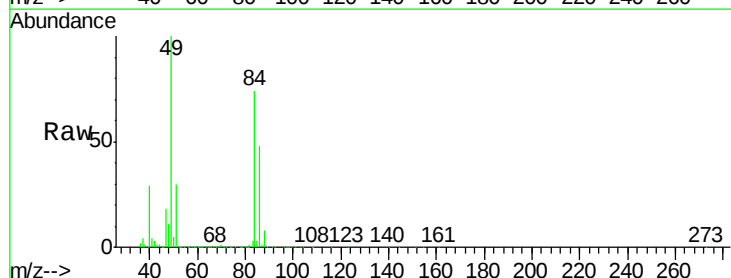
Tot Ion: 73 Resp: 274438
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4

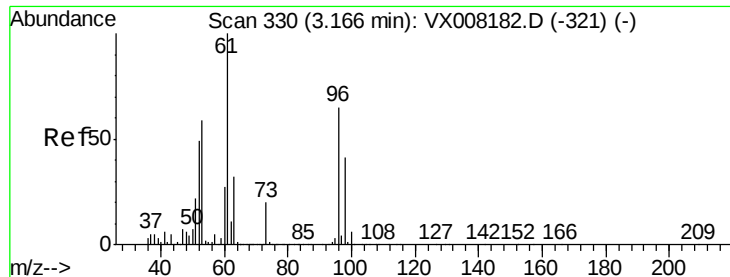


#20

Methylene Chloride
Concen: 19.725 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 84 Resp: 88427
Ion Ratio Lower Upper
84 100
49 135.4 99.3 148.9
51 40.4 31.3 46.9
86 64.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.585 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :

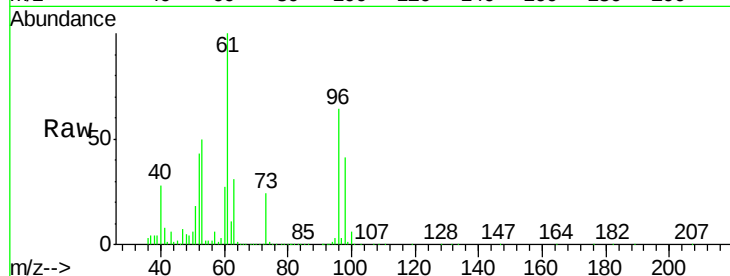
Tot Ion: 96 Resp: 80797

Ion Ratio Lower Upper

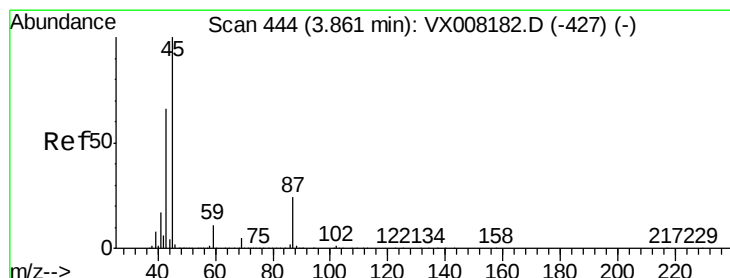
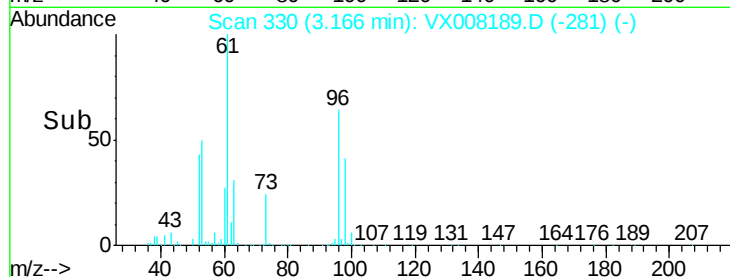
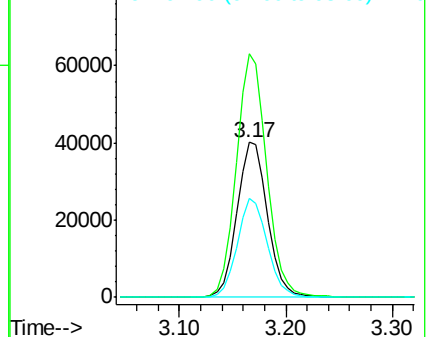
96 100

61 157.2 114.4 171.6

98 63.9 51.1 76.7



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



#22

Diisopropyl ether

Concen: 19.856 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 45 Resp: 323286

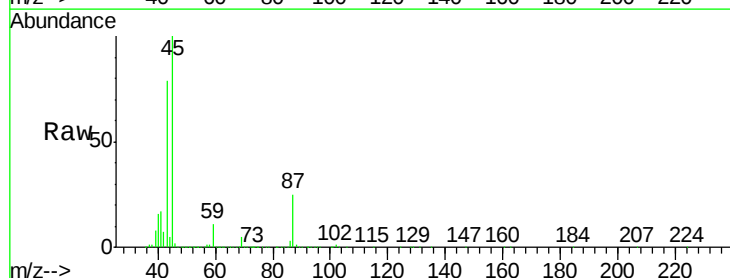
Ion Ratio Lower Upper

45 100

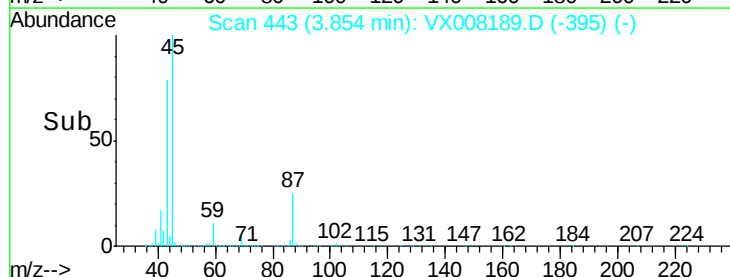
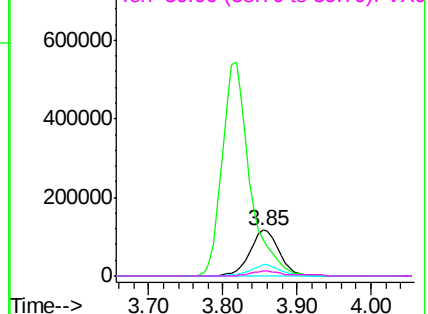
43 78.7 45.3 67.9#

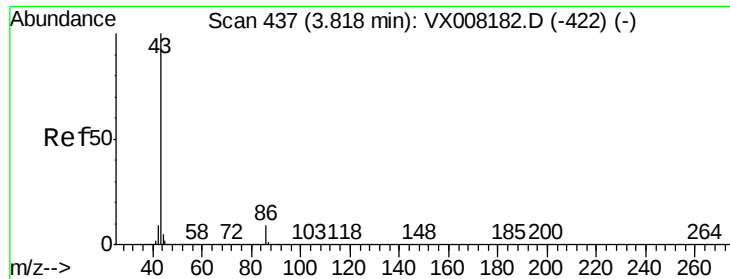
87 24.9 21.4 32.0

59 10.7 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.868 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

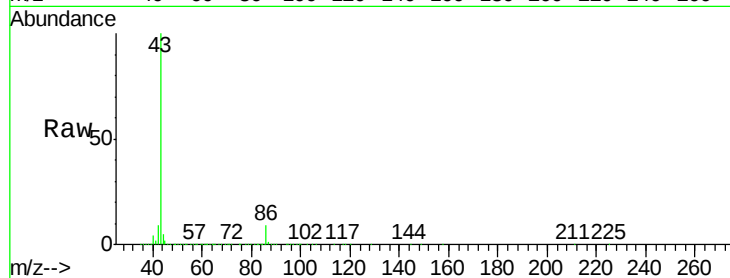
ClientSampled :

Tot Ion: 43 Resp: 1408002

Ion Ratio Lower Upper

43 100

86 8.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

200000

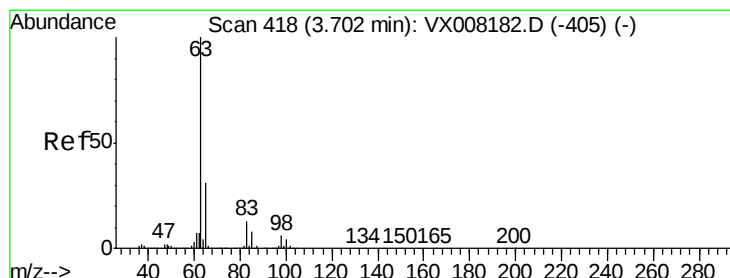
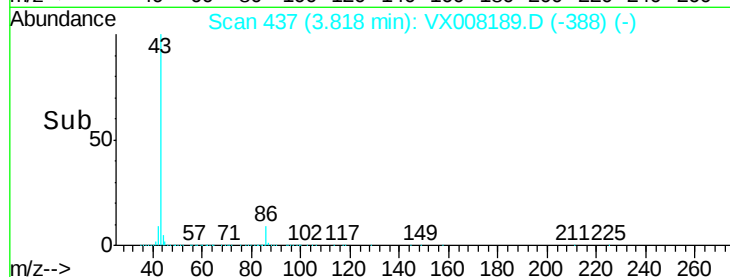
100000

0

3.82

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.756 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

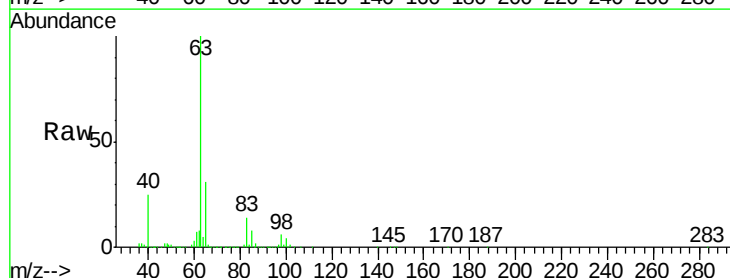
Tgt Ion: 63 Resp: 165439

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

40000

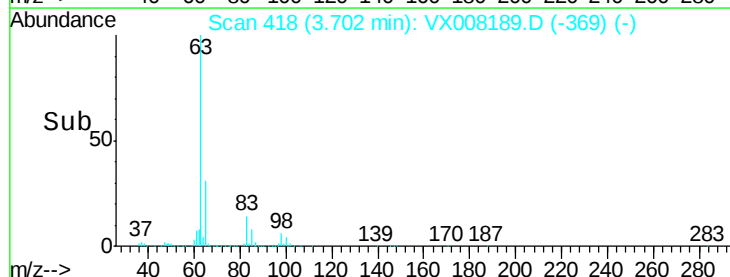
20000

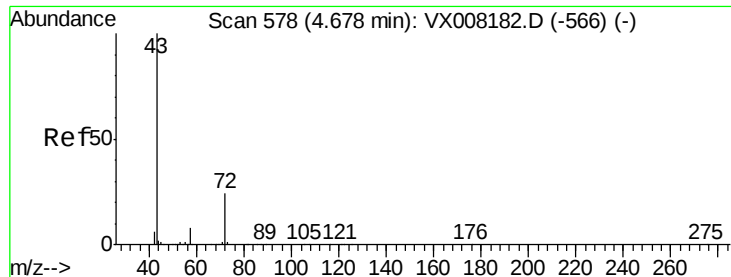
0

3.70

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 99.893 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

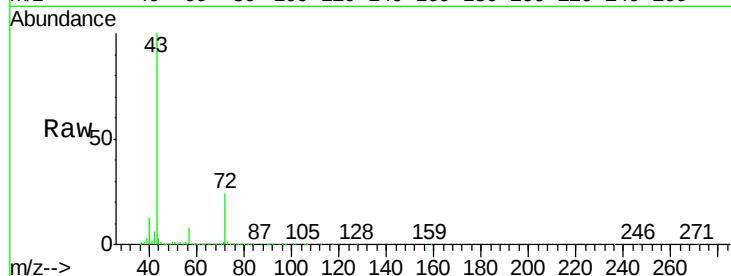
ClientSampled :

Tot Ion: 43 Resp: 396431

Ion Ratio Lower Upper

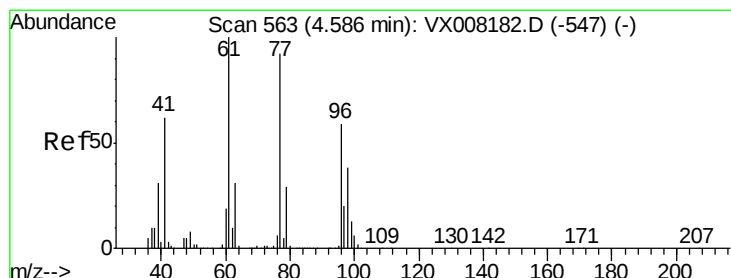
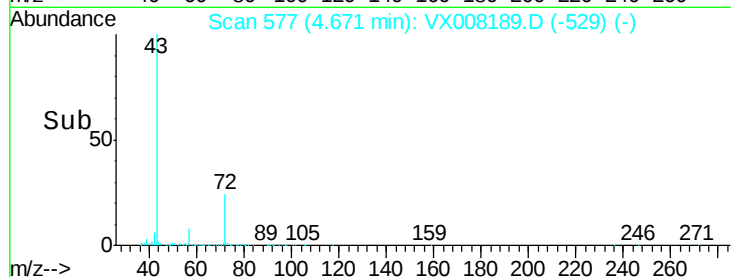
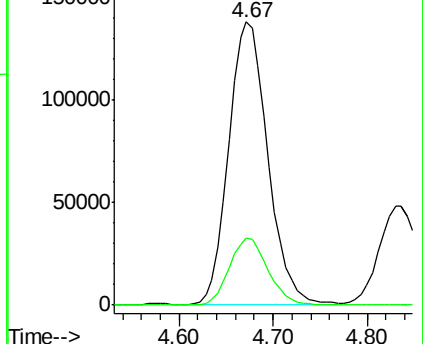
43 100

72 23.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.528 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008189.D

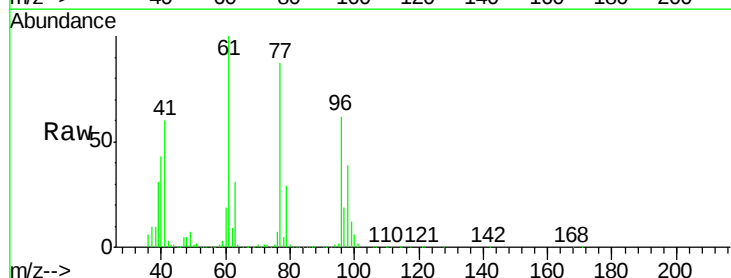
Acq: 19 Mar 2019 14:16

Tgt Ion: 77 Resp: 123190

Ion Ratio Lower Upper

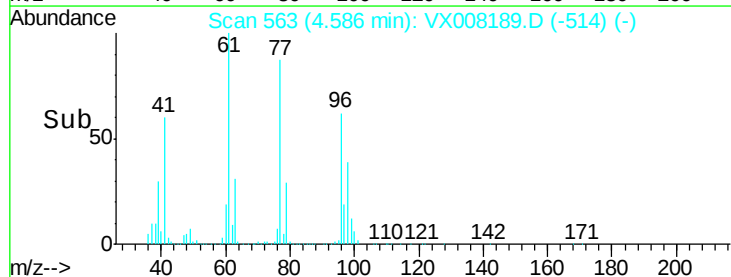
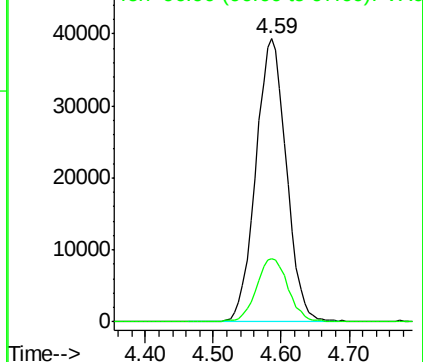
77 100

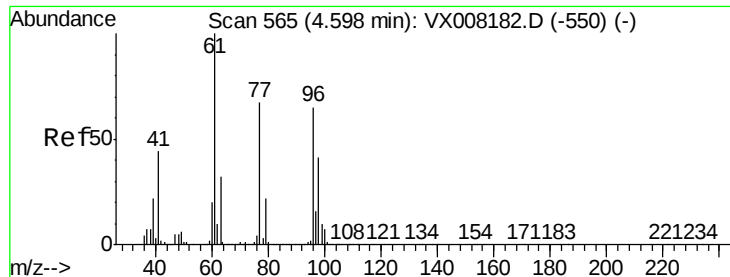
97 23.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



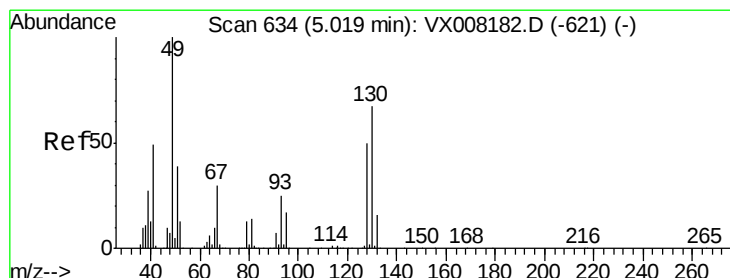
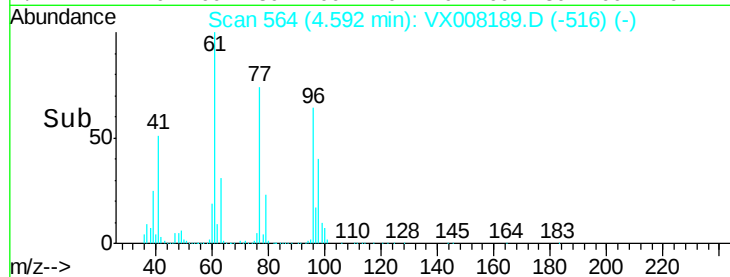
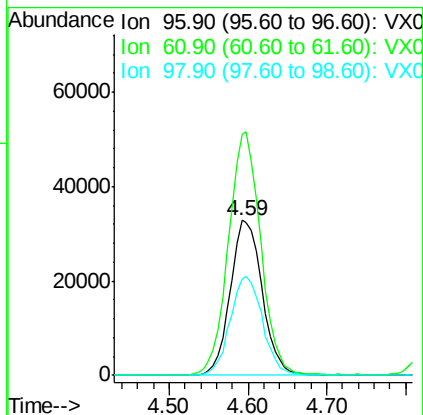
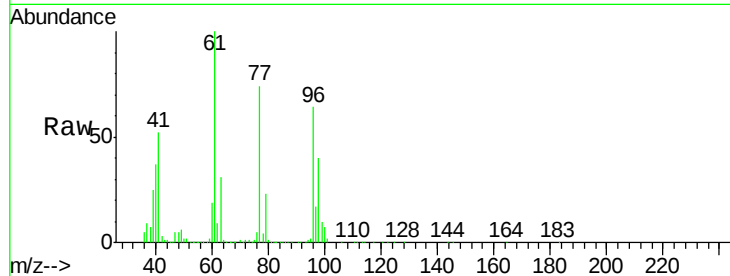


#27

cis-1,2-Dichloroethene
Concen: 19.695 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :

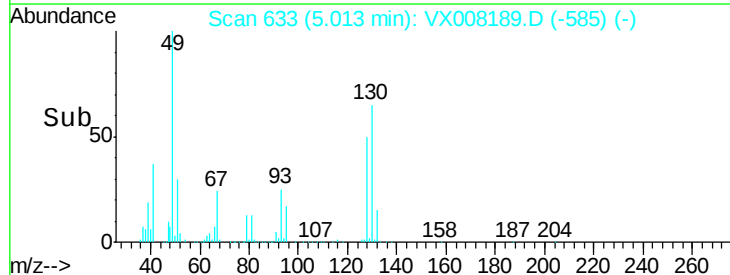
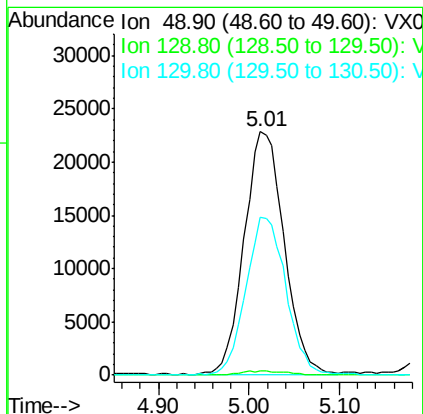
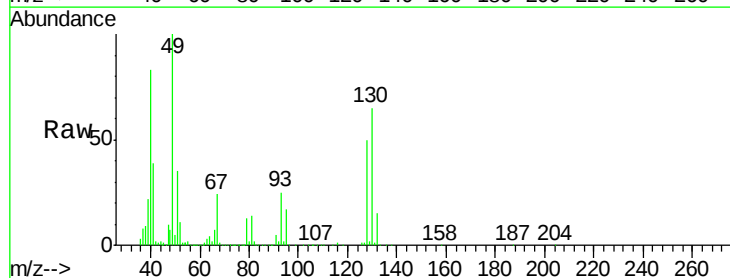
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	288.0
98	64.6	0.0	129.0

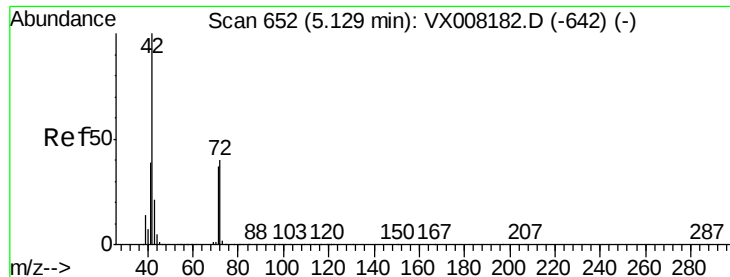


#28

Bromochloromethane
Concen: 18.646 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.0
130	64.4	65.0	97.4#





#29

Tetrahydrofuran

Concen: 101.627 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

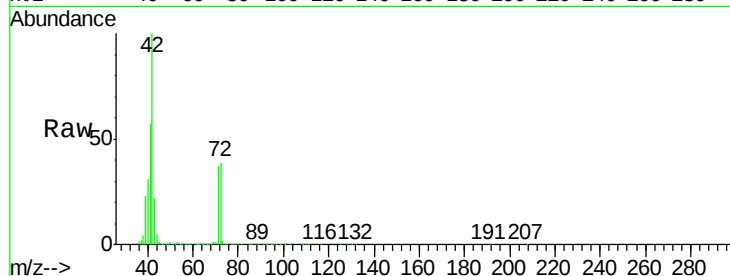
Tot Ion: 42 Resp: 252123

Ion Ratio Lower Upper

42 100

72 39.9 33.8 50.6

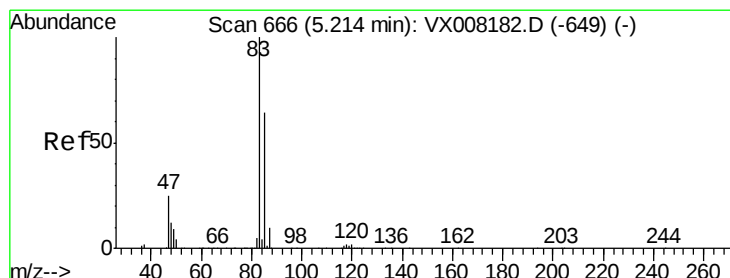
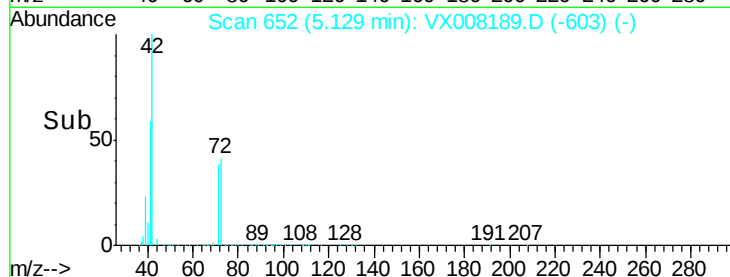
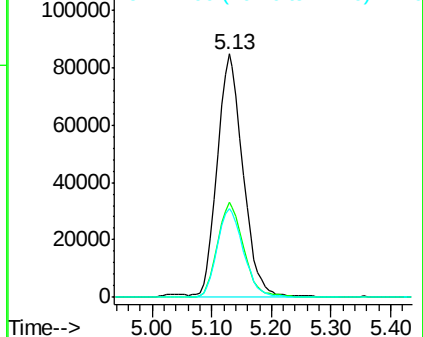
71 37.4 31.5 47.3



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: 19.743 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008189.D

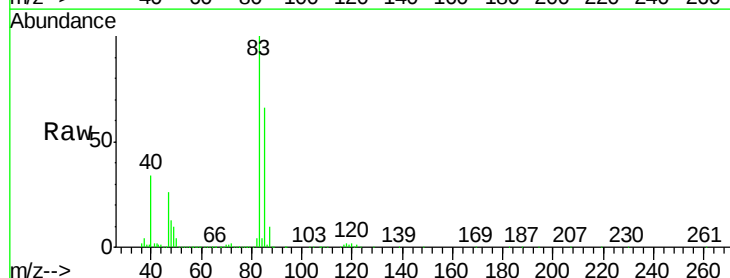
Acq: 19 Mar 2019 14:16

Tgt Ion: 83 Resp: 154644

Ion Ratio Lower Upper

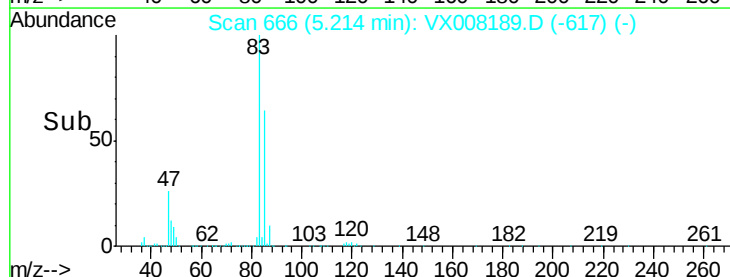
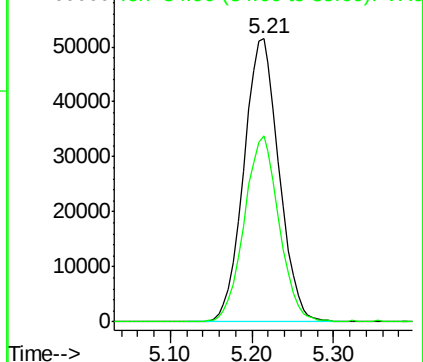
83 100

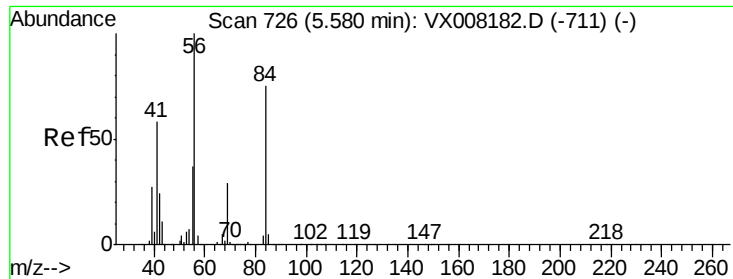
85 65.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

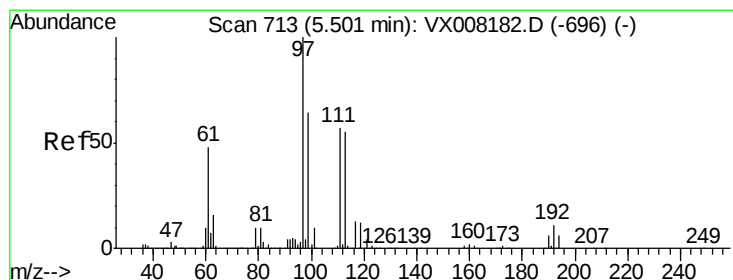
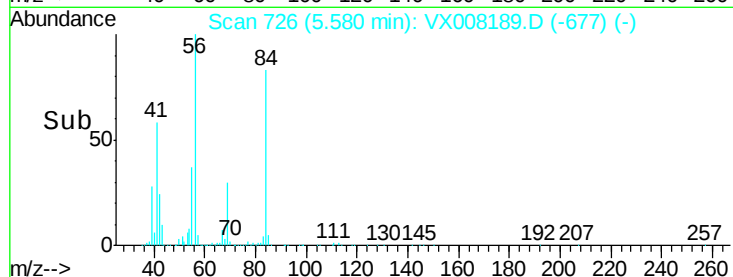
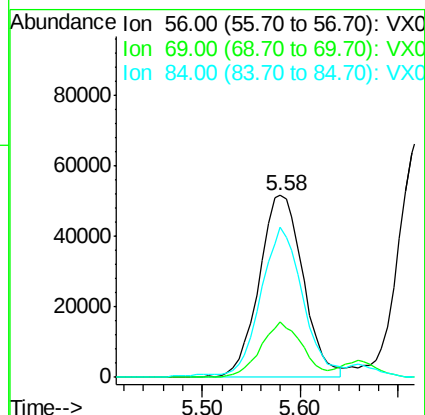
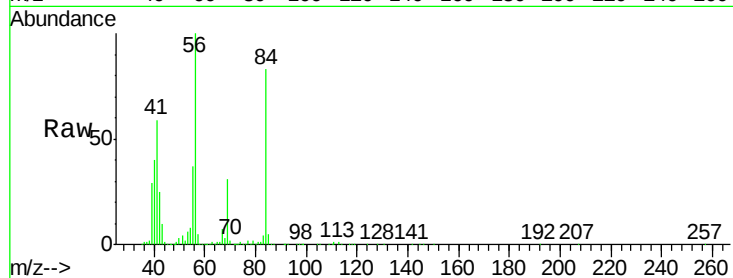




#31
Cyclohexane
Concen: 20.523 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

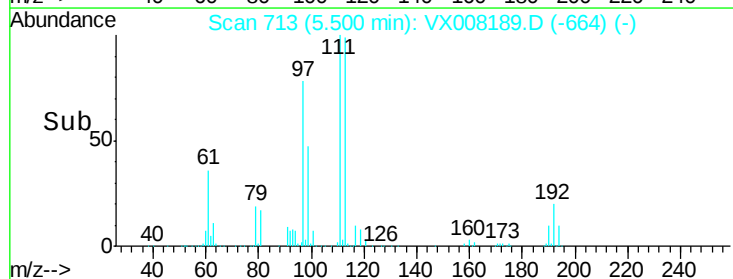
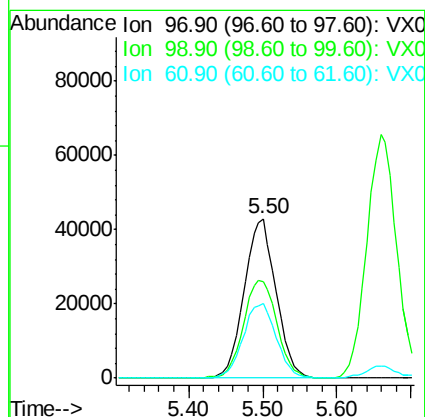
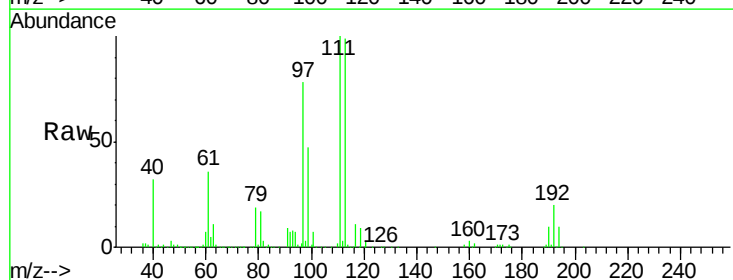
Instrument :
MSVOA_X
ClientSampleId :

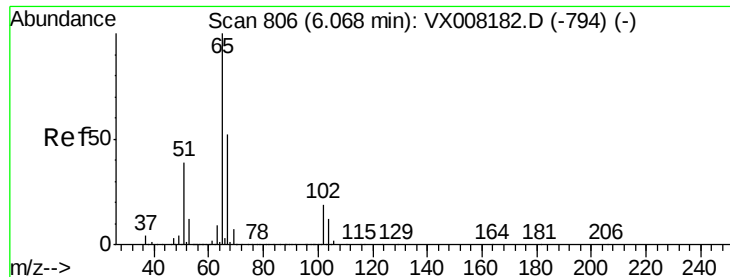
Tot Ion: 56 Resp: 161376
Ion Ratio Lower Upper
56 100
69 30.6 24.0 36.0
84 81.6 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 19.775 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 97 Resp: 128852
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 48.1 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 44.895 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

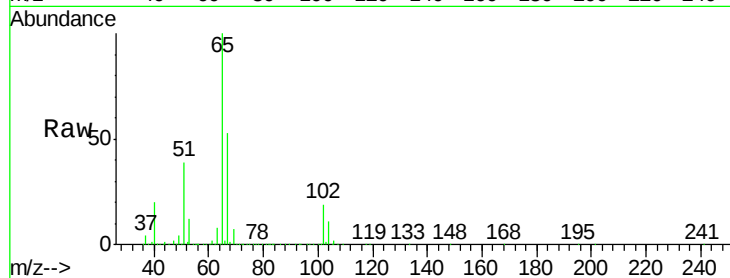
ClientSampleId :

Tot Ion: 65 Resp: 212810

Ion Ratio Lower Upper

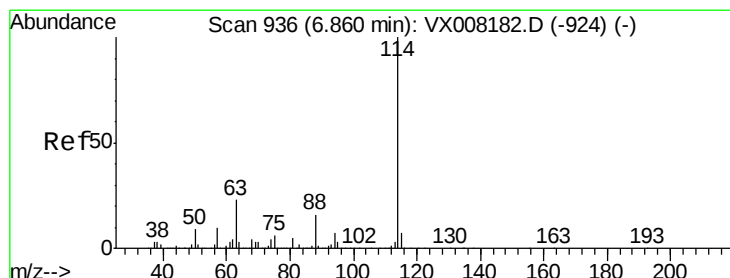
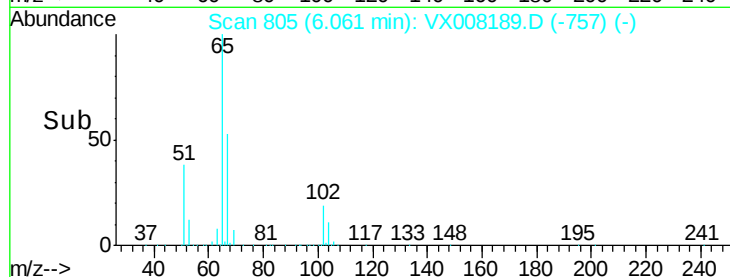
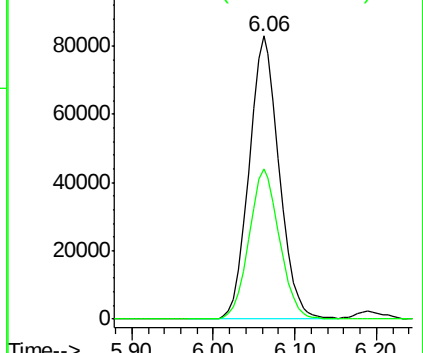
65 100

67 53.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

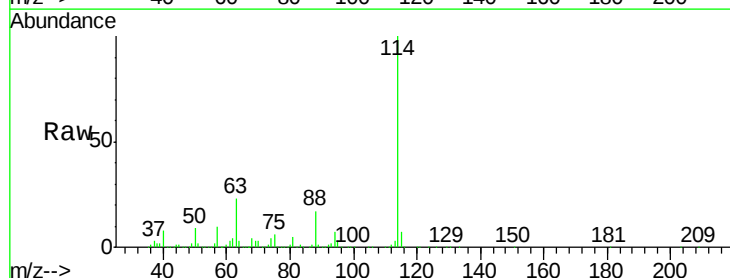
Tgt Ion: 114 Resp: 508292

Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.8

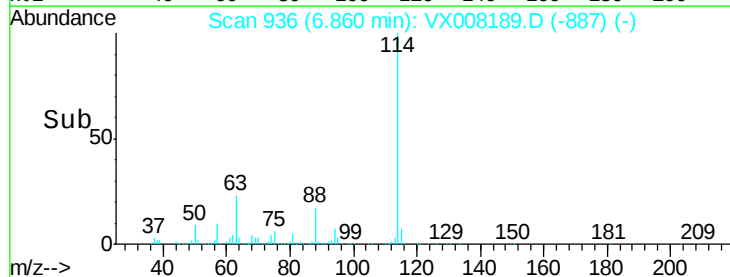
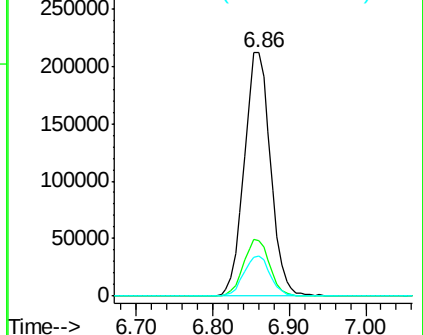
88 16.6 0.0 31.4

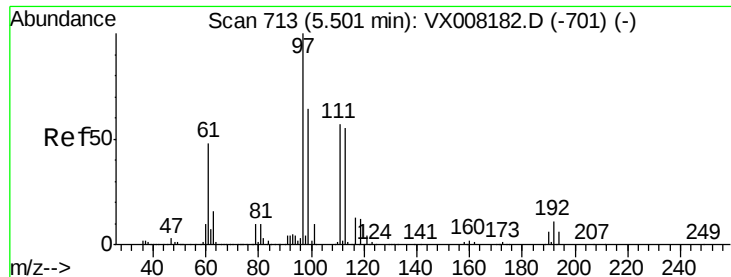


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.782 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

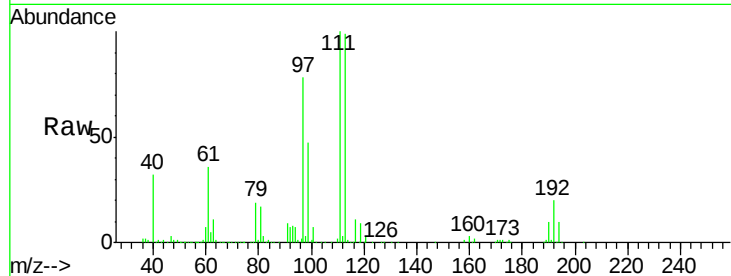
Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 155781

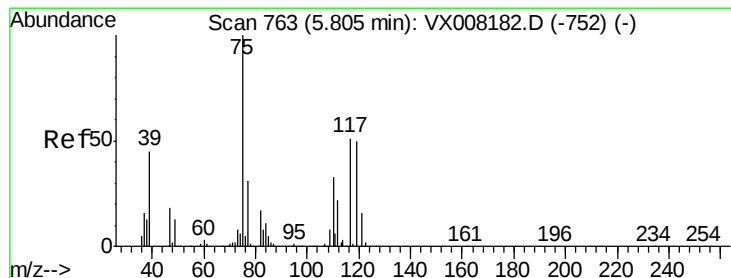
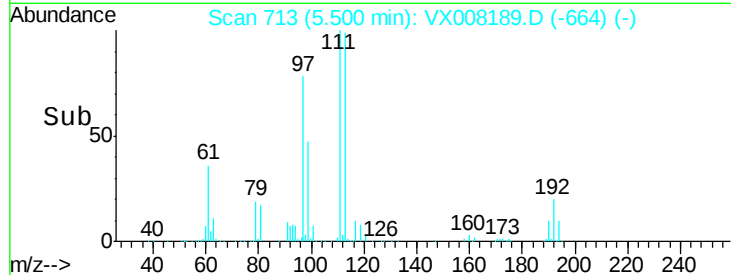
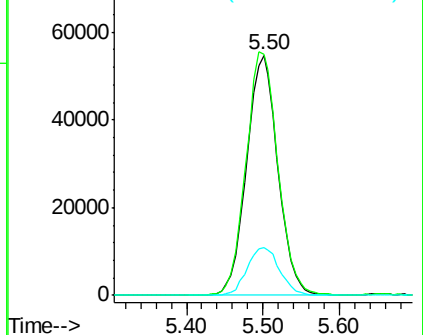
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.0
192	20.7	19.4	29.0



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: 20.487 ug/l

RT: 5.80 min Scan# 762

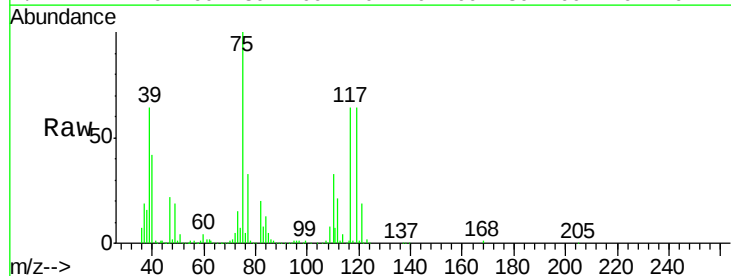
Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 75 Resp: 121237

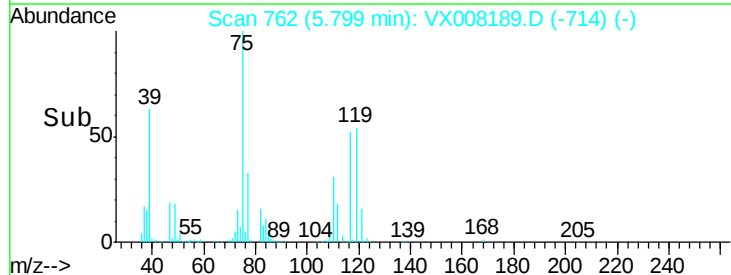
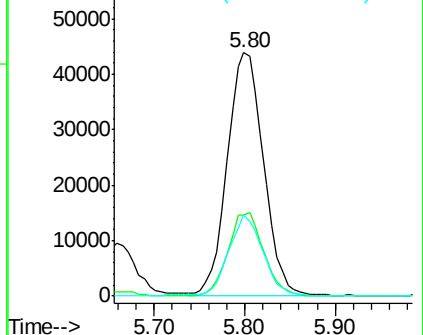
Ion	Ratio	Lower	Upper
75	100		
110	34.0	18.4	55.0
77	31.4	25.0	37.4

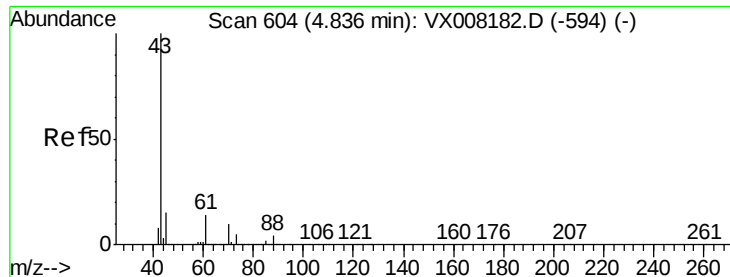


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

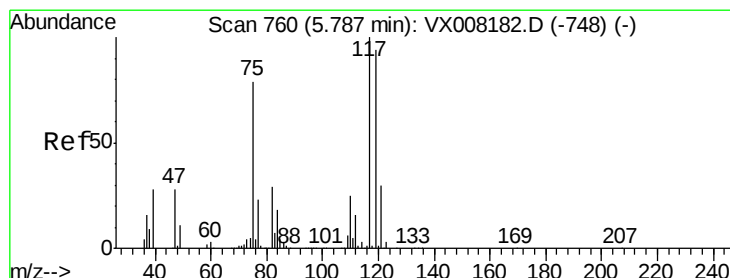
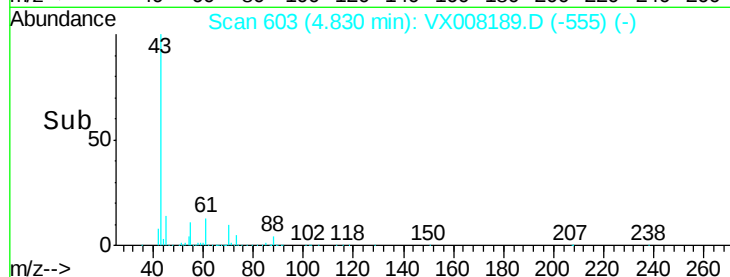
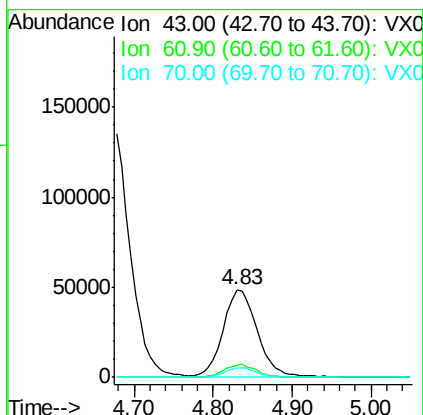
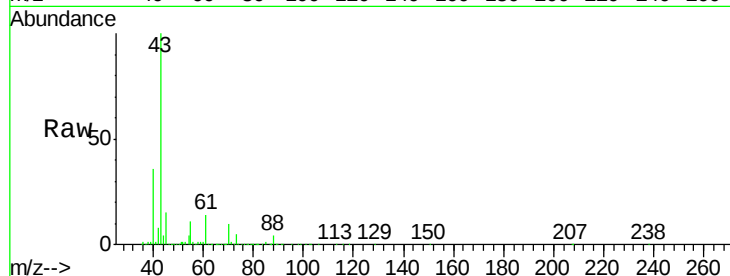




#37
Ethyl Acetate
Concen: 20.844 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

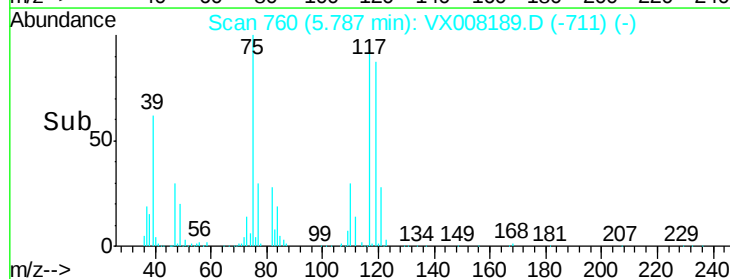
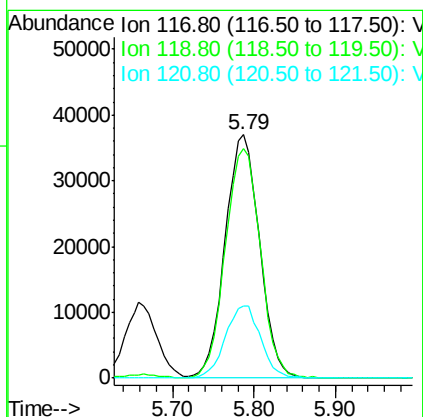
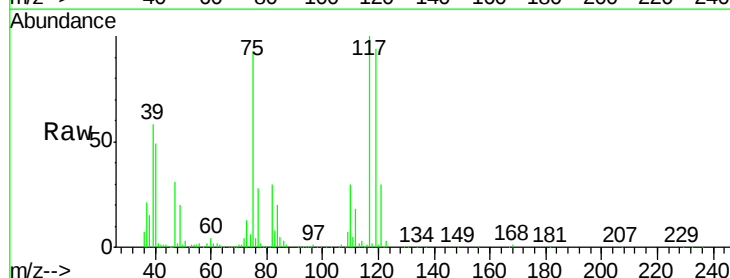
Instrument :
MSVOA_X
ClientSampleId :

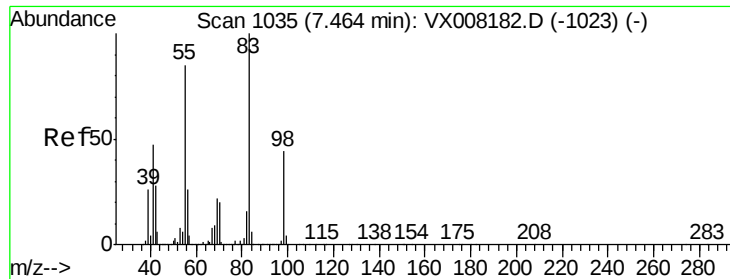
Tot Ion: 43 Resp: 145817
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.491 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 117 Resp: 108048
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.2
121 29.6 24.6 36.8

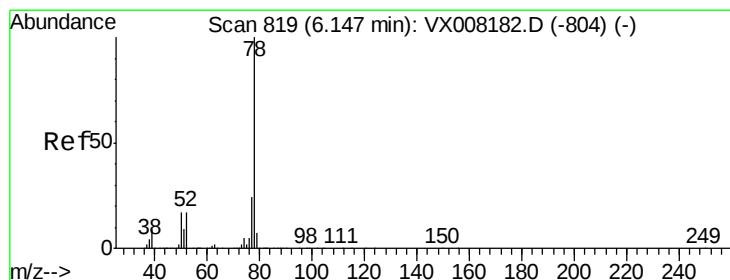
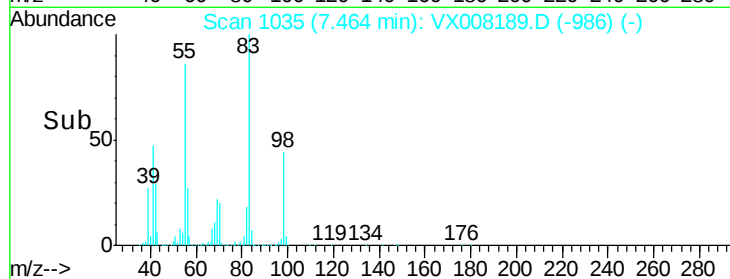
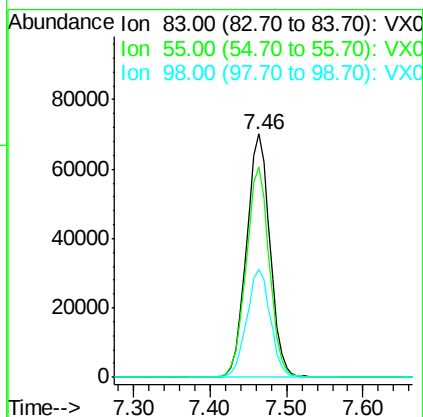
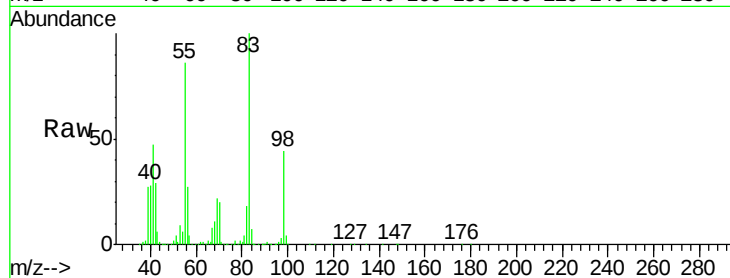




#39
Methvlcvclohexane
Concen: 21.048 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

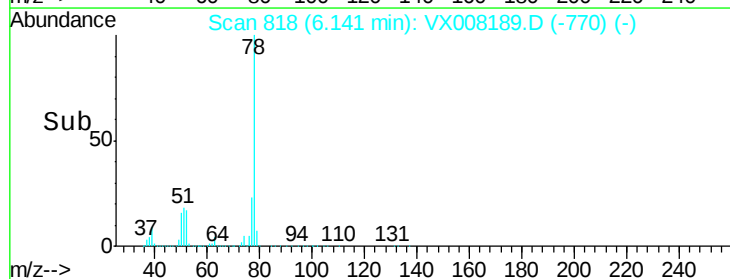
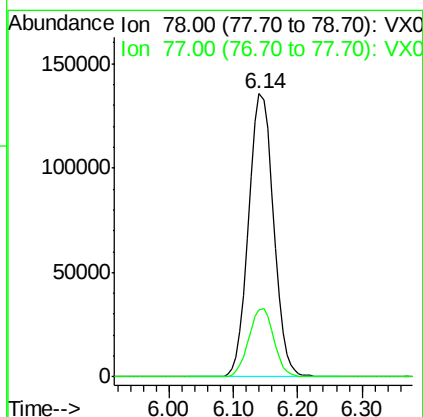
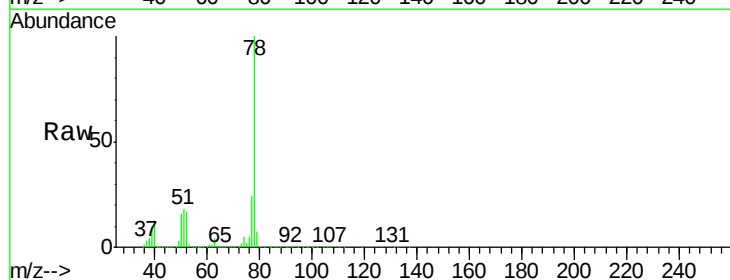
Instrument :
MSVOA_X
ClientSampleId :

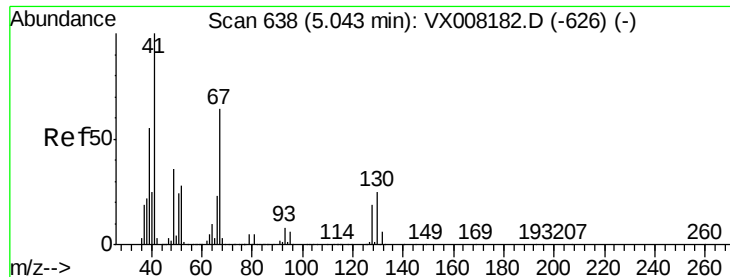
Tot Ion	83.00	Resp	149892
Ion	Ratio	Lower	Upper
83	100		
55	86.2	60.4	90.6
98	44.4	36.5	54.7



#40
Benzene
Concen: 20.565 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion	78	Resp	360205
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

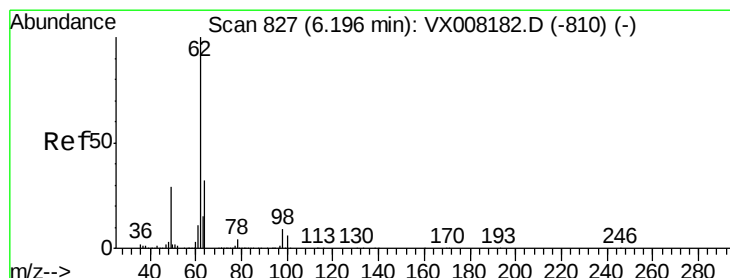
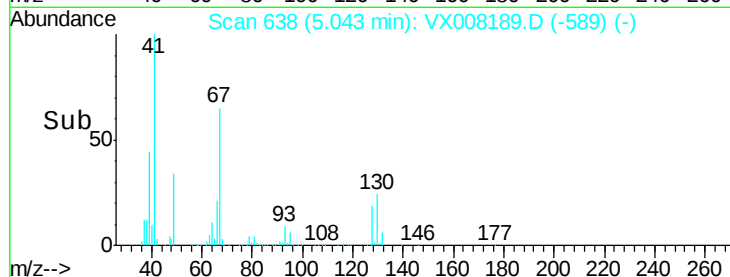
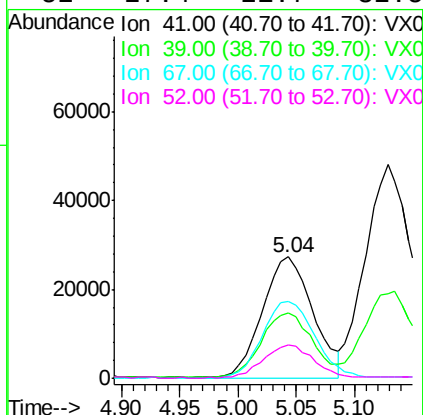
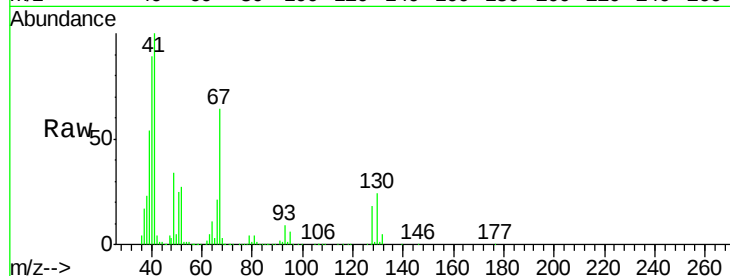




#41
Methacrylonitrile
Concen: 20.820 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

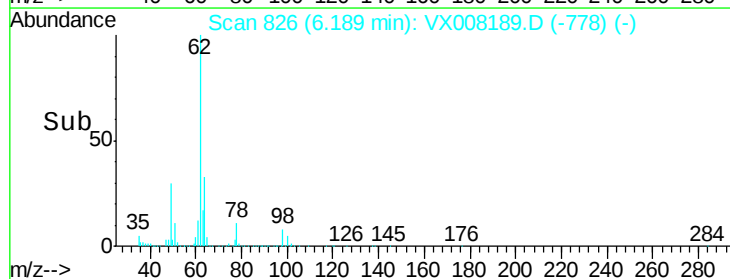
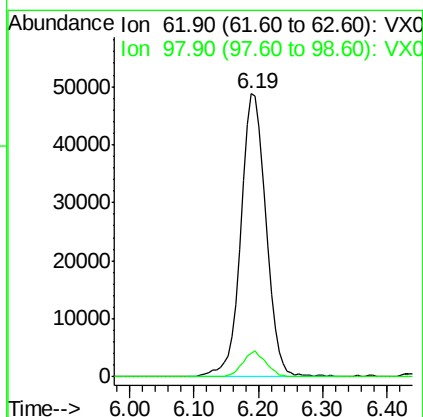
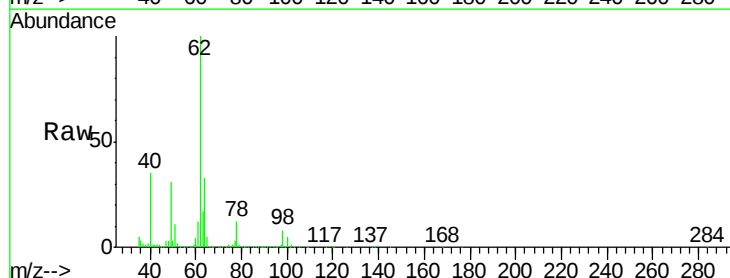
Instrument :
MSVOA_X
ClientSampleId :

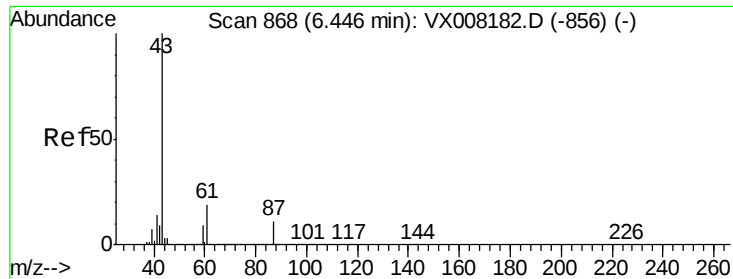
Tot Ion:	41	Resp:	81696
Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.6	62.4
67	66.2	55.8	83.6
52	27.4	21.7	32.5



#42
1,2-Dichloroethane
Concen: 20.472 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:	62	Resp:	131359
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4



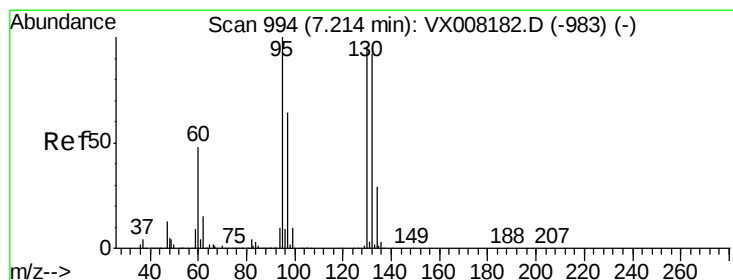
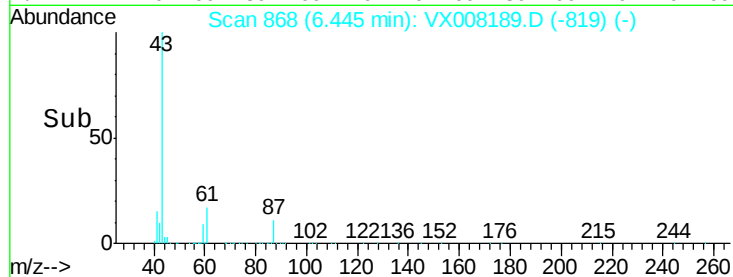
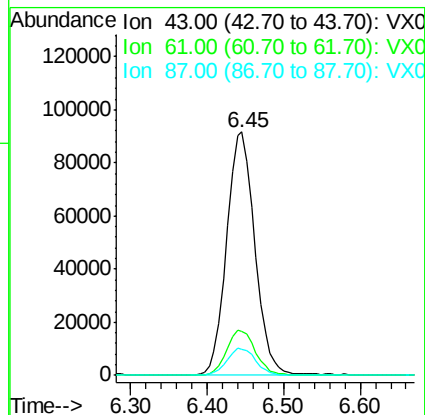
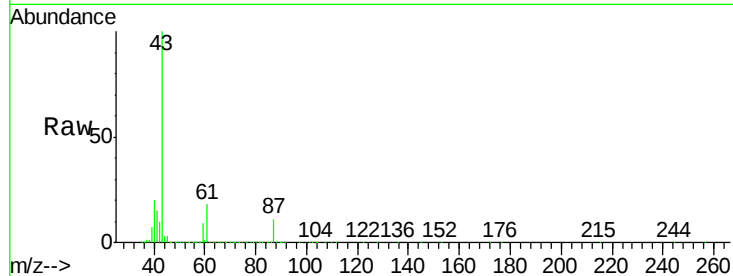


#43

Isopropyl Acetate
 Concen: 20.709 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Instrument :
 MSVOA_X
 ClientSampleId :

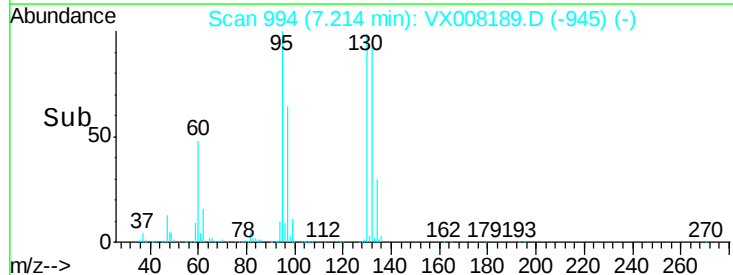
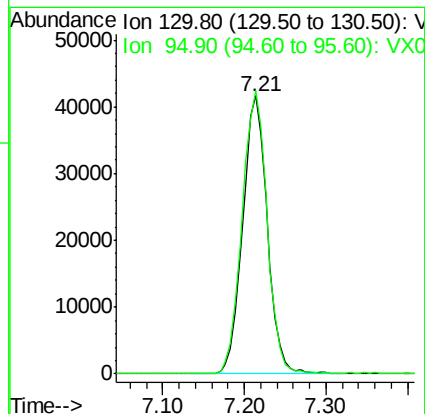
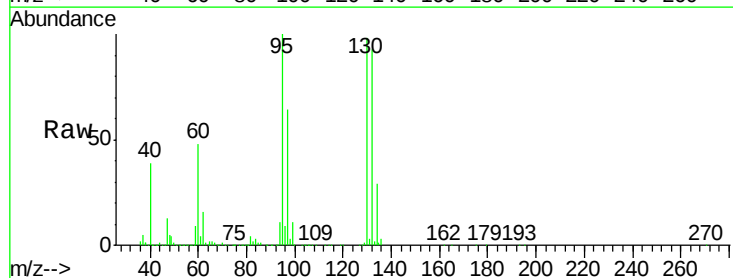
Tot Ion: 43 Resp: 232211
 Ion Ratio Lower Upper
 43 100
 61 19.2 16.3 24.5
 87 11.5 10.5 15.7

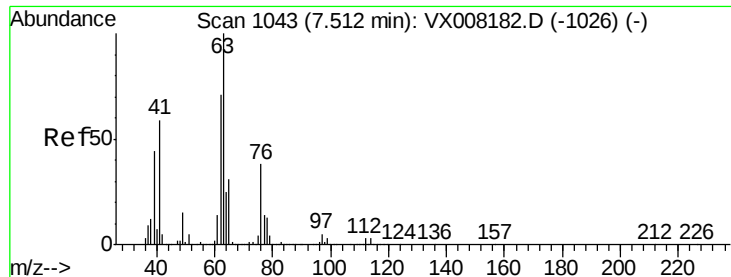


#44

Trichloroethene
 Concen: 20.268 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion:130 Resp: 86803
 Ion Ratio Lower Upper
 130 100
 95 101.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.161 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

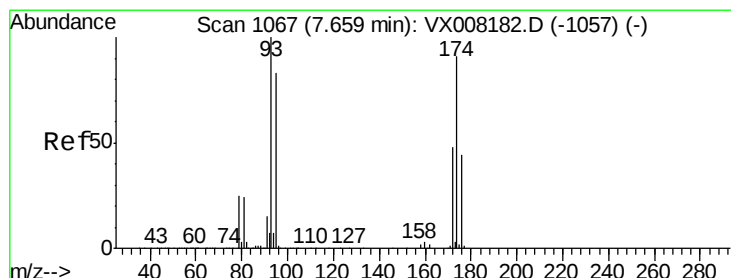
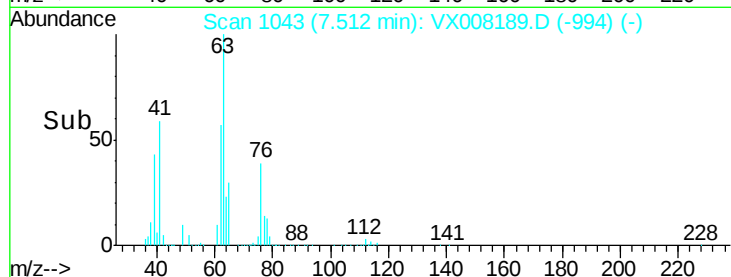
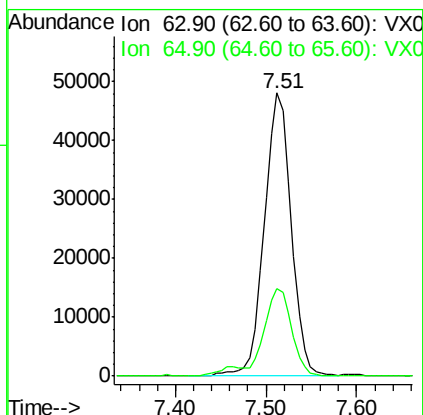
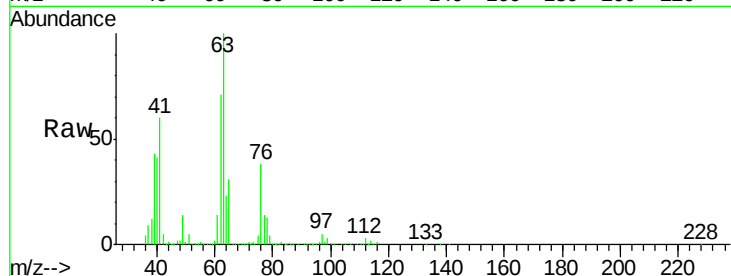
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 98854

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 19.826 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

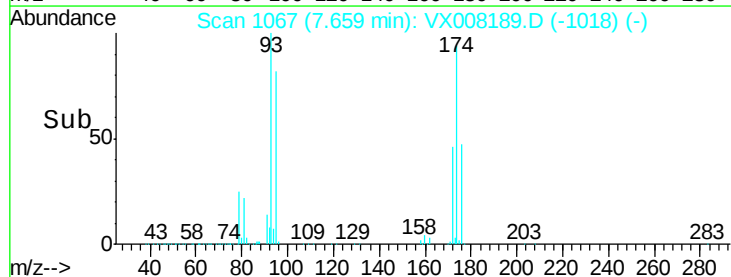
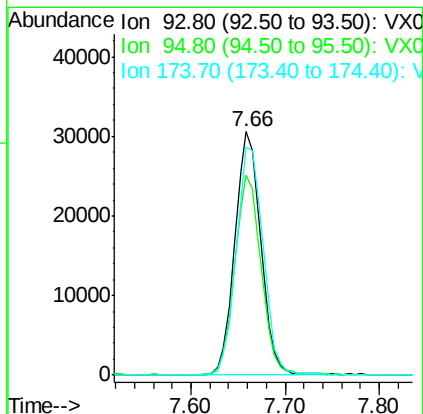
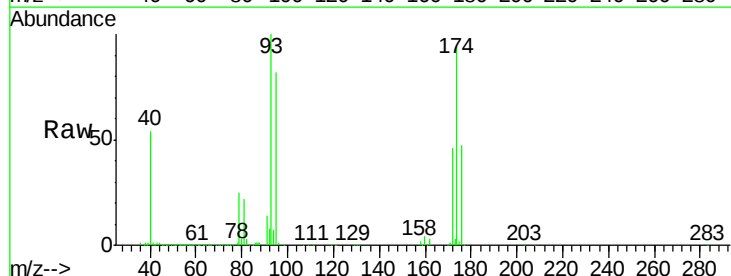
Tgt Ion: 93 Resp: 58860

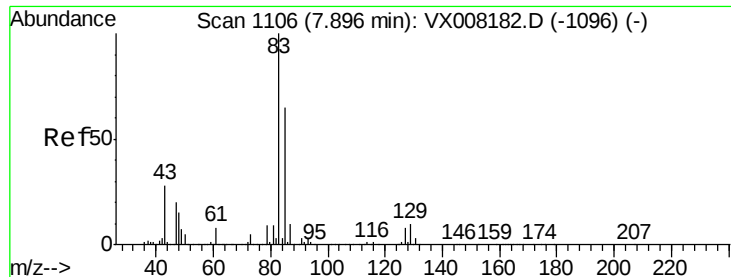
Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 97.6 97.3 145.9





#47

Bromodichloromethane

Concen: 20.164 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

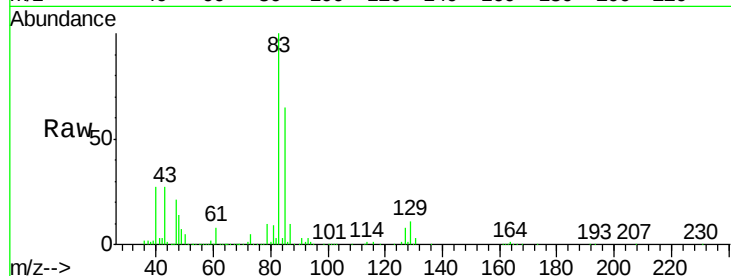
Tot Ion: 83 Resp: 114086

Ion Ratio Lower Upper

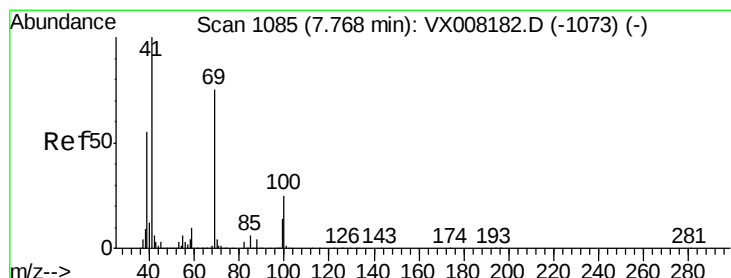
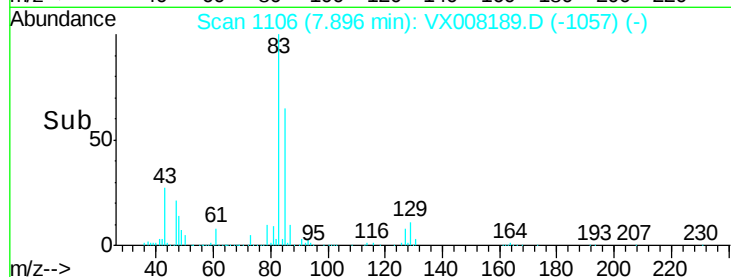
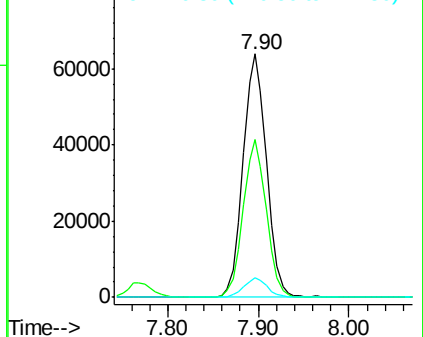
83 100

85 64.9 50.9 76.3

127 8.2 7.4 11.0



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: 20.289 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

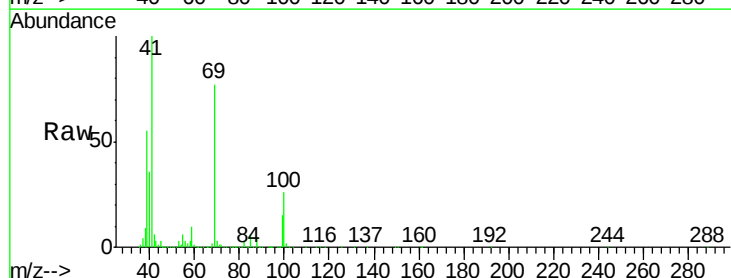
Tgt Ion: 41 Resp: 120968

Ion Ratio Lower Upper

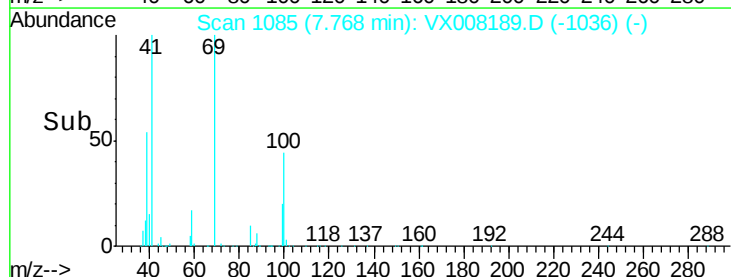
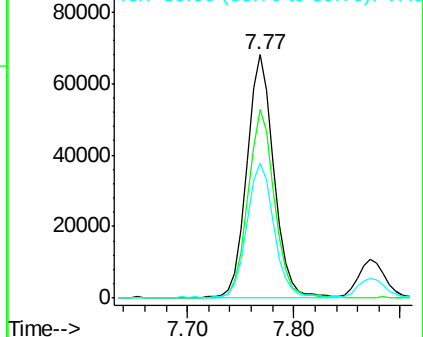
41 100

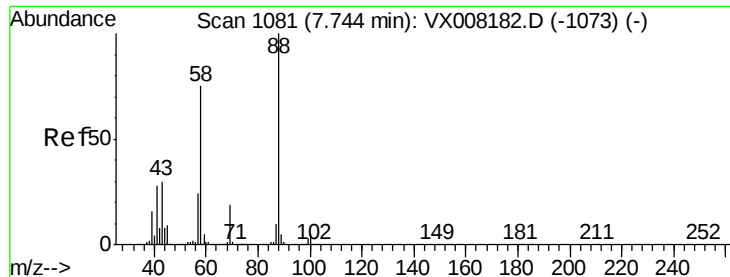
69 76.7 65.2 97.8

39 55.1 39.4 59.2



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: 410.753 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

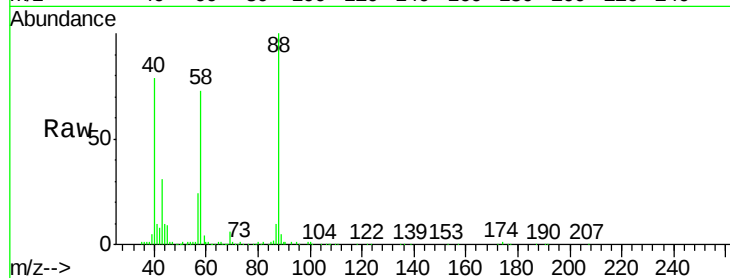
Tot Ion: 88 Resp: 43216

Ion	Ratio	Lower	Upper
88	100		
43	35.4	25.1	37.7
58	74.9	57.8	86.6

88 100

43 35.4 25.1 37.7

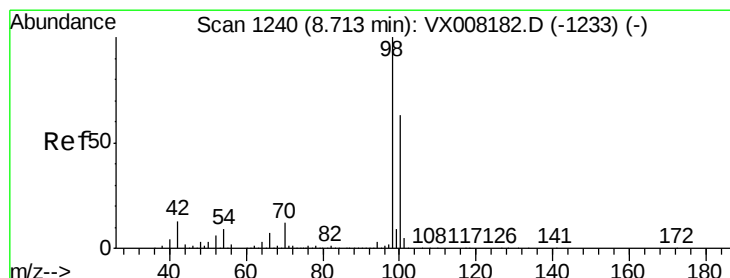
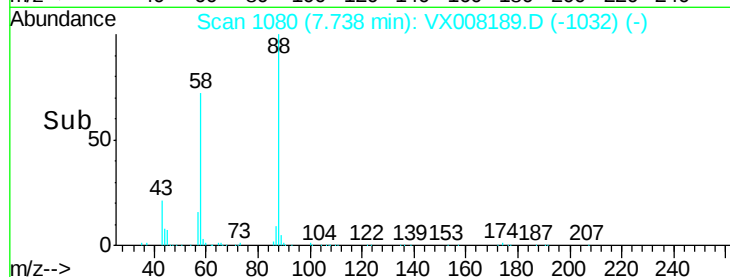
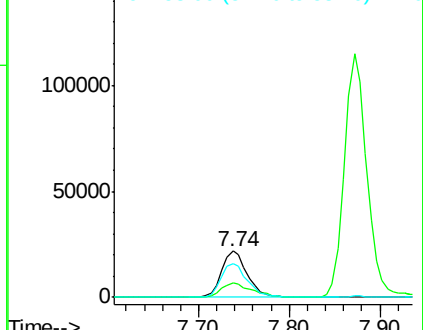
58 74.9 57.8 86.6



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: 48.353 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008189.D

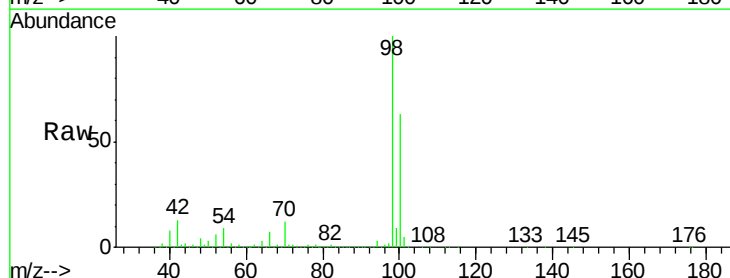
Acq: 19 Mar 2019 14:16

Tgt Ion: 98 Resp: 623789

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5

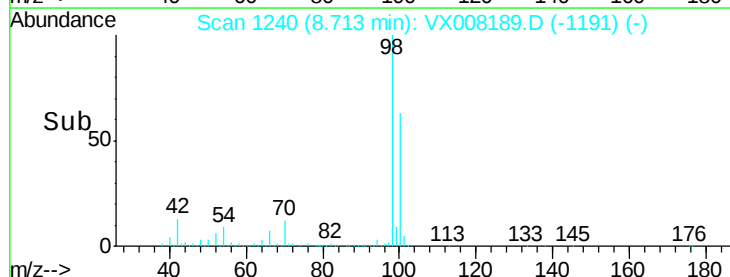
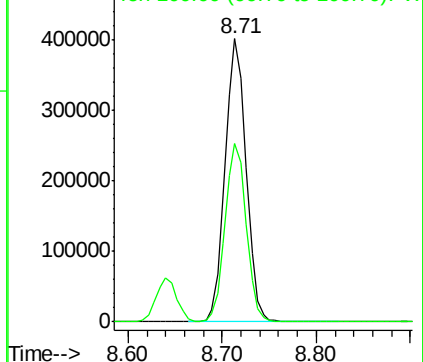
98 100

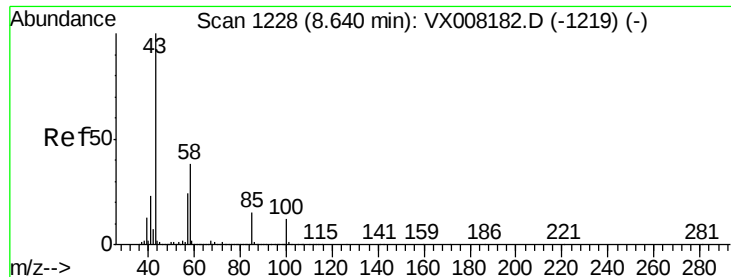
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 105.678 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

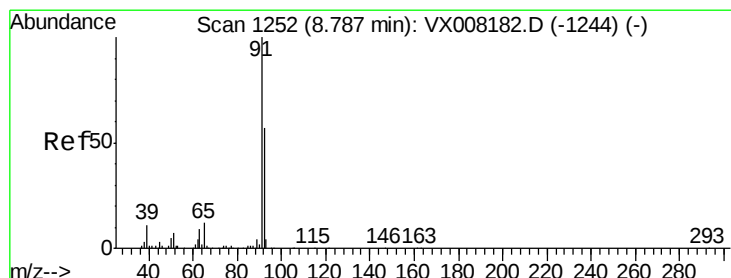
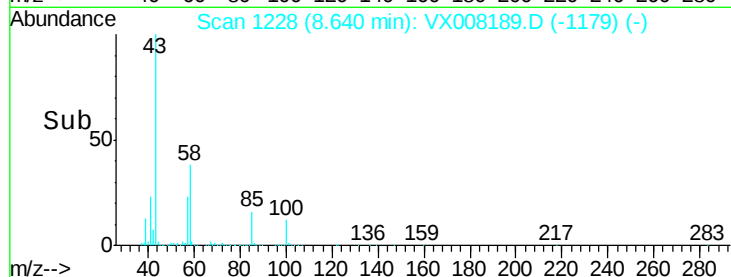
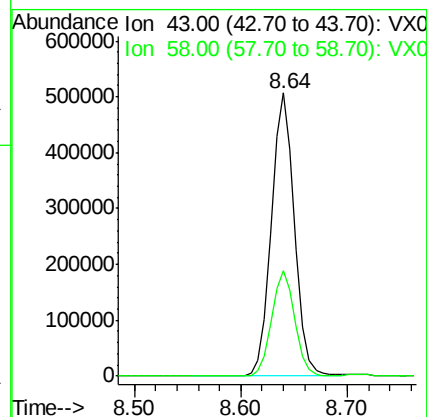
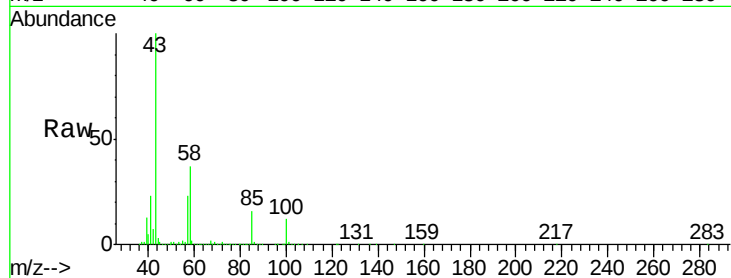
ClientSampleId :

Tot Ion: 43 Resp: 766073

Ion Ratio Lower Upper

43 100

58 37.4 31.3 46.9



#52

Toluene

Concen: 20.891 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008189.D

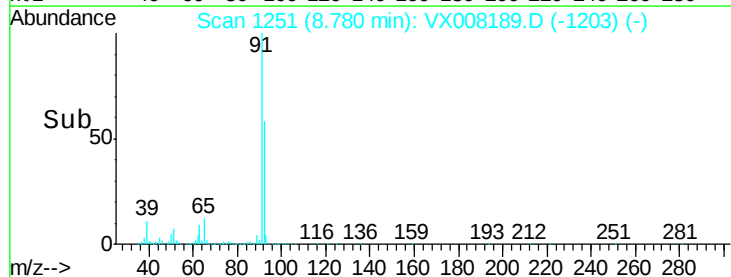
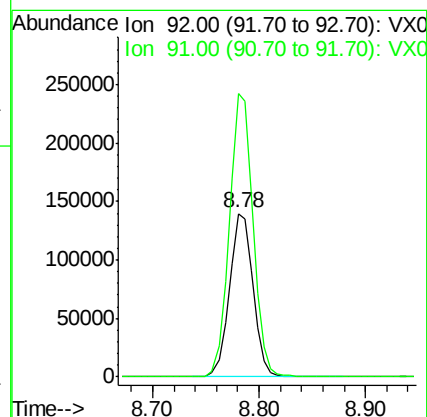
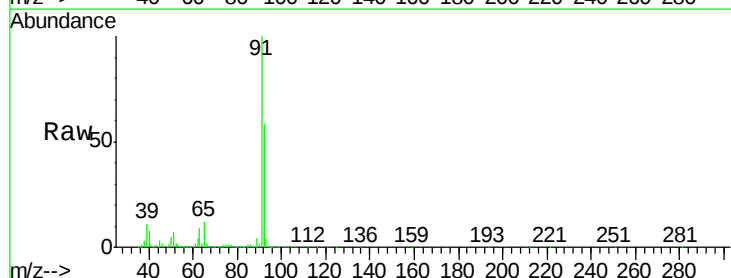
Acq: 19 Mar 2019 14:16

Tgt Ion: 92 Resp: 217086

Ion Ratio Lower Upper

92 100

91 174.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.814 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

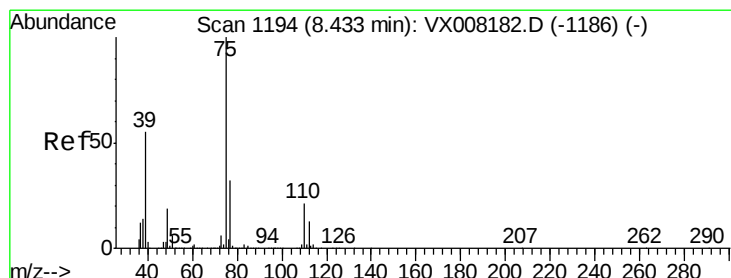
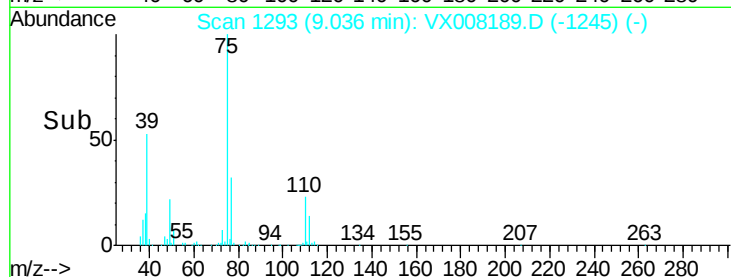
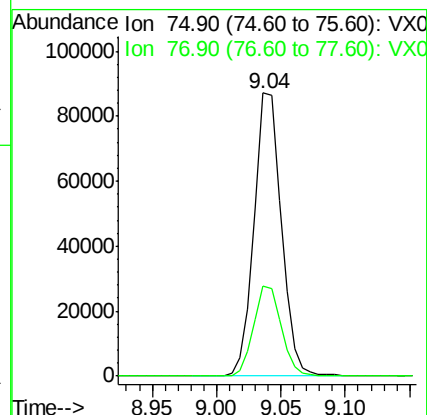
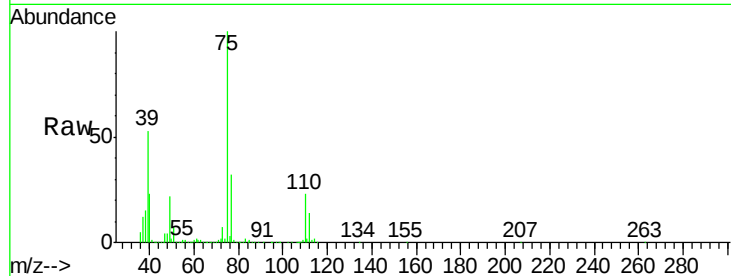
ClientSampleId :

Tot Ion: 75 Resp: 126839

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.325 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

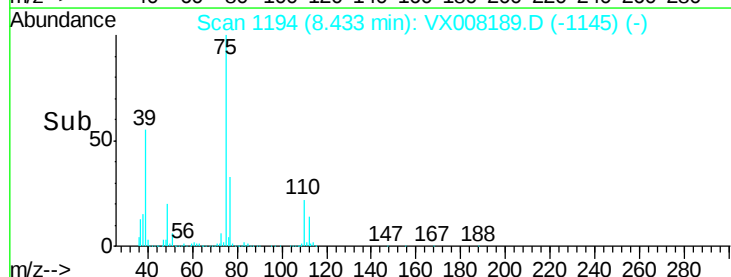
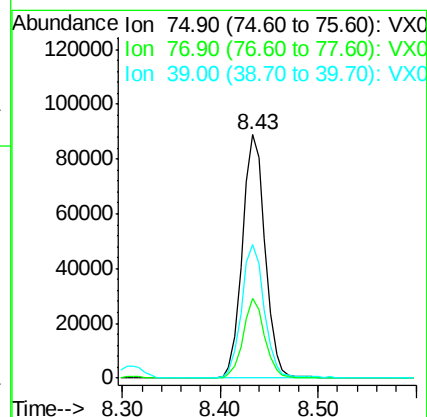
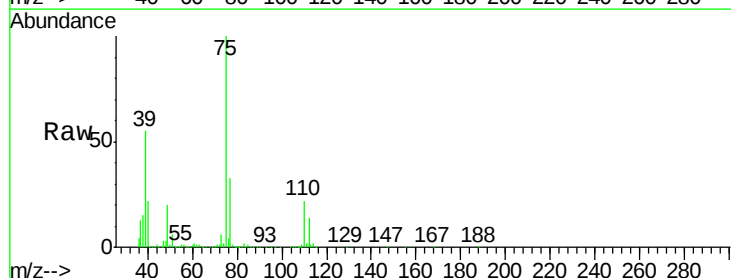
Tgt Ion: 75 Resp: 142714

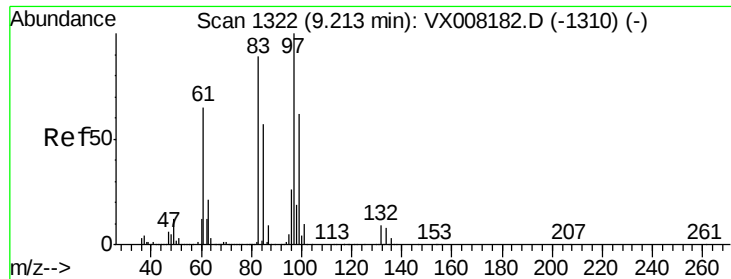
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6

39 54.9 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 20.807 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 87356

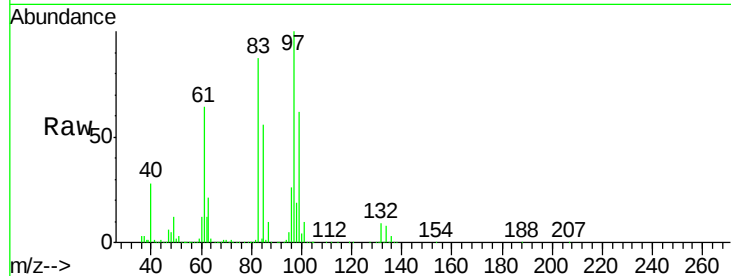
Ion Ratio Lower Upper

97 100

83 87.4 69.1 103.7

85 56.0 44.3 66.5

99 61.6 49.8 74.8

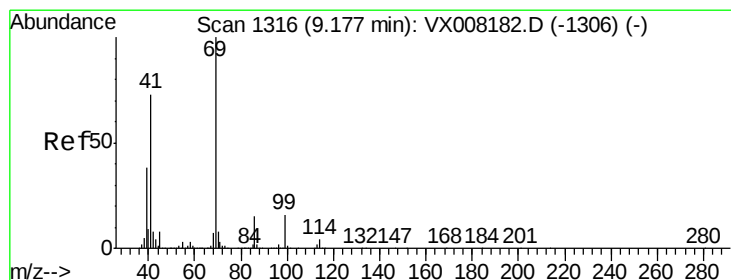
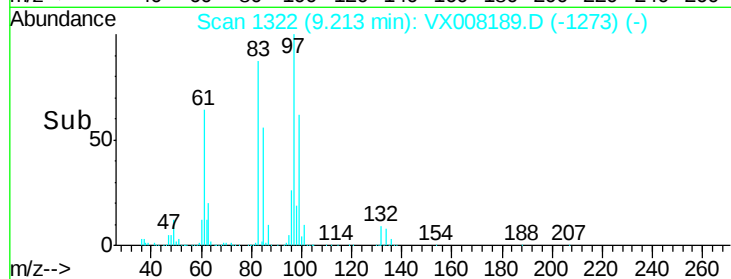
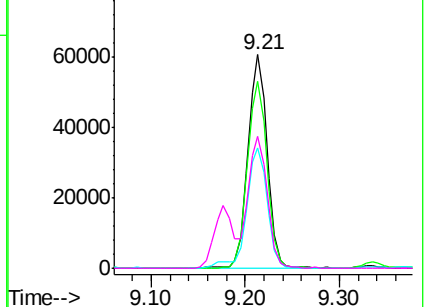


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.803 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

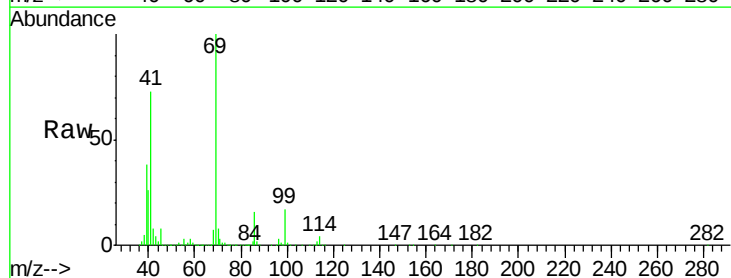
Tgt Ion: 69 Resp: 143469

Ion Ratio Lower Upper

69 100

41 72.9 54.2 81.4

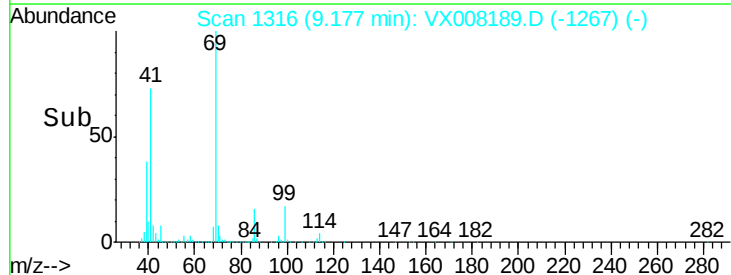
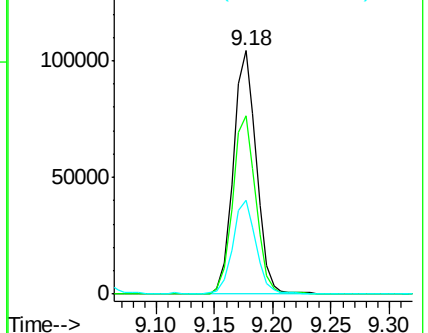
39 38.3 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.683 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

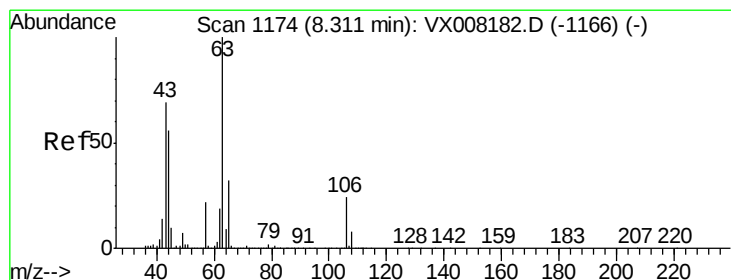
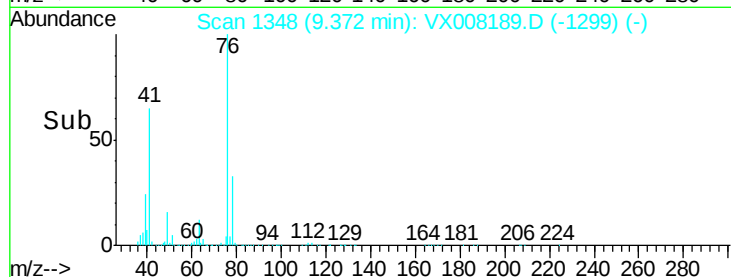
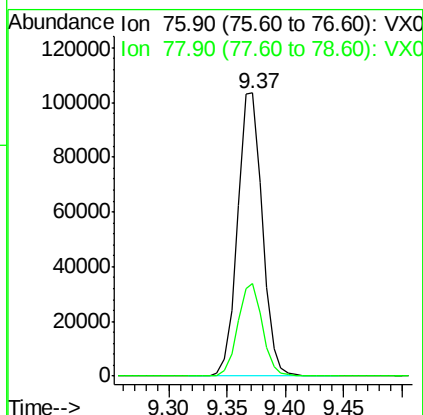
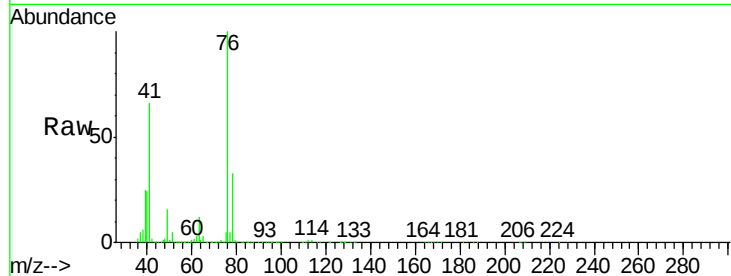
ClientSampleId :

Tot Ion: 76 Resp: 153615

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 96.267 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008189.D

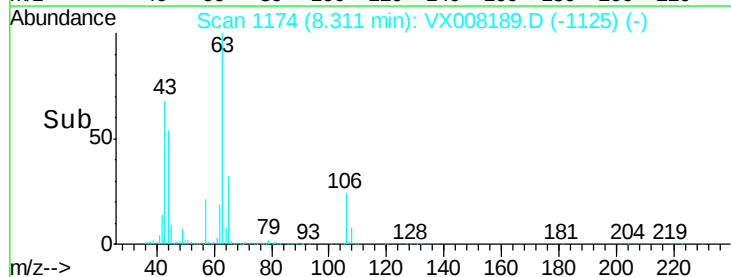
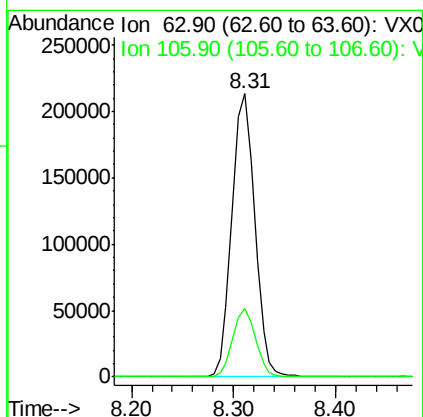
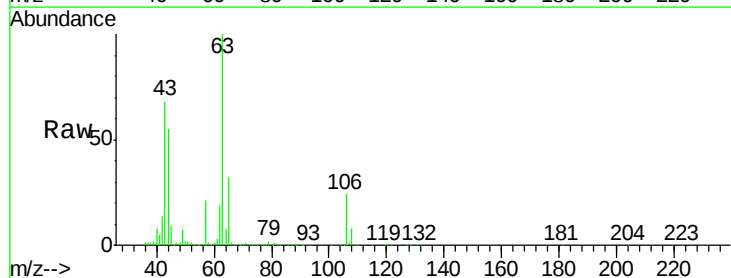
Acq: 19 Mar 2019 14:16

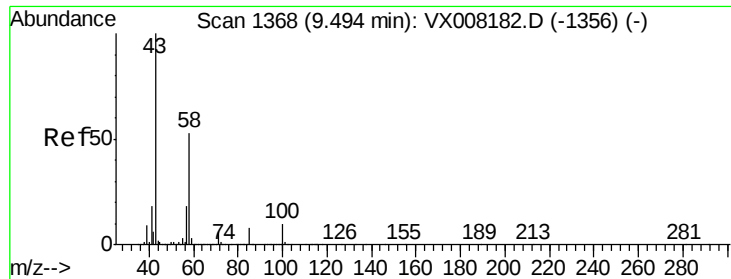
Tgt Ion: 63 Resp: 331152

Ion Ratio Lower Upper

63 100

106 24.2 22.2 33.2

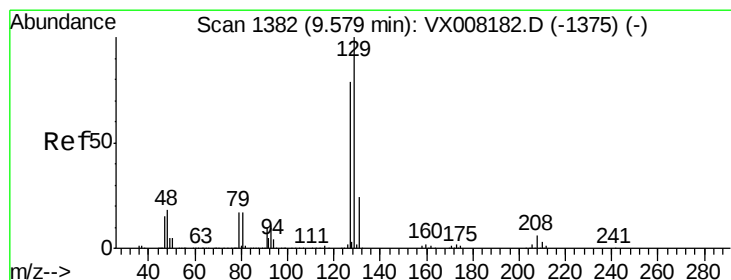
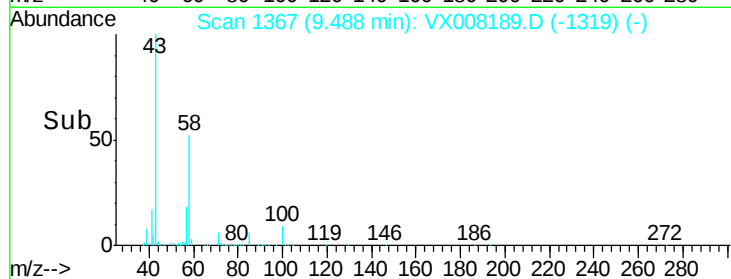
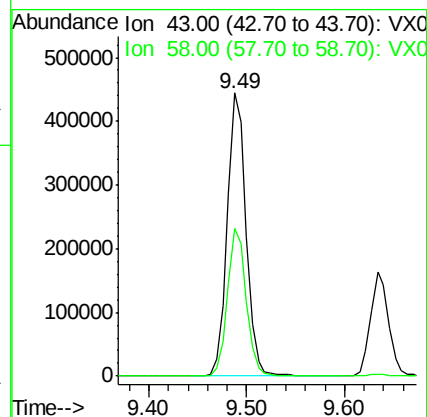
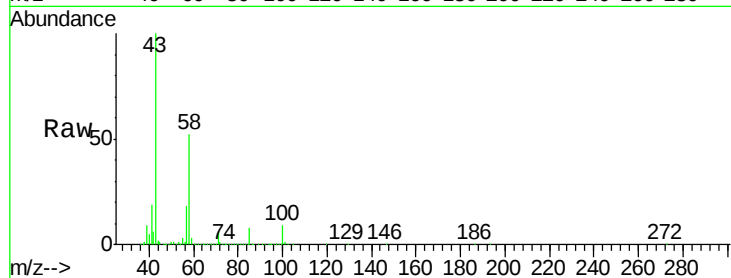




#59
2-Hexanone
Concen: 106.050 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

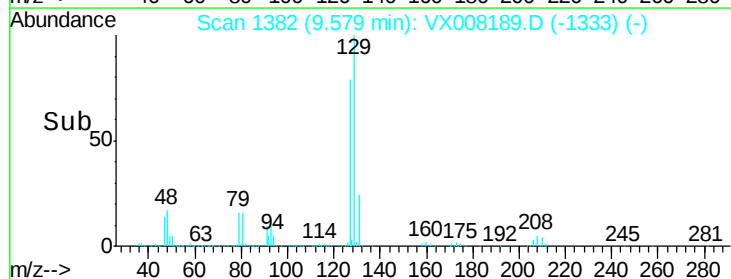
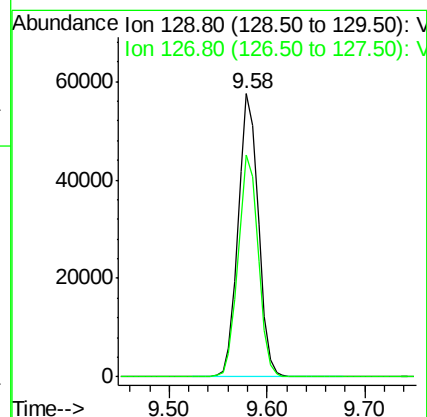
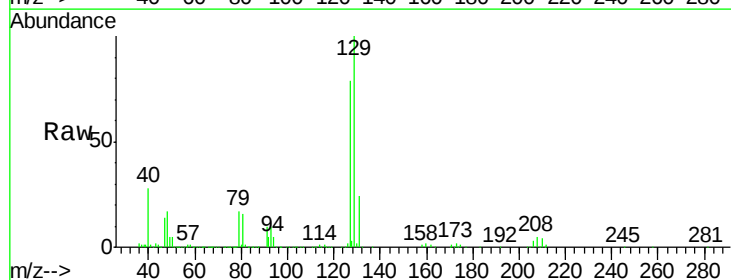
Instrument :
MSVOA_X
ClientSampleId :

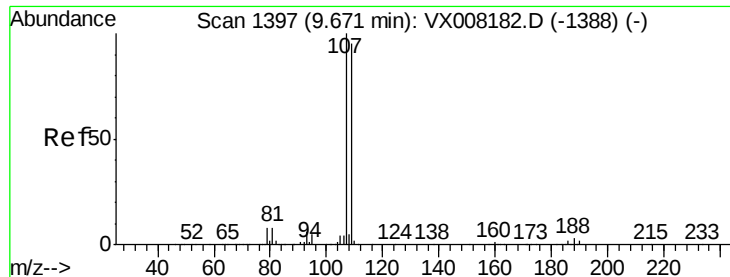
Tot Ion: 43 Resp: 591862
Ion Ratio Lower Upper
43 100
58 52.1 27.6 82.7



#60
Dibromochloromethane
Concen: 20.477 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 129 Resp: 82622
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

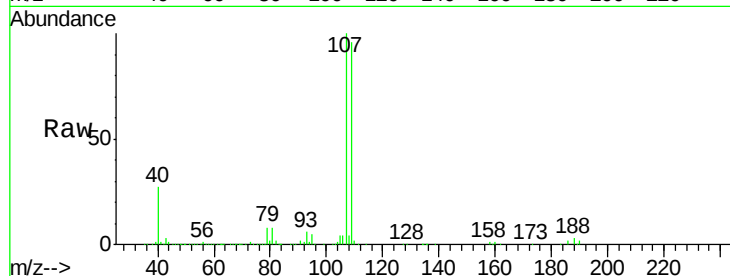
ClientSampleId :

Tot Ion:107 Resp: 89332

Ion Ratio Lower Upper

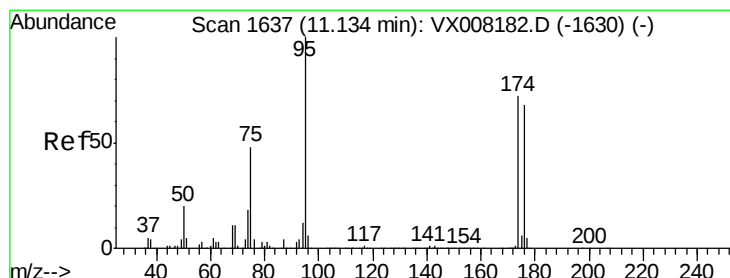
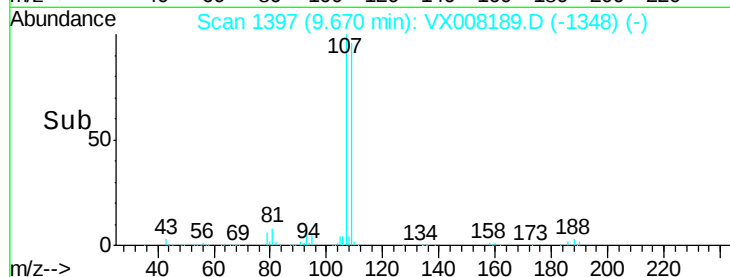
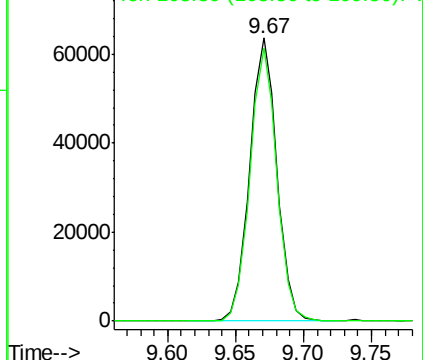
107 100

109 95.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.284 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

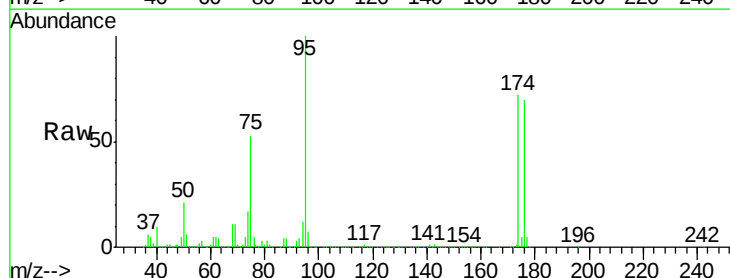
Tgt Ion: 95 Resp: 223359

Ion Ratio Lower Upper

95 100

174 76.9 0.0 182.8

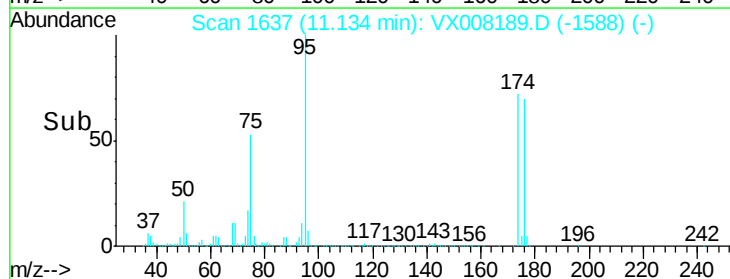
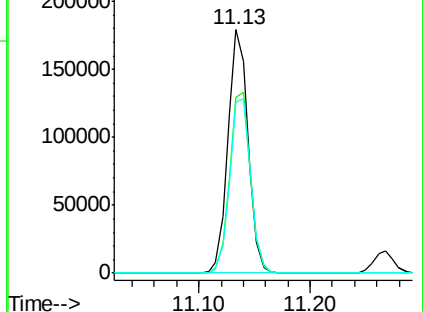
176 74.7 0.0 178.0

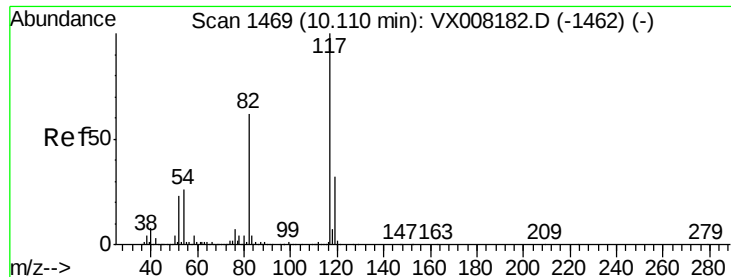


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

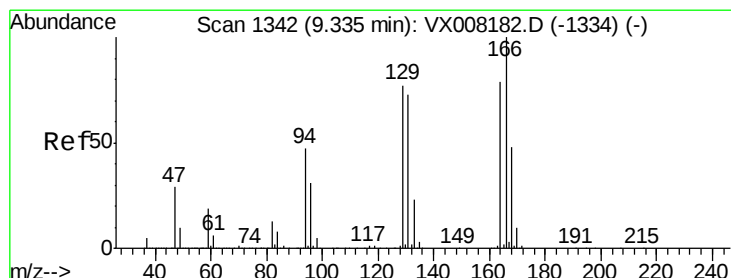
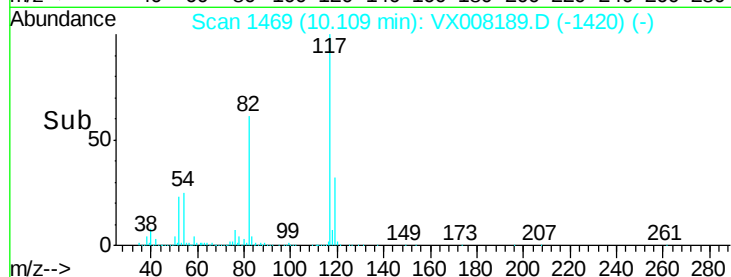
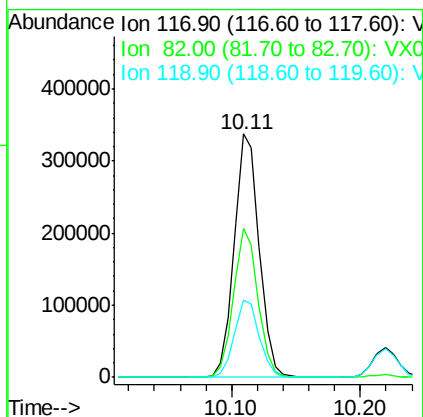
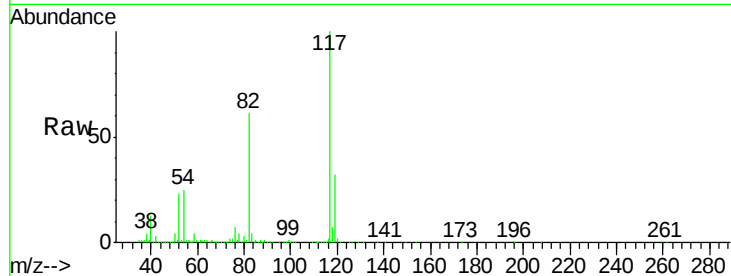




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

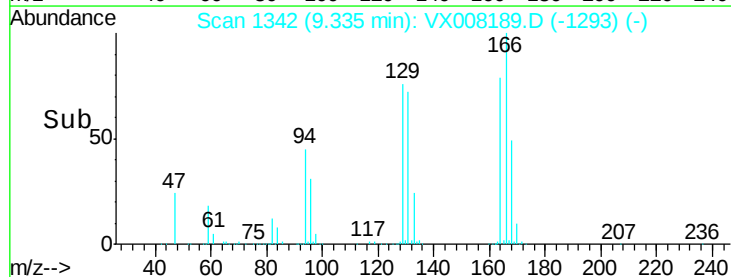
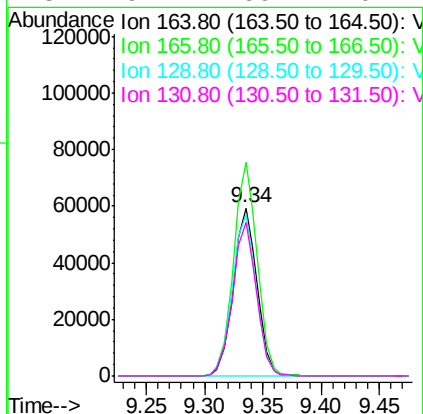
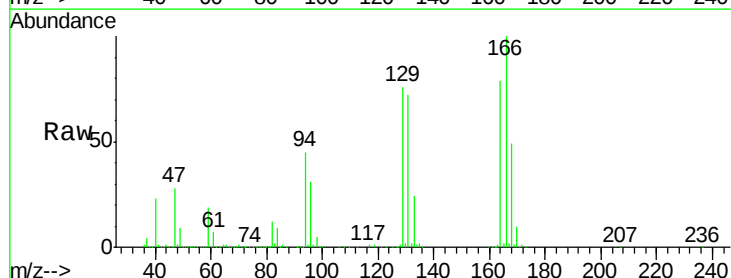
Instrument :
MSVOA_X
ClientSampled :

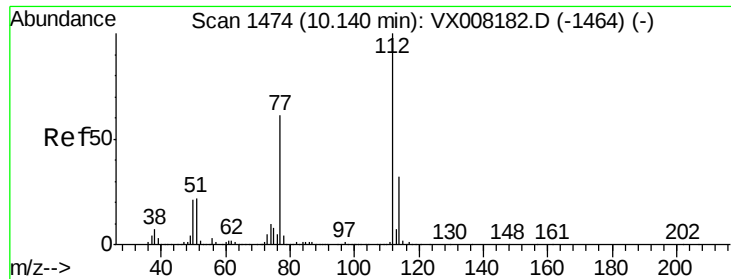
Tot Ion:117 Resp: 454700
Ion Ratio Lower Upper
117 100
82 61.0 44.3 66.5
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 20.452 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:164 Resp: 83901
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 96.1 72.2 108.4
131 91.1 69.4 104.2

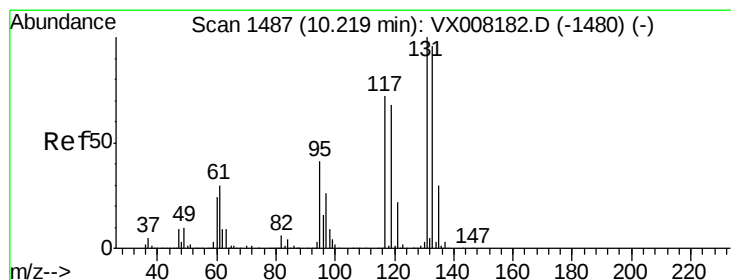
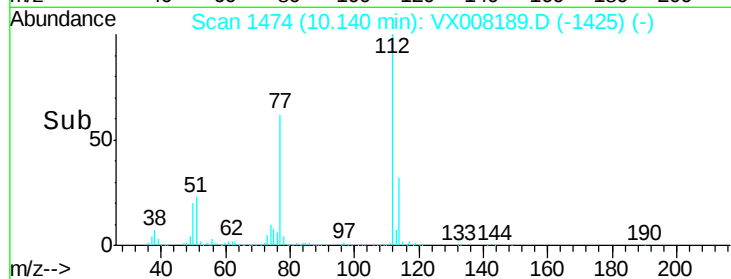
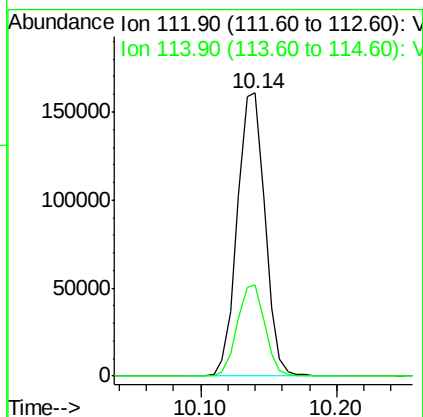
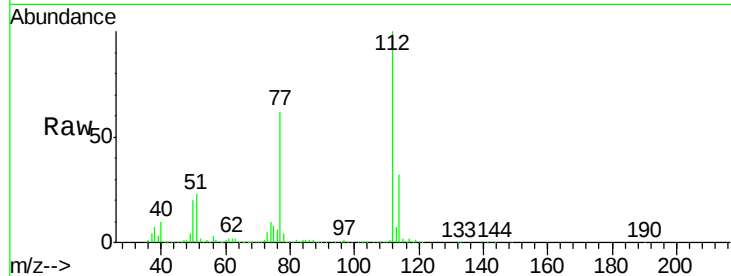




#65
Chlorobenzene
Concen: 20.385 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

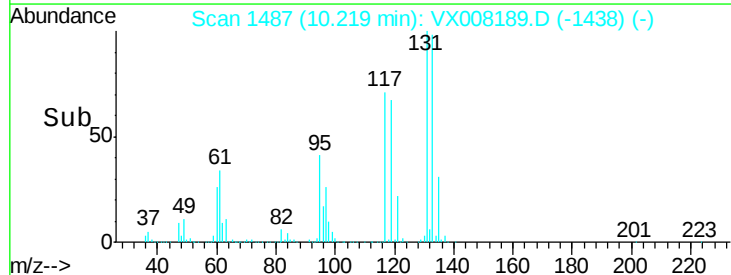
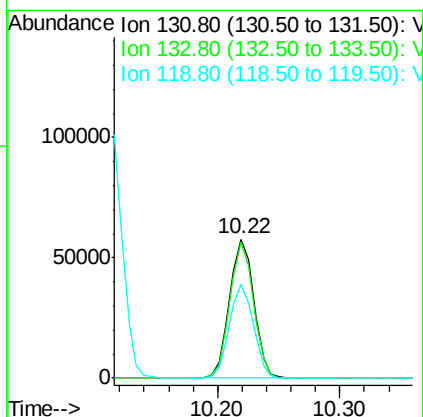
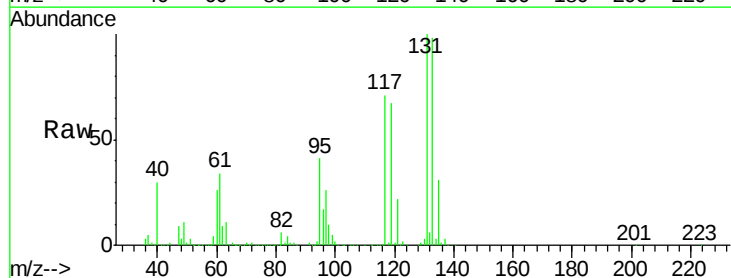
Instrument :
MSVOA_X
ClientSampleId :

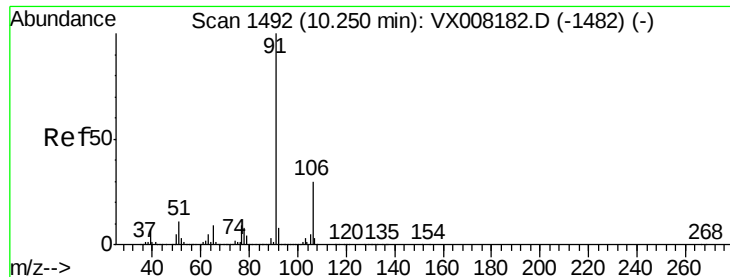
Tot Ion:112 Resp: 228076
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.241 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:131 Resp: 78959
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 66.9 32.5 97.5





#67

Ethyl Benzene

Concen: 20.762 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

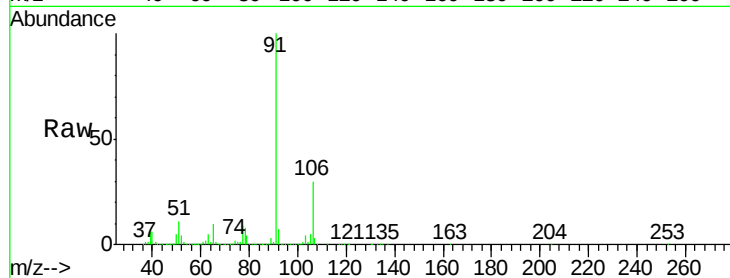
ClientSampleId :

Tot Ion: 91 Resp: 409350

Ion Ratio Lower Upper

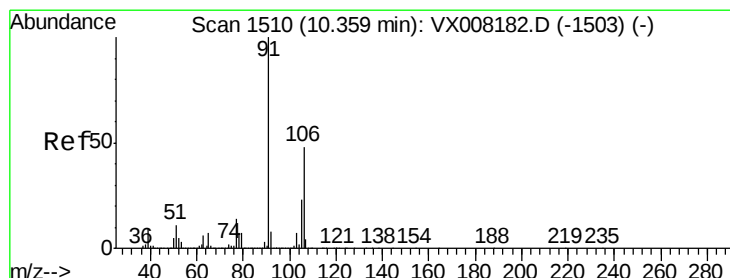
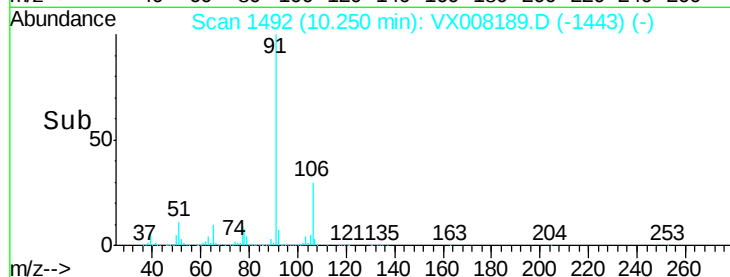
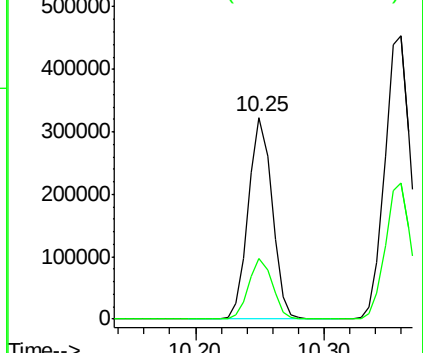
91 100

106 30.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.337 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008189.D

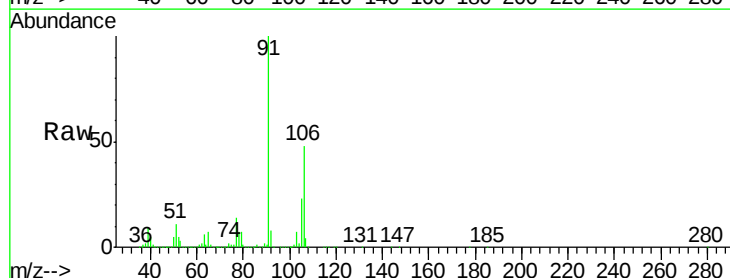
Acq: 19 Mar 2019 14:16

Tgt Ion: 106 Resp: 299382

Ion Ratio Lower Upper

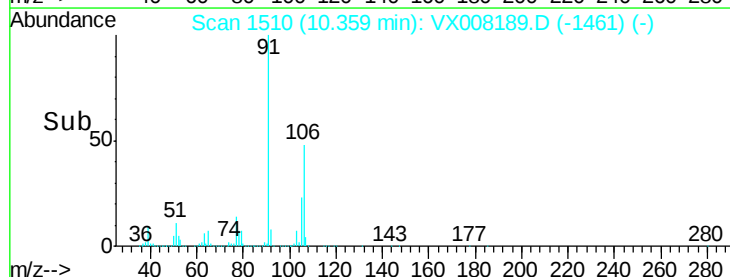
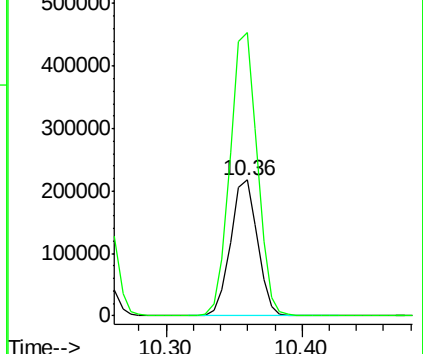
106 100

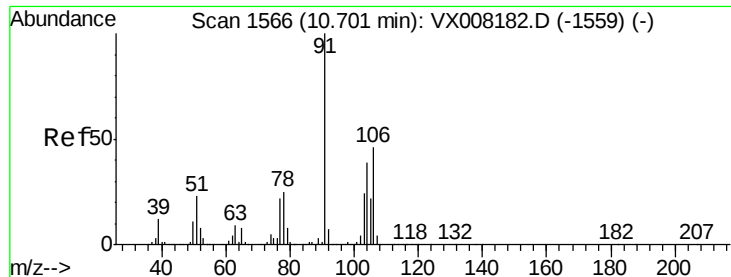
91 211.0 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

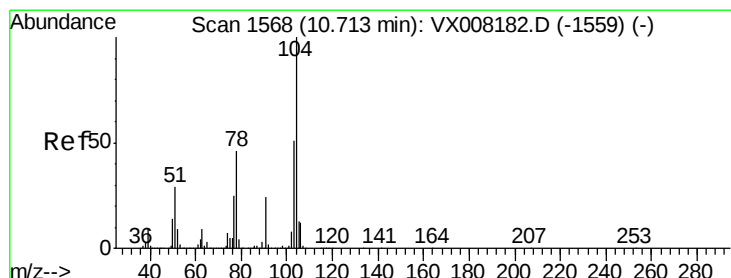
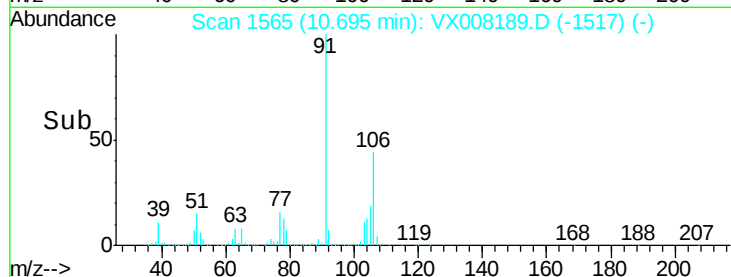
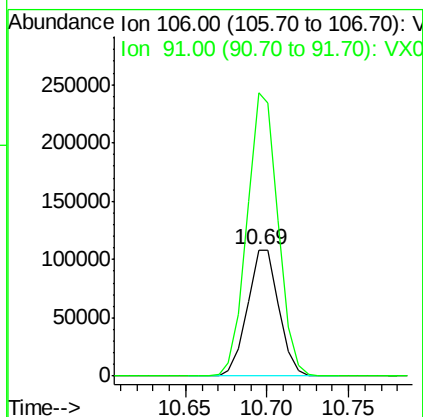
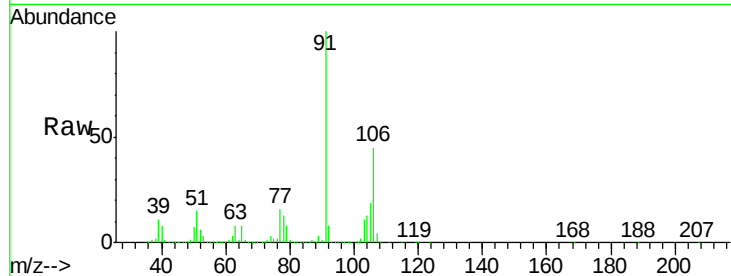




#69
o-Xylene
Concen: 20.677 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

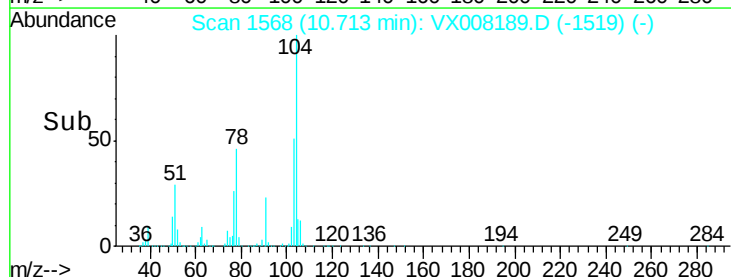
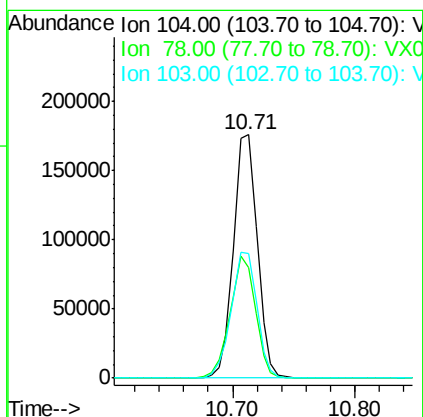
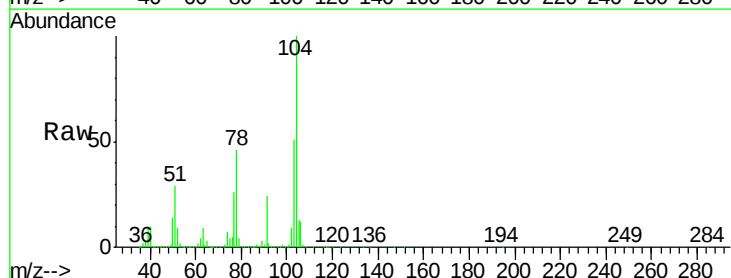
Instrument :
MSVOA_X
ClientSampled :

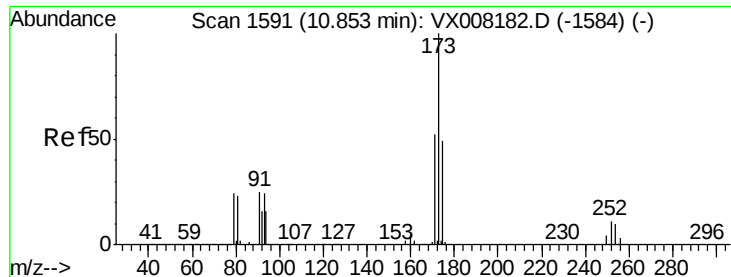
Tot Ion:106 Resp: 145515
Ion Ratio Lower Upper
106 100
91 221.0 106.3 318.9



#70
Styrene
Concen: 20.676 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:104 Resp: 236478
Ion Ratio Lower Upper
104 100
78 53.5 38.5 57.7
103 56.3 44.1 66.1

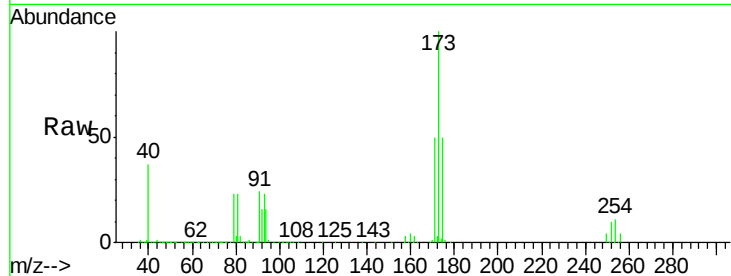




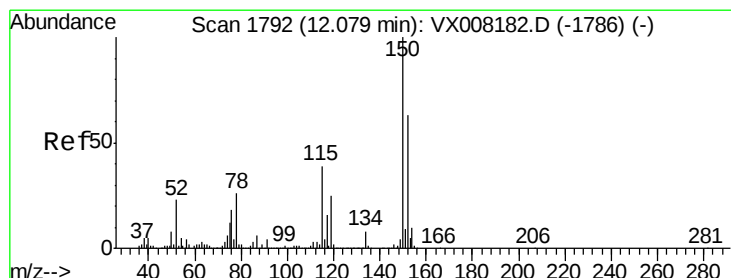
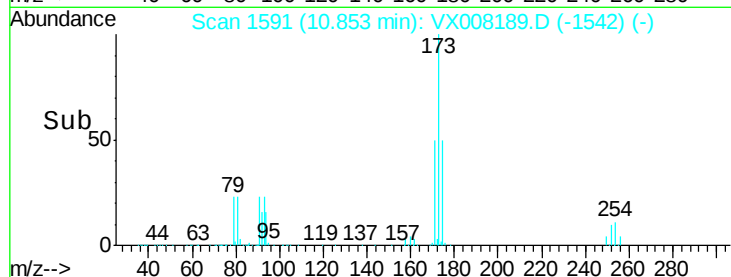
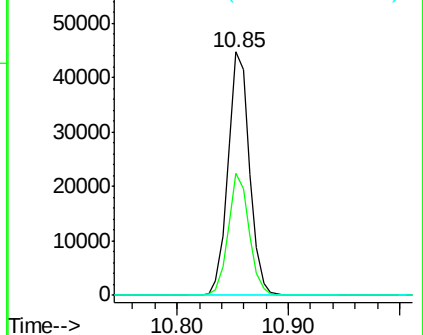
#71
Bromoform
Concen: 19.139 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 59549
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.9
254 0.2 0.1 0.1#

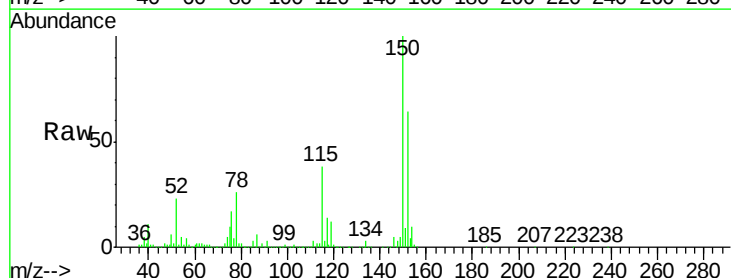


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

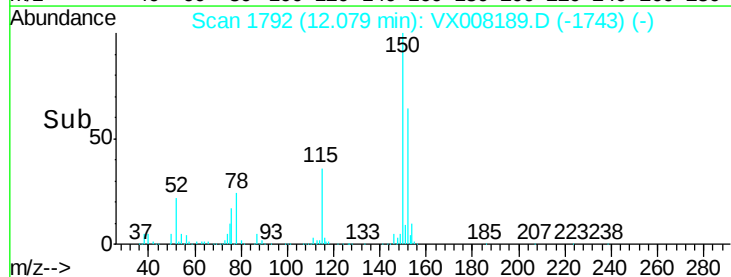
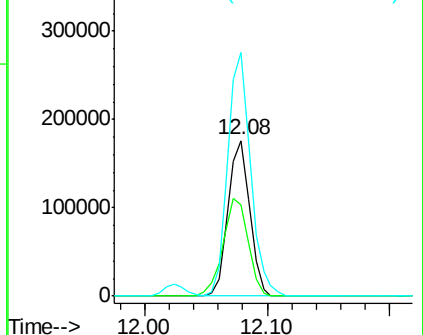


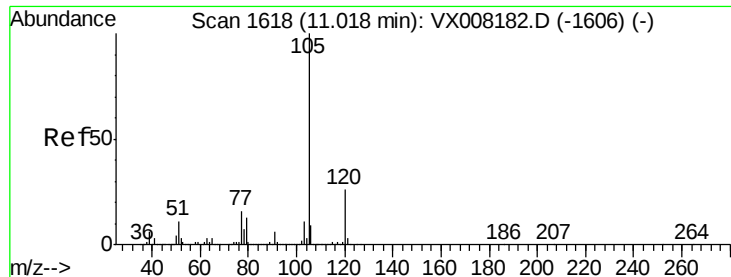
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:152 Resp: 215046
Ion Ratio Lower Upper
152 100
115 73.0 38.6 115.7
150 164.9 0.0 348.4



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: 20.741 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

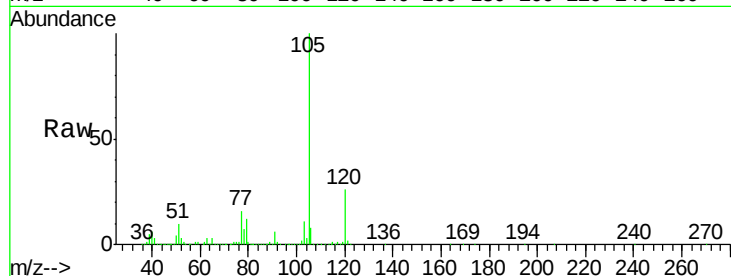
ClientSampleId :

Tot Ion:105 Resp: 397574

Ion Ratio Lower Upper

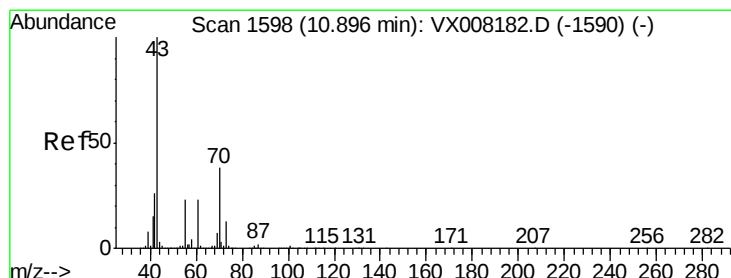
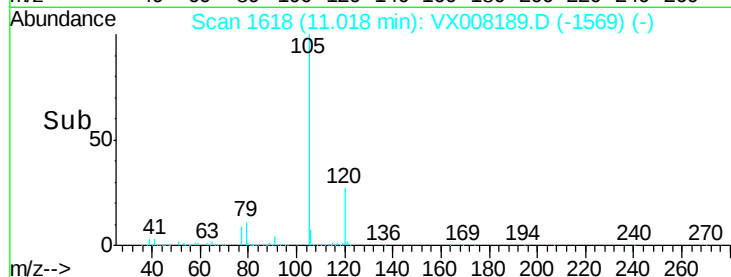
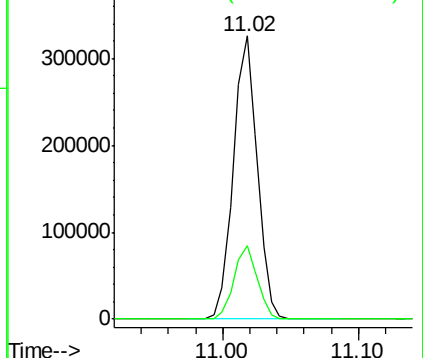
105 100

120 25.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.189 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 43 Resp: 202753

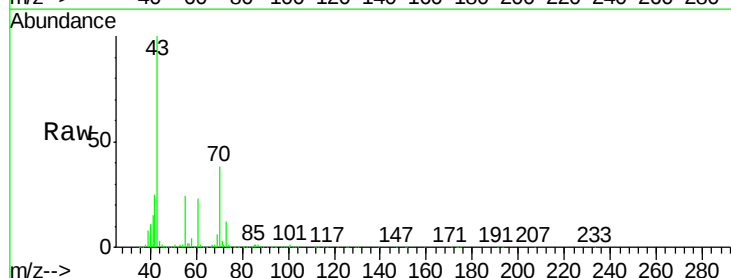
Ion Ratio Lower Upper

43 100

70 38.9 33.5 50.3

55 24.2 19.2 28.8

61 23.0 19.0 28.6

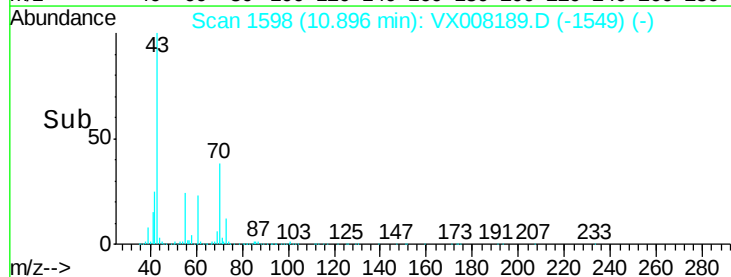
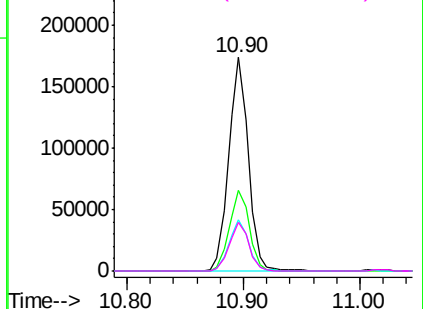


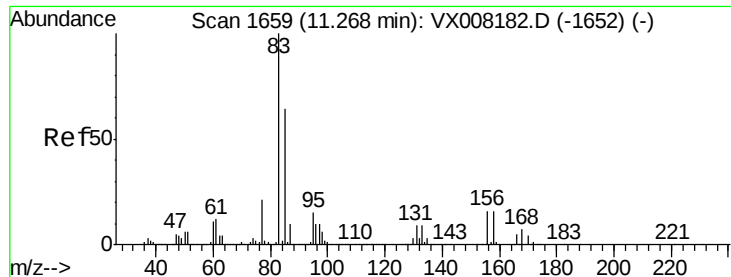
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.999 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

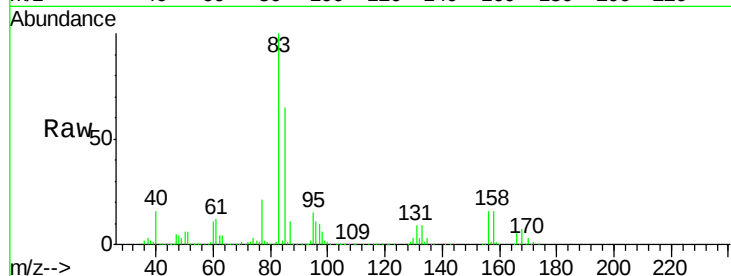
Tot Ion: 83 Resp: 137462

Ion Ratio Lower Upper

83 100

131 9.0 5.4 16.2

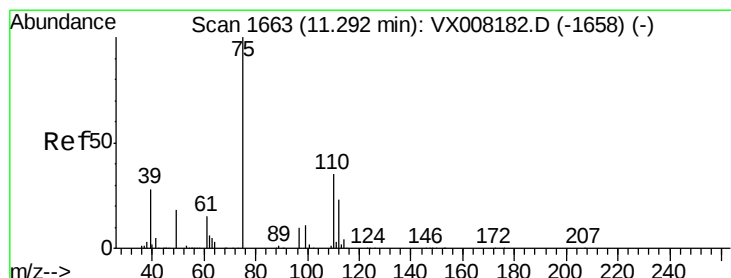
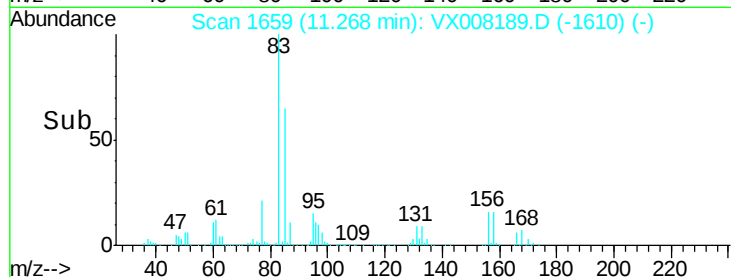
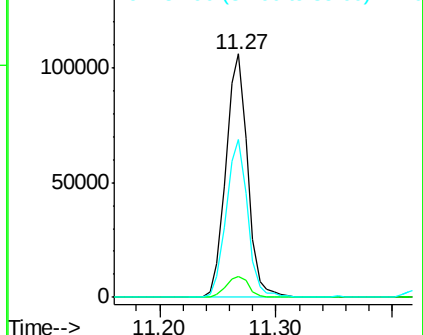
85 64.4 32.3 96.8



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: 26.764 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008189.D

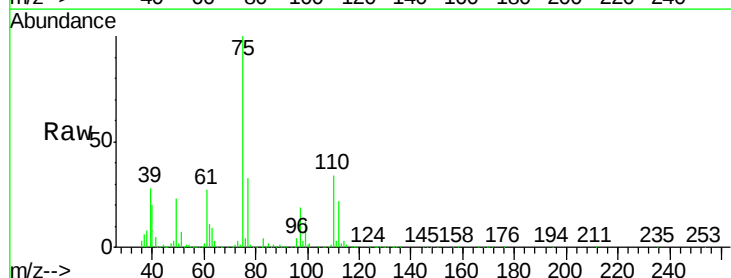
Acq: 19 Mar 2019 14:16

Tgt Ion: 75 Resp: 161880

Ion Ratio Lower Upper

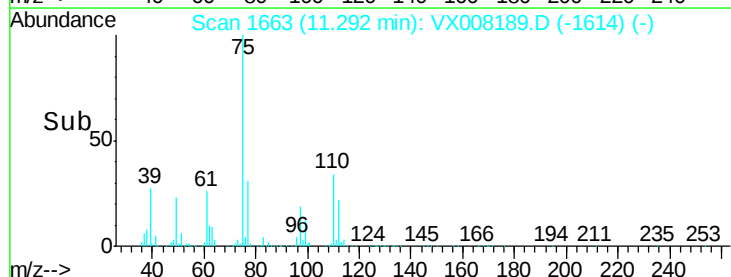
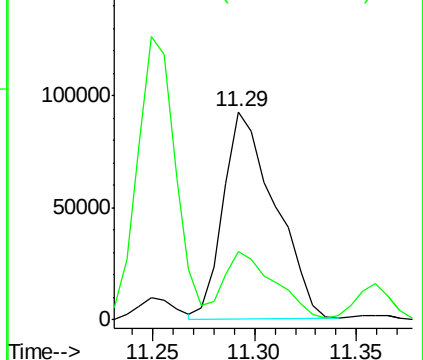
75 100

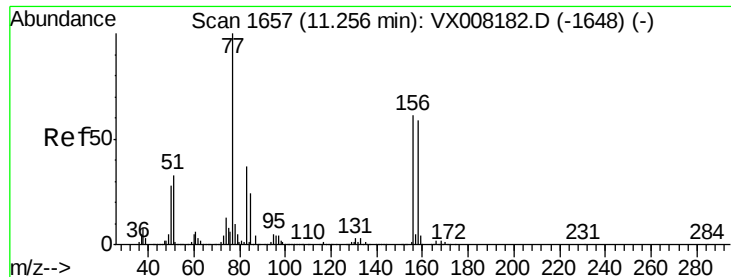
77 32.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

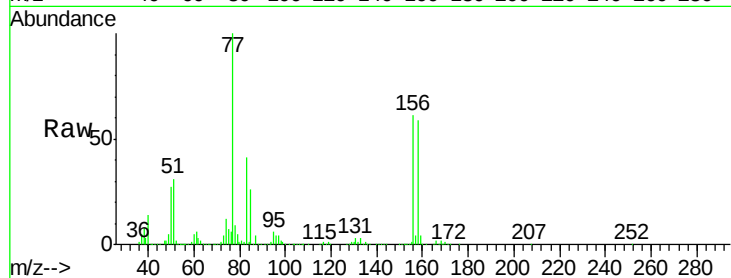
Tot Ion:156 Resp: 93481

Ion Ratio Lower Upper

156 100

77 174.2 72.0 215.9

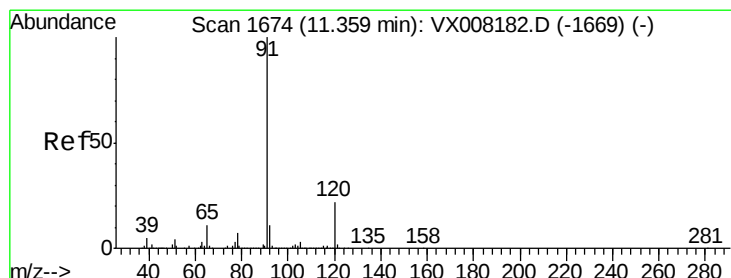
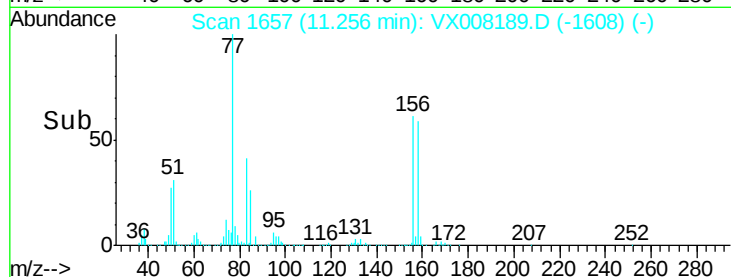
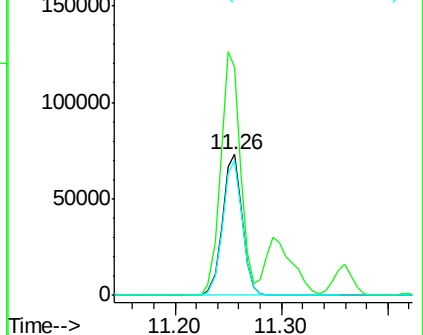
158 96.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.907 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008189.D

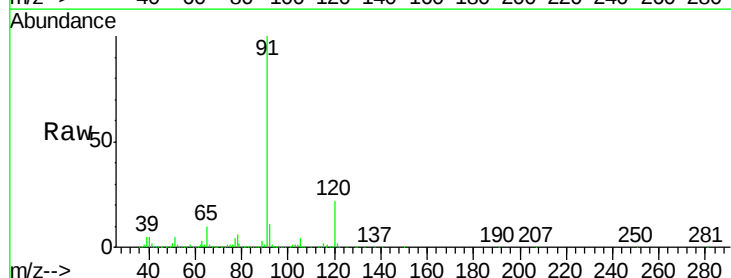
Acq: 19 Mar 2019 14:16

Tgt Ion: 91 Resp: 465463

Ion Ratio Lower Upper

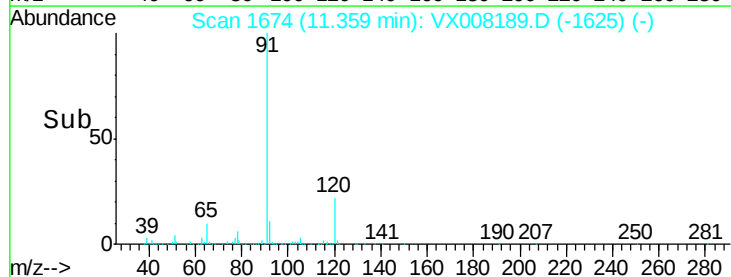
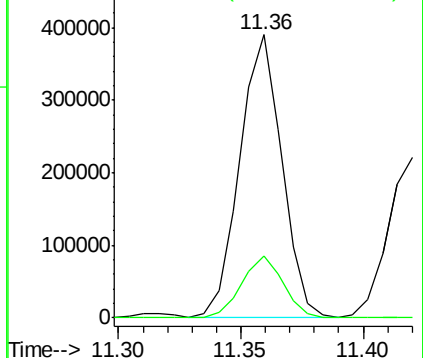
91 100

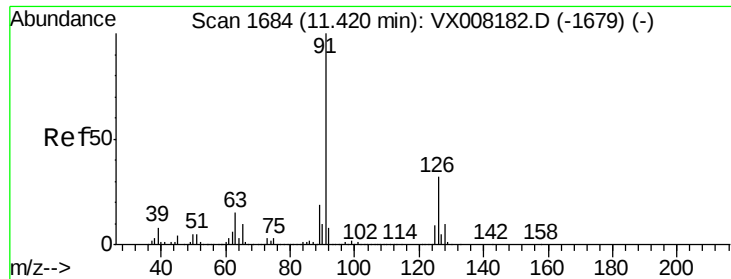
120 21.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

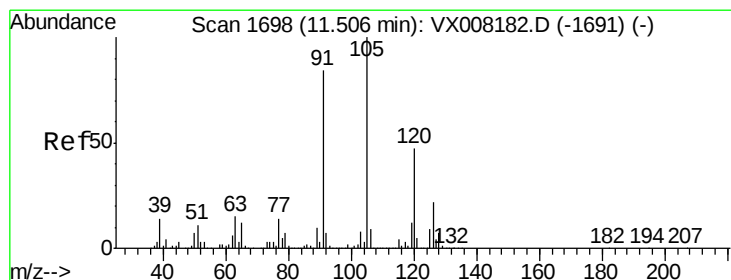
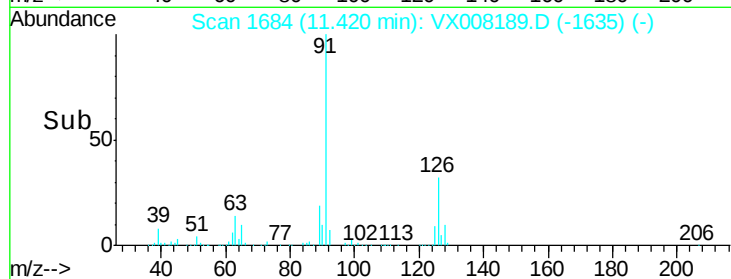
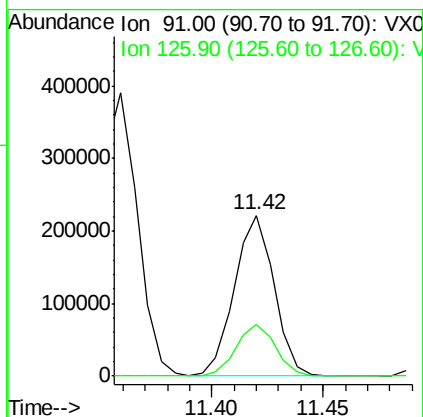
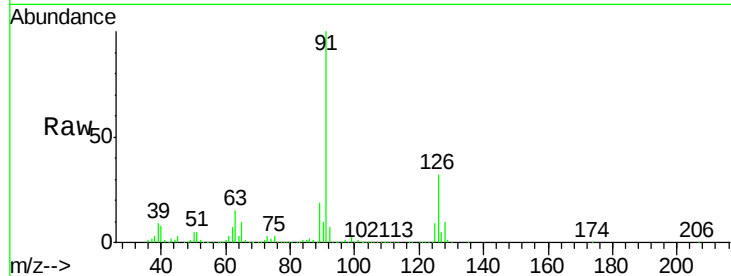




#79
 2-Chlorotoluene
 Concen: 20.503 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

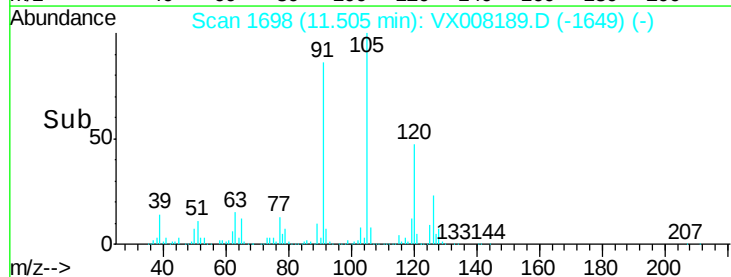
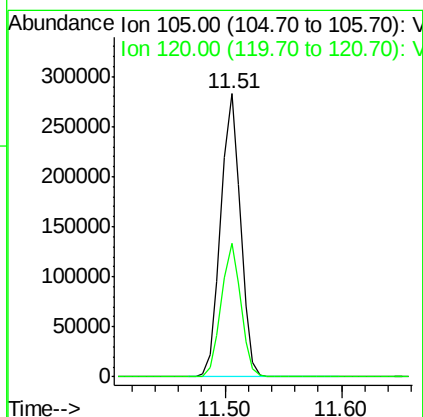
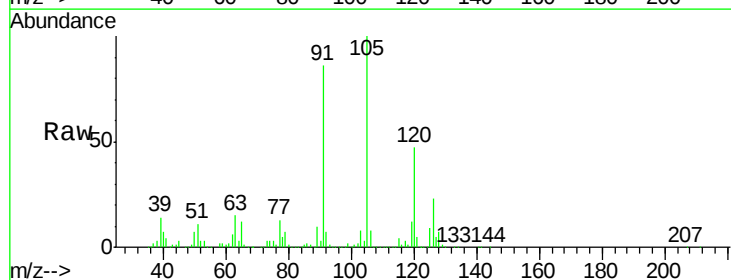
Instrument :
 MSVOA_X
 ClientSampled :

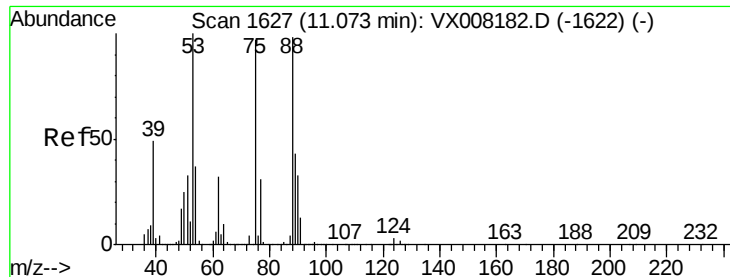
Tot Ion: 91 Resp: 273972
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.855 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion: 105 Resp: 330252
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.263 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

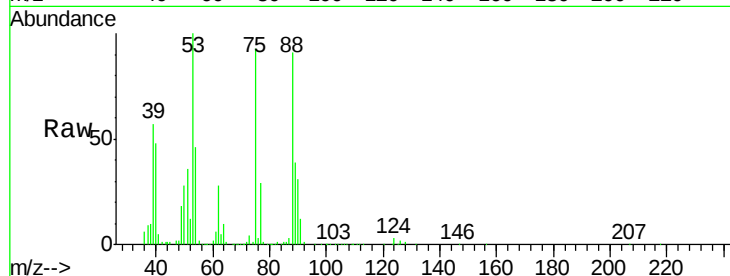
Tot Ion: 75 Resp: 41103

Ion Ratio Lower Upper

75 100

53 110.5 76.1 114.1

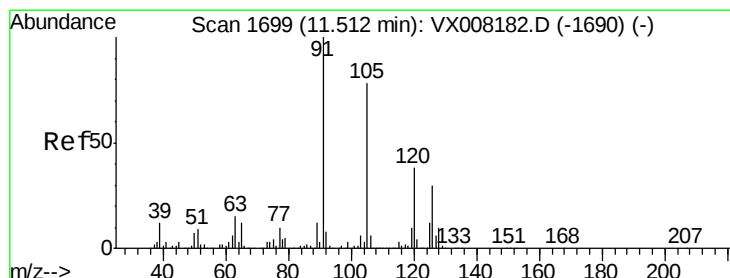
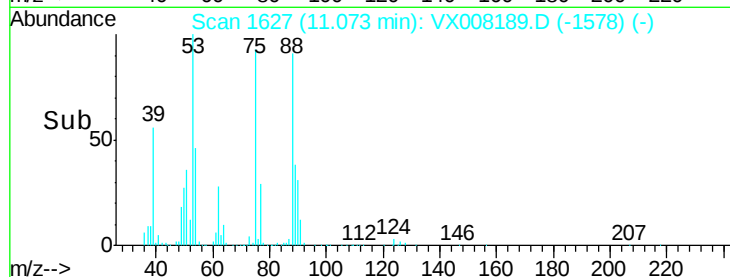
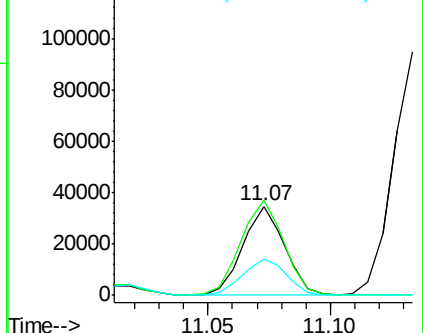
89 44.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.337 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008189.D

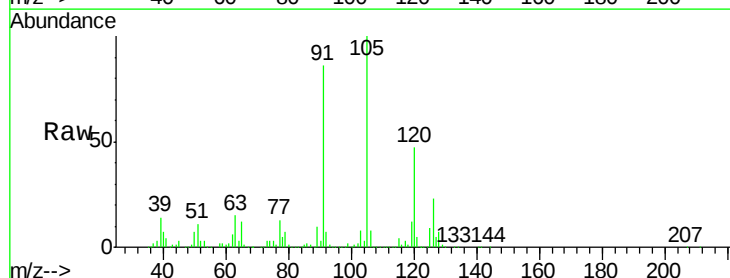
Acq: 19 Mar 2019 14:16

Tgt Ion: 91 Resp: 316235

Ion Ratio Lower Upper

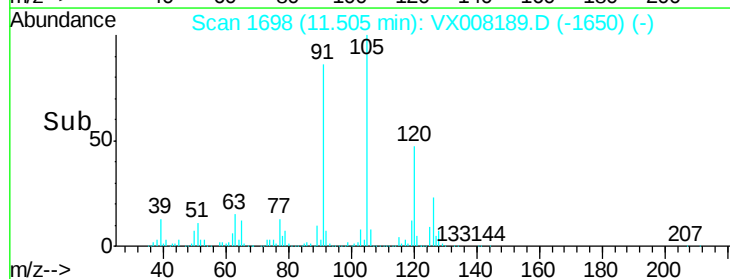
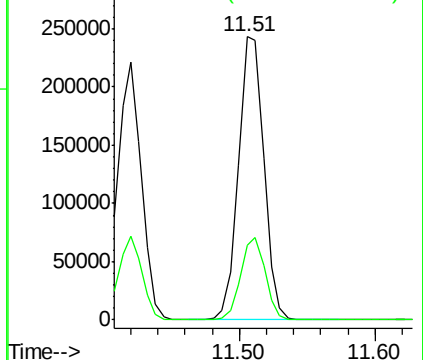
91 100

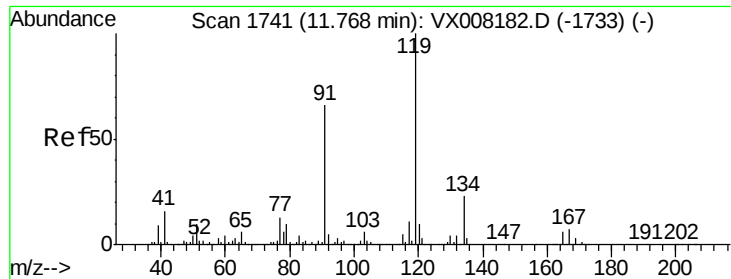
126 28.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

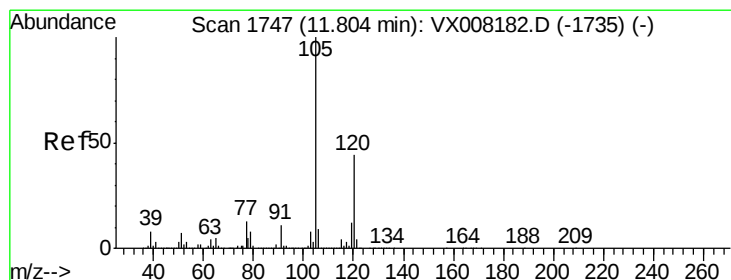
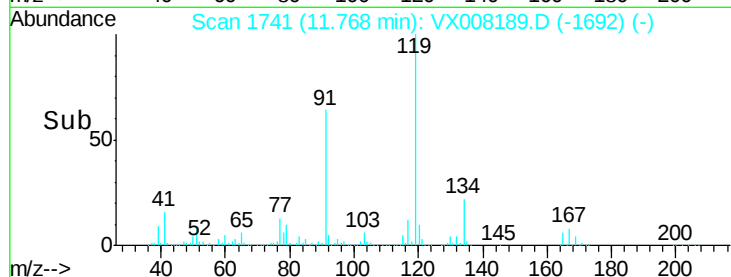
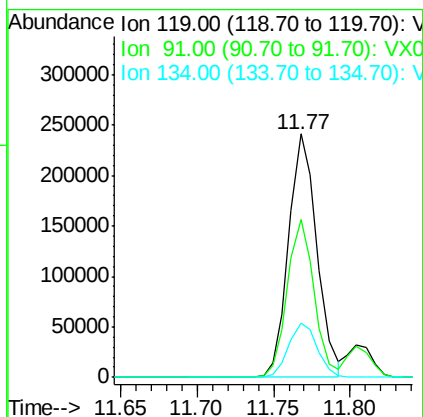
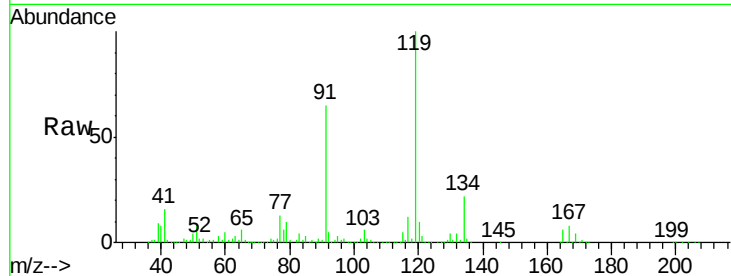




#83
tert-Butylbenzene
Concen: 20.430 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

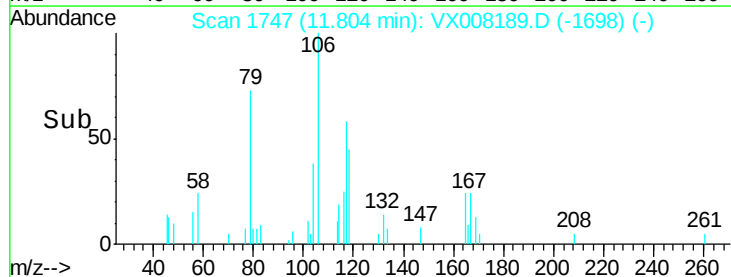
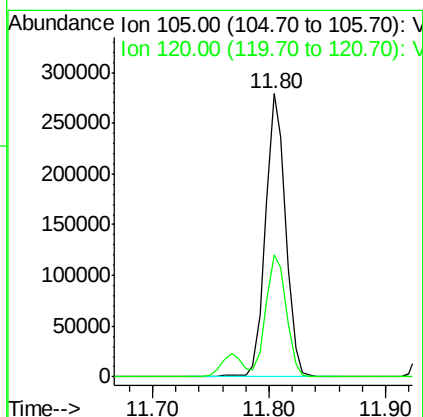
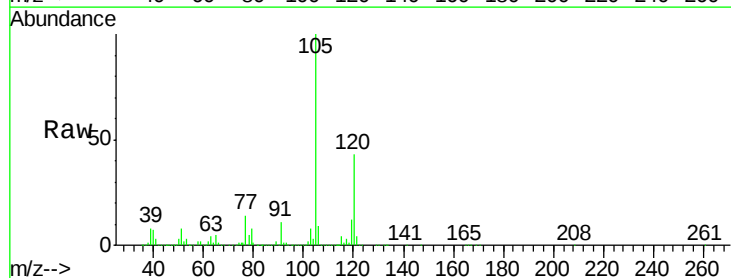
Instrument :
MSVOA_X
ClientSampleId :

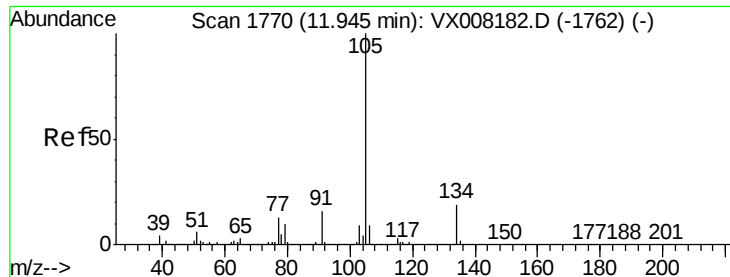
Tot Ion:119 Resp: 308887
Ion Ratio Lower Upper
119 100
91 61.8 27.1 81.3
134 22.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 20.728 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:105 Resp: 332777
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.121 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

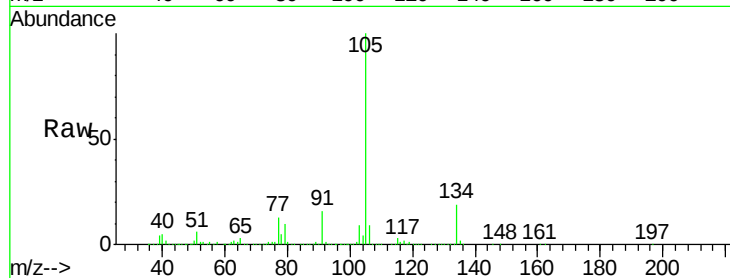
ClientSampleId :

Tot Ion:105 Resp: 395449

Ion Ratio Lower Upper

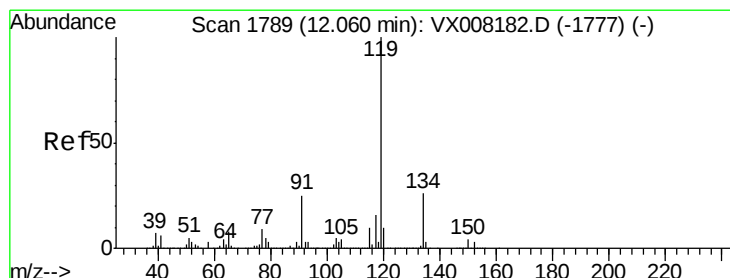
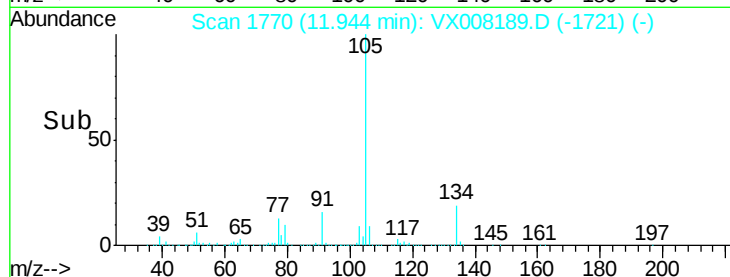
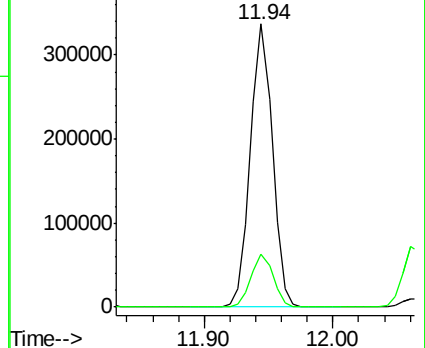
105 100

134 19.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.151 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

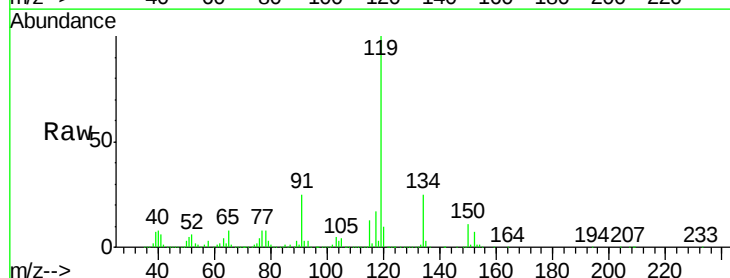
Tgt Ion:119 Resp: 342789

Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

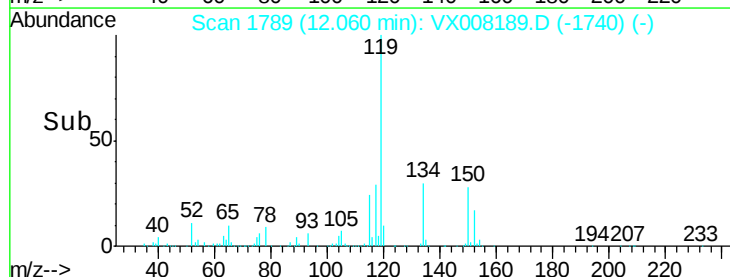
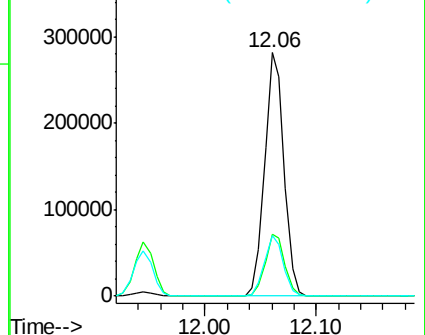
91 24.5 10.9 32.7

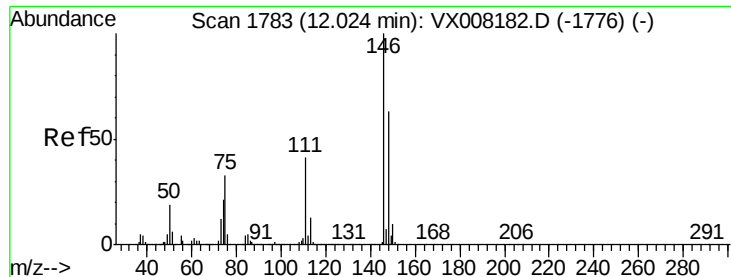


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.284 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008189.D

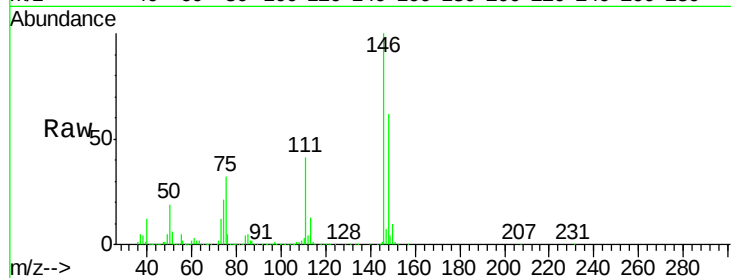
Acq: 19 Mar 2019 14:16

Instrument :

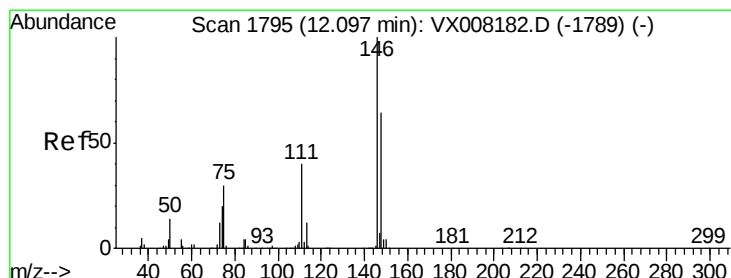
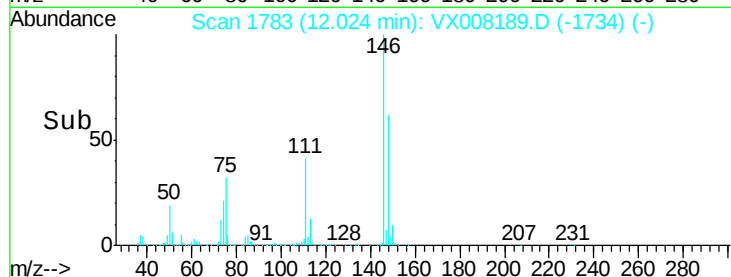
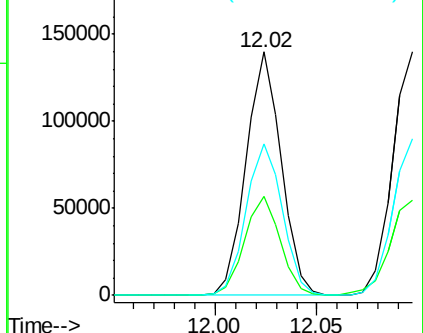
MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	168001
Ion	Ratio	Lower	Upper
146	100		
111	41.2	18.9	56.7
148	64.1	31.7	95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.564 ug/l

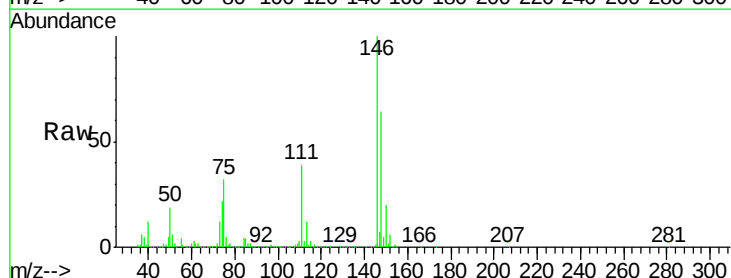
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

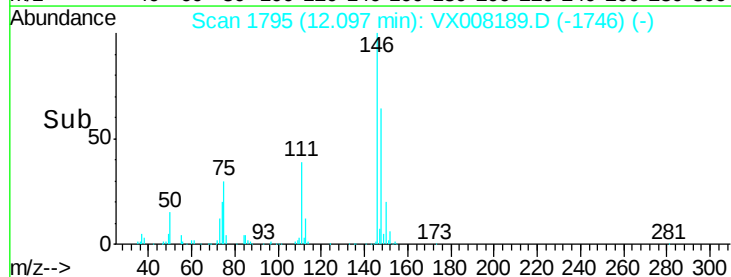
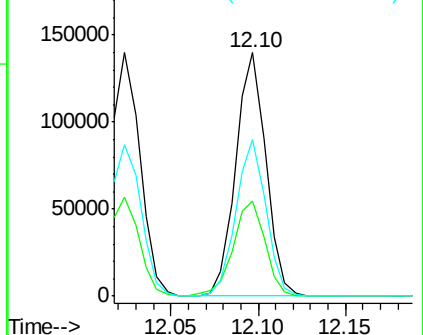
Lab File: VX008189.D

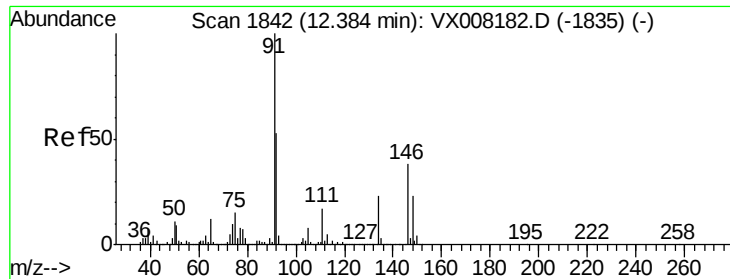
Acq: 19 Mar 2019 14:16

Tgt Ion:	146	Resp:	167607
Ion	Ratio	Lower	Upper
146	100		
111	41.5	18.4	55.0
148	64.3	32.2	96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

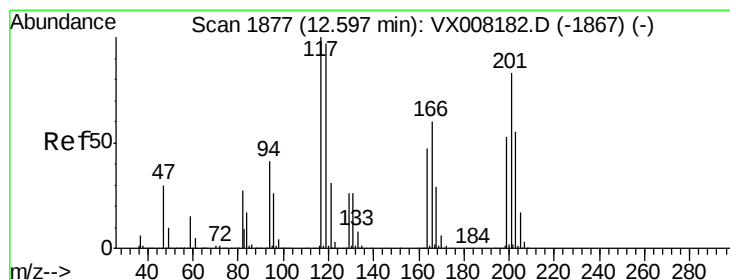
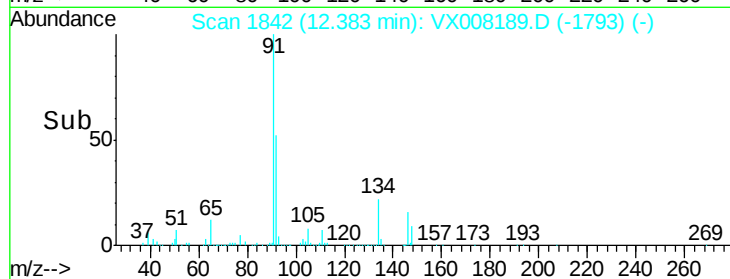
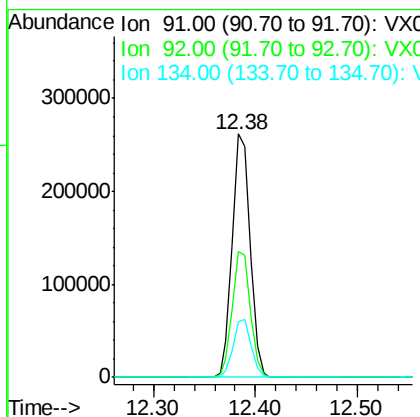
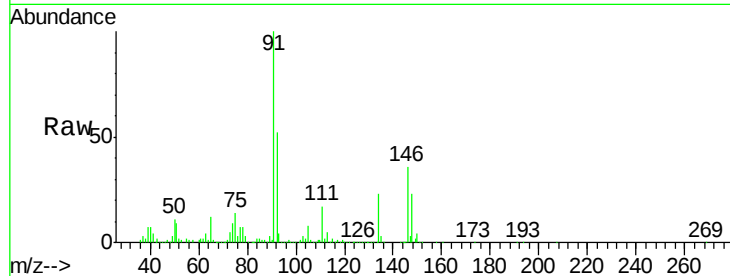




#89
n-Butylbenzene
Concen: 20.778 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

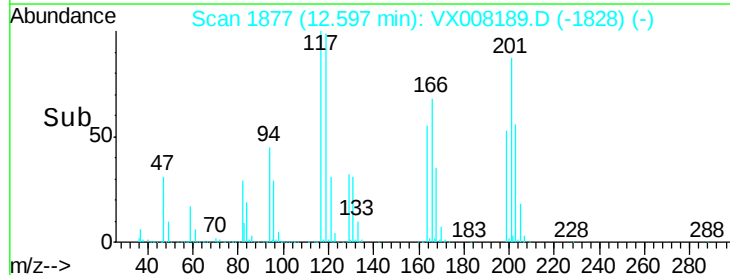
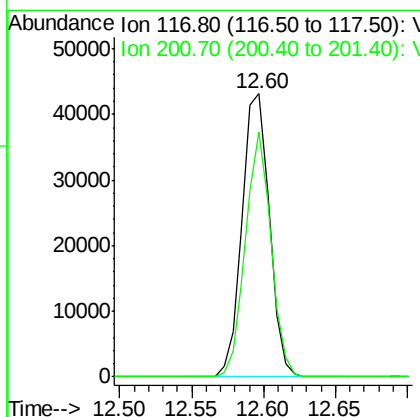
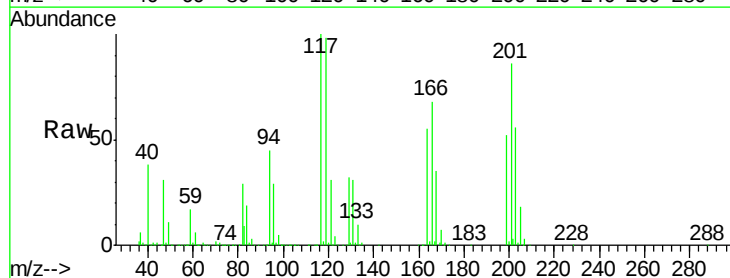
Instrument :
MSVOA_X
ClientSampleId :

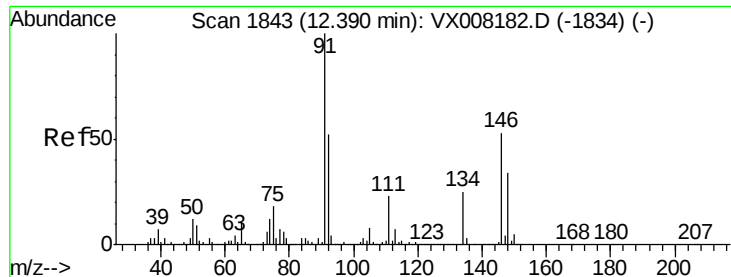
Tot Ion: 91 Resp: 316055
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 23.5 13.7 41.0



#90
Hexachloroethane
Concen: 20.636 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 117 Resp: 56958
Ion Ratio Lower Upper
117 100
201 80.0 48.9 146.7

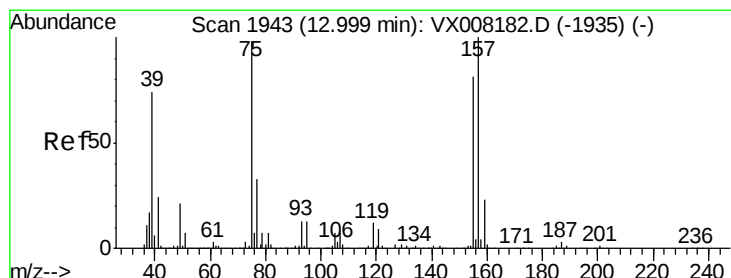
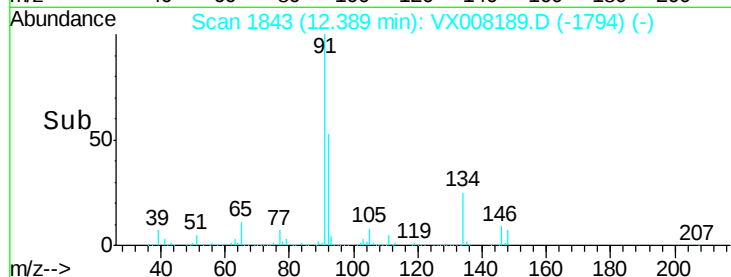
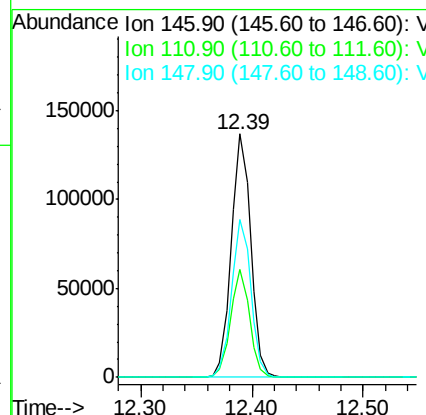
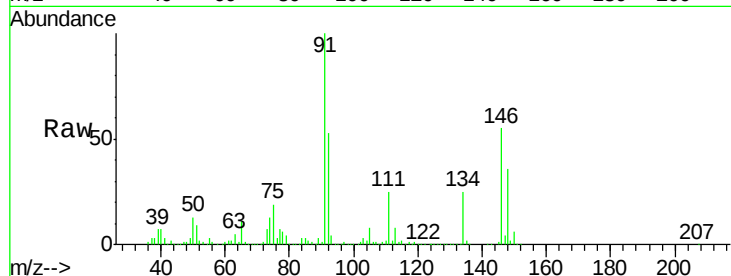




#91
 1,2-Dichlorobenzene
 Concen: 19.842 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

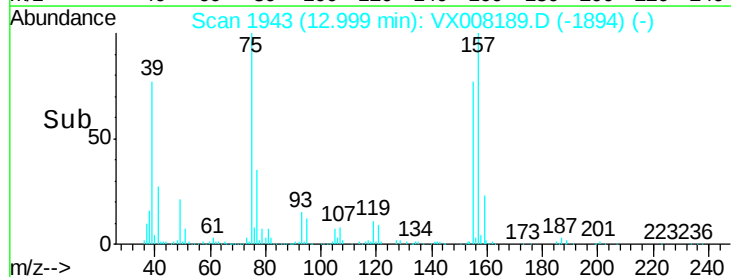
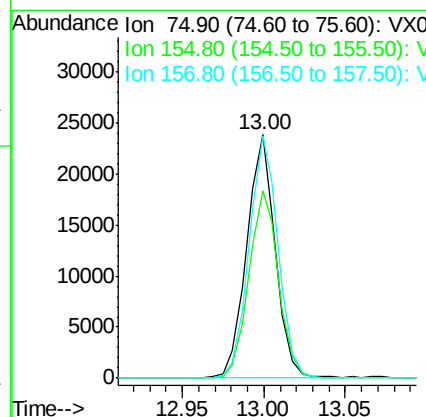
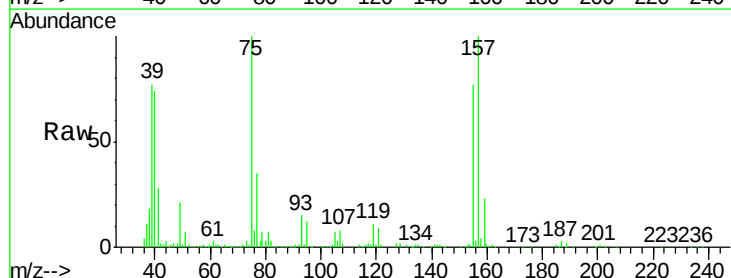
Instrument :
 MSVOA_X
 ClientSampleId :

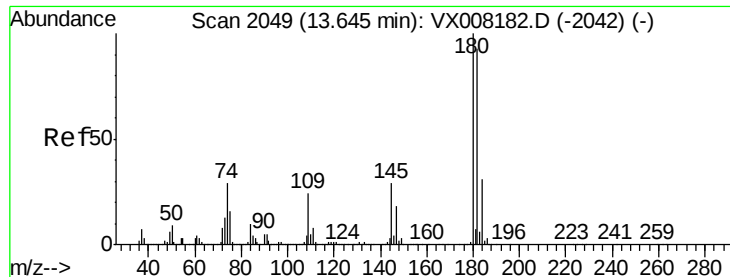
Tot Ion:146 Resp: 165703
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.6 58.8
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.045 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion: 75 Resp: 29074
 Ion Ratio Lower Upper
 75 100
 155 79.2 49.7 149.1
 157 101.1 63.8 191.4

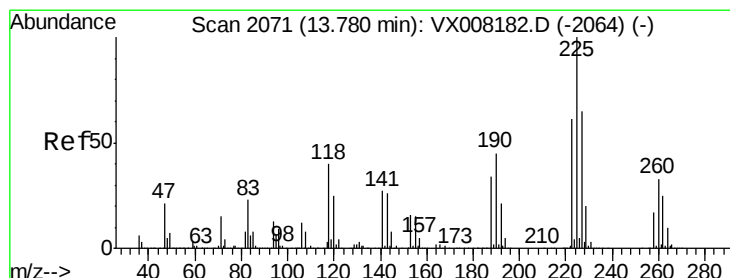
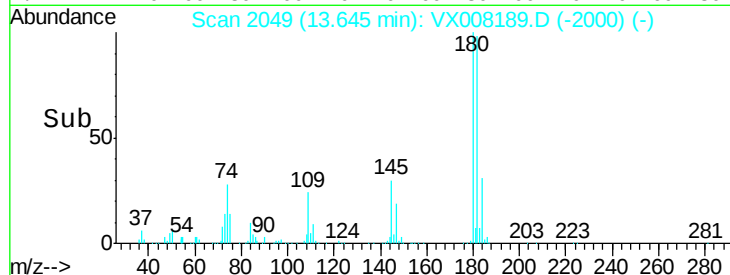
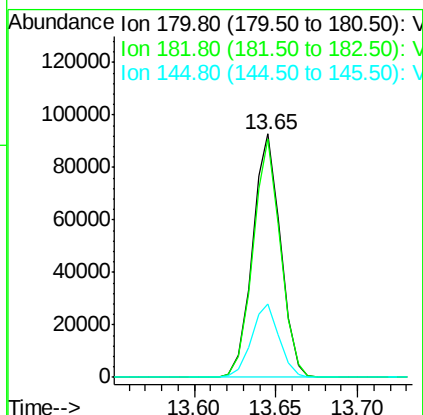
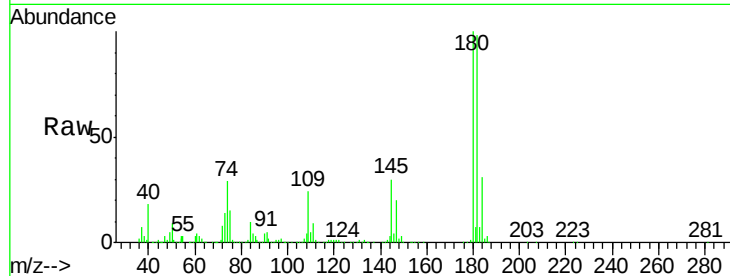




#93
 1,2,4-Trichlorobenzene
 Concen: 20.094 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

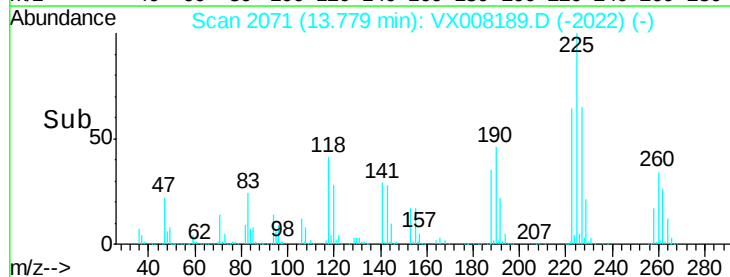
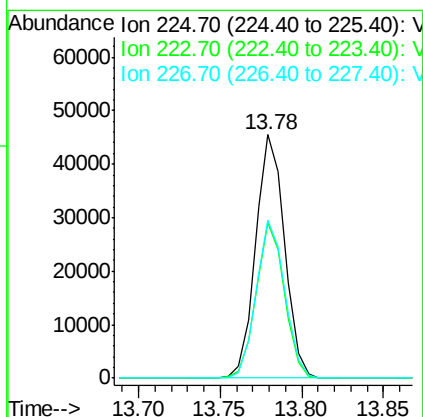
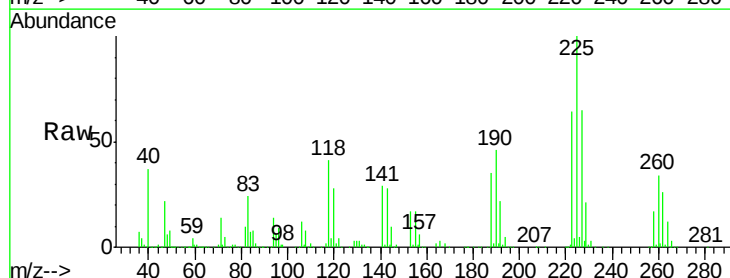
Instrument :
 MSVOA_X
 ClientSampleId :

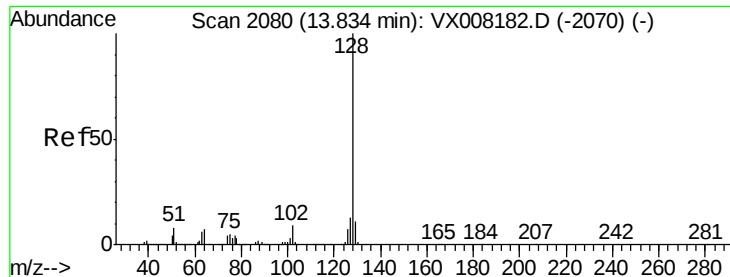
Tot Ion:180 Resp: 110533
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.9 143.7
 145 29.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion:225 Resp: 56041
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 63.8 32.0 96.0





#95

Naphthalene

Concen: 20.051 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

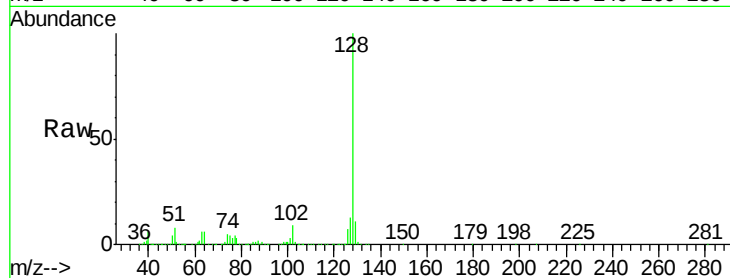
Tot Ion:128 Resp: 348125

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

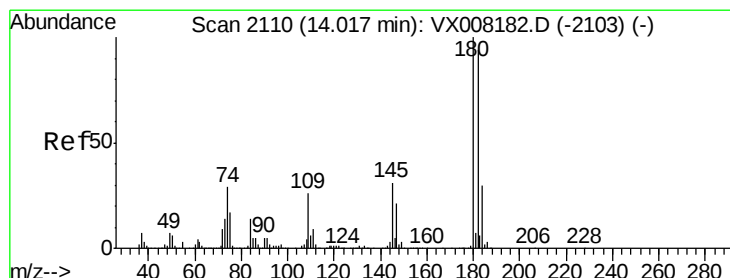
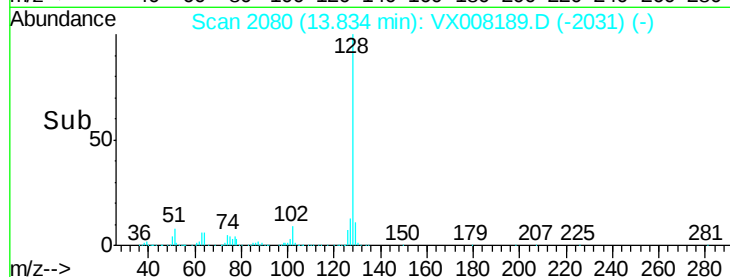
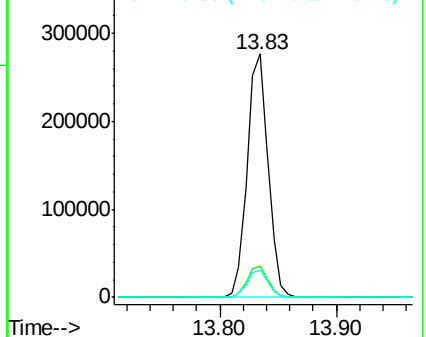
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.525 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

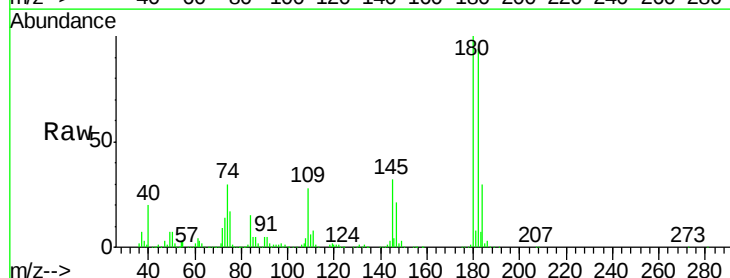
Tgt Ion:180 Resp: 111096

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 31.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

