

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008187.D
 Acq On : 19 Mar 2019 13:16
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 07:07:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	368260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	597979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	533617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254730	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	278760	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	5.50	113	210416	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
50) Toluene-d8	8.71	98	810822	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	11.13	95	289584	55.41	ug/l	0.00
Spiked Amount			Recovery	=	110.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	245781	55.049	ug/l	100
3) Chloromethane	1.33	50	277612	49.553	ug/l	99
4) Vinyl Chloride	1.41	62	283978	50.839	ug/l	99
5) Bromomethane	1.64	94	248764	52.282	ug/l	99
6) Chloroethane	1.72	64	171339	48.922	ug/l	98
7) Trichlorofluoromethane	1.93	101	354309	49.703	ug/l	97
8) Diethyl Ether	2.19	74	198653	54.164	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	261131	55.173	ug/l	91
10) Methyl Iodide	2.51	142	326259	54.139	ug/l	97
11) Tert butyl alcohol	3.05	59	311224	262.122	ug/l	99
12) 1,1-Dichloroethene	2.37	96	239737	53.653	ug/l	91
13) Acrolein	2.29	56	221153	265.164	ug/l	99
14) Allyl chloride	2.73	41	532523	54.748	ug/l	93
15) Acrylonitrile	3.14	53	828954	263.956	ug/l	99
16) Acetone	2.45	43	852283	270.938	ug/l	97
17) Carbon Disulfide	2.57	76	758846	52.001	ug/l	100
18) Methyl Acetate	2.78	43	399066	54.798	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	884271	54.733	ug/l	97
20) Methylene Chloride	2.86	84	272453	51.941	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	256004	53.034	ug/l	91
22) Diisopropyl ether	3.85	45	1038643	54.521	ug/l	# 81
23) Vinyl Acetate	3.82	43	4580074	280.424	ug/l	98
24) 1,1-Dichloroethane	3.70	63	524355	53.517	ug/l	98
25) 2-Butanone	4.67	43	1263723	272.152	ug/l	97
26) 2,2-Dichloropropane	4.59	77	414276	56.127	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	294394	53.498	ug/l	90
28) Bromochloromethane	5.02	49	214570	48.770	ug/l	# 81
29) Tetrahydrofuran	5.13	42	791413	272.641	ug/l	97
30) Chloroform	5.21	83	490845	53.556	ug/l	98
31) Cyclohexane	5.58	56	524107	56.964	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	417413	54.749	ug/l	96
36) 1,1-Dichloropropene	5.80	75	394601	56.679	ug/l	96
37) Ethyl Acetate	4.83	43	465229	56.529	ug/l	98
38) Carbon Tetrachloride	5.79	117	350449	56.495	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	499824	59.658	ug/l	94
40) Benzene	6.14	78	1148655	55.743	ug/l	99
41) Methacrylonitrile	5.04	41	264500	57.296	ug/l	96
42) 1,2-Dichloroethane	6.20	62	411271	54.483	ug/l	96
43) Isopropyl Acetate	6.45	43	759062	57.542	ug/l	97
44) Trichloroethene	7.21	130	275465	54.673	ug/l	89
45) 1,2-Dichloropropane	7.51	63	318022	55.131	ug/l	100
46) Dibromomethane	7.66	93	188856	54.073	ug/l	87
47) Bromodichloromethane	7.90	83	377118	56.657	ug/l	98
48) Methyl methacrylate	7.77	41	398111	56.758	ug/l	93
49) 1,4-Dioxane	7.74	88	132564	1070.998	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	2361800	276.939	ug/l	98
52) Toluene	8.79	92	683838	55.938	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	442909	53.044	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	482932	58.461	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	275903	55.859	ug/l	98
56) Ethyl methacrylate	9.18	69	464770	53.607	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	488473	55.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1108118	273.820	ug/l	93
59) 2-Hexanone	9.49	43	1814245	276.321	ug/l	97
60) Dibromochloromethane	9.58	129	276915	58.337	ug/l	99
61) 1,2-Dibromoethane	9.67	107	288477	55.935	ug/l	99
64) Tetrachloroethene	9.34	164	264525	54.946	ug/l	96
65) Chlorobenzene	10.13	112	721145	54.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	259000	56.575	ug/l	99
67) Ethyl Benzene	10.25	91	1316549	56.900	ug/l	98
68) m/p-Xylenes	10.36	106	978041	115.070	ug/l	94
69) o-Xylene	10.70	106	467672	56.626	ug/l	94
70) Styrene	10.71	104	768416	57.249	ug/l	95
71) Bromoform	10.85	173	201508	51.039	ug/l #	100
73) Isopropylbenzene	11.02	105	1266605	55.784	ug/l	98
74) N-amyl acetate	10.90	43	646794	54.371	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	412384	50.651	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	518542	72.376	ug/l	90
77) Bromobenzene	11.26	156	289679	52.767	ug/l	84
78) n-propylbenzene	11.36	91	1511713	57.324	ug/l	95
79) 2-Chlorotoluene	11.42	91	865862	54.703	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	1050073	55.979	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	144022	51.210	ug/l	95
82) 4-Chlorotoluene	11.51	91	1015204	55.118	ug/l	95
83) tert-Butylbenzene	11.77	119	999801	55.826	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1064322	55.967	ug/l	97
85) sec-Butylbenzene	11.94	105	1263880	56.987	ug/l	96
86) p-Isopropyltoluene	12.06	119	1095102	57.044	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	533846	54.413	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	533735	52.594	ug/l	98
89) n-Butylbenzene	12.38	91	1060486	58.856	ug/l	97
90) Hexachloroethane	12.60	117	188537	57.665	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	525993	53.172	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	95053	52.564	ug/l	77

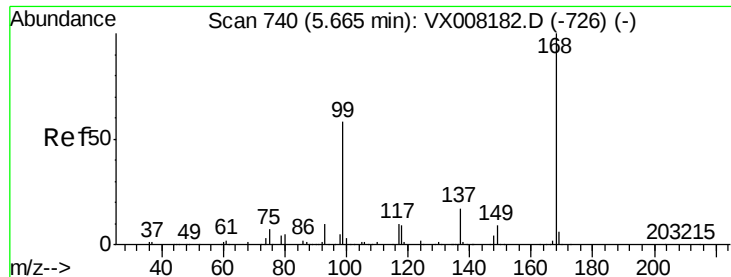
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	360002	55.249	ug/l	98
94) Hexachlorobutadiene	13.78	225	179553	56.501	ug/l	100
95) Naphthalene	13.83	128	1145954	55.722	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	351430	54.812	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

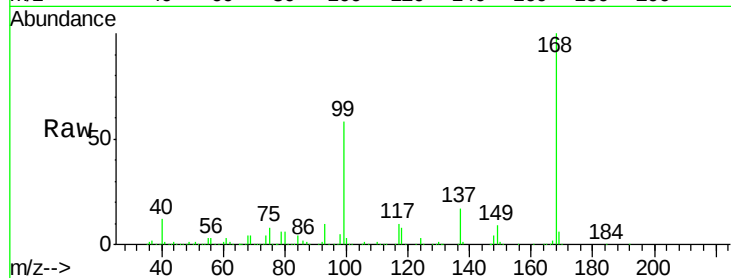
ClientSampleId :

Tot Ion:168 Resp: 368260

Ion Ratio Lower Upper

168 100

99 57.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

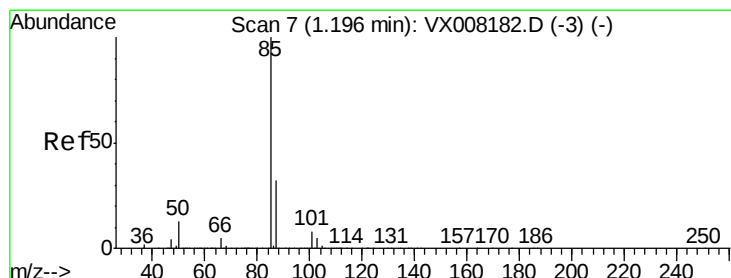
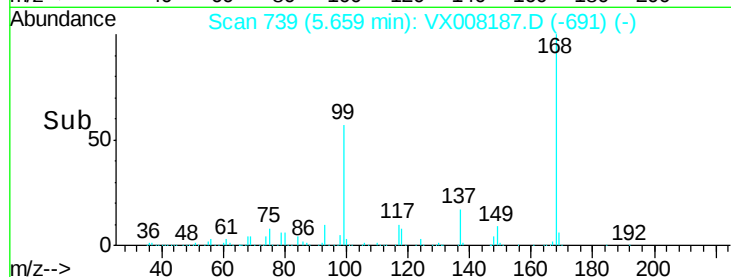
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.049 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008187.D

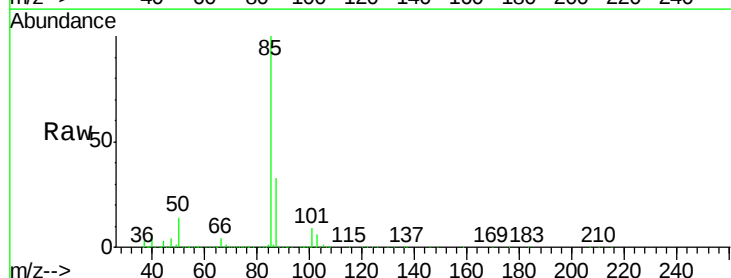
Acq: 19 Mar 2019 13:16

Tgt Ion: 85 Resp: 245781

Ion Ratio Lower Upper

85 100

87 32.8 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

250000

200000

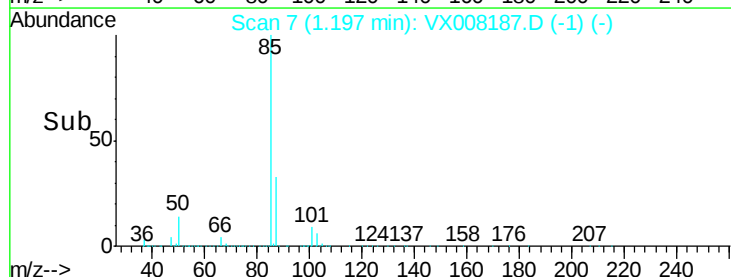
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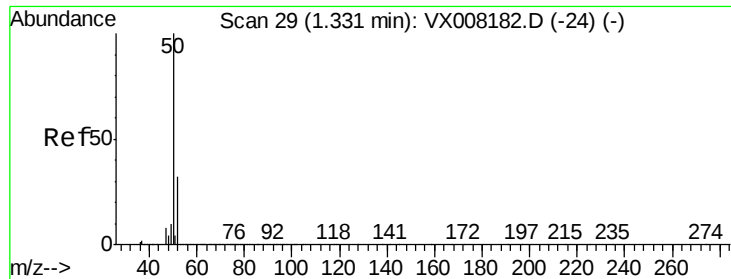
100000

50000

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Time-->





#3

Chloromethane

Concen: 49.553 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

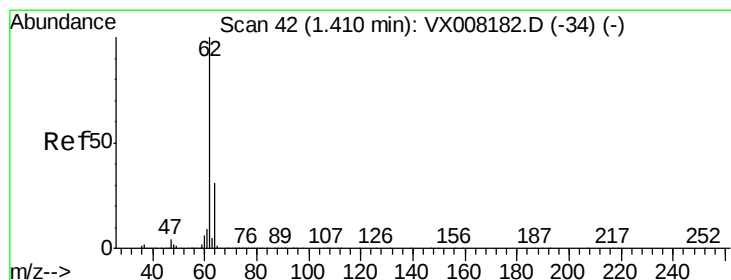
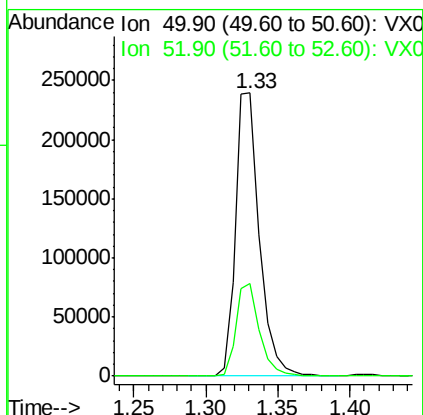
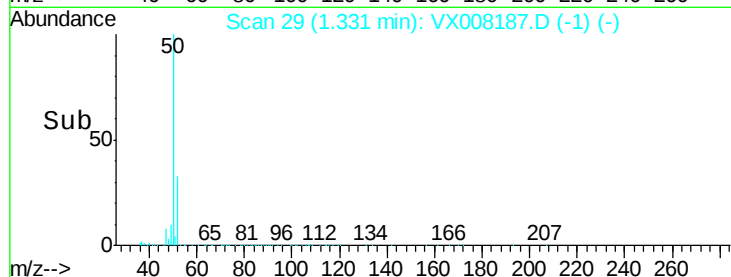
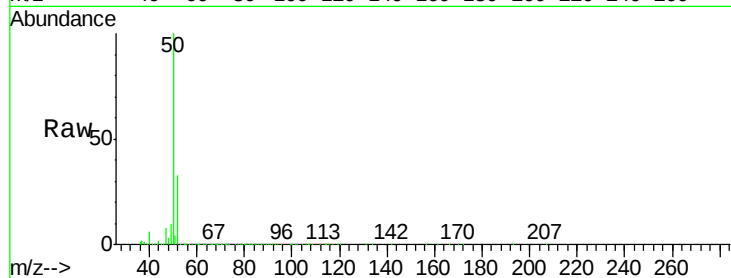
ClientSampleId :

Tot Ion: 50 Resp: 277612

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 50.839 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008187.D

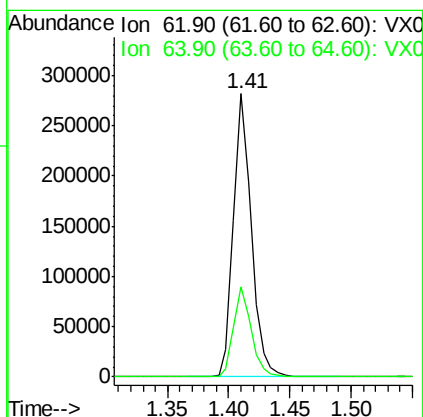
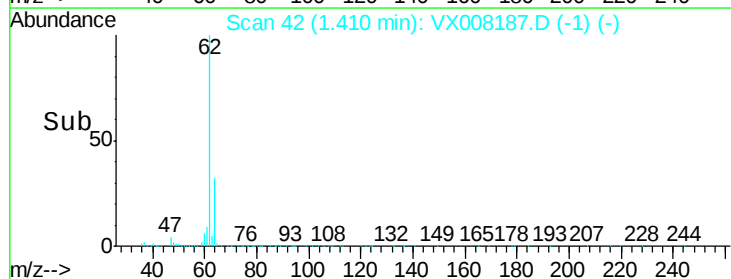
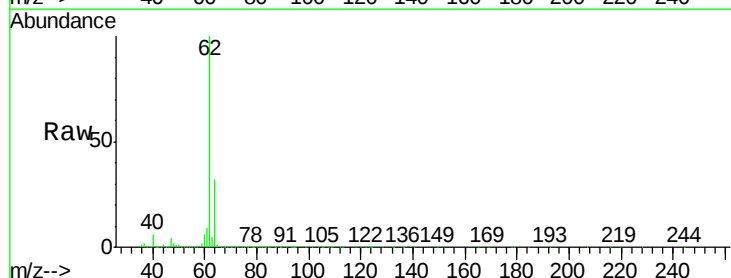
Acq: 19 Mar 2019 13:16

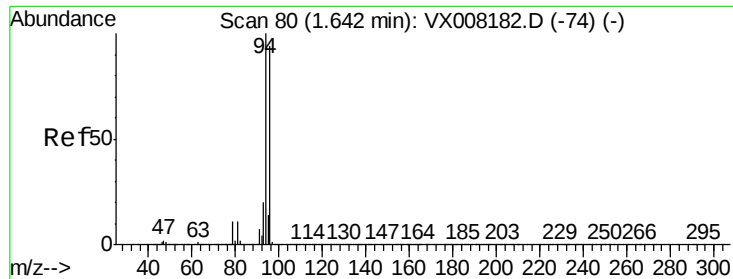
Tgt Ion: 62 Resp: 283978

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 52.282 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

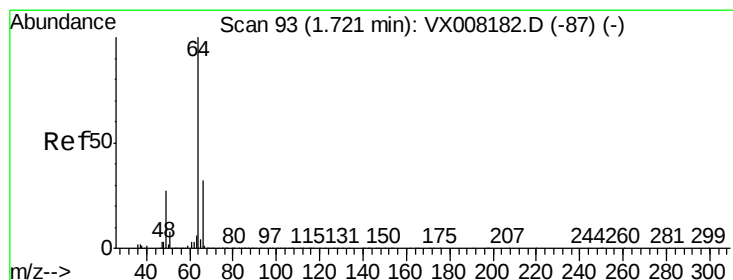
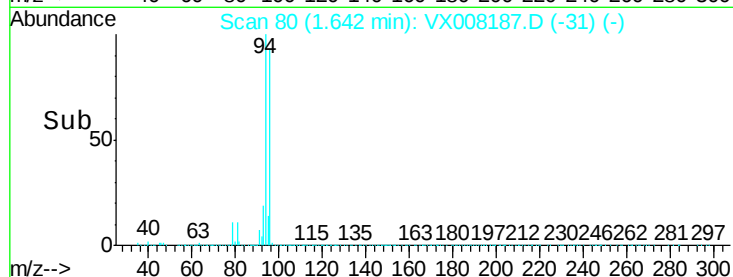
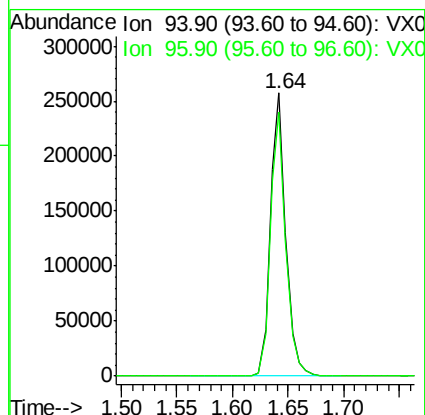
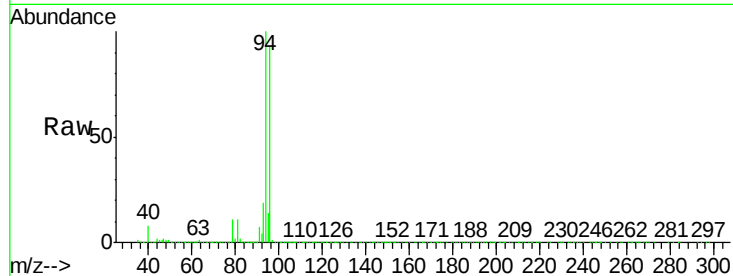
ClientSampleId :

Tot Ion: 94 Resp: 248764

Ion Ratio Lower Upper

94 100

96 93.1 75.5 113.3



#6

Chloroethane

Concen: 48.922 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008187.D

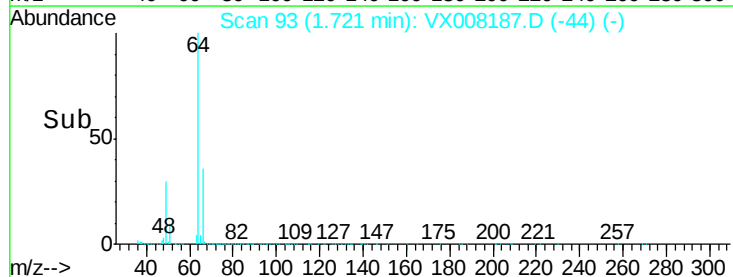
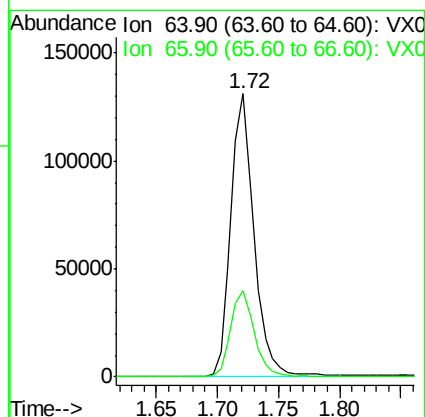
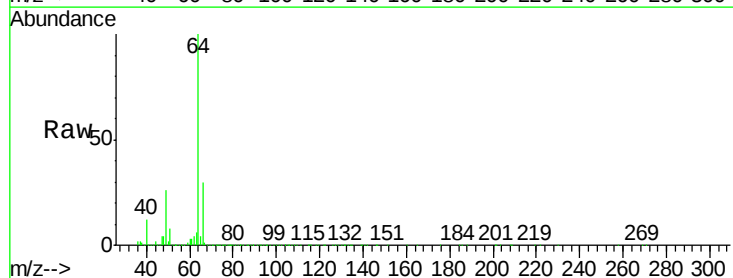
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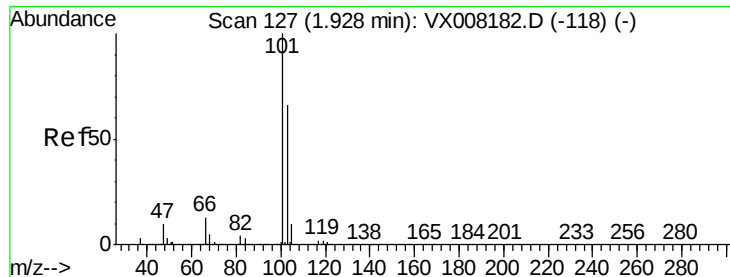
Tgt Ion: 64 Resp: 171339

Ion Ratio Lower Upper

64 100

66 30.4 25.2 37.8



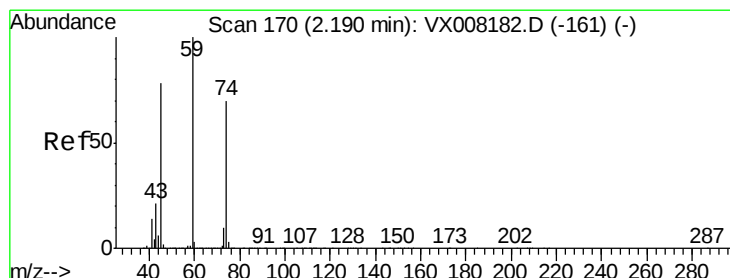
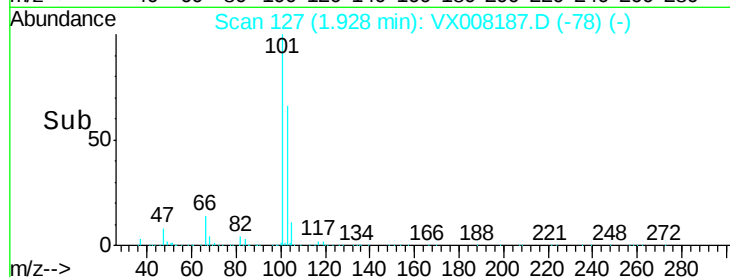
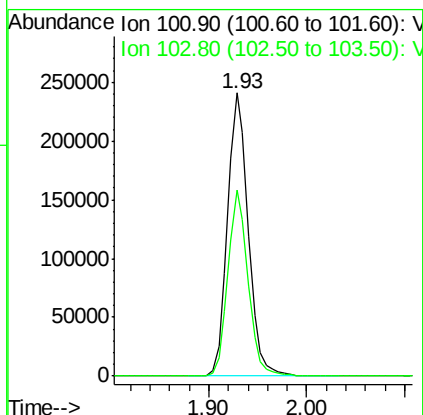
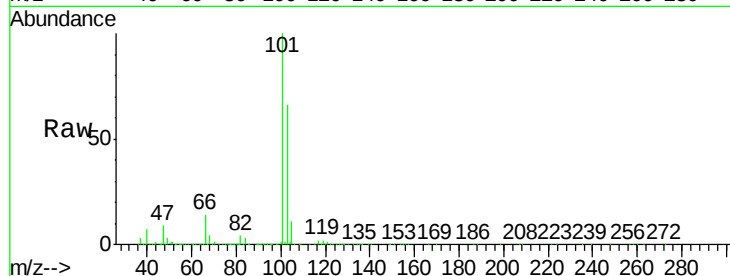


#7

Trichlorofluoromethane
Concen: 49.703 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

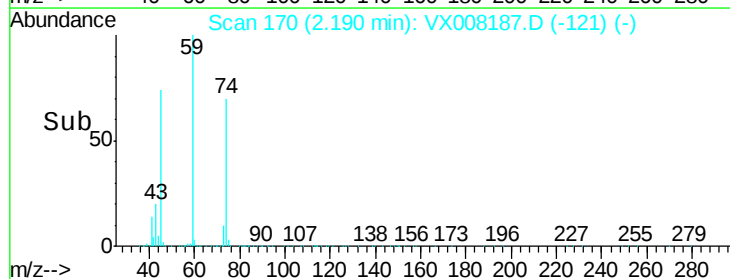
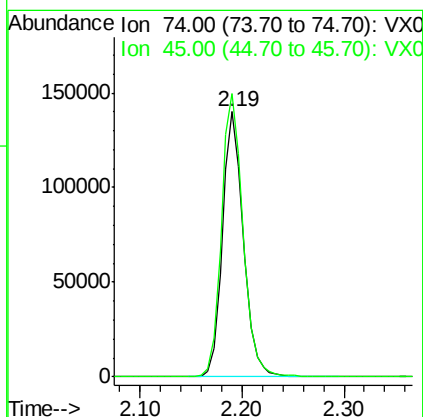
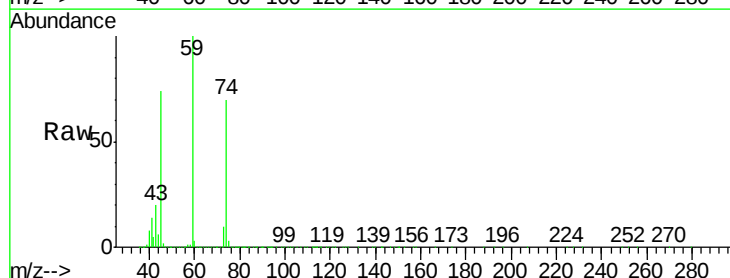
Tot Ion:101 Resp: 354309
Ion Ratio Lower Upper
101 100
103 65.6 50.4 75.6

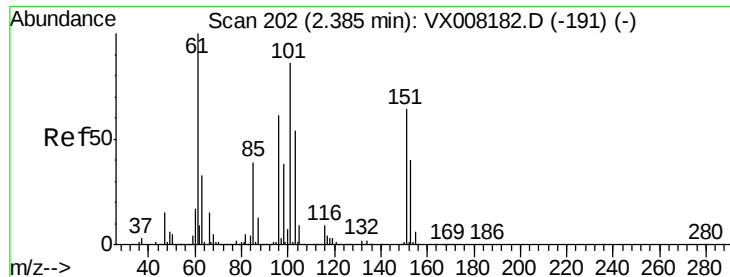


#8

Diethyl Ether
Concen: 54.164 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 74 Resp: 198653
Ion Ratio Lower Upper
74 100
45 109.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.173 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

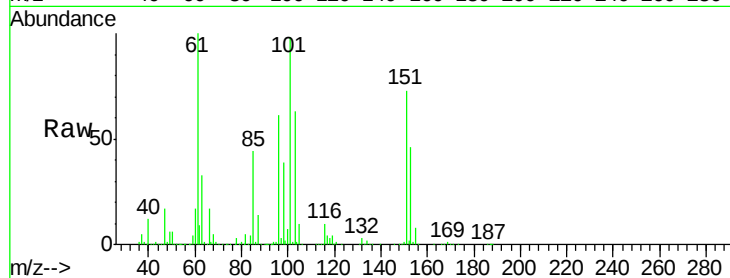
Tot Ion:101 Resp: 261131

Ion Ratio Lower Upper

101 100

85 44.4 33.8 50.6

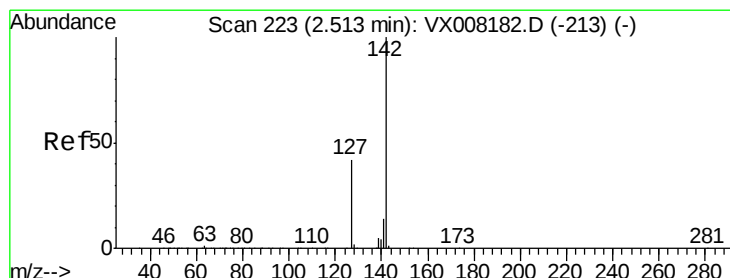
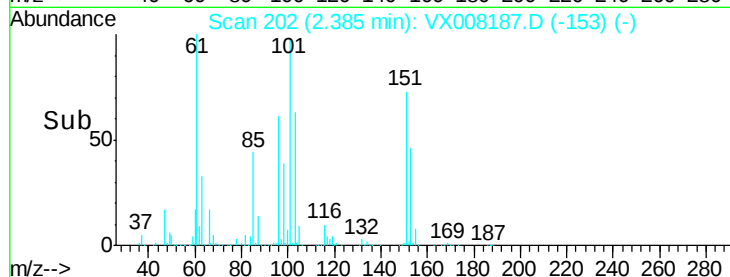
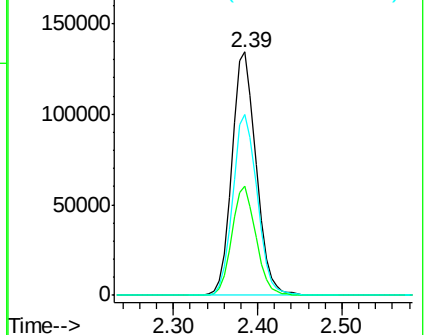
151 75.2 69.1 103.7



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: 54.139 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

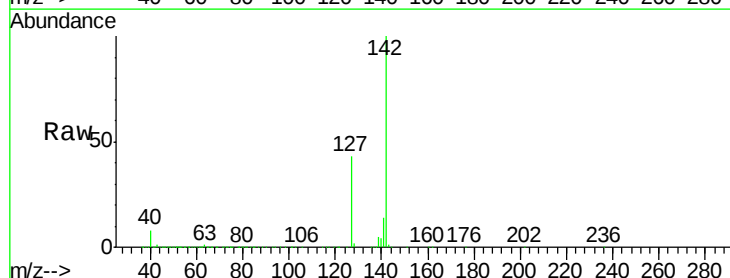
Tgt Ion:142 Resp: 326259

Ion Ratio Lower Upper

142 100

127 42.4 32.1 48.1

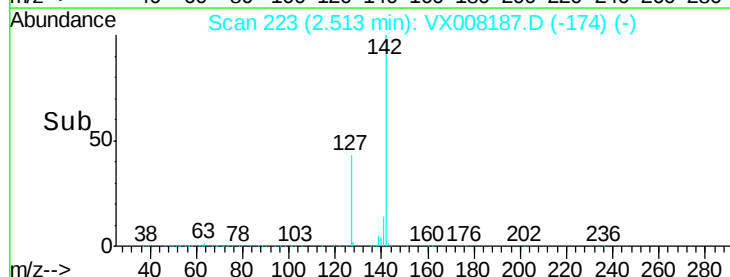
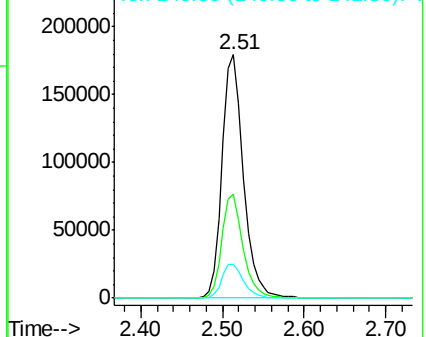
141 14.3 11.4 17.2

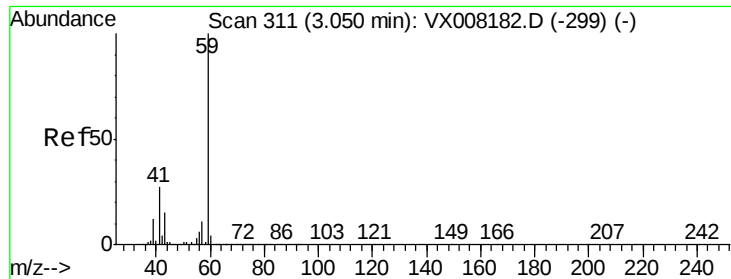


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



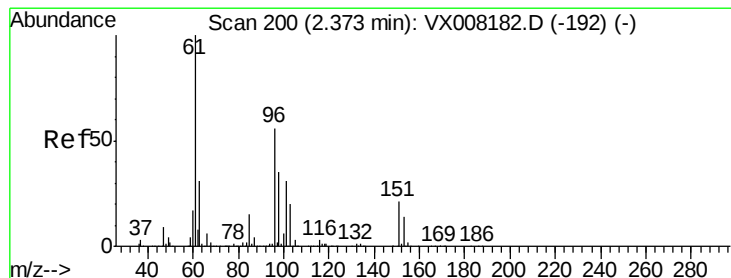
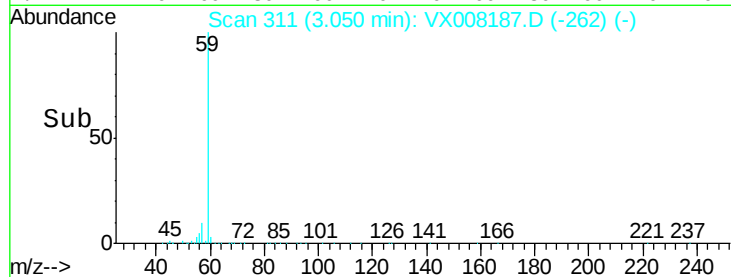
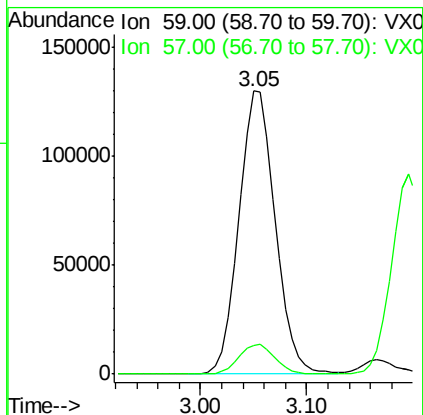
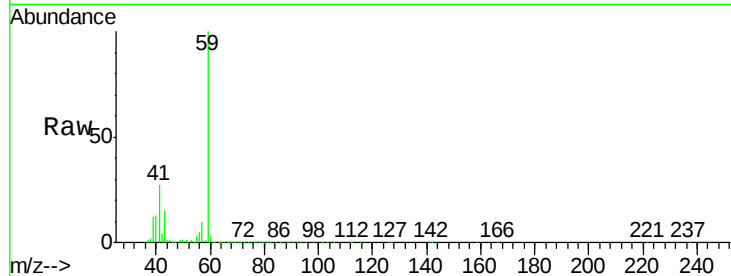


#11

Tert butyl alcohol
Concen: 262.122 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

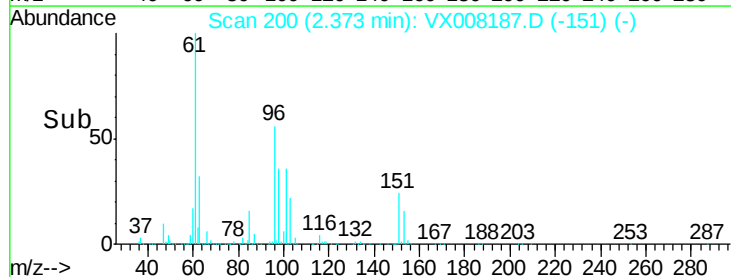
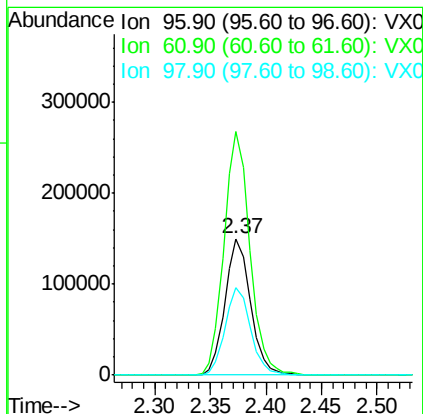
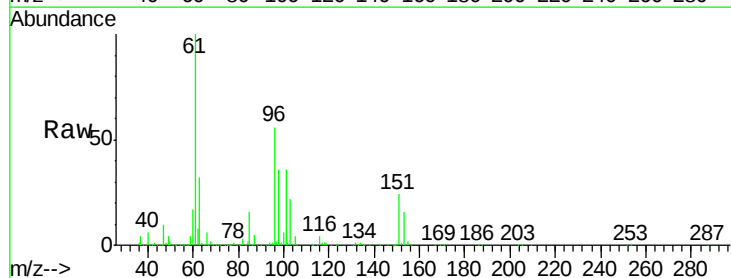
Tot Ion: 59 Resp: 311224
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

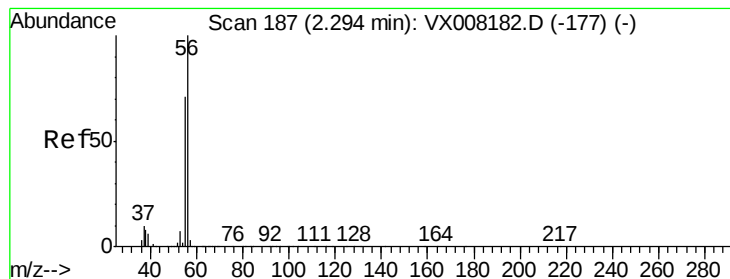


#12

1,1-Dichloroethene
Concen: 53.653 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 96 Resp: 239737
Ion Ratio Lower Upper
96 100
61 178.6 129.8 194.6
98 64.5 51.0 76.6





#13

Acrolein

Concen: 265.164 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

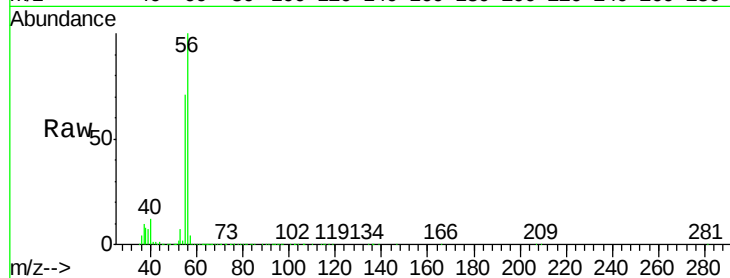
ClientSampled :

Tot Ion: 56 Resp: 221153

Ion Ratio Lower Upper

56 100

55 71.3 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

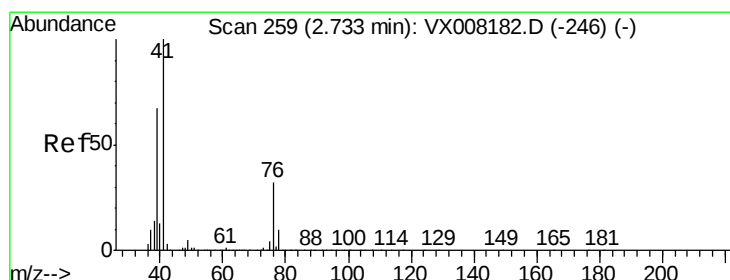
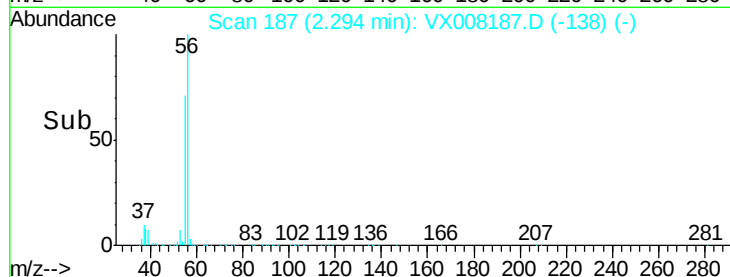
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 54.748 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

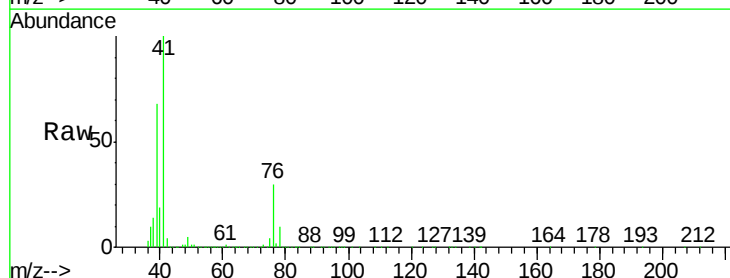
Tgt Ion: 41 Resp: 532523

Ion Ratio Lower Upper

41 100

39 65.6 46.1 69.1

76 29.6 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

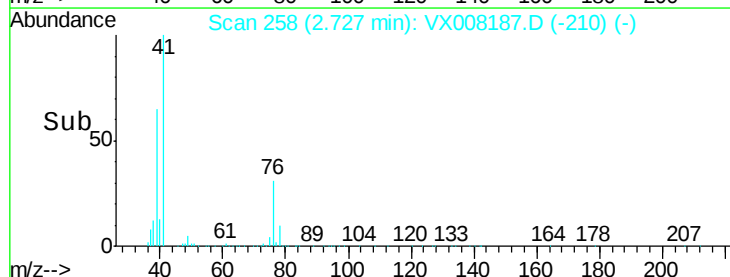
300000

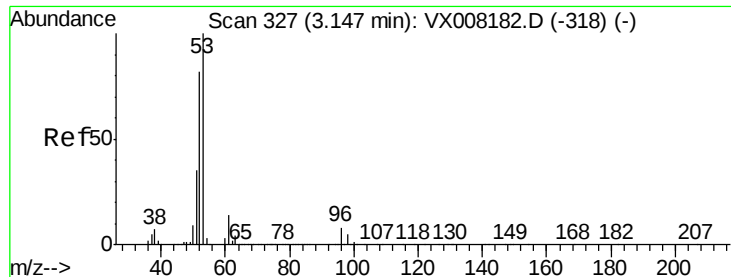
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 263.956 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

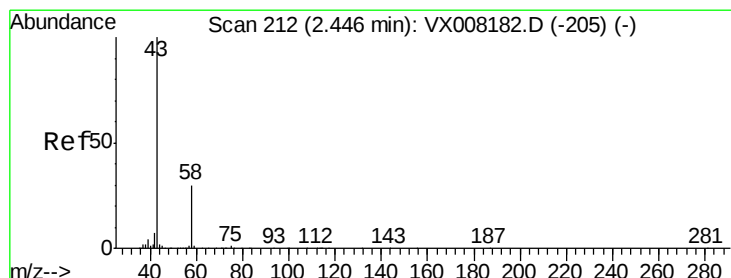
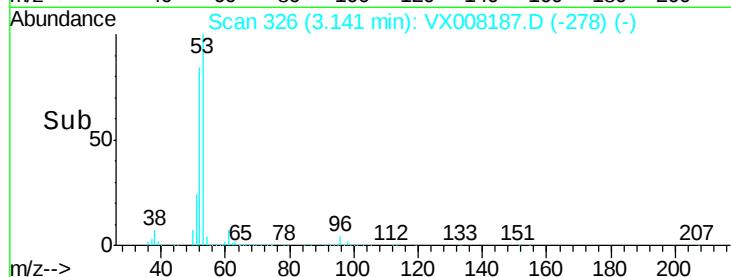
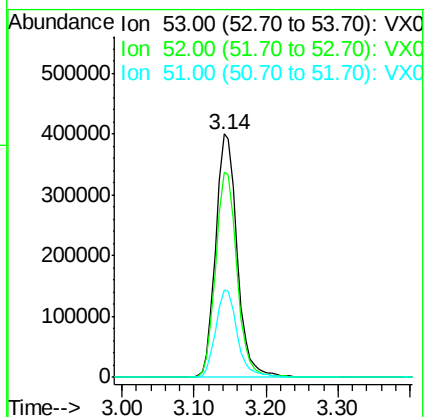
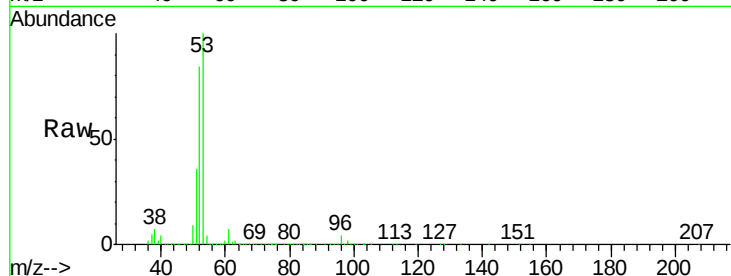
Tot Ion: 53 Resp: 828954

Ion Ratio Lower Upper

53 100

52 83.5 66.0 99.0

51 36.1 28.0 42.0



#16

Acetone

Concen: 270.938 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008187.D

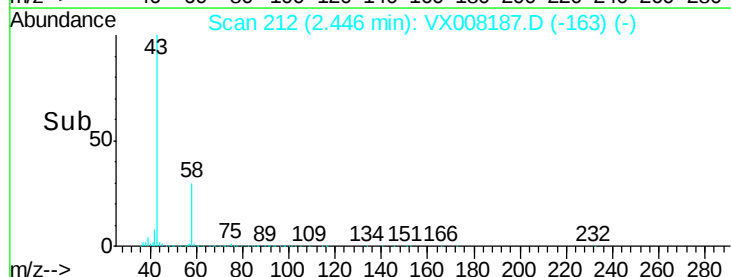
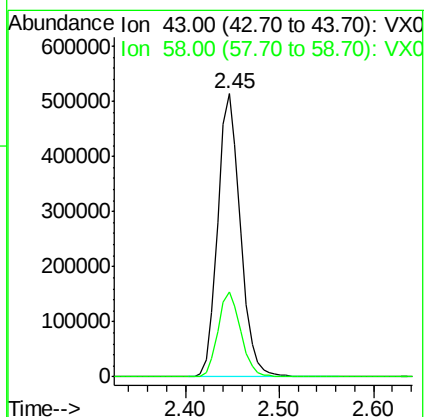
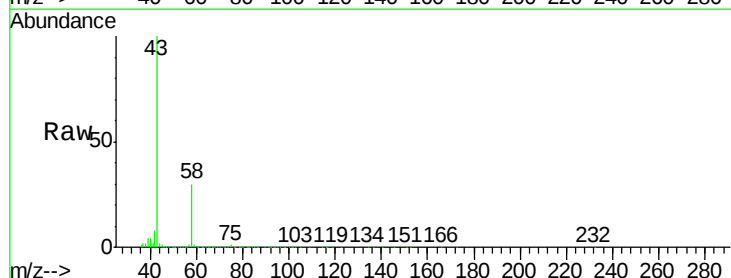
Acq: 19 Mar 2019 13:16

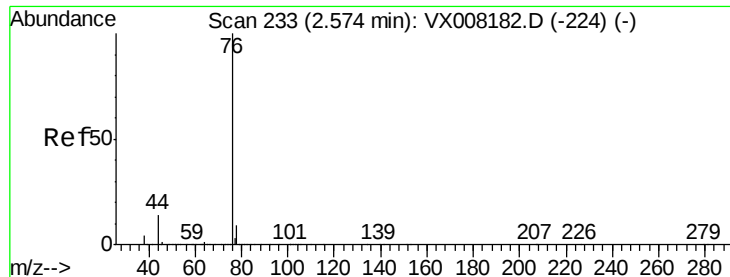
Tgt Ion: 43 Resp: 852283

Ion Ratio Lower Upper

43 100

58 30.2 25.5 38.3

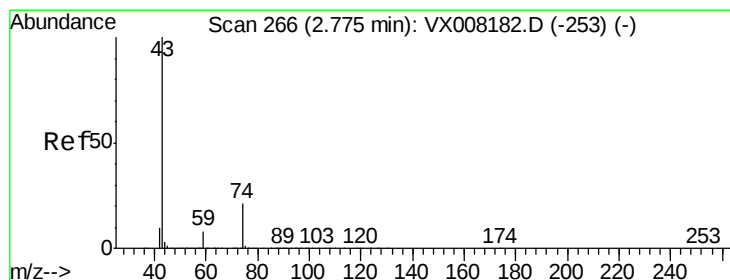
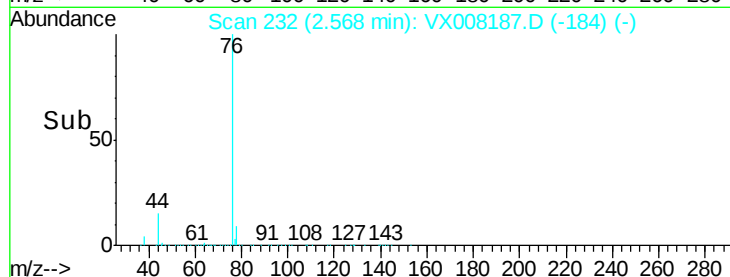
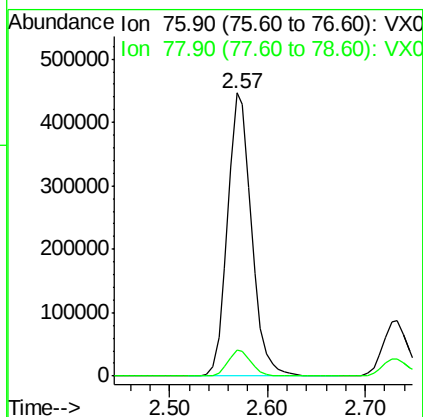
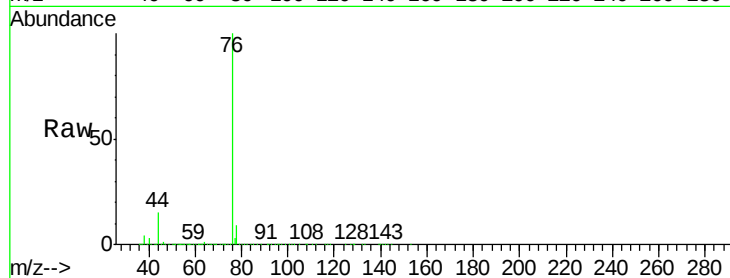




#17
Carbon Disulfide
Concen: 52.001 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

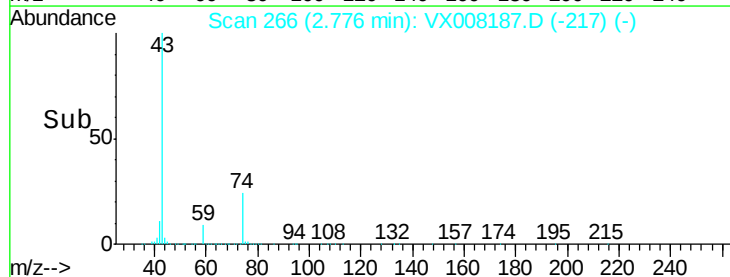
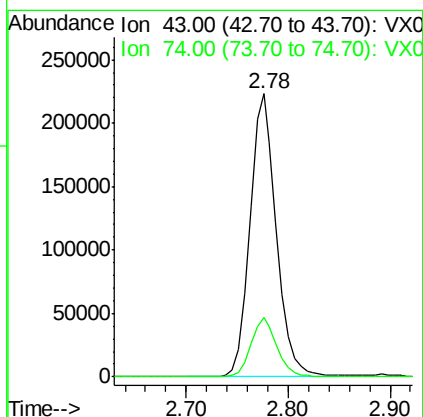
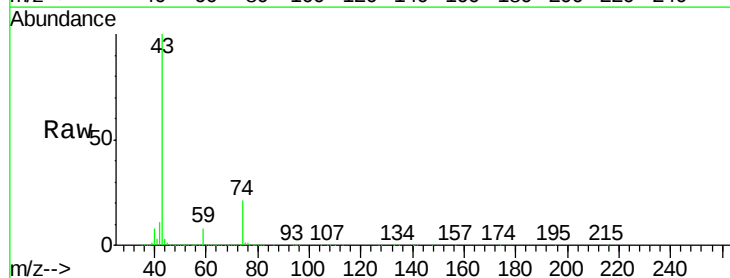
Instrument :
MSVOA_X
ClientSampleId :

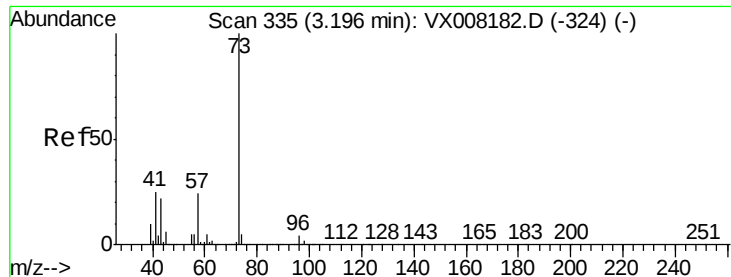
Tot Ion: 76 Resp: 758846
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 54.798 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 43 Resp: 399066
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6



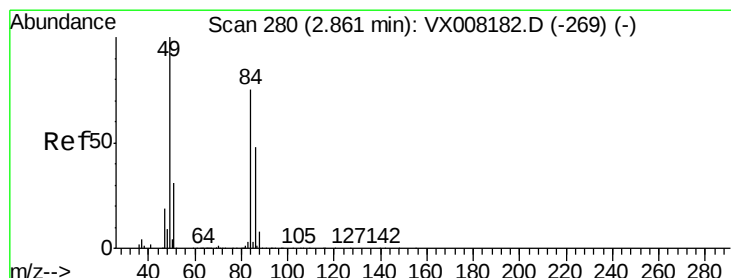
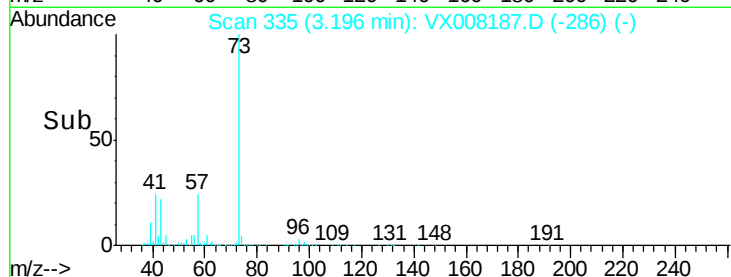
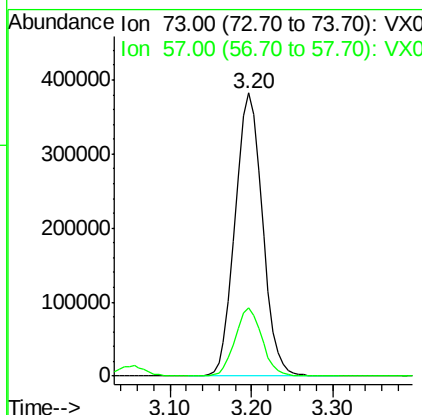
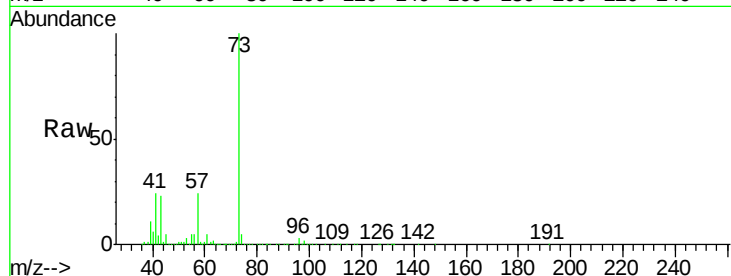


#19

Methyl tert-butyl Ether
 Concen: 54.733 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

Instrument :
 MSVOA_X
 ClientSampled :

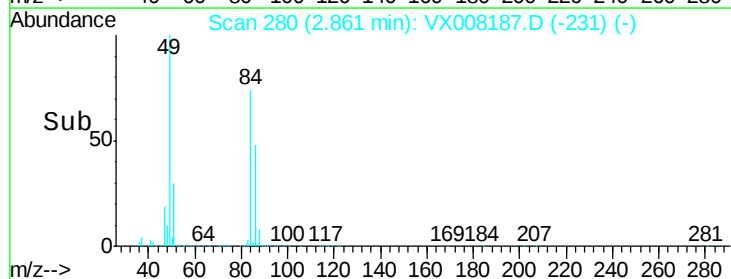
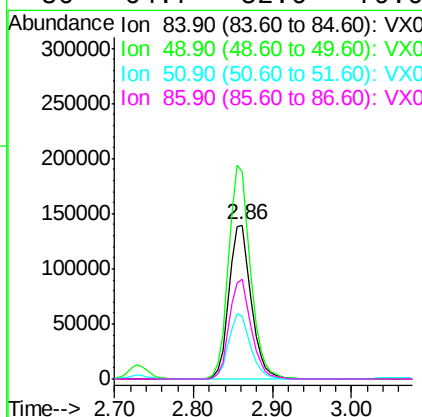
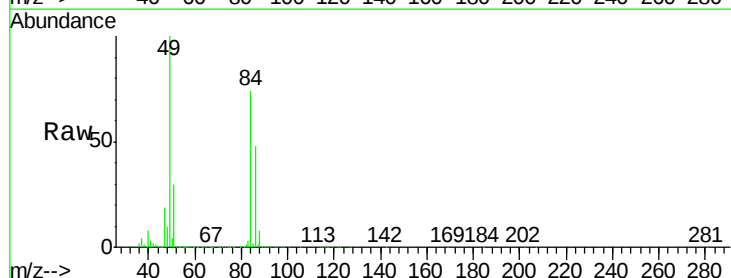
Tot Ion: 73 Resp: 884271
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.2 27.4

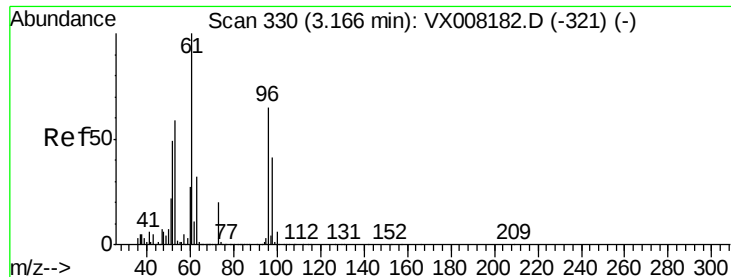


#20

Methylene Chloride
 Concen: 51.941 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

Tgt Ion: 84 Resp: 272453
 Ion Ratio Lower Upper
 84 100
 49 134.4 99.3 148.9
 51 40.6 31.3 46.9
 86 64.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 53.034 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

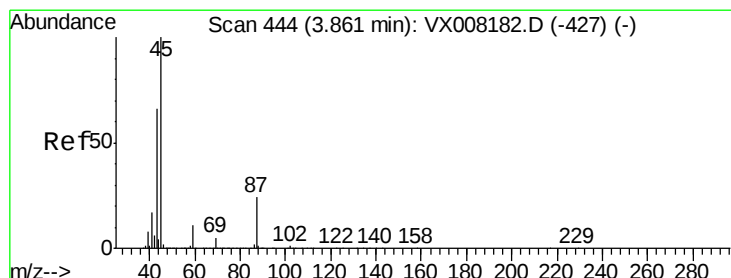
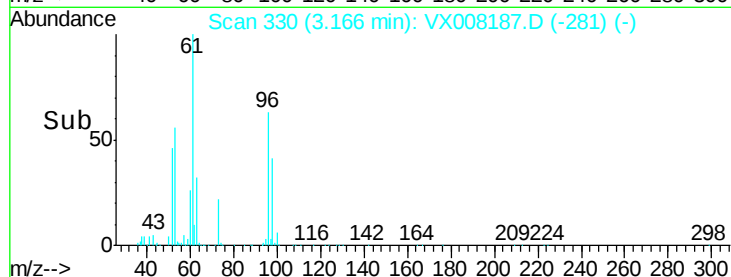
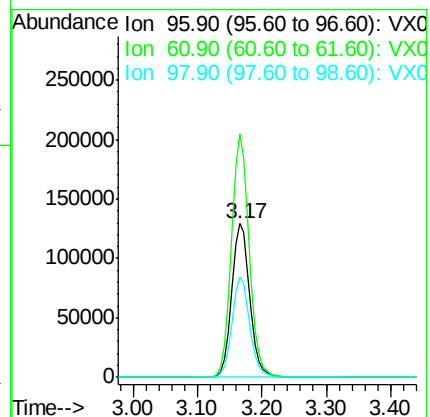
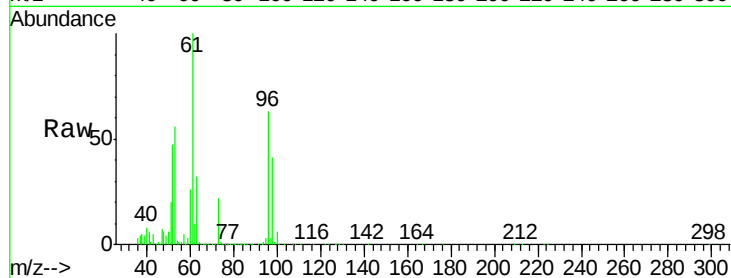
Tot Ion: 96 Resp: 256004

Ion Ratio Lower Upper

96 100

61 158.5 114.4 171.6

98 64.8 51.1 76.7



#22

Diisopropyl ether

Concen: 54.521 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Tgt Ion: 45 Resp: 1038643

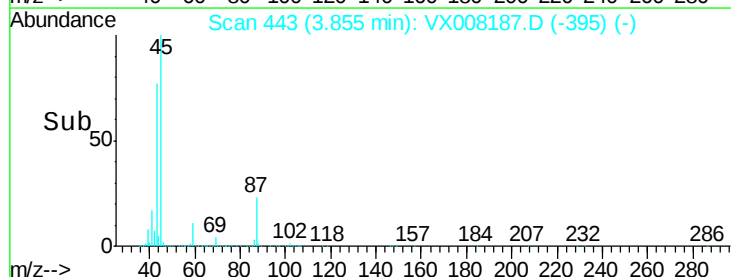
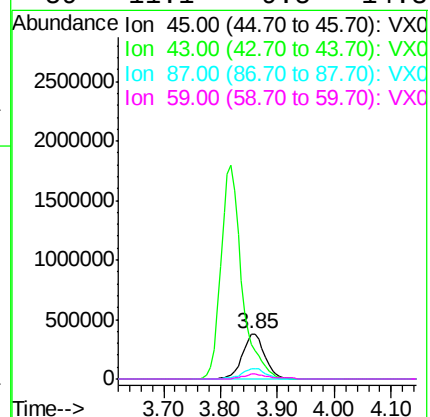
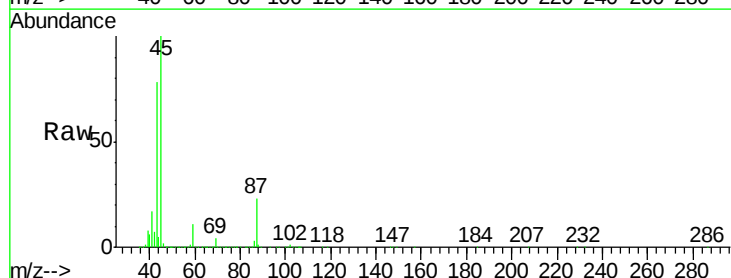
Ion Ratio Lower Upper

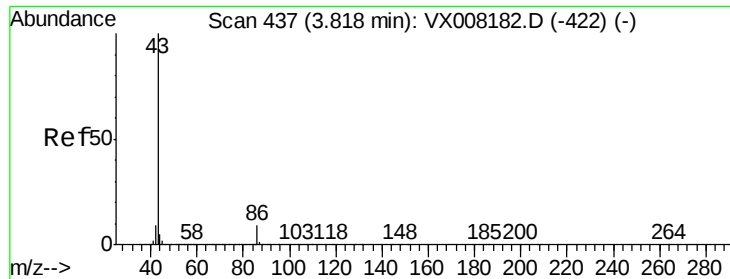
45 100

43 77.5 45.3 67.9#

87 23.2 21.4 32.0

59 11.1 9.5 14.3





#23

Vinyl Acetate

Concen: 280.424 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

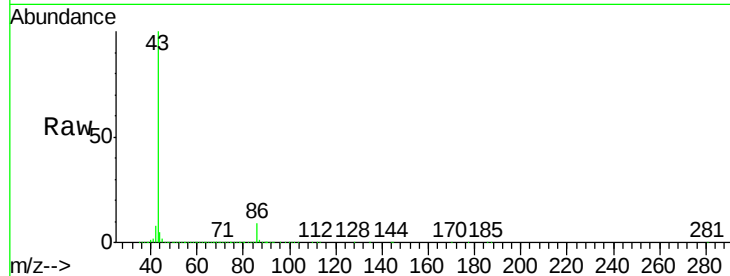
ClientSampleId :

Tot Ion: 43 Resp: 4580074

Ion Ratio Lower Upper

43 100

86 9.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

2000000

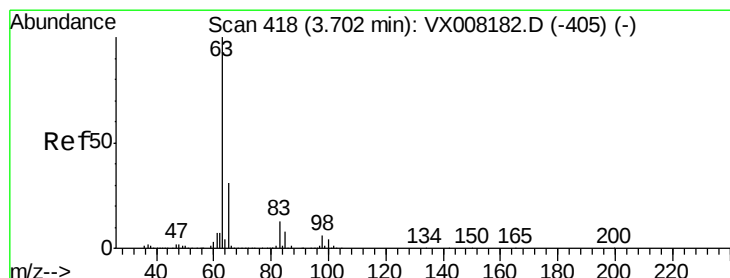
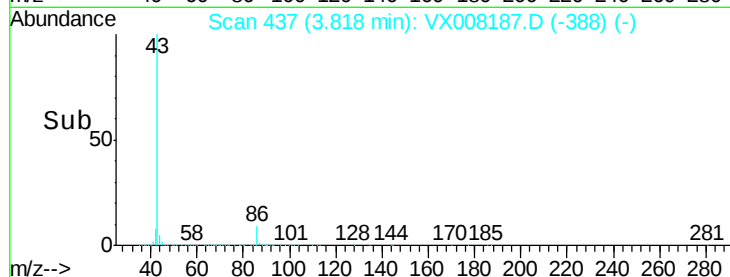
1500000

1000000

500000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 53.517 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

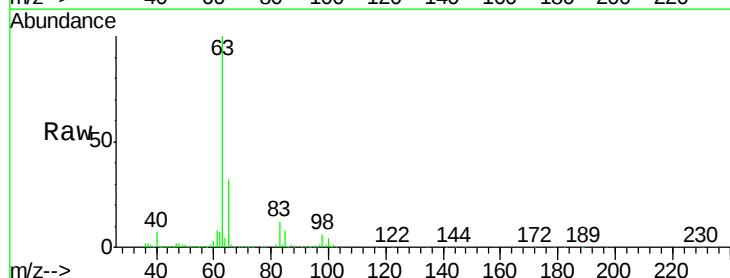
Tgt Ion: 63 Resp: 524355

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.8 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

300000

250000

200000

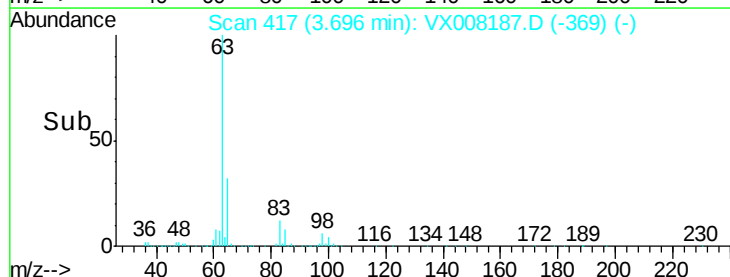
150000

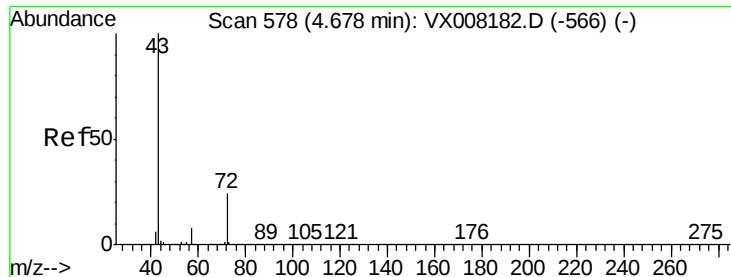
100000

50000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 272.152 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

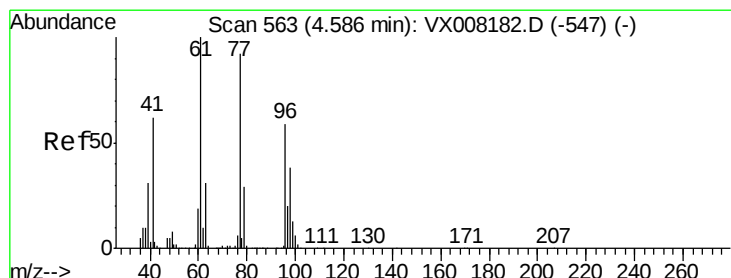
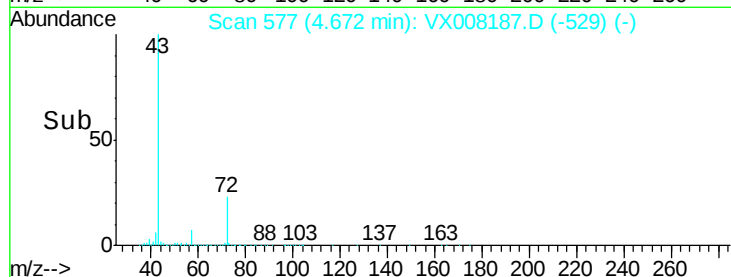
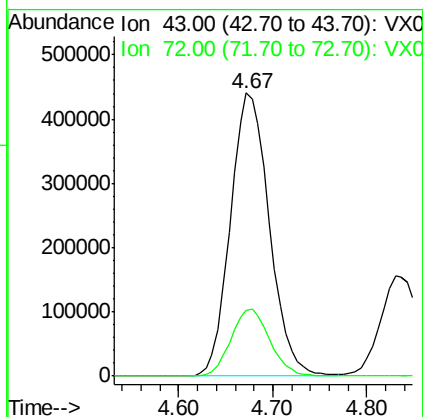
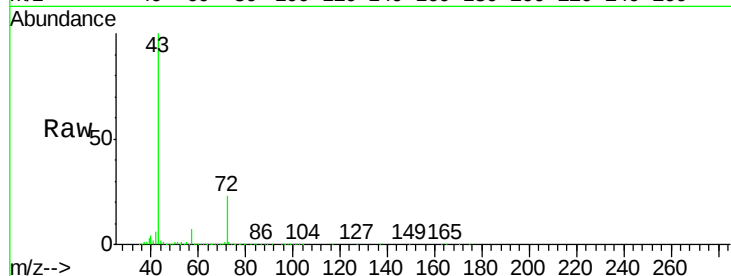
ClientSampled :

Tot Ion: 43 Resp: 1263723

Ion Ratio Lower Upper

43 100

72 23.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 56.127 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008187.D

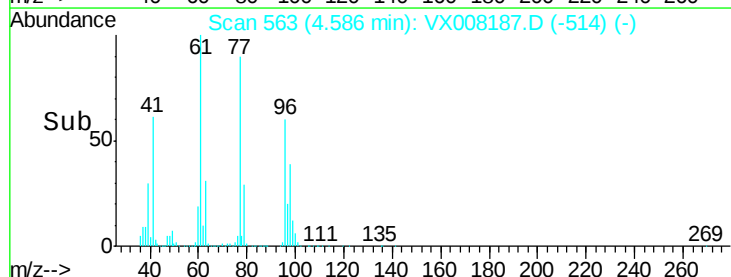
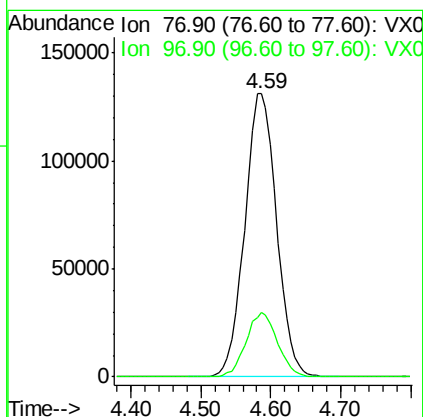
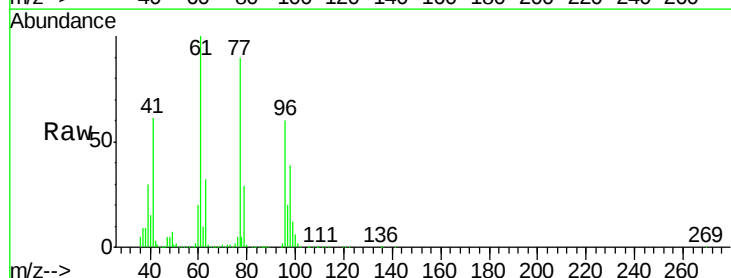
Acq: 19 Mar 2019 13:16

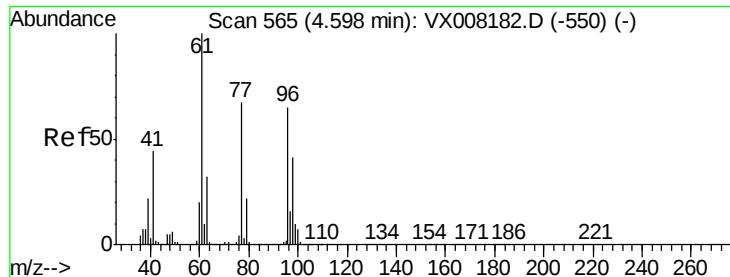
Tgt Ion: 77 Resp: 414276

Ion Ratio Lower Upper

77 100

97 22.4 12.2 36.6



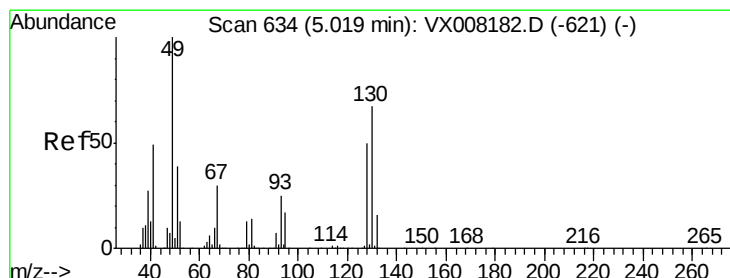
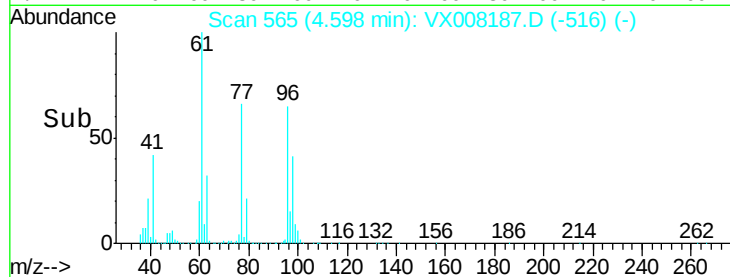
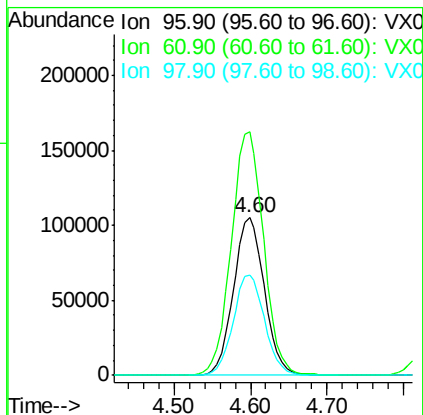
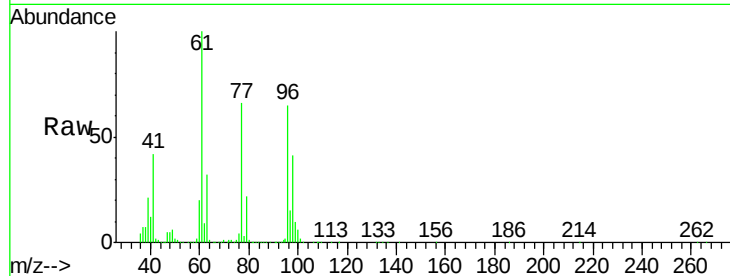


#27

cis-1,2-Dichloroethene
Concen: 53.498 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

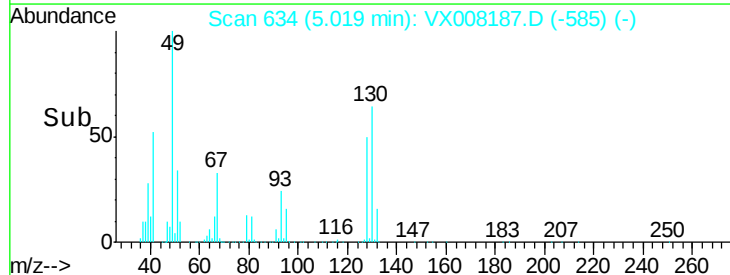
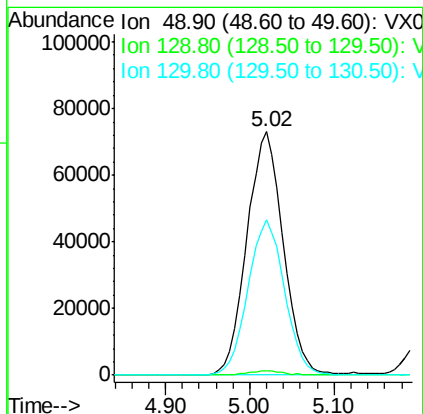
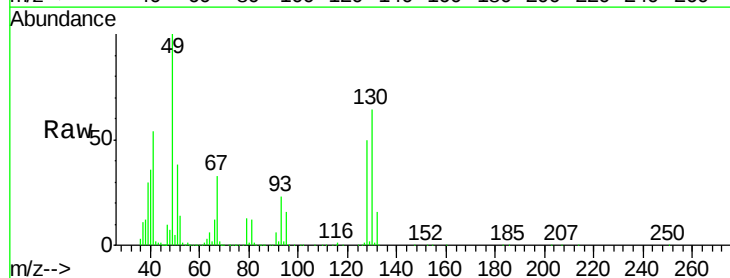
Tot Ion	96	Resp	294394
Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	288.0
98	64.7	0.0	129.0

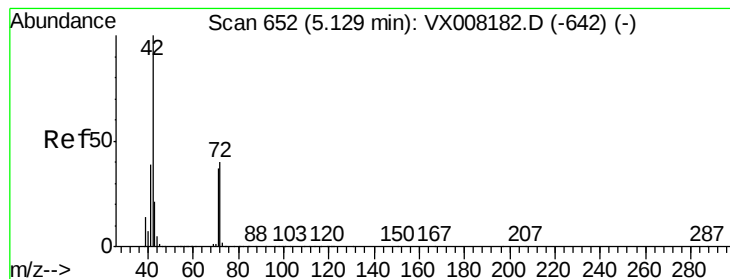


#28

Bromochloromethane
Concen: 48.770 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion	49	Resp	214570
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	64.2	65.0	97.4#





#29

Tetrahydrofuran

Concen: 272.641 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

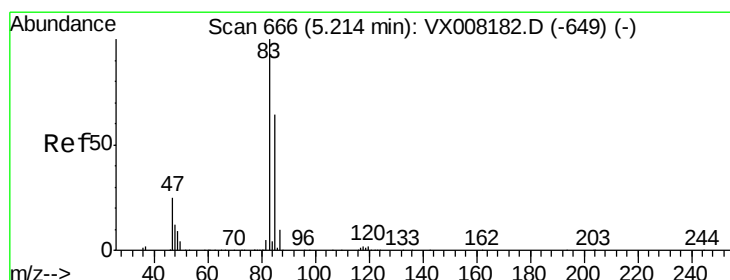
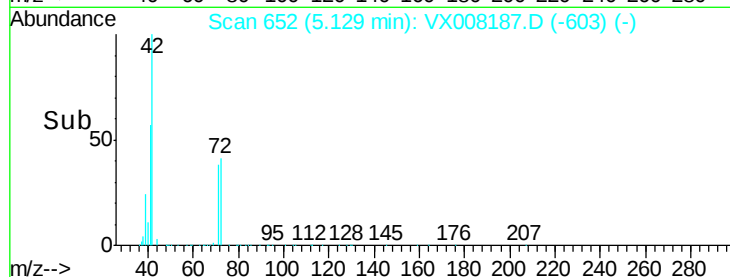
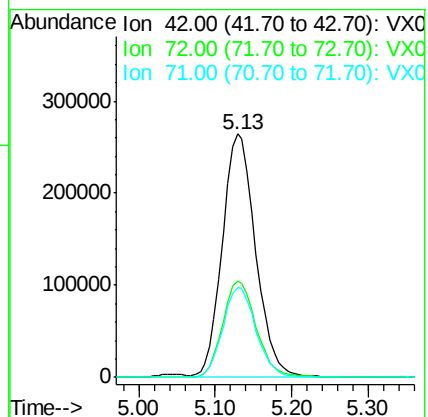
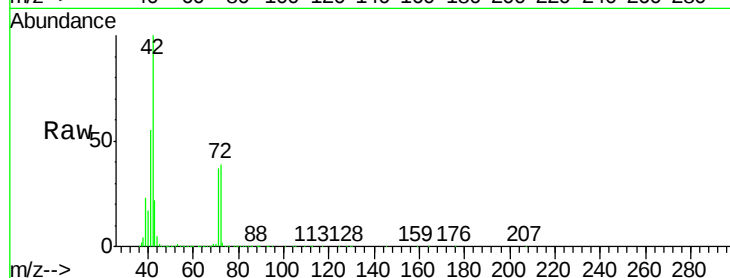
Tot Ion: 42 Resp: 791413

Ion Ratio Lower Upper

42 100

72 40.2 33.8 50.6

71 37.4 31.5 47.3



#30

Chloroform

Concen: 53.556 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008187.D

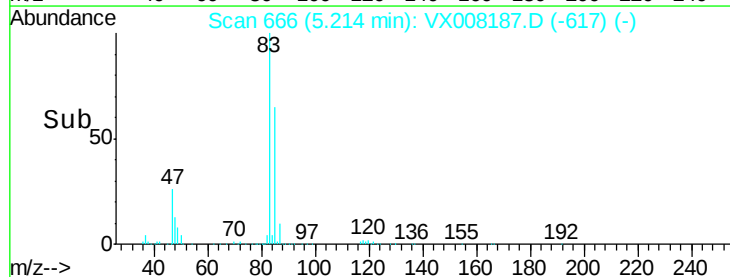
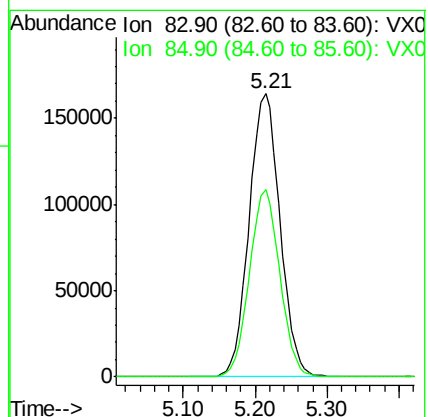
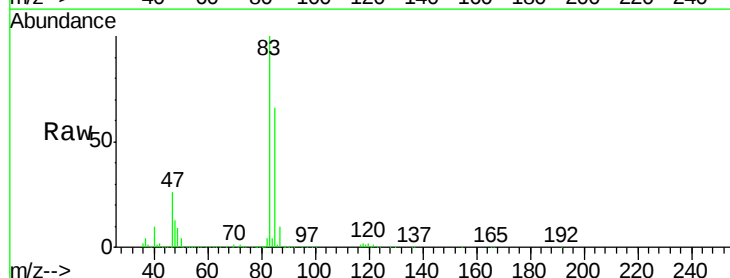
Acq: 19 Mar 2019 13:16

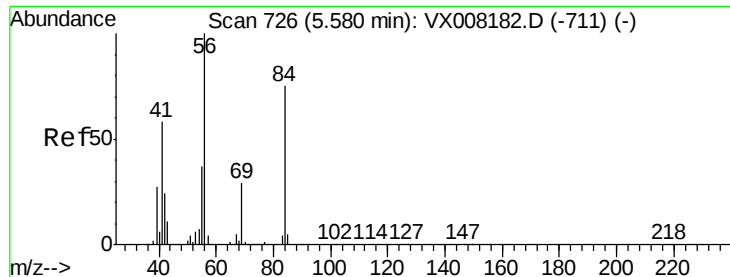
Tgt Ion: 83 Resp: 490845

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

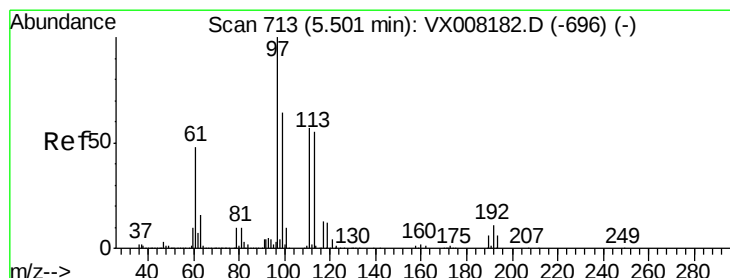
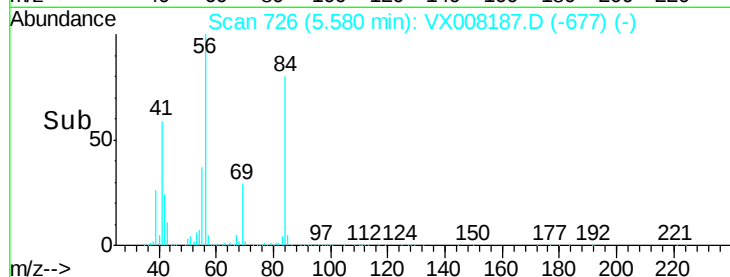
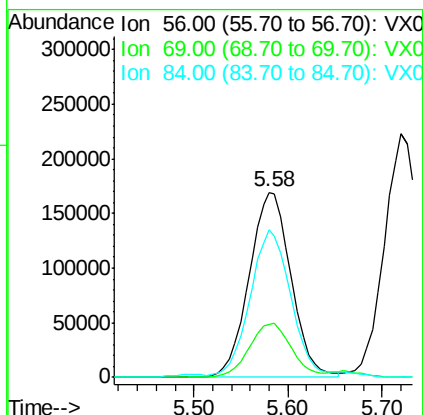
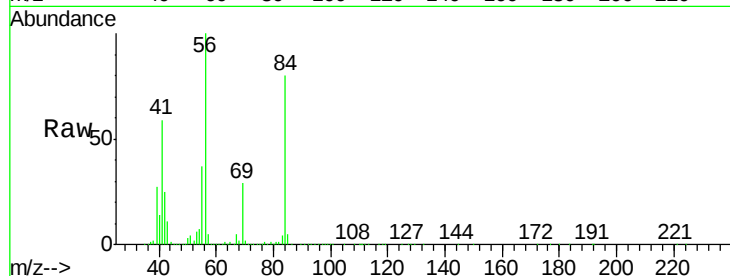




#31
Cyclohexane
Concen: 56.964 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

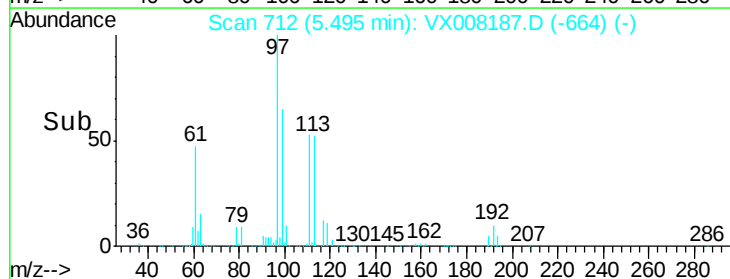
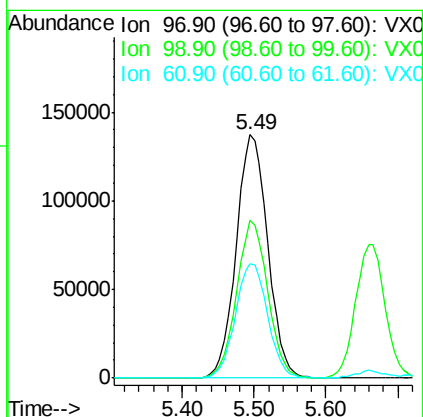
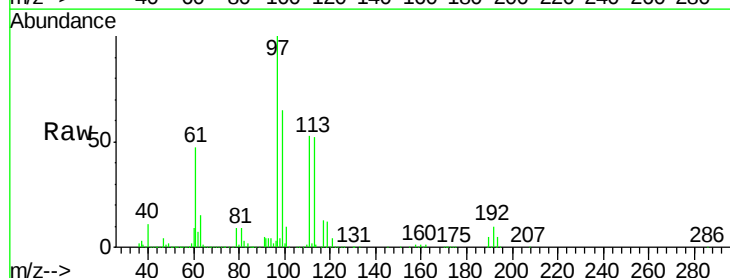
Instrument :
MSVOA_X
ClientSampleId :

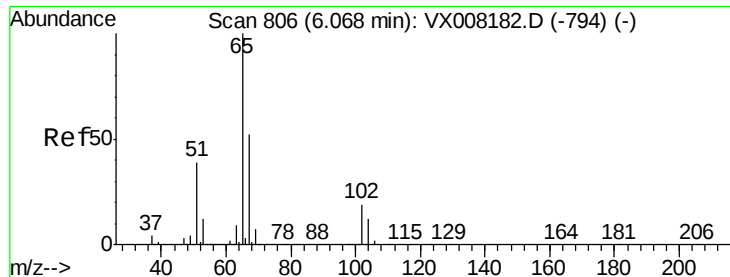
Tot Ion: 56 Resp: 524107
Ion Ratio Lower Upper
56 100
69 28.9 24.0 36.0
84 78.3 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 54.749 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 97 Resp: 417413
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 48.4 34.9 52.3

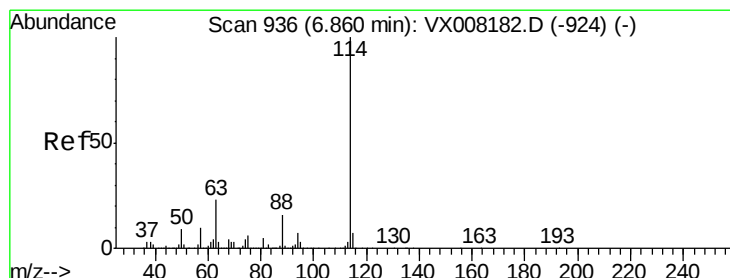
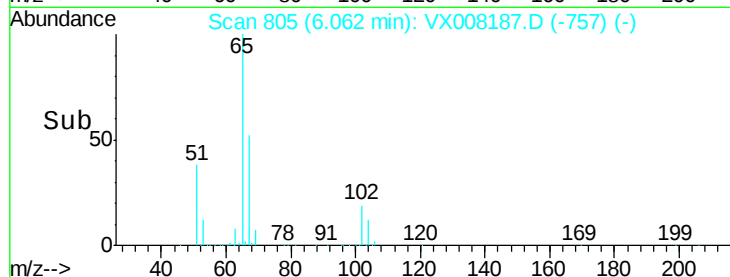
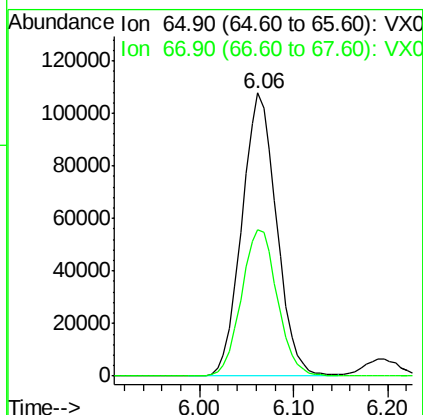
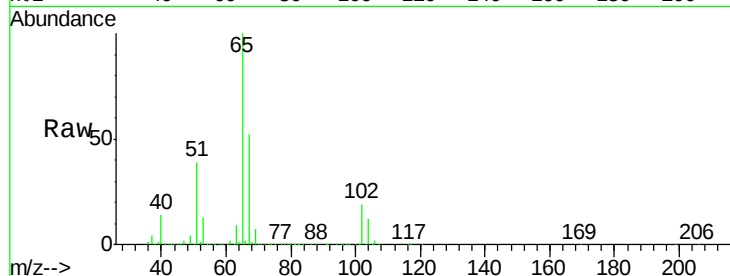




#33
 1,2-Dichloroethane-d4
 Concen: 50.260 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

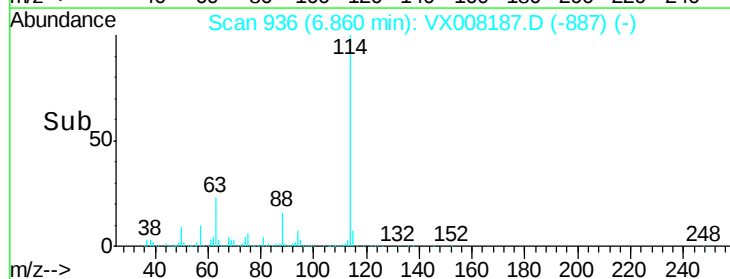
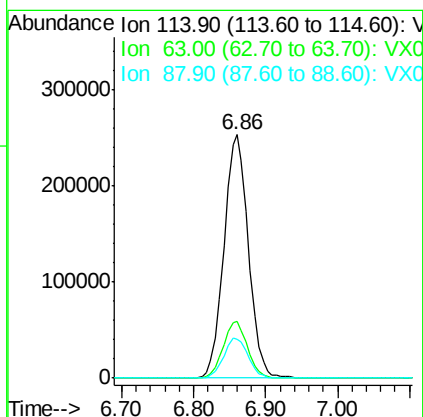
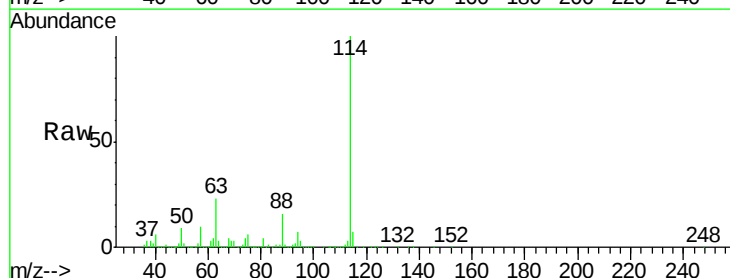
Instrument :
 MSVOA_X
 ClientSampled :

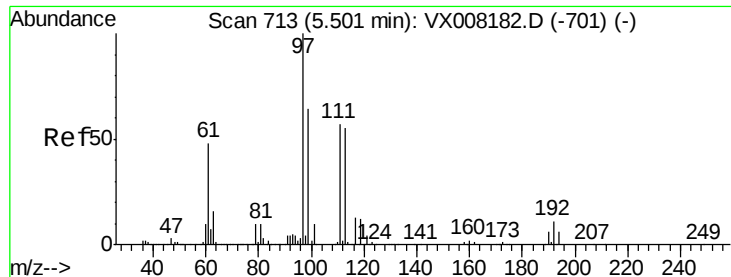
Tot Ion: 65 Resp: 278760
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

Tgt Ion:114 Resp: 597979
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 39.8
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.564 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

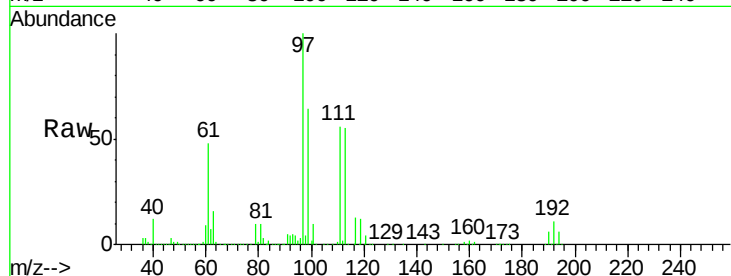
Tot Ion:113 Resp: 210416

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

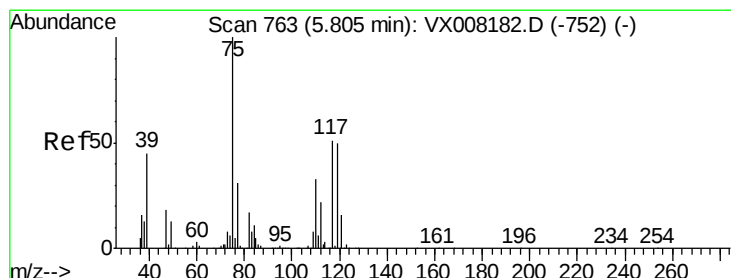
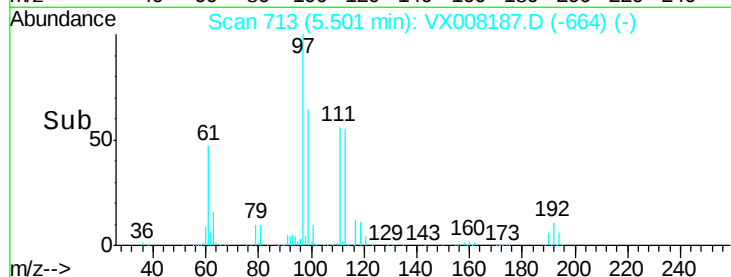
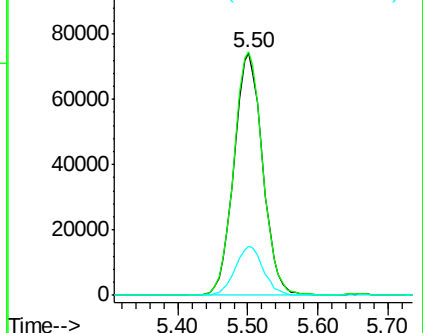
192 20.1 19.4 29.0



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: 56.679 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

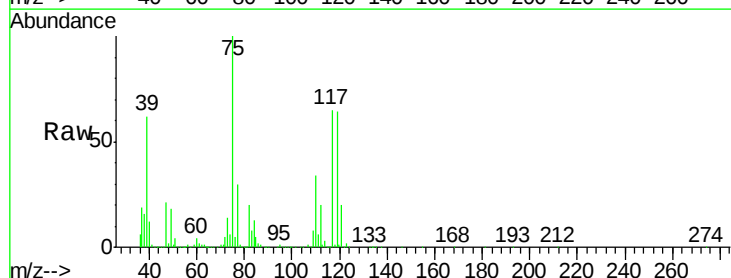
Tgt Ion: 75 Resp: 394601

Ion Ratio Lower Upper

75 100

110 33.3 18.4 55.0

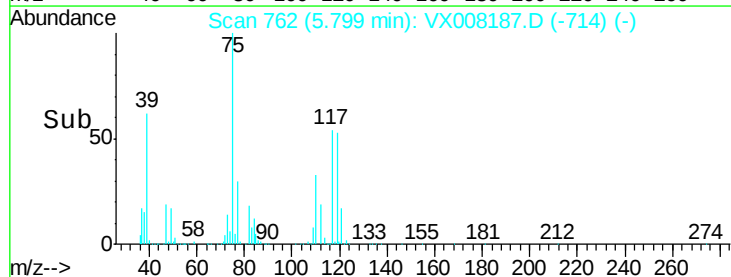
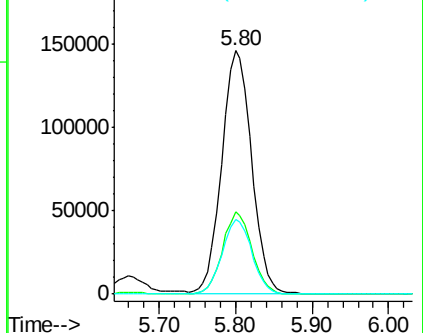
77 30.4 25.0 37.4

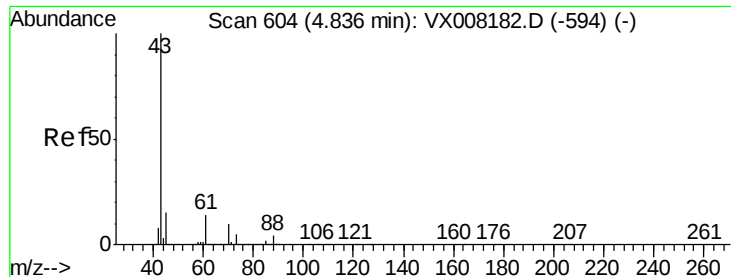


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

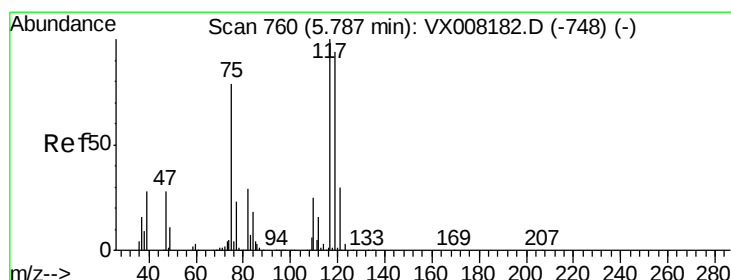
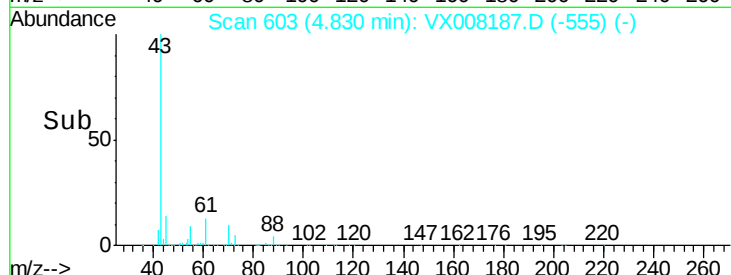
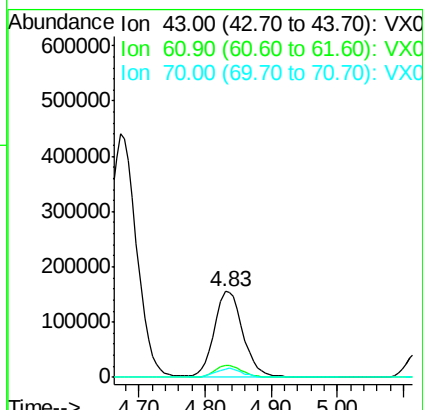
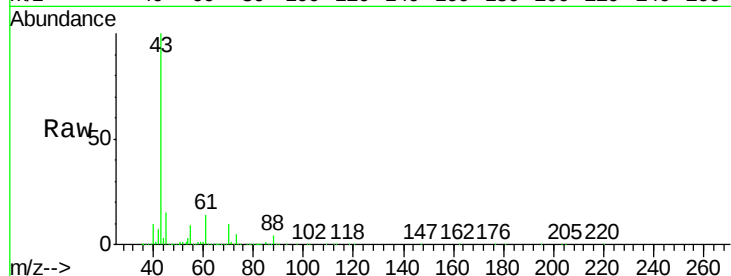




#37
Ethyl Acetate
Concen: 56.529 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

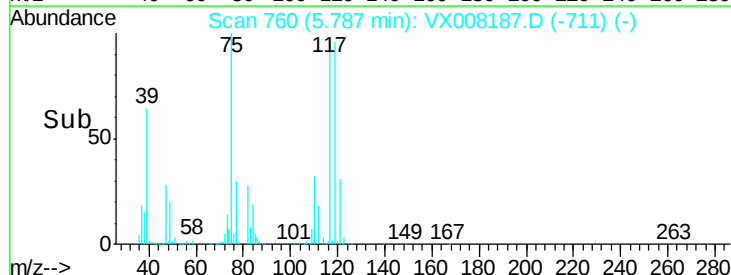
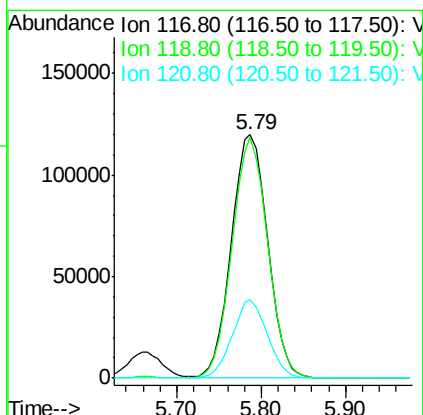
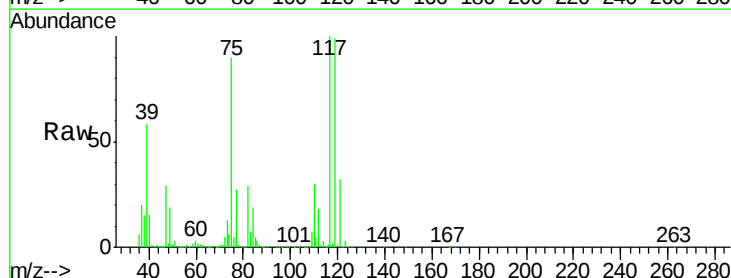
Instrument :
MSVOA_X
ClientSampled :

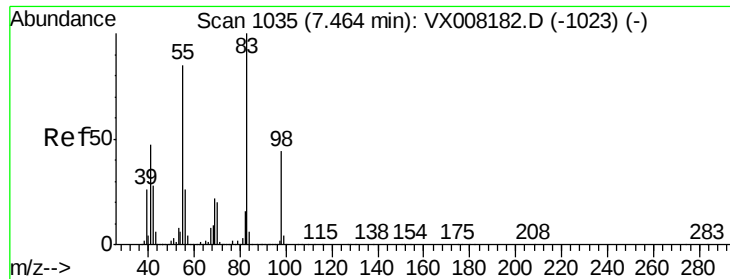
Tot Ion: 43 Resp: 465229
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 56.495 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 117 Resp: 350449
Ion Ratio Lower Upper
117 100
119 98.9 76.2 114.2
121 32.3 24.6 36.8

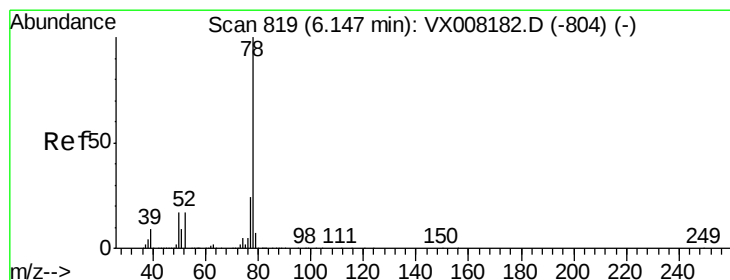
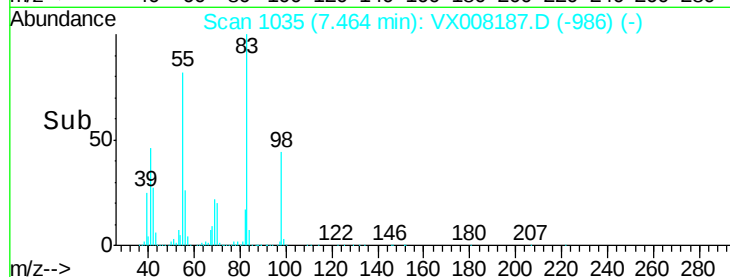
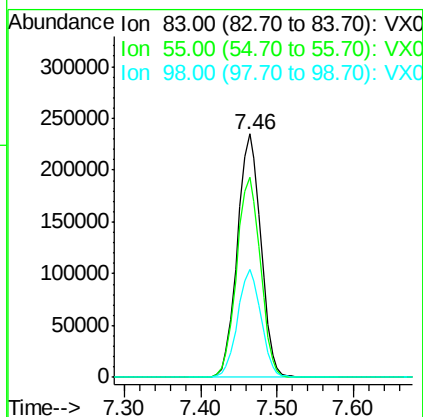
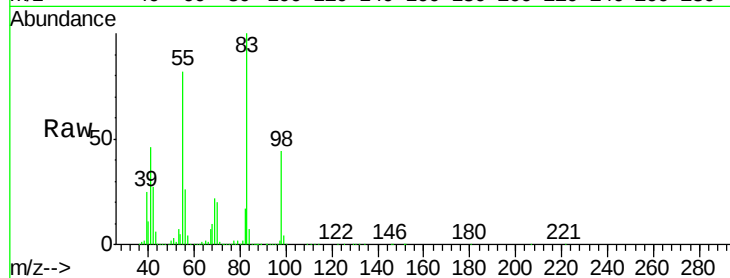




#39
Methvlcvclohexane
Concen: 59.658 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

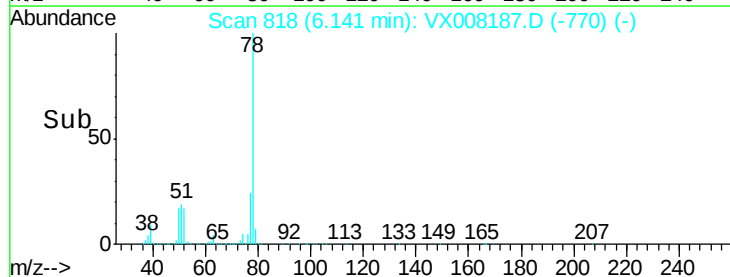
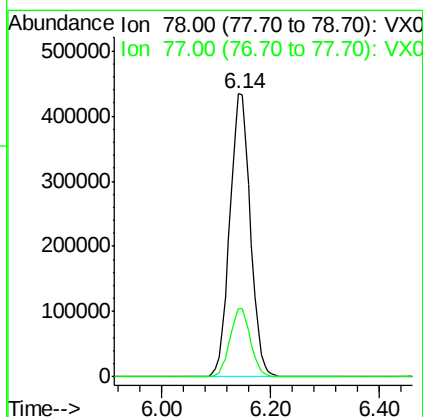
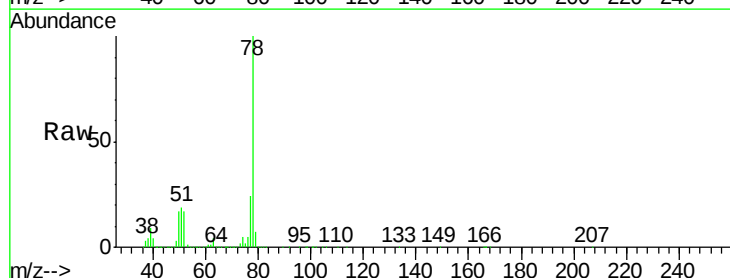
Instrument :
MSVOA_X
ClientSampled :

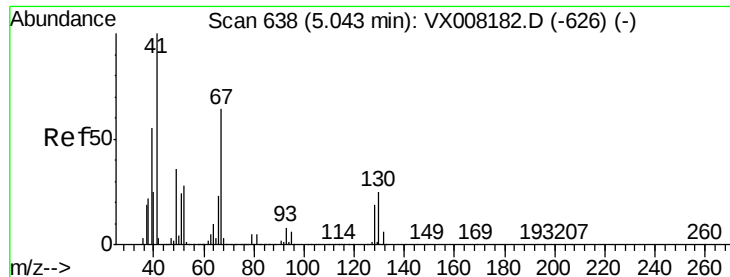
Tot Ion: 83 Resp: 499824
Ion Ratio Lower Upper
83 100
55 82.0 60.4 90.6
98 44.2 36.5 54.7



#40
Benzene
Concen: 55.743 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 78 Resp: 1148655
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





#41

Methacrylonitrile

Concen: 57.296 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 264500

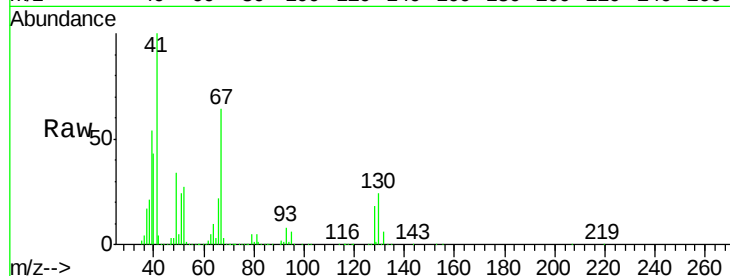
Ion Ratio Lower Upper

41 100

39 54.4 41.6 62.4

67 65.0 55.8 83.6

52 27.5 21.7 32.5

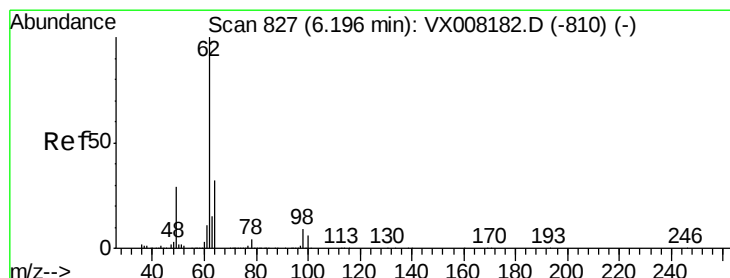
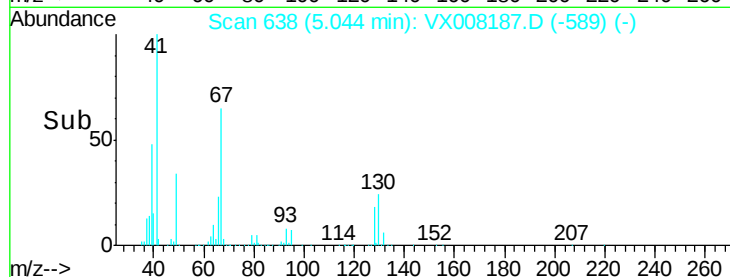
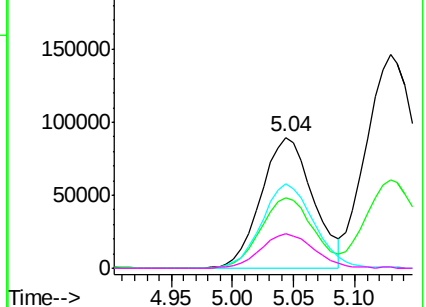


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.483 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008187.D

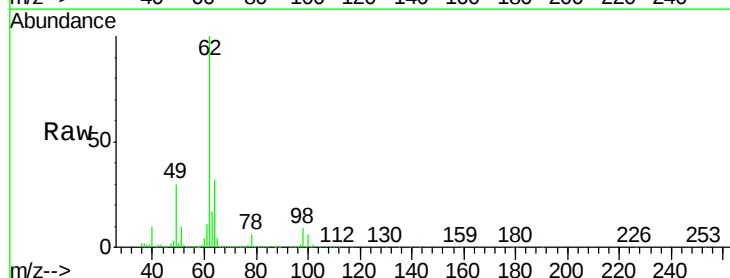
Acq: 19 Mar 2019 13:16

Tgt Ion: 62 Resp: 411271

Ion Ratio Lower Upper

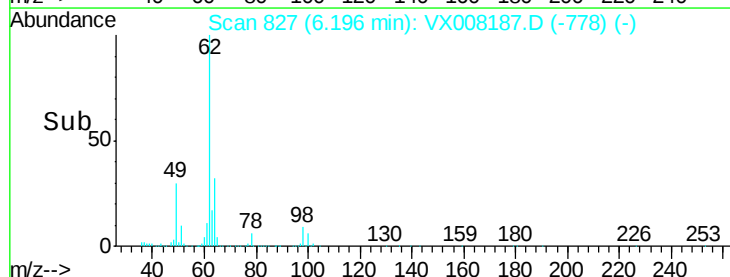
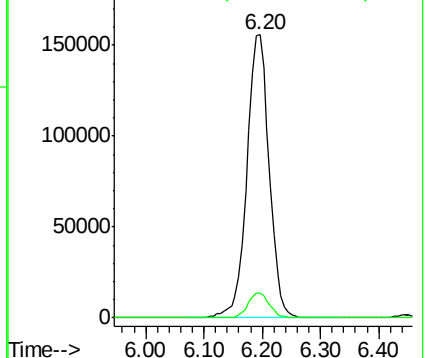
62 100

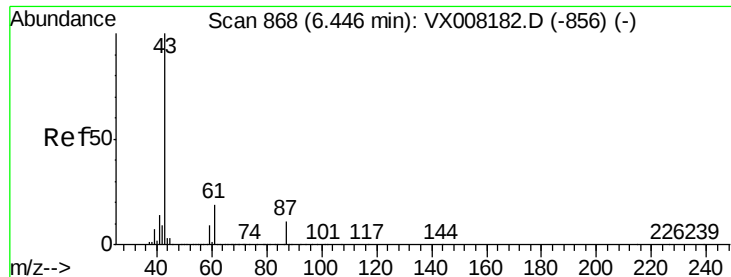
98 8.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



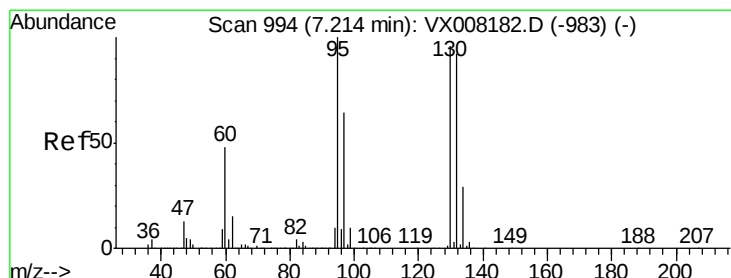
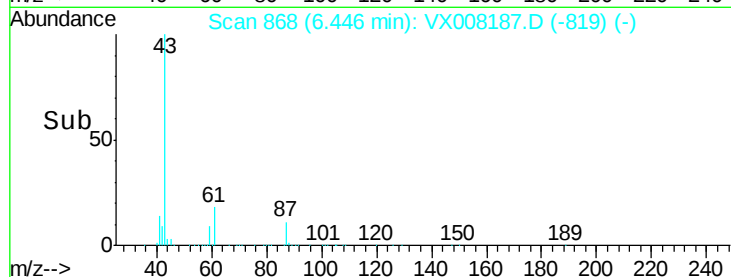
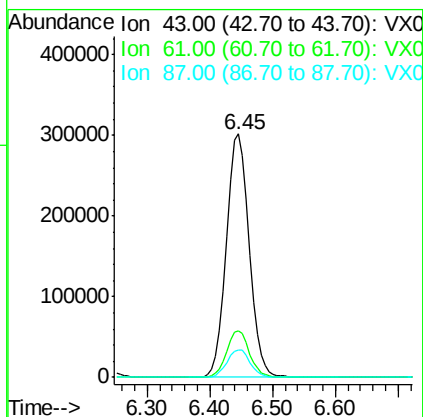
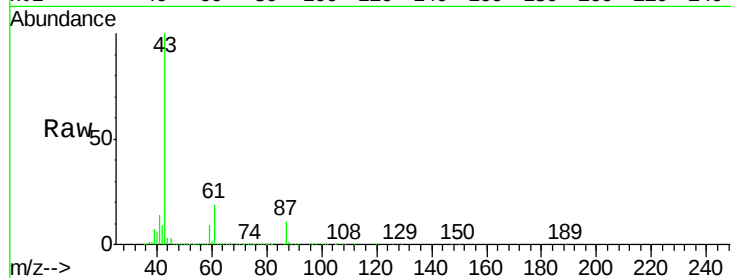


#43

Isopropyl Acetate
 Concen: 57.542 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

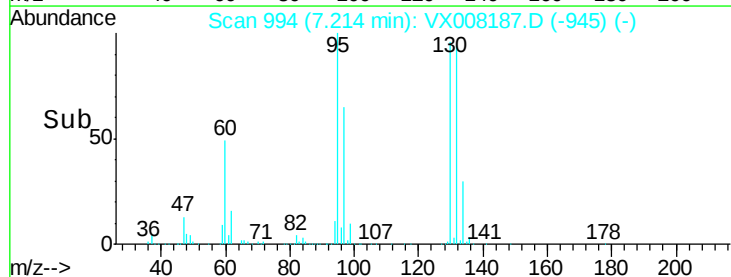
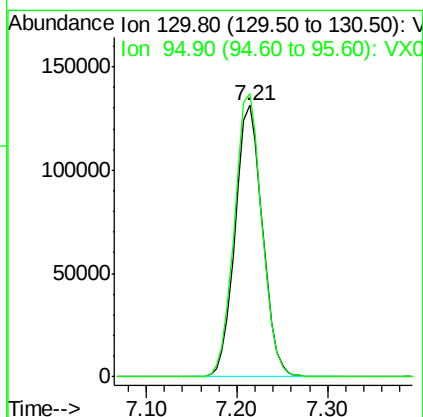
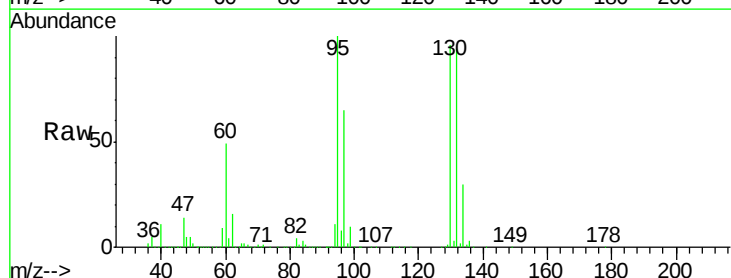
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.3	24.5
87	11.5	10.5	15.7

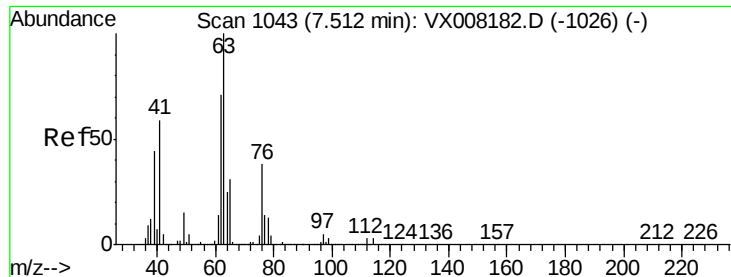


#44

Trichloroethene
 Concen: 54.673 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	188.0





#45

1,2-Dichloropropane

Concen: 55.131 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

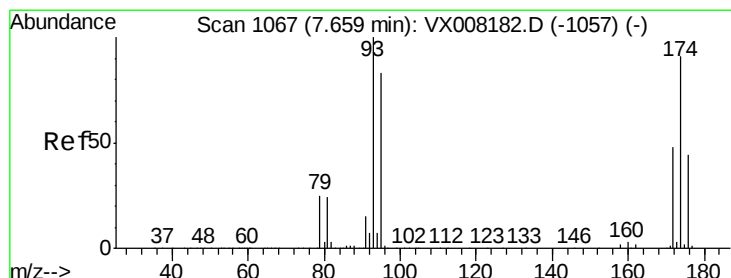
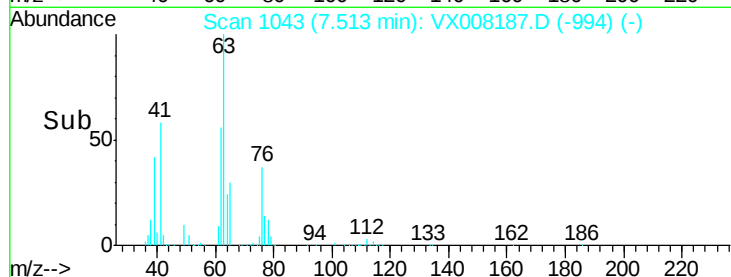
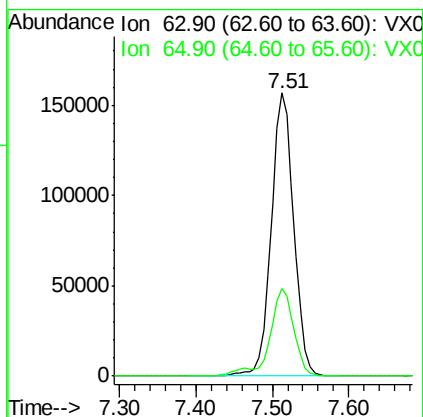
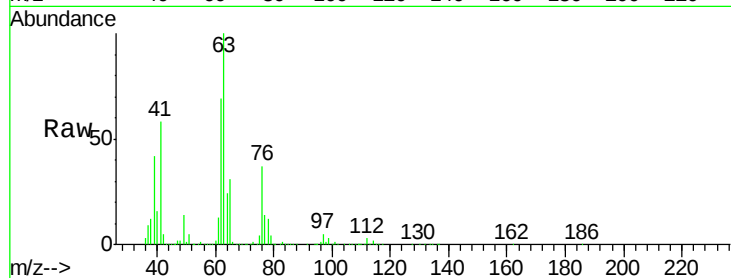
ClientSampleId :

Tot Ion: 63 Resp: 318022

Ion Ratio Lower Upper

63 100

65 31.0 24.7 37.1



#46

Dibromomethane

Concen: 54.073 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

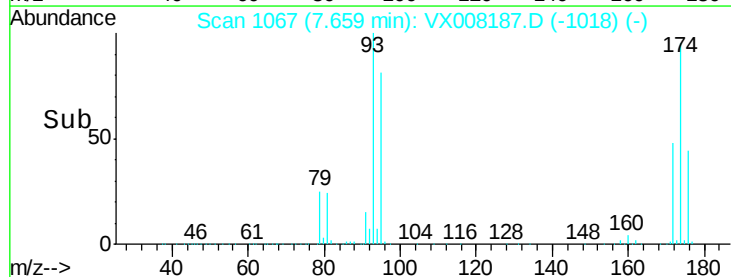
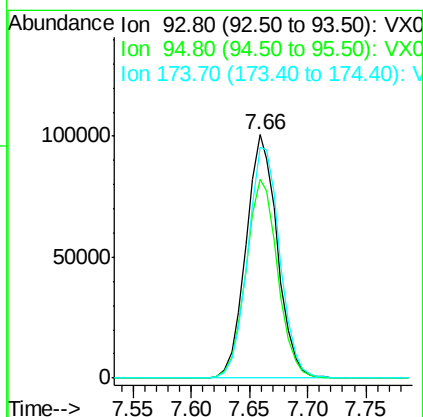
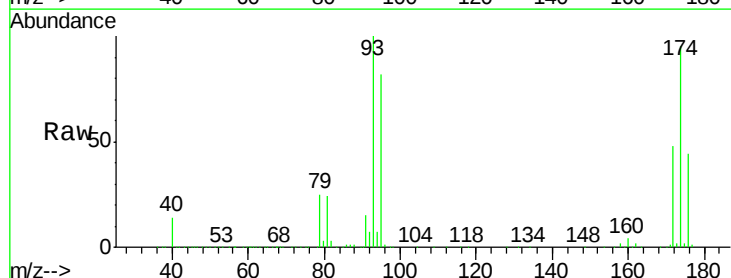
Tgt Ion: 93 Resp: 188856

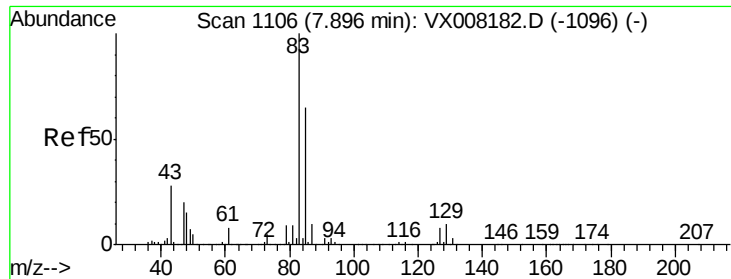
Ion Ratio Lower Upper

93 100

95 82.5 66.8 100.2

174 97.5 97.3 145.9





#47

Bromodichloromethane

Concen: 56.657 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

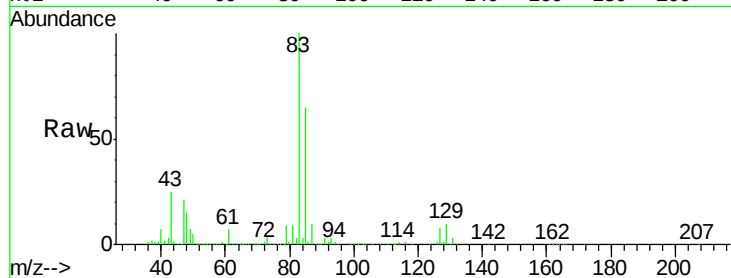
Tot Ion: 83 Resp: 377118

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3

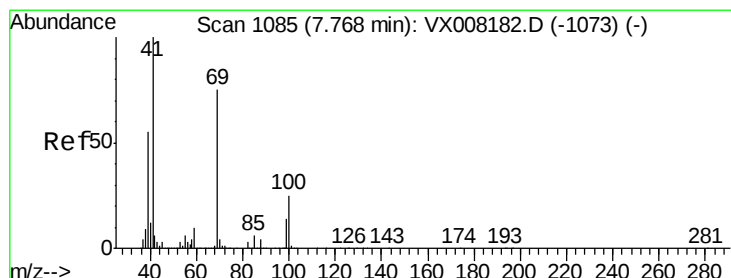
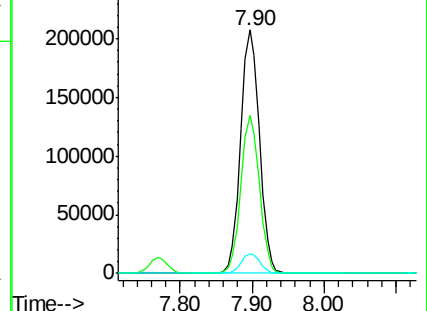
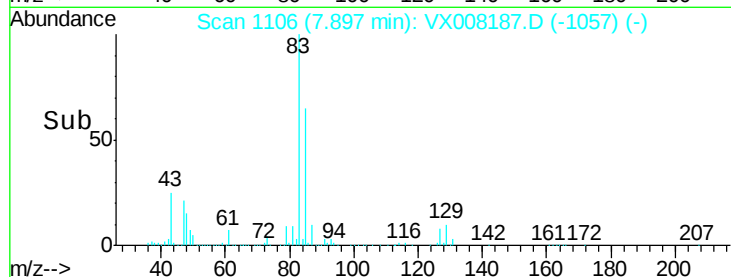
127 8.2 7.4 11.0



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: 56.758 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

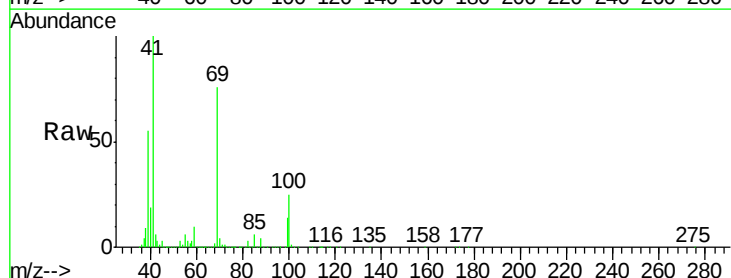
Tgt Ion: 41 Resp: 398111

Ion Ratio Lower Upper

41 100

69 75.7 65.2 97.8

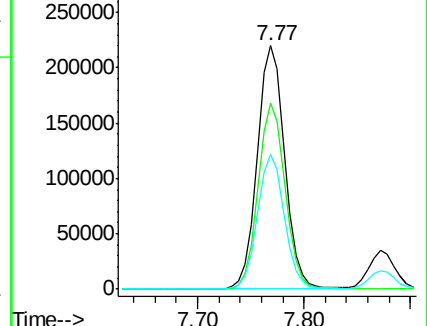
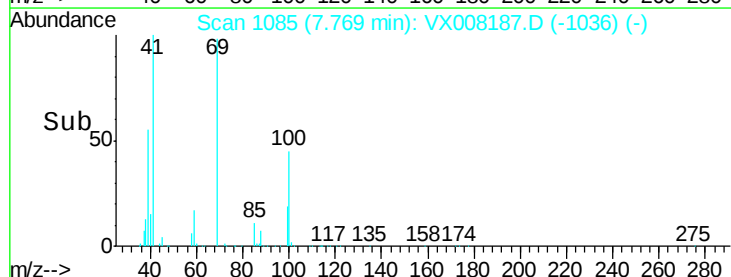
39 54.3 39.4 59.2

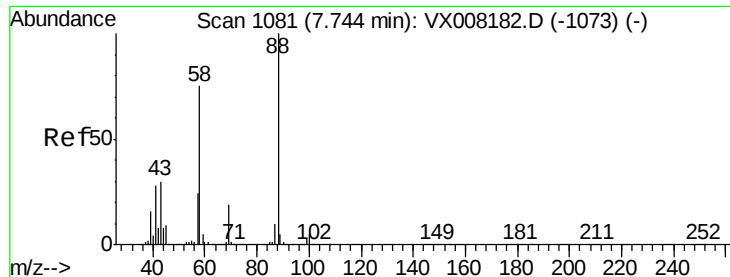


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1070.998 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

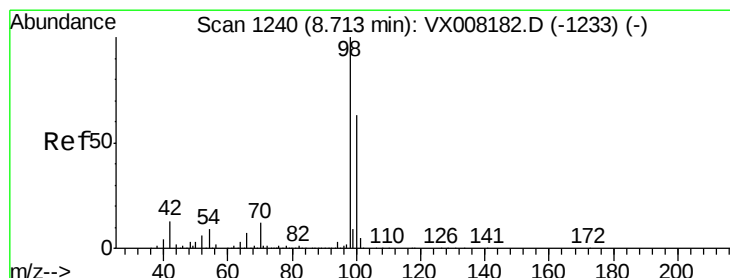
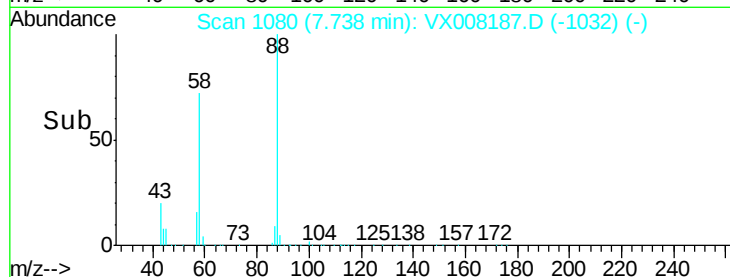
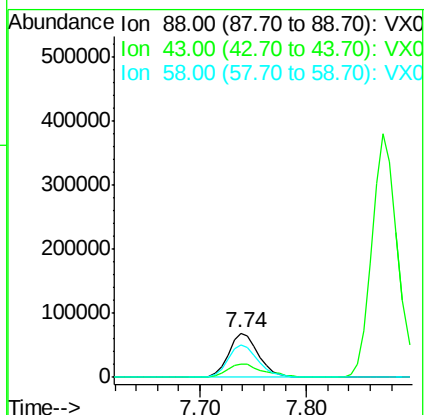
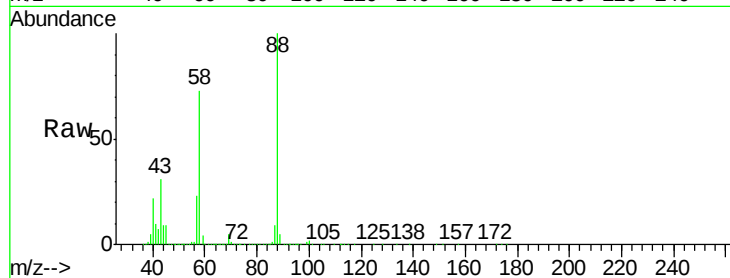
Tot Ion: 88 Resp: 132564

Ion Ratio Lower Upper

88 100

43 36.7 25.1 37.7

58 75.8 57.8 86.6



#50

Toluene-d8

Concen: 53.424 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008187.D

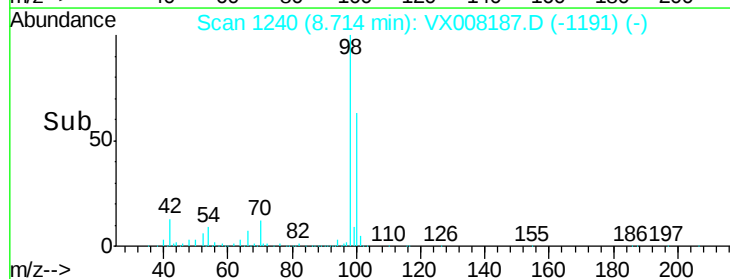
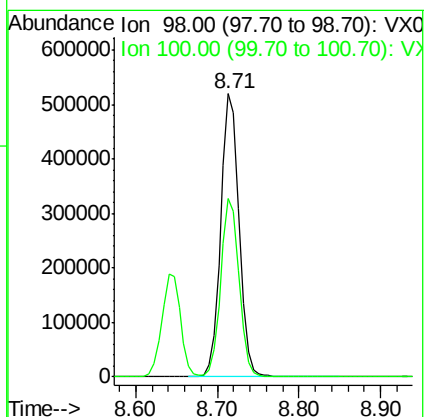
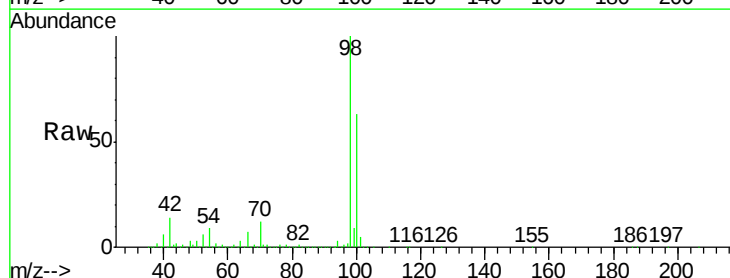
Acq: 19 Mar 2019 13:16

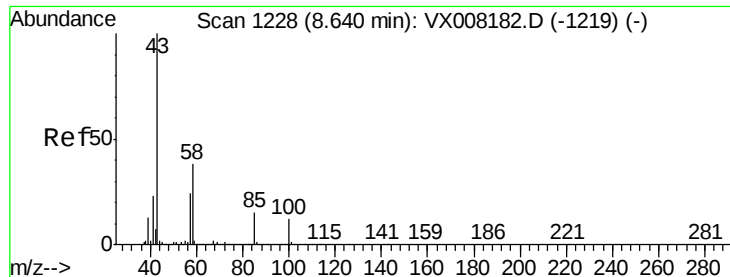
Tgt Ion: 98 Resp: 810822

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5

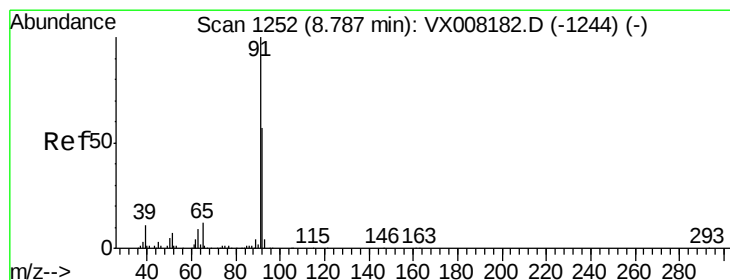
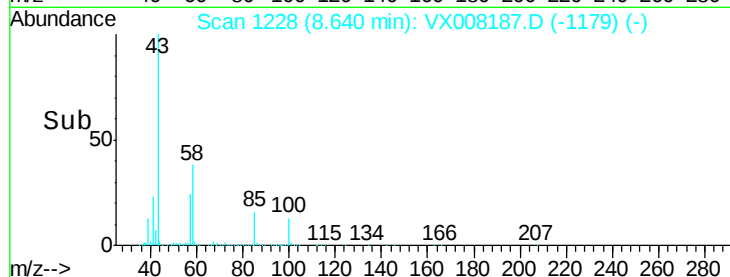
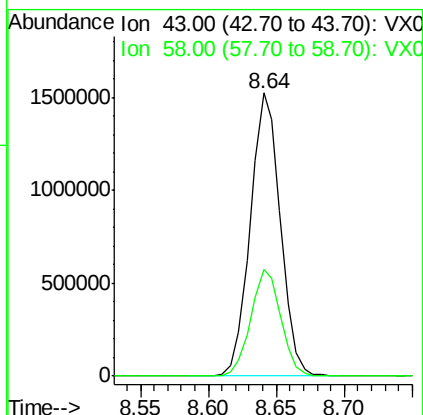
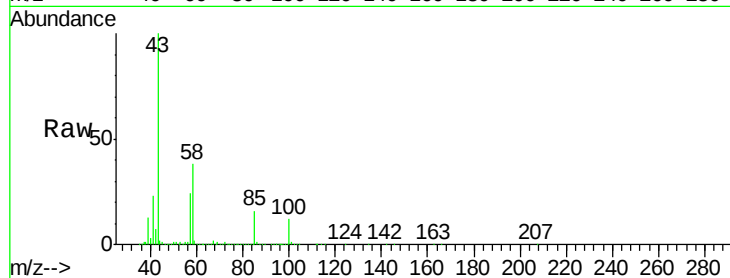




#51
4-Methyl-2-Pentanone
Concen: 276.939 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

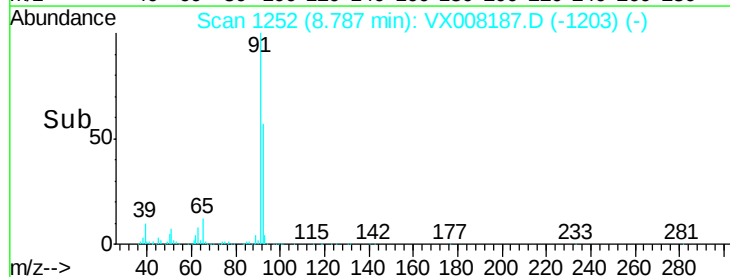
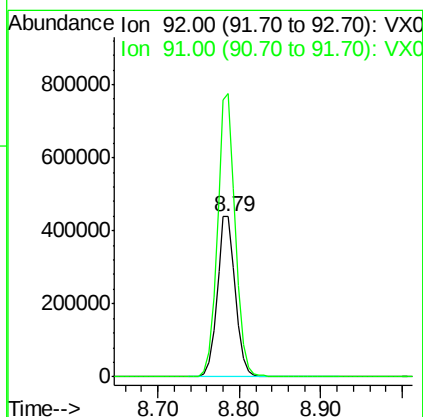
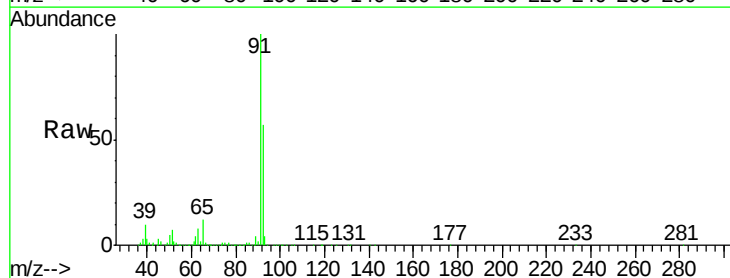
Instrument :
MSVOA_X
ClientSampleId :

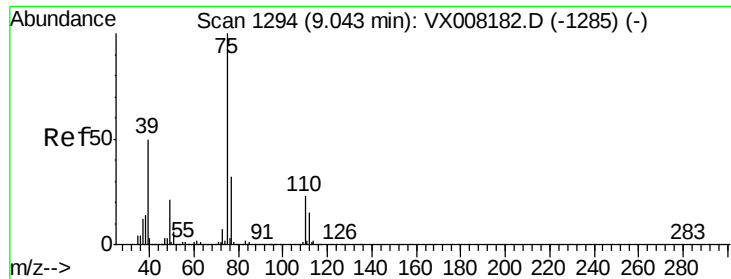
Tot Ion: 43 Resp: 2361800
Ion Ratio Lower Upper
43 100
58 37.7 31.3 46.9



#52
Toluene
Concen: 55.938 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 92 Resp: 683838
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

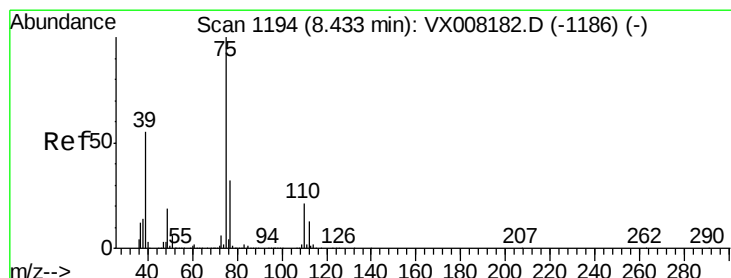
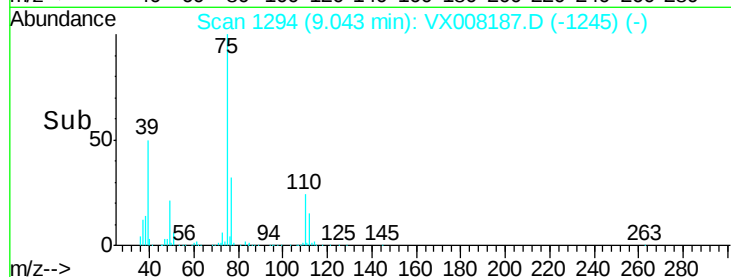
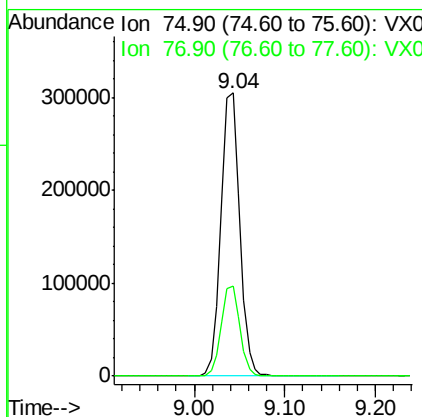
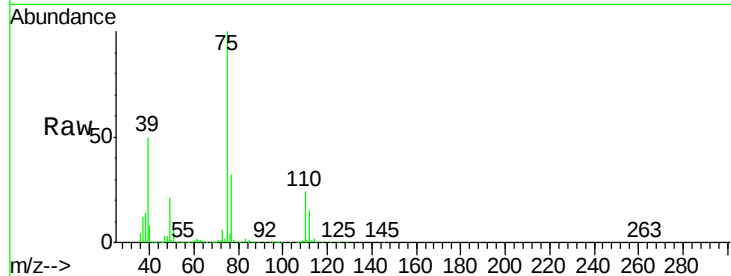




#53
t-1,3-Dichloropropene
Concen: 53.044 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

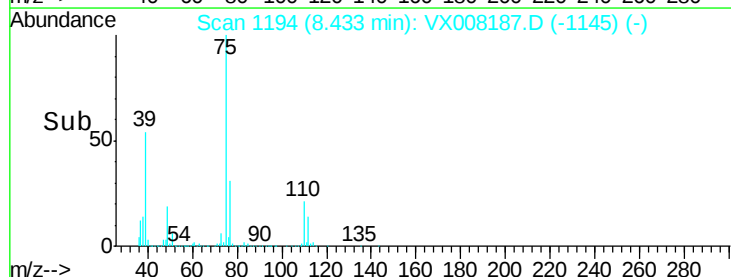
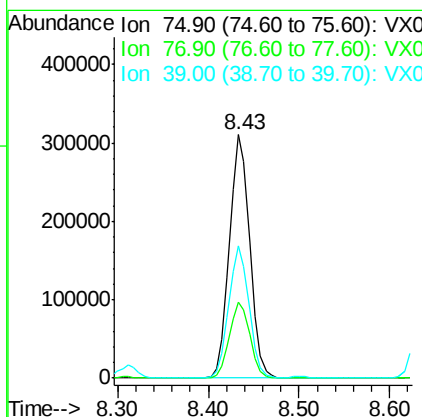
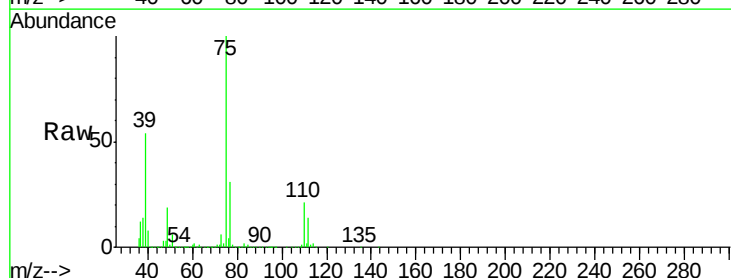
Instrument :
MSVOA_X
ClientSampleId :

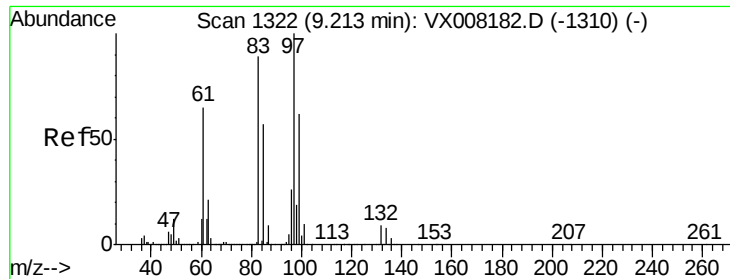
Tot Ion: 75 Resp: 442909
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 58.461 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 75 Resp: 482932
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 54.1 36.6 54.8

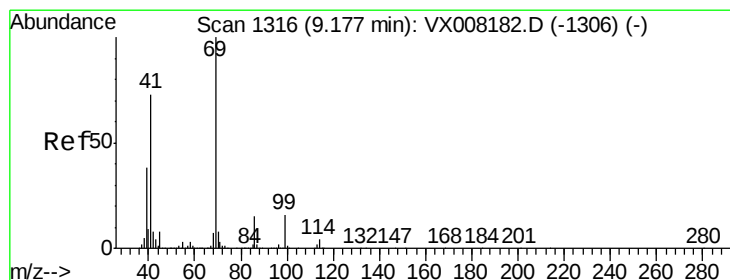
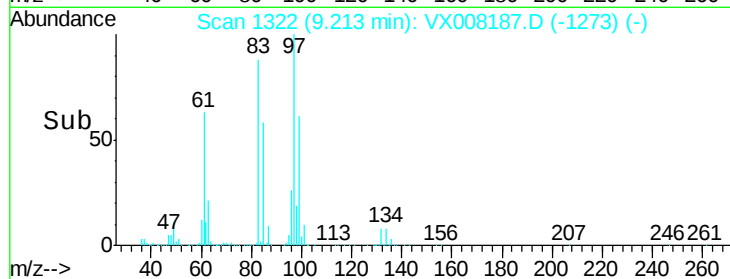
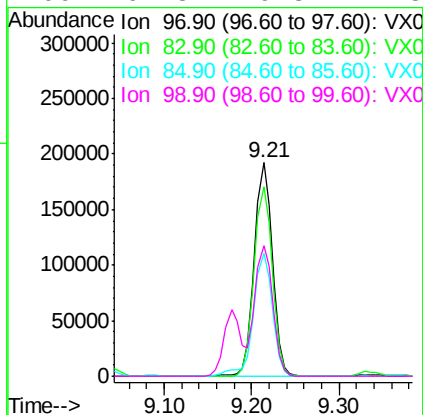
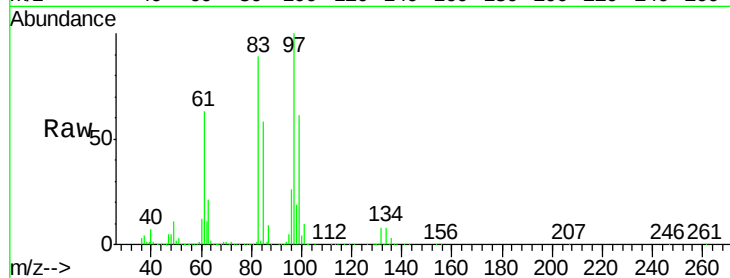




#55
 1,1,2-Trichloroethane
 Concen: 55.859 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

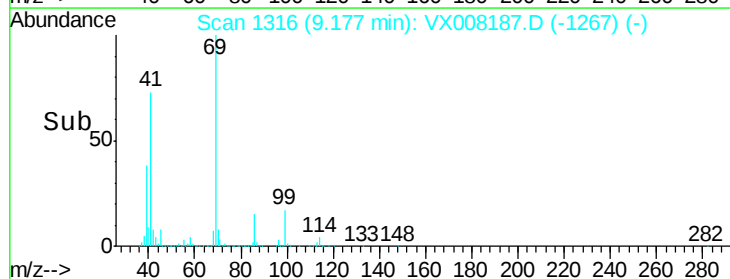
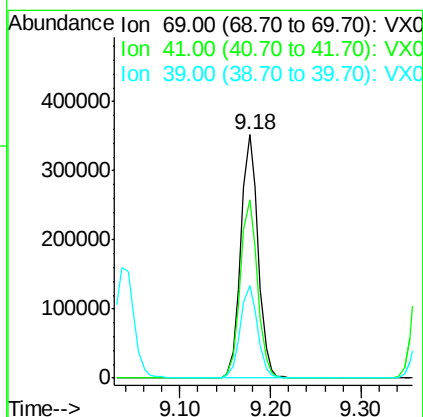
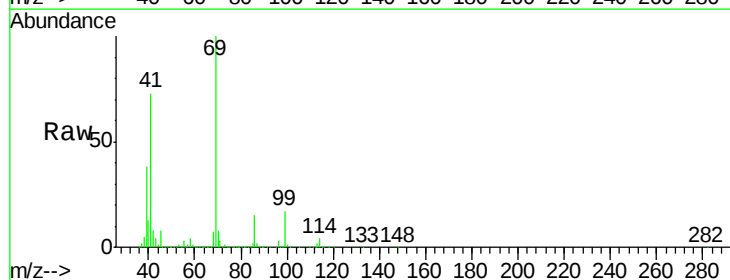
Instrument :
 MSVOA_X
 ClientSampleId :

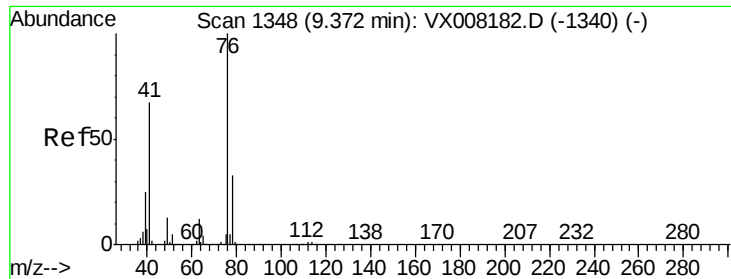
Tot Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.1	103.7
85	57.5	44.3	66.5
99	61.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 53.607 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	54.2	81.4
39	38.2	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 55.905 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

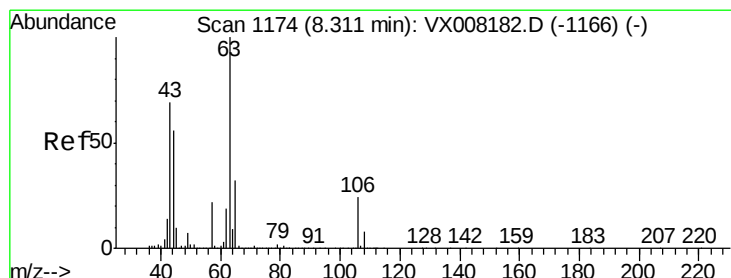
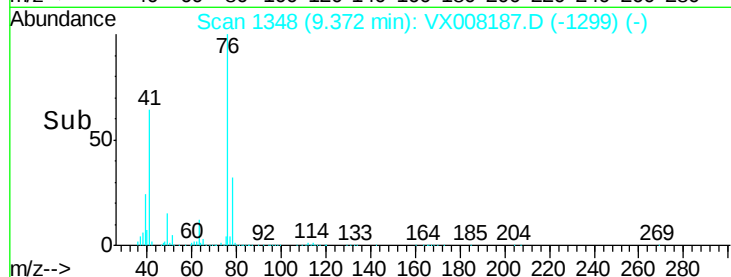
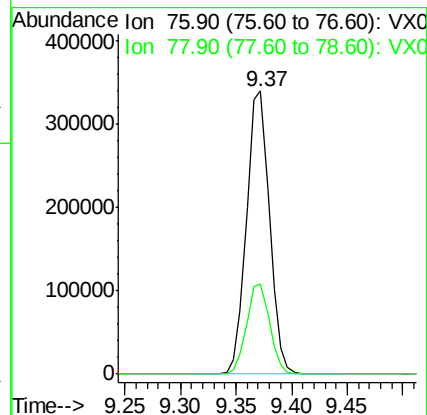
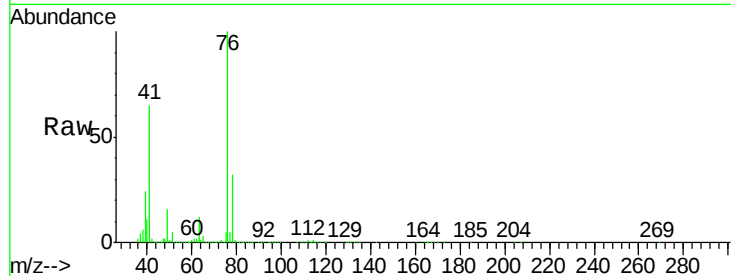
ClientSampleId :

Tot Ion: 76 Resp: 488473

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 273.820 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008187.D

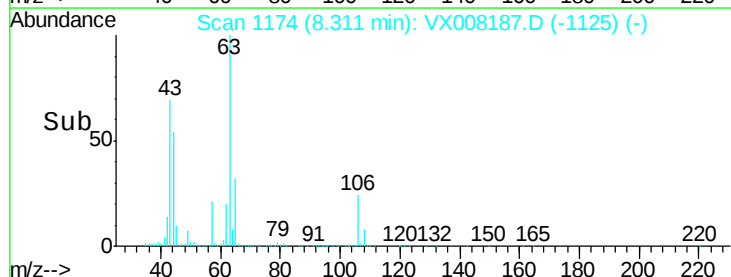
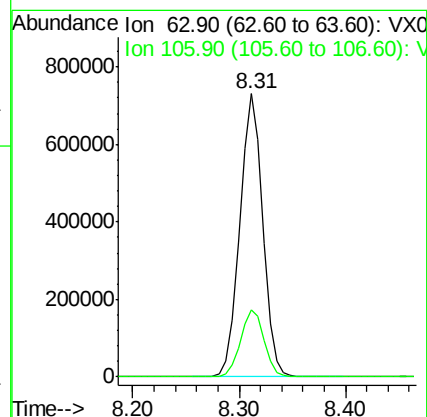
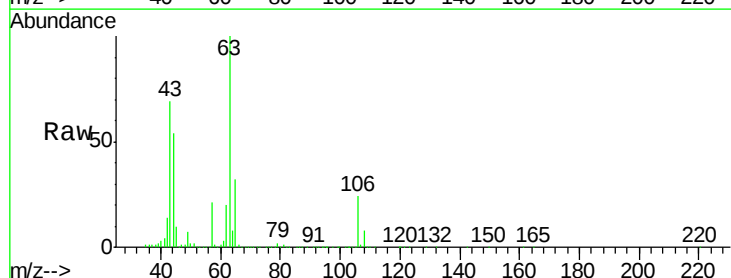
Acq: 19 Mar 2019 13:16

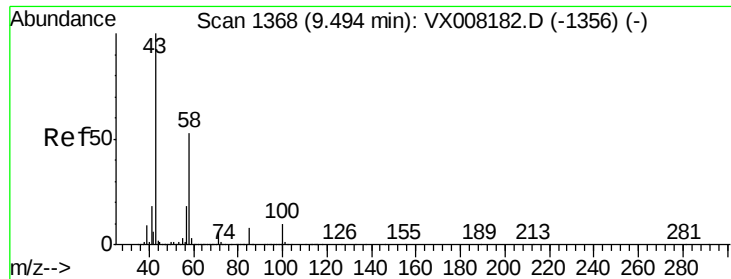
Tgt Ion: 63 Resp: 1108118

Ion Ratio Lower Upper

63 100

106 24.2 22.2 33.2

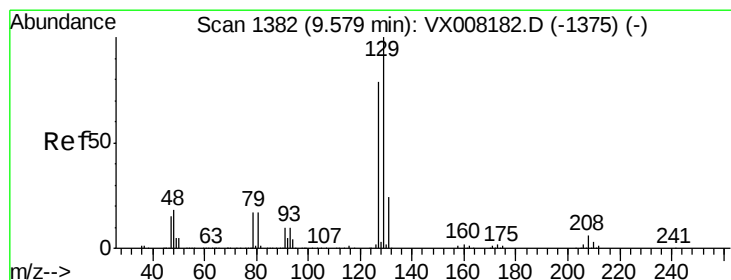
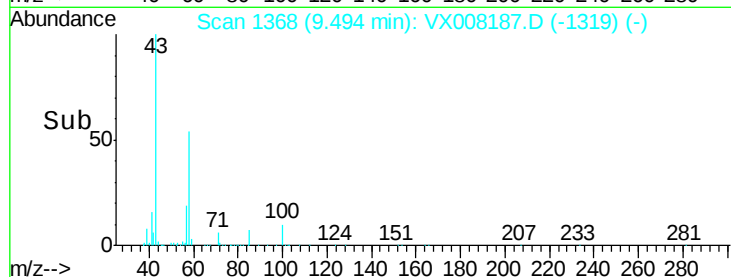
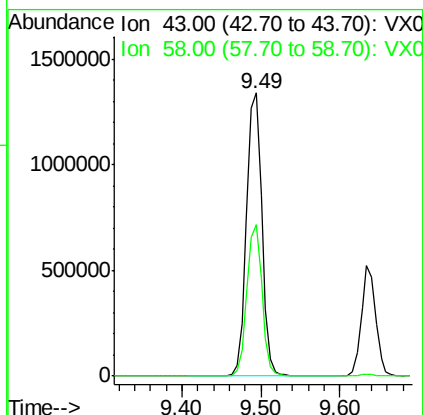
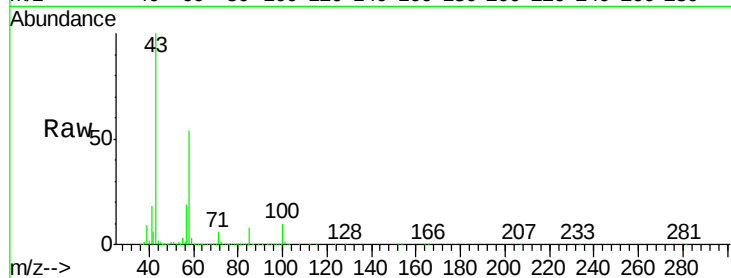




#59
2-Hexanone
Concen: 276.321 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

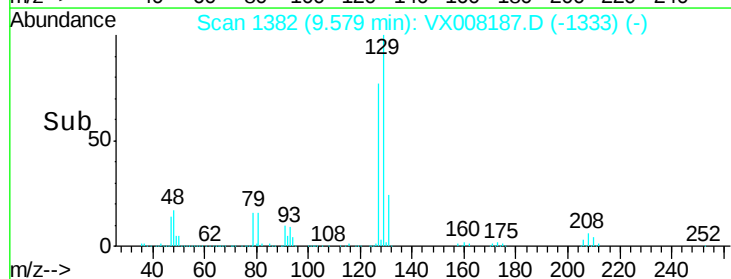
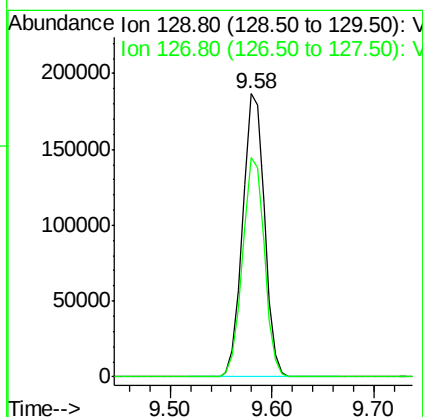
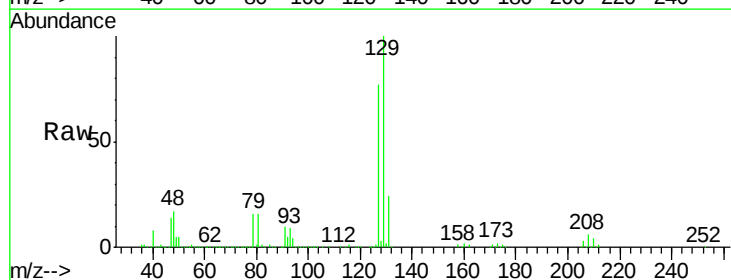
Instrument :
MSVOA_X
ClientSampled :

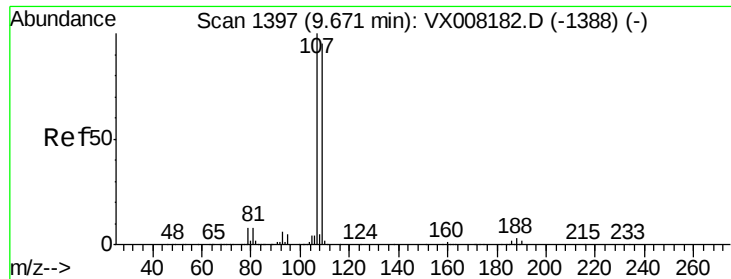
Tot Ion: 43 Resp: 1814245
Ion Ratio Lower Upper
43 100
58 52.6 27.6 82.7



#60
Dibromochloromethane
Concen: 58.337 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion:129 Resp: 276915
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 55.935 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

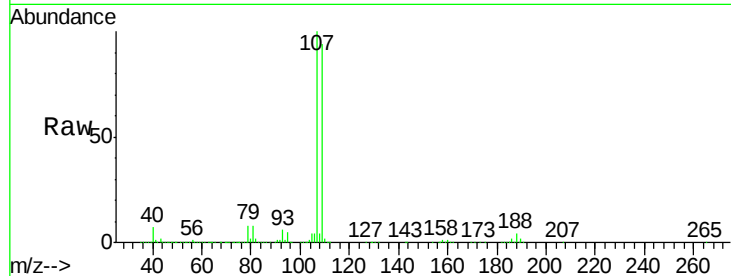
ClientSampleId :

Tot Ion:107 Resp: 288477

Ion Ratio Lower Upper

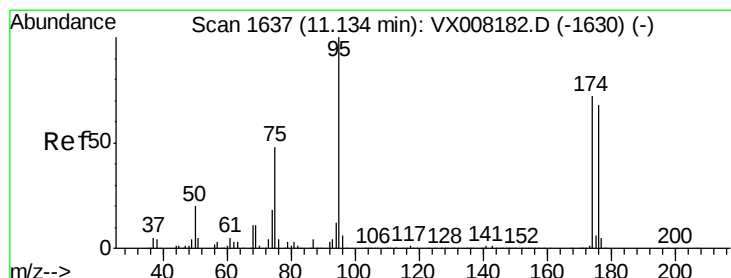
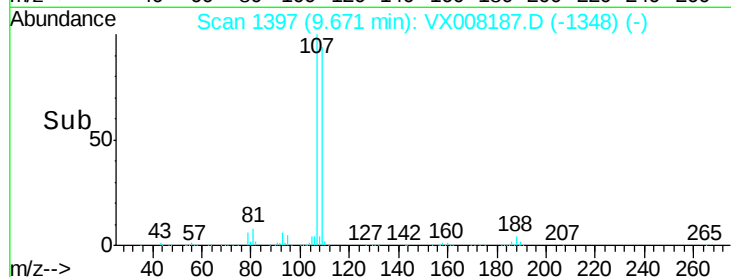
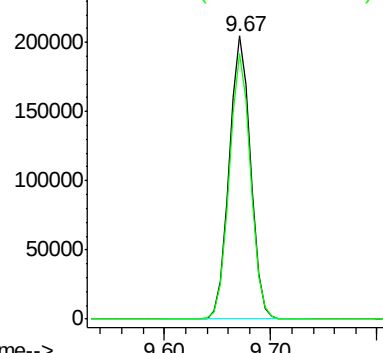
107 100

109 93.7 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: 55.415 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

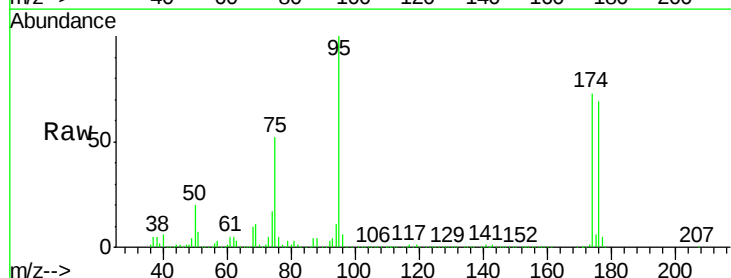
Tgt Ion: 95 Resp: 289584

Ion Ratio Lower Upper

95 100

174 77.5 0.0 182.8

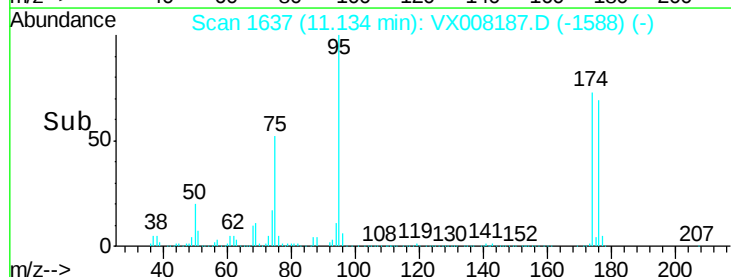
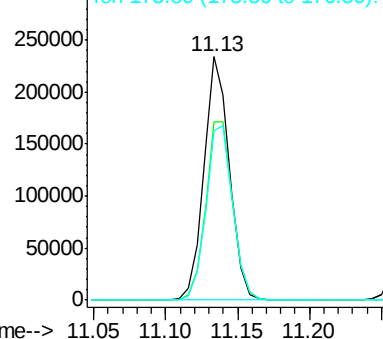
176 75.2 0.0 178.0

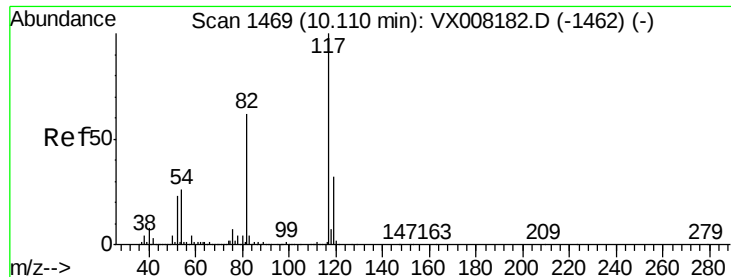


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

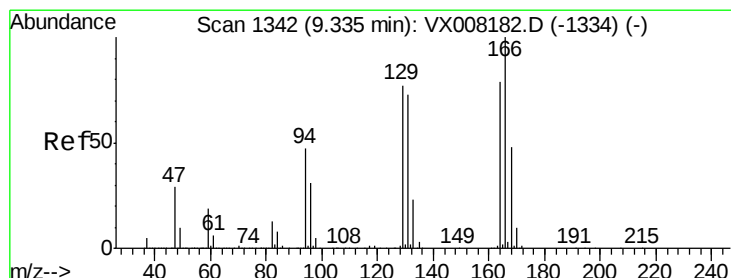
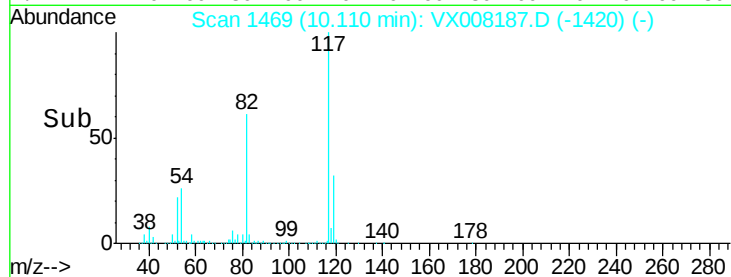
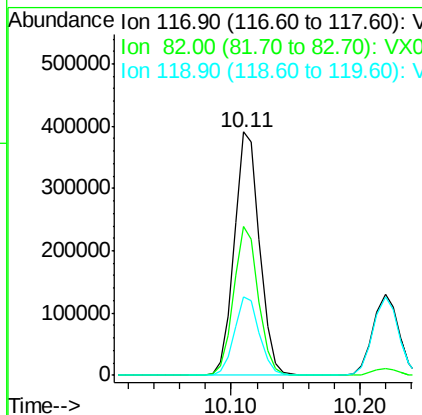
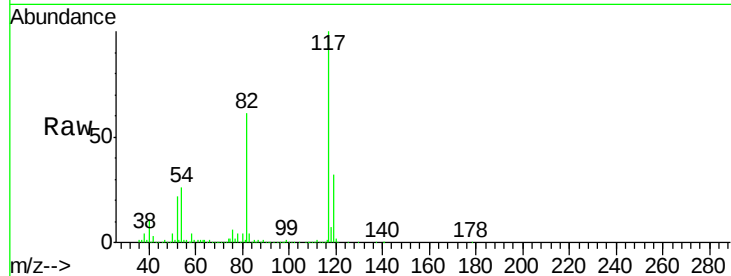




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

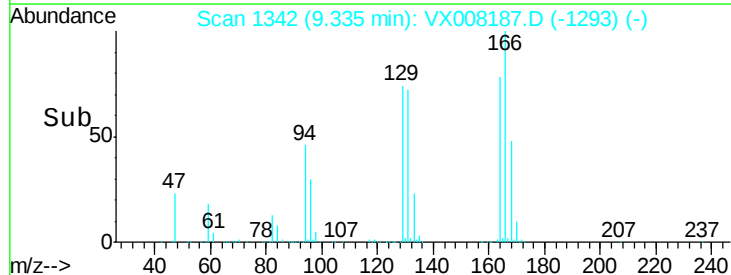
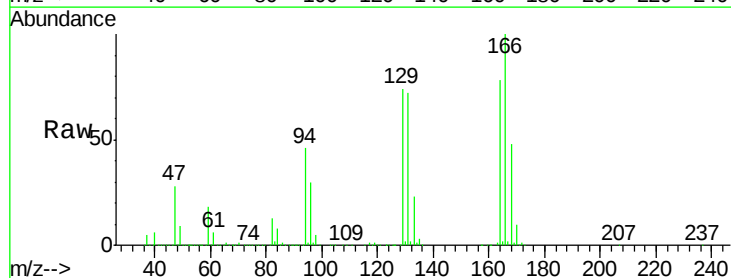
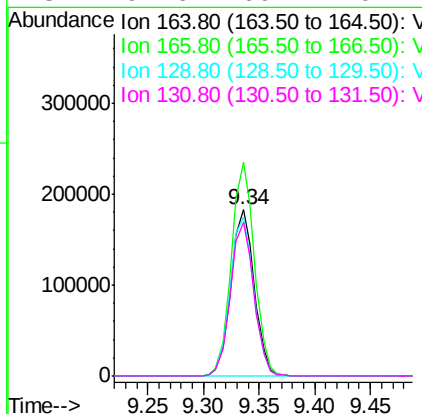
Instrument :
MSVOA_X
ClientSampled :

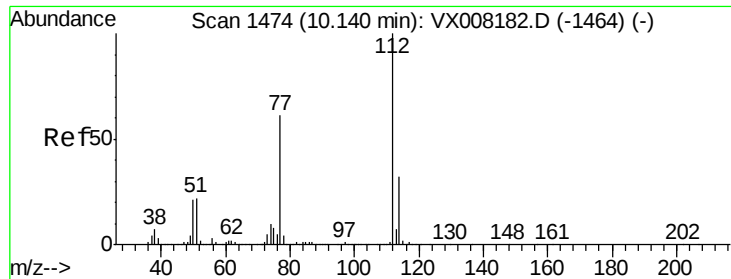
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	44.3	66.5
119	32.1	25.3	37.9



#64
Tetrachloroethene
Concen: 54.946 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.4	155.0
129	95.3	72.2	108.4
131	92.6	69.4	104.2

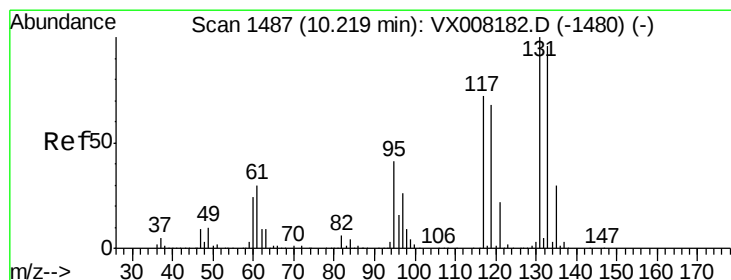
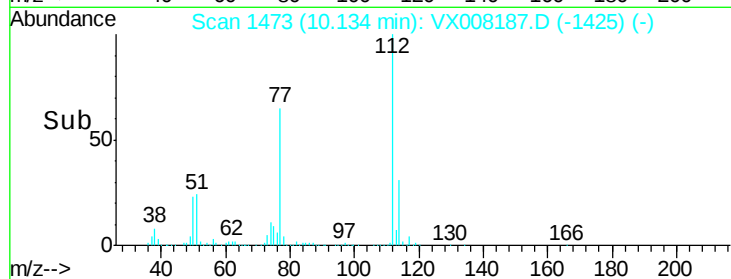
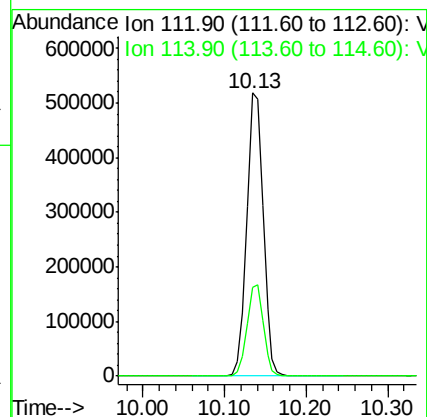
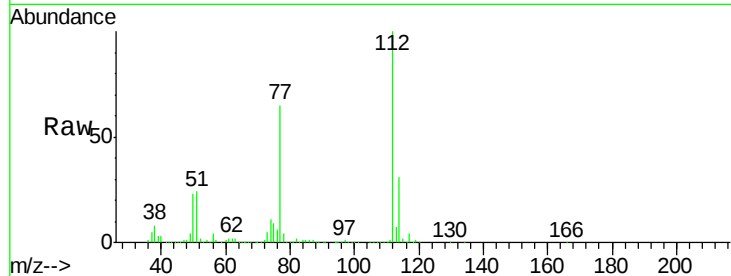




#65
Chlorobenzene
Concen: 54.923 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

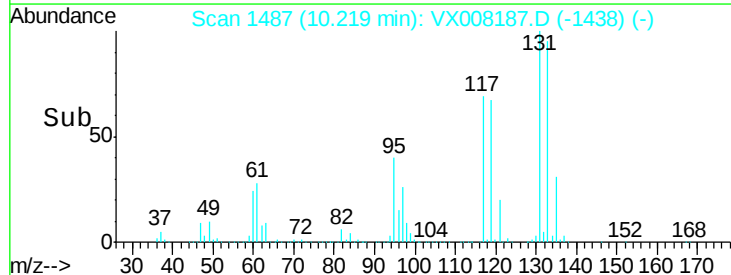
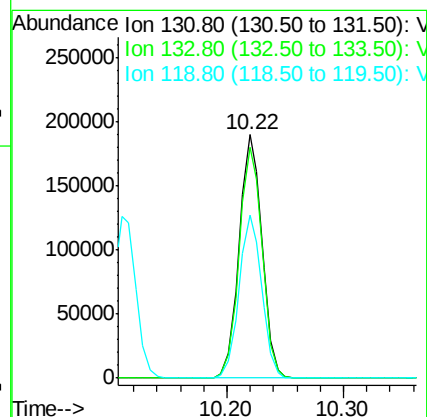
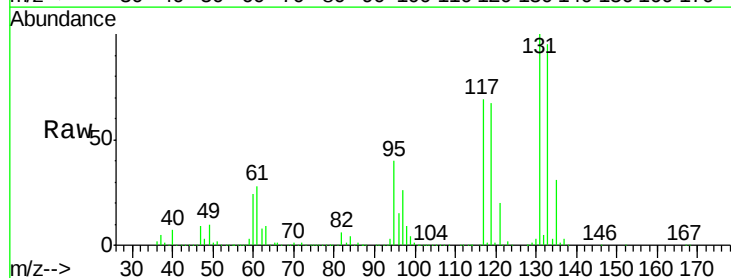
Instrument :
MSVOA_X
ClientSampled :

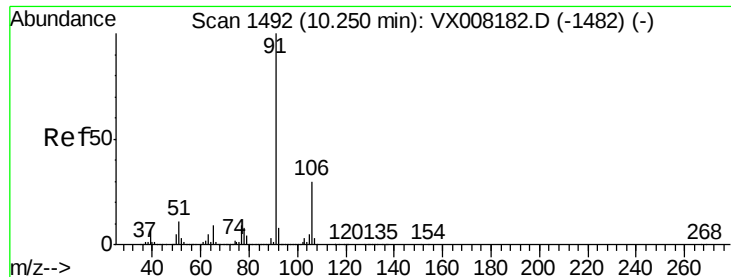
Tot Ion:112 Resp: 721145
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.575 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion:131 Resp: 259000
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 66.7 32.5 97.5

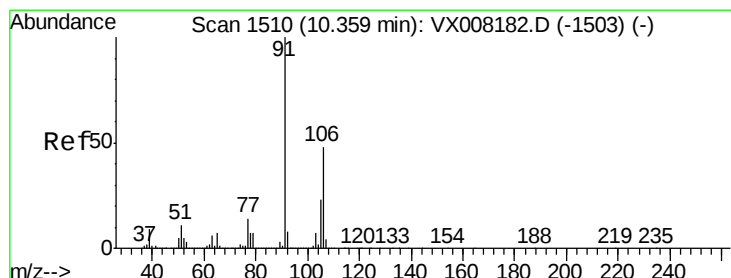
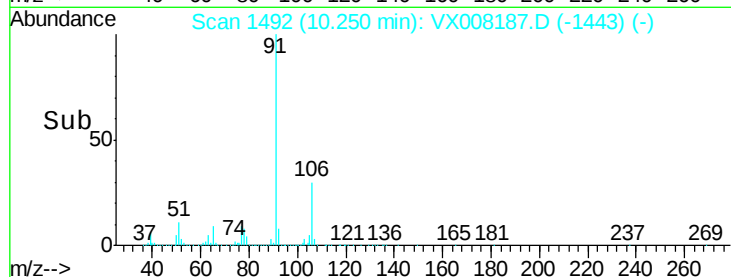
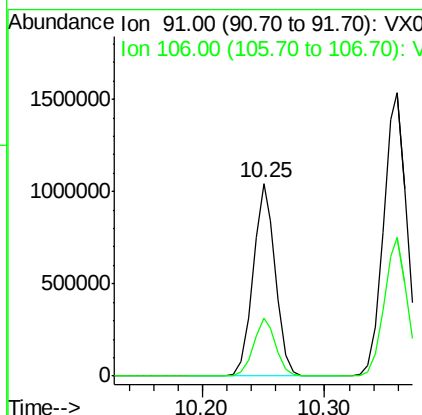
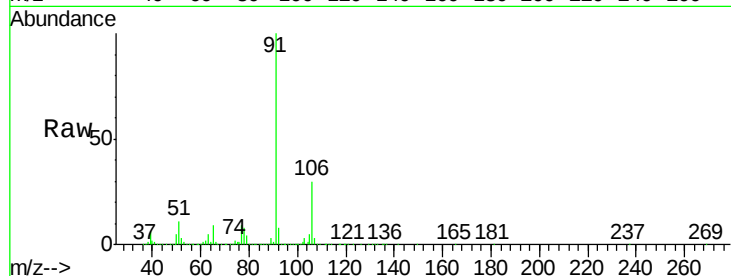




#67
Ethyl Benzene
Concen: 56.900 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

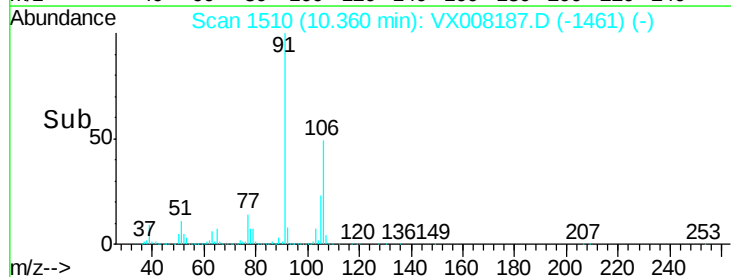
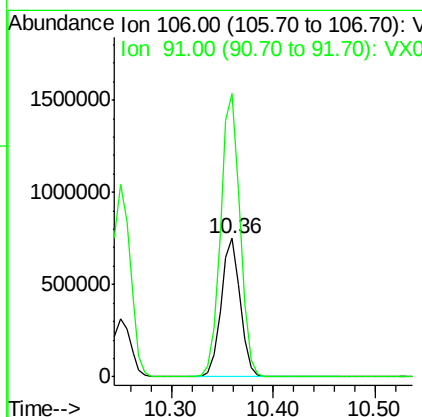
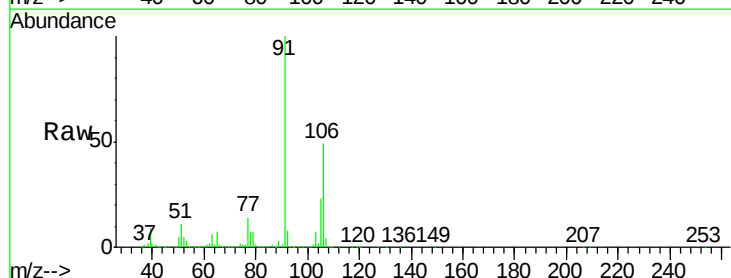
Instrument :
MSVOA_X
ClientSampleId :

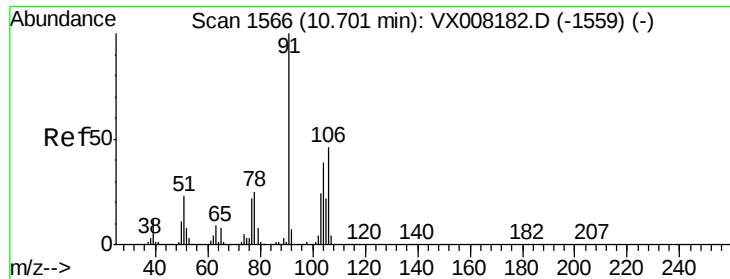
Tot Ion: 91 Resp: 1316549
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#68
m/p-Xylenes
Concen: 115.070 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 106 Resp: 978041
Ion Ratio Lower Upper
106 100
91 208.1 159.8 239.6

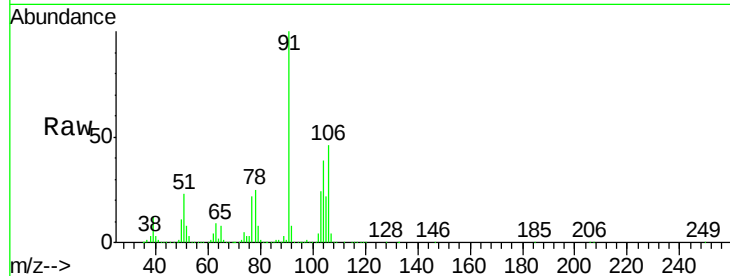




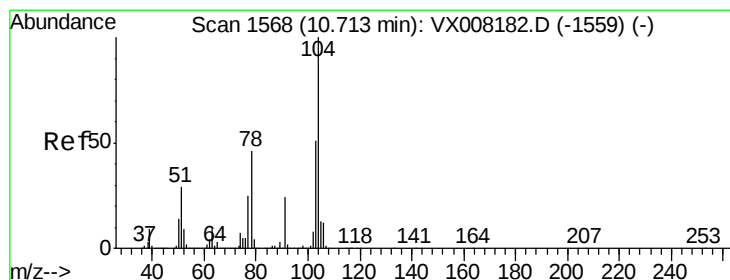
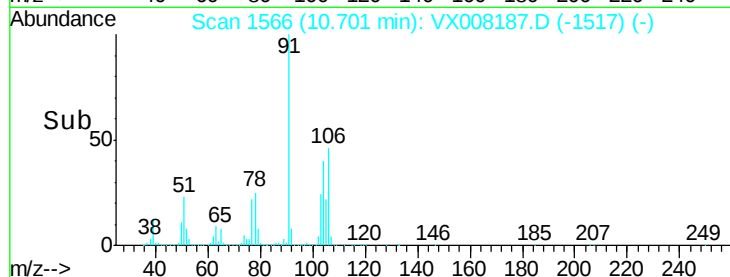
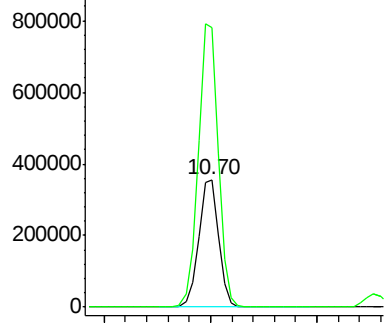
#69
o-Xylene
Concen: 56.626 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 467672
Ion Ratio Lower Upper
106 100
91 222.0 106.3 318.9

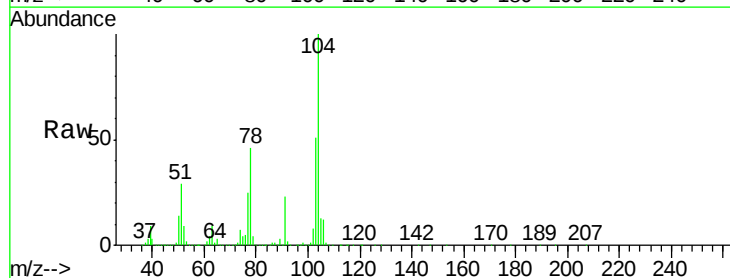


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

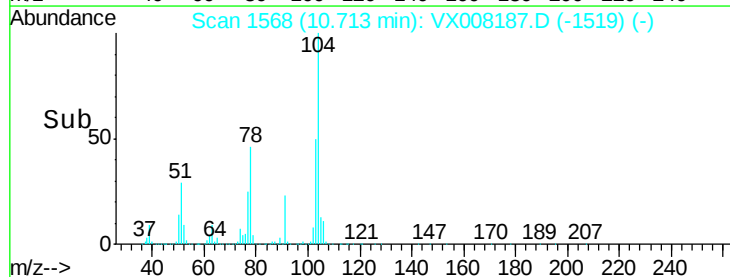
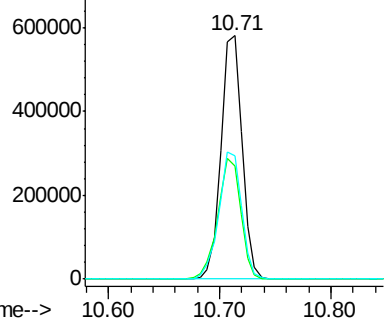


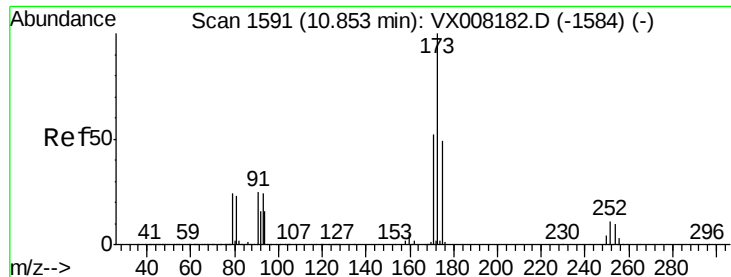
#70
Styrene
Concen: 57.249 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion:104 Resp: 768416
Ion Ratio Lower Upper
104 100
78 53.9 38.5 57.7
103 56.2 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

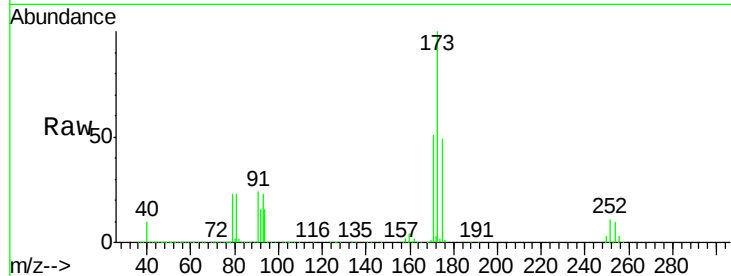




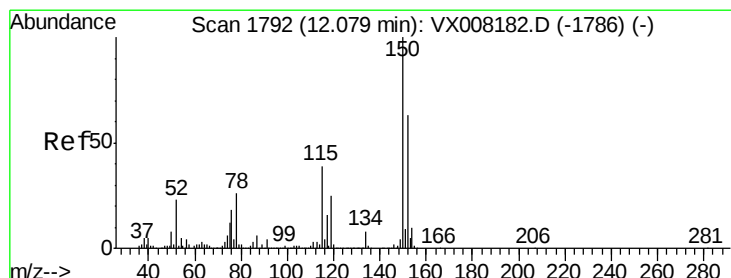
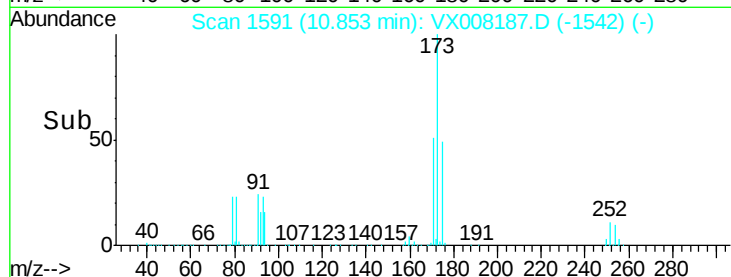
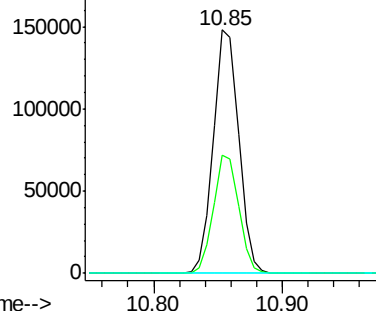
#71
Bromoform
Concen: 51.039 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 201508
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.9
254 0.2 0.1 0.1#

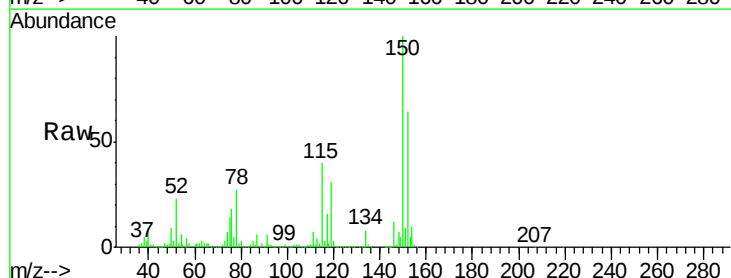


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

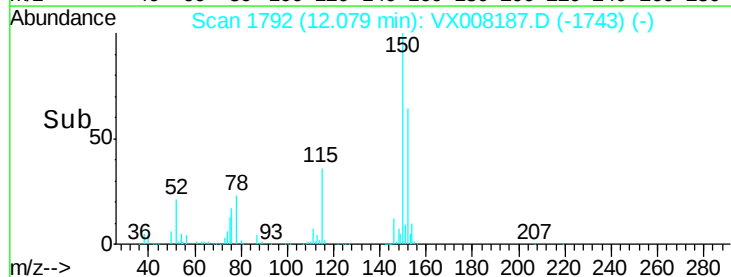
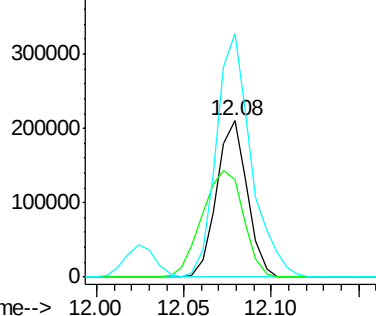


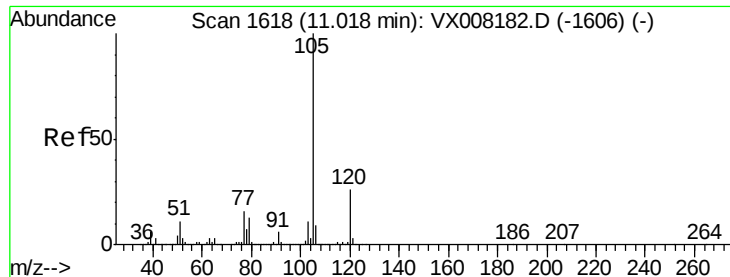
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion:152 Resp: 254730
Ion Ratio Lower Upper
152 100
115 93.1 38.6 115.7
150 177.2 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: 55.784 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

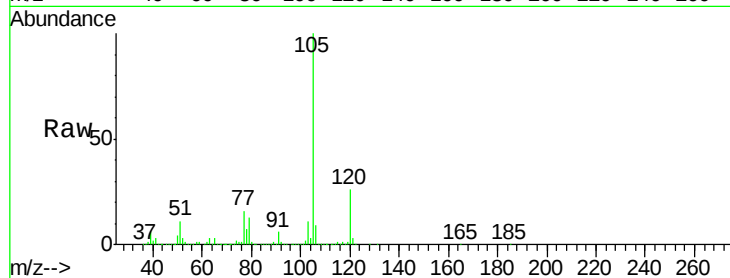
ClientSampled :

Tot Ion:105 Resp: 1266605

Ion Ratio Lower Upper

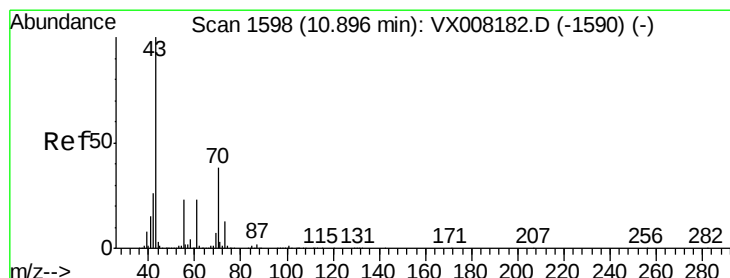
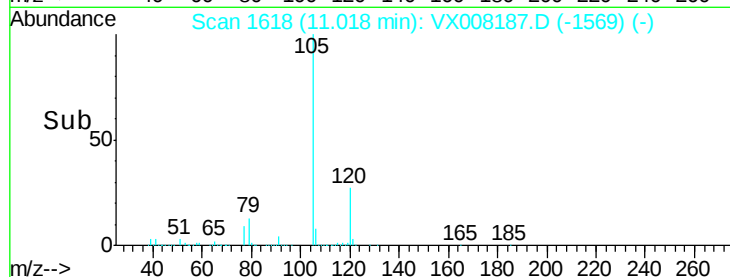
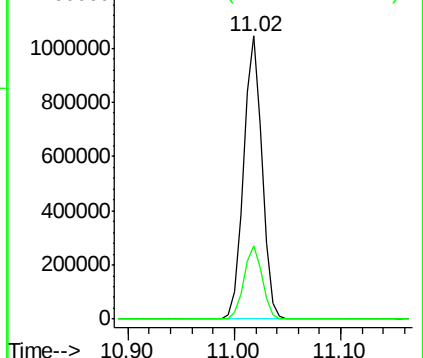
105 100

120 25.7 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: 54.371 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Tgt Ion: 43 Resp: 646794

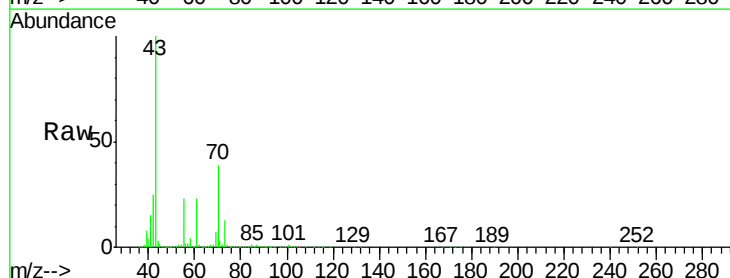
Ion Ratio Lower Upper

43 100

70 38.8 33.5 50.3

55 23.2 19.2 28.8

61 22.9 19.0 28.6

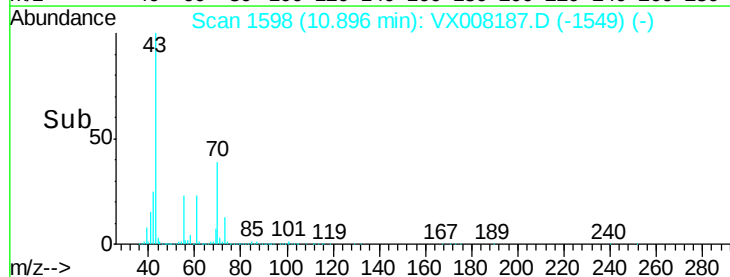
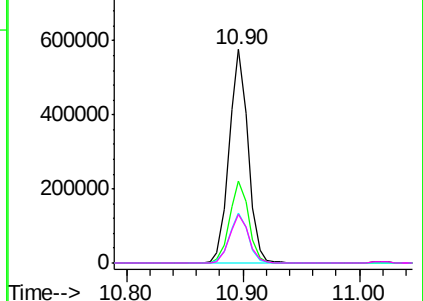


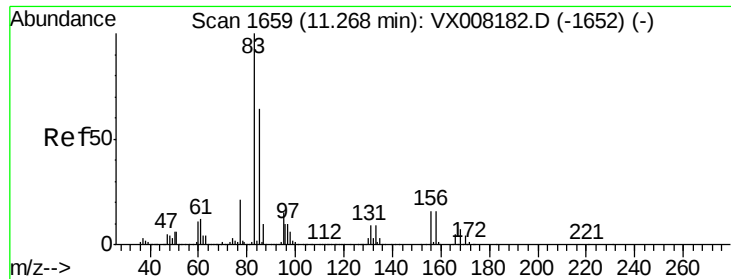
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.651 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

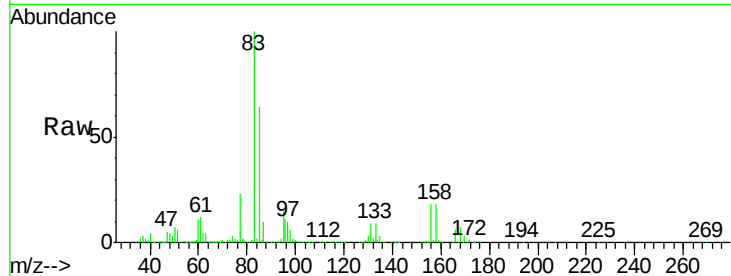
Tot Ion: 83 Resp: 412384

Ion Ratio Lower Upper

83 100

131 9.1 5.4 16.2

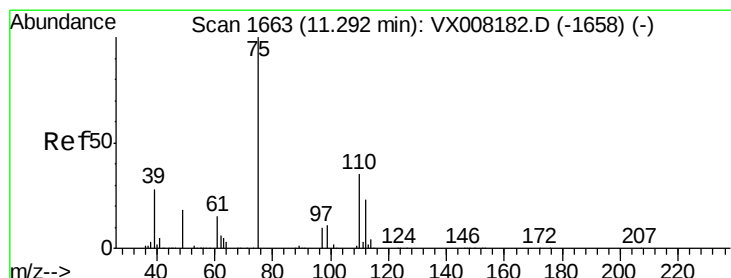
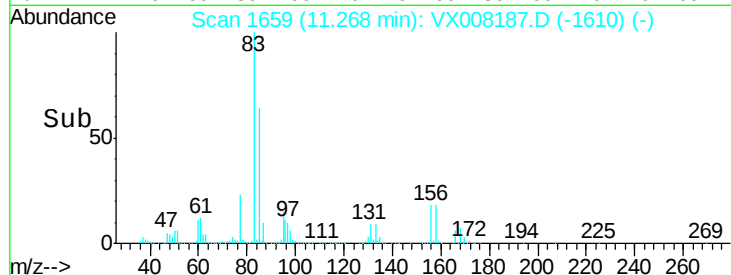
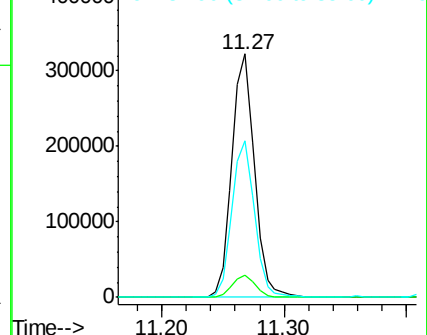
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 72.376 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008187.D

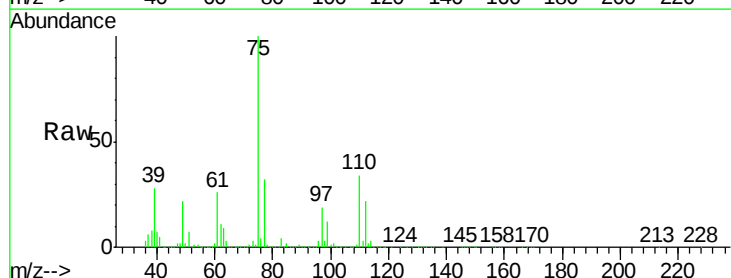
Acq: 19 Mar 2019 13:16

Tgt Ion: 75 Resp: 518542

Ion Ratio Lower Upper

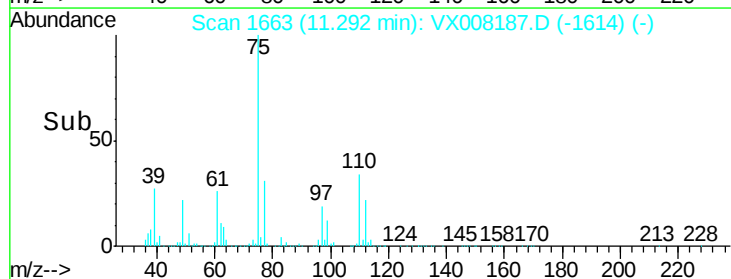
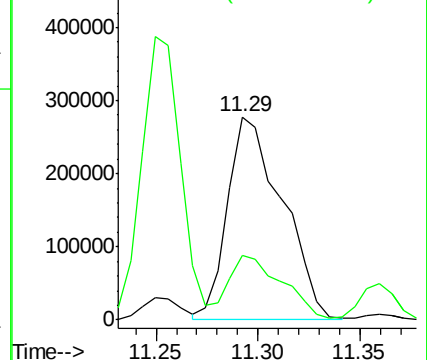
75 100

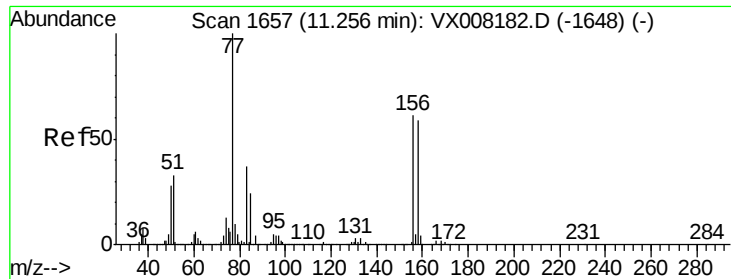
77 31.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.767 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

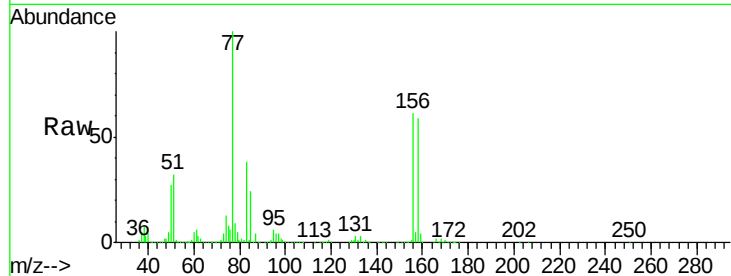
Tot Ion:156 Resp: 289679

Ion Ratio Lower Upper

156 100

77 177.0 72.0 215.9

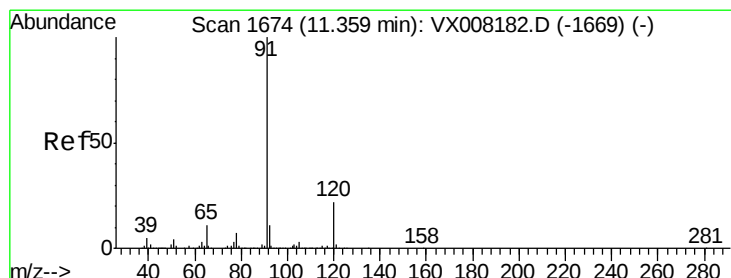
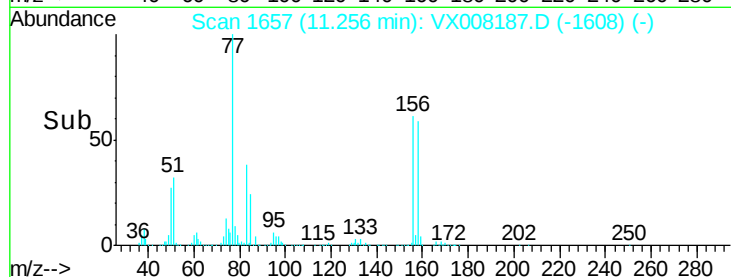
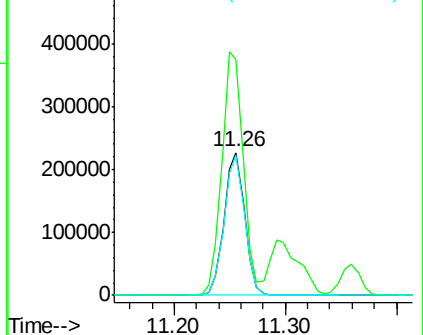
158 97.6 48.6 145.9



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: 57.324 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008187.D

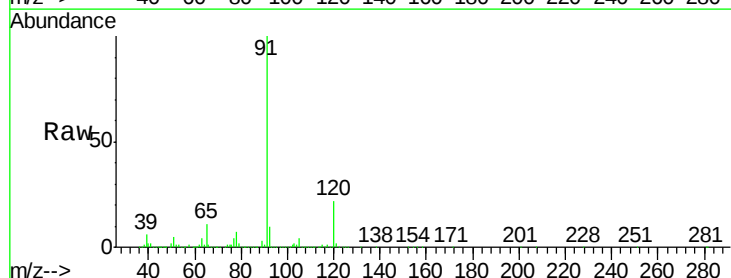
Acq: 19 Mar 2019 13:16

Tgt Ion: 91 Resp: 1511713

Ion Ratio Lower Upper

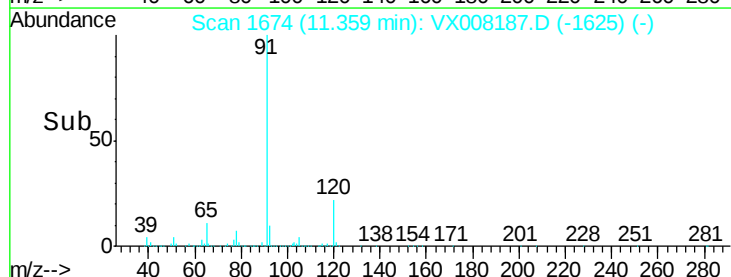
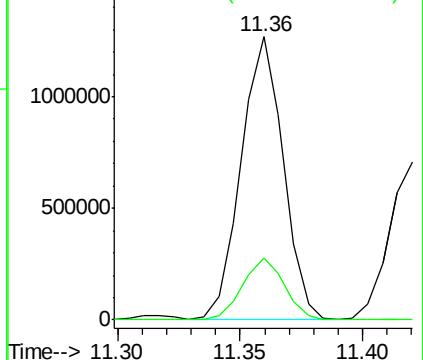
91 100

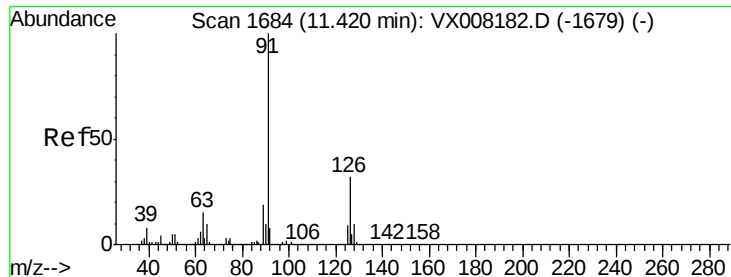
120 21.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.703 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

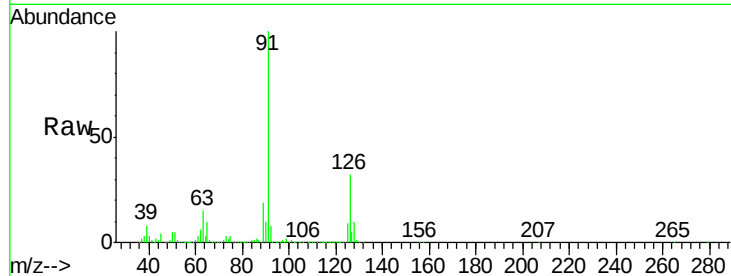
ClientSampleId :

Tot Ion: 91 Resp: 865862

Ion Ratio Lower Upper

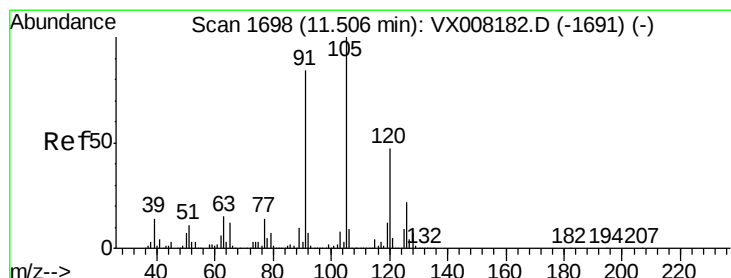
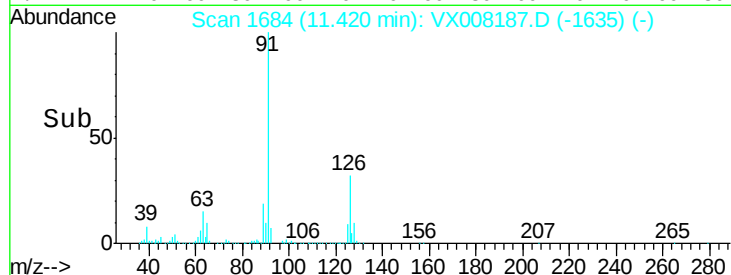
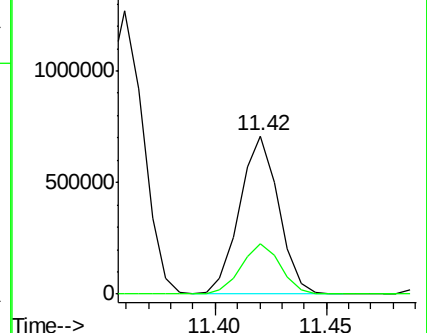
91 100

126 32.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX008187.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008187.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.979 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008187.D

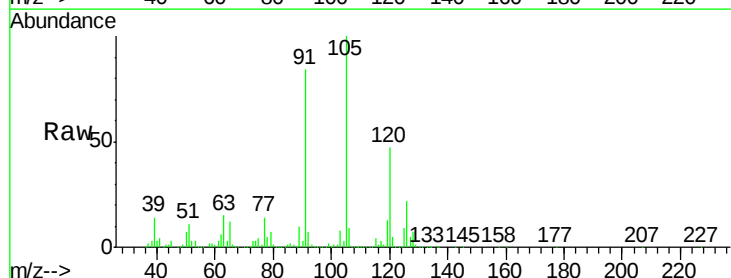
Acq: 19 Mar 2019 13:16

Tgt Ion: 105 Resp: 1050073

Ion Ratio Lower Upper

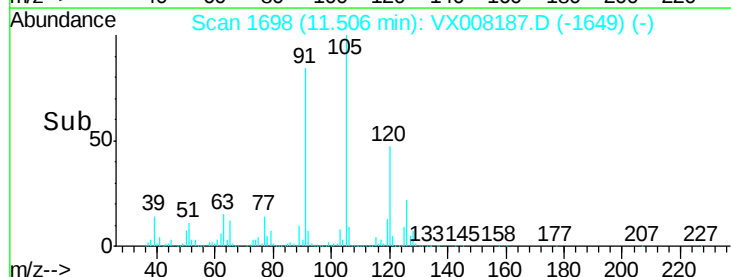
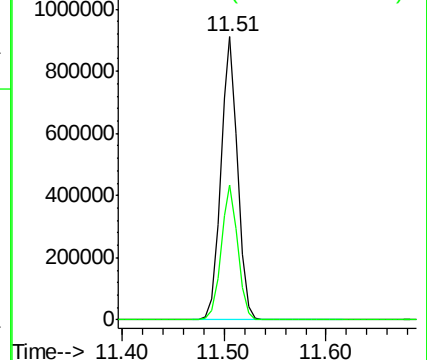
105 100

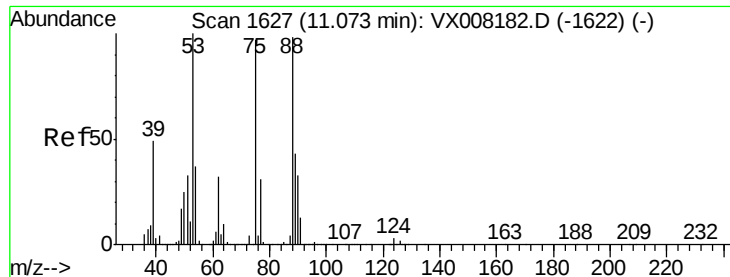
120 47.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008187.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008187.D (-1691) (-)

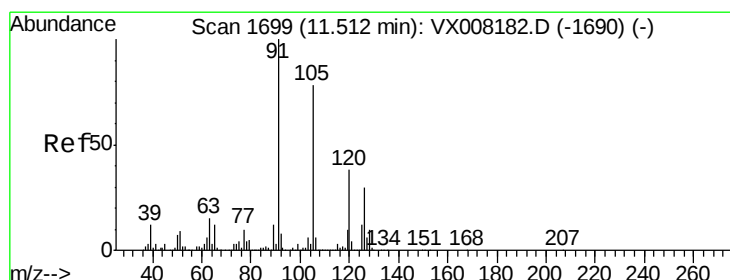
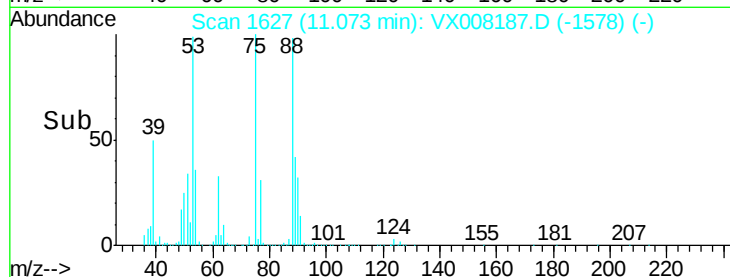
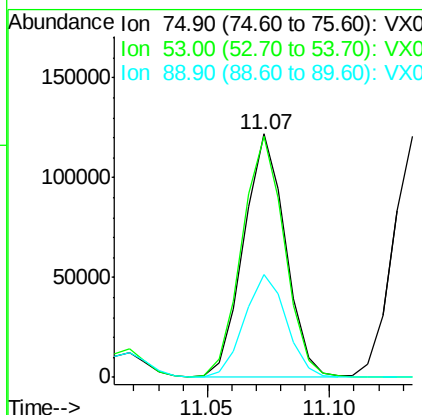
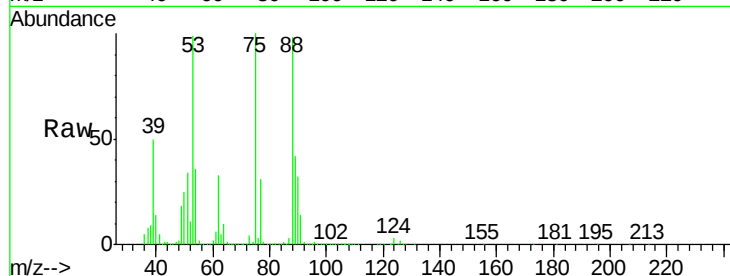




#81
trans-1,4-Dichloro-2-butene
Concen: 51.210 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

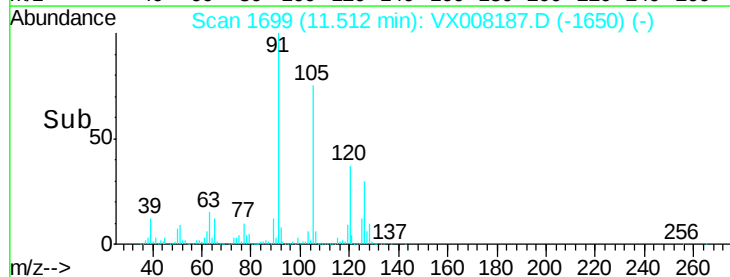
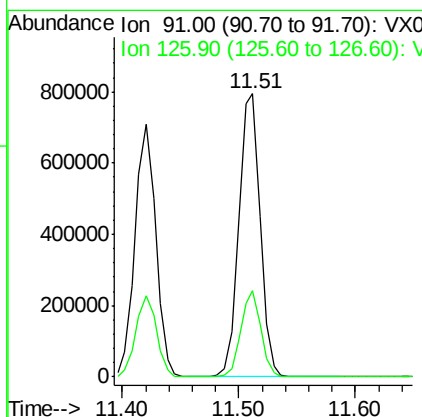
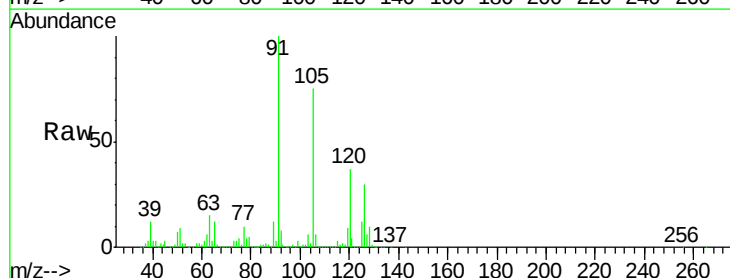
Instrument :
MSVOA_X
ClientSampleId :

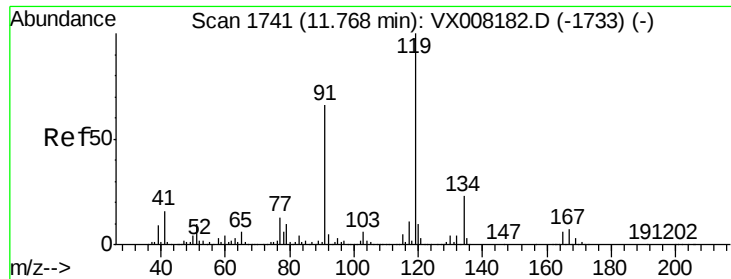
Tot Ion: 75 Resp: 144022
Ion Ratio Lower Upper
75 100
53 100.8 76.1 114.1
89 42.9 36.3 54.5



#82
4-Chlorotoluene
Concen: 55.118 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion: 91 Resp: 1015204
Ion Ratio Lower Upper
91 100
126 28.5 15.6 46.8

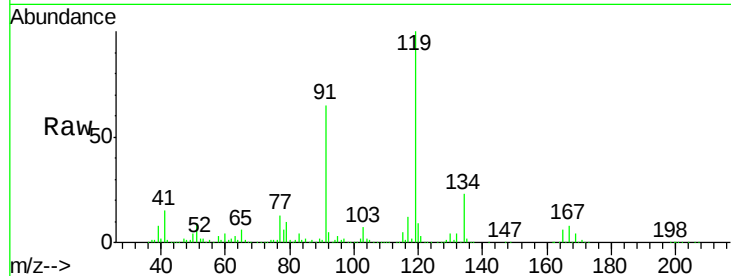




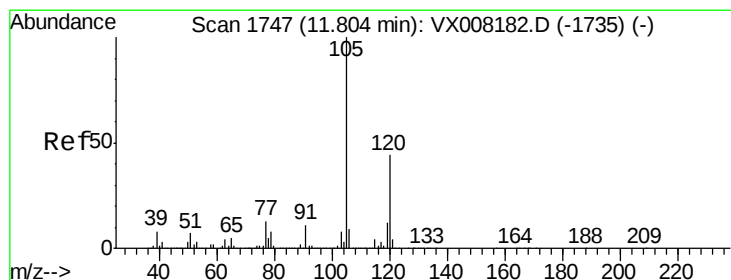
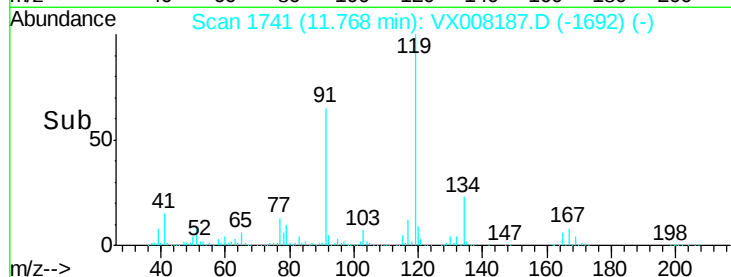
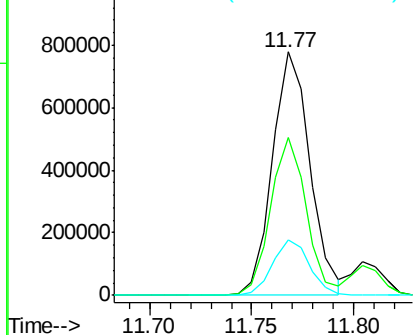
#83
tert-Butylbenzene
Concen: 55.826 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 999801
Ion Ratio Lower Upper
119 100
91 61.6 27.1 81.3
134 22.3 11.4 34.1

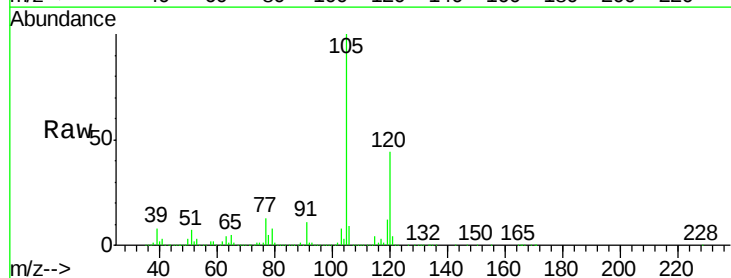


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

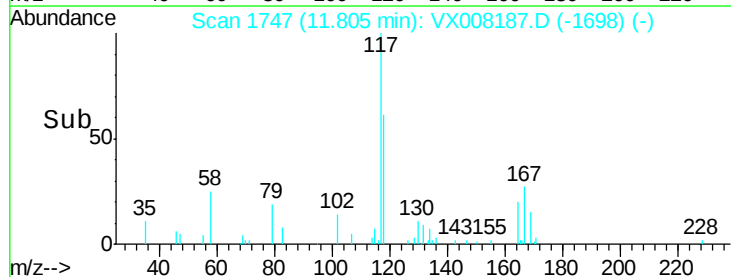
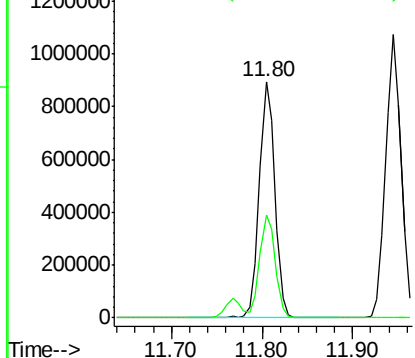


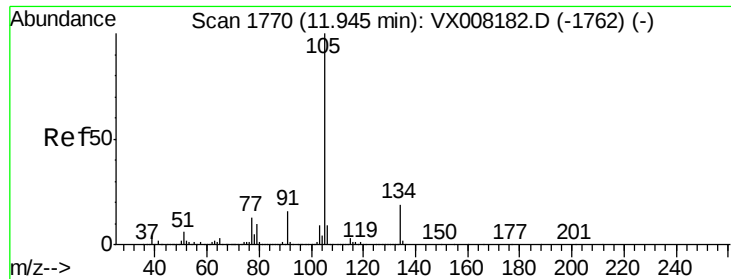
#84
1,2,4-Trimethylbenzene
Concen: 55.967 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008187.D
Acq: 19 Mar 2019 13:16

Tgt Ion:105 Resp: 1064322
Ion Ratio Lower Upper
105 100
120 43.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.987 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

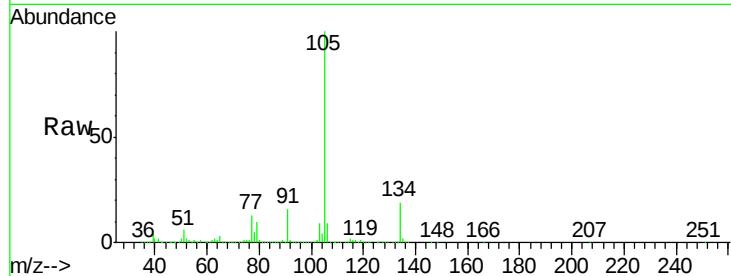
ClientSampleId :

Tot Ion:105 Resp: 1263880

Ion Ratio Lower Upper

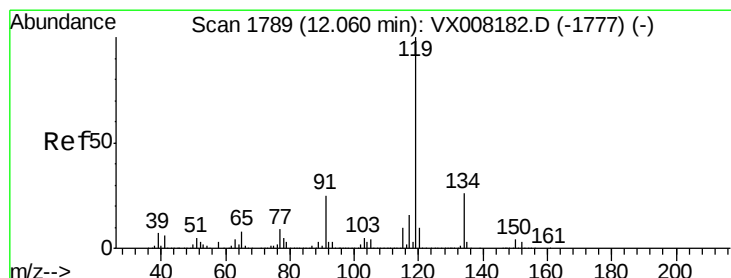
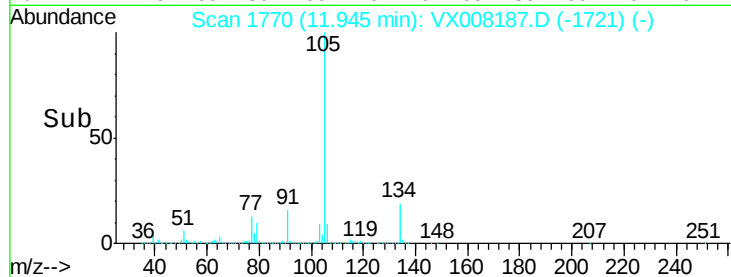
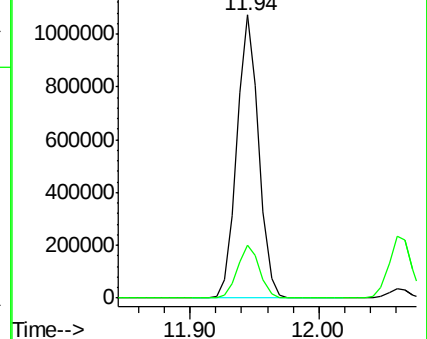
105 100

134 19.1 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: 57.044 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

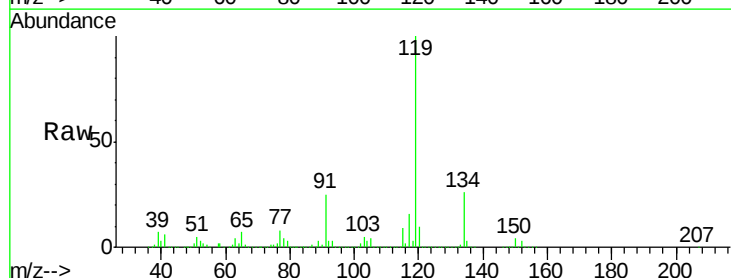
Tgt Ion:119 Resp: 1095102

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

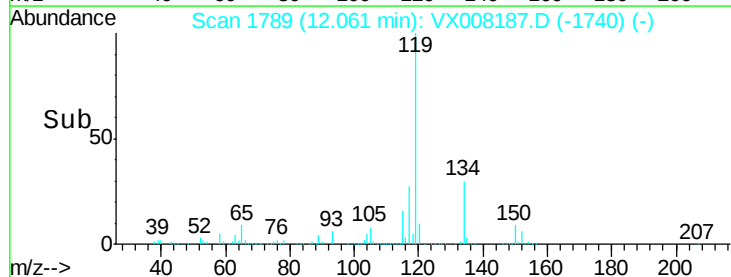
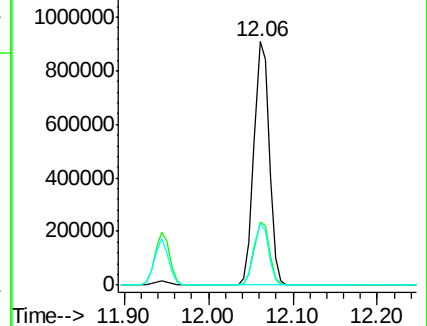
91 24.7 10.9 32.7

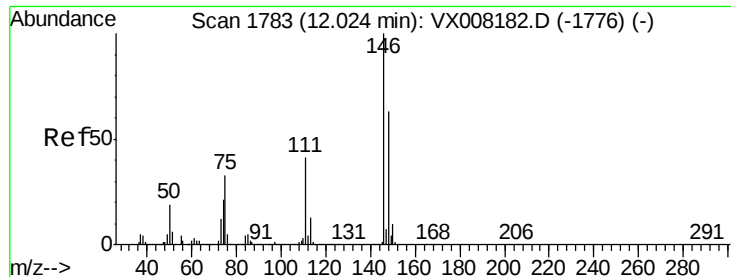


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

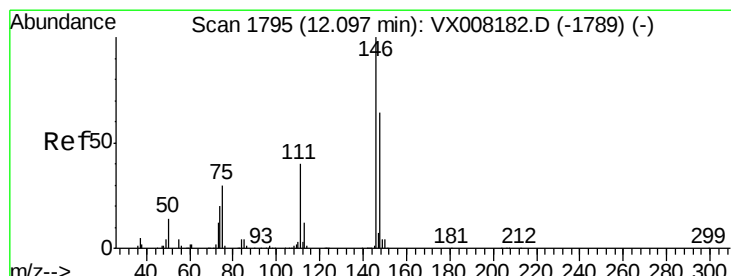
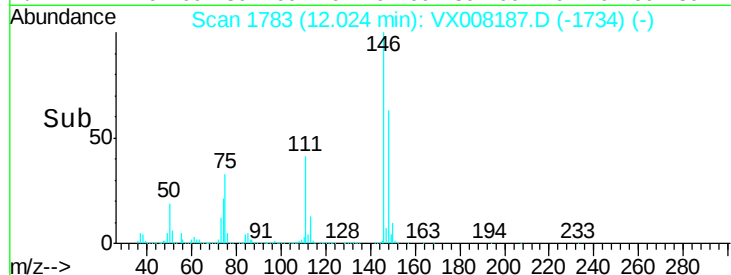
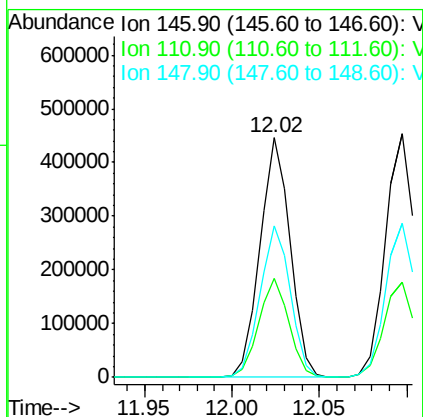
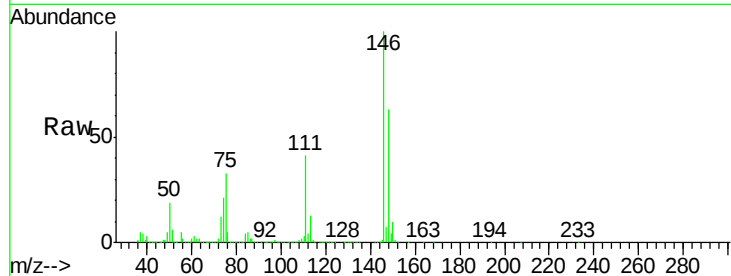




#87
 1,3-Dichlorobenzene
 Concen: 54.413 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

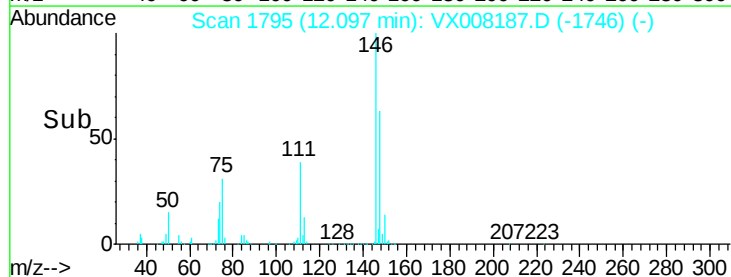
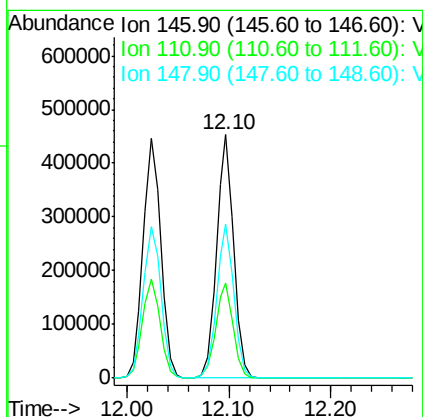
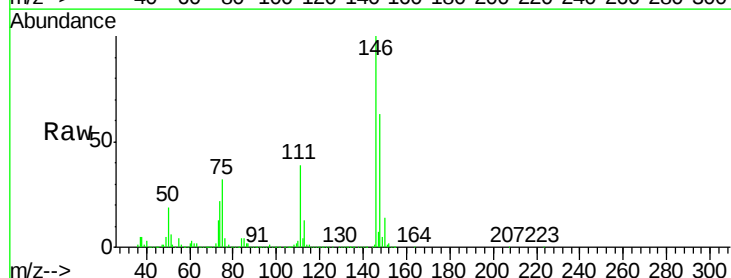
Instrument :
 MSVOA_X
 ClientSampled :

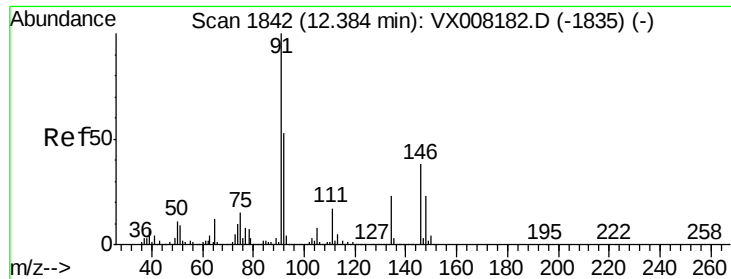
Tot Ion:146 Resp: 533846
 Ion Ratio Lower Upper
 146 100
 111 41.2 18.9 56.7
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 52.594 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008187.D
 Acq: 19 Mar 2019 13:16

Tgt Ion:146 Resp: 533735
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.4 55.0
 148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 58.856 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

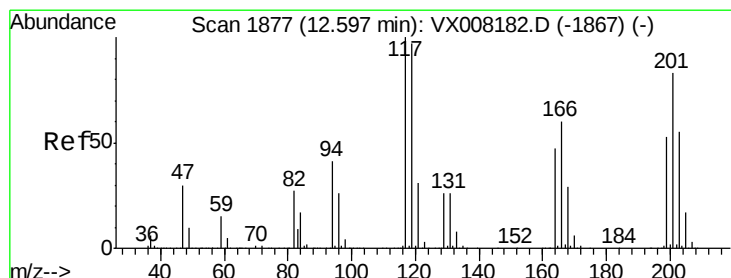
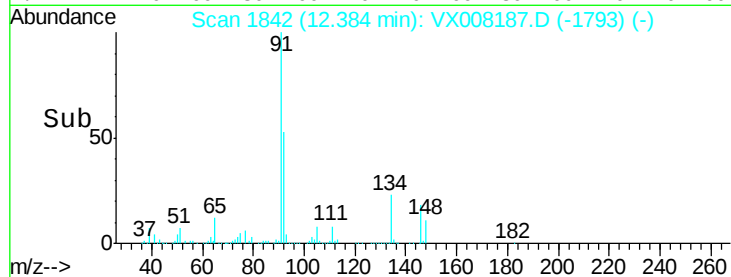
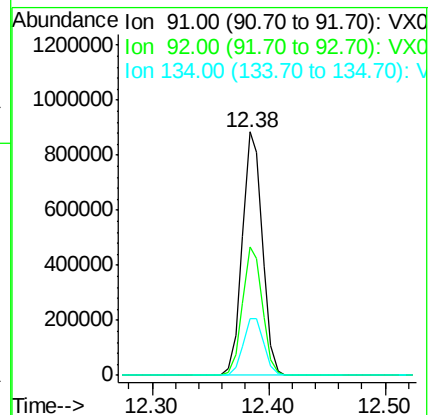
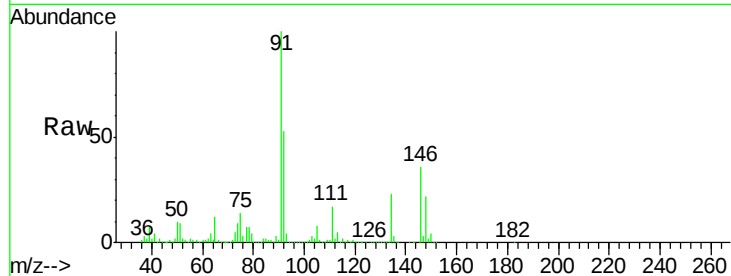
Tot Ion: 91 Resp: 1060486

Ion Ratio Lower Upper

91 100

92 52.6 27.0 80.8

134 24.0 13.7 41.0



#90

Hexachloroethane

Concen: 57.665 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008187.D

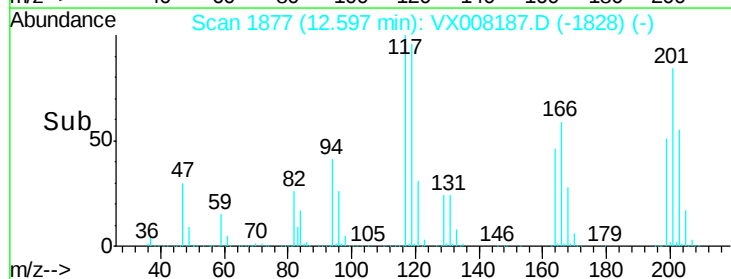
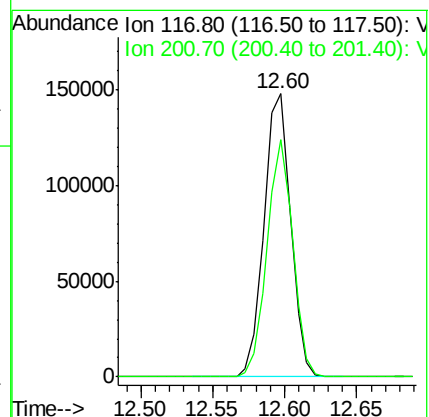
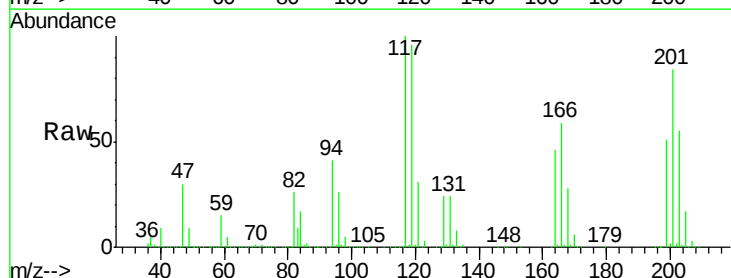
Acq: 19 Mar 2019 13:16

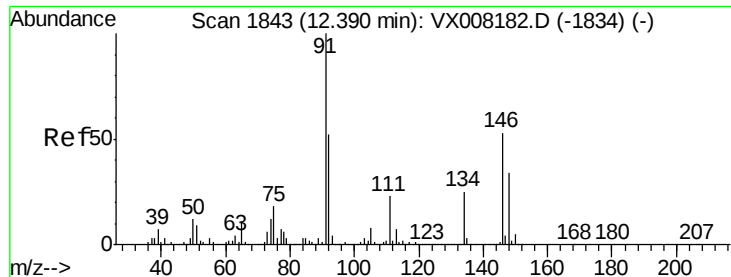
Tgt Ion: 117 Resp: 188537

Ion Ratio Lower Upper

117 100

201 80.8 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 53.172 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

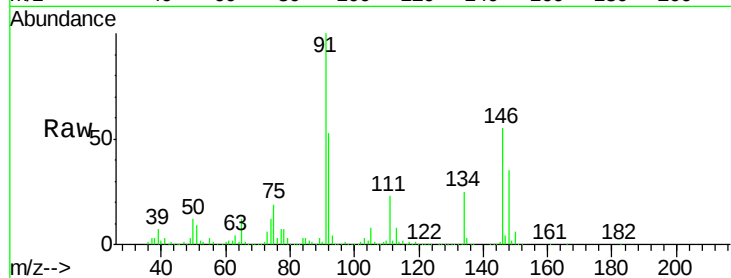
Tot Ion:146 Resp: 525993

Ion Ratio Lower Upper

146 100

111 42.7 19.6 58.8

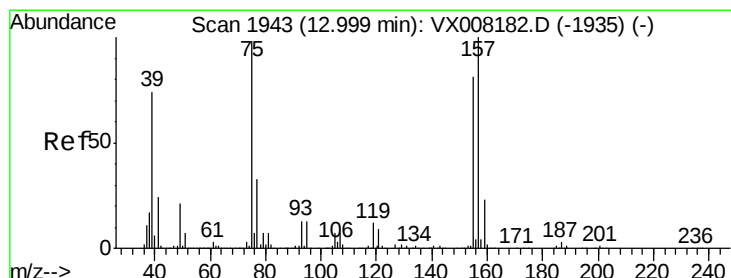
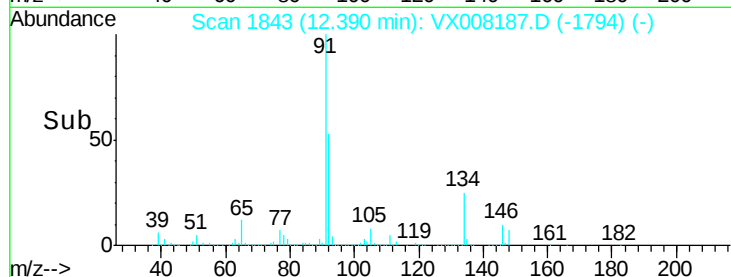
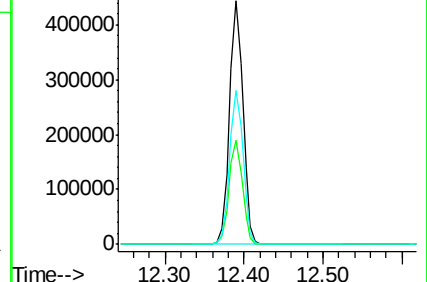
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.564 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

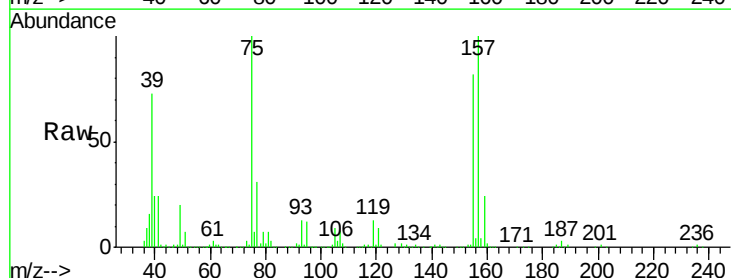
Tgt Ion: 75 Resp: 95053

Ion Ratio Lower Upper

75 100

155 78.9 49.7 149.1

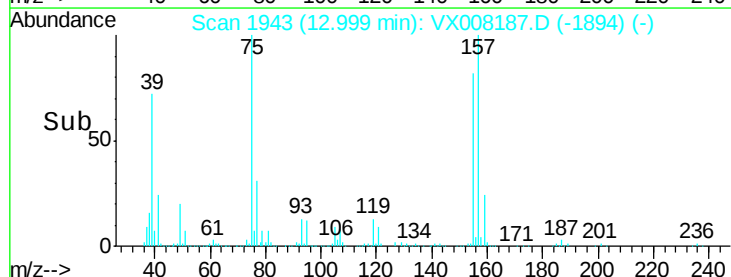
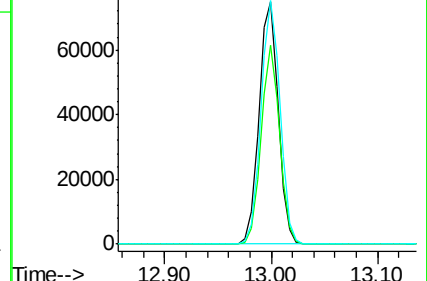
157 99.6 63.8 191.4

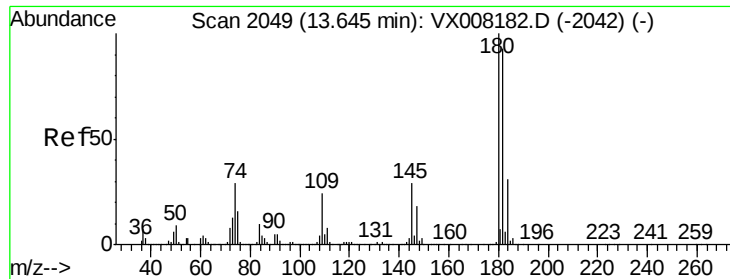


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 55.249 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

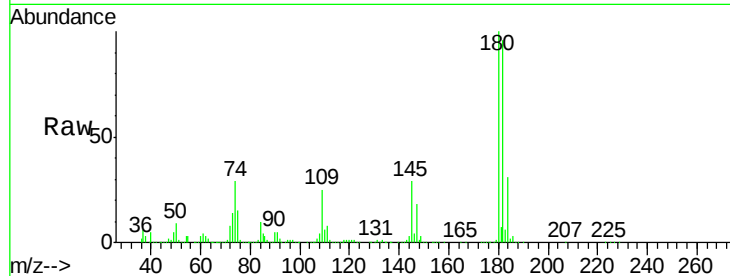
Tot Ion:180 Resp: 360002

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

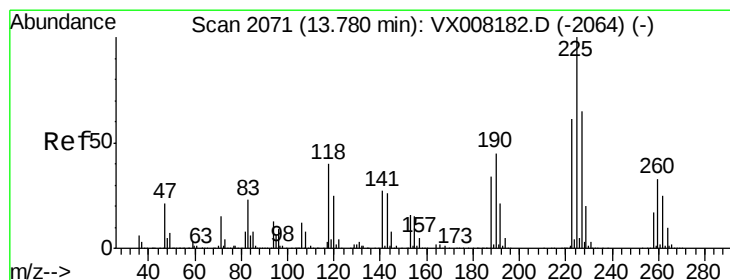
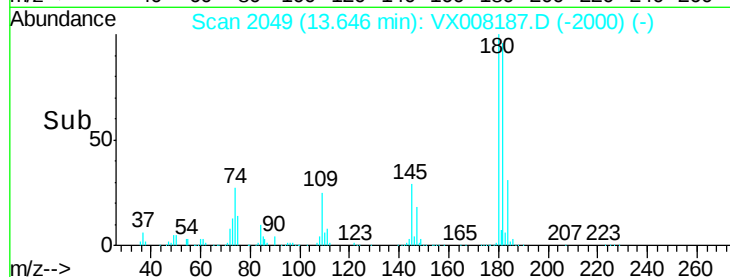
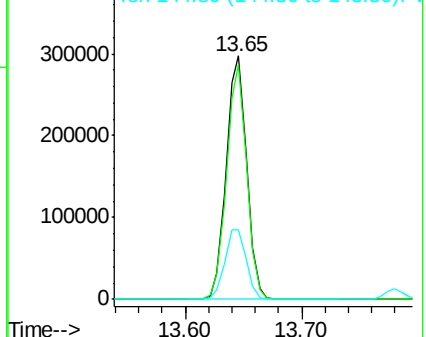
145 30.1 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 56.501 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

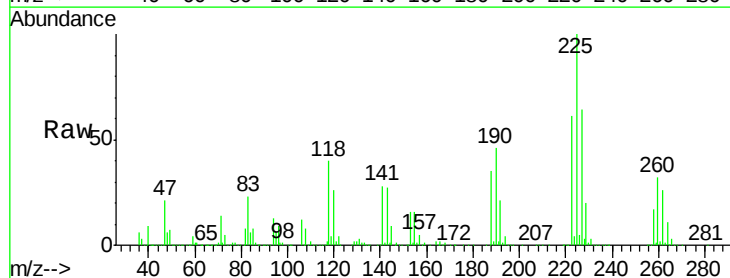
Tgt Ion:225 Resp: 179553

Ion Ratio Lower Upper

225 100

223 61.5 31.1 93.2

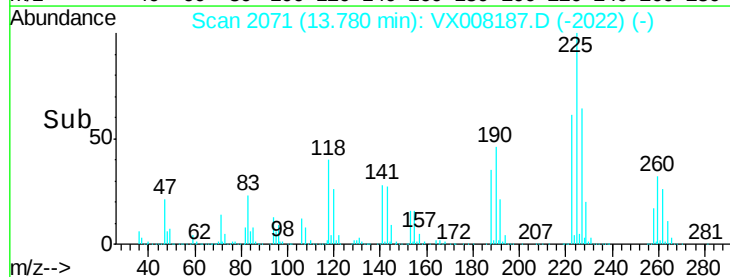
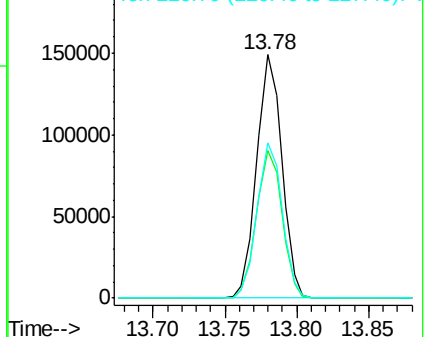
227 63.9 32.0 96.0

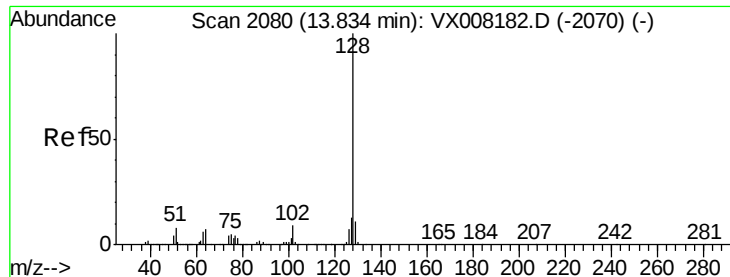


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.722 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

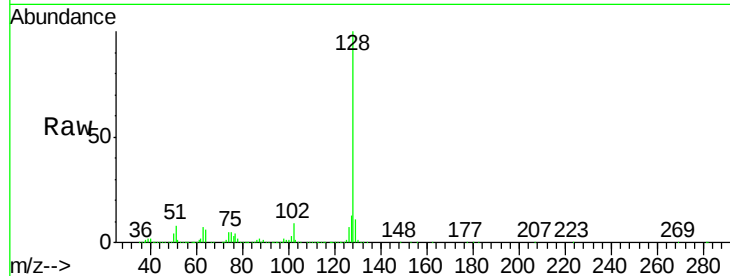
Tot Ion:128 Resp: 1145954

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

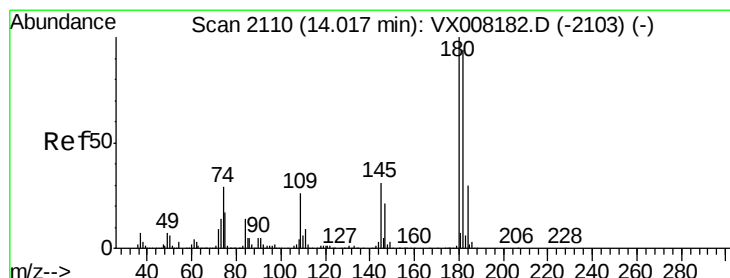
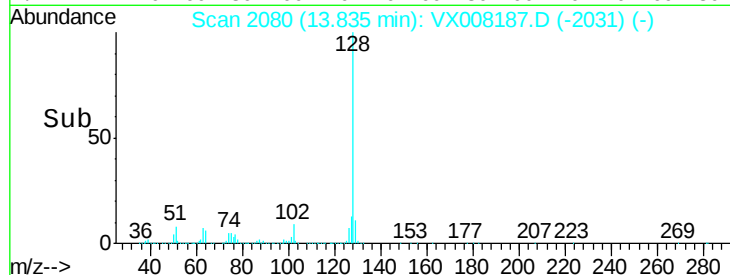
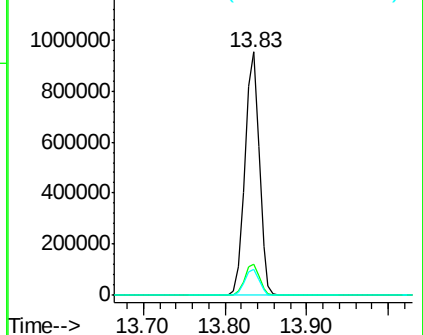
129 11.1 8.7 13.1



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: 54.812 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008187.D

Acq: 19 Mar 2019 13:16

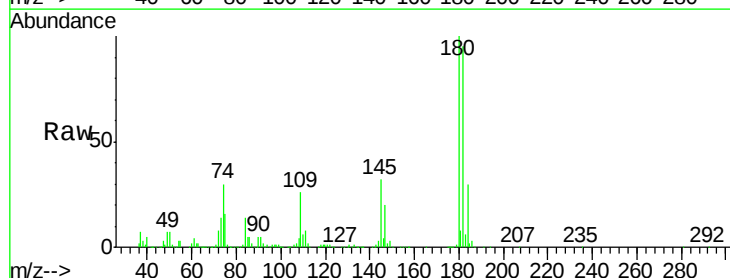
Tgt Ion:180 Resp: 351430

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 32.2 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

