

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001900.D
 Acq On : 22 May 2018 18:17
 Operator : JC/MD
 Sample : J2988-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 01:15:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167502	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.51	113	144507	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	8.72	98	507832	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	169956	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107656	43.81	ug/l	99
3) Chloromethane	1.32	50	133690	50.36	ug/l	100
4) Vinyl Chloride	1.40	62	137749	48.00	ug/l	99
5) Bromomethane	1.64	94	60424	50.03	ug/l	99
6) Chloroethane	1.72	64	97521	53.95	ug/l	98
7) Trichlorofluoromethane	1.92	101	203895	48.89	ug/l	98
8) Diethyl Ether	2.19	74	89888	52.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119398	47.56	ug/l	100
10) Methyl Iodide	2.51	142	172944	74.88	ug/l	99
11) Tert butyl alcohol	3.09	59	191868	329.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113256	46.80	ug/l	98
13) Acrolein	2.30	56	70843	171.42	ug/l	97
14) Allyl chloride	2.73	41	242023	54.10	ug/l	98
15) Acrylonitrile	3.15	53	434647	296.98	ug/l	100
16) Acetone	2.45	43	380994	295.55	ug/l	98
17) Carbon Disulfide	2.57	76	250823	39.73	ug/l	98
18) Methyl Acetate	2.78	43	241758	64.15	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	442920	54.30	ug/l	100
20) Methylene Chloride	2.86	84	138913	50.34	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	126143	47.31	ug/l	98
22) Diisopropyl ether	3.88	45	471225	54.91	ug/l	97
23) Vinyl Acetate	3.83	43	1566072	253.28	ug/l	98
24) 1,1-Dichloroethane	3.70	63	248864	52.88	ug/l	99
25) 2-Butanone	4.72	43	644764	326.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	186865	49.32	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	166595	54.91	ug/l	99
28) Bromochloromethane	5.03	49	132508	63.38	ug/l	97
29) Tetrahydrofuran	5.18	42	412284	320.47	ug/l	98
30) Chloroform	5.22	83	273379	55.30	ug/l	99
31) Cyclohexane	5.57	56	203556	49.34	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	232513	54.43	ug/l	99
36) 1,1-Dichloropropene	5.80	75	181655	48.79	ug/l	99
37) Ethyl Acetate	4.88	43	230682	59.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	206450	52.93	ug/l	97

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207707	47.75	ug/l	99
40) Benzene	6.15	78	584990	53.33	ug/l	100
41) Methacrylonitrile	5.07	41	136677	60.91	ug/l	98
42) 1,2-Dichloroethane	6.21	62	217787	54.89	ug/l	100
43) Isopropyl Acetate	6.48	43	355854	58.60	ug/l	99
44) Trichloroethene	7.22	130	181941	53.44	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151844	56.41	ug/l	99
46) Dibromomethane	7.67	93	102771	54.37	ug/l	99
47) Bromodichloromethane	7.90	83	203781	58.10	ug/l	100
48) Methyl methacrylate	7.79	41	196111	61.35	ug/l	98
49) 1,4-Dioxane	7.77	88	87660	1424.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1239567	322.08	ug/l	100
52) Toluene	8.79	92	382255	54.23	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	226819	54.96	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	202993	55.80	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	145736	54.09	ug/l	98
56) Ethyl methacrylate	9.19	69	214948	56.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	239078	53.00	ug/l	100
59) 2-Hexanone	9.51	43	876496	318.14	ug/l	99
60) Dibromochloromethane	9.59	129	156400	56.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150725	53.43	ug/l	99
64) Tetrachloroethene	9.34	164	228153	64.30	ug/l	96
65) Chlorobenzene	10.15	112	392901	52.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	152217	57.49	ug/l	99
67) Ethyl Benzene	10.26	91	644145	53.76	ug/l	99
68) m/p-Xylenes	10.37	106	513005	108.52	ug/l	100
69) o-Xylene	10.71	106	253370	55.97	ug/l	100
70) Styrene	10.72	104	405029	54.24	ug/l	99
71) Bromoform	10.87	173	130452	52.76	ug/l	100
73) Isopropylbenzene	11.02	105	674679	57.51	ug/l	100
74) N-amyl acetate	6.48	43	355854	63.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	212907	60.50	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	250139	73.84	ug/l	90
77) Bromobenzene	11.26	156	193203	56.04	ug/l	99
78) n-propylbenzene	11.37	91	734636	55.58	ug/l	99
79) 2-Chlorotoluene	11.43	91	445983	56.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	556293	57.80	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58157	51.09	ug/l	97
82) 4-Chlorotoluene	11.52	91	511840	54.96	ug/l	99
83) tert-Butylbenzene	11.77	119	574590	59.99	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	577876	57.98	ug/l	100
85) sec-Butylbenzene	11.95	105	668192	56.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	617526	56.45	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	342958	53.80	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	345847	52.46	ug/l	100
89) n-Butylbenzene	12.40	91	484254	51.18	ug/l	100
90) Hexachloroethane	12.60	117	101440	59.70	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	356134	56.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50067	66.66	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	258511	51.06	ug/l	100

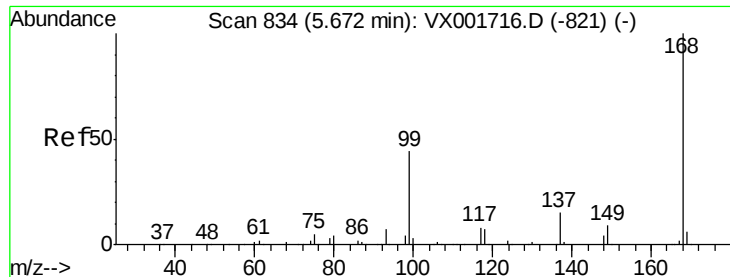
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	132526	48.75	ug/l	98
95) Naphthalene	13.84	128	778054	59.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274873	53.91	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

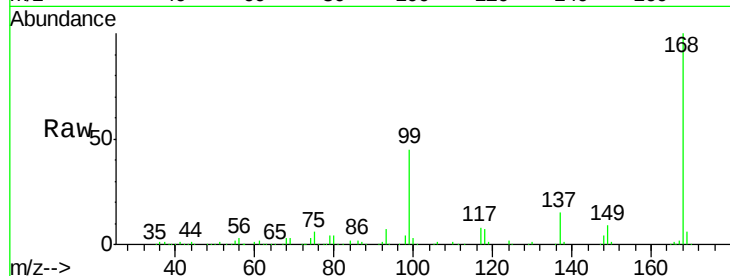
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 244865

Ion Ratio Lower Upper

168 100

99 44.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

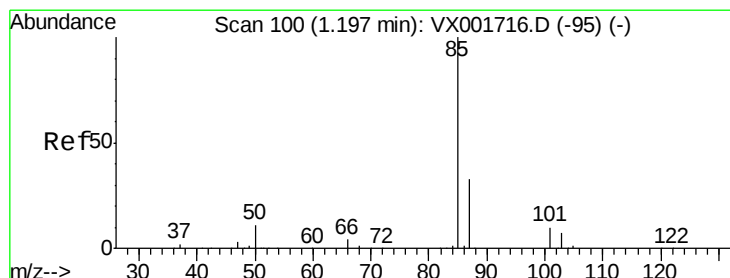
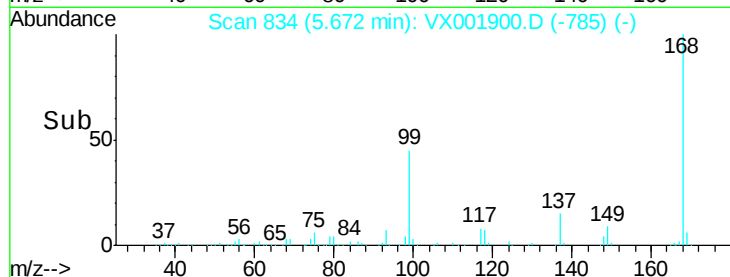
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001900.D

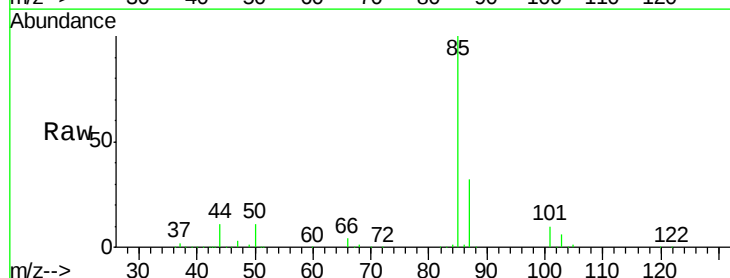
Acq: 22 May 2018 18:17

Tgt Ion: 85 Resp: 107656

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

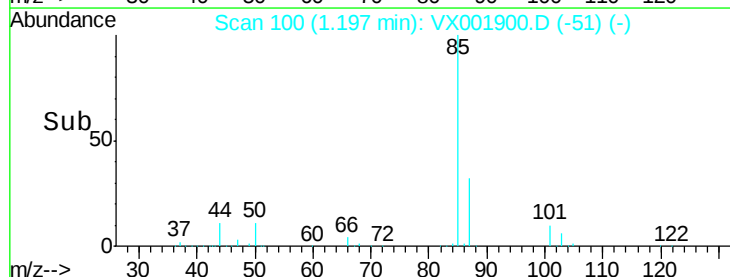
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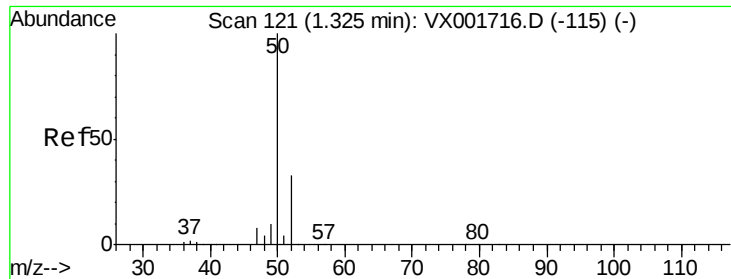
40000

20000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

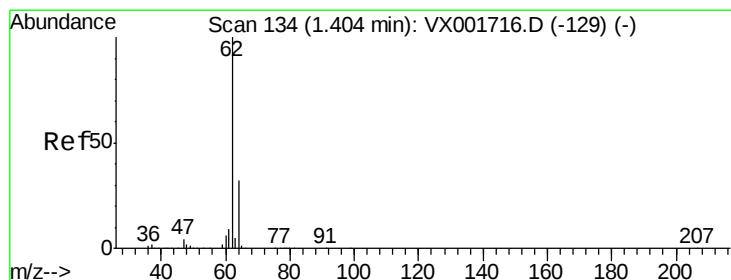
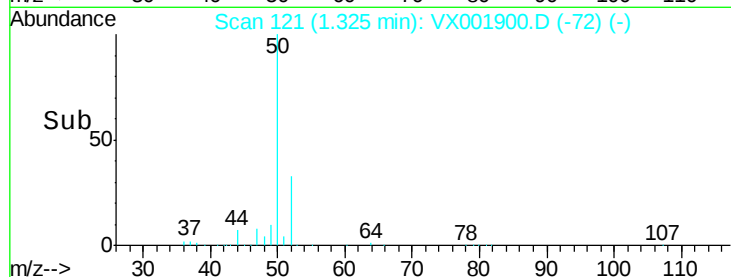
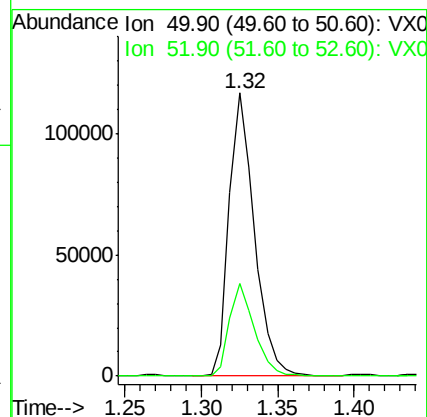
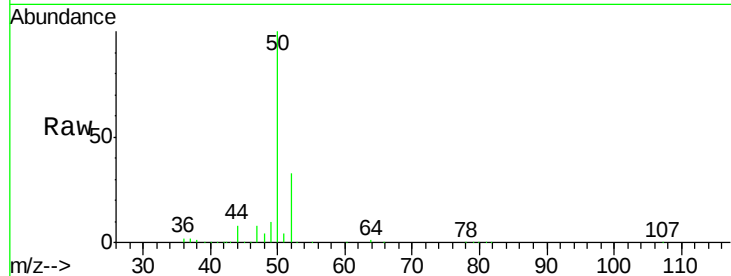
ClientSampleId :

Tot Ion: 50 Resp: 133690

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 48.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001900.D

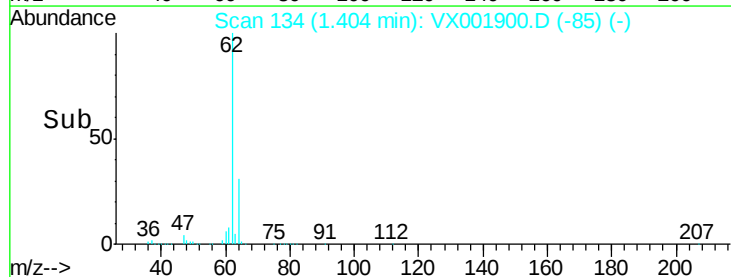
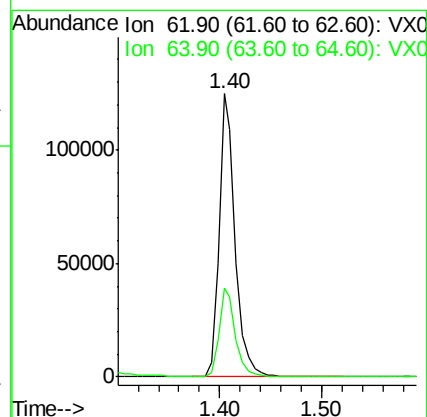
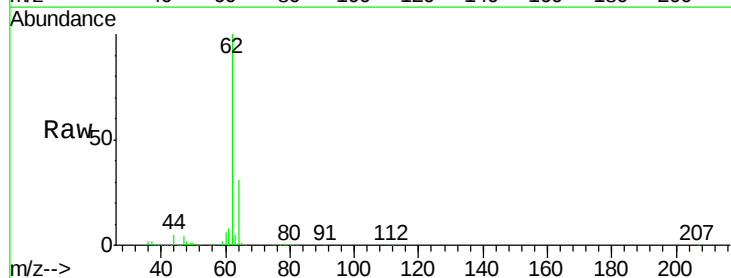
Acq: 22 May 2018 18:17

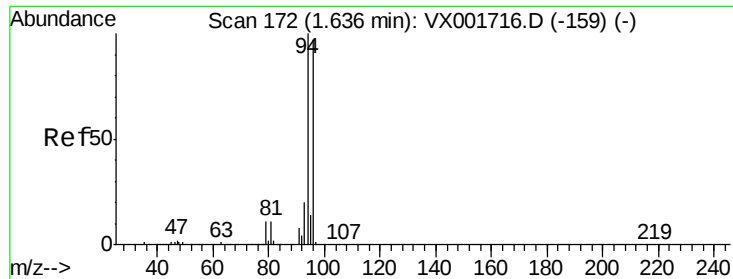
Tgt Ion: 62 Resp: 137749

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 50.03 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

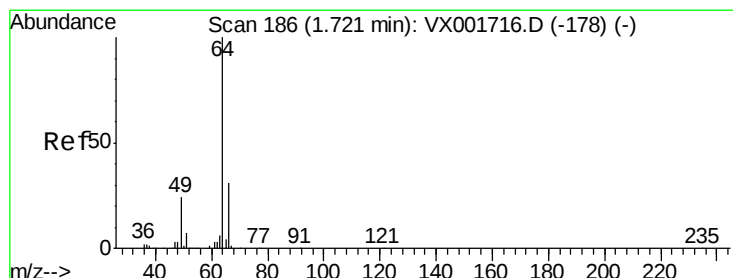
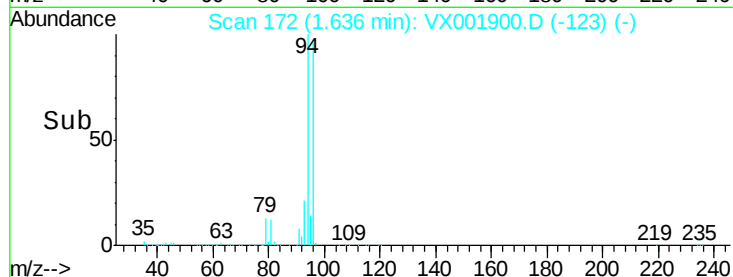
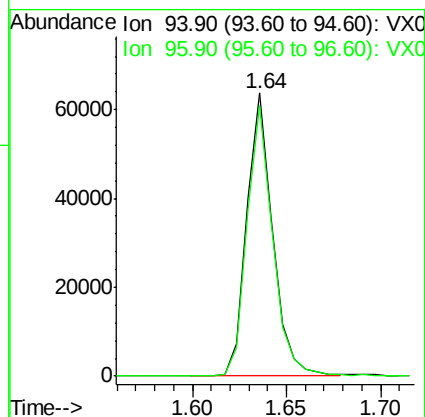
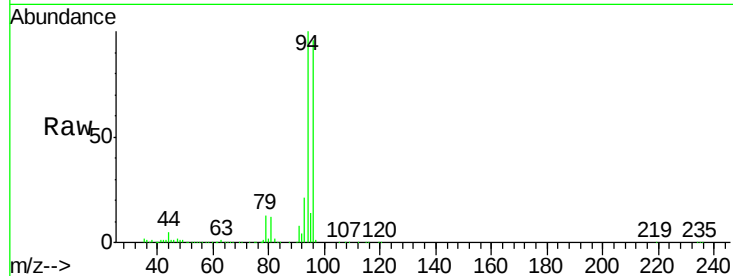
ClientSampleId :

Tot Ion: 94 Resp: 60424

Ion Ratio Lower Upper

94 100

96 95.9 77.4 116.0



#6

Chloroethane

Concen: 53.95 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001900.D

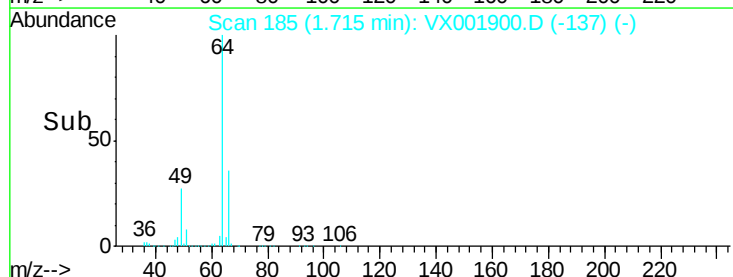
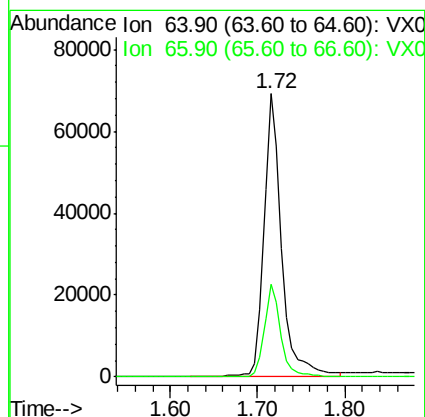
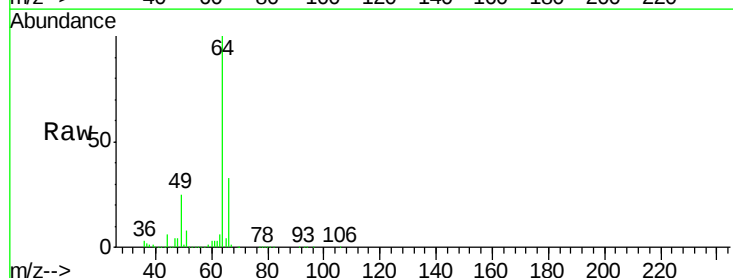
Acq: 22 May 2018 18:17

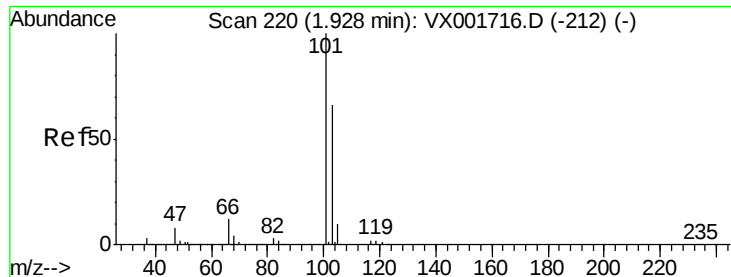
Tgt Ion: 64 Resp: 97521

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



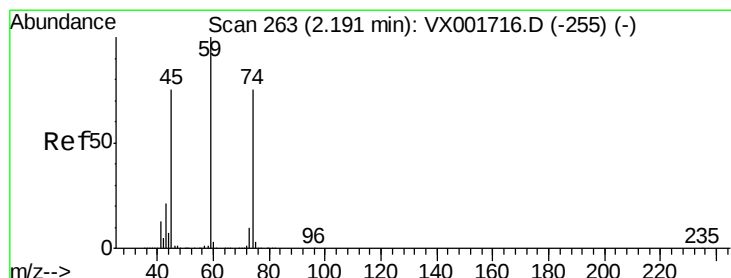
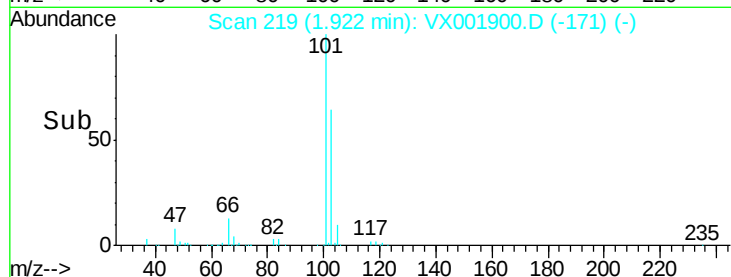
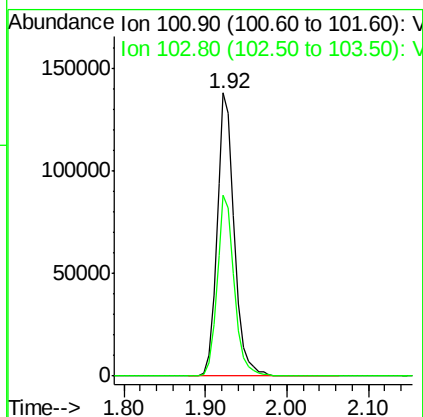
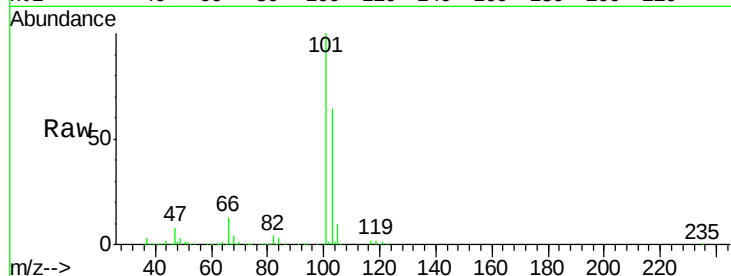


#7

Trichlorofluoromethane
 Concen: 48.89 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

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 MSVOA_X
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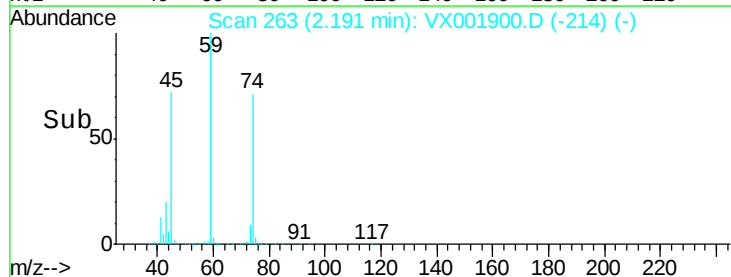
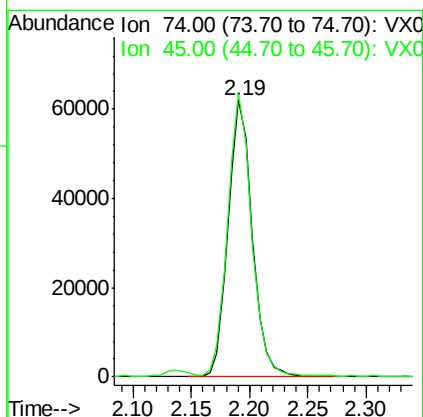
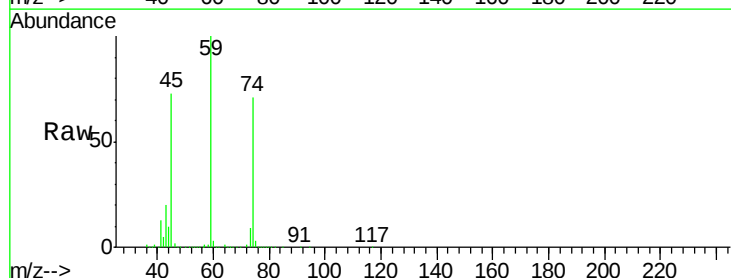
Tot Ion:101 Resp: 203895
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.6 78.8

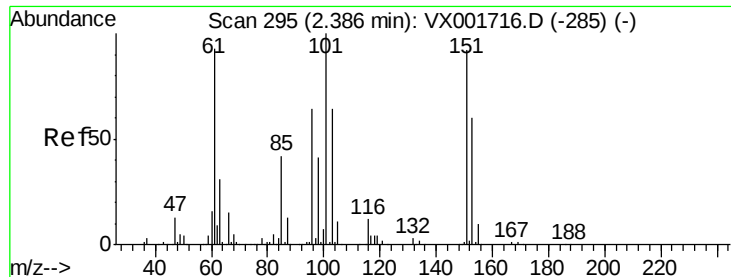


#8

Diethyl Ether
 Concen: 52.37 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 74 Resp: 89888
 Ion Ratio Lower Upper
 74 100
 45 100.8 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.56 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

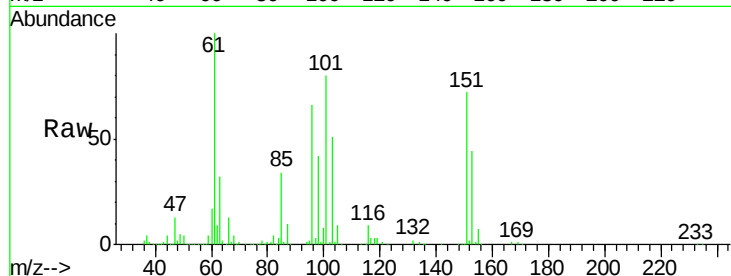
Tot Ion:101 Resp: 119398

Ion Ratio Lower Upper

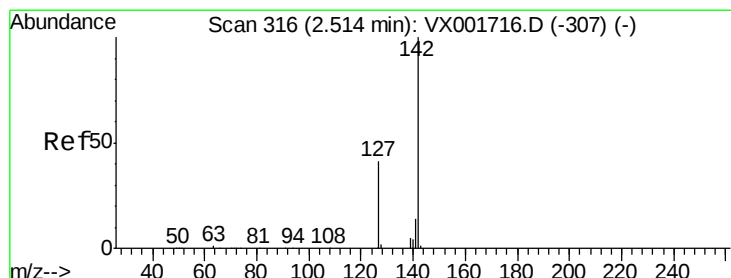
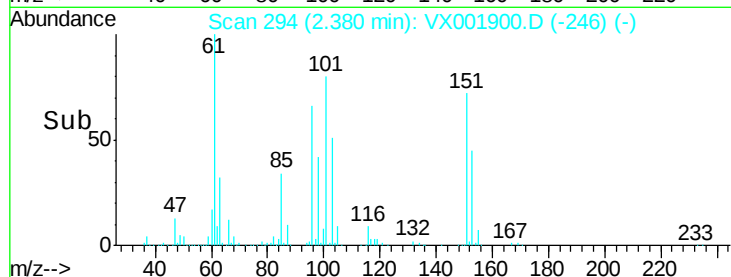
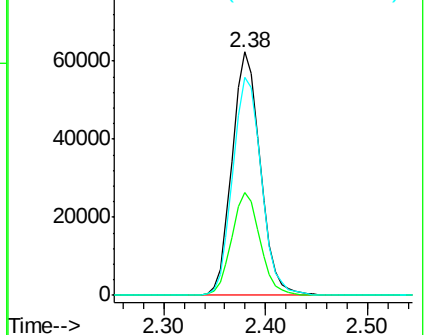
101 100

85 42.3 33.7 50.5

151 91.1 73.0 109.6



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: 74.88 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001900.D

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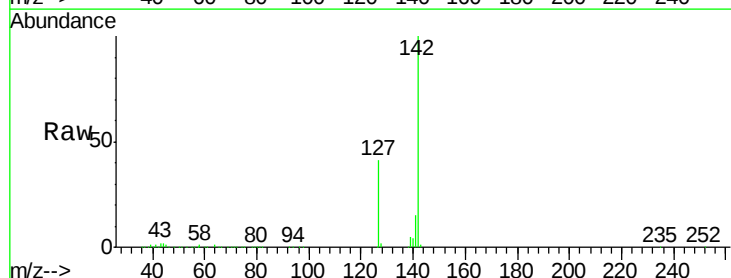
Tgt Ion:142 Resp: 172944

Ion Ratio Lower Upper

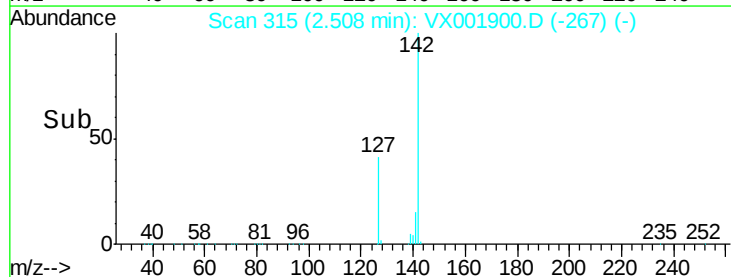
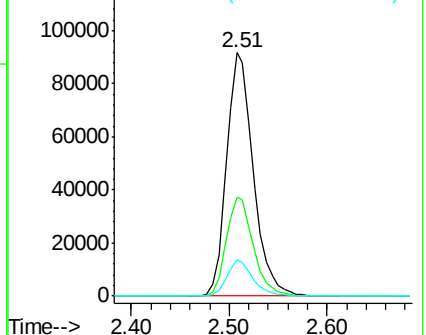
142 100

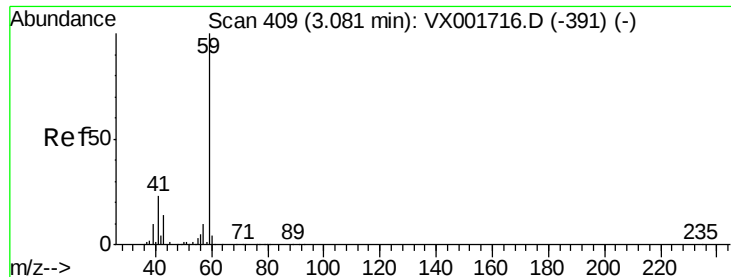
127 41.1 32.5 48.7

141 14.4 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

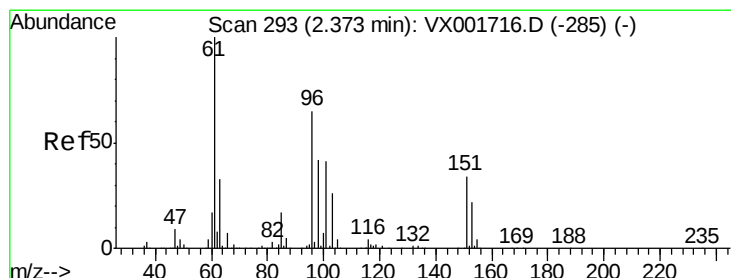
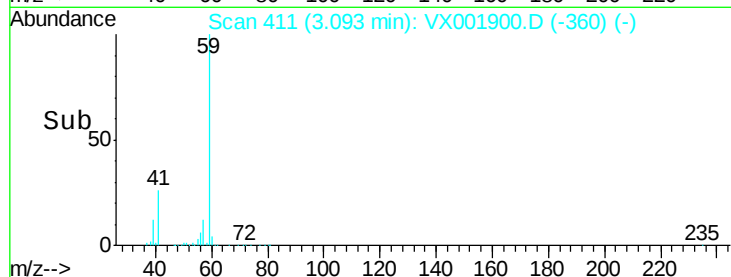
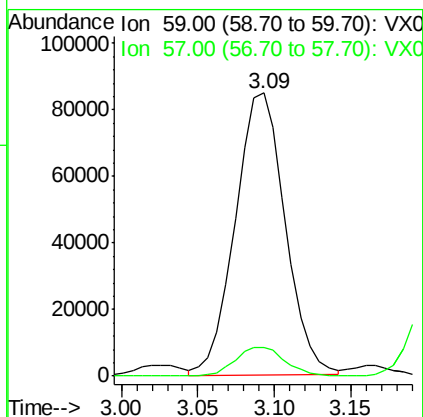
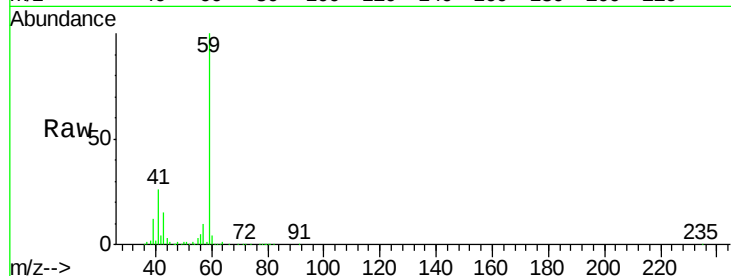




#11
Tert butyl alcohol
Concen: 329.27 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

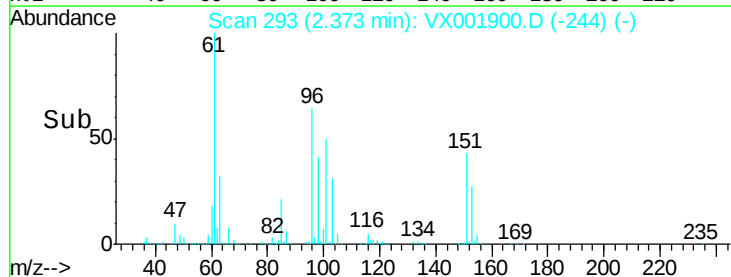
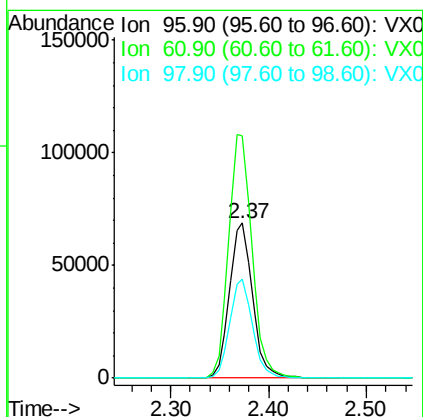
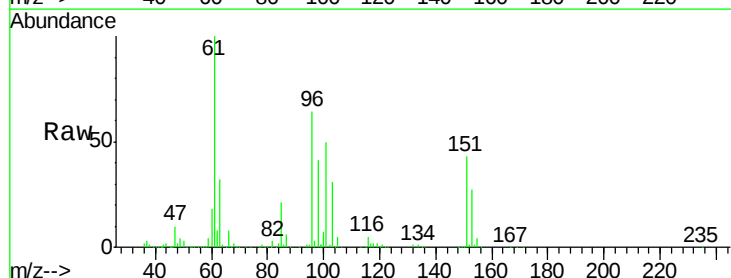
Instrument :
MSVOA_X
ClientSampleId :

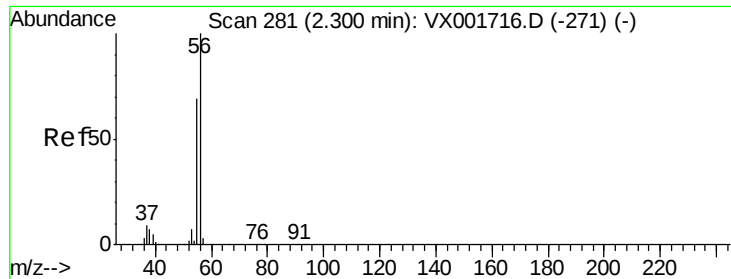
Tot Ion: 59 Resp: 191868
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.80 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 96 Resp: 113256
Ion Ratio Lower Upper
96 100
61 156.0 122.2 183.2
98 64.1 51.4 77.0





#13

Acrolein

Concen: 171.42 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

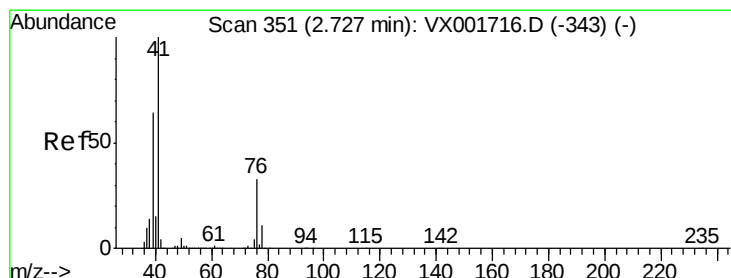
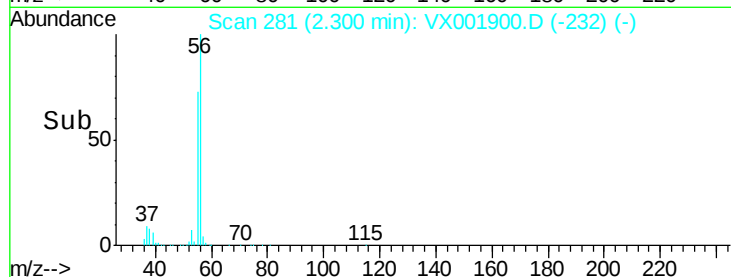
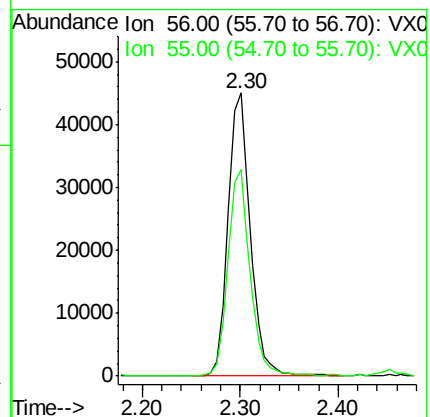
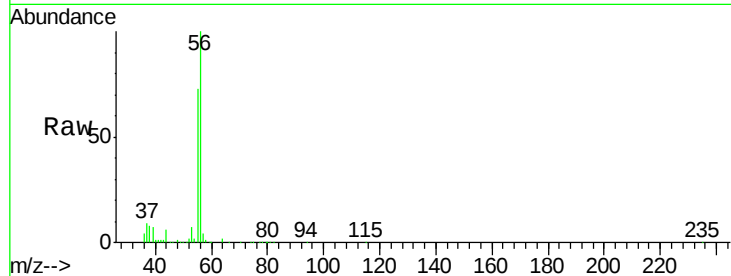
ClientSampleId :

Tot Ion: 56 Resp: 70843

Ion Ratio Lower Upper

56 100

55 72.7 56.2 84.2



#14

Allyl chloride

Concen: 54.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

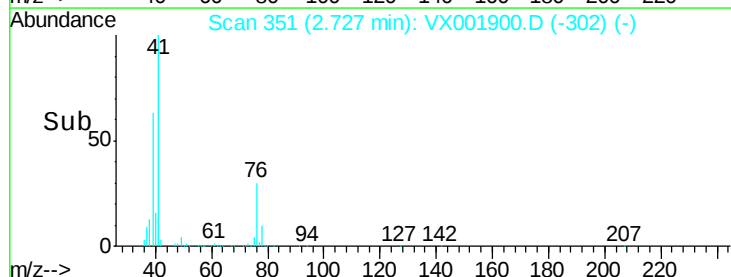
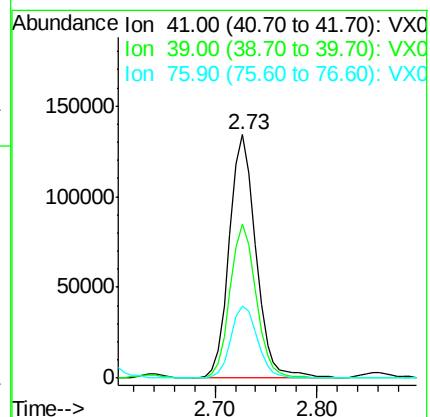
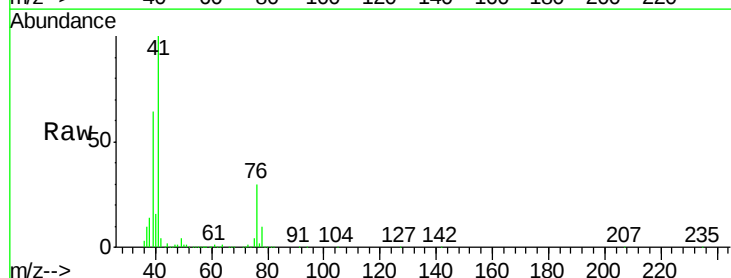
Tgt Ion: 41 Resp: 242023

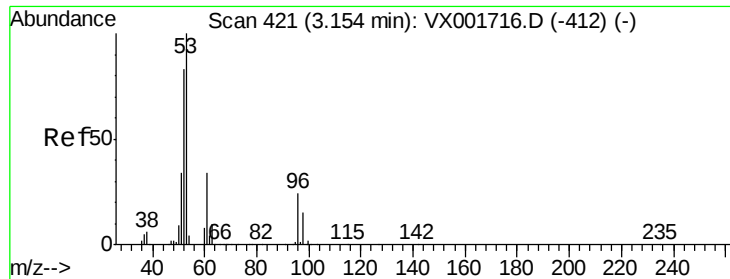
Ion Ratio Lower Upper

41 100

39 62.1 49.8 74.6

76 29.5 25.8 38.8

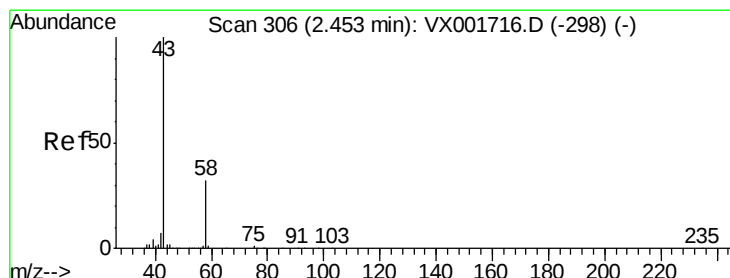
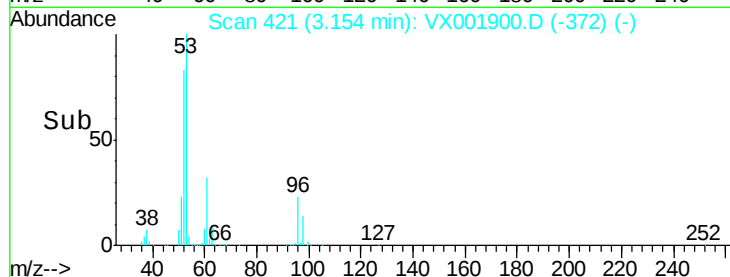
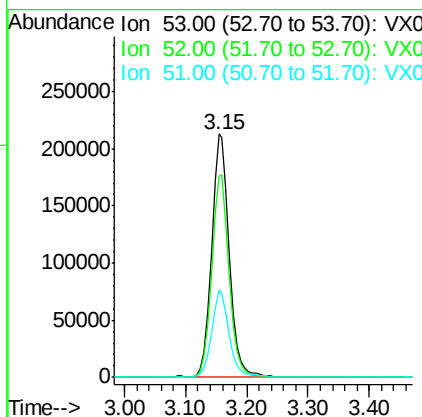
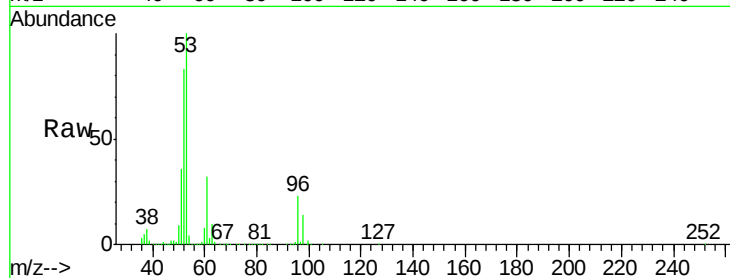




#15
 Acrylonitrile
 Concen: 296.98 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

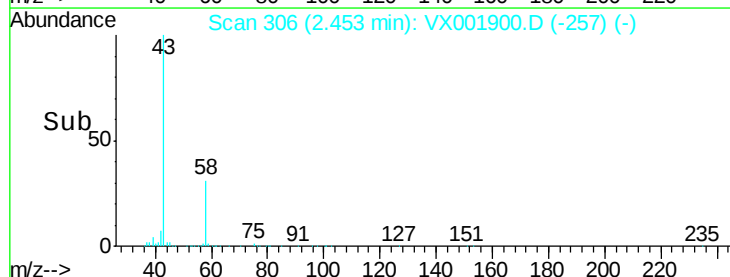
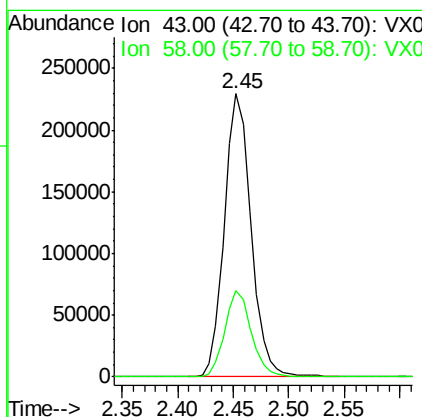
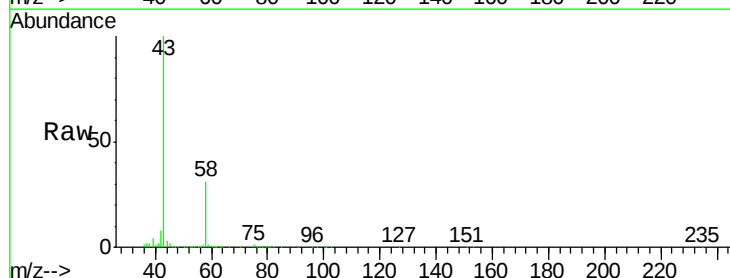
Instrument :
 MSVOA_X
 ClientSampled :

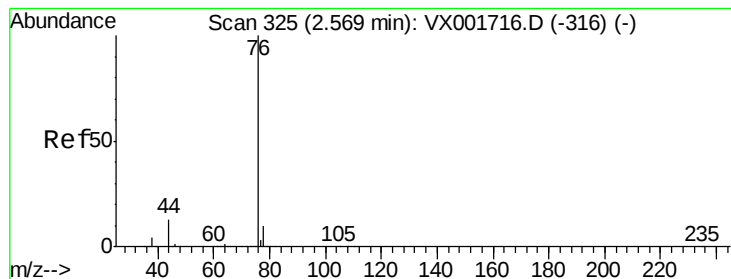
Tot Ion: 53 Resp: 434647
 Ion Ratio Lower Upper
 53 100
 52 82.0 65.6 98.4
 51 35.4 28.1 42.1



#16
 Acetone
 Concen: 295.55 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 43 Resp: 380994
 Ion Ratio Lower Upper
 43 100
 58 30.5 25.3 37.9





#17

Carbon Disulfide

Concen: 39.73 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

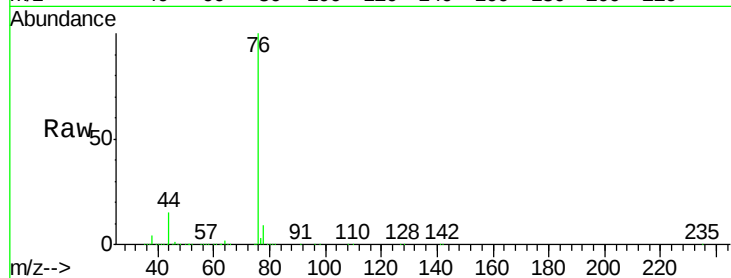
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 250823

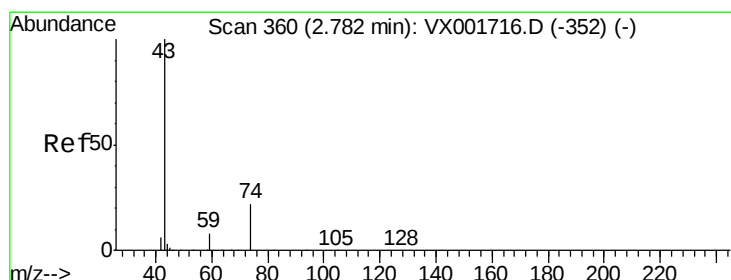
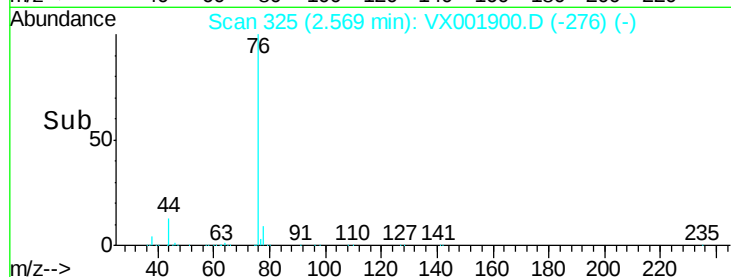
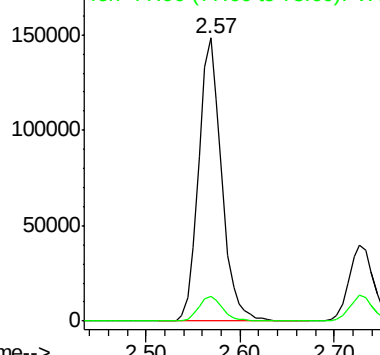
Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 64.15 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001900.D

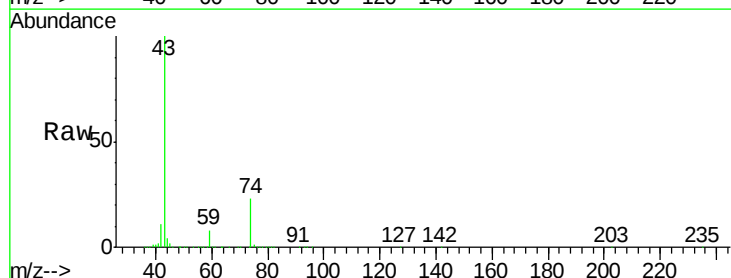
Acq: 22 May 2018 18:17

Tgt Ion: 43 Resp: 241758

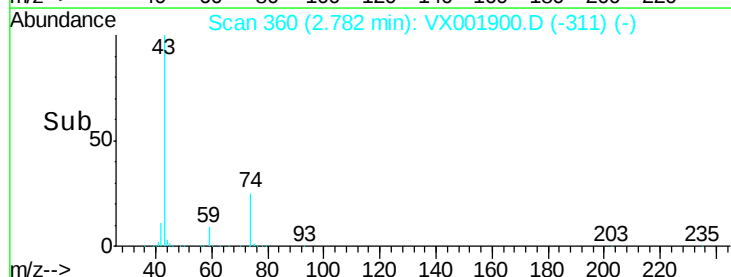
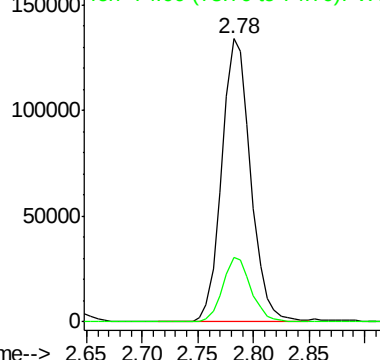
Ion Ratio Lower Upper

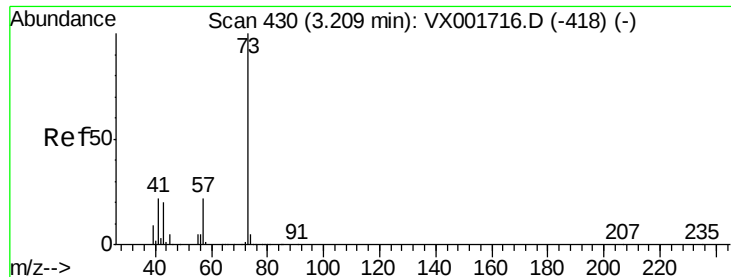
43 100

74 22.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

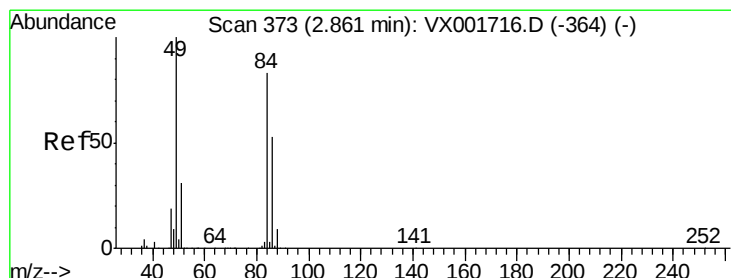
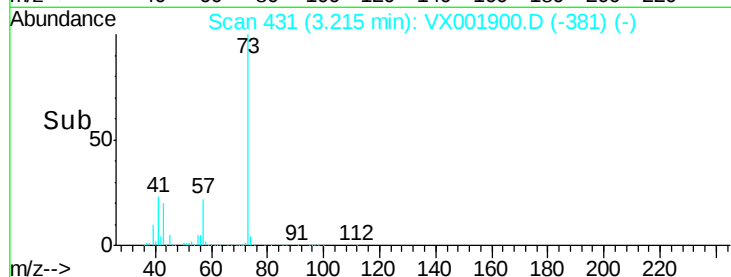
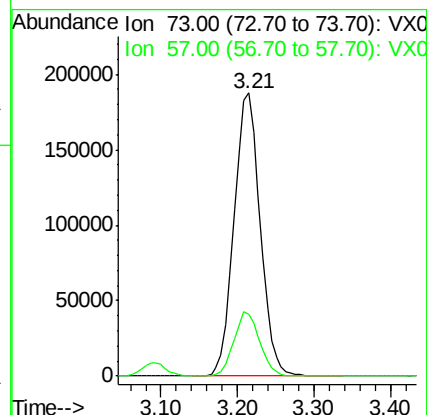
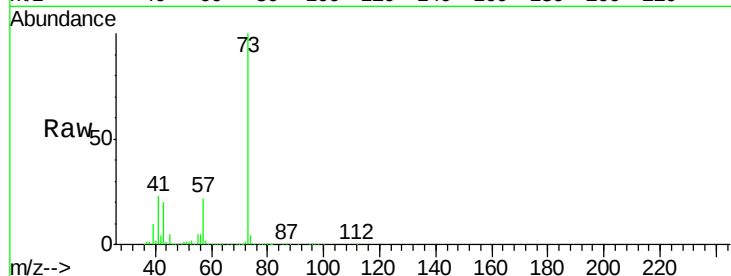




#19
Methvl tert-butvl Ether
Concen: 54.30 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

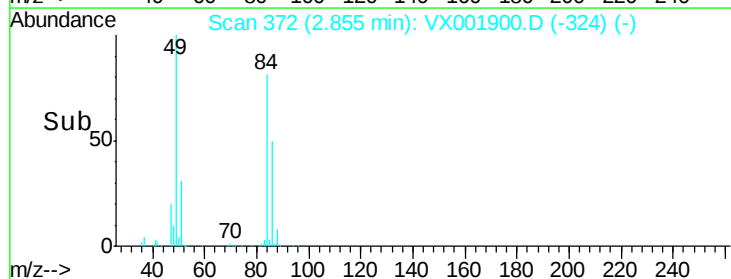
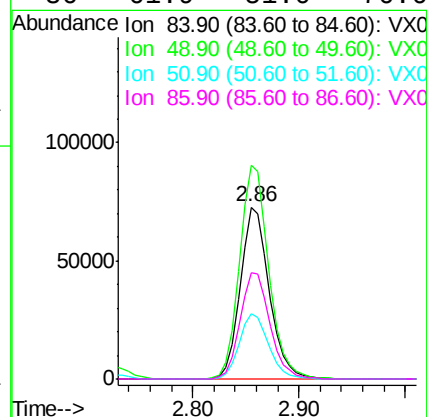
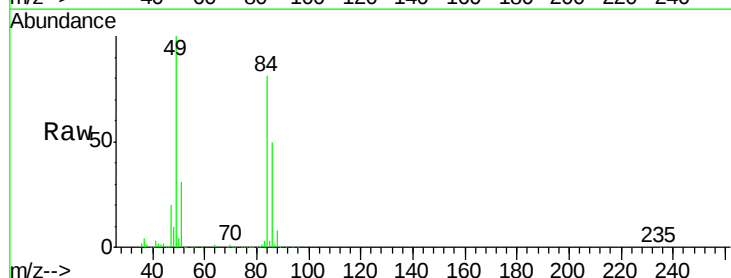
Instrument :
MSVOA_X
ClientSampleId :

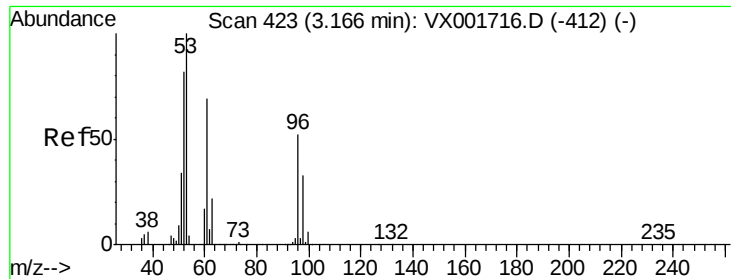
Tot Ion: 73 Resp: 442920
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 50.34 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 84 Resp: 138913
Ion Ratio Lower Upper
84 100
49 124.0 96.3 144.5
51 37.9 29.8 44.6
86 61.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.31 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

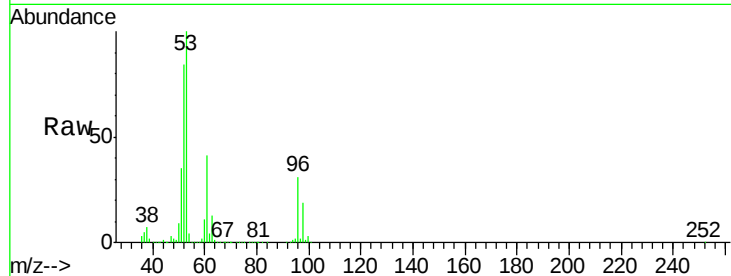
Tot Ion: 96 Resp: 126143

Ion Ratio Lower Upper

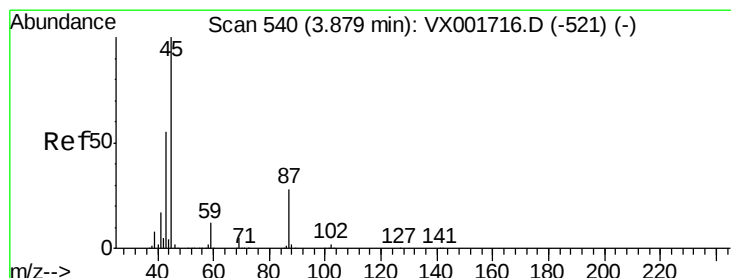
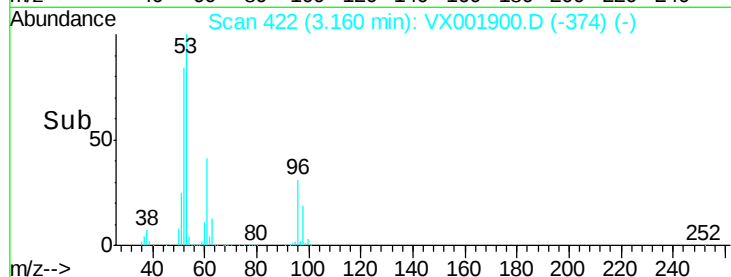
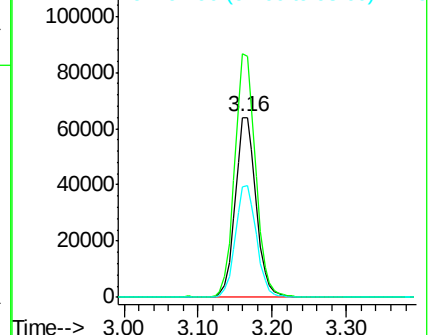
96 100

61 135.2 105.8 158.8

98 61.6 50.2 75.4



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



#22

Diisopropyl ether

Concen: 54.91 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Tgt Ion: 45 Resp: 471225

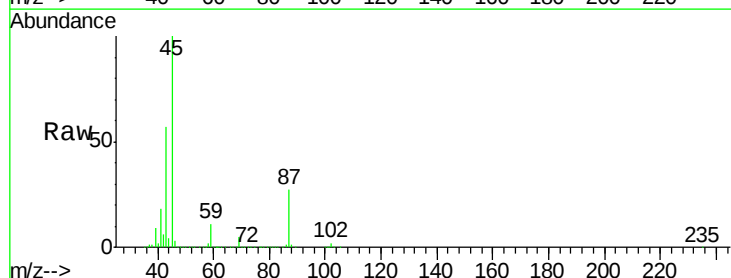
Ion Ratio Lower Upper

45 100

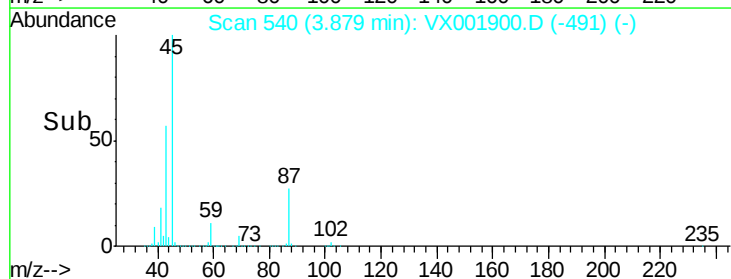
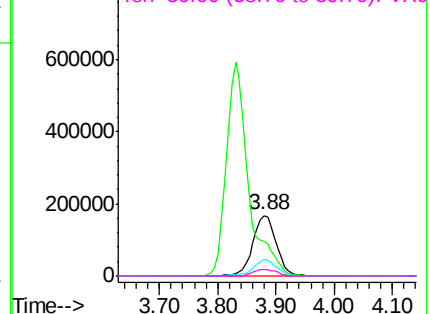
43 57.2 44.3 66.5

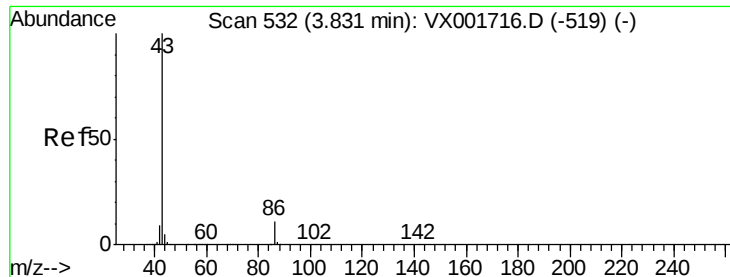
87 26.6 22.6 33.8

59 11.1 9.4 14.0



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





#23

Vinyl Acetate

Concen: 253.28 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

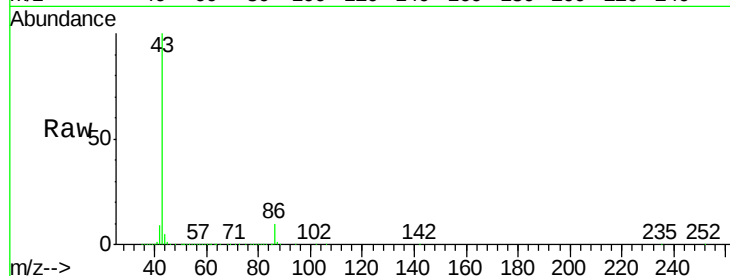
ClientSampleId :

Tot Ion: 43 Resp: 1566072

Ion Ratio Lower Upper

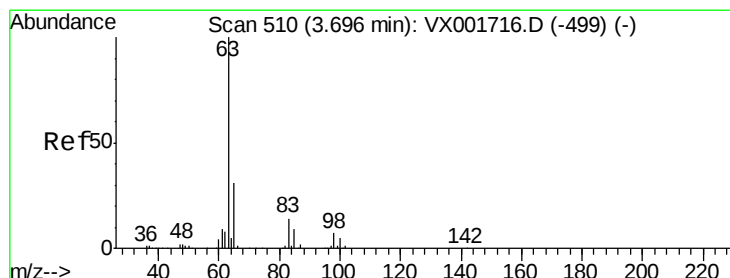
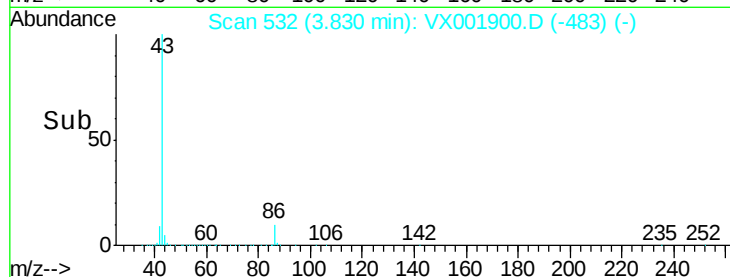
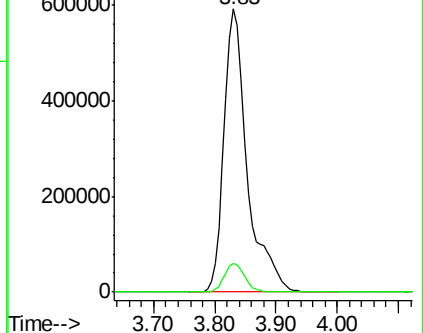
43 100

86 10.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.88 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

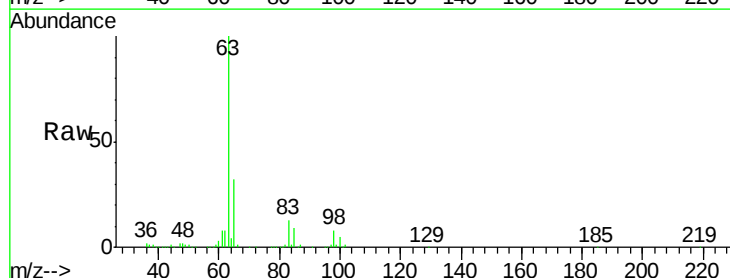
Tgt Ion: 63 Resp: 248864

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

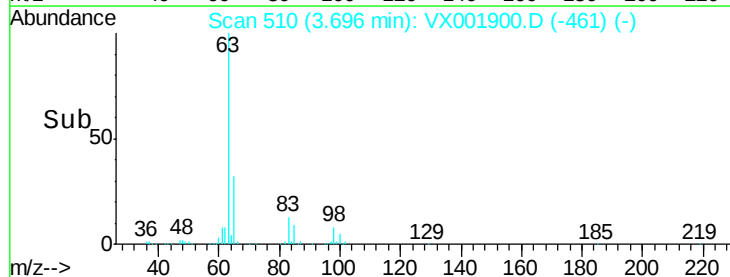
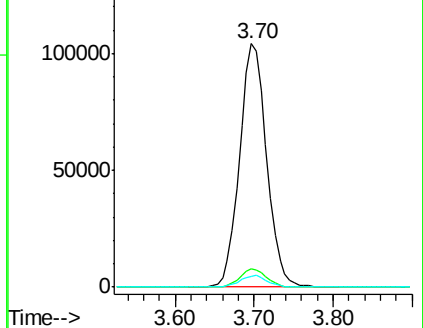
100 4.6 2.4 7.2

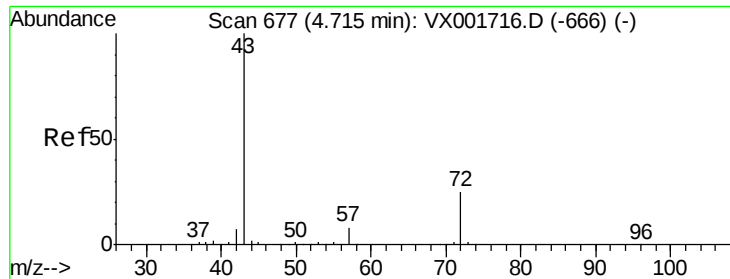


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 326.69 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

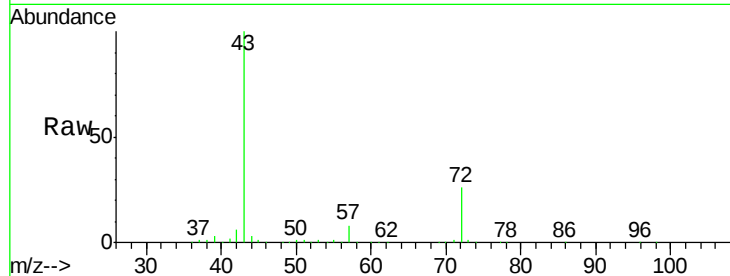
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 644764

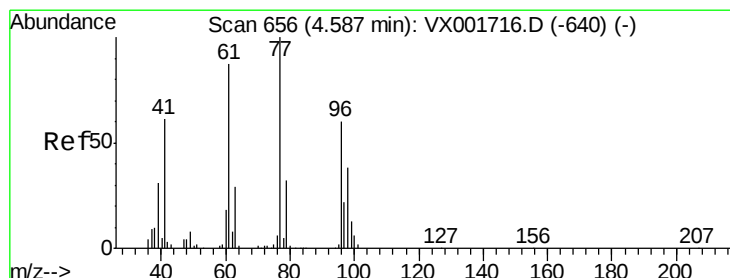
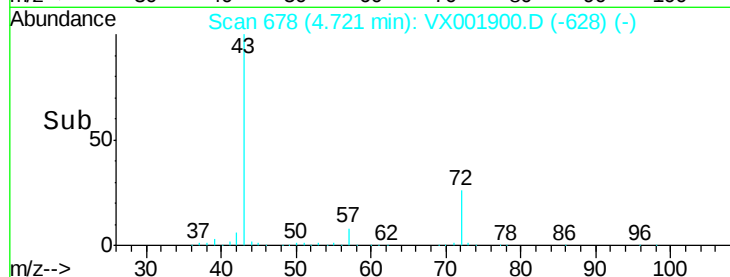
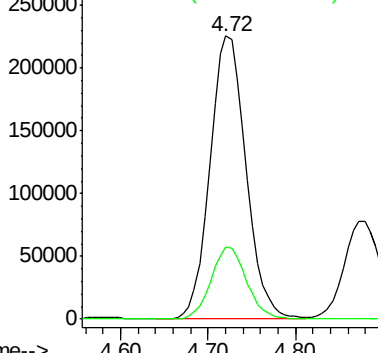
Ion Ratio Lower Upper

43 100

72 25.5 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.32 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001900.D

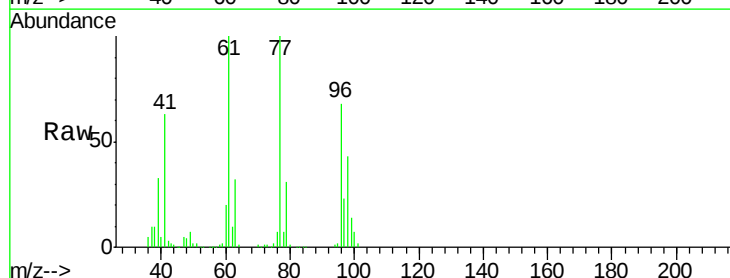
Acq: 22 May 2018 18:17

Tgt Ion: 77 Resp: 186865

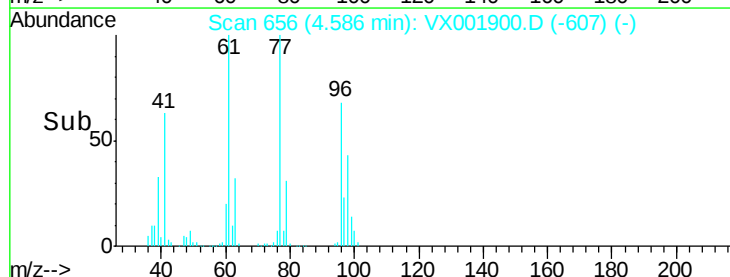
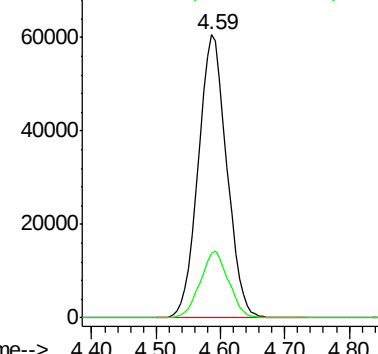
Ion Ratio Lower Upper

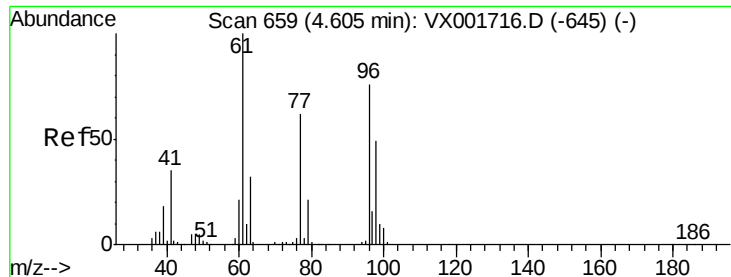
77 100

97 23.6 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 54.91 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

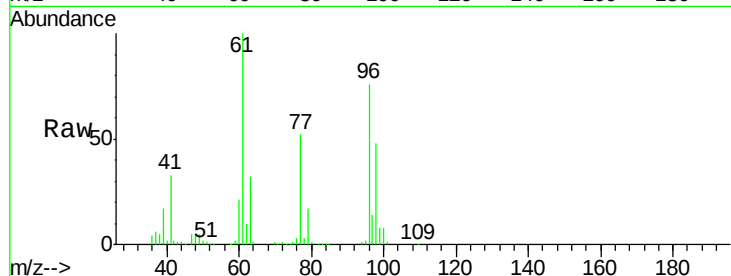
Tot Ion: 96 Resp: 166595

Ion Ratio Lower Upper

96 100

61 141.4 0.0 280.4

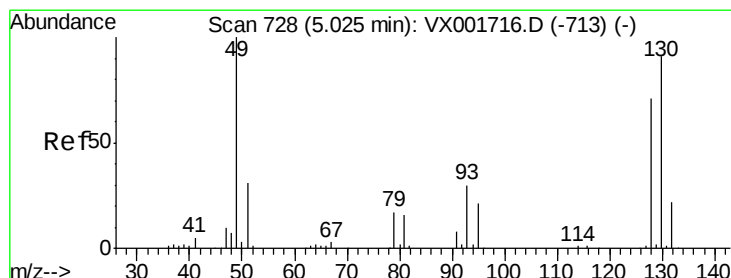
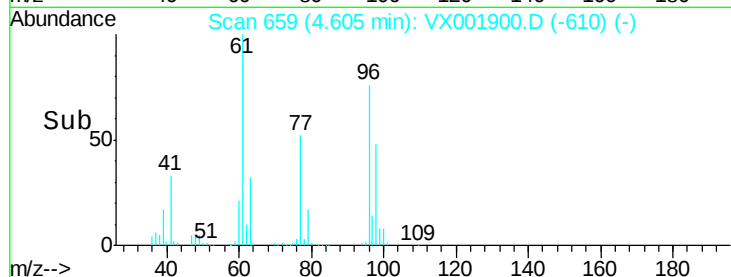
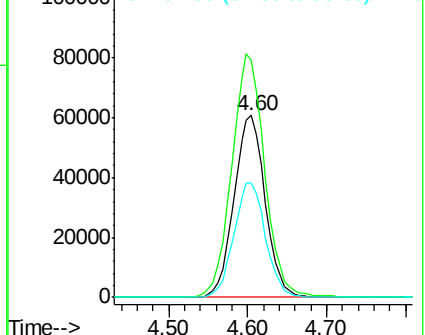
98 64.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 63.38 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

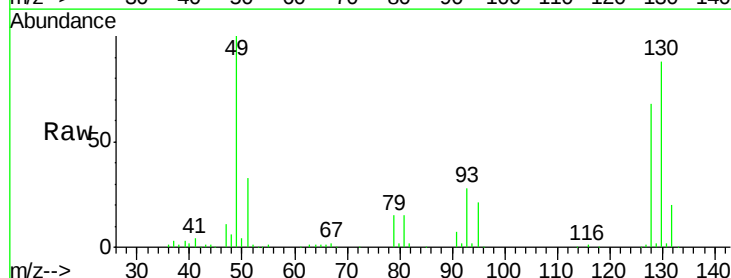
Tgt Ion: 49 Resp: 132508

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

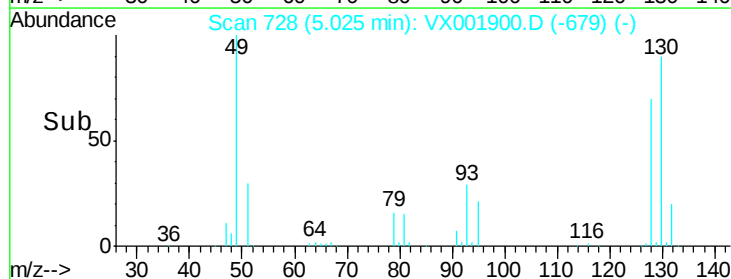
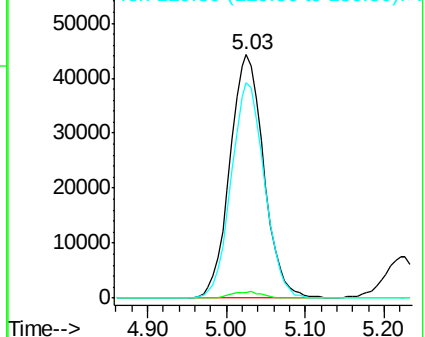
130 86.9 71.8 107.6

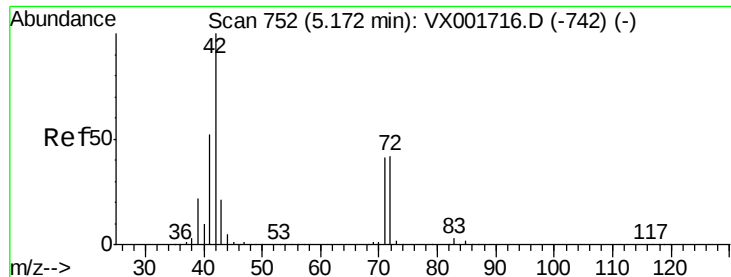


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 320.47 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

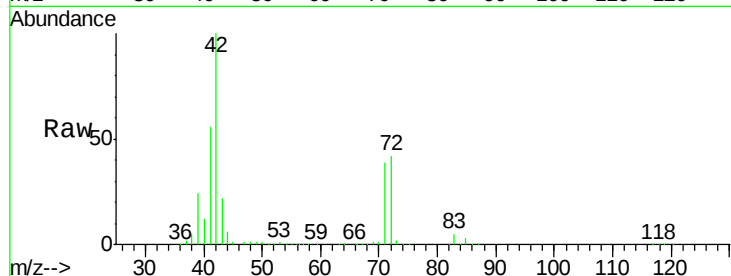
Tot Ion: 42 Resp: 412284

Ion Ratio Lower Upper

42 100

72 43.2 35.4 53.2

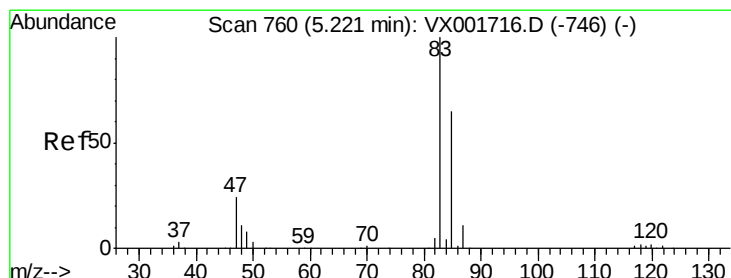
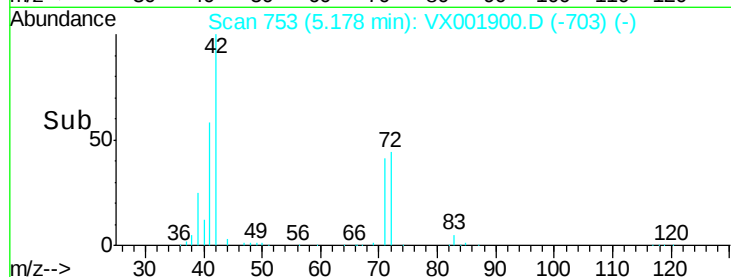
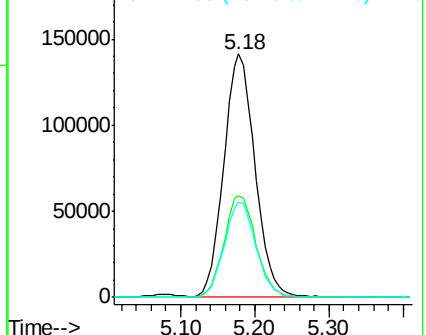
71 39.9 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.30 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001900.D

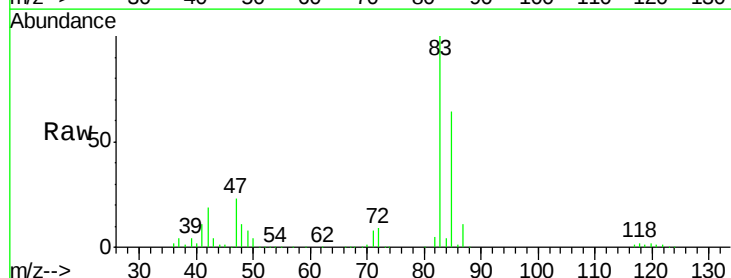
Acq: 22 May 2018 18:17

Tgt Ion: 83 Resp: 273379

Ion Ratio Lower Upper

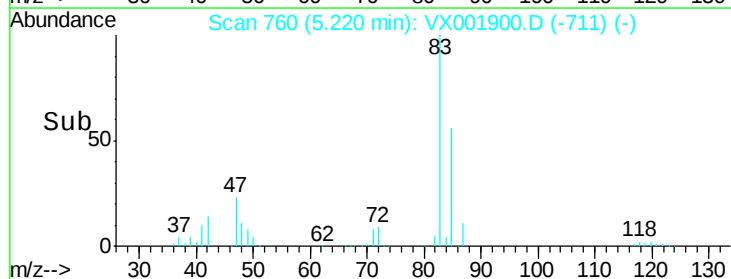
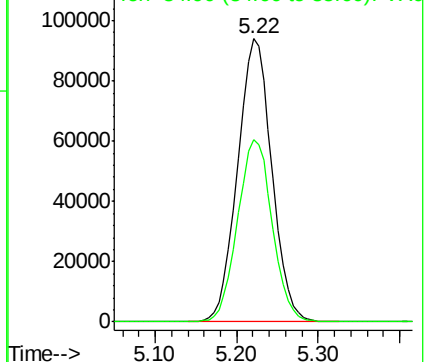
83 100

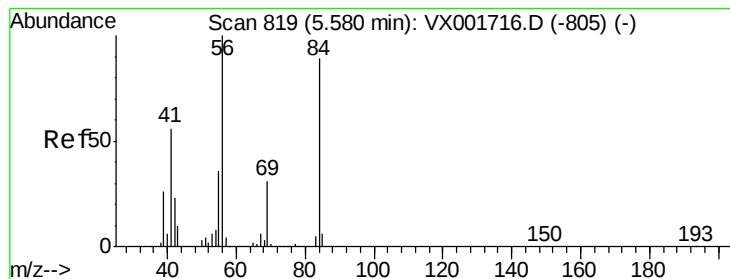
85 64.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.34 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

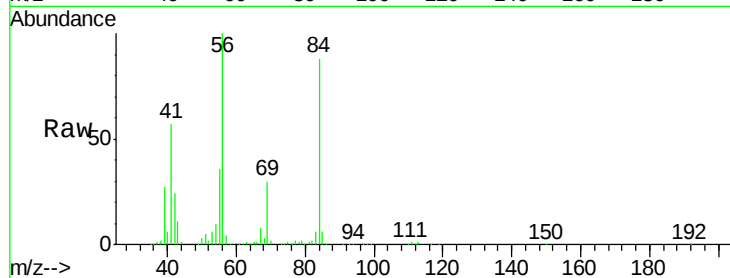
Tot Ion: 56 Resp: 203556

Ion Ratio Lower Upper

56 100

69 30.2 25.0 37.6

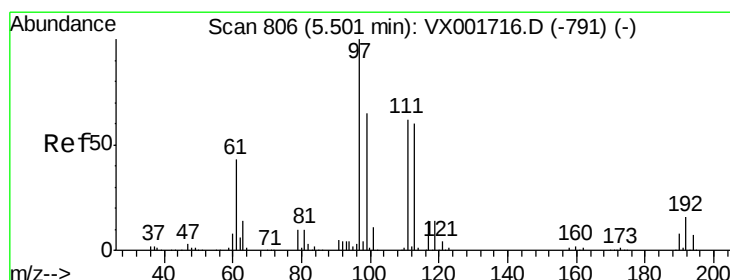
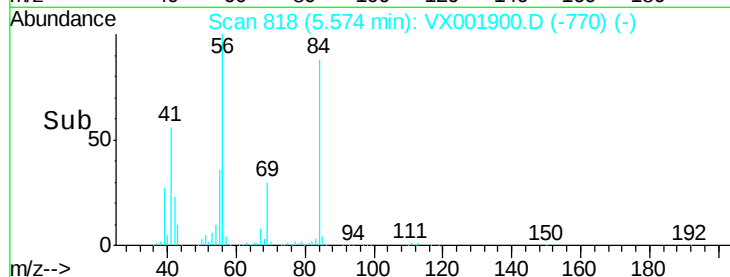
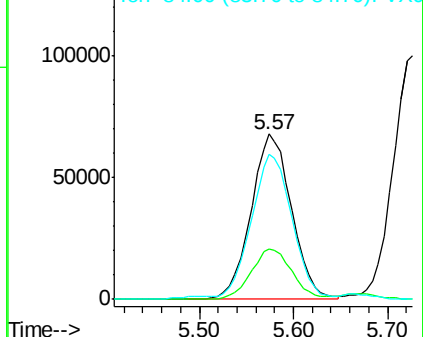
84 86.1 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

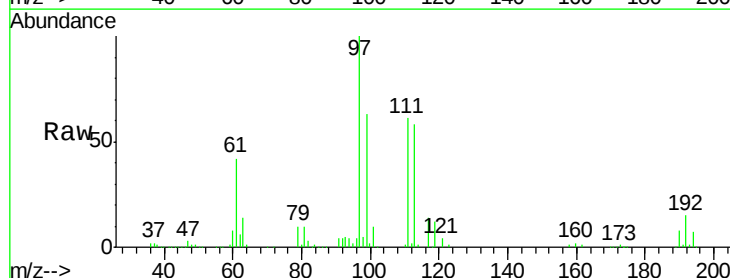
Tgt Ion: 97 Resp: 232513

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

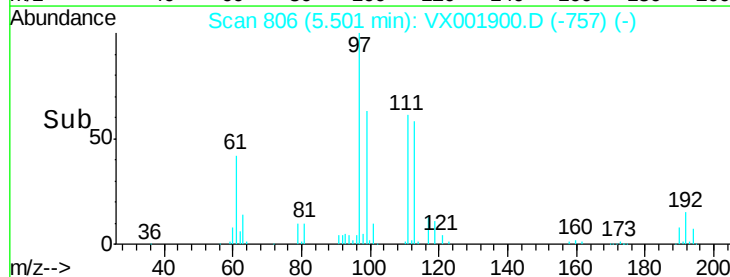
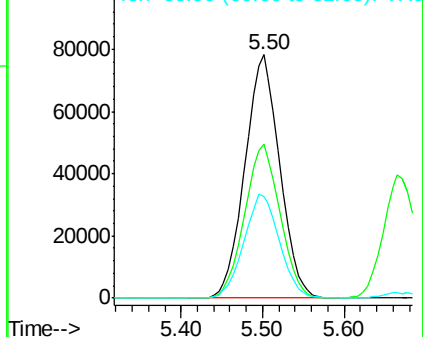
61 43.7 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

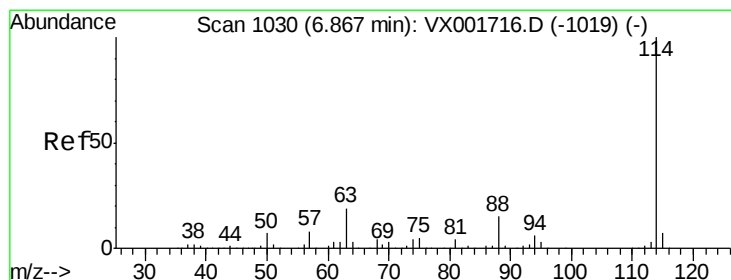
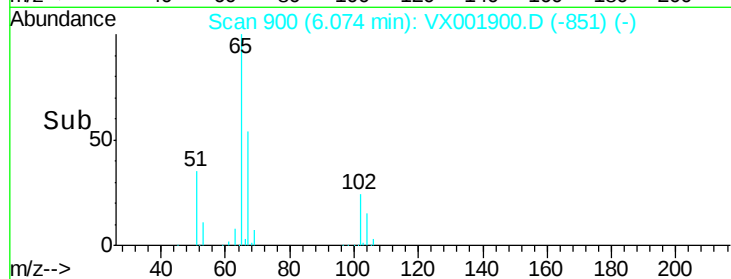
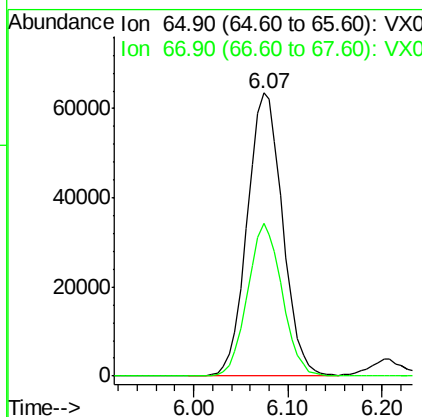
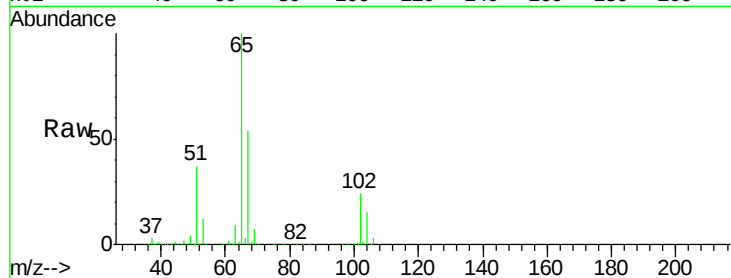




#33
 1,2-Dichloroethane-d4
 Concen: 51.03 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

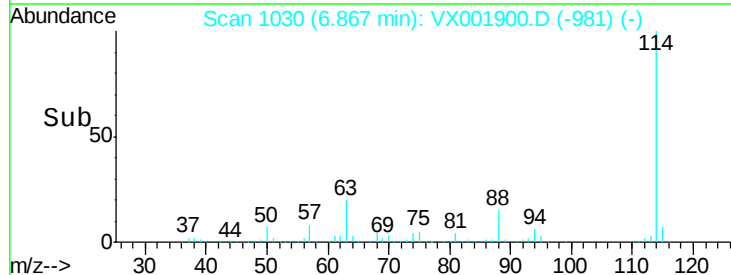
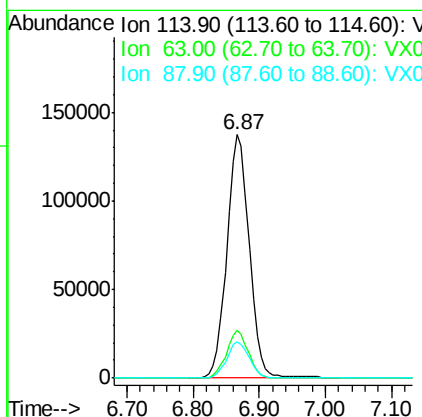
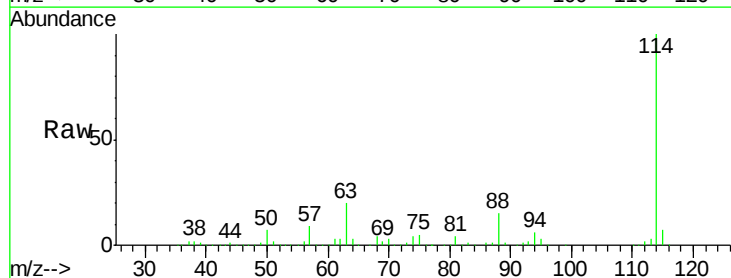
Instrument :
 MSVOA_X
 ClientSampleId :

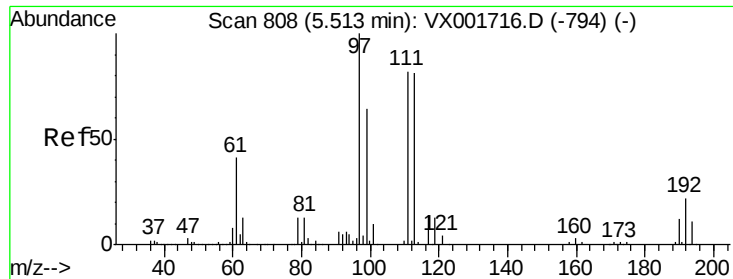
Tot Ion: 65 Resp: 167502
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 114 Resp: 323439
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.0
 88 15.1 0.0 29.8

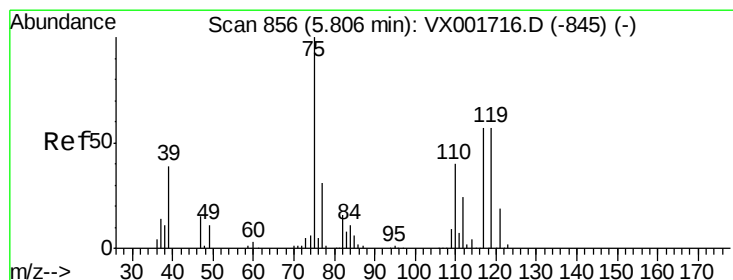
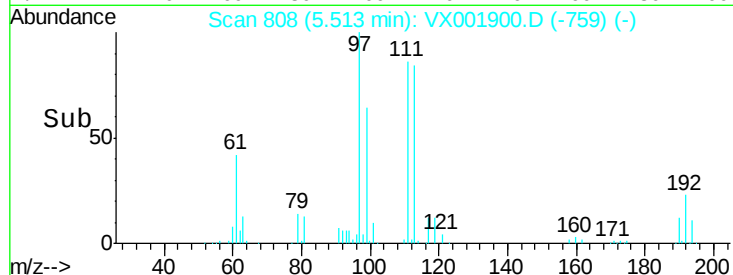
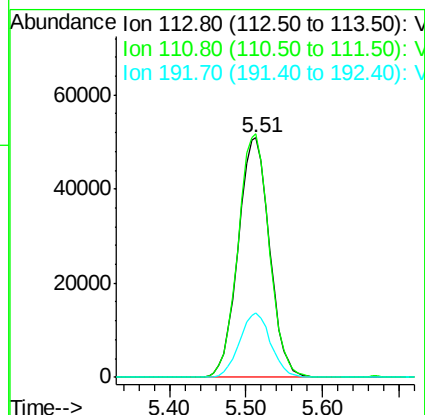
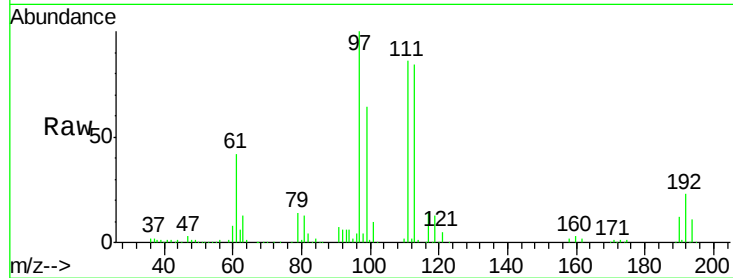




#35
 Dibromofluoromethane
 Concen: 52.94 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

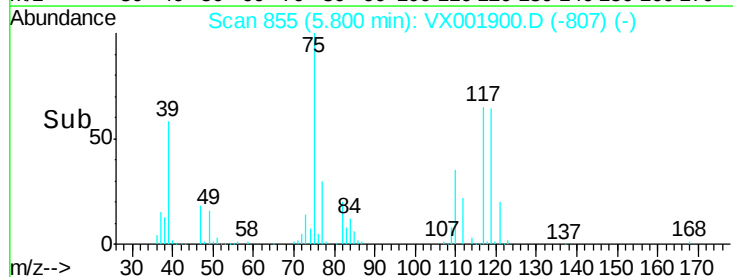
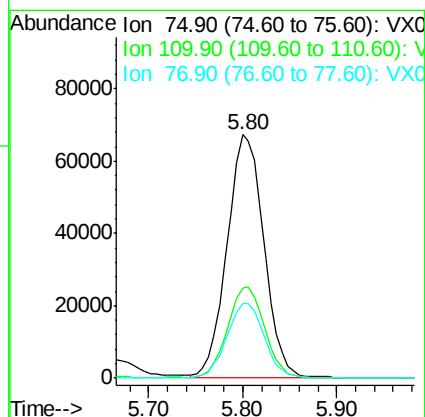
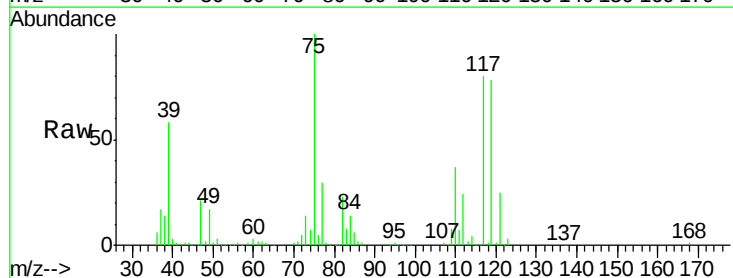
Instrument :
 MSVOA_X
 ClientSampleId :

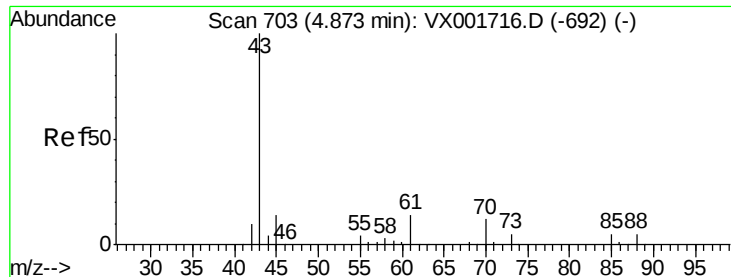
Tot Ion:113 Resp: 144507
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.0 123.0
 192 26.6 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 48.79 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 75 Resp: 181655
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.1 57.1
 77 31.4 24.6 37.0

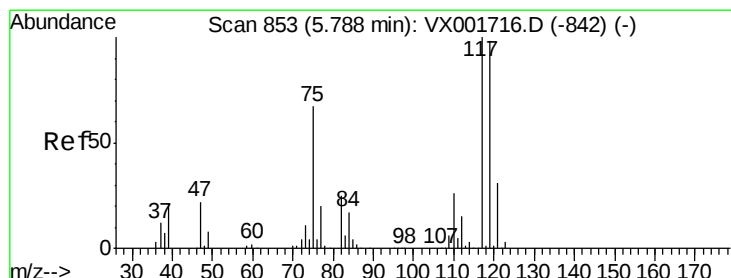
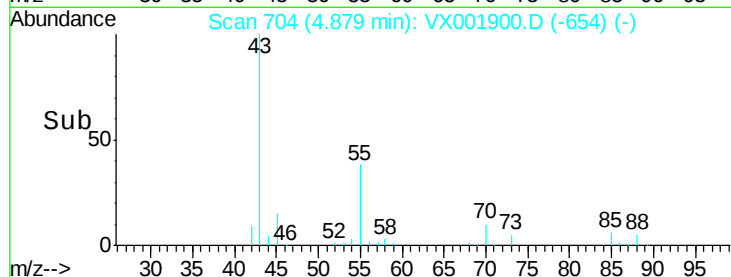
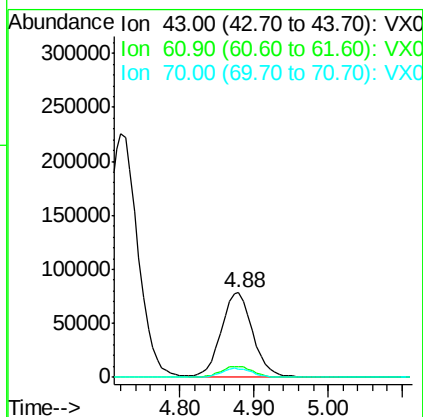
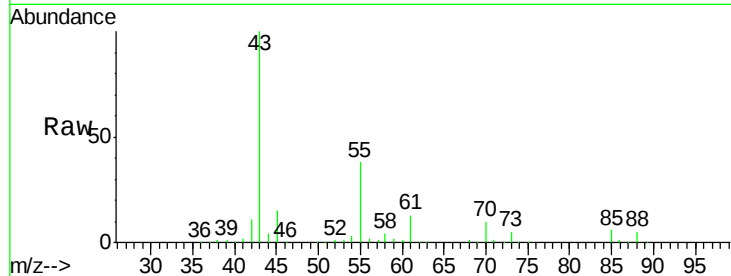




#37
Ethyl Acetate
Concen: 59.45 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

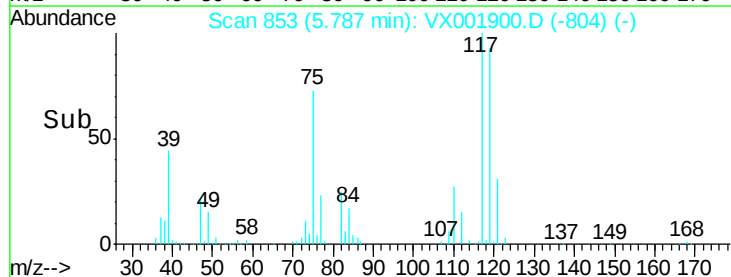
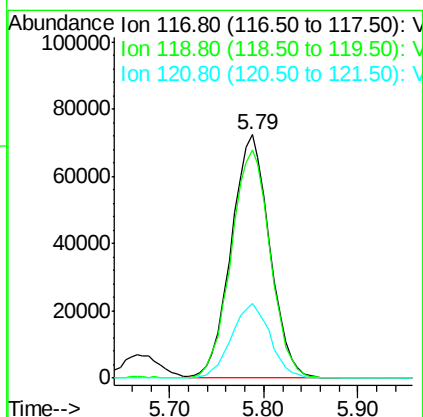
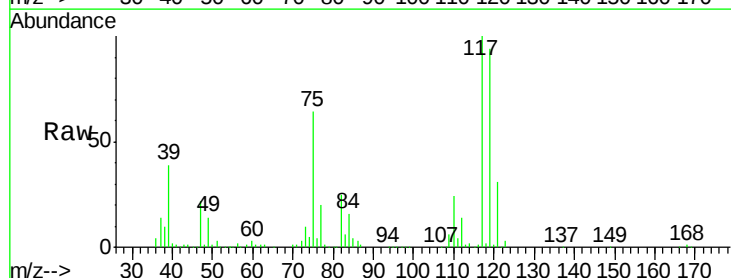
Instrument :
MSVOA_X
ClientSampled :

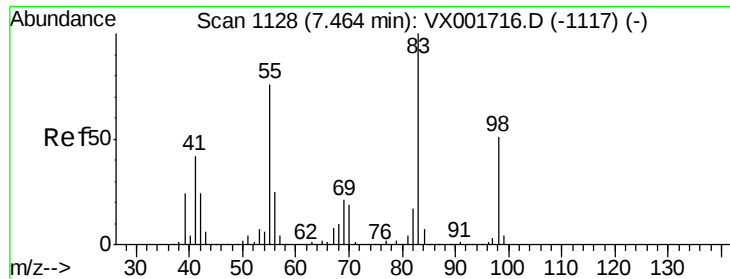
Tot Ion: 43 Resp: 230682
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 10.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 117 Resp: 206450
Ion Ratio Lower Upper
117 100
119 93.6 77.6 116.4
121 30.7 24.6 36.8

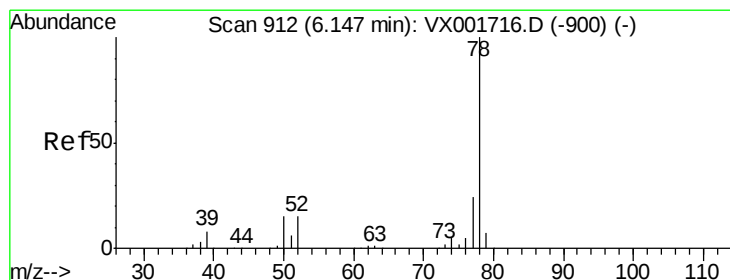
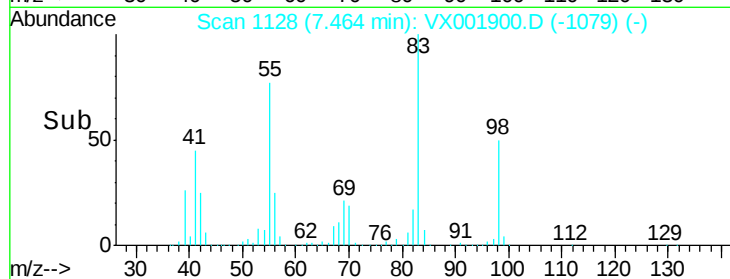
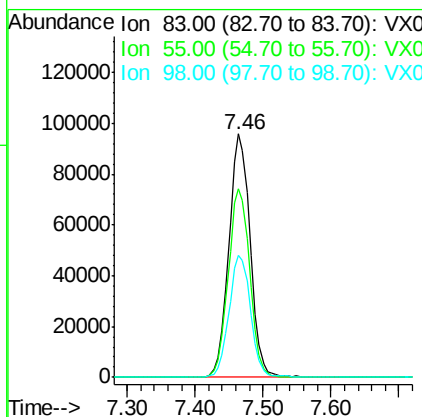
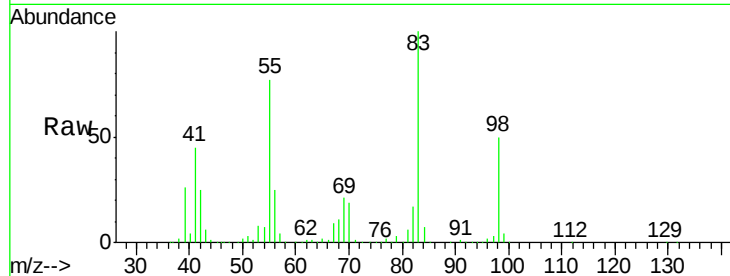




#39
Methylvlcyclohexane
Concen: 47.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

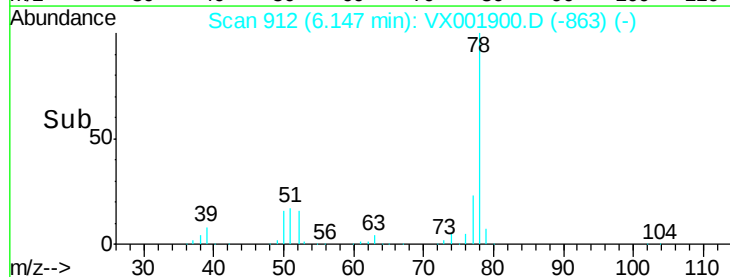
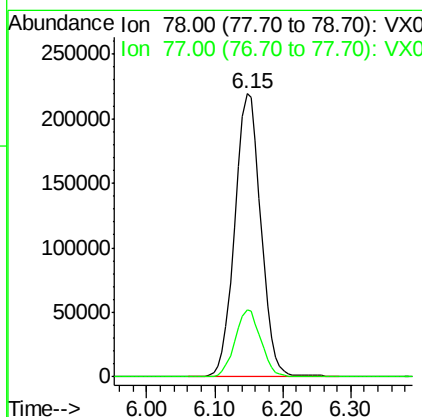
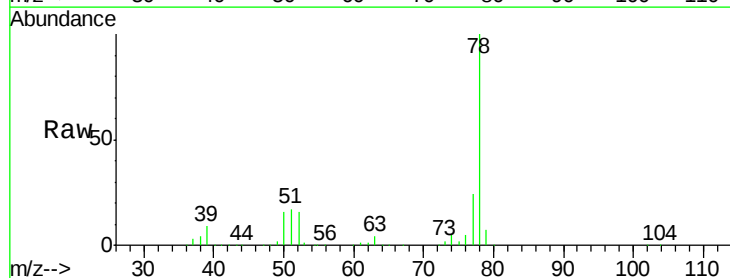
Instrument :
MSVOA_X
ClientSampleId :

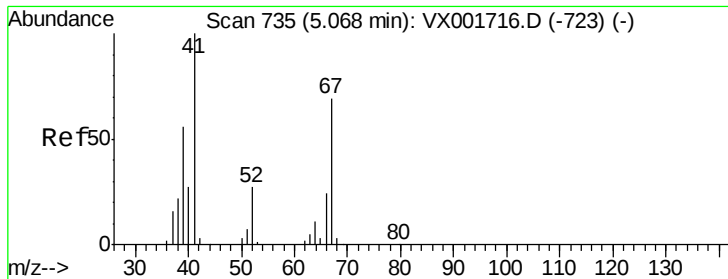
Tot Ion: 83 Resp: 207707
Ion Ratio Lower Upper
83 100
55 77.2 60.6 90.8
98 50.4 40.4 60.6



#40
Benzene
Concen: 53.33 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 78 Resp: 584990
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

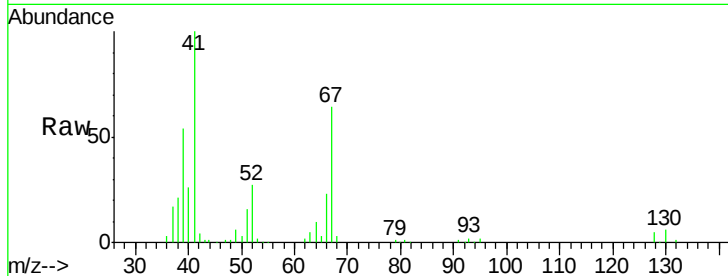




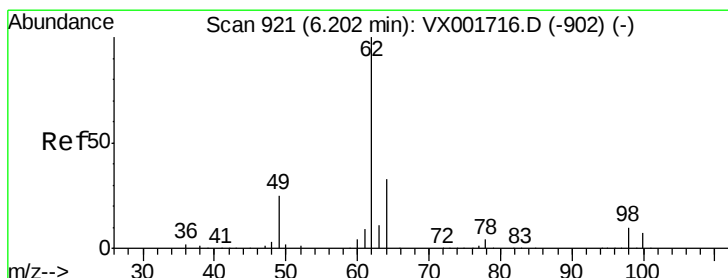
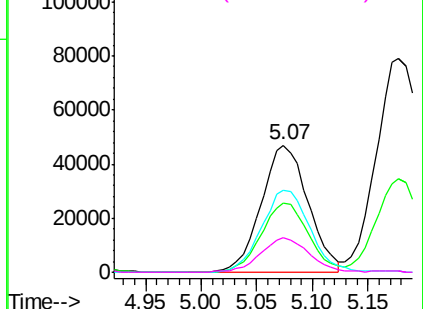
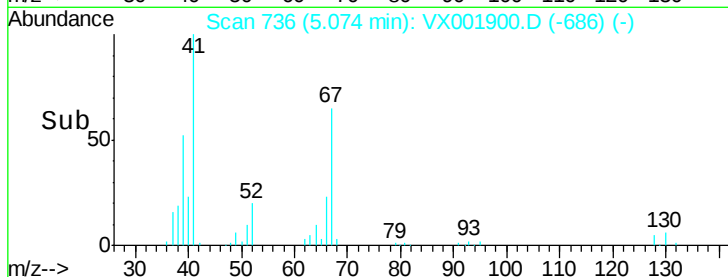
#41
Methacrylonitrile
Concen: 60.91 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	136677
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.2	66.4
67	67.3	56.0	84.0
52	28.1	22.6	33.8

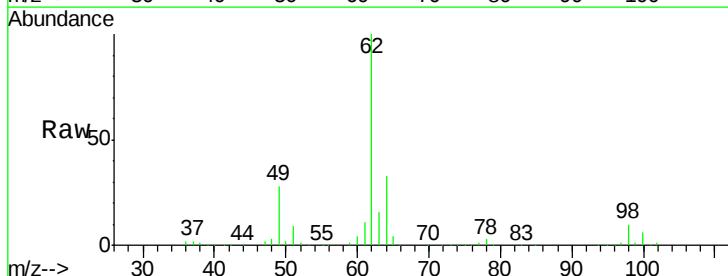


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

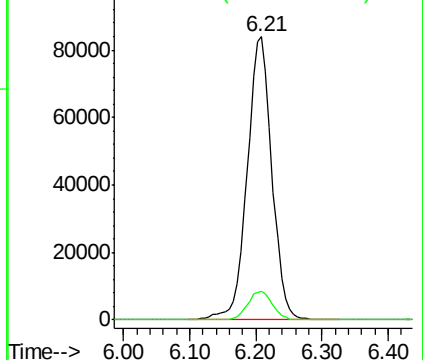
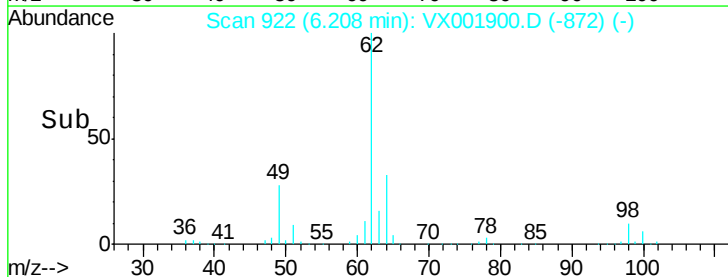


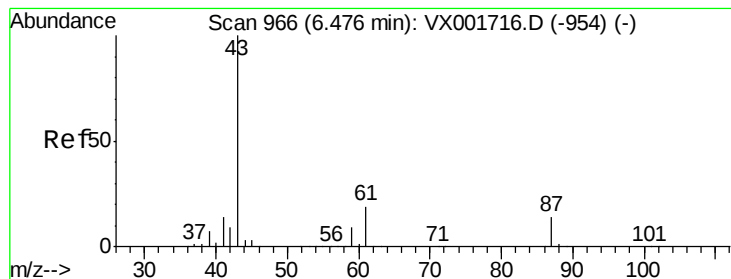
#42
1,2-Dichloroethane
Concen: 54.89 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion:	62	Resp:	217787
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



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



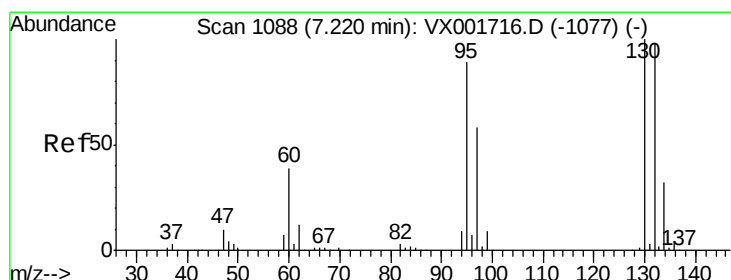
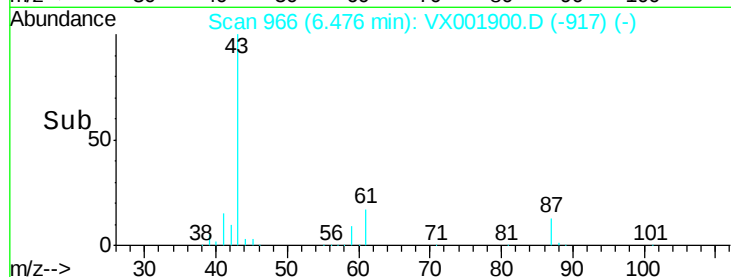
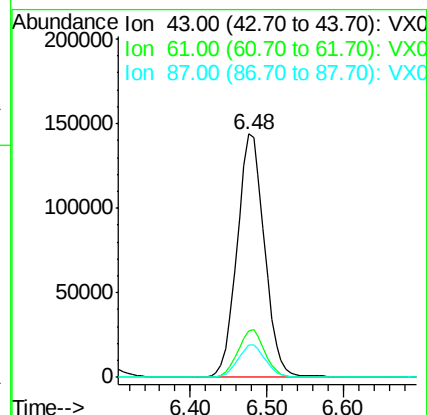
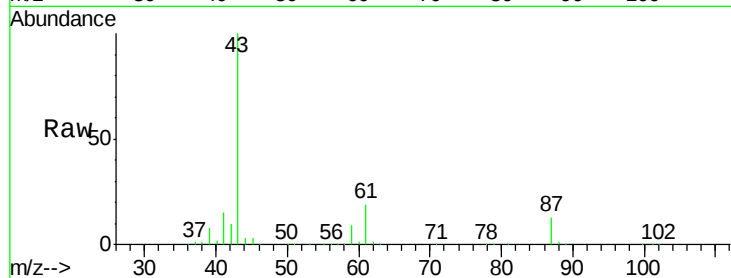


#43

Isopropyl Acetate
 Concen: 58.60 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :

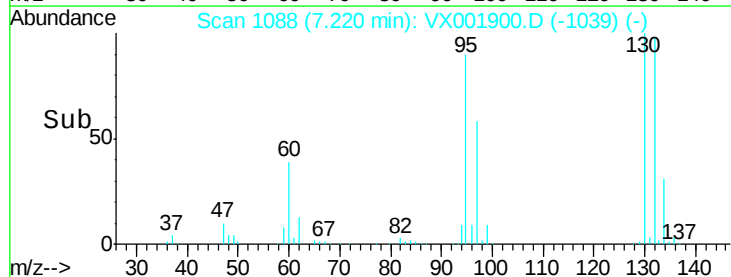
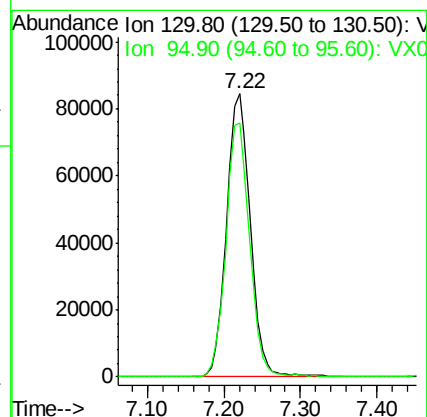
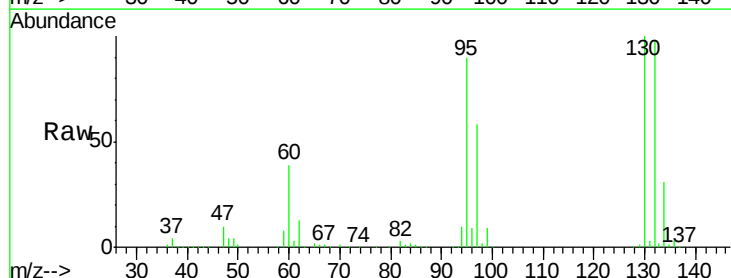
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.8	23.8
87	13.4	11.0	16.4

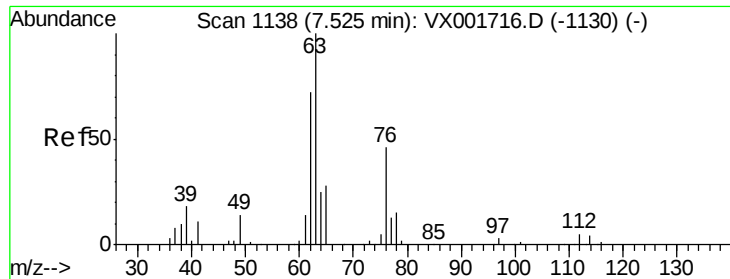


#44

Trichloroethene
 Concen: 53.44 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	177.2

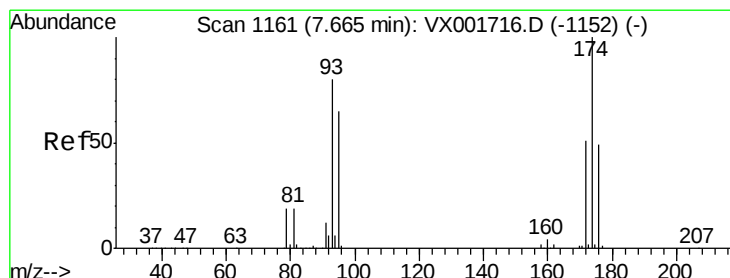
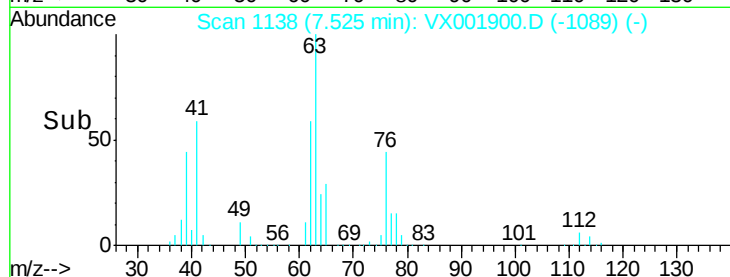
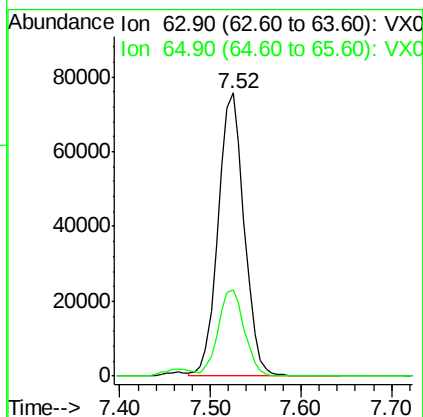
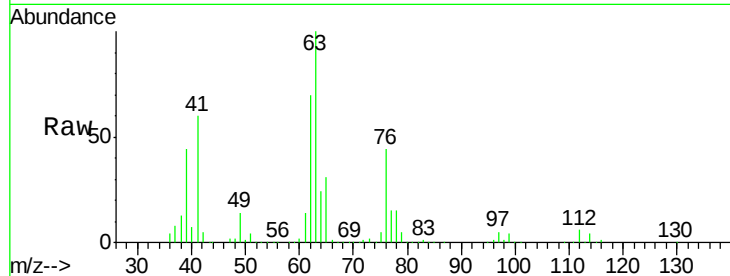




#45
 1,2-Dichloropropane
 Concen: 56.41 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

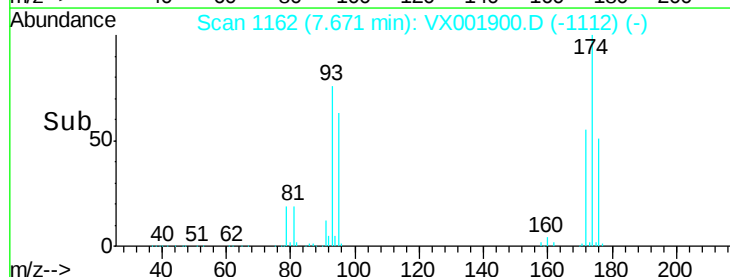
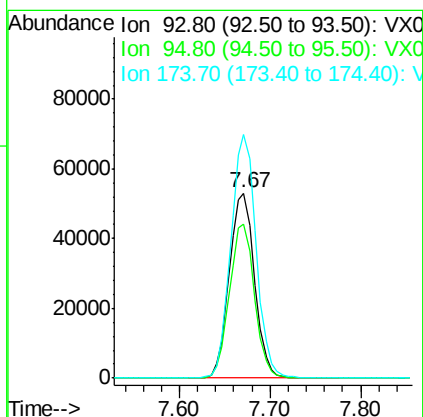
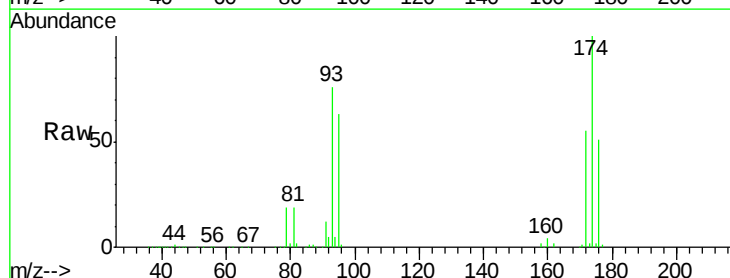
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 151844
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.2 36.2



#46
 Dibromomethane
 Concen: 54.37 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 93 Resp: 102771
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 131.3 106.2 159.2





#47

Bromodichloromethane

Concen: 58.10 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

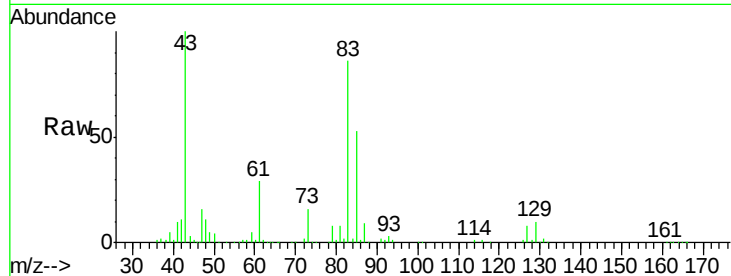
Tot Ion: 83 Resp: 203781

Ion Ratio Lower Upper

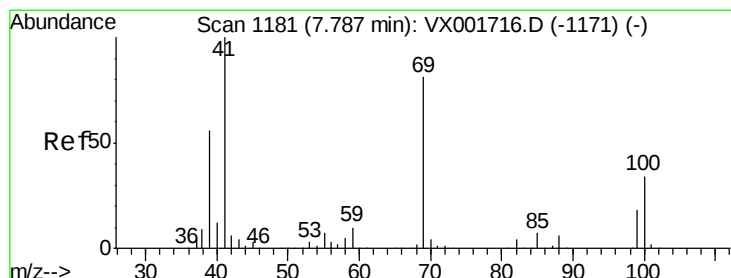
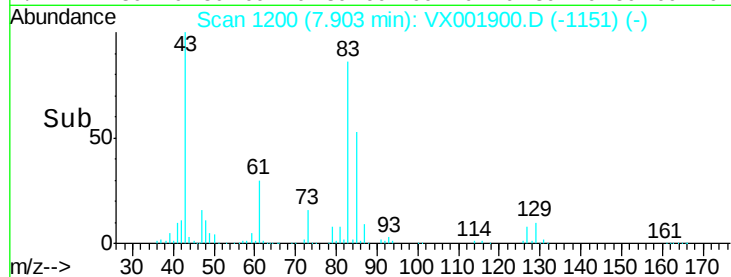
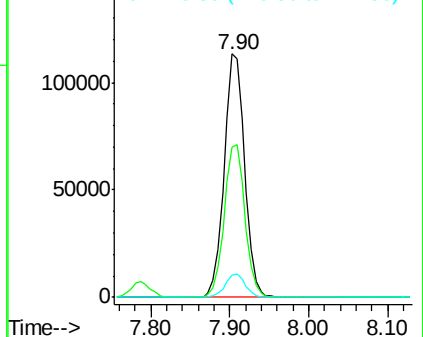
83 100

85 61.9 49.6 74.4

127 9.2 7.5 11.3



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: 61.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

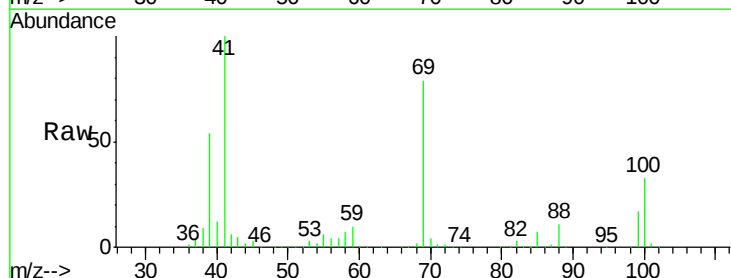
Tgt Ion: 41 Resp: 196111

Ion Ratio Lower Upper

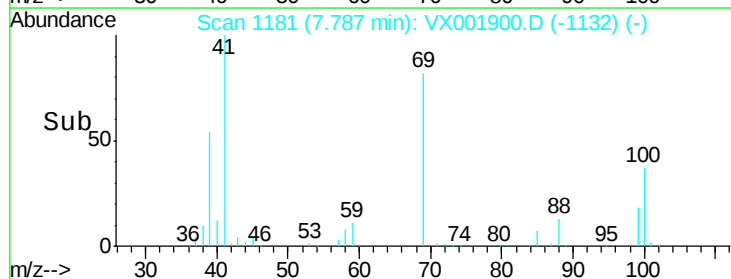
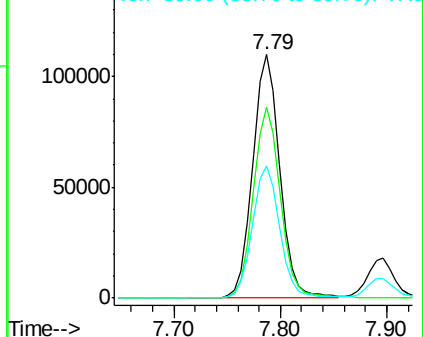
41 100

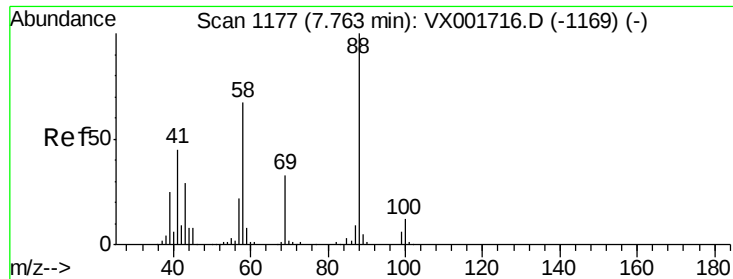
69 79.2 65.2 97.8

39 54.7 44.5 66.7



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

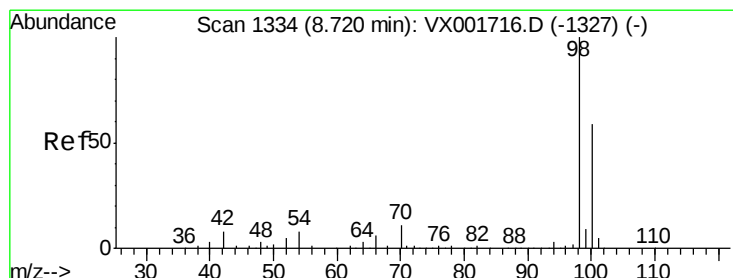
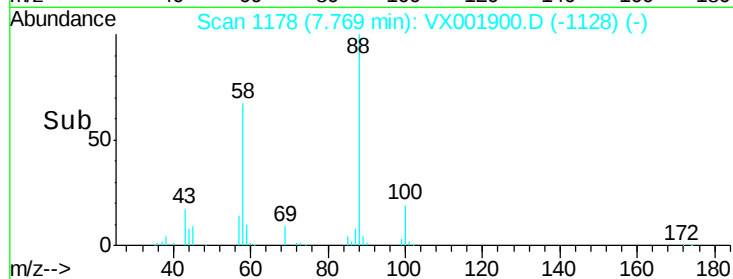
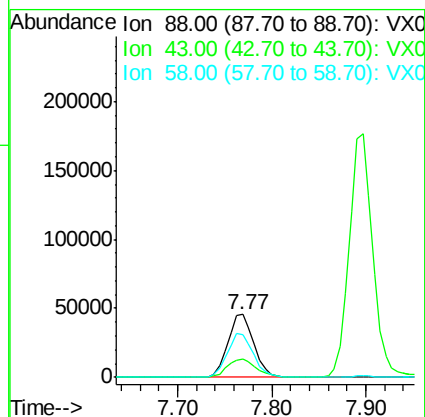
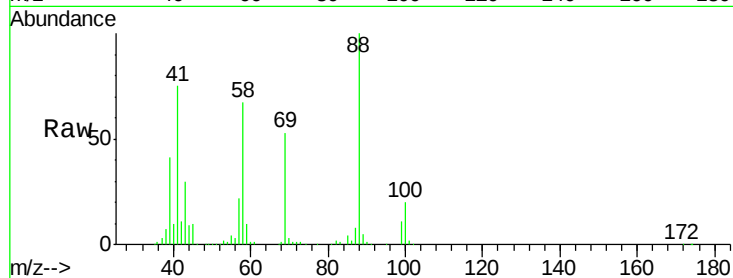




#49
1,4-Dioxane
Concen: 1424.25 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

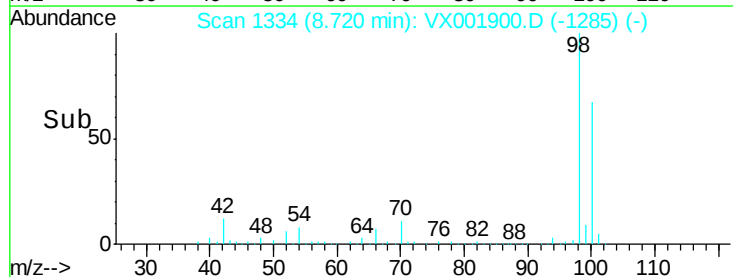
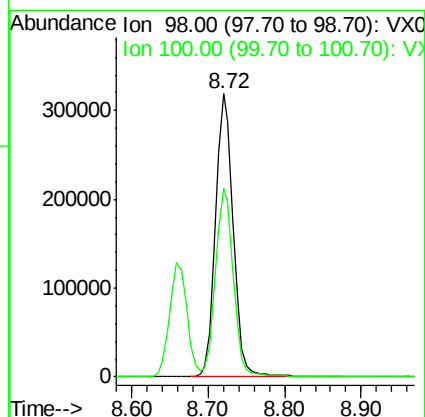
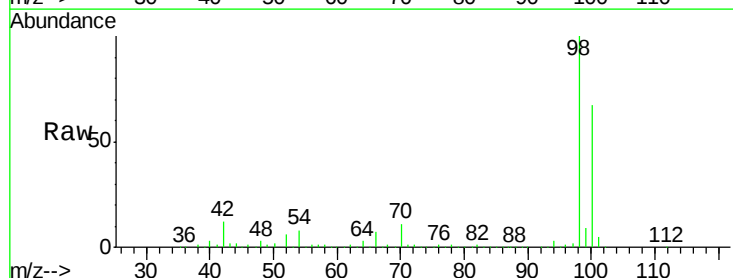
Instrument :
MSVOA_X
ClientSampleId :

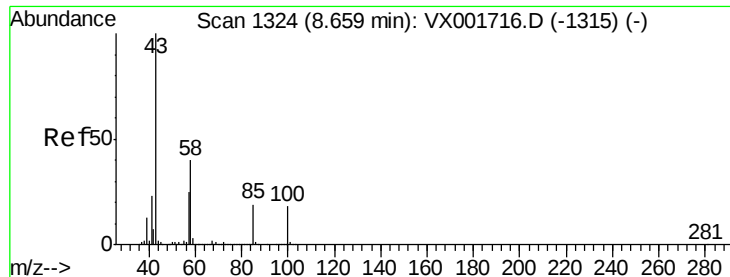
Tot Ion: 88 Resp: 87660
Ion Ratio Lower Upper
88 100
43 32.4 27.3 40.9
58 69.3 55.9 83.9



#50
Toluene-d8
Concen: 51.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 98 Resp: 507832
Ion Ratio Lower Upper
98 100
100 67.8 54.0 81.0

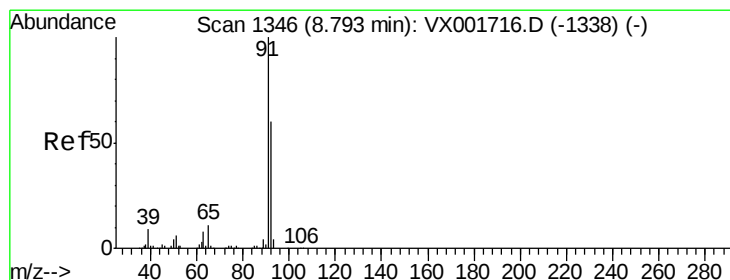
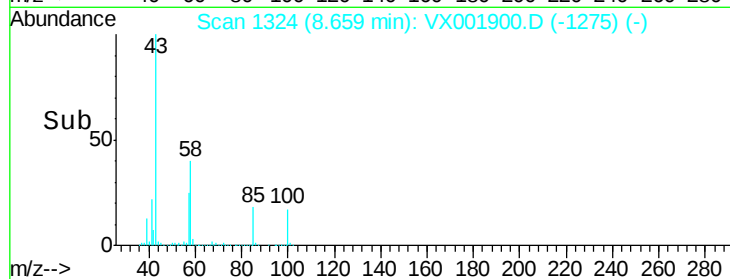
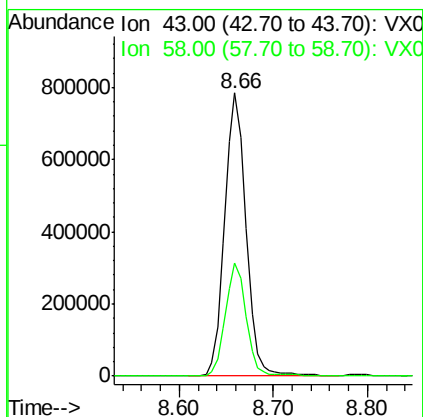
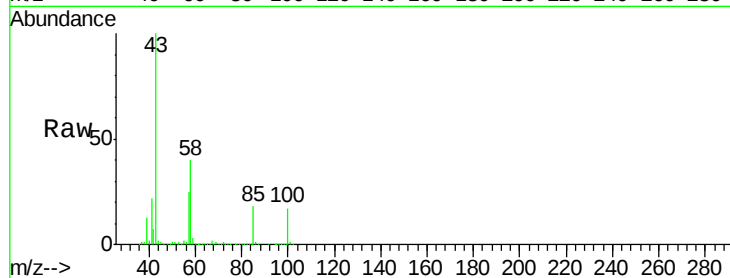




#51
4-Methyl-2-Pentanone
Concen: 322.08 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

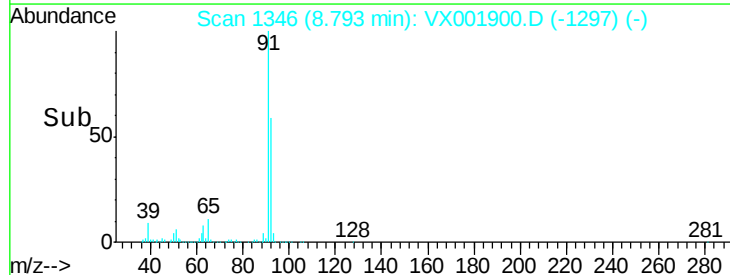
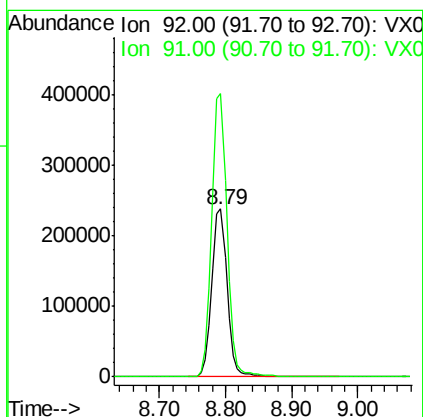
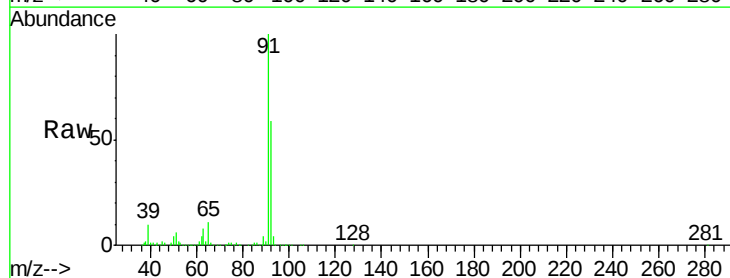
Instrument :
MSVOA_X
ClientSampleId :

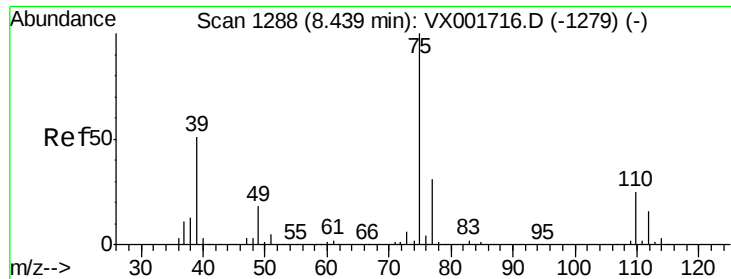
Tot Ion: 43 Resp: 1239567
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.0



#52
Toluene
Concen: 54.23 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 92 Resp: 382255
Ion Ratio Lower Upper
92 100
91 168.3 135.5 203.3

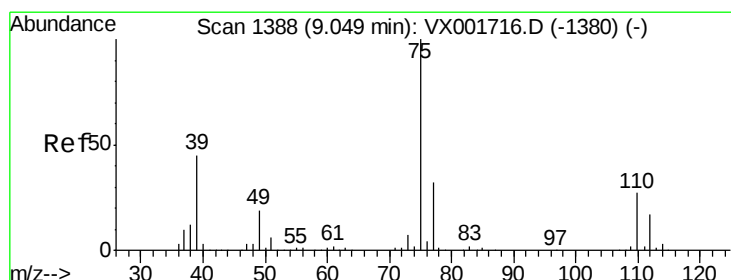
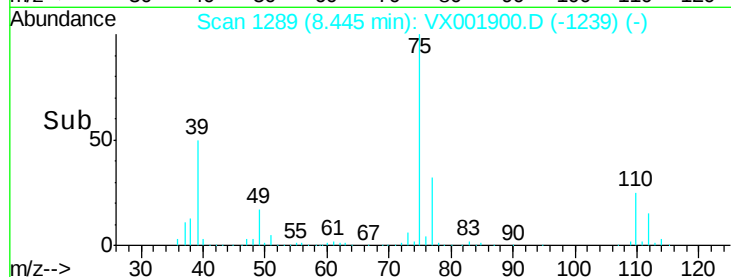
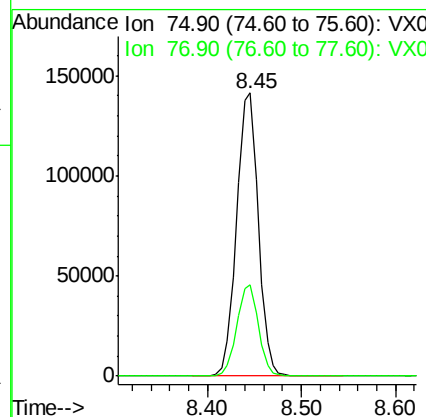
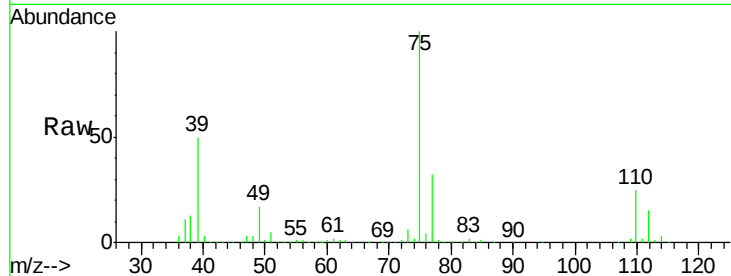




#53
 t-1,3-Dichloropropene
 Concen: 54.96 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

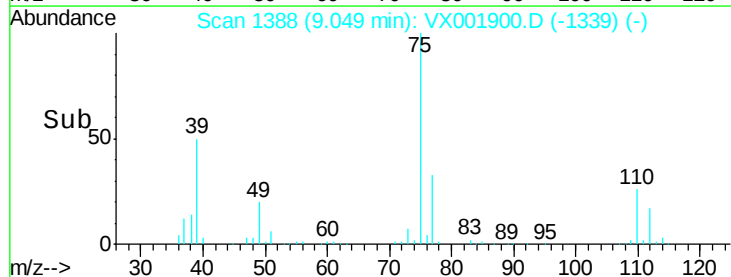
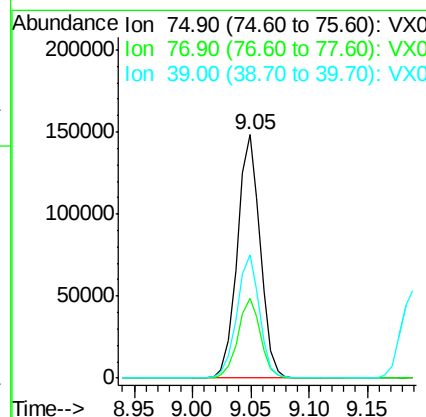
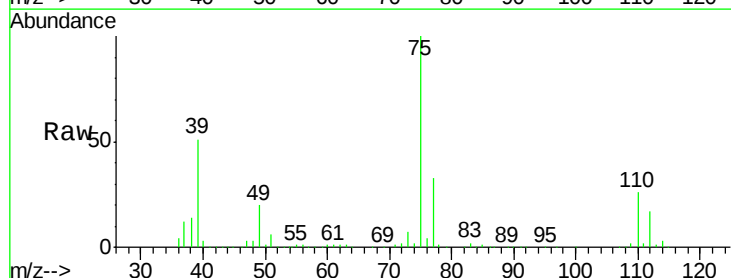
Instrument :
 MSVOA_X
 ClientSampleId :

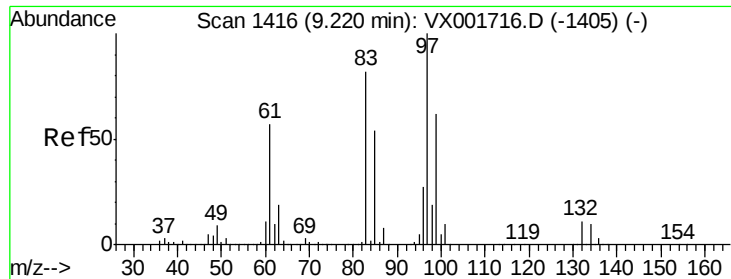
Tot Ion: 75 Resp: 226819
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 55.80 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 75 Resp: 202993
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2
 39 50.8 36.1 54.1

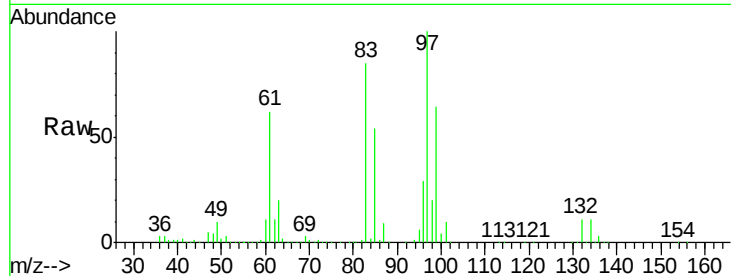




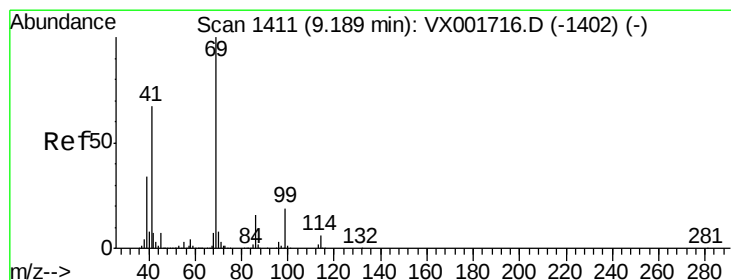
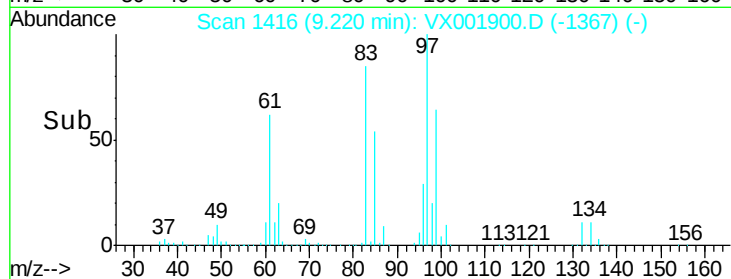
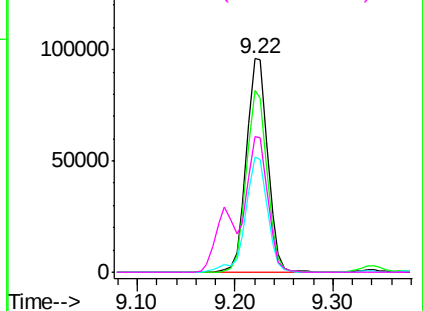
#55
 1,1,2-Trichloroethane
 Concen: 54.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	145736
Ion	Ratio	Lower	Upper
97	100		
83	85.1	65.8	98.8
85	54.1	43.4	65.0
99	63.8	49.8	74.6

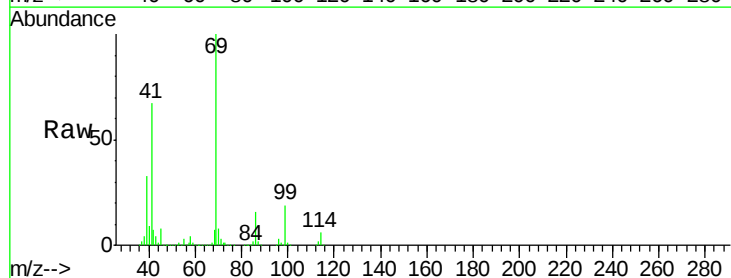


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

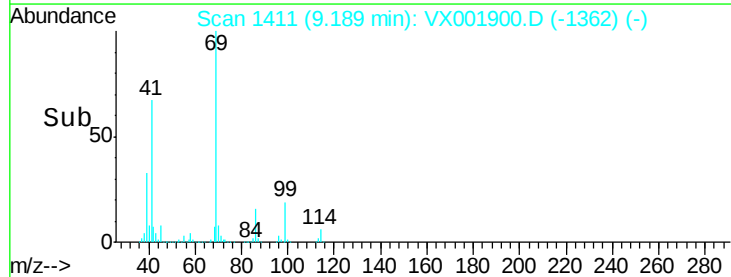
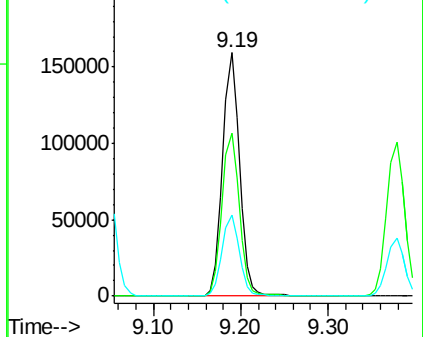


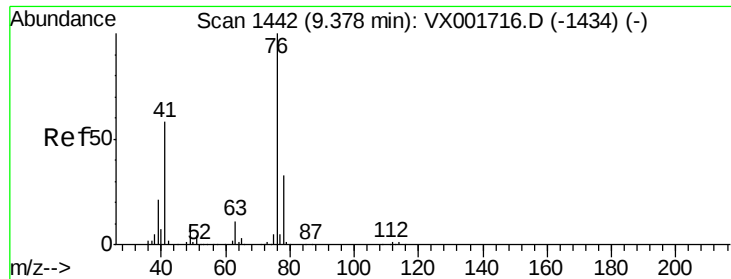
#56
 Ethyl methacrylate
 Concen: 56.25 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion:	69	Resp:	214948
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.5	80.3
39	33.9	27.2	40.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

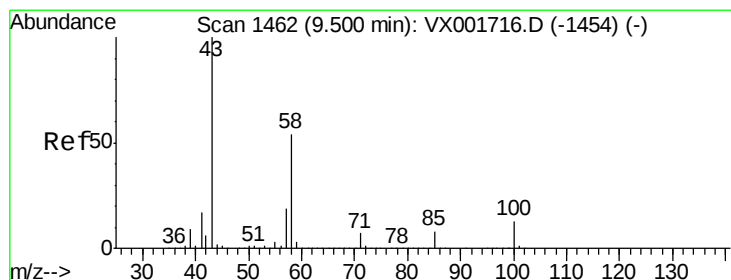
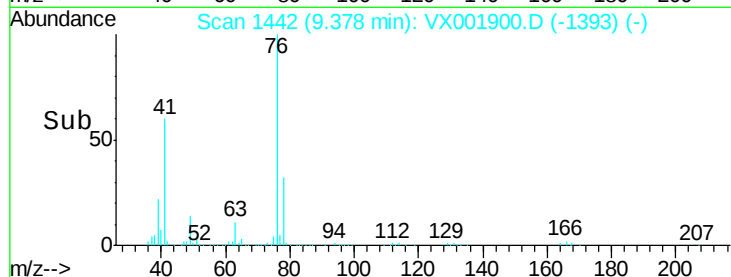
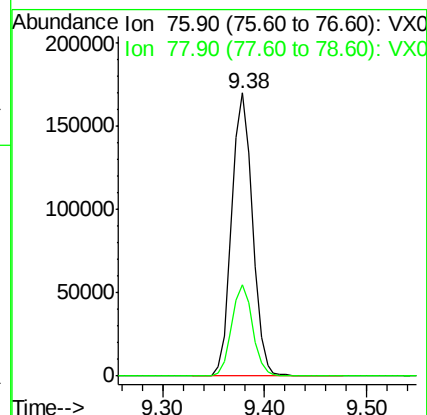
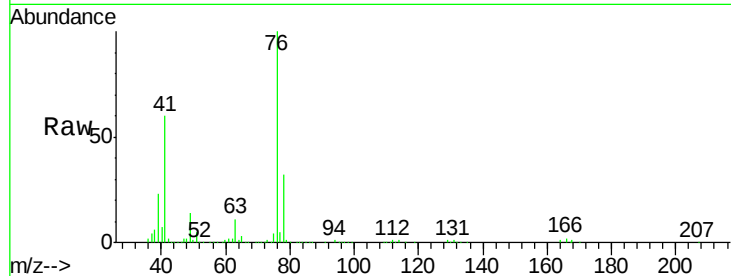




#57
 1,3-Dichloropropane
 Concen: 53.00 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

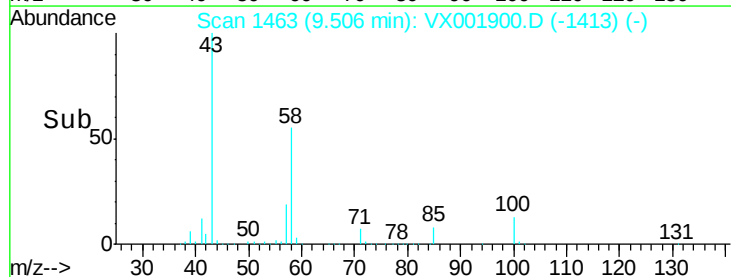
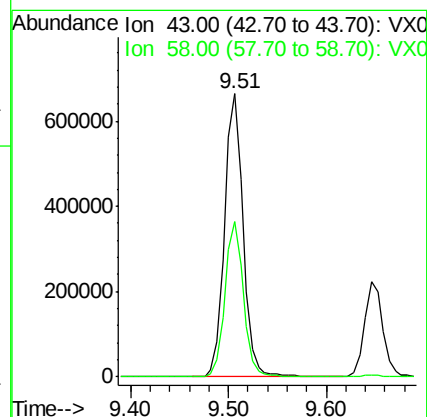
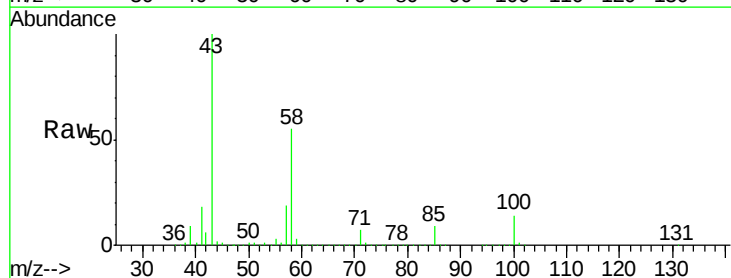
Instrument :
 MSVOA_X
 ClientSampleId :

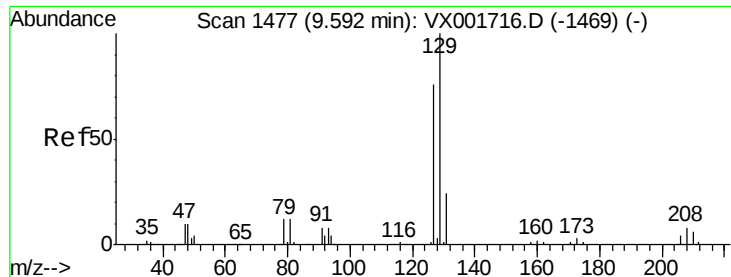
Tot Ion: 76 Resp: 239078
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#59
 2-Hexanone
 Concen: 318.14 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 43 Resp: 876496
 Ion Ratio Lower Upper
 43 100
 58 54.5 27.7 83.1





#60

Dibromochloromethane

Concen: 56.68 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

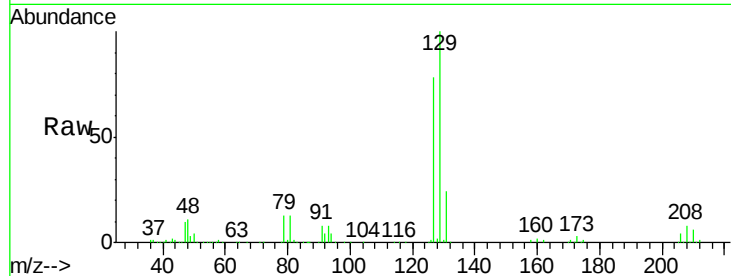
ClientSampleId :

Tot Ion:129 Resp: 156400

Ion Ratio Lower Upper

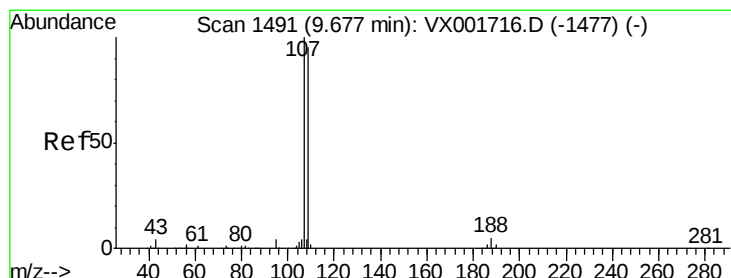
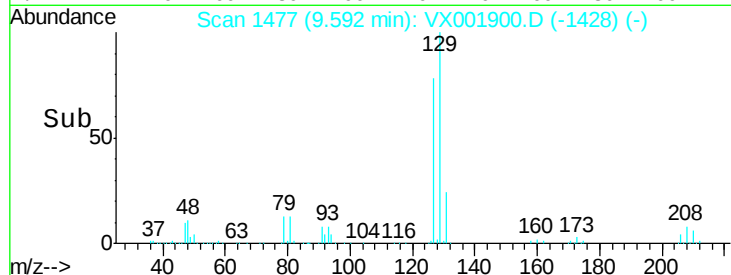
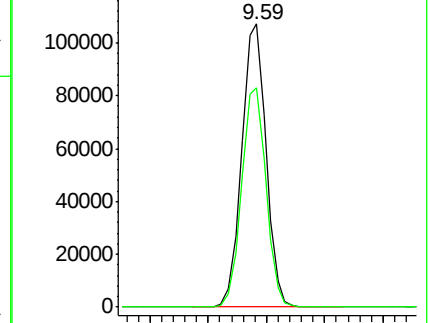
129 100

127 77.6 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001900.D

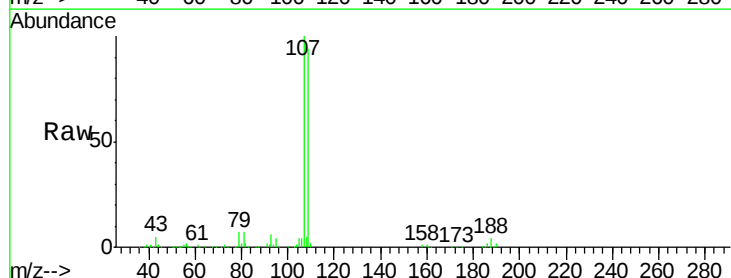
Acq: 22 May 2018 18:17

Tgt Ion:107 Resp: 150725

Ion Ratio Lower Upper

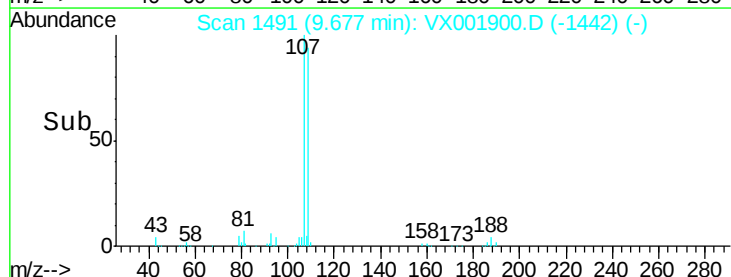
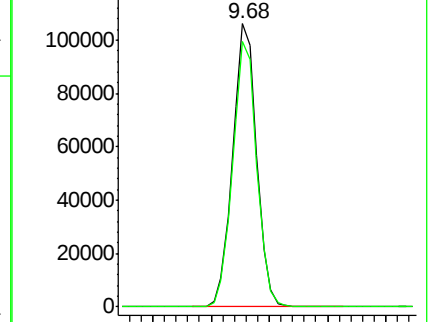
107 100

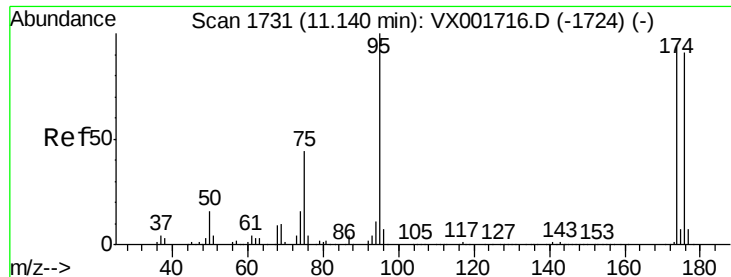
109 94.6 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

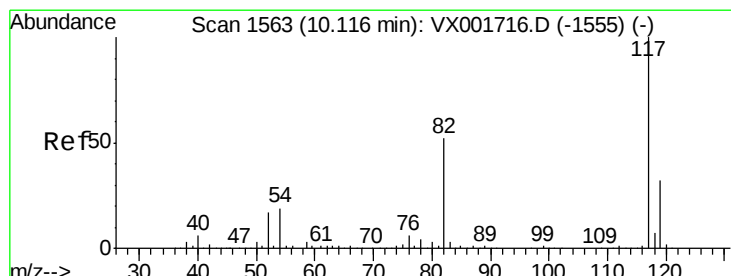
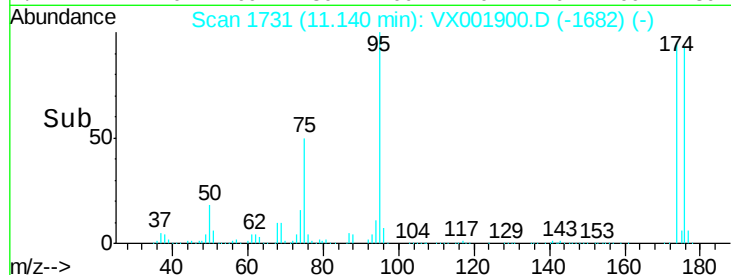
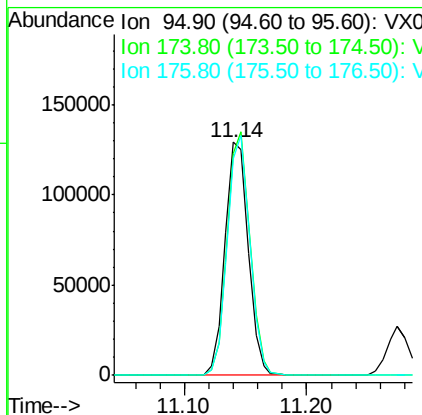
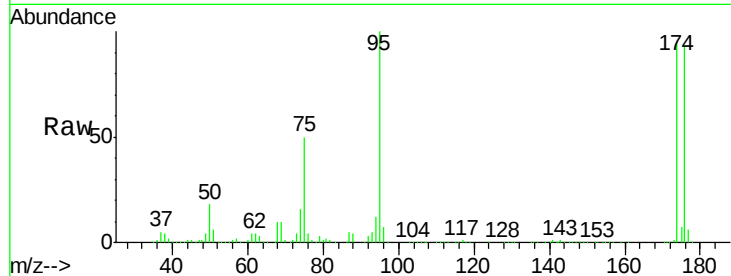




#62
4-Bromofluorobenzene
Concen: 48.29 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

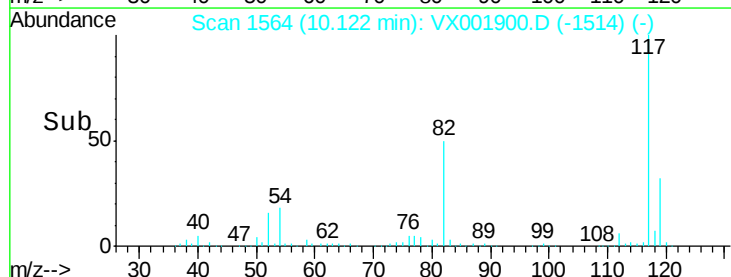
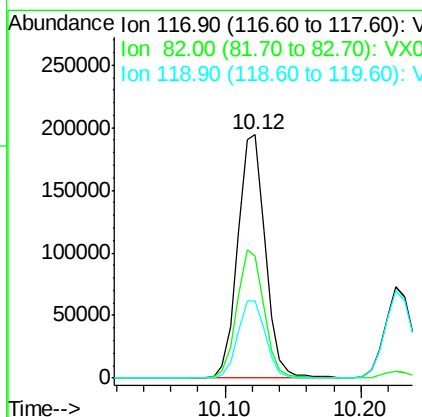
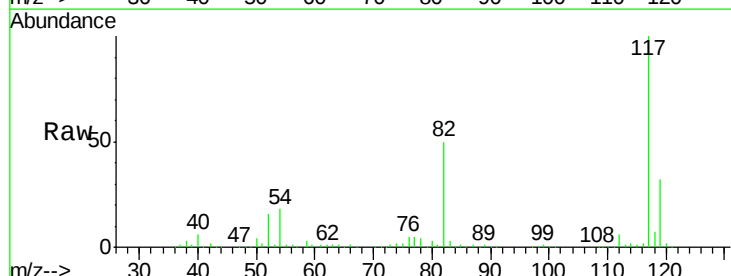
Instrument :
MSVOA_X
ClientSampleId :

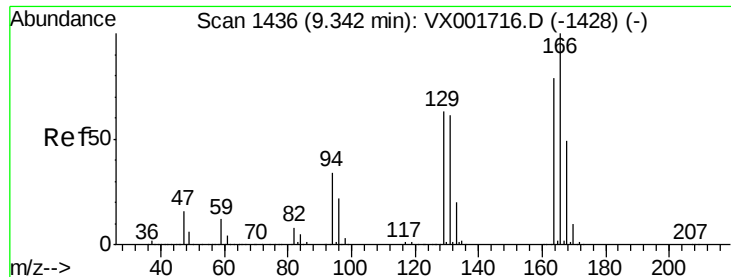
Tot Ion: 95 Resp: 169956
Ion Ratio Lower Upper
95 100
174 101.8 0.0 201.8
176 99.6 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 117 Resp: 272558
Ion Ratio Lower Upper
117 100
82 49.9 41.4 62.2
119 31.9 25.6 38.4

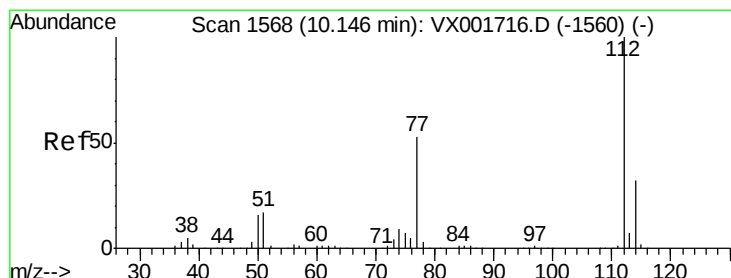
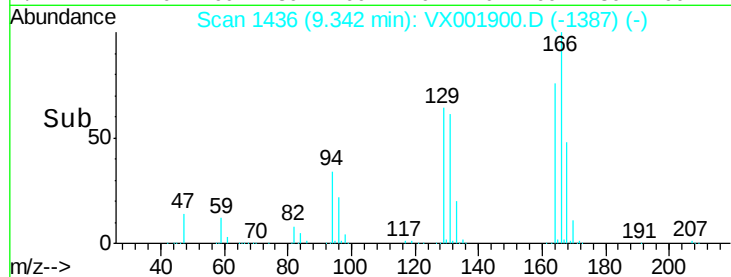
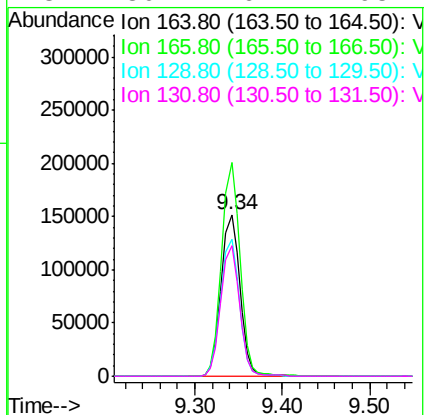
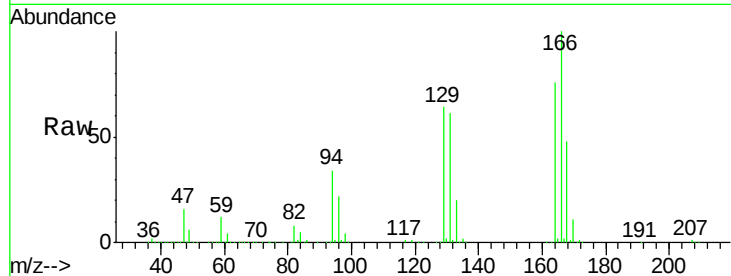




#64
Tetrachloroethene
Concen: 64.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

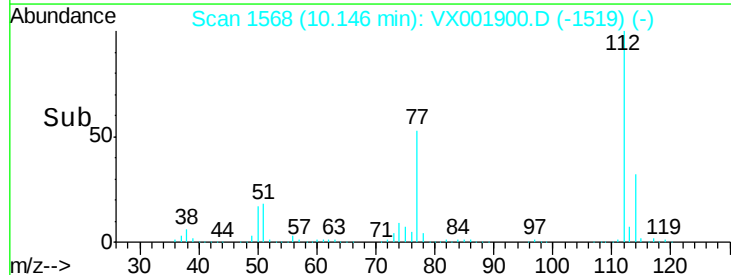
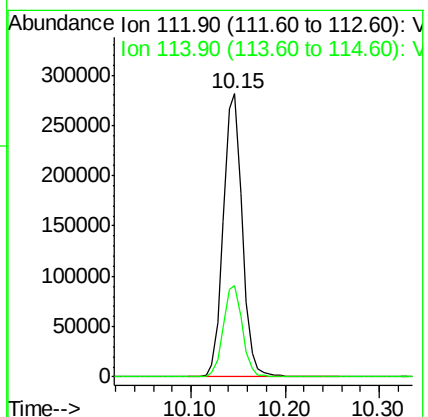
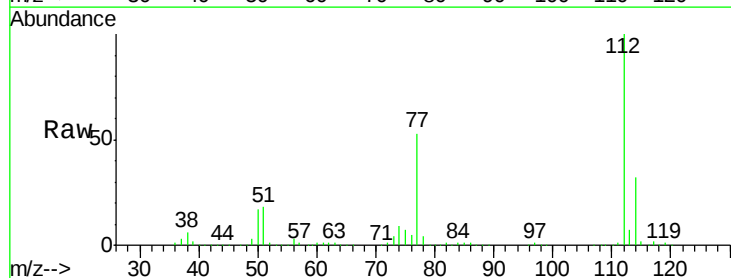
Instrument :
MSVOA_X
ClientSampleId :

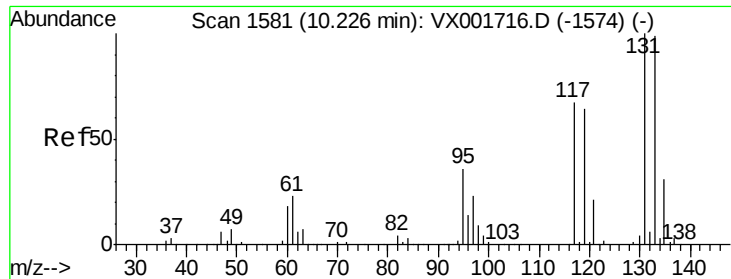
Tot Ion	Ratio	Lower	Upper
164	100		
166	132.1	101.8	152.8
129	84.8	63.8	95.6
131	80.4	62.2	93.2



#65
Chlorobenzene
Concen: 52.41 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 57.49 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampled :

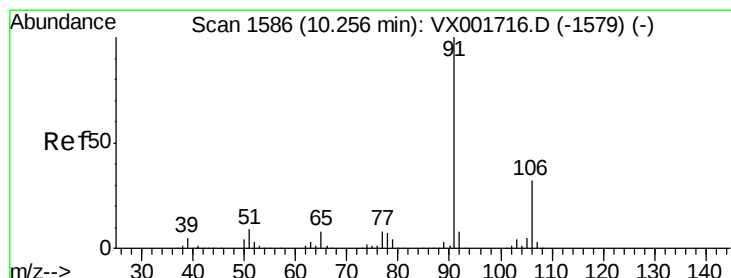
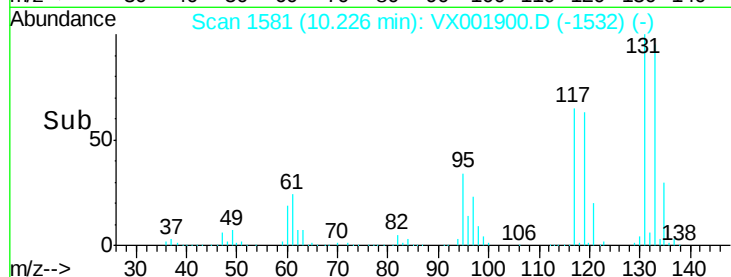
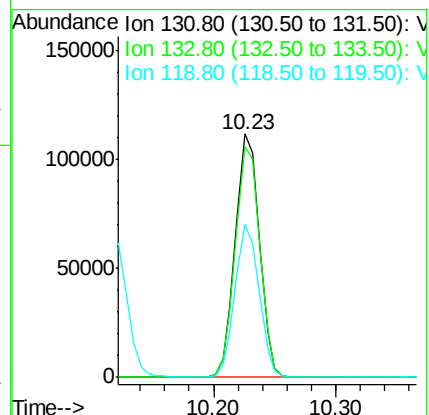
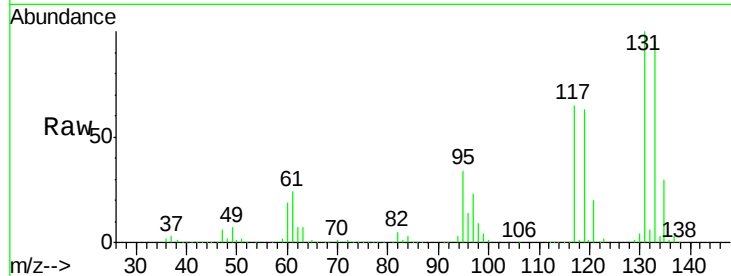
Tot Ion:131 Resp: 152217

Ion Ratio Lower Upper

131 100

133 96.2 48.5 145.6

119 62.9 31.9 95.5



#67

Ethyl Benzene

Concen: 53.76 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001900.D

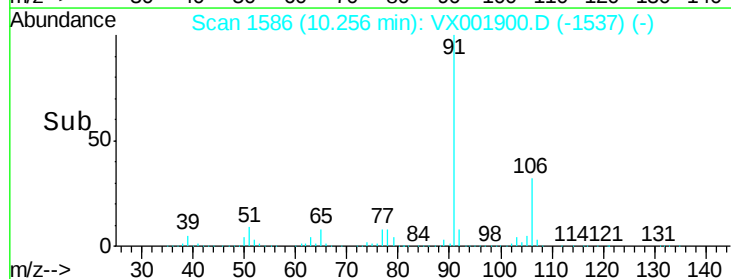
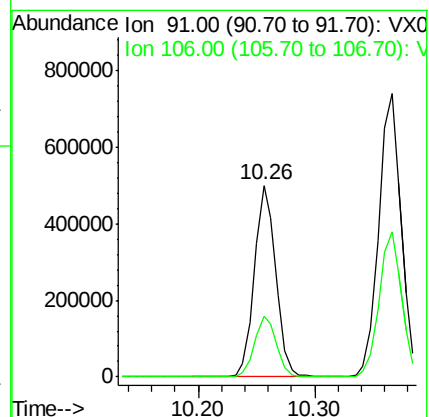
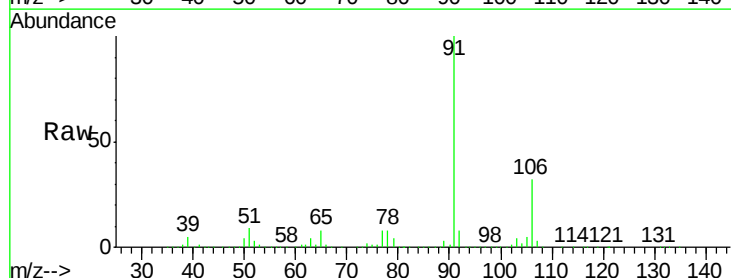
Acq: 22 May 2018 18:17

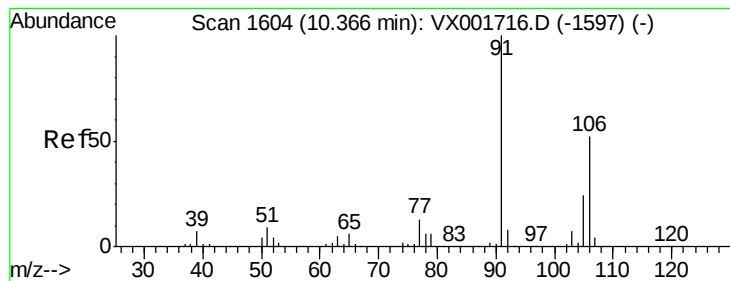
Tgt Ion: 91 Resp: 644145

Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5





#68

m/p-Xvlenes

Concen: 108.52 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

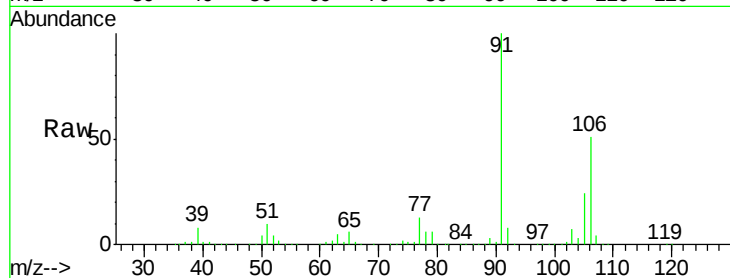
ClientSampleId :

Tot Ion:106 Resp: 513005

Ion Ratio Lower Upper

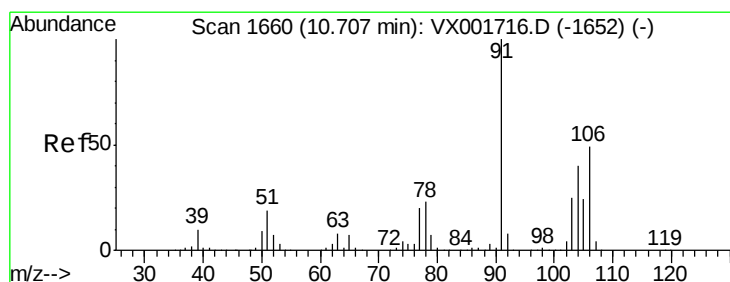
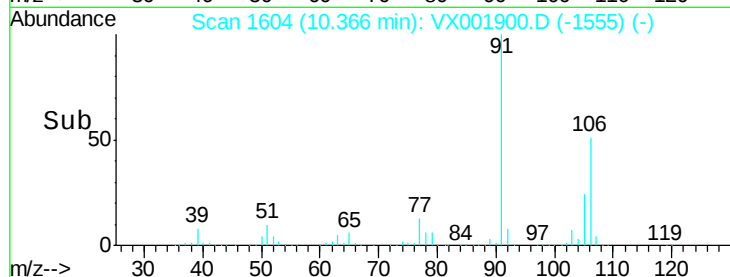
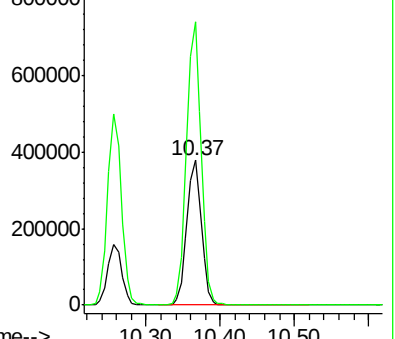
106 100

91 194.4 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 55.97 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001900.D

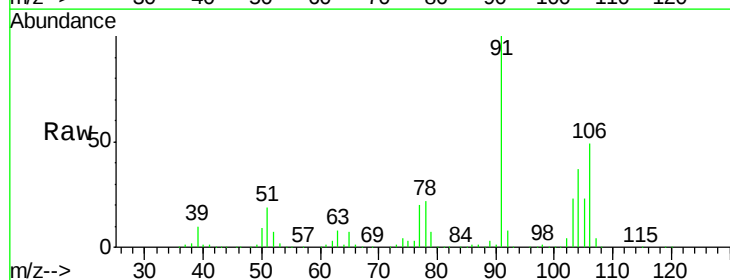
Acq: 22 May 2018 18:17

Tgt Ion:106 Resp: 253370

Ion Ratio Lower Upper

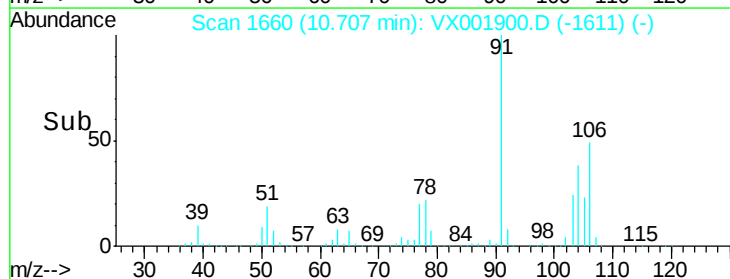
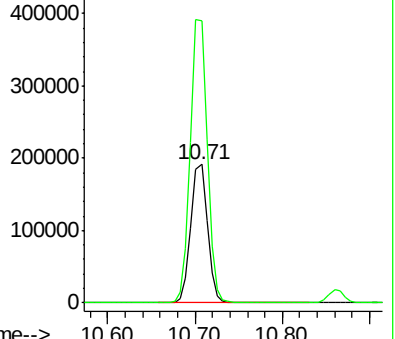
106 100

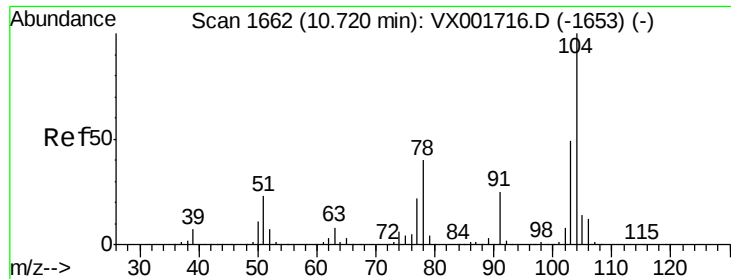
91 206.4 103.4 310.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

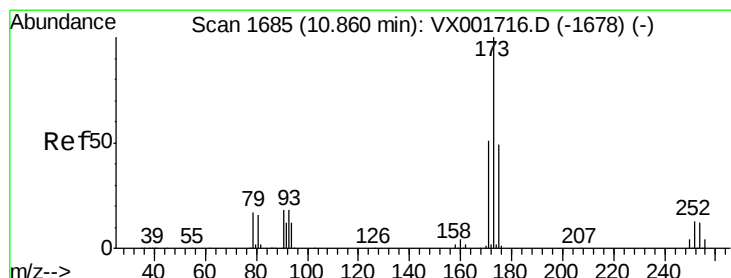
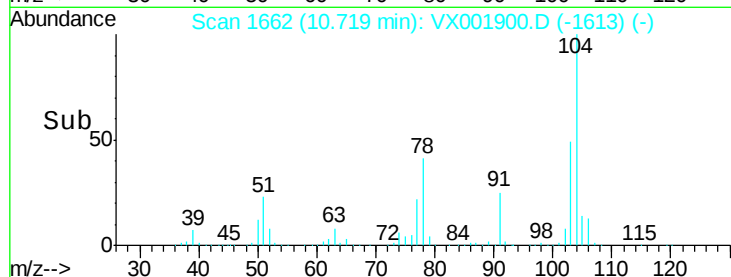
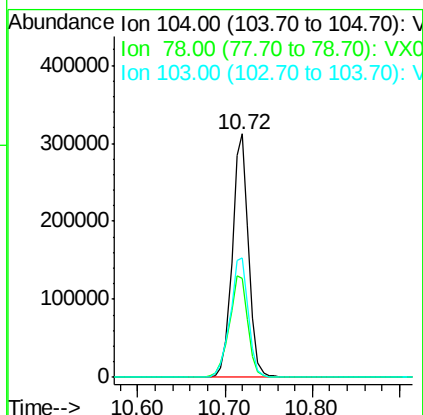
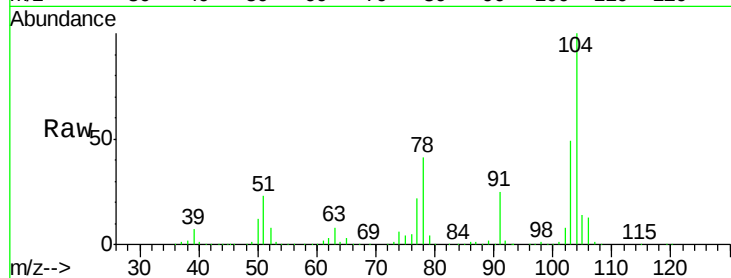




#70
Stvrene
Concen: 54.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

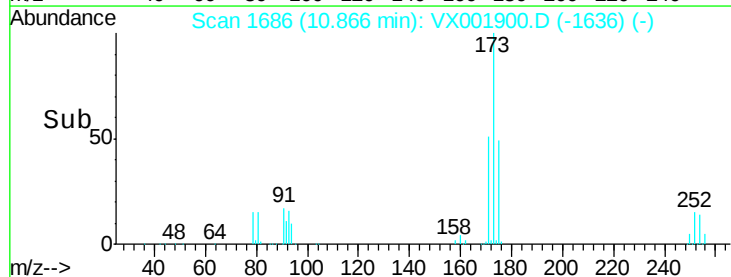
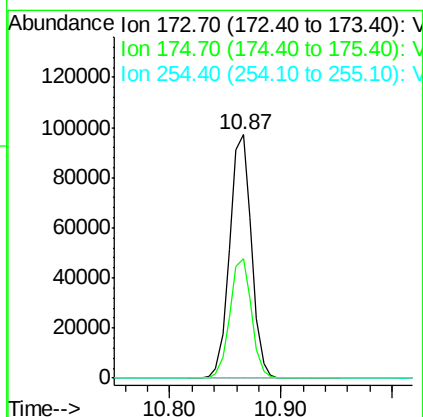
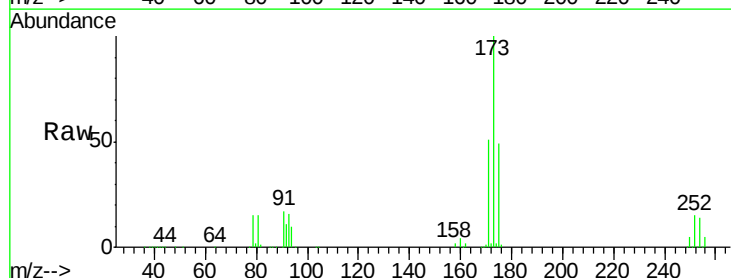
Instrument :
MSVOA_X
ClientSampled :

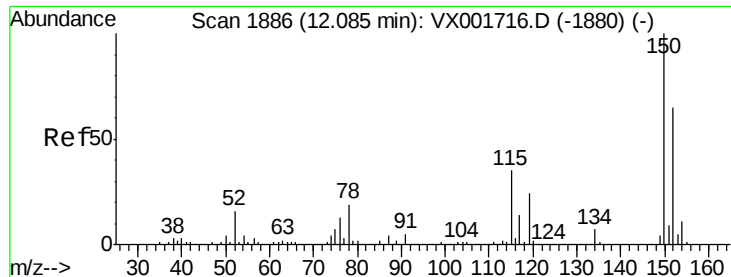
Tot Ion:104 Resp: 405029
Ion Ratio Lower Upper
104 100
78 47.4 37.3 55.9
103 55.0 43.7 65.5



#71
Bromoform
Concen: 52.76 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion:173 Resp: 130452
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

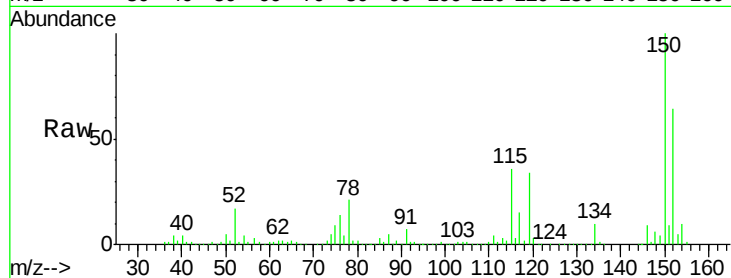
Tot Ion:152 Resp: 178142

Ion Ratio Lower Upper

152 100

115 77.4 37.4 112.2

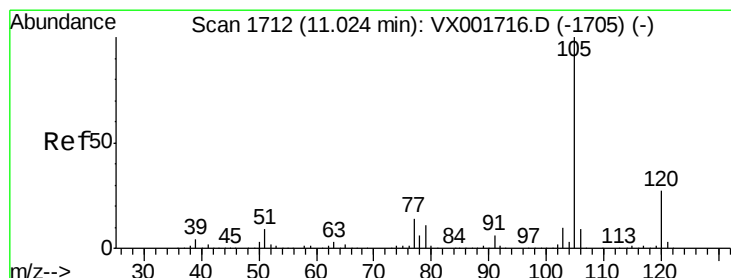
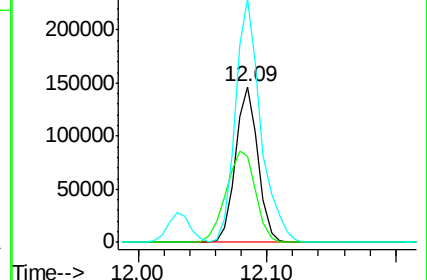
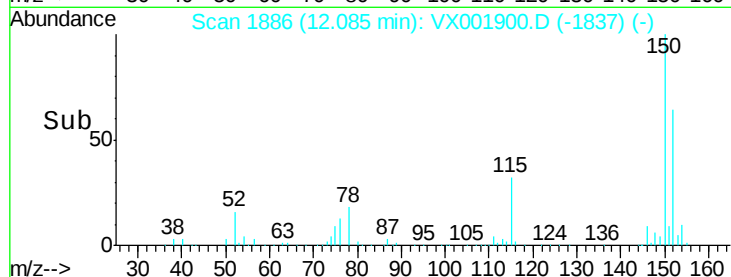
150 176.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 57.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001900.D

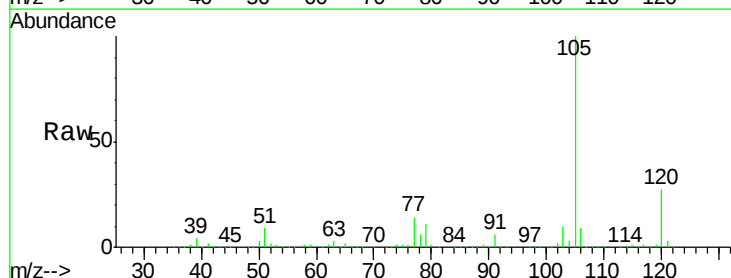
Acq: 22 May 2018 18:17

Tgt Ion:105 Resp: 674679

Ion Ratio Lower Upper

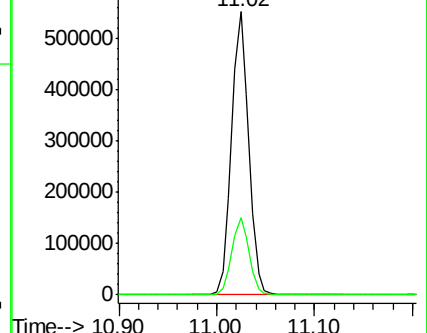
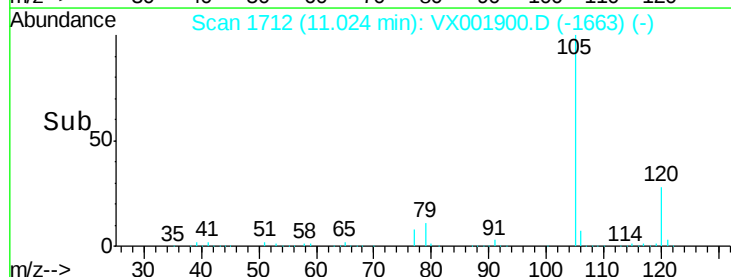
105 100

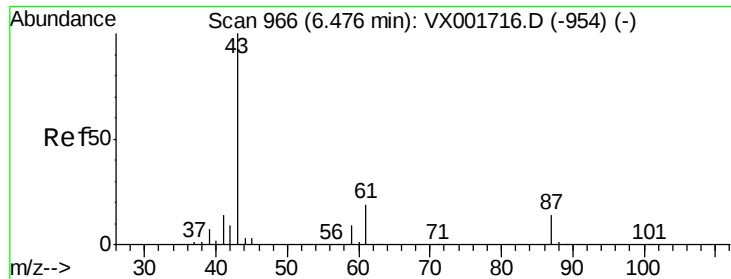
120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 63.27 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 355854

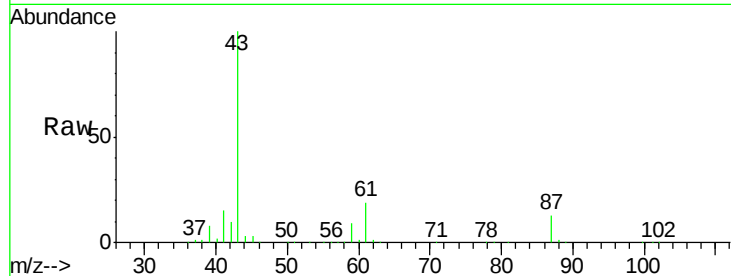
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.5 15.8 23.8

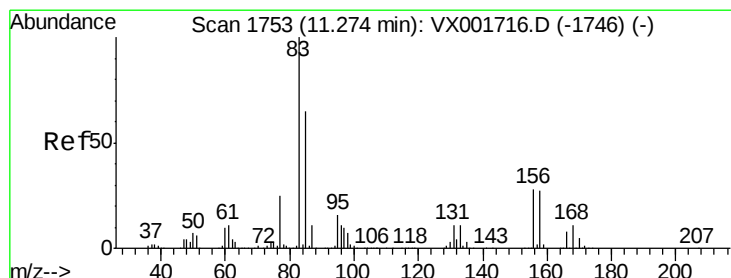
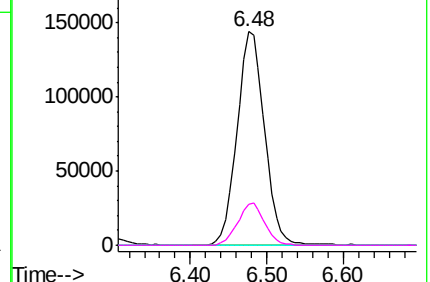
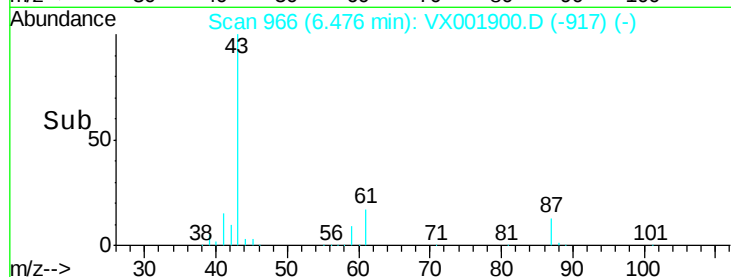


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 60.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

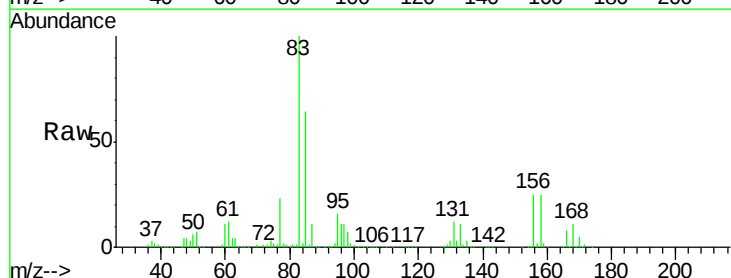
Tgt Ion: 83 Resp: 212907

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

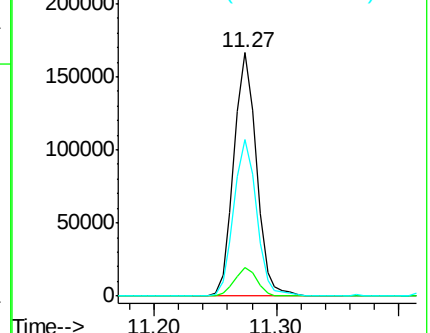
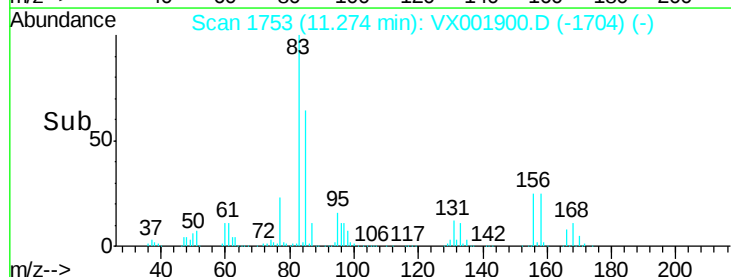
85 64.9 32.7 98.1

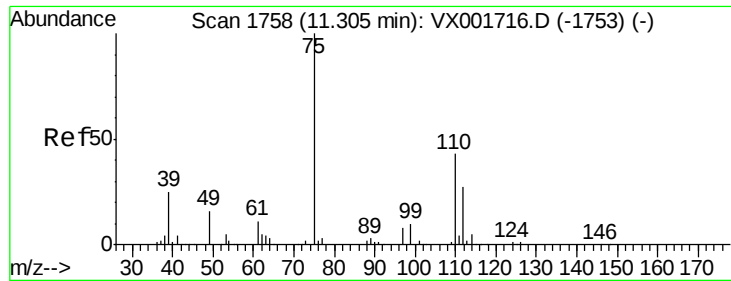


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 73.84 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

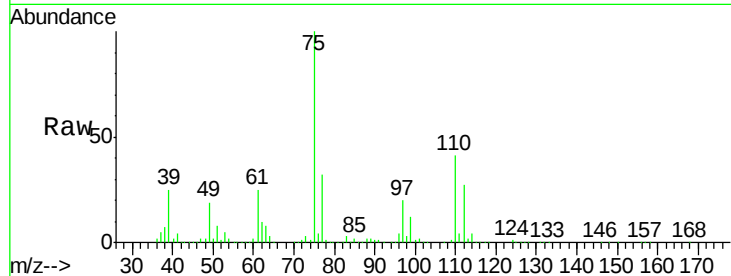
ClientSampleId :

Tot Ion: 75 Resp: 250139

Ion Ratio Lower Upper

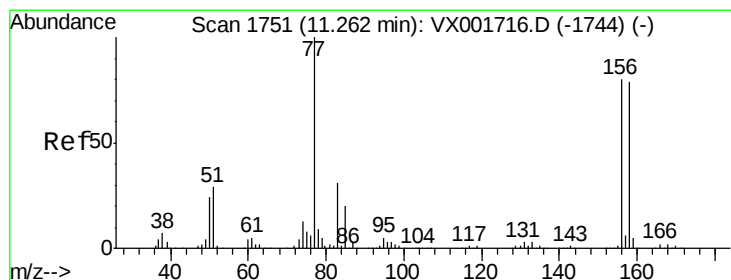
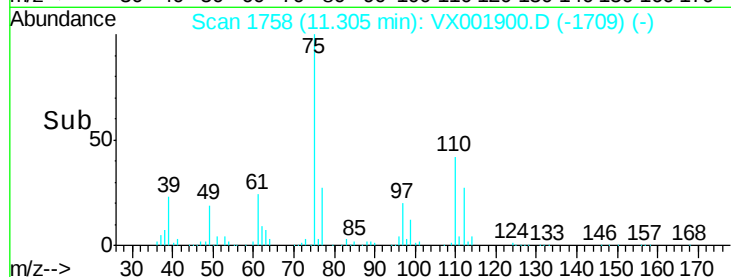
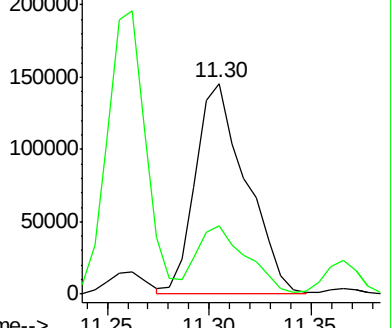
75 100

77 31.6 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: 56.04 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

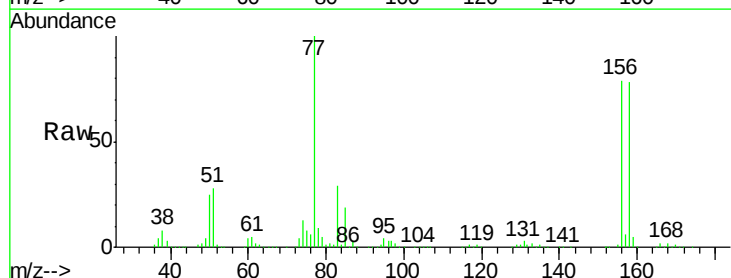
Tgt Ion: 156 Resp: 193203

Ion Ratio Lower Upper

156 100

77 132.7 65.3 196.0

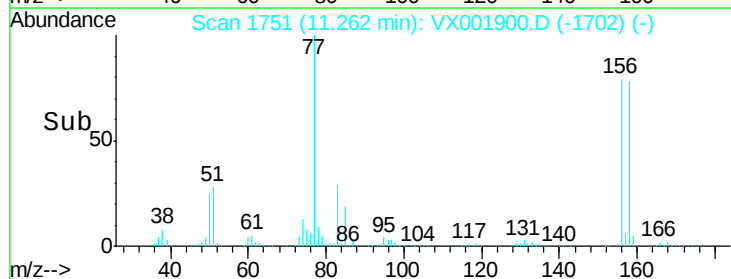
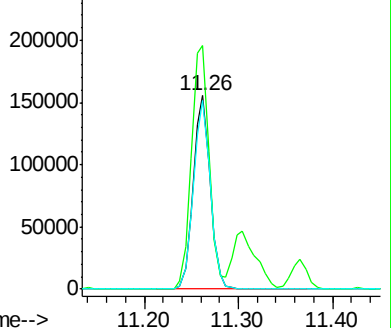
158 97.5 49.1 147.3

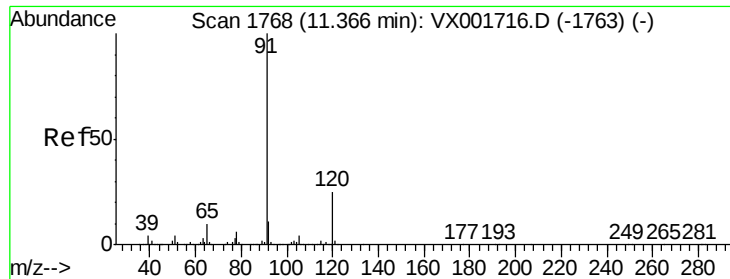


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 55.58 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

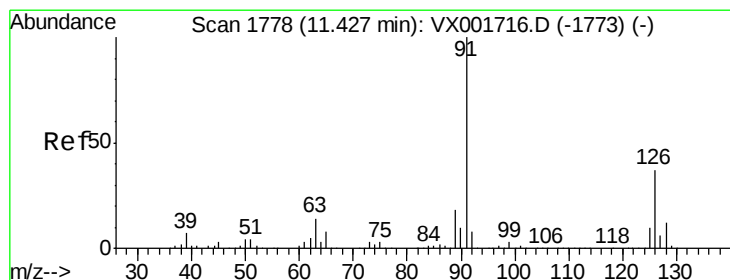
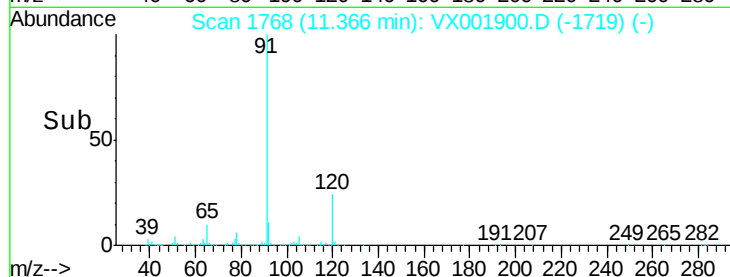
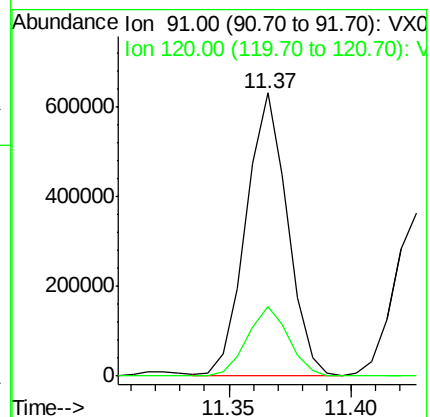
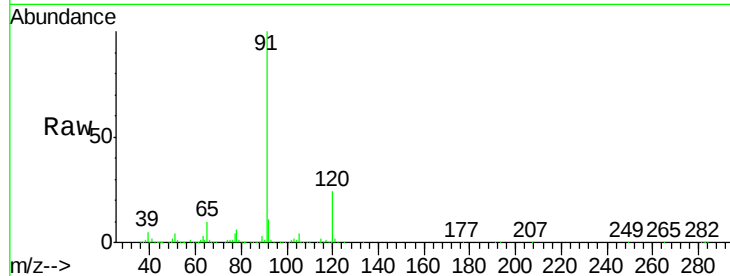
ClientSampleId :

Tot Ion: 91 Resp: 734636

Ion Ratio Lower Upper

91 100

120 24.7 12.5 37.5



#79

2-Chlorotoluene

Concen: 56.42 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001900.D

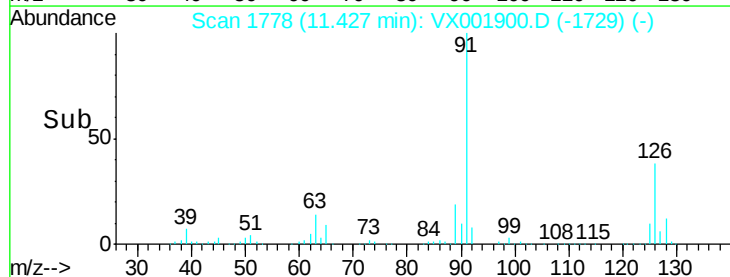
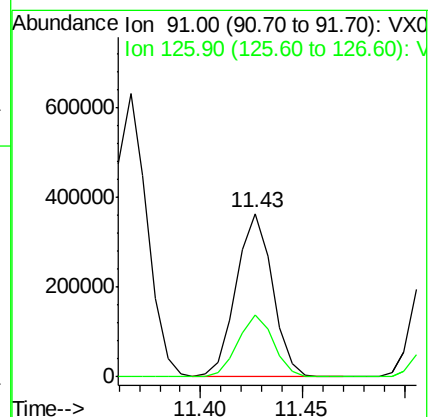
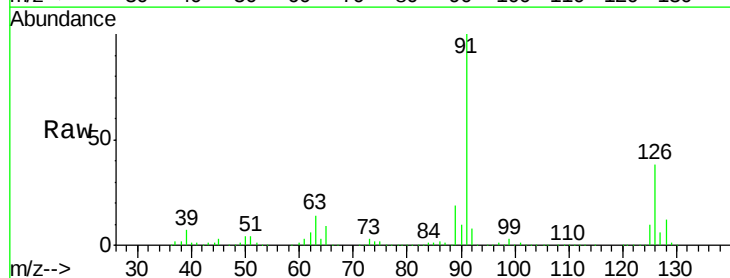
Acq: 22 May 2018 18:17

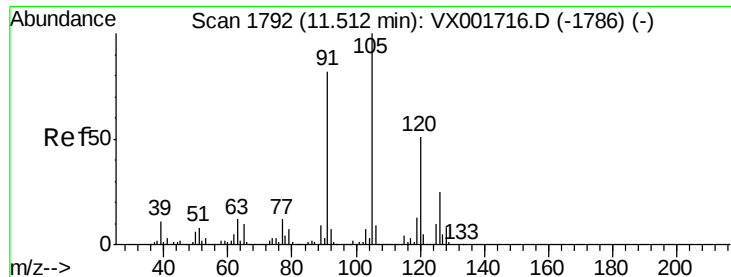
Tgt Ion: 91 Resp: 445983

Ion Ratio Lower Upper

91 100

126 37.2 18.4 55.4

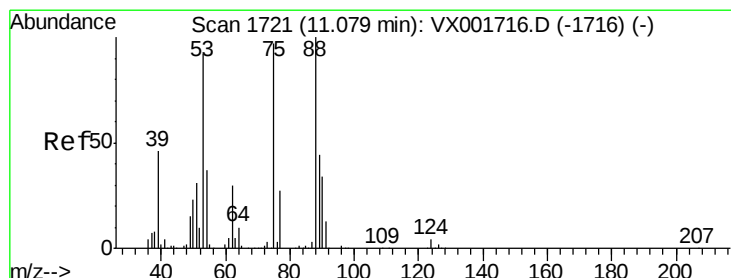
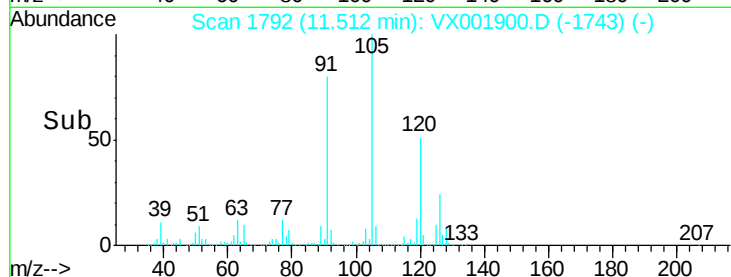
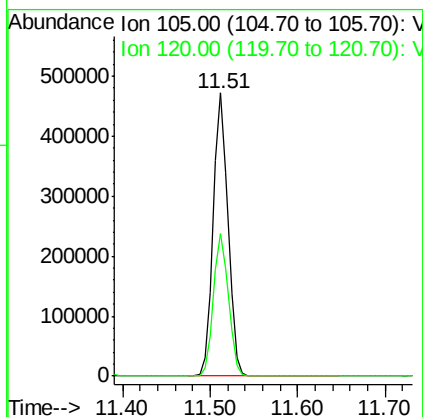
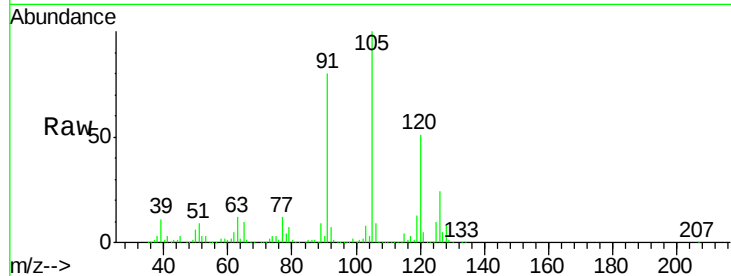




#80
 1,3,5-Trimethylbenzene
 Concen: 57.80 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

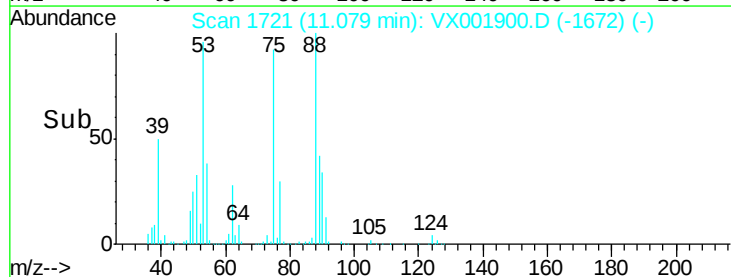
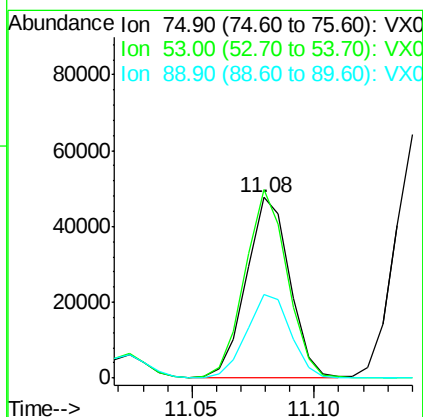
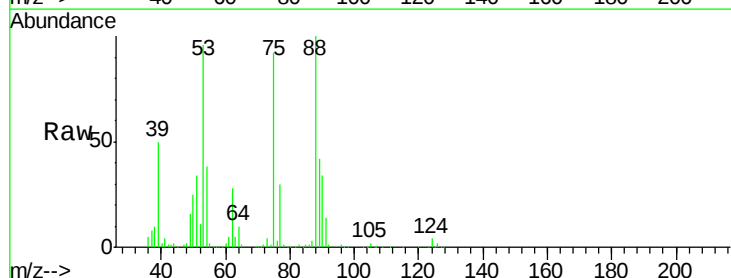
Instrument :
 MSVOA_X
 ClientSampled :

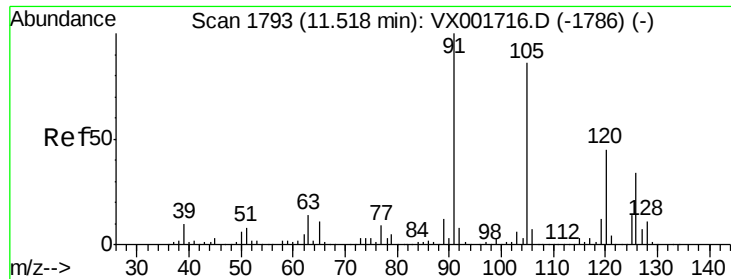
Tot Ion:105 Resp: 556293
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.09 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion: 75 Resp: 58157
 Ion Ratio Lower Upper
 75 100
 53 103.2 79.4 119.2
 89 47.6 38.8 58.2

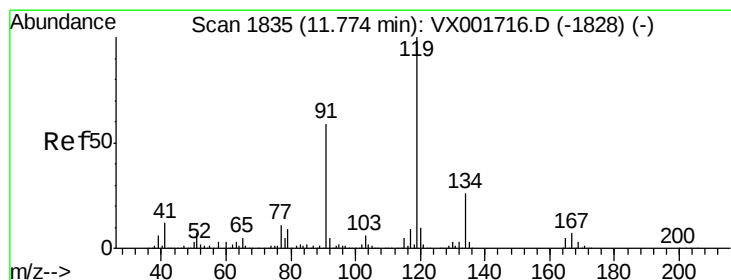
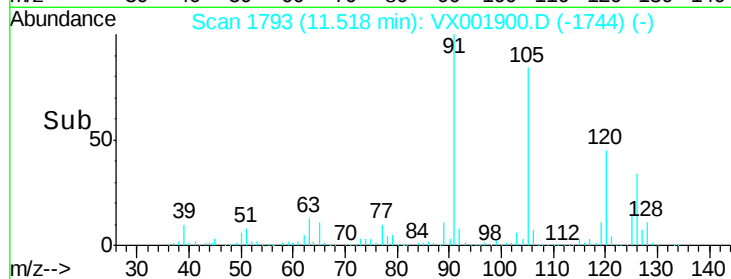
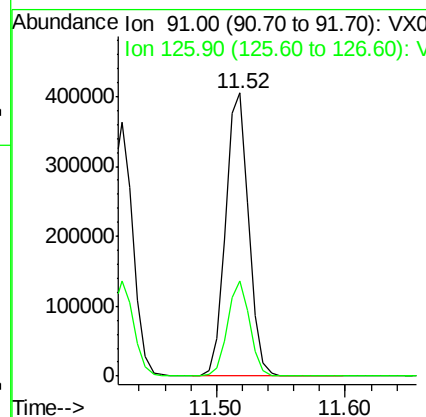
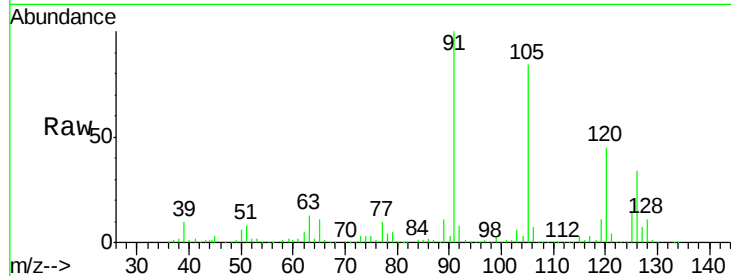




#82
4-Chlorotoluene
Concen: 54.96 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

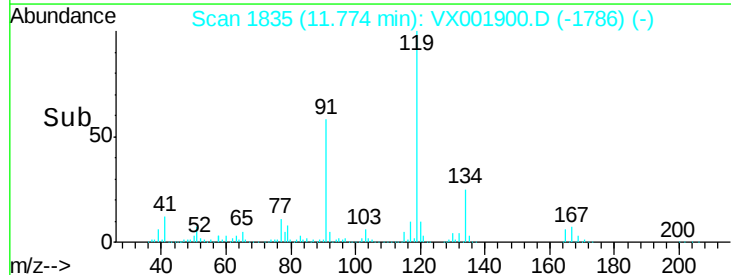
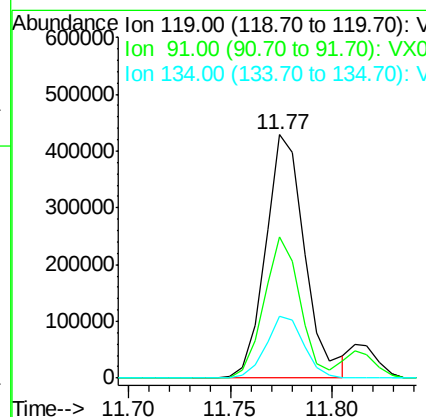
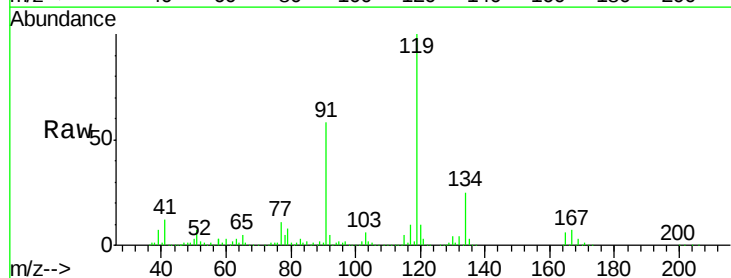
Instrument :
MSVOA_X
ClientSampleId :

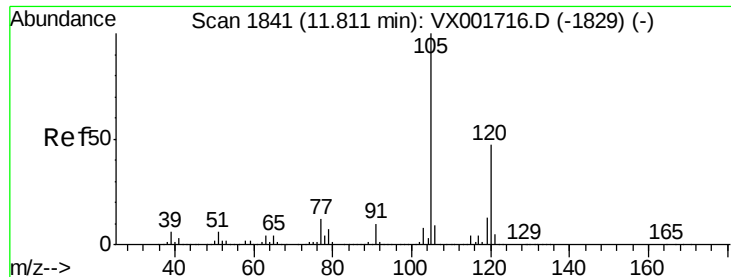
Tot Ion: 91 Resp: 511840
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.1



#83
tert-Butylbenzene
Concen: 59.99 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion: 119 Resp: 574590
Ion Ratio Lower Upper
119 100
91 53.3 27.7 83.0
134 24.3 12.7 38.1





#84

1,2,4-Trimethylbenzene

Concen: 57.98 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

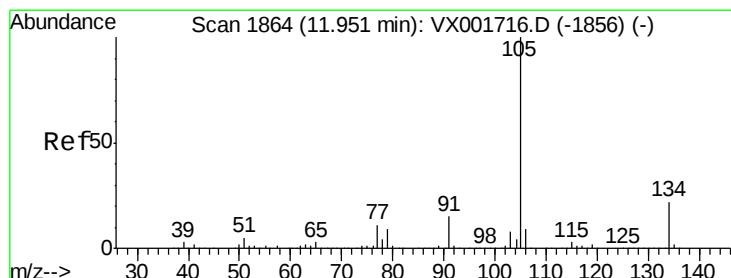
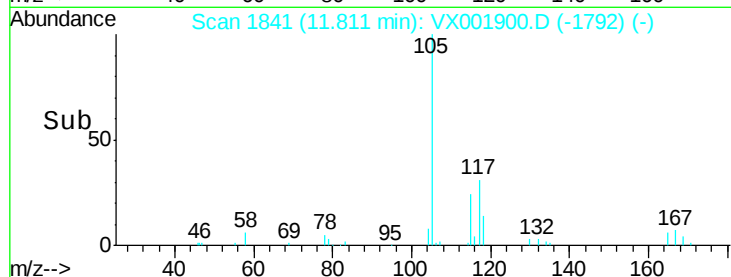
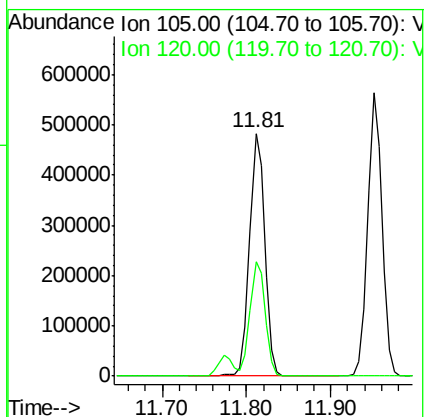
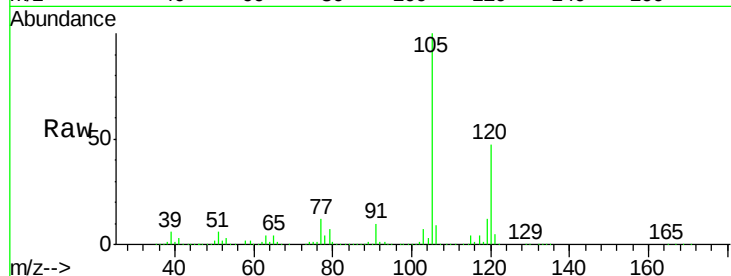
ClientSampleId :

Tot Ion:105 Resp: 577876

Ion Ratio Lower Upper

105 100

120 46.8 23.5 70.5



#85

sec-Butylbenzene

Concen: 56.52 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001900.D

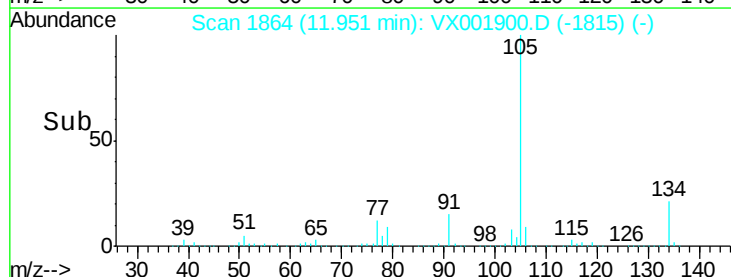
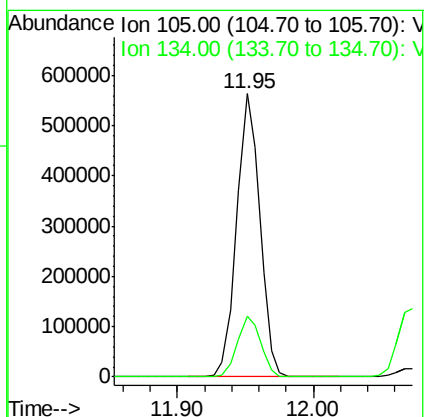
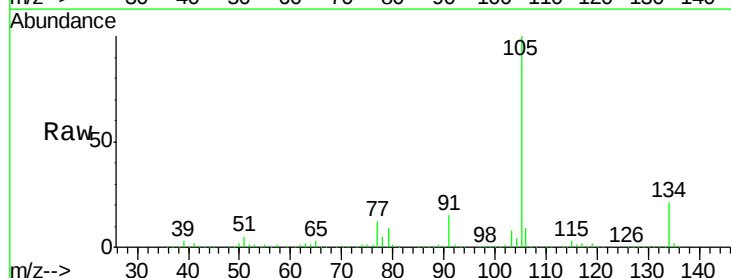
Acq: 22 May 2018 18:17

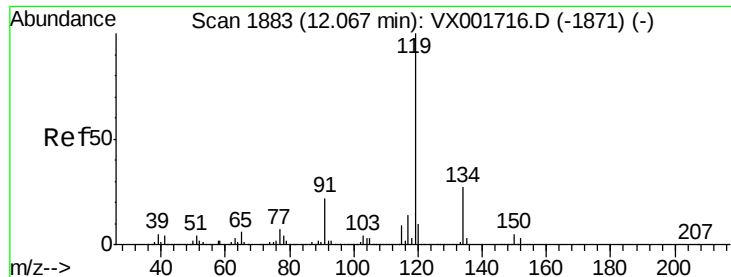
Tgt Ion:105 Resp: 668192

Ion Ratio Lower Upper

105 100

134 21.7 10.9 32.6

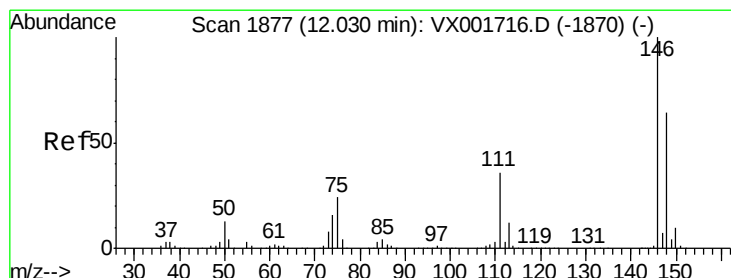
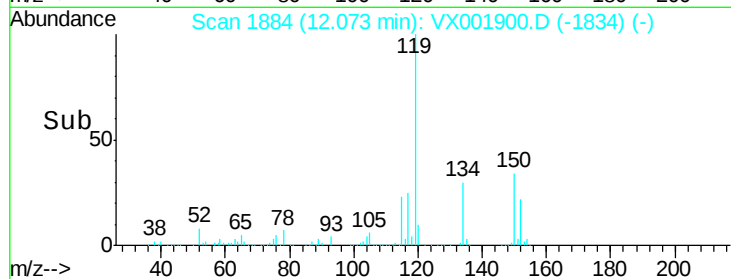
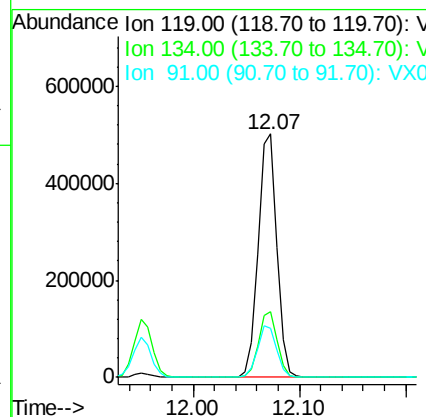
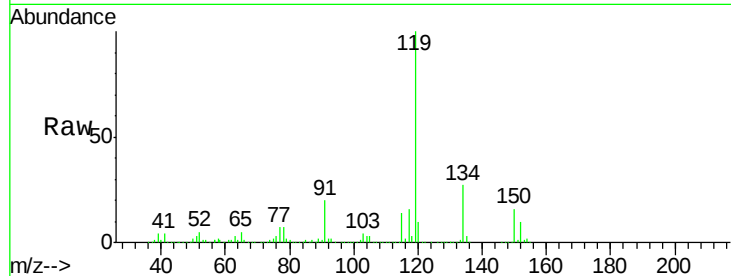




#86
p-Isopropyltoluene
Concen: 56.45 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

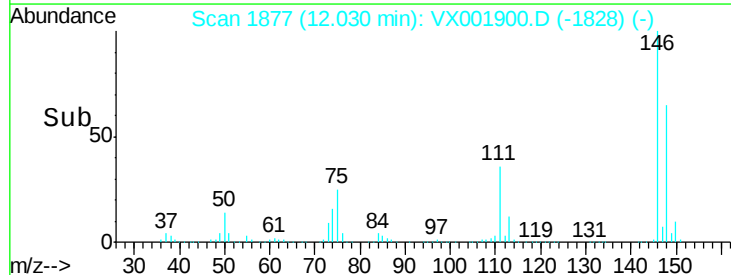
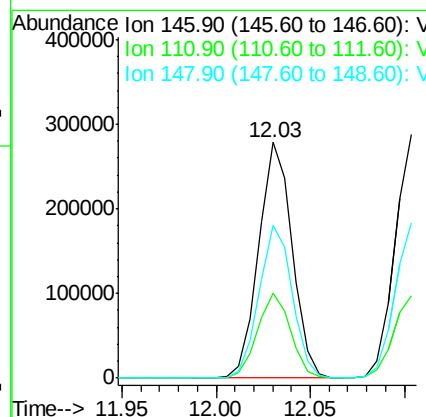
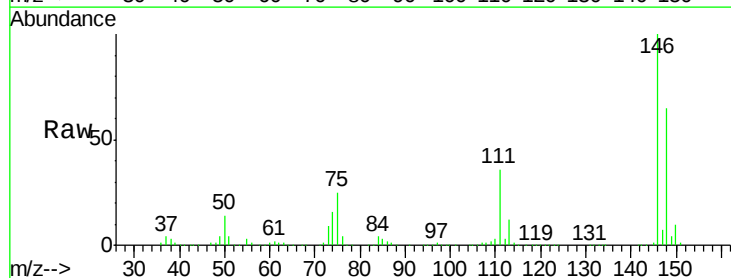
Instrument :
MSVOA_X
ClientSampleId :

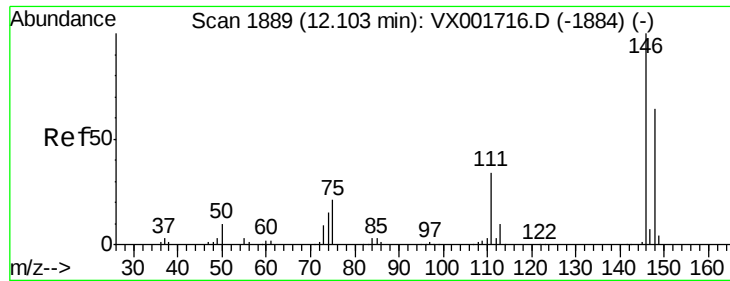
Tot Ion:119 Resp: 617526
Ion Ratio Lower Upper
119 100
134 27.0 13.6 40.8
91 21.4 10.7 32.1



#87
1,3-Dichlorobenzene
Concen: 53.80 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion:146 Resp: 342958
Ion Ratio Lower Upper
146 100
111 35.7 17.8 53.4
148 64.4 32.1 96.3

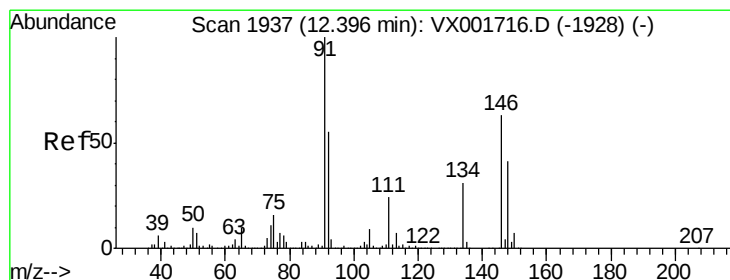
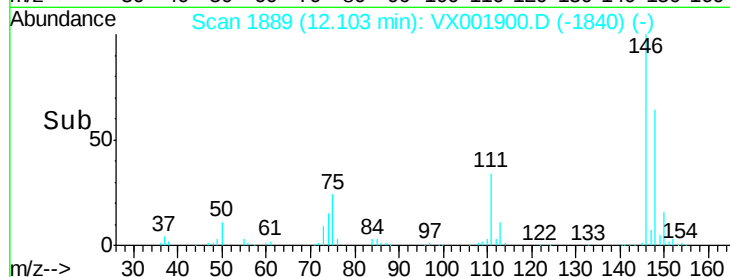
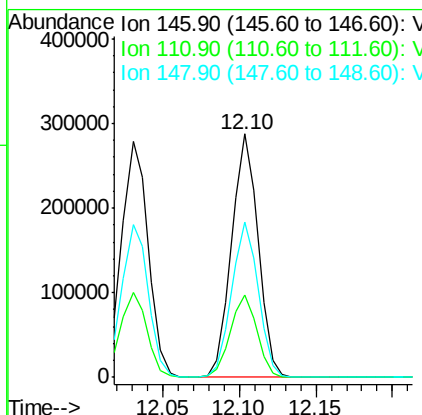
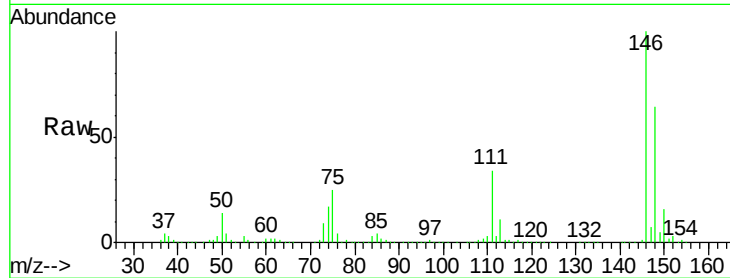




#88
 1,4-Dichlorobenzene
 Concen: 52.46 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

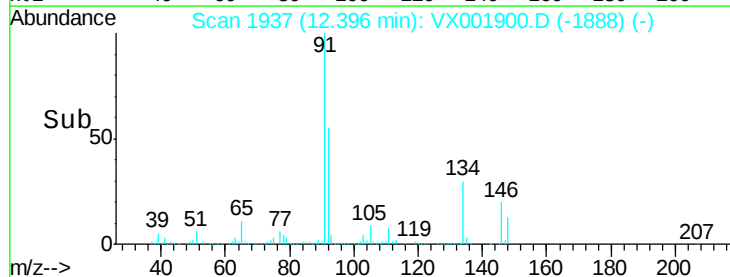
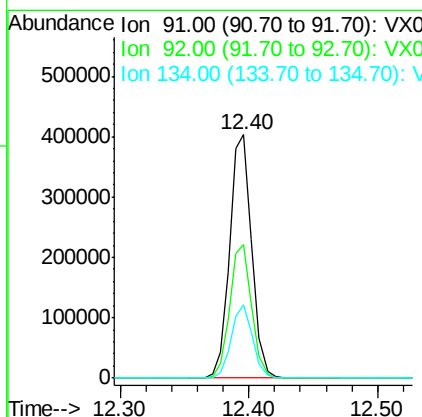
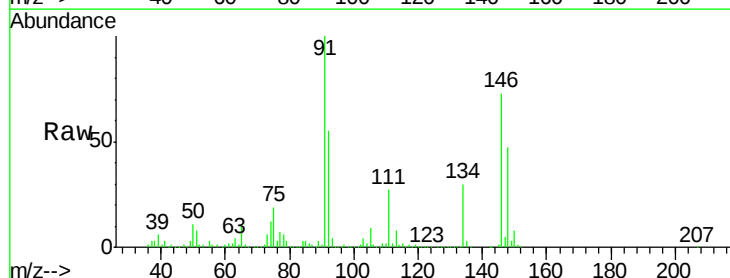
Instrument :
 MSVOA_X
 ClientSampleId :

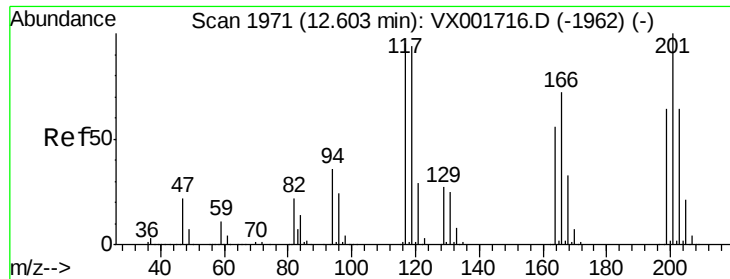
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.3	17.3	52.0
148	64.3	32.3	96.9



#89
 n-Butylbenzene
 Concen: 51.18 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.9
134	29.2	14.7	44.1

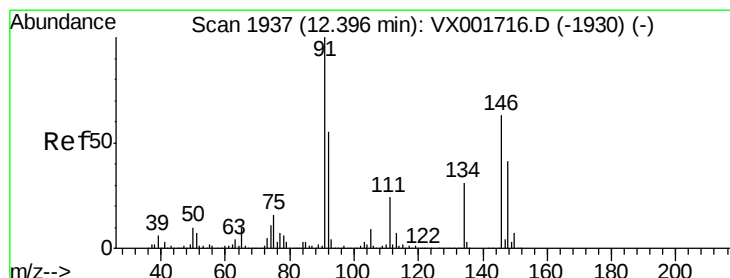
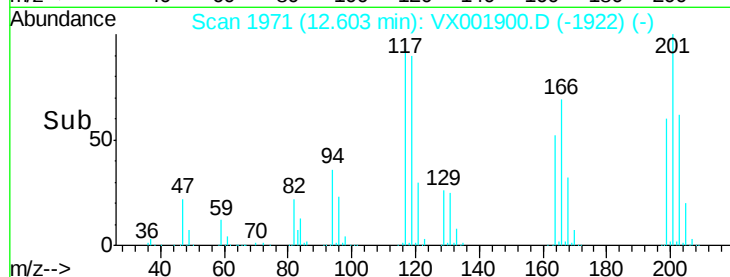
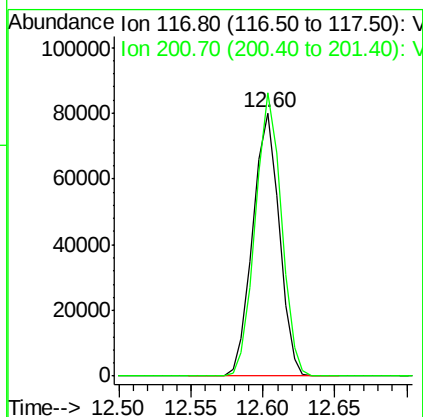
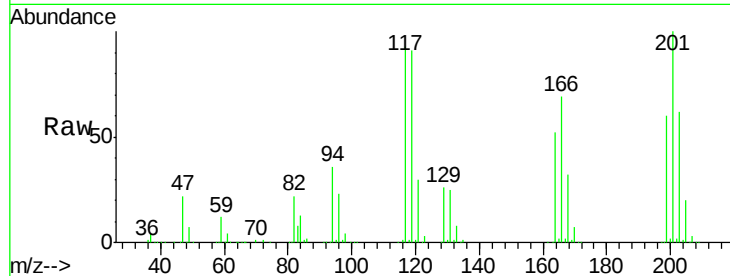




#90
Hexachloroethane
Concen: 59.70 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

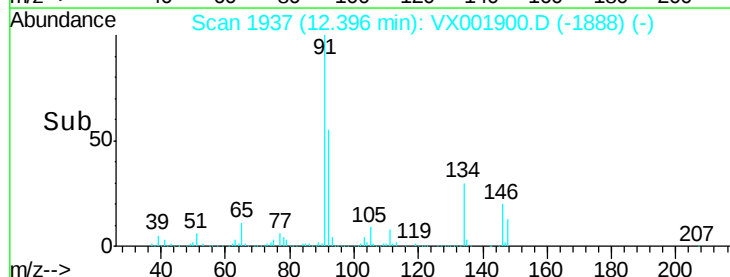
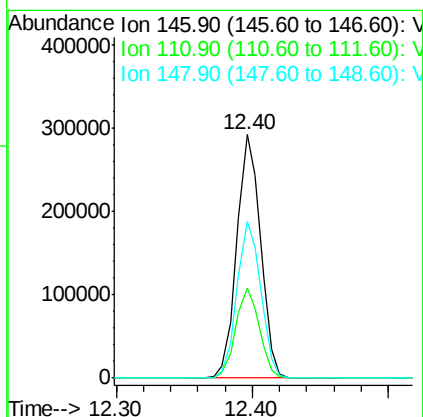
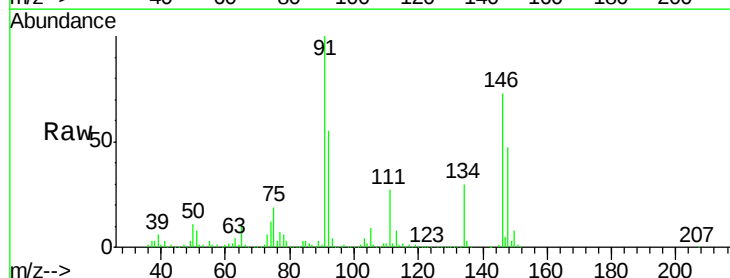
Instrument :
MSVOA_X
ClientSampleId :

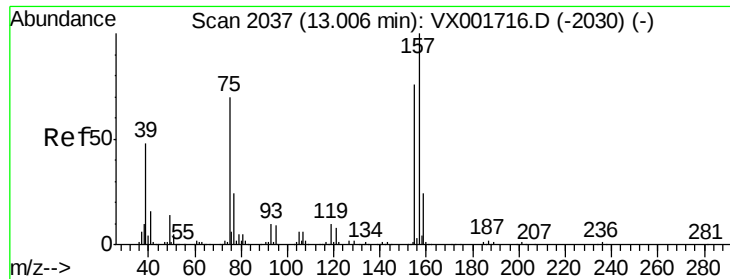
Tot Ion:117 Resp: 101440
Ion Ratio Lower Upper
117 100
201 105.6 51.9 155.7



#91
1,2-Dichlorobenzene
Concen: 56.07 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001900.D
Acq: 22 May 2018 18:17

Tgt Ion:146 Resp: 356134
Ion Ratio Lower Upper
146 100
111 36.9 18.6 56.0
148 64.4 32.4 97.0

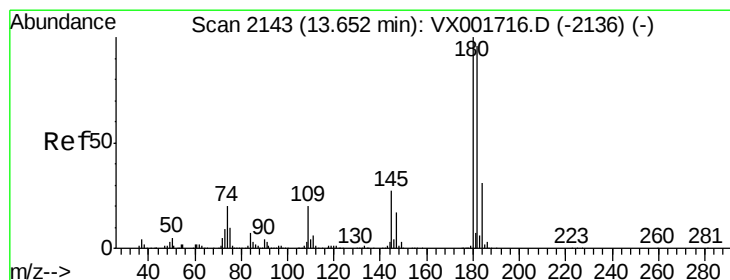
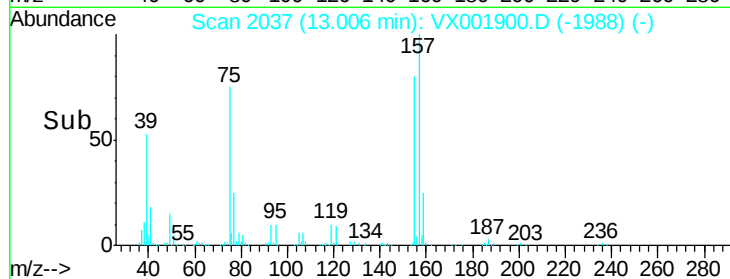
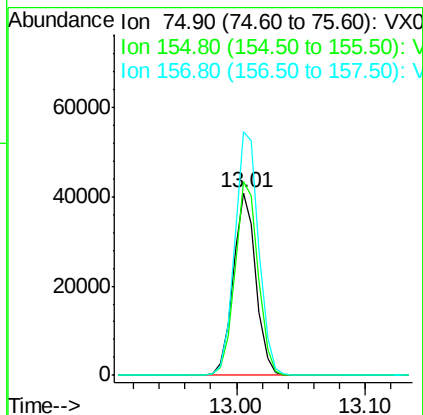
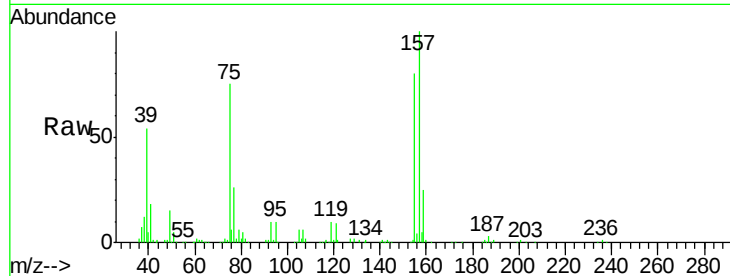




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 66.66 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

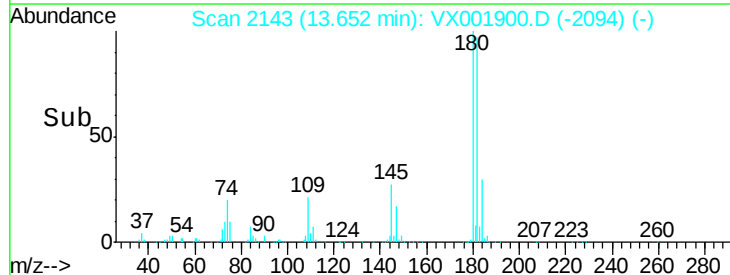
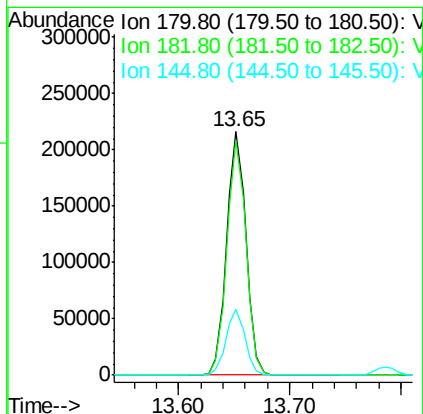
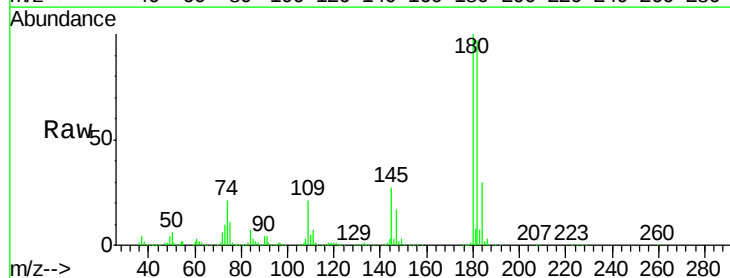
Instrument :
 MSVOA_X
 ClientSampleId :

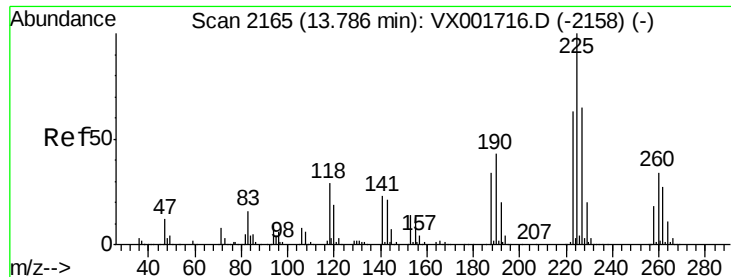
Tot Ion: 75 Resp: 50067
 Ion Ratio Lower Upper
 75 100
 155 108.6 53.9 161.8
 157 140.3 71.0 213.2



#93
 1,2,4-Trichlorobenzene
 Concen: 51.06 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Tgt Ion:180 Resp: 258511
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 26.7 13.4 40.1





#94

Hexachlorobutadiene

Concen: 48.75 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

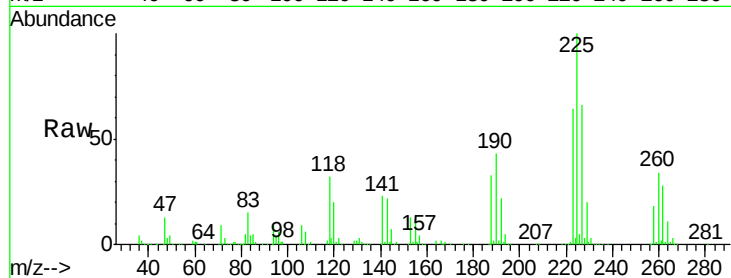
Tot Ion:225 Resp: 132526

Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.5

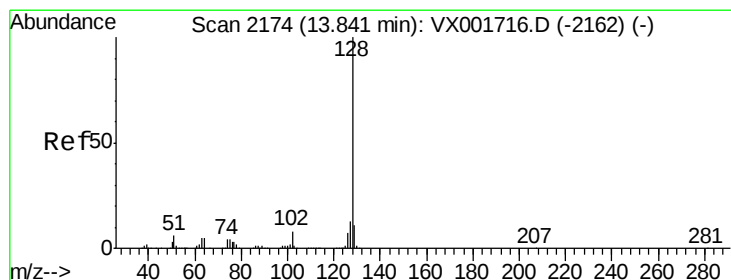
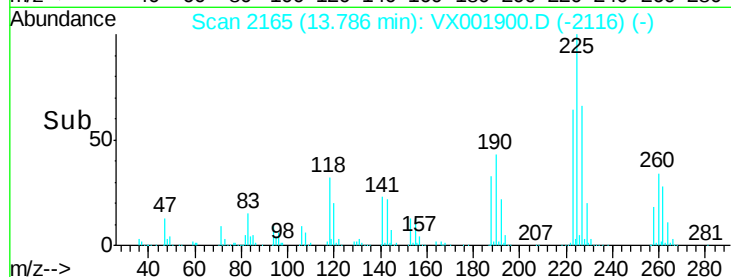
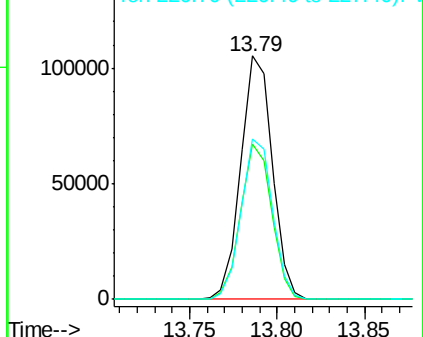
227 65.6 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 59.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001900.D

Acq: 22 May 2018 18:17

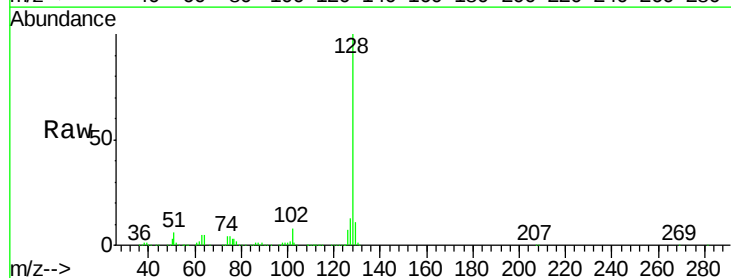
Tgt Ion:128 Resp: 778054

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

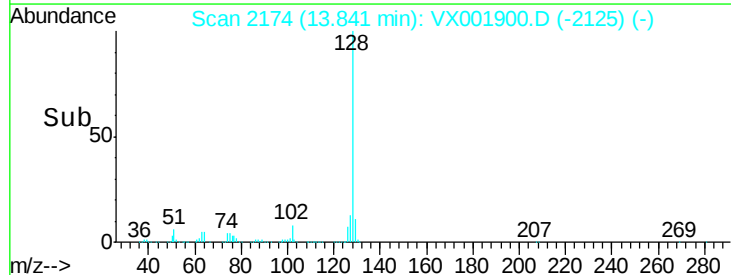
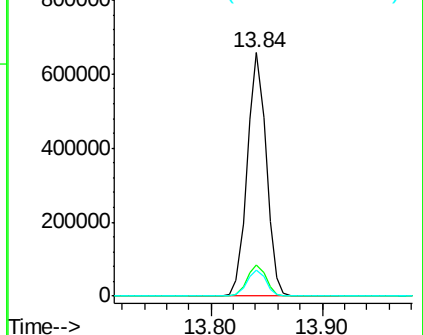
129 10.9 8.9 13.3

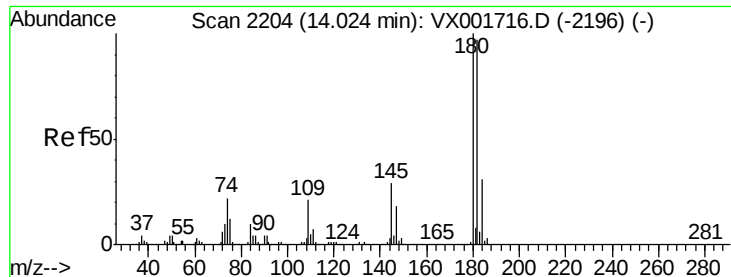


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 53.91 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001900.D
 Acq: 22 May 2018 18:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.7
145	28.4	14.2	42.8

