

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003042.D
 Acq On : 29 Jun 2018 21:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 23:31:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224169	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	184157	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
35) Dibromofluoromethane	5.51	113	153284	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
50) Toluene-d8	8.72	98	538614	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	207950	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	147634	60.59	ug/l	99
3) Chloromethane	1.32	50	147016	58.25	ug/l	99
4) Vinyl Chloride	1.40	62	160096	51.82	ug/l	95
5) Bromomethane	1.64	94	50799	34.37	ug/l	99
6) Chloroethane	1.72	64	104656	58.08	ug/l	98
7) Trichlorofluoromethane	1.92	101	251122	48.19	ug/l	99
8) Diethyl Ether	2.19	74	92424	48.78	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	143802	47.62	ug/l	99
10) Methyl Iodide	2.51	142	124585	41.84	ug/l	98
11) Tert butyl alcohol	3.09	59	173982	231.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131536	48.82	ug/l	91
13) Acrolein	2.29	56	94147	226.17	ug/l	100
14) Allyl chloride	2.73	41	254985	48.01	ug/l	96
15) Acrylonitrile	3.15	53	404895	252.00	ug/l	99
16) Acetone	2.45	43	365210	233.54	ug/l	96
17) Carbon Disulfide	2.57	76	359352	50.06	ug/l	99
18) Methyl Acetate	2.78	43	198124	45.32	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	460635	47.56	ug/l	99
20) Methylene Chloride	2.86	84	146718	48.21	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	140332	47.82	ug/l	96
22) Diisopropyl ether	3.88	45	496603	48.92	ug/l	99
23) Vinyl Acetate	3.83	43	2185088	254.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262219	47.52	ug/l	99
25) 2-Butanone	4.71	43	593315	255.65	ug/l	97
26) 2,2-Dichloropropane	4.59	77	167101	37.24	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	162247	49.31	ug/l	92
28) Bromochloromethane	5.02	49	131387	49.75	ug/l	93
29) Tetrahydrofuran	5.17	42	383356	257.58	ug/l	97
30) Chloroform	5.22	83	281788	49.76	ug/l	98
31) Cyclohexane	5.57	56	232101	49.01	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	249288	50.03	ug/l	99
36) 1,1-Dichloropropene	5.80	75	203754	49.42	ug/l	98
37) Ethyl Acetate	4.87	43	230957	52.03	ug/l	99
38) Carbon Tetrachloride	5.78	117	225855	49.92	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224624	46.77	ug/l	98
40) Benzene	6.15	78	602847	50.32	ug/l	99
41) Methacrylonitrile	5.07	41	131157	51.31	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232183	47.98	ug/l	99
43) Isopropyl Acetate	6.47	43	366193	49.19	ug/l	98
44) Trichloroethene	7.21	130	176443	49.40	ug/l	98
45) 1,2-Dichloropropane	7.53	63	156917	49.38	ug/l	100
46) Dibromomethane	7.67	93	109826	49.80	ug/l	97
47) Bromodichloromethane	7.90	83	208248	51.08	ug/l	98
48) Methyl methacrylate	7.78	41	191071	49.81	ug/l	96
49) 1,4-Dioxane	7.76	88	76582	1026.10	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1207848	259.30	ug/l	98
52) Toluene	8.79	92	387128	50.45	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	234240	50.73	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	212023	47.73	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160610	50.93	ug/l	98
56) Ethyl methacrylate	9.18	69	240148	52.11	ug/l	95
57) 1,3-Dichloropropane	9.38	76	260153	50.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	583290	262.33	ug/l	97
59) 2-Hexanone	9.50	43	920681	260.07	ug/l	97
60) Dibromochloromethane	9.59	129	172247	51.89	ug/l	100
61) 1,2-Dibromoethane	9.68	107	169236	51.16	ug/l	100
64) Tetrachloroethene	9.34	164	199796	50.53	ug/l	99
65) Chlorobenzene	10.14	112	446643	49.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	166203	50.65	ug/l	100
67) Ethyl Benzene	10.26	91	753965	50.53	ug/l	100
68) m/p-Xylenes	10.36	106	587504	102.17	ug/l	99
69) o-Xylene	10.70	106	286961	51.25	ug/l	98
70) Styrene	10.71	104	482676	53.05	ug/l	99
71) Bromoform	10.86	173	135531	46.05	ug/l	100
73) Isopropylbenzene	11.02	105	769706	51.04	ug/l	100
74) N-amyl acetate	6.47	43	366193	49.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	238313	51.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	267794	65.95	ug/l	80
77) Bromobenzene	11.26	156	216621	50.44	ug/l	97
78) n-propylbenzene	11.37	91	861384	50.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	516732	49.72	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	639117	50.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	59195	42.82	ug/l	99
82) 4-Chlorotoluene	11.51	91	613827	49.89	ug/l	100
83) tert-Butylbenzene	11.77	119	626554	50.05	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	662215	50.32	ug/l	98
85) sec-Butylbenzene	11.95	105	741327	48.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	672334	49.25	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	387747	49.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392436	48.62	ug/l	99
89) n-Butylbenzene	12.39	91	562536	47.34	ug/l	99
90) Hexachloroethane	12.60	117	97975	48.25	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	392351	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54779	52.46	ug/l	97

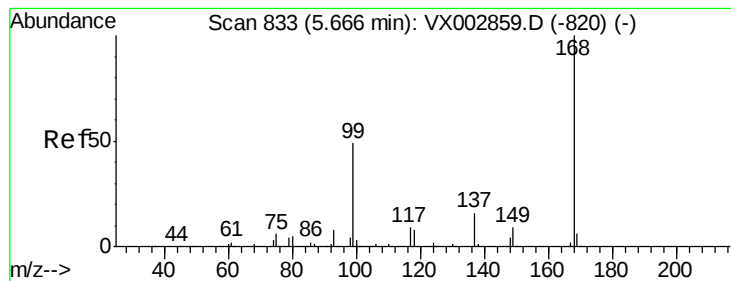
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062918\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	279602	48.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	137167	47.73	ug/l	98
95) Naphthalene	13.83	128	817114	53.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	285221	49.56	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

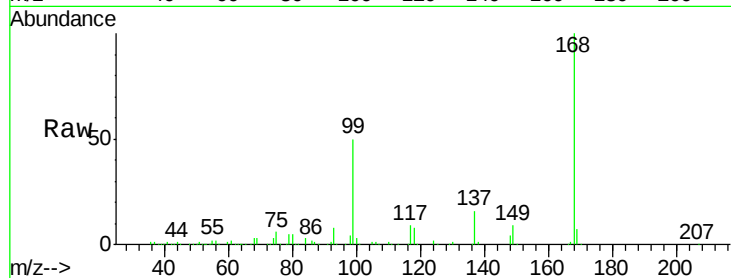
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 273193

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

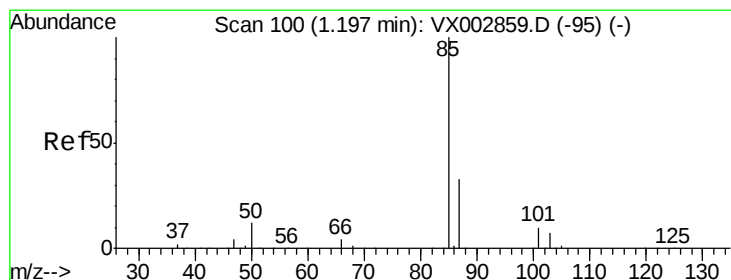
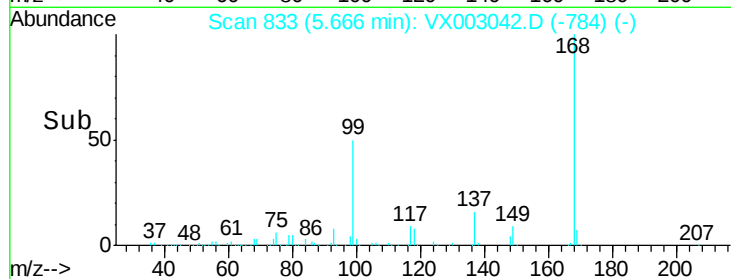
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 60.59 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003042.D

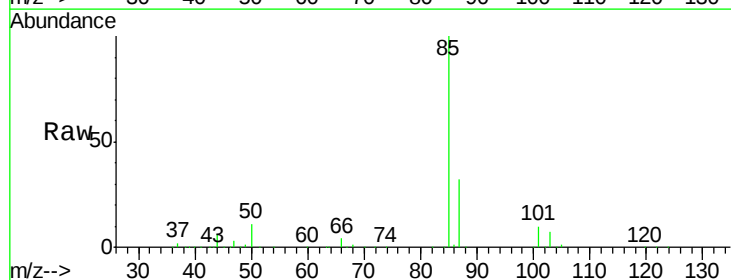
Acq: 29 Jun 2018 21:11

Tgt Ion: 85 Resp: 147634

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

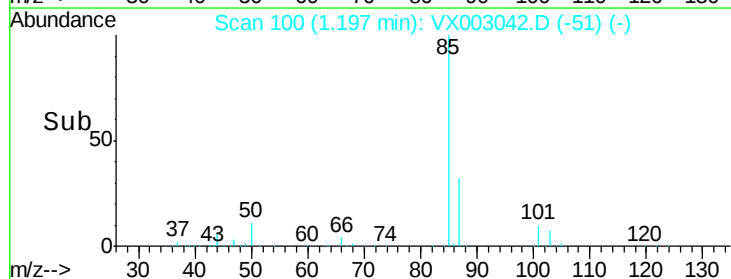
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 58.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

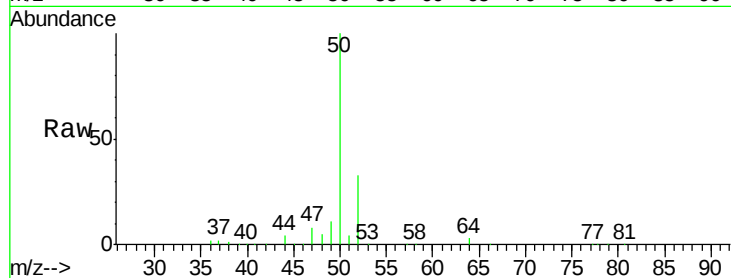
ClientSampled :

Tot Ion: 50 Resp: 147016

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

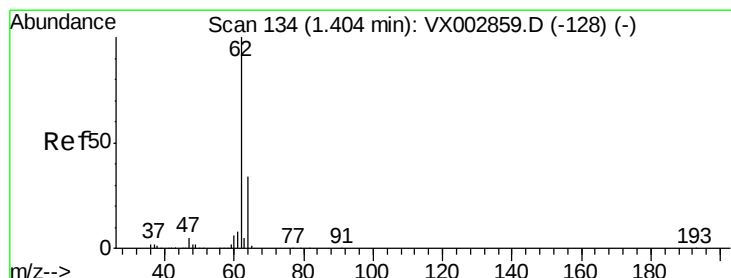
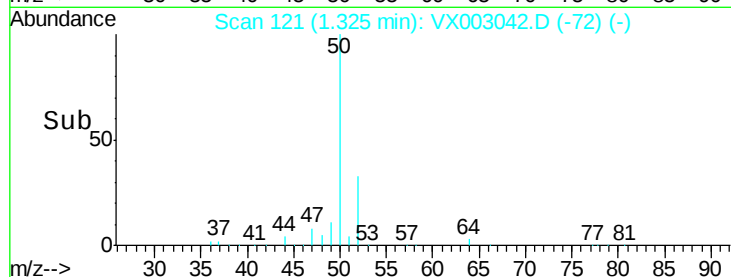
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 51.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003042.D

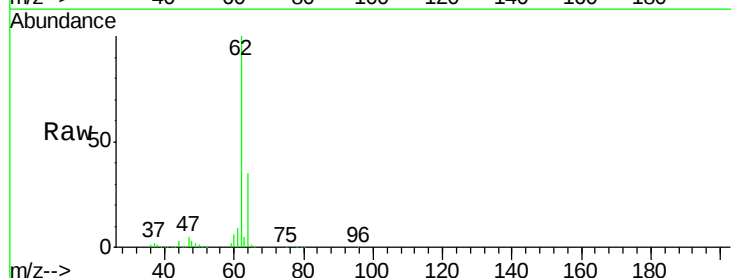
Acq: 29 Jun 2018 21:11

Tgt Ion: 62 Resp: 160096

Ion Ratio Lower Upper

62 100

64 34.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

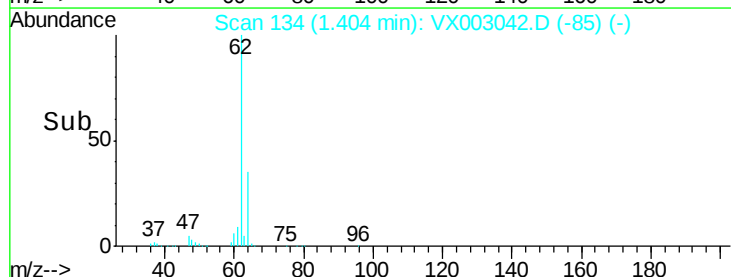
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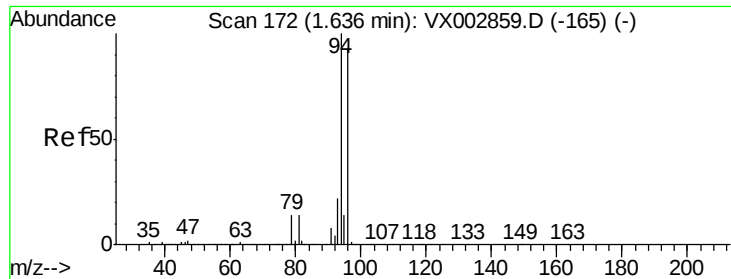
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 34.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

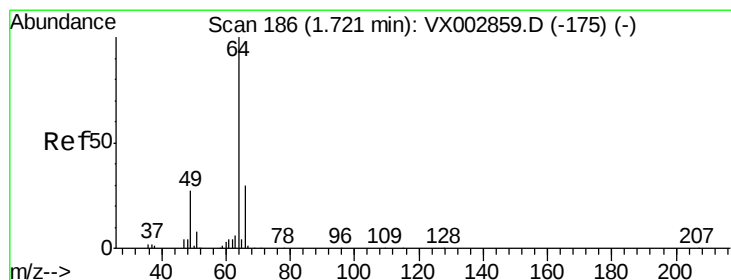
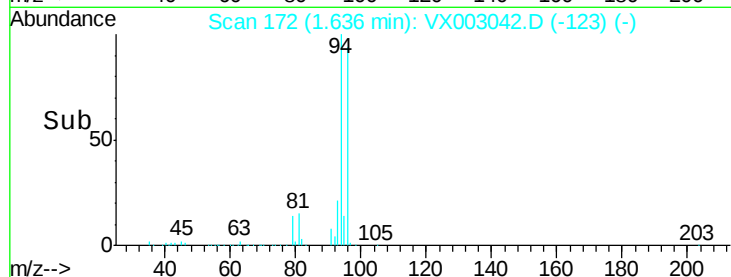
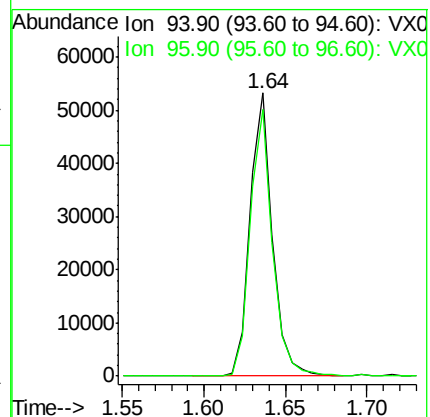
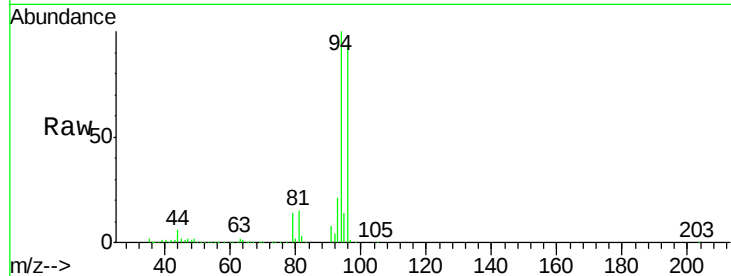
ClientSampled :

Tot Ion: 94 Resp: 50799

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3



#6

Chloroethane

Concen: 58.08 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003042.D

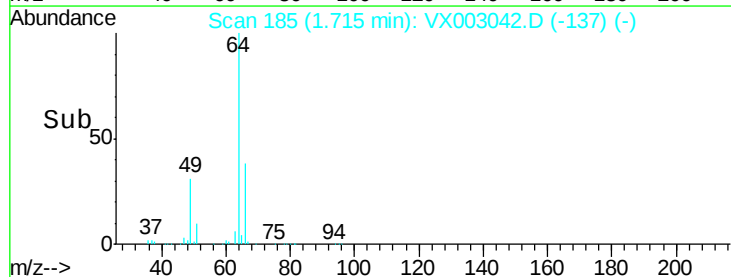
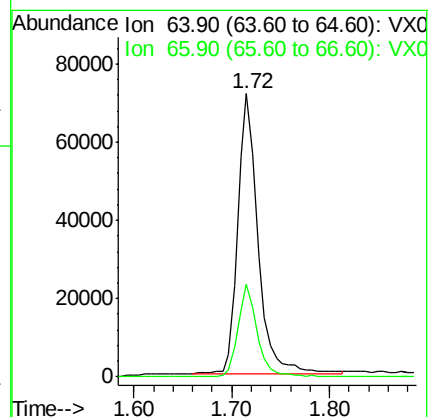
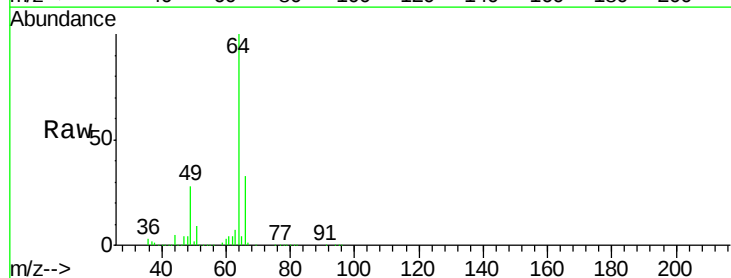
Acq: 29 Jun 2018 21:11

Tgt Ion: 64 Resp: 104656

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



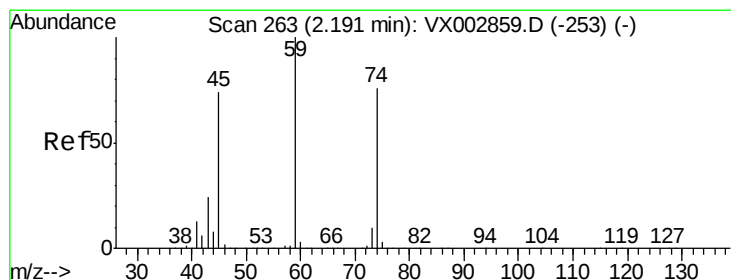
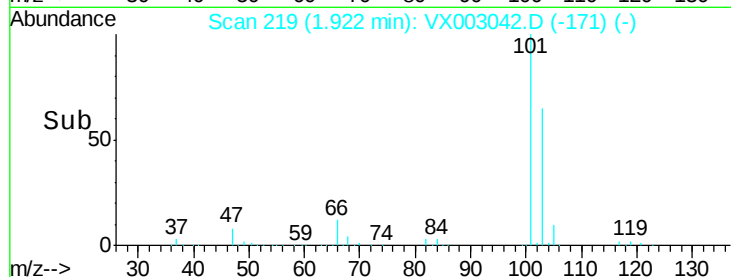
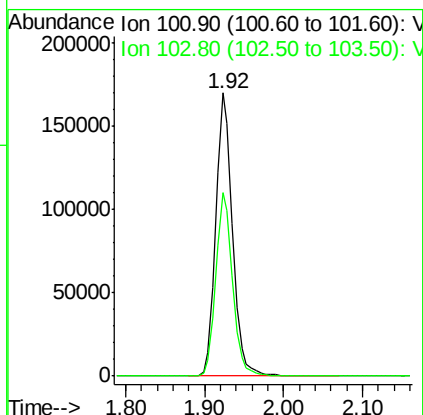
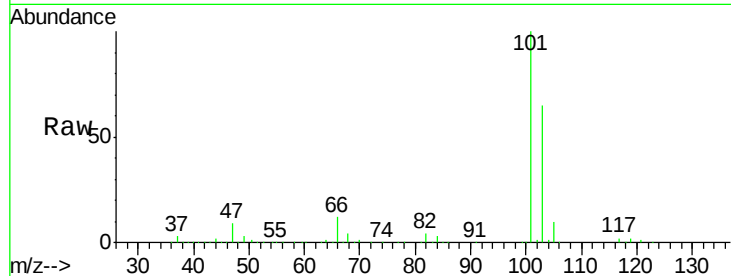


#7

Trichlorofluoromethane
 Concen: 48.19 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :

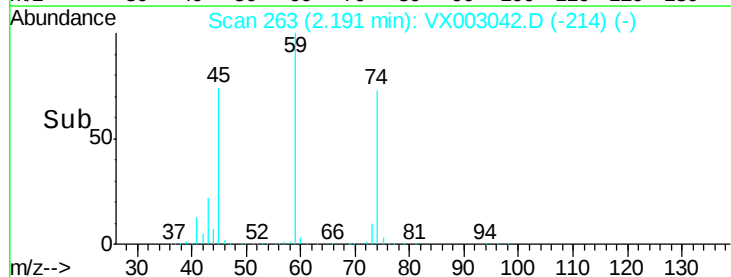
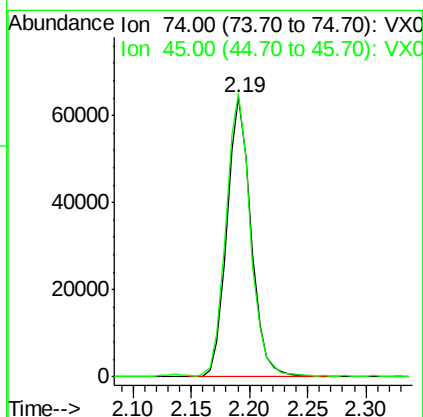
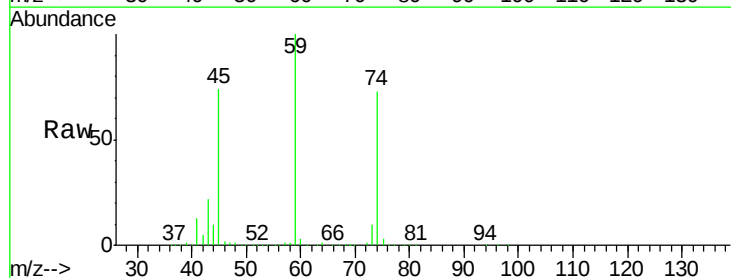
Tot Ion:101 Resp: 251122
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2

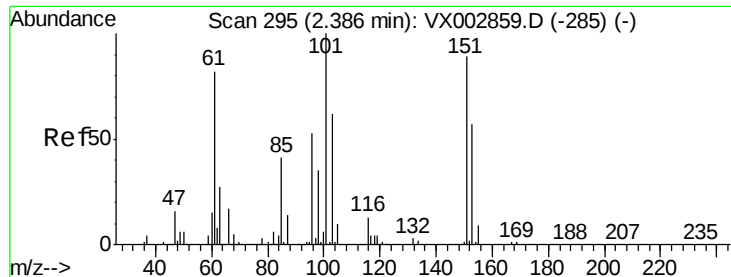


#8

Diethyl Ether
 Concen: 48.78 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion: 74 Resp: 92424
 Ion Ratio Lower Upper
 74 100
 45 101.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.62 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

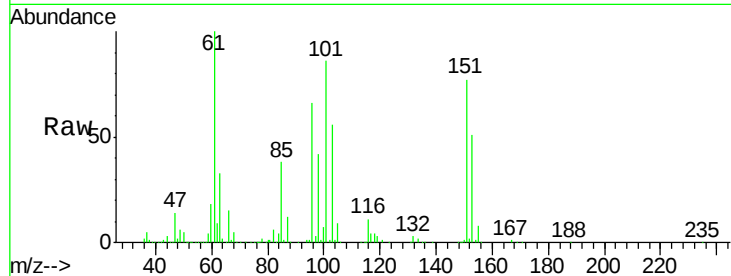
Tot Ion:101 Resp: 143802

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

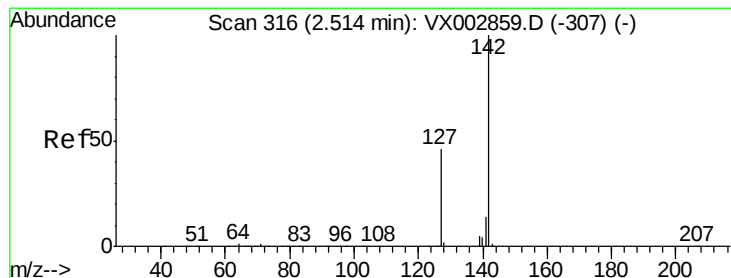
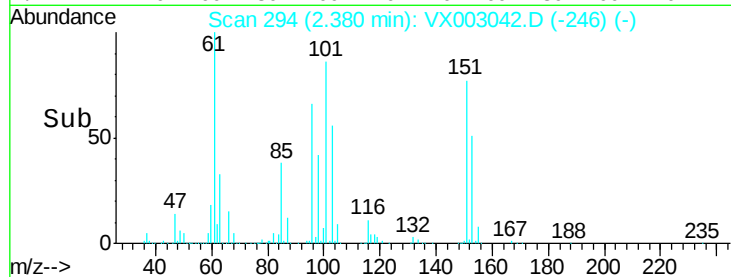
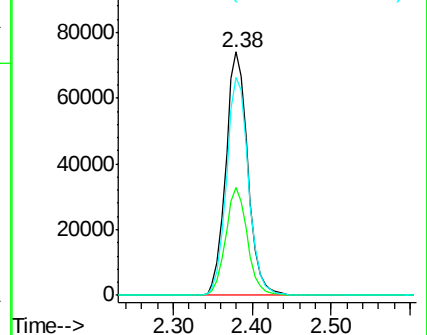
151 89.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.84 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

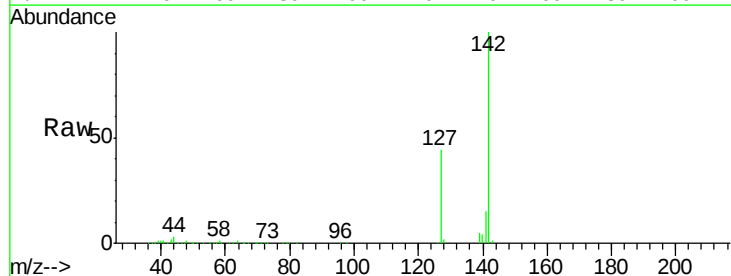
Tgt Ion:142 Resp: 124585

Ion Ratio Lower Upper

142 100

127 44.1 36.6 55.0

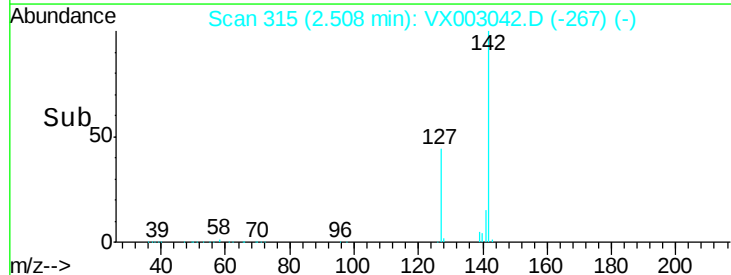
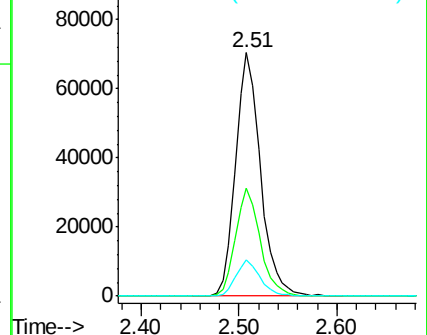
141 14.4 11.3 16.9

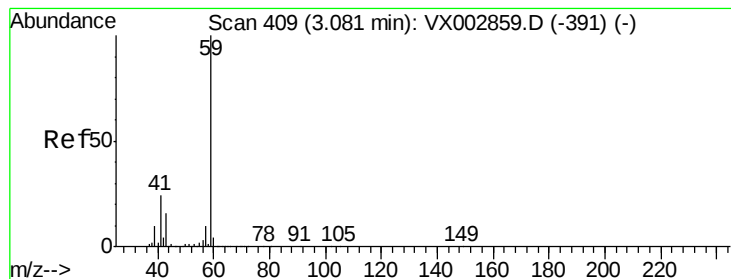


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



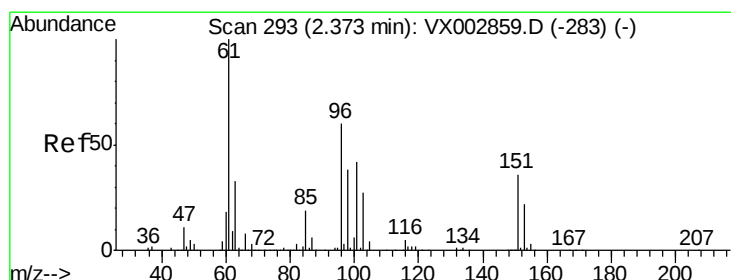
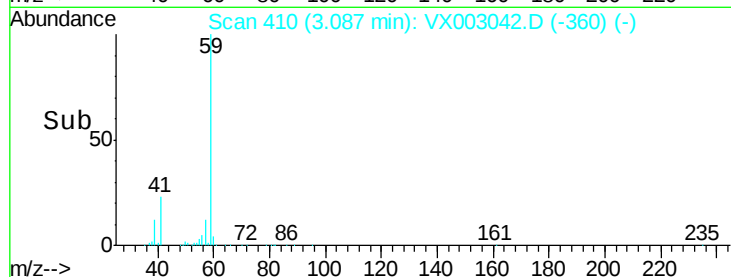
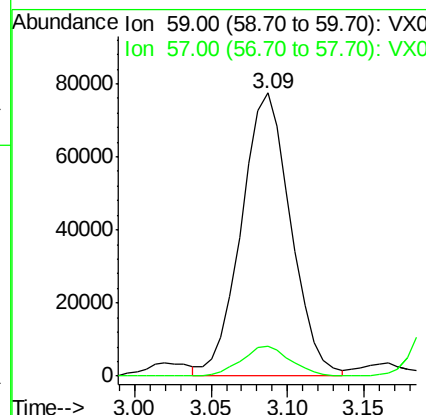
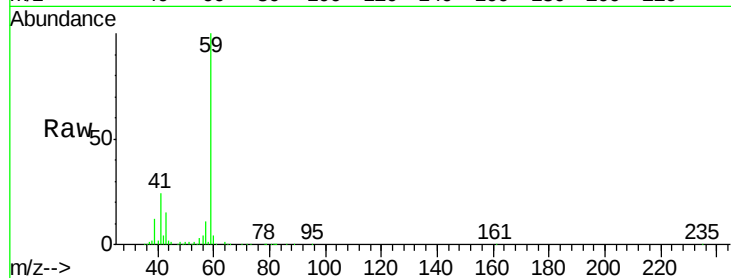


#11

Tert butyl alcohol
 Concen: 231.29 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :

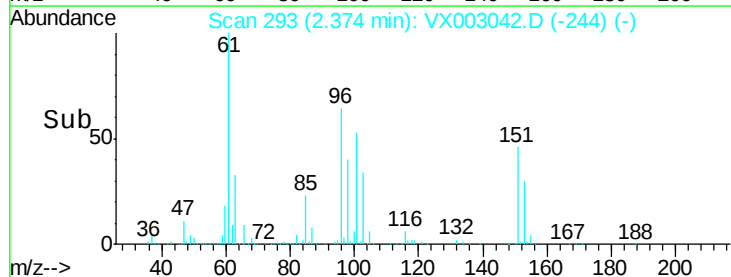
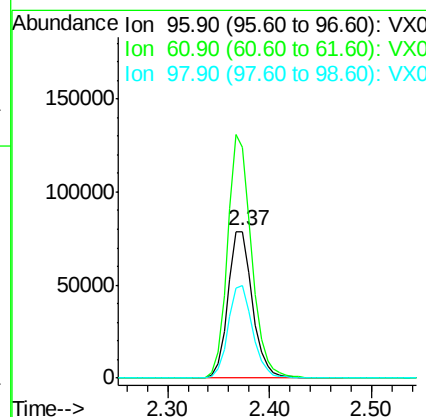
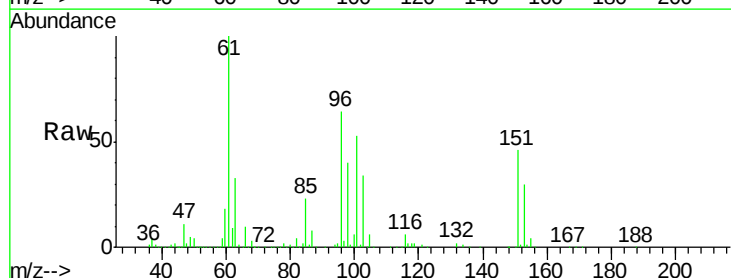
Tot Ion: 59 Resp: 173982
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

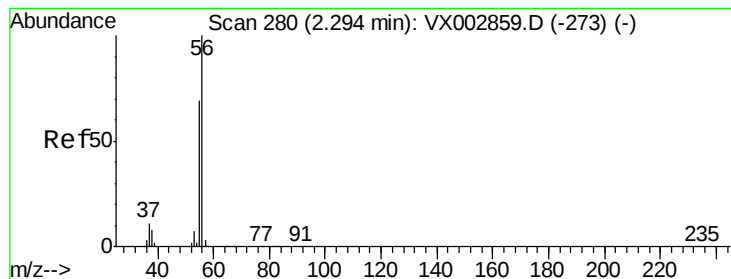


#12

1,1-Dichloroethene
 Concen: 48.82 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion: 96 Resp: 131536
 Ion Ratio Lower Upper
 96 100
 61 157.0 137.9 206.9
 98 62.9 51.6 77.4





#13

Acrolein

Concen: 226.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

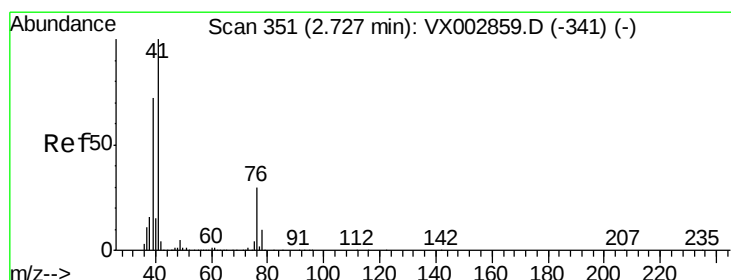
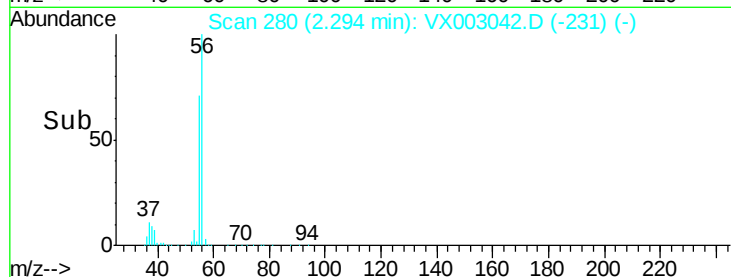
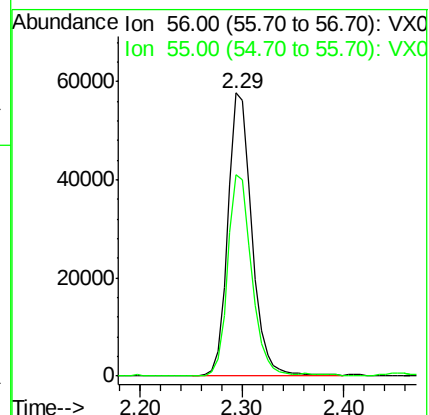
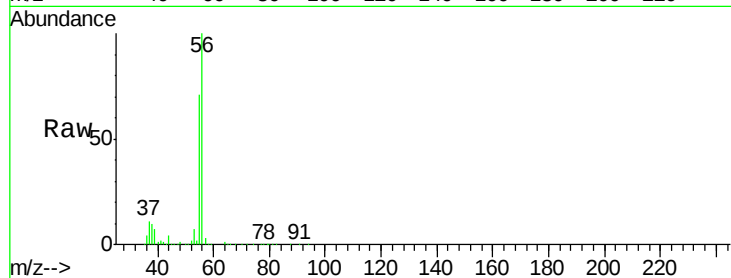
ClientSampleId :

Tot Ion: 56 Resp: 94147

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 48.01 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

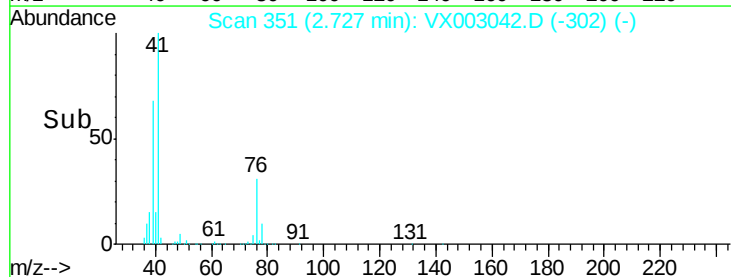
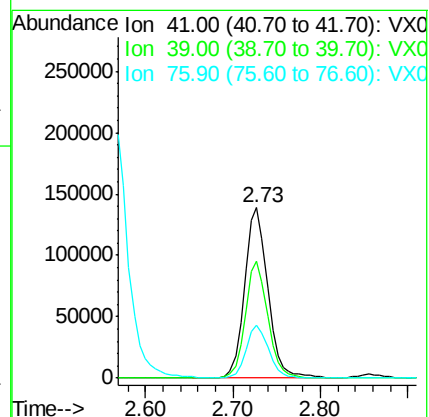
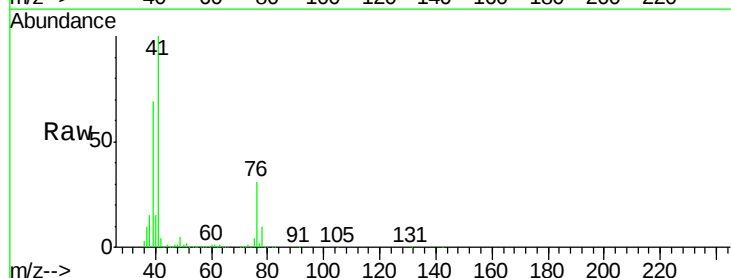
Tgt Ion: 41 Resp: 254985

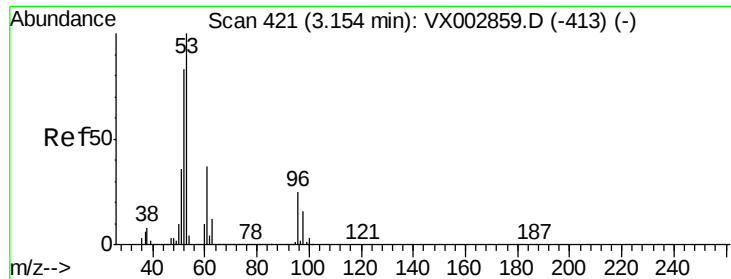
Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 252.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampled :

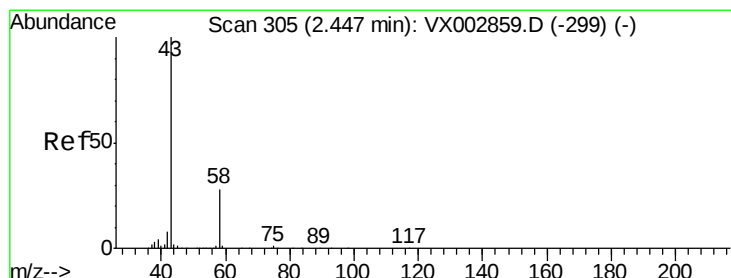
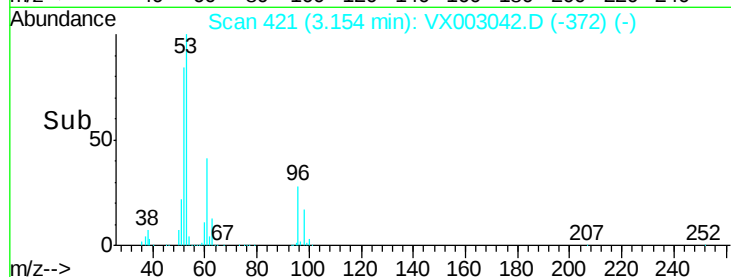
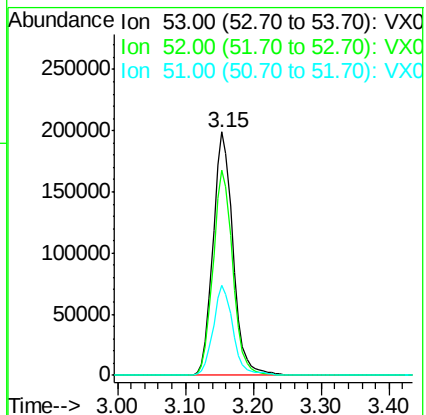
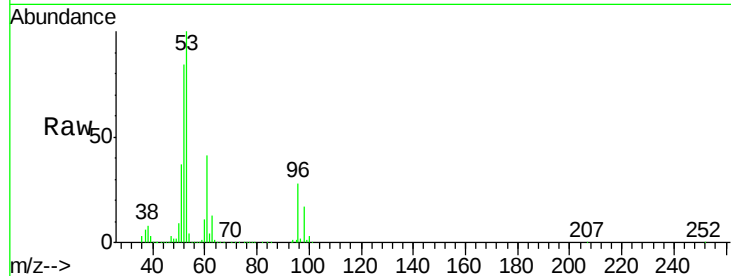
Tot Ion: 53 Resp: 404895

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

51 36.3 29.9 44.9



#16

Acetone

Concen: 233.54 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003042.D

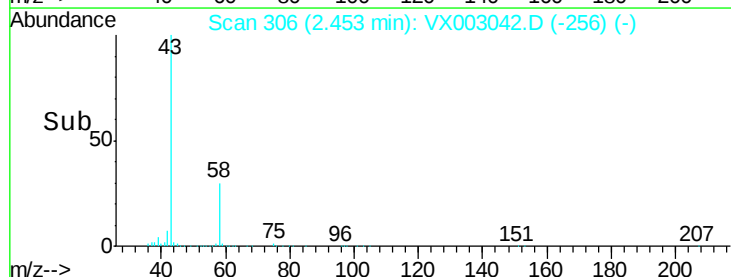
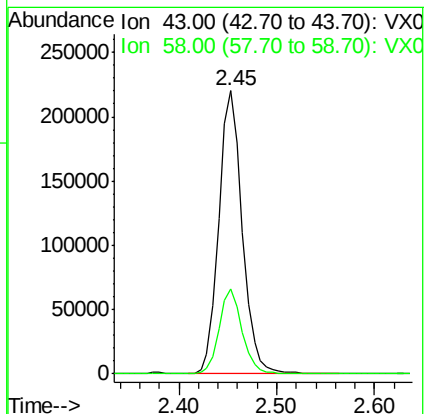
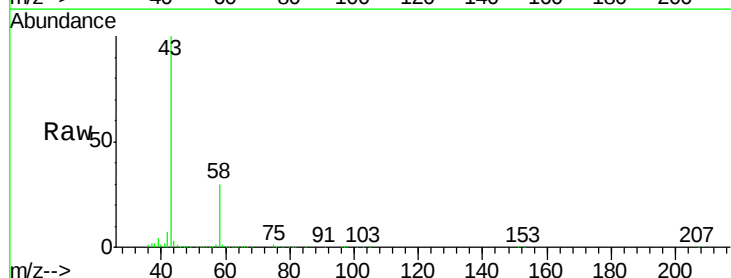
Acq: 29 Jun 2018 21:11

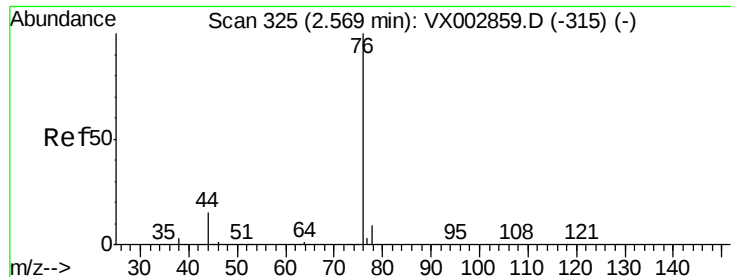
Tgt Ion: 43 Resp: 365210

Ion Ratio Lower Upper

43 100

58 29.8 22.1 33.1

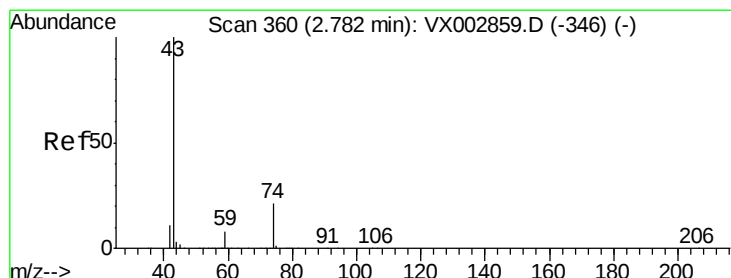
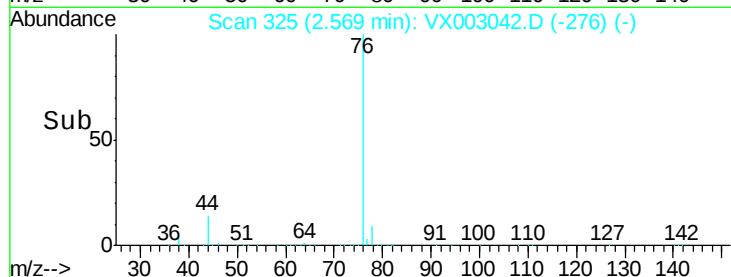
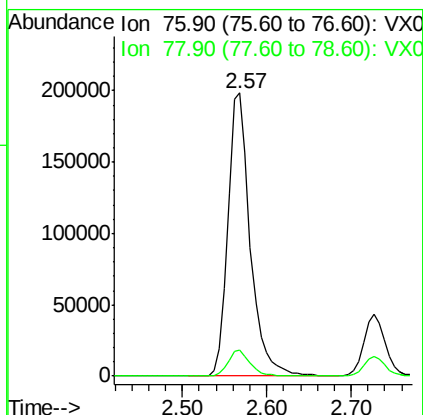
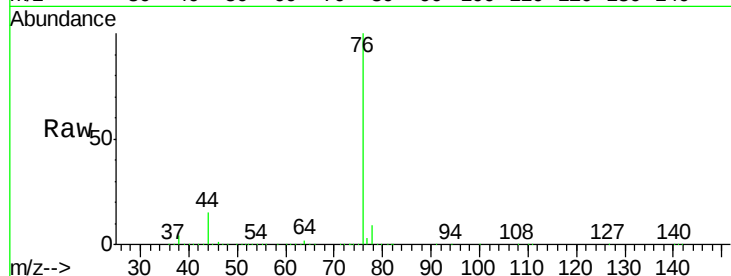




#17
Carbon Disulfide
Concen: 50.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

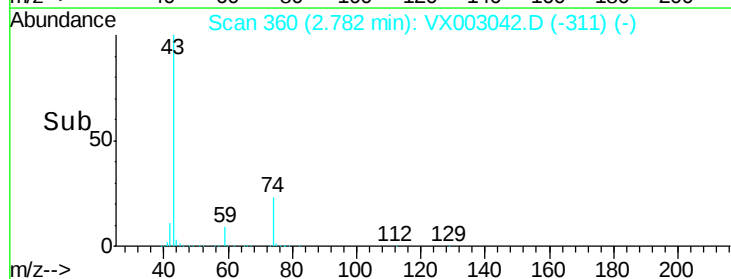
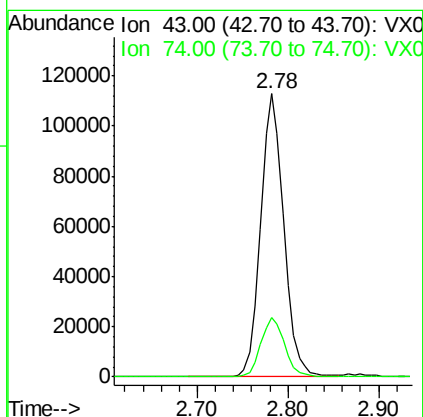
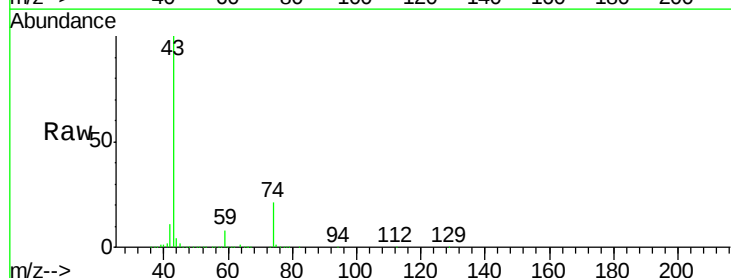
Instrument :
MSVOA_X
ClientSampleId :

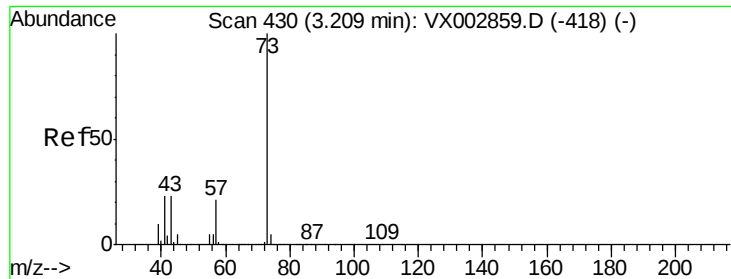
Tot Ion: 76 Resp: 359352
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 45.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 43 Resp: 198124
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1

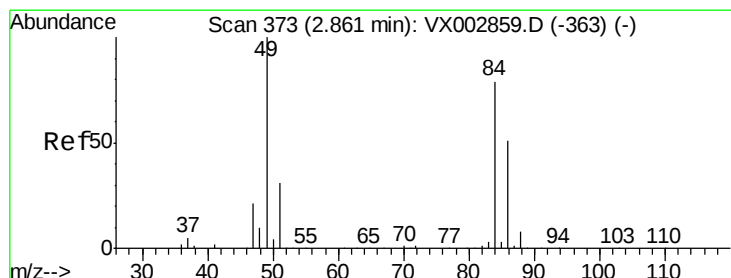
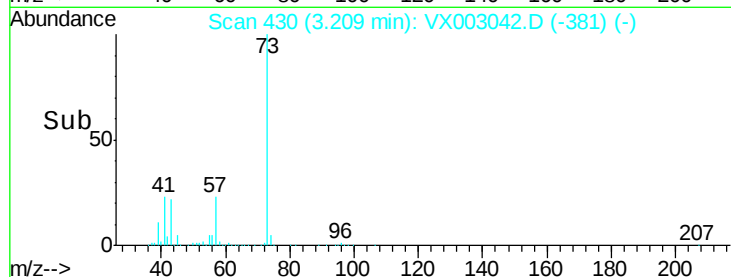
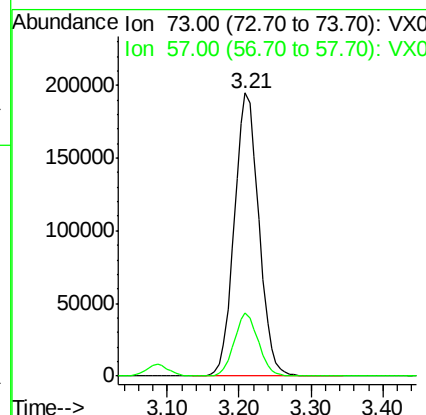
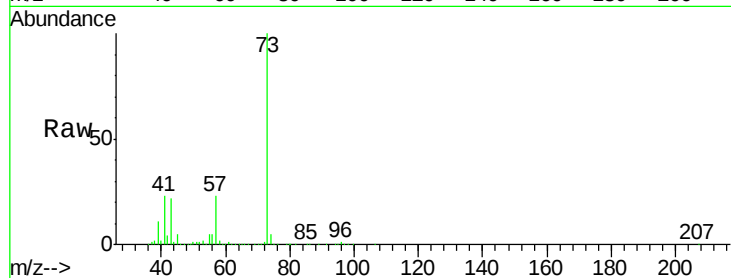




#19
Methvl tert-butvl Ether
Concen: 47.56 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

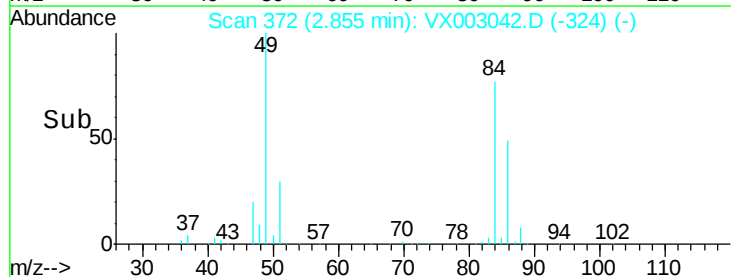
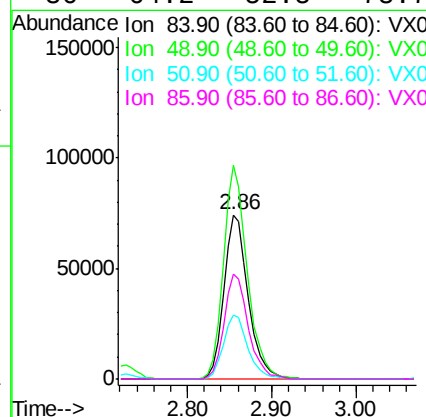
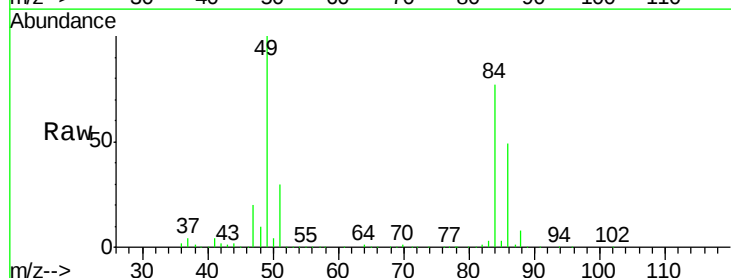
Instrument :
MSVOA_X
ClientSampleId :

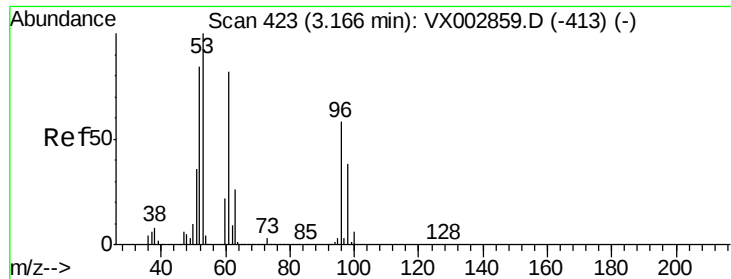
Tot Ion: 73 Resp: 460635
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 48.21 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 84 Resp: 146718
Ion Ratio Lower Upper
84 100
49 129.8 107.8 161.6
51 38.9 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :

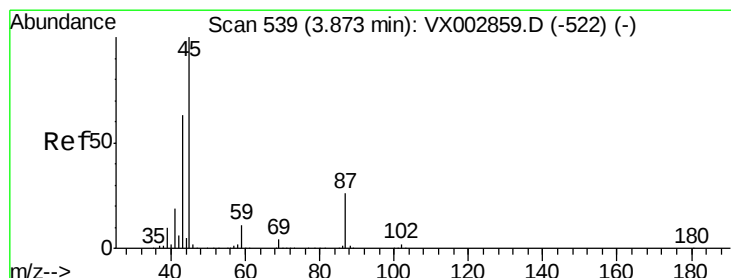
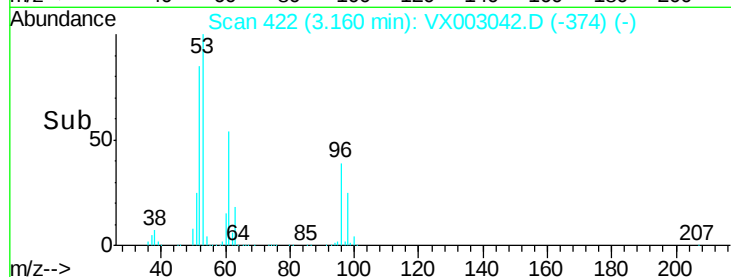
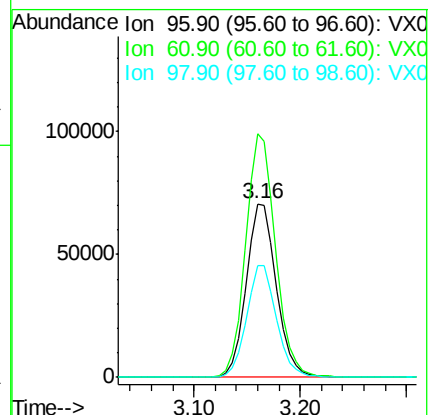
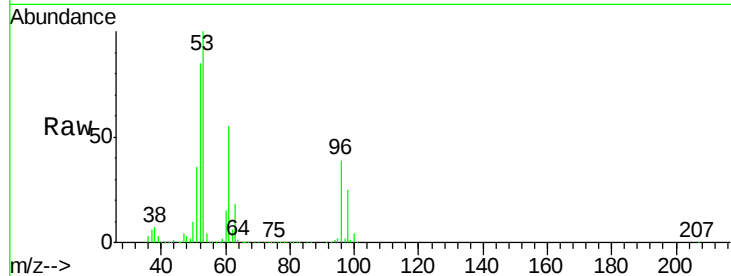
Tot Ion: 96 Resp: 140332

Ion Ratio Lower Upper

96 100

61 140.3 117.0 175.4

98 64.3 52.4 78.6



#22

Diisopropyl ether

Concen: 48.92 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion: 45 Resp: 496603

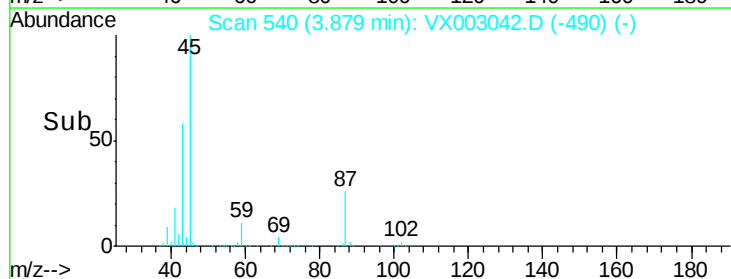
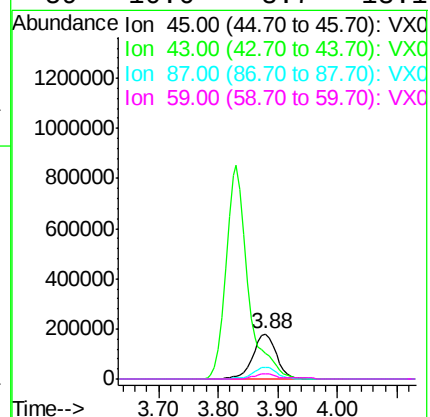
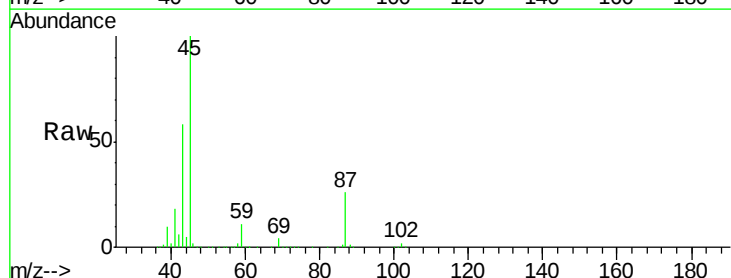
Ion Ratio Lower Upper

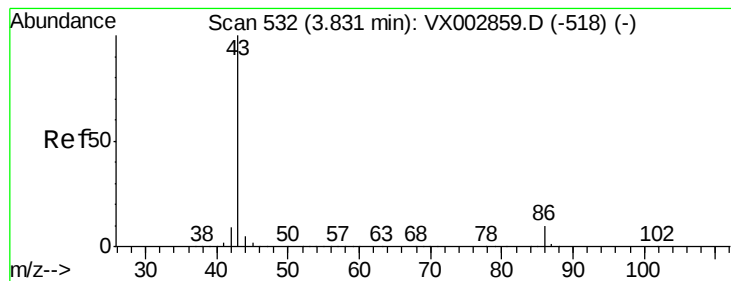
45 100

43 57.6 46.8 70.2

87 26.0 20.2 30.4

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 254.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

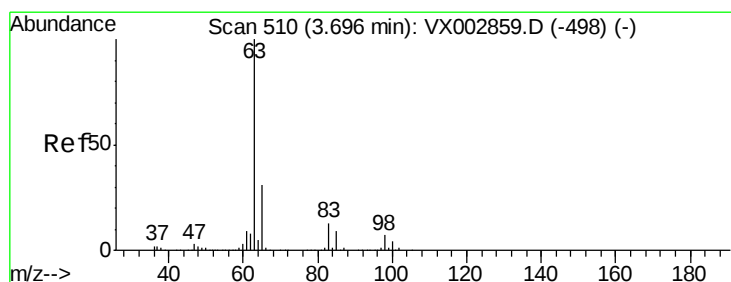
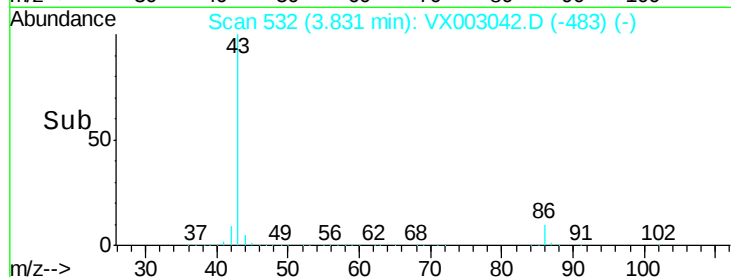
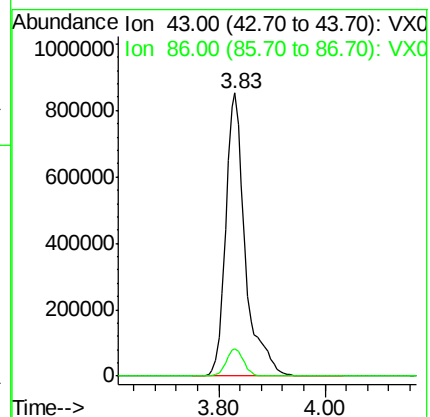
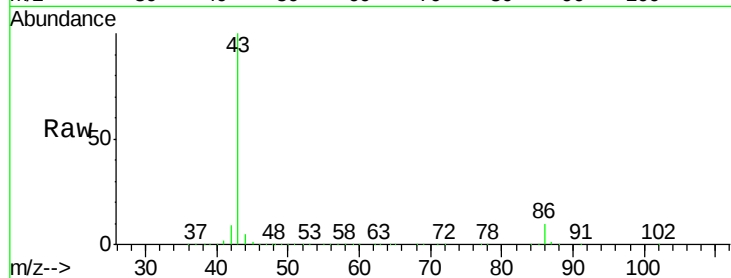
ClientSampleId :

Tot Ion: 43 Resp: 2185088

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 47.52 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

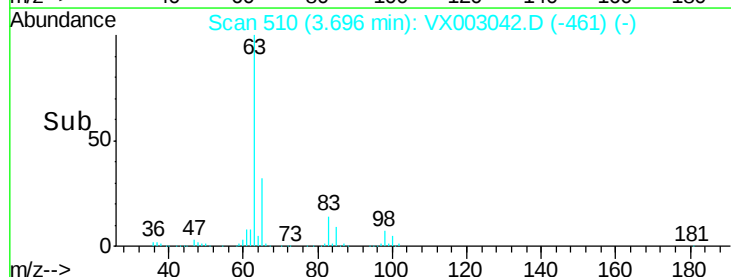
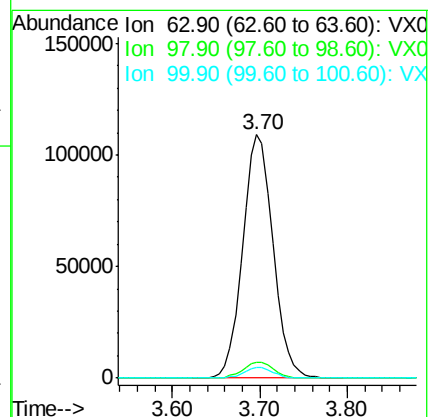
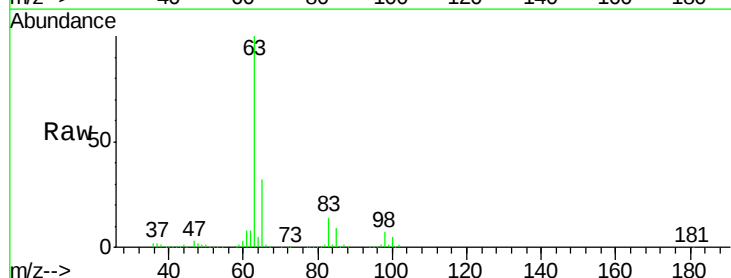
Tgt Ion: 63 Resp: 262219

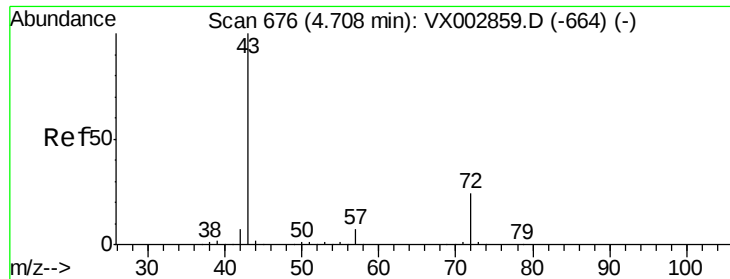
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 255.65 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

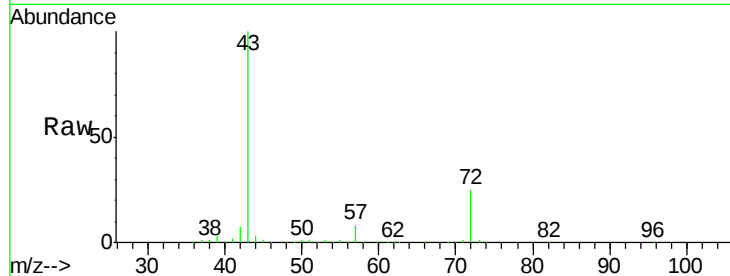
ClientSampleId :

Tot Ion: 43 Resp: 593315

Ion Ratio Lower Upper

43 100

72 24.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX003042.D (-627) (-)

Ion 72.00 (71.70 to 72.70): VX003042.D (-627) (-)

250000

200000

150000

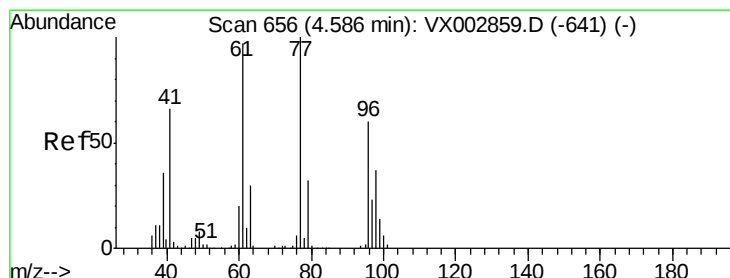
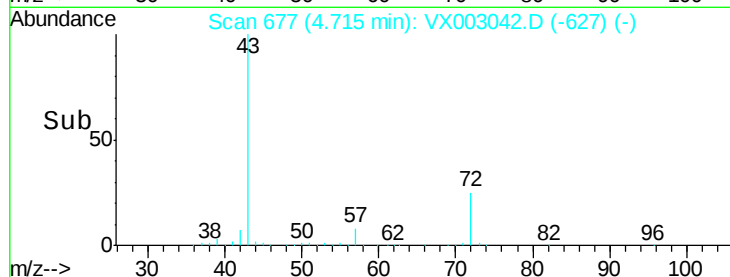
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.24 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003042.D

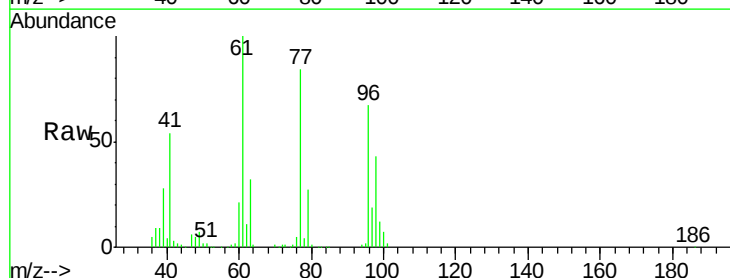
Acq: 29 Jun 2018 21:11

Tgt Ion: 77 Resp: 167101

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX003042.D (-607) (-)

Ion 96.90 (96.60 to 97.60): VX003042.D (-607) (-)

60000

50000

40000

30000

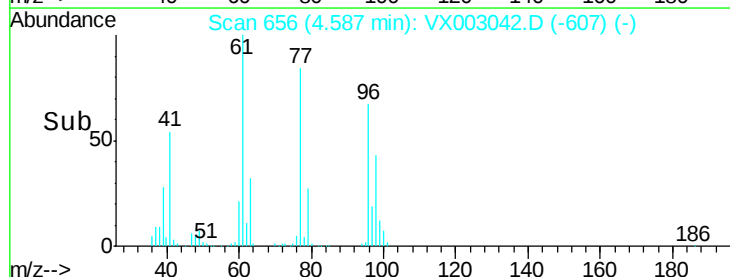
20000

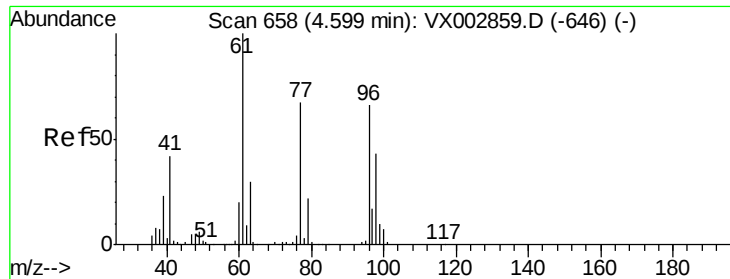
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.31 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :

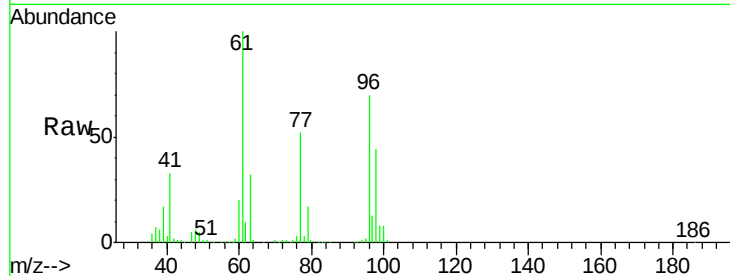
Tot Ion: 96 Resp: 162247

Ion Ratio Lower Upper

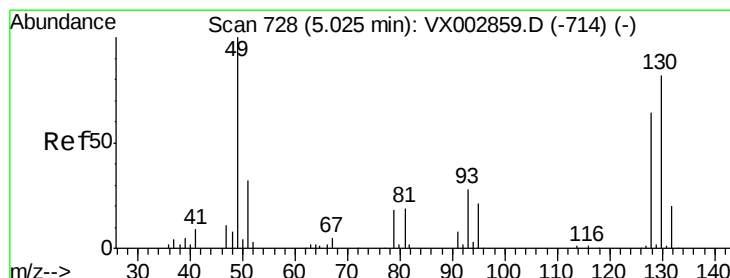
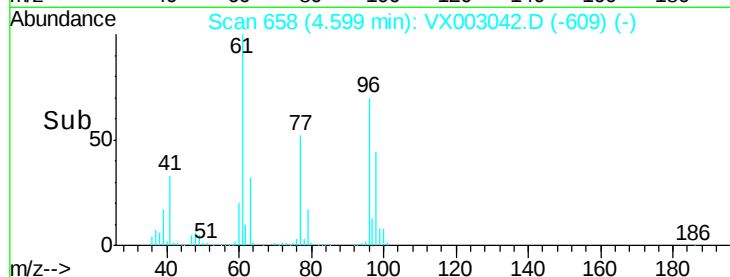
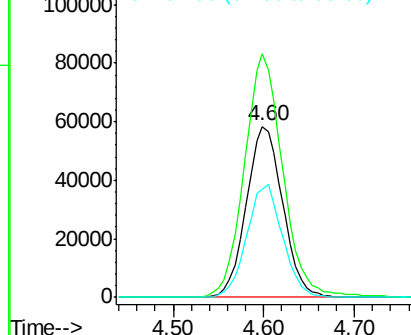
96 100

61 150.6 0.0 330.2

98 64.9 0.0 130.2



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: 49.75 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

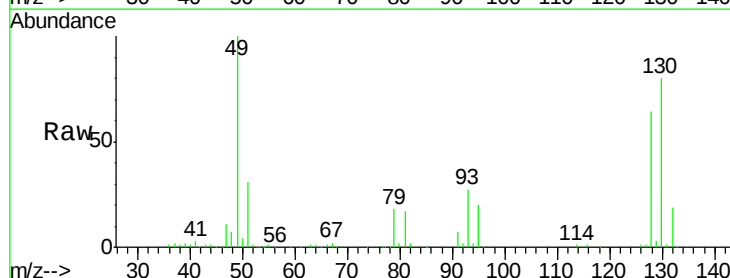
Tgt Ion: 49 Resp: 131387

Ion Ratio Lower Upper

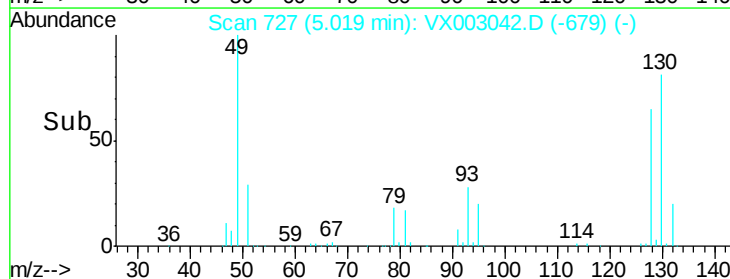
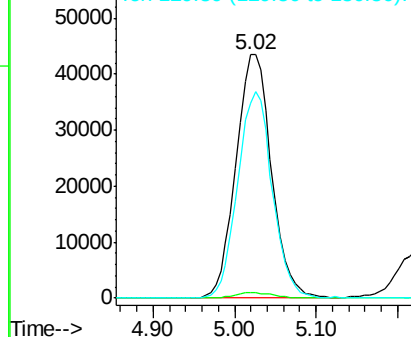
49 100

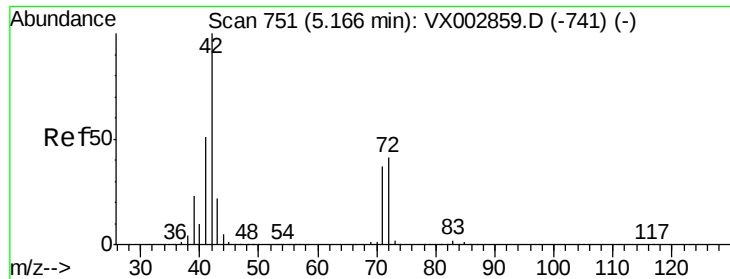
129 2.4 0.0 4.2

130 82.7 61.2 91.8



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

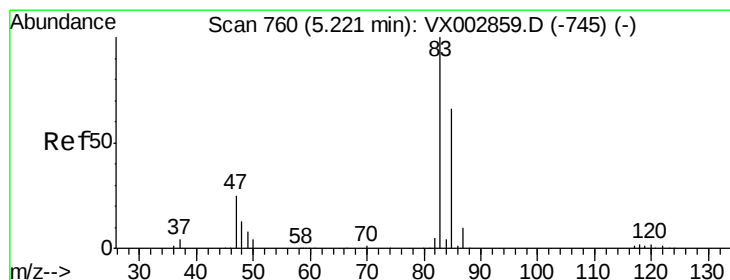
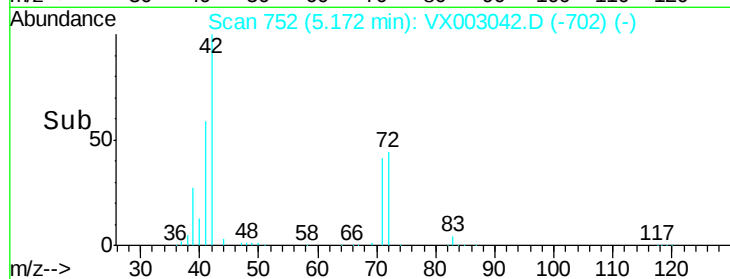
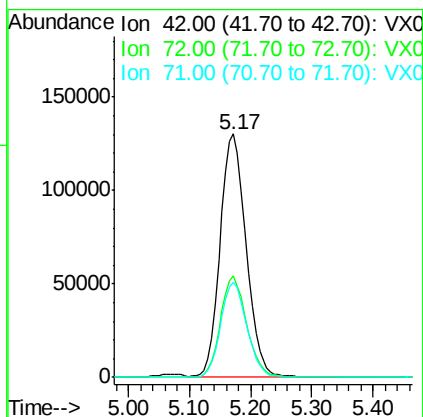
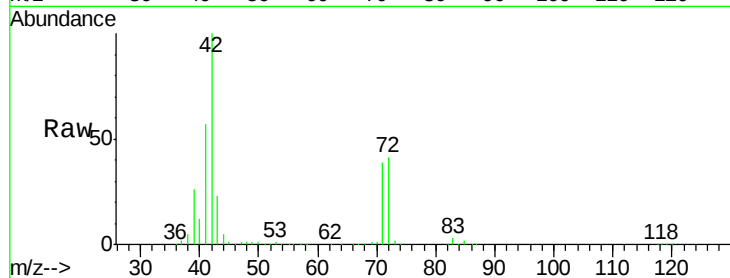




#29
Tetrahydrofuran
Concen: 257.58 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

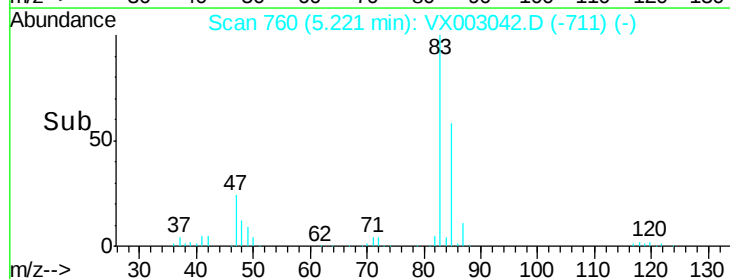
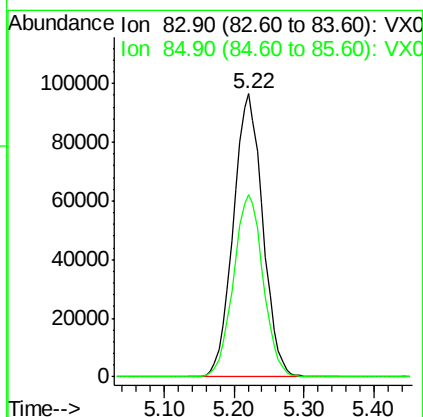
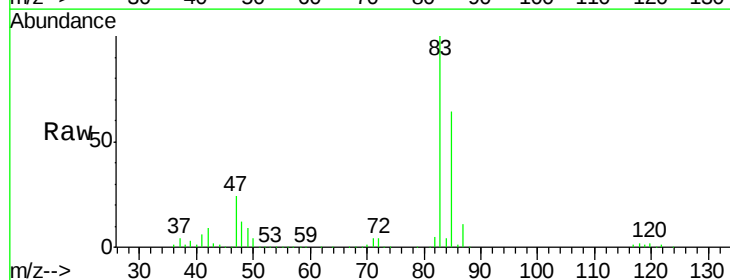
Instrument :
MSVOA_X
ClientSampleId :

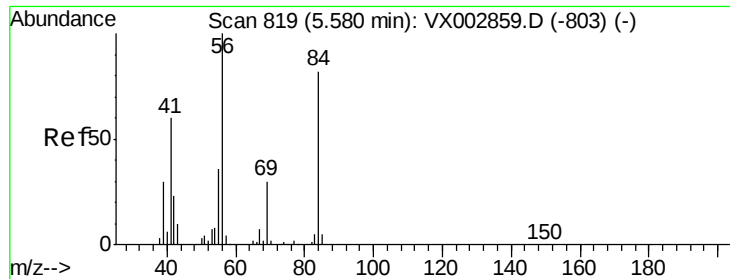
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.0	48.0
71	39.2	30.1	45.1



#30
Chloroform
Concen: 49.76 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6

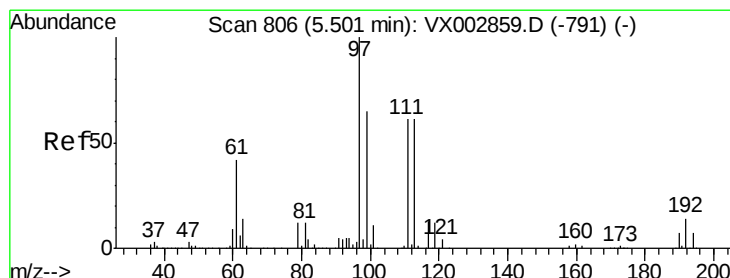
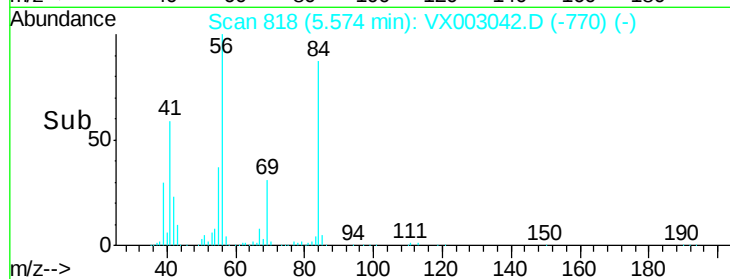
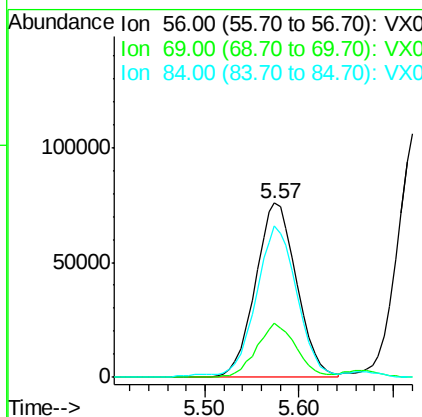
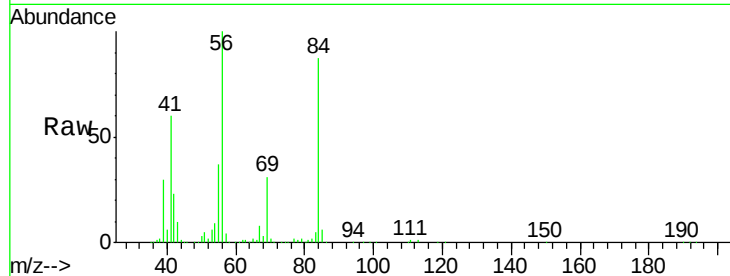




#31
Cyclohexane
Concen: 49.01 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

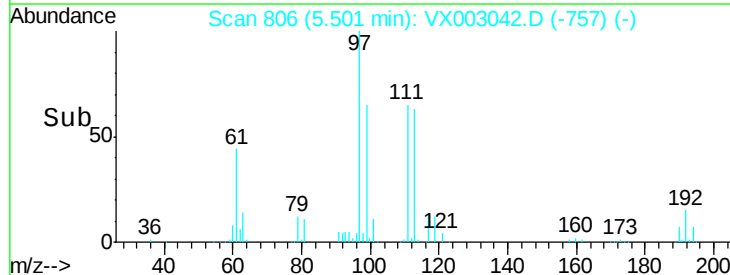
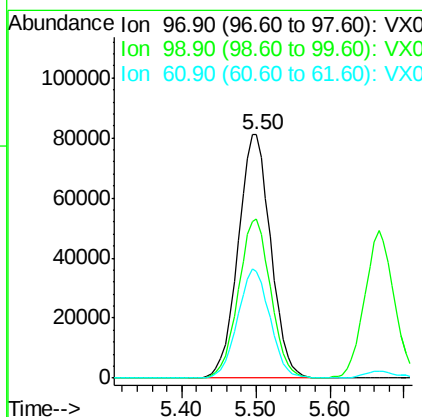
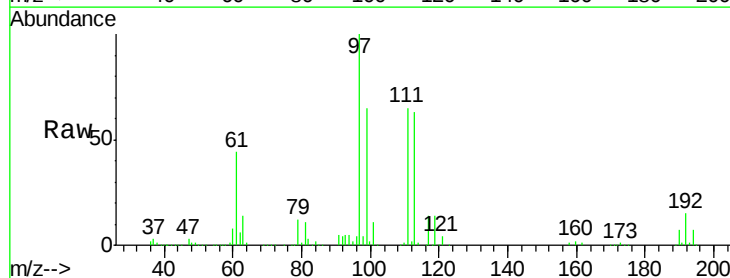
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 232101
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 85.3 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 50.03 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 97 Resp: 249288
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 44.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

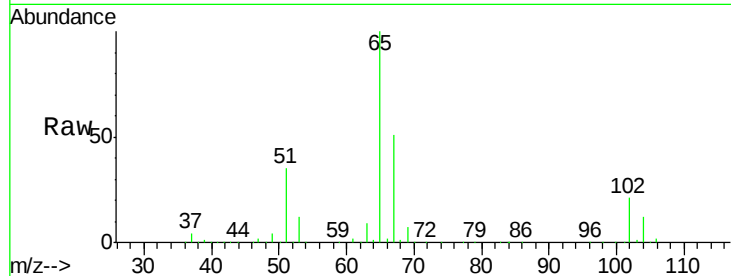
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 184157

Ion Ratio Lower Upper

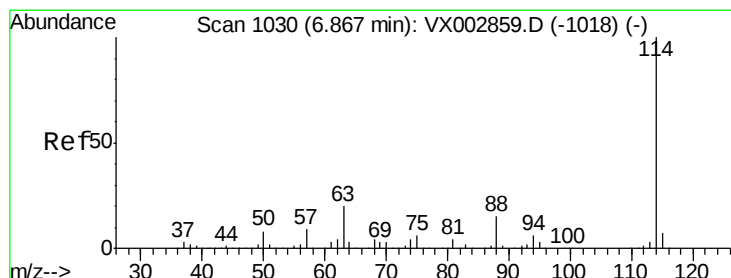
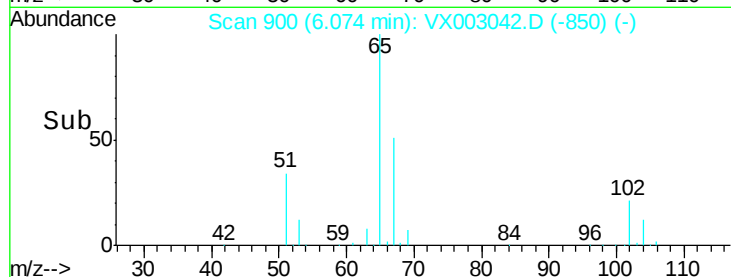
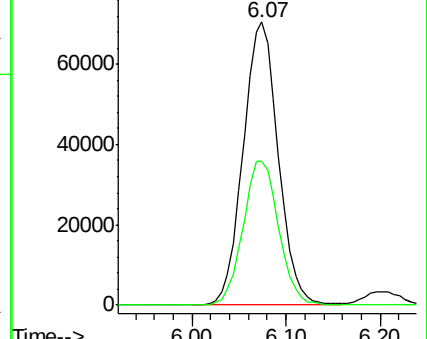
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

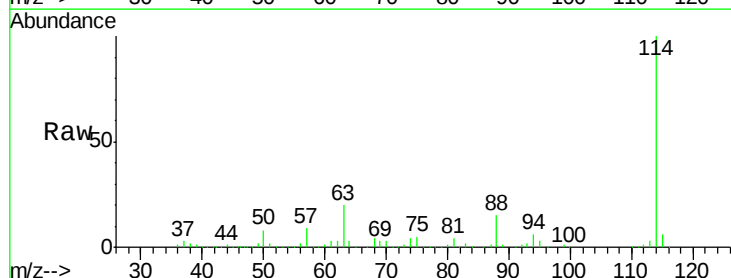
Tgt Ion:114 Resp: 375964

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

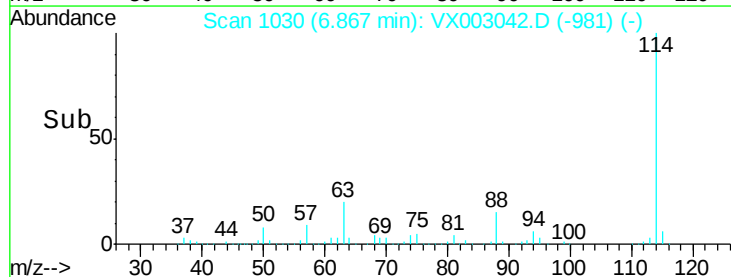
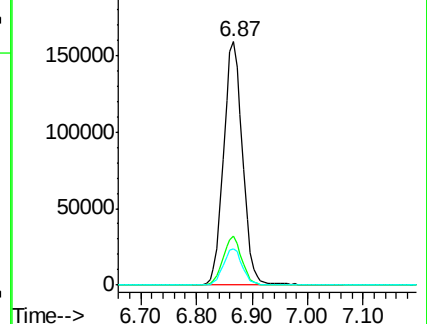
88 14.8 0.0 30.0

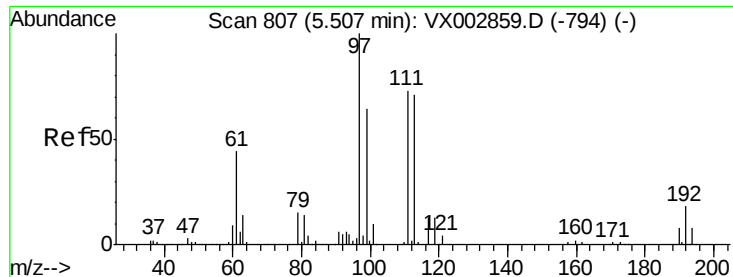


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

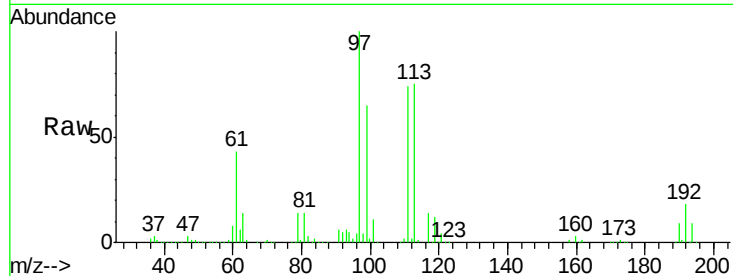




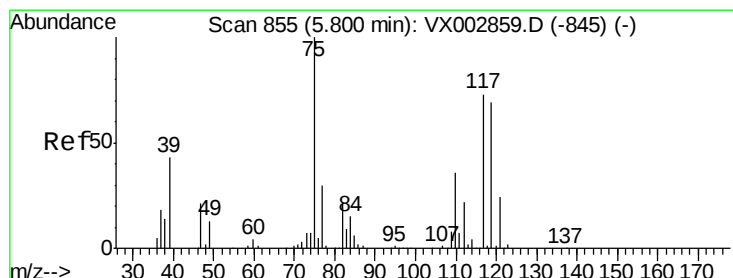
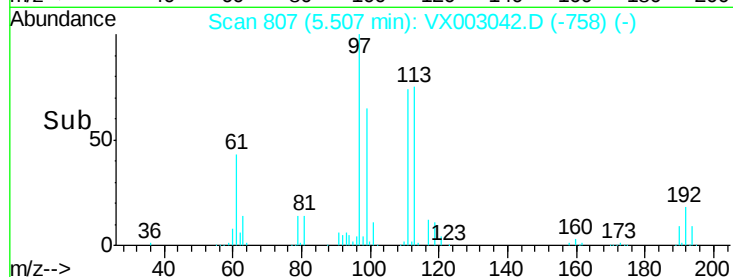
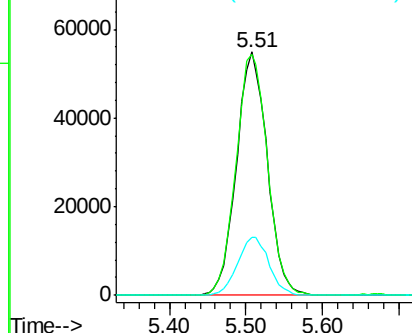
#35
Dibromofluoromethane
Concen: 51.48 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 153284
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 24.4 19.1 28.7

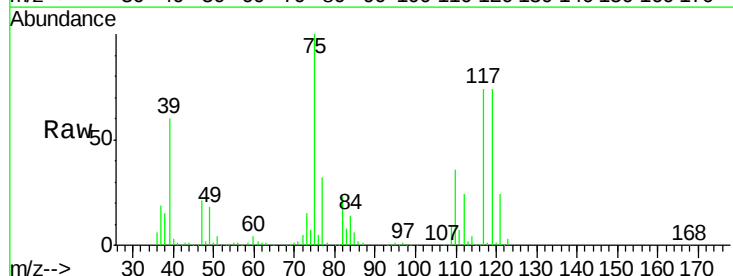


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

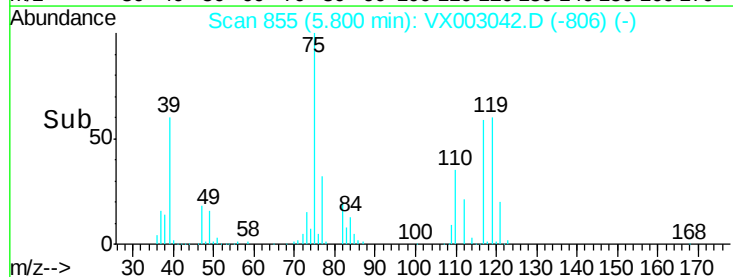
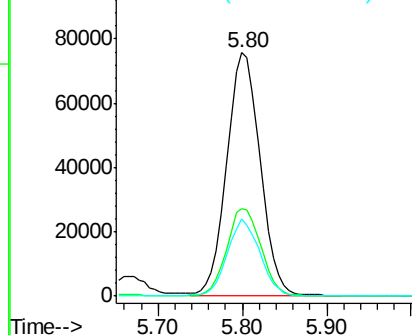


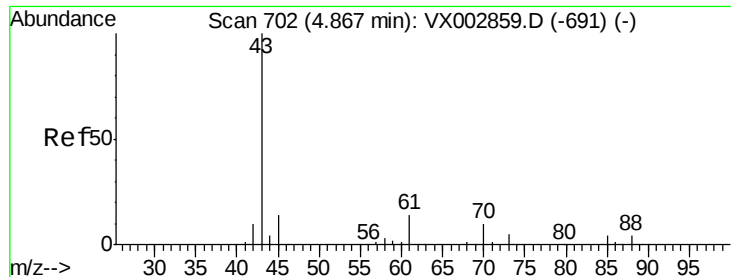
#36
1,1-Dichloropropene
Concen: 49.42 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 75 Resp: 203754
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.4
77 31.6 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

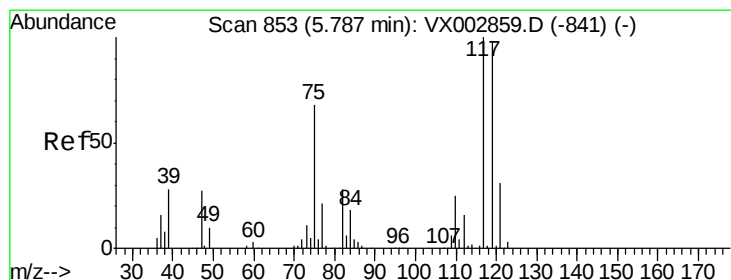
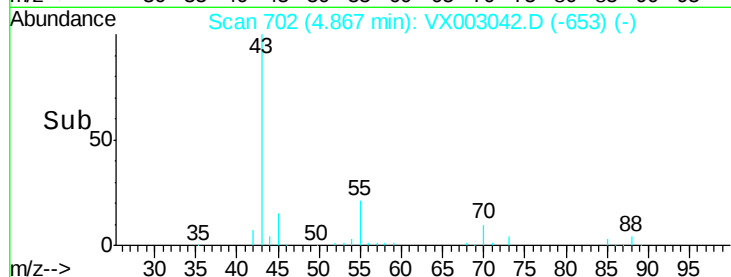
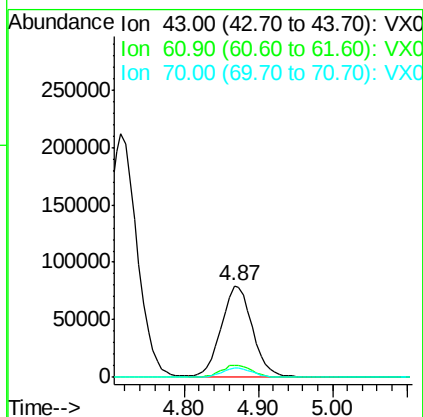
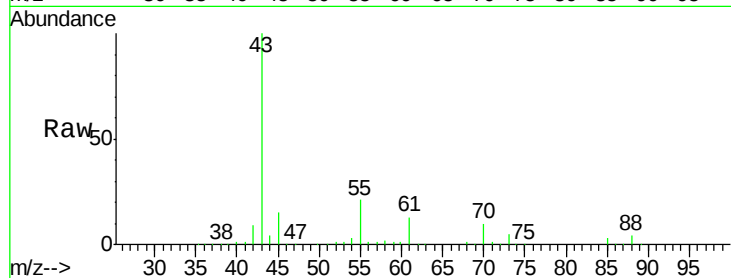




#37
Ethyl Acetate
Concen: 52.03 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

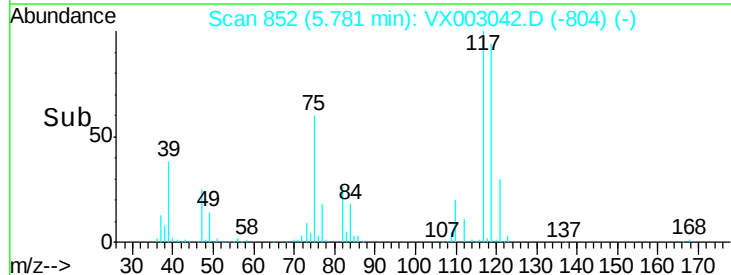
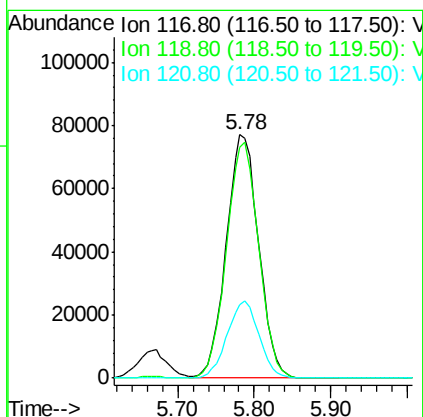
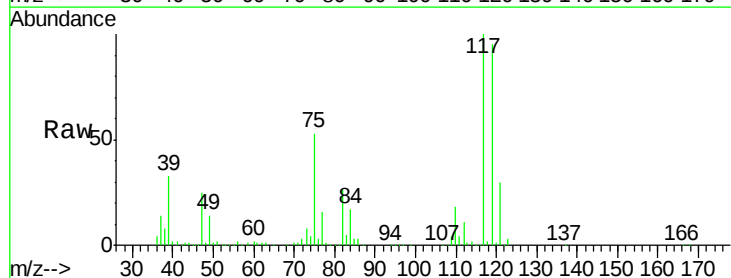
Instrument :
MSVOA_X
ClientSampled :

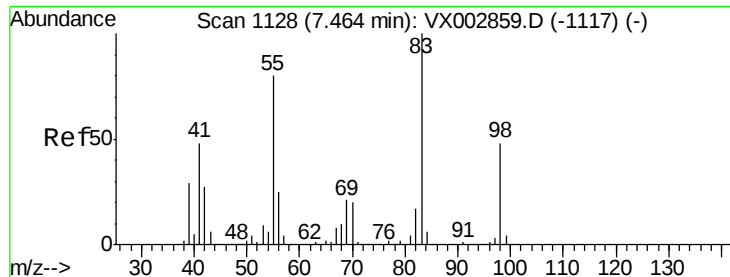
Tot Ion: 43 Resp: 230957
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.92 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 117 Resp: 225855
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
121 30.1 24.4 36.6

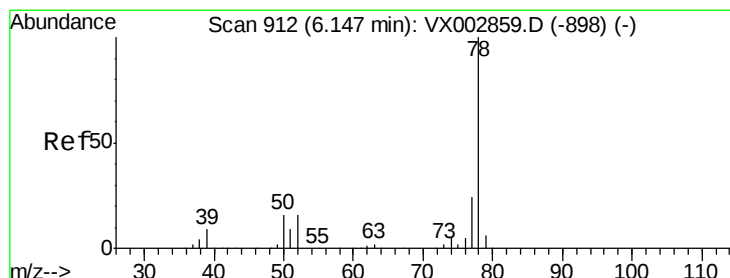
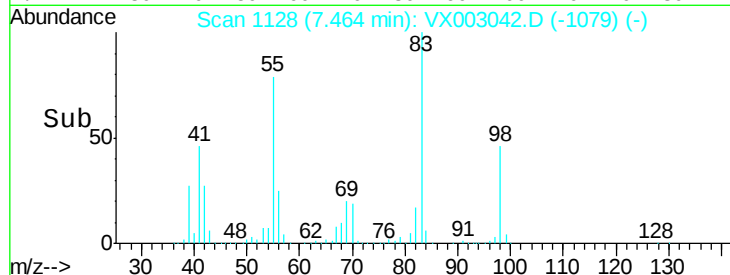
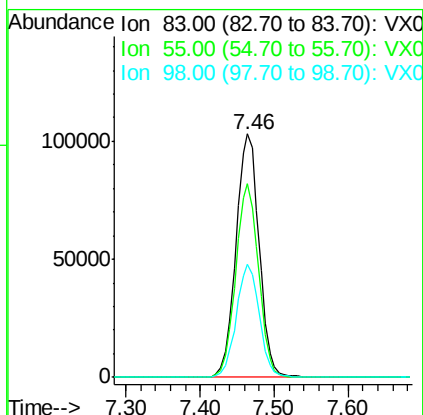
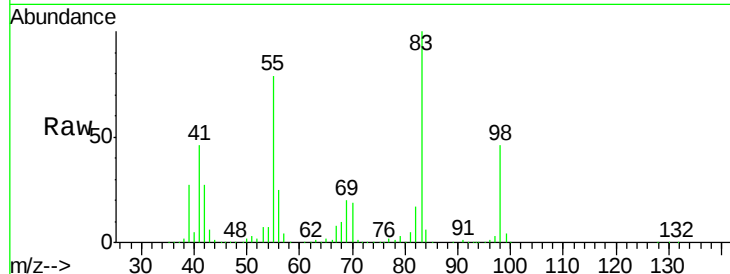




#39
Methvlcvclohexane
Concen: 46.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

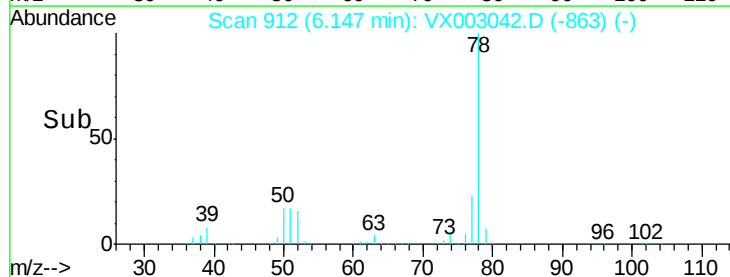
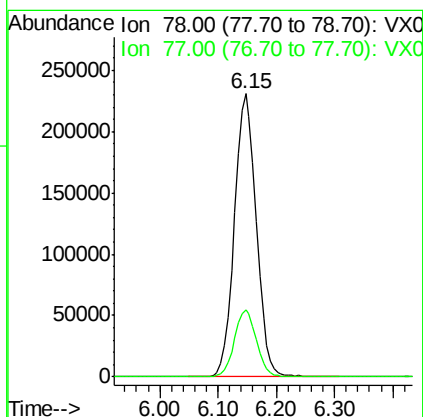
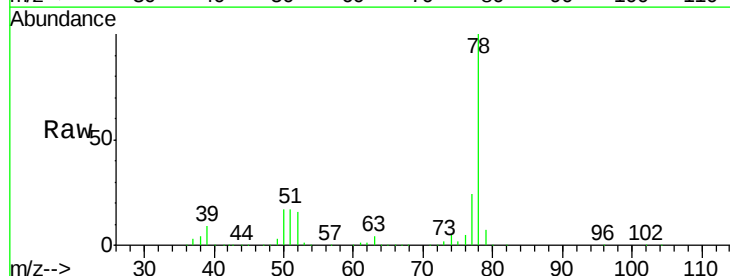
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 224624
Ion Ratio Lower Upper
83 100
55 79.4 65.4 98.0
98 46.2 37.4 56.0



#40
Benzene
Concen: 50.32 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 78 Resp: 602847
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

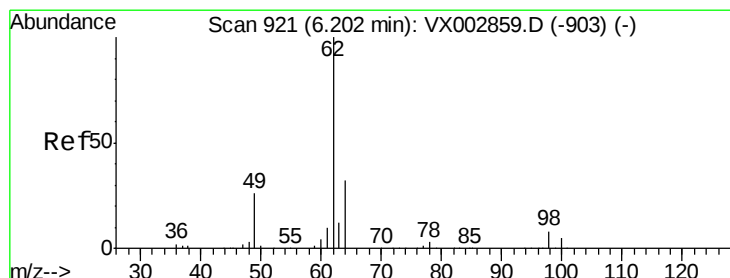
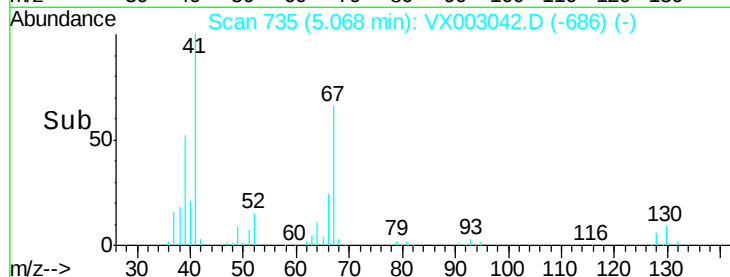
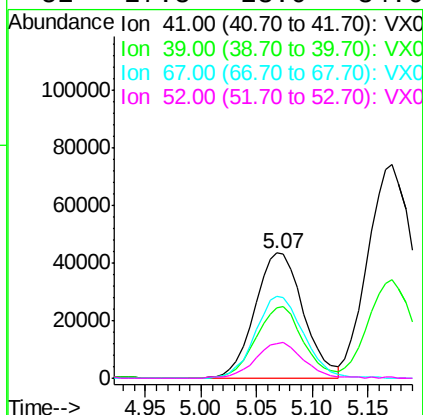
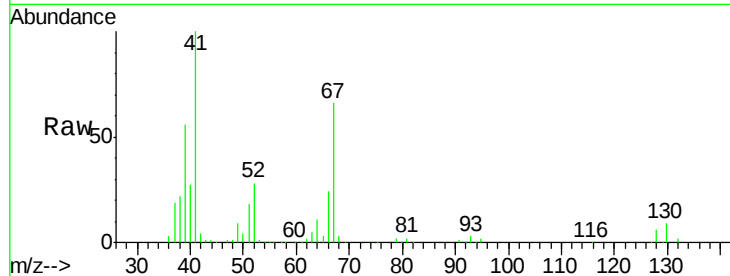




#41
Methacrylonitrile
Concen: 51.31 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

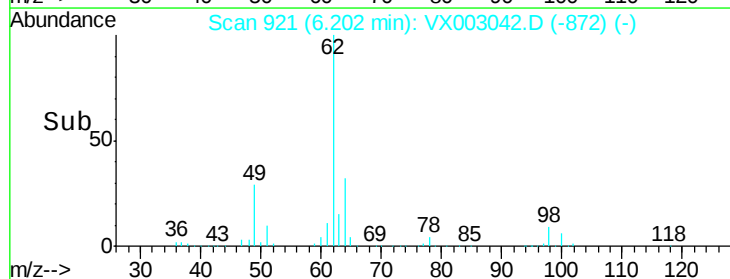
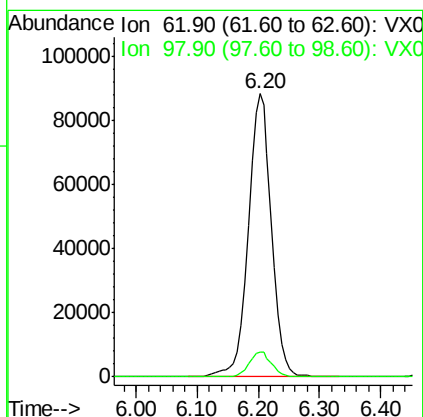
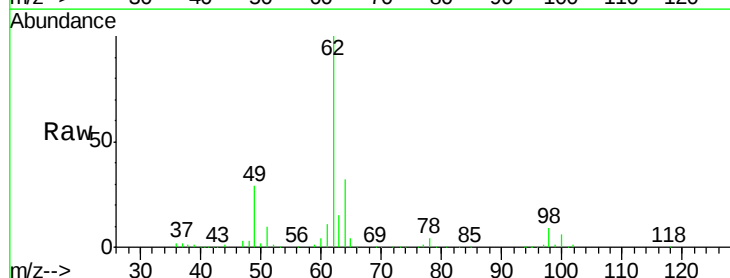
Instrument :
MSVOA_X
ClientSampleId :

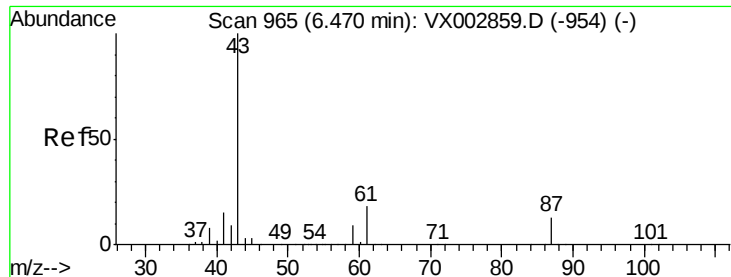
Tot Ion:	41	Resp:	131157
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.8	68.6
67	65.8	51.3	76.9
52	27.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.98 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion:	62	Resp:	232183
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 49.19 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

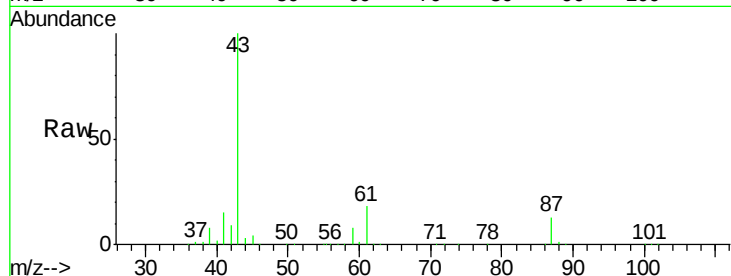
Tot Ion: 43 Resp: 366193

Ion Ratio Lower Upper

43 100

61 18.5 14.4 21.6

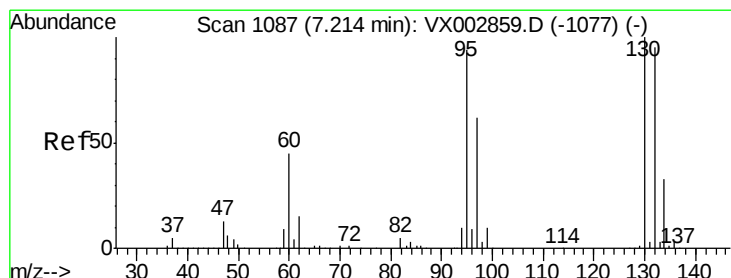
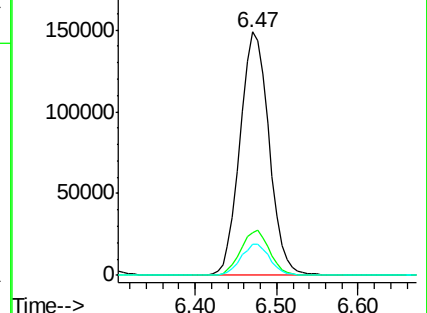
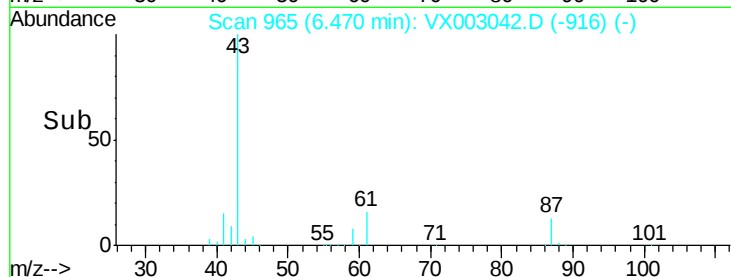
87 12.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.40 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003042.D

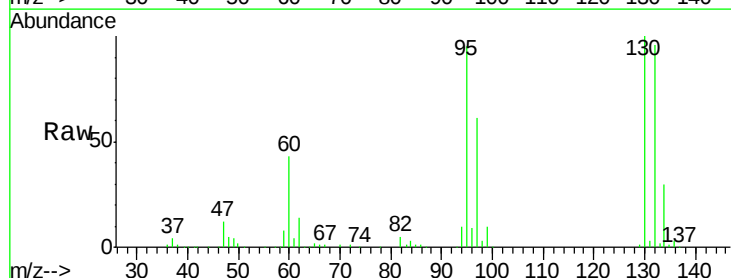
Acq: 29 Jun 2018 21:11

Tgt Ion:130 Resp: 176443

Ion Ratio Lower Upper

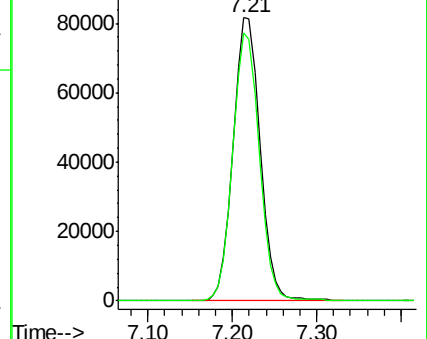
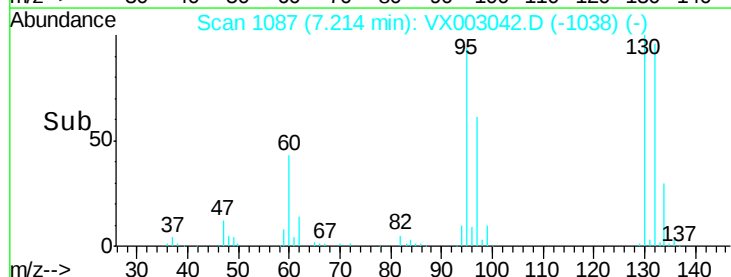
130 100

95 94.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

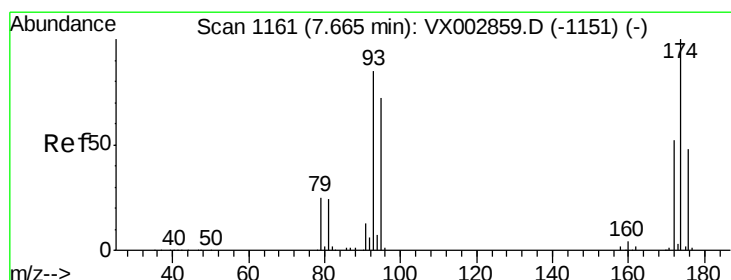
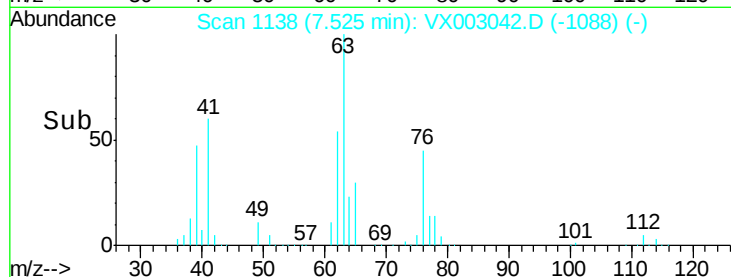
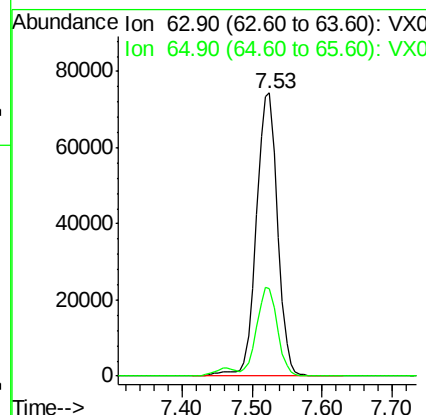
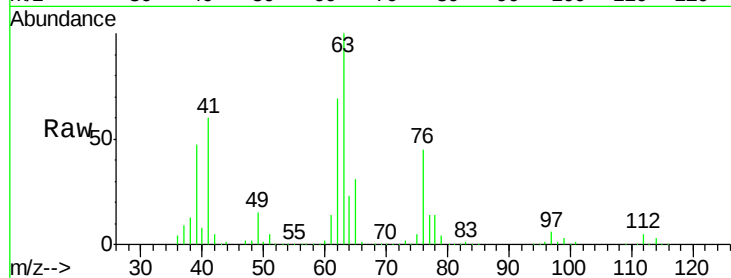




#45
 1,2-Dichloropropane
 Concen: 49.38 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

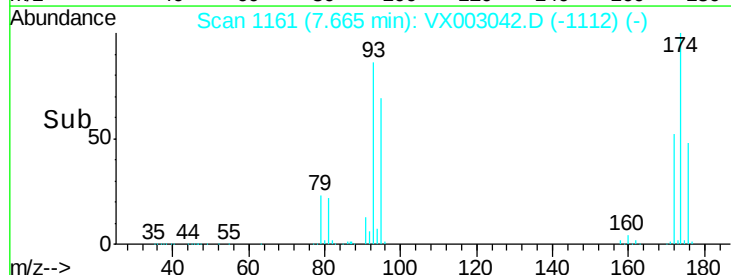
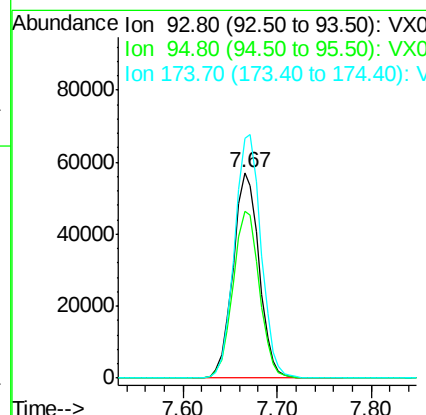
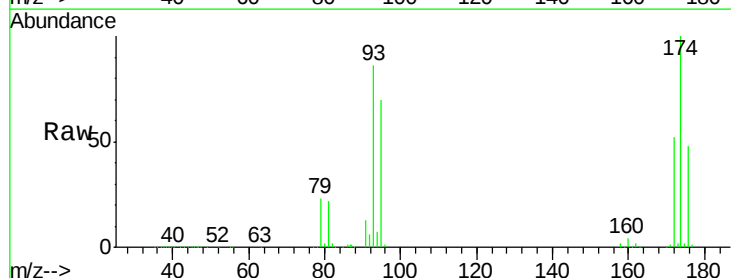
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 156917
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 49.80 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion: 93 Resp: 109826
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 120.8 92.4 138.6





#47

Bromodichloromethane

Concen: 51.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

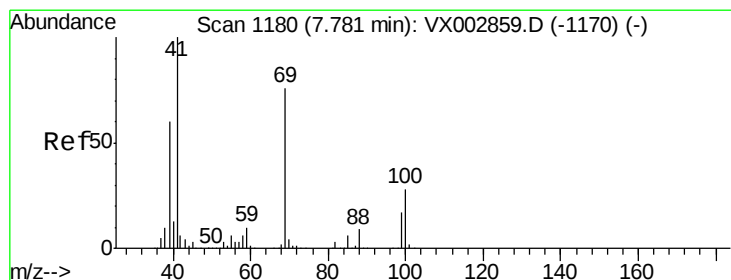
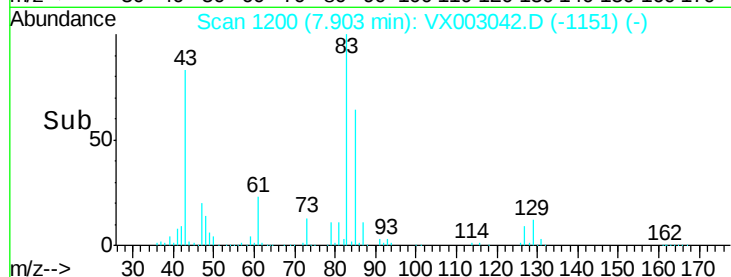
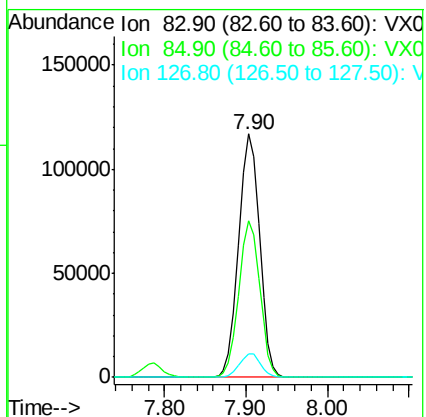
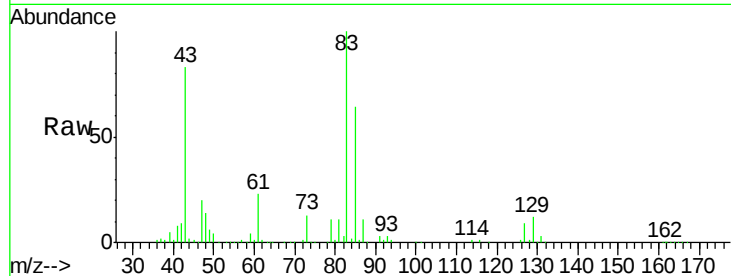
Tot Ion: 83 Resp: 208248

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

127 9.5 7.0 10.4



#48

Methyl methacrylate

Concen: 49.81 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

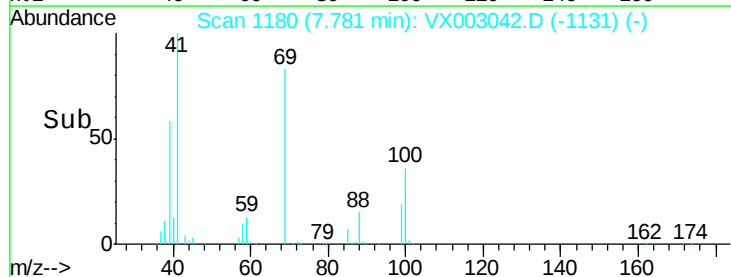
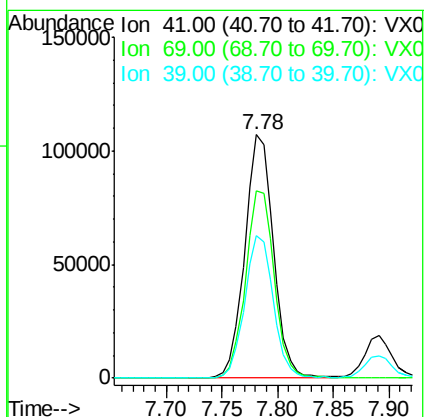
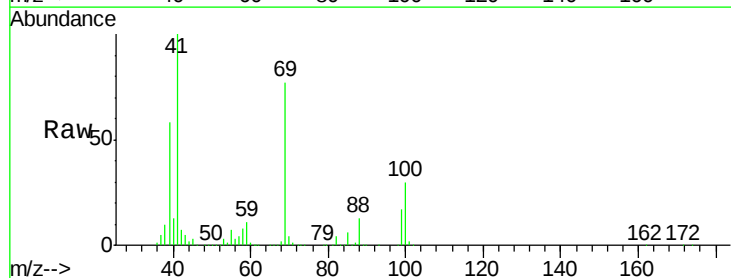
Tgt Ion: 41 Resp: 191071

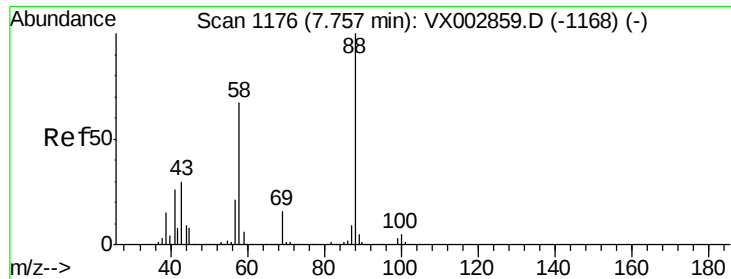
Ion Ratio Lower Upper

41 100

69 77.9 59.1 88.7

39 58.5 48.9 73.3

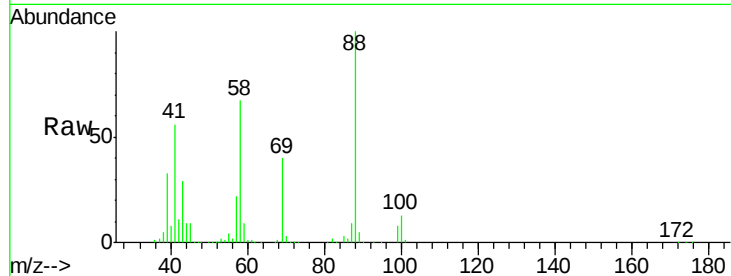




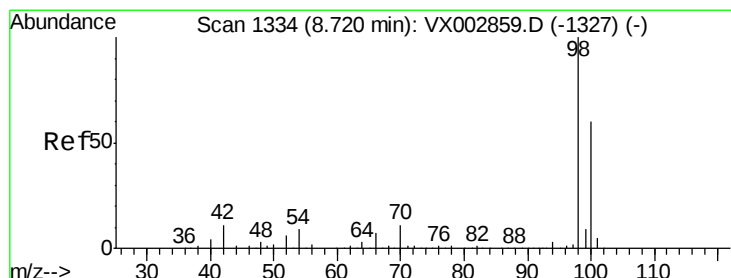
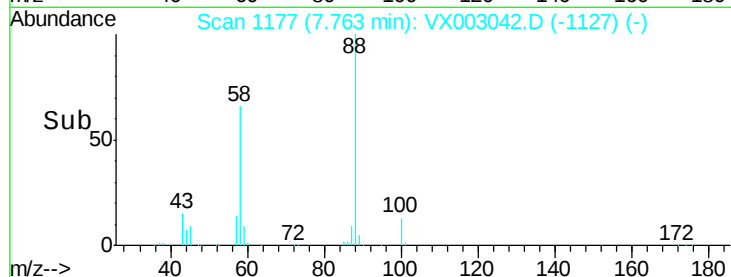
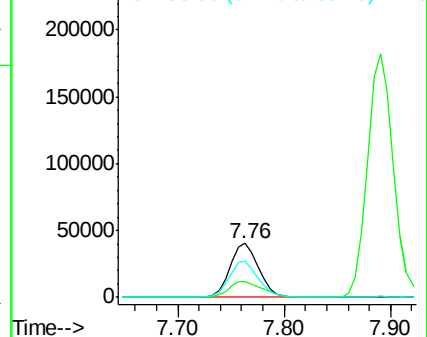
#49
1,4-Dioxane
Concen: 1026.10 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 76582
Ion Ratio Lower Upper
88 100
43 34.1 29.8 44.6
58 67.2 57.1 85.7

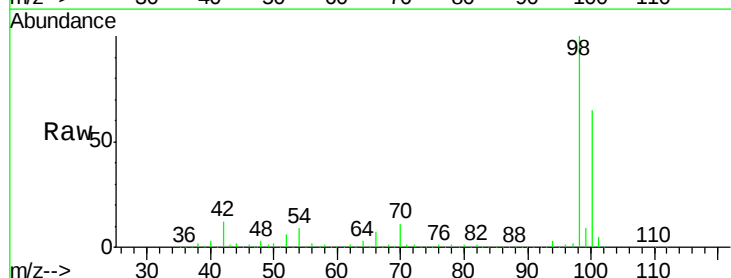


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

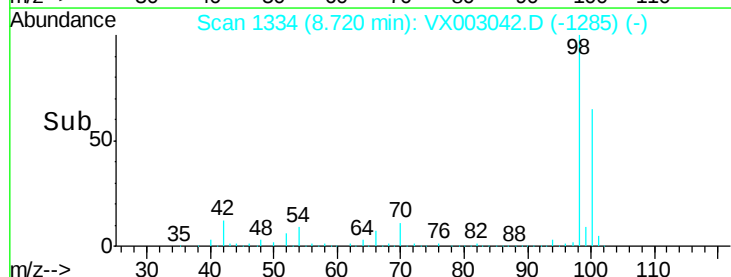
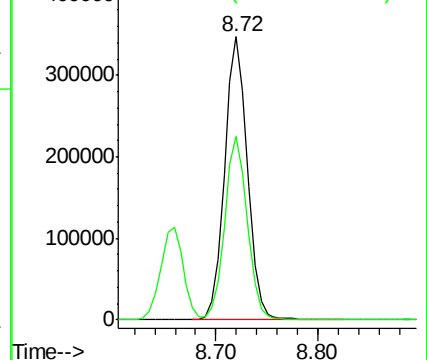


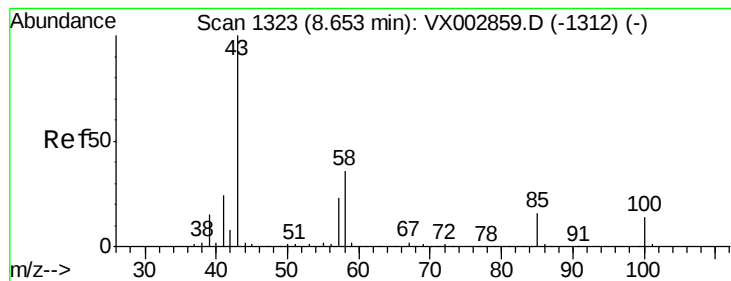
#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 98 Resp: 538614
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 259.30 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

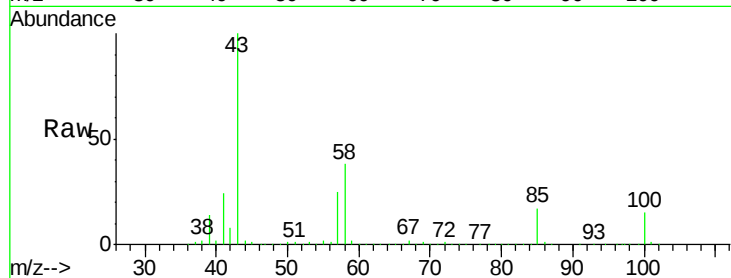
ClientSampleId :

Tot Ion: 43 Resp: 1207848

Ion Ratio Lower Upper

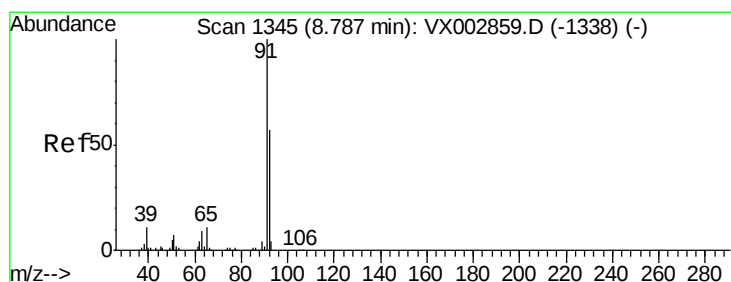
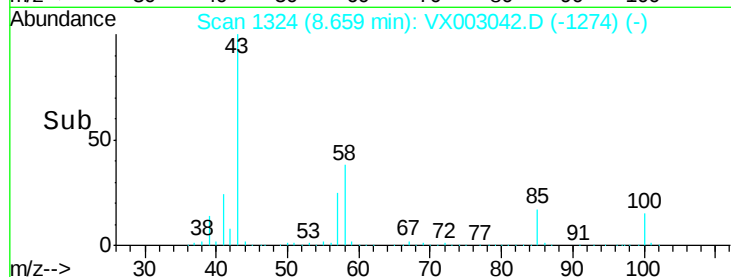
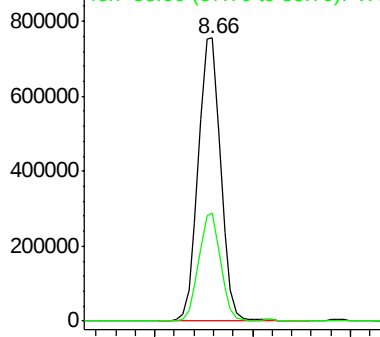
43 100

58 37.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.45 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003042.D

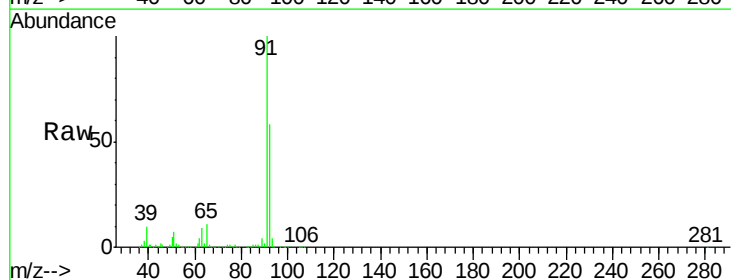
Acq: 29 Jun 2018 21:11

Tgt Ion: 92 Resp: 387128

Ion Ratio Lower Upper

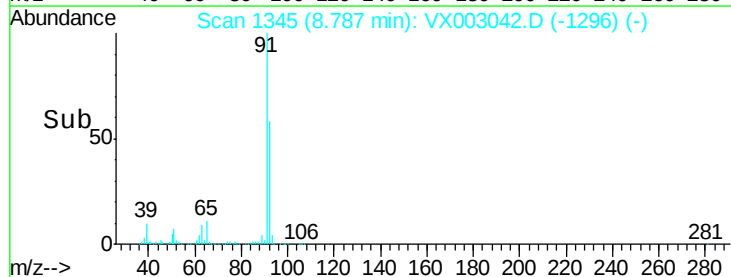
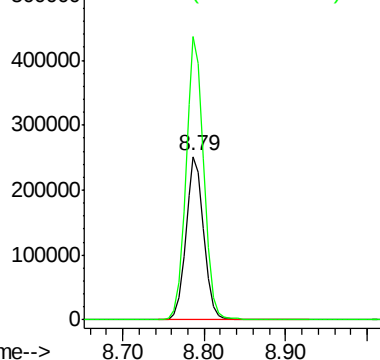
92 100

91 173.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

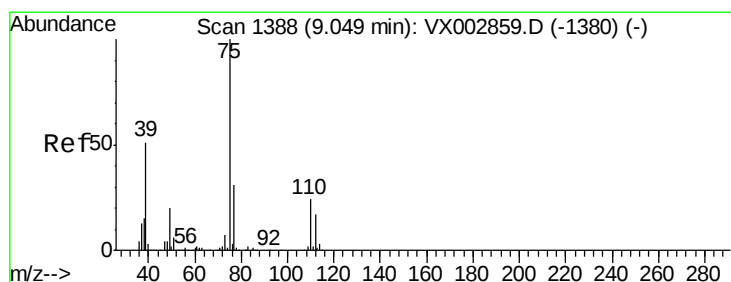
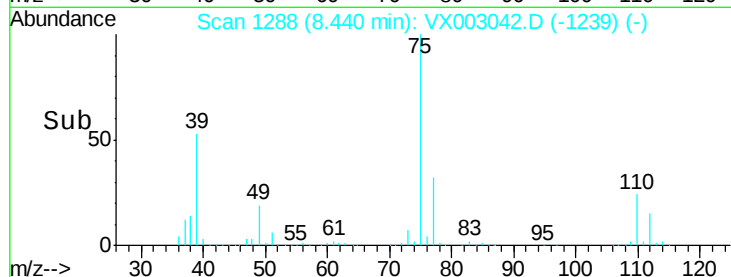
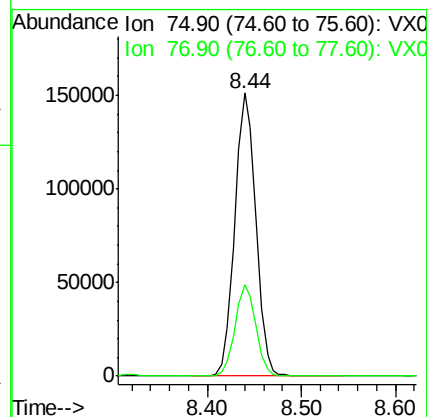
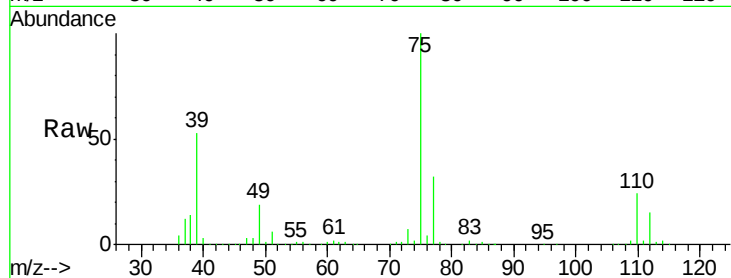
ClientSampleId :

Tot Ion: 75 Resp: 234240

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.73 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

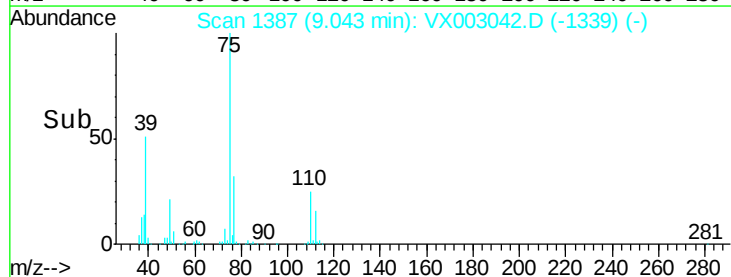
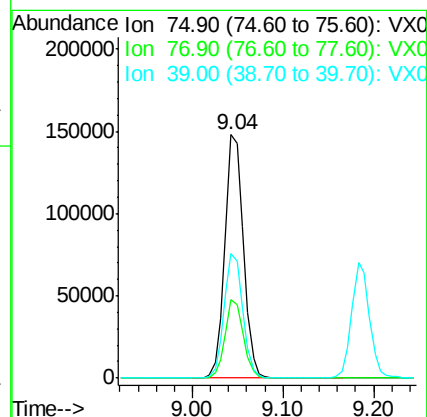
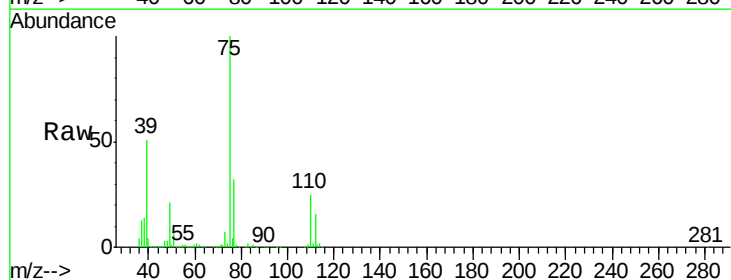
Tgt Ion: 75 Resp: 212023

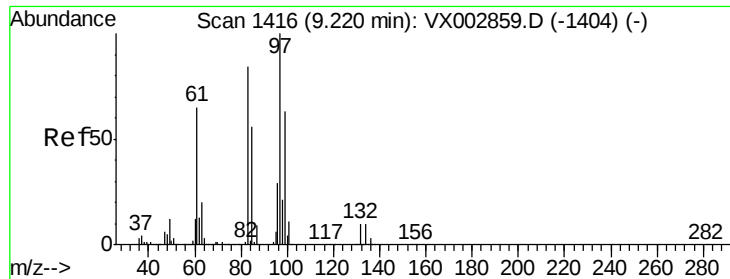
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 51.3 42.4 63.6

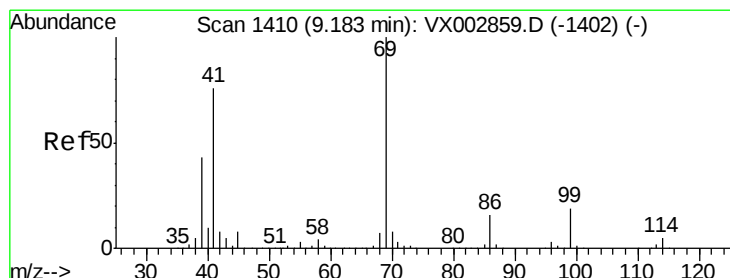
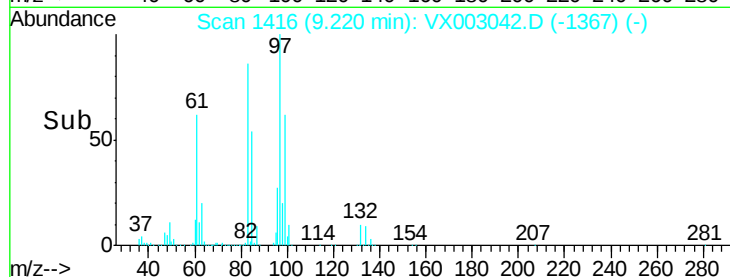
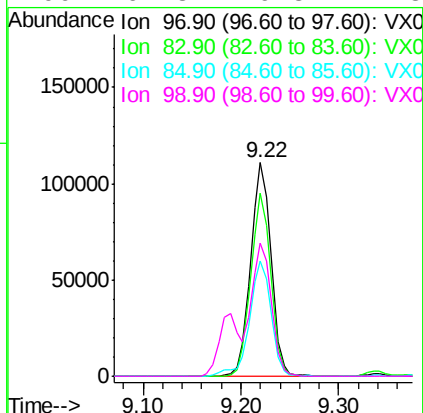
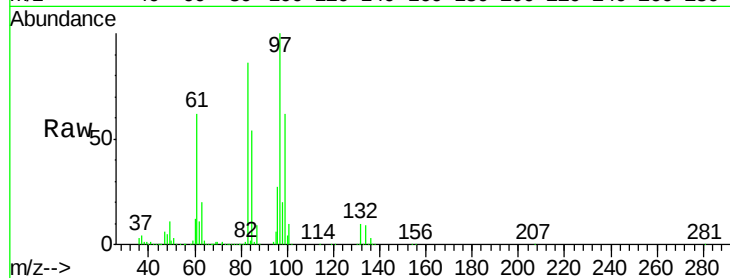




#55
 1,1,2-Trichloroethane
 Concen: 50.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

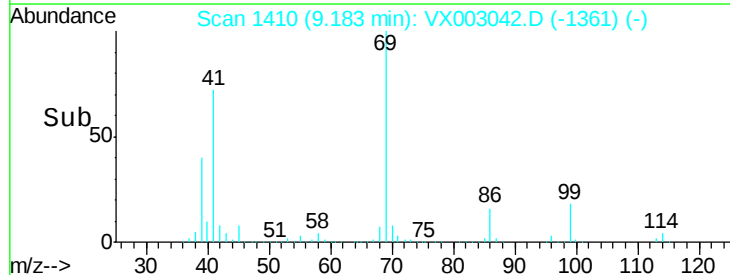
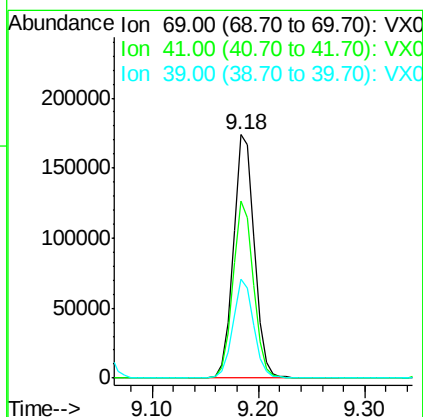
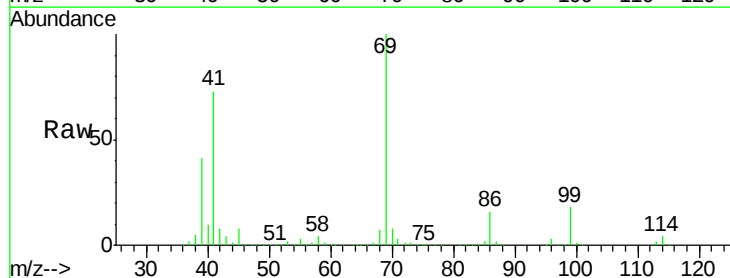
Instrument :
 MSVOA_X
 ClientSampleId :

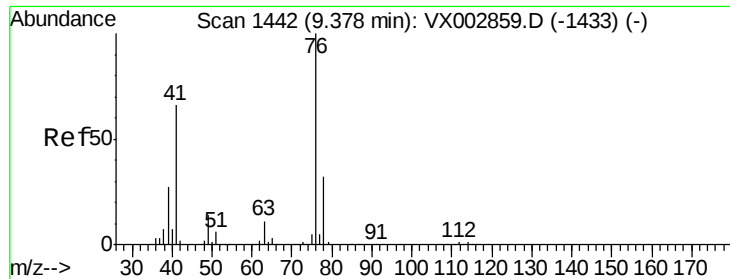
Tot Ion:	97	Resp:	160610
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	54.0	44.9	67.3
99	62.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 52.11 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion:	69	Resp:	240148
Ion	Ratio	Lower	Upper
69	100		
41	71.7	60.3	90.5
39	40.0	35.8	53.8

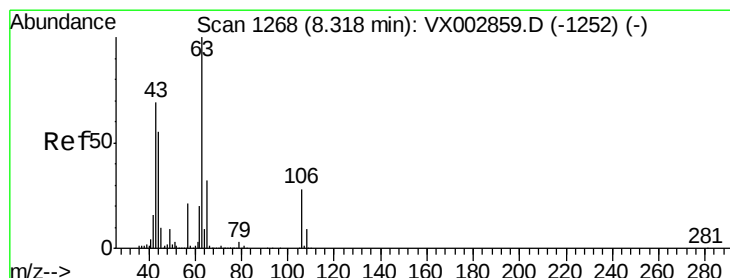
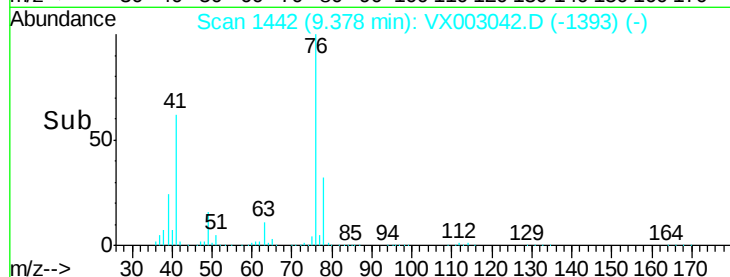
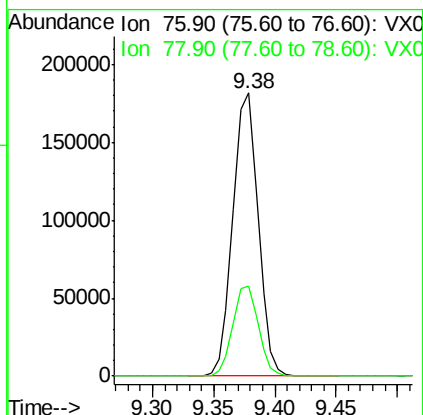
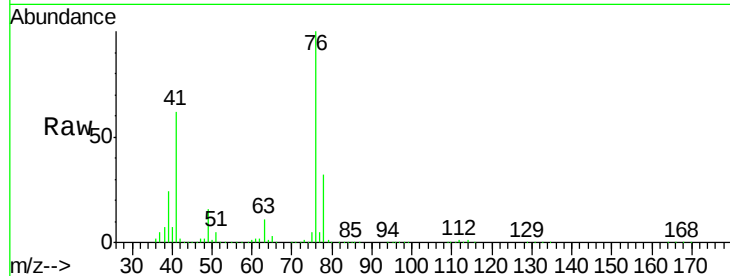




#57
 1,3-Dichloropropane
 Concen: 50.23 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

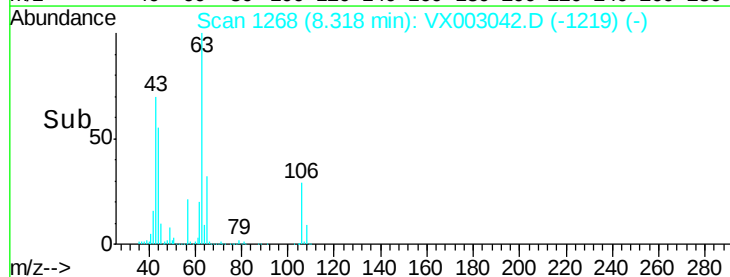
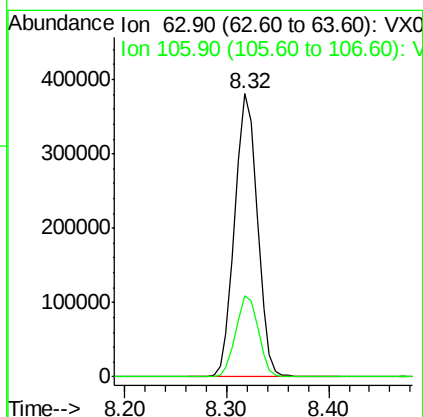
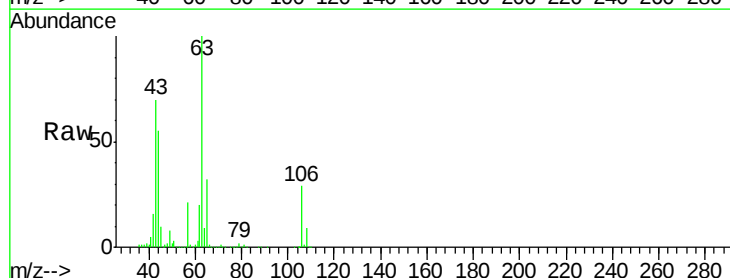
Instrument :
 MSVOA_X
 ClientSampleId :

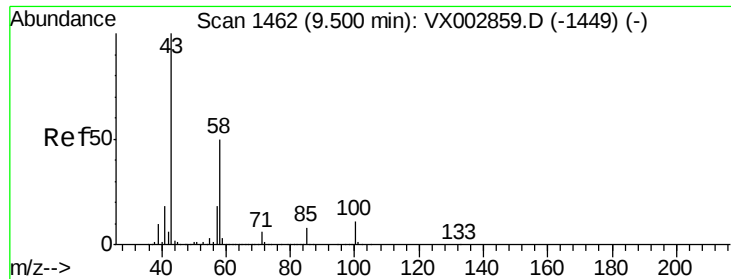
Tot Ion: 76 Resp: 260153
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.33 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion: 63 Resp: 583290
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.8 32.8

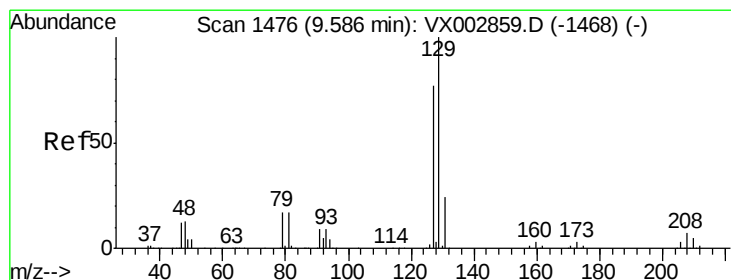
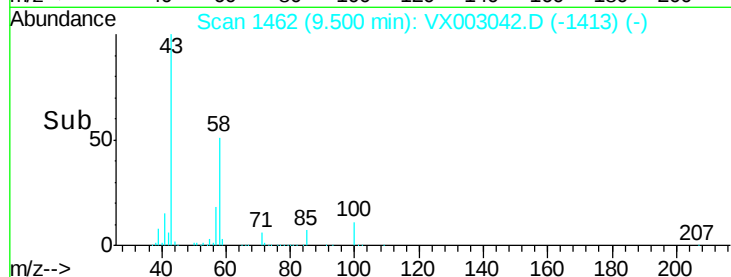
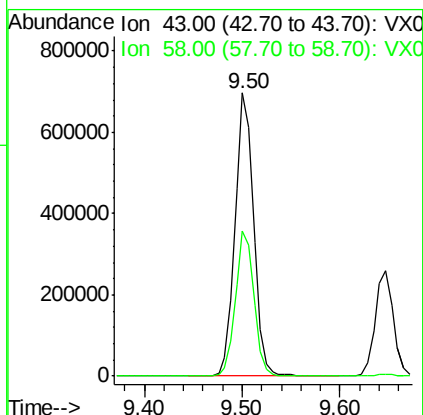
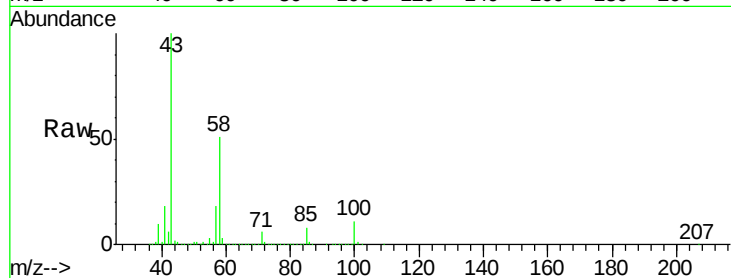




#59
2-Hexanone
Concen: 260.07 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

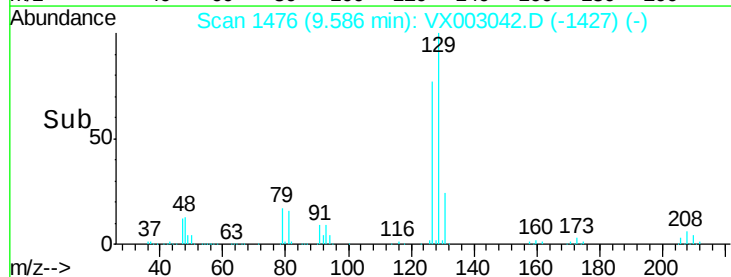
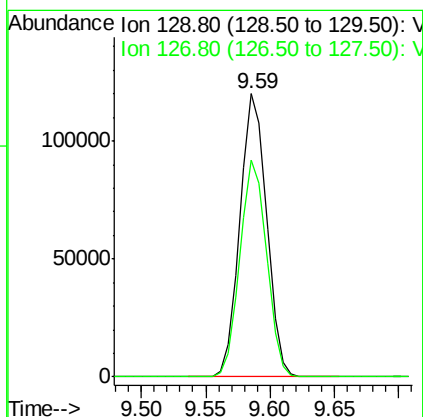
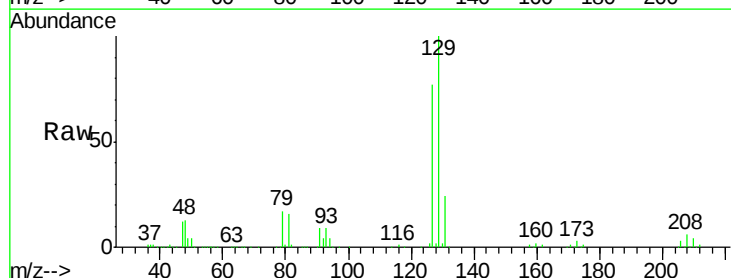
Instrument :
MSVOA_X
ClientSampleId :

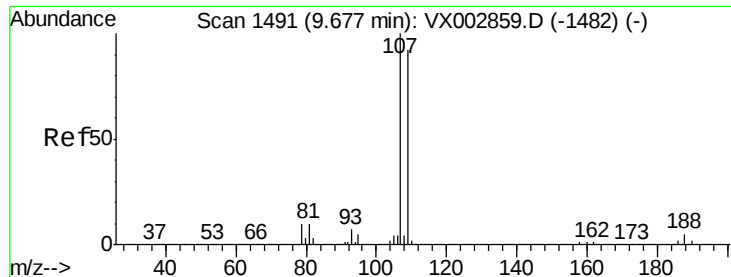
Tot Ion: 43 Resp: 920681
Ion Ratio Lower Upper
43 100
58 51.0 24.6 73.6



#60
Dibromochloromethane
Concen: 51.89 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion:129 Resp: 172247
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

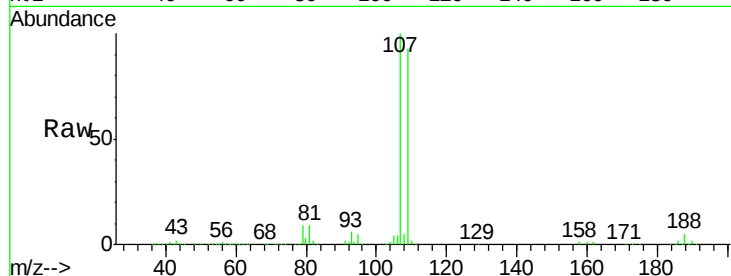
ClientSampled :

Tot Ion:107 Resp: 169236

Ion Ratio Lower Upper

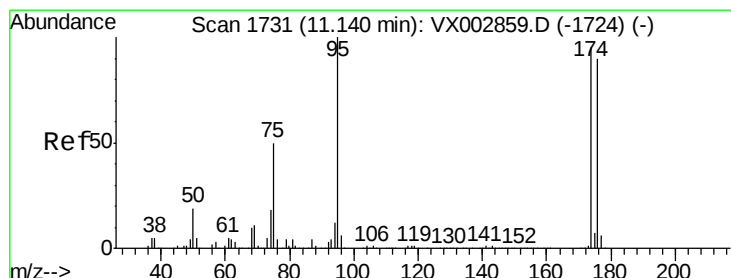
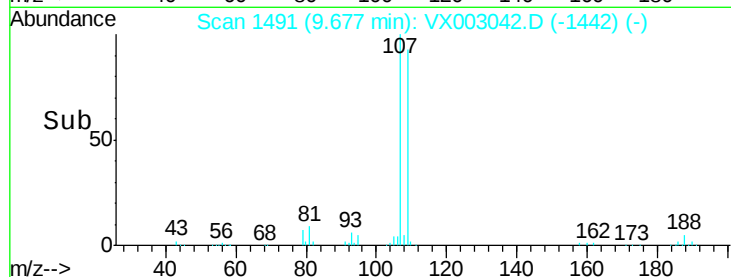
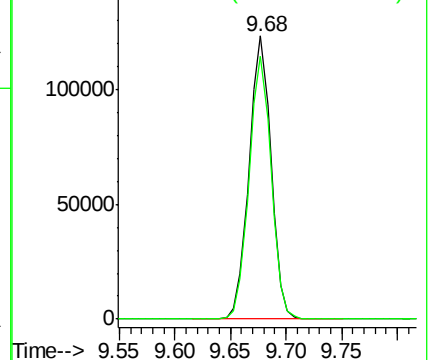
107 100

109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

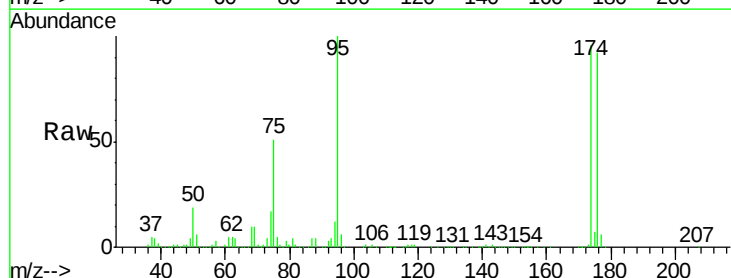
Tgt Ion: 95 Resp: 207950

Ion Ratio Lower Upper

95 100

174 97.4 0.0 187.4

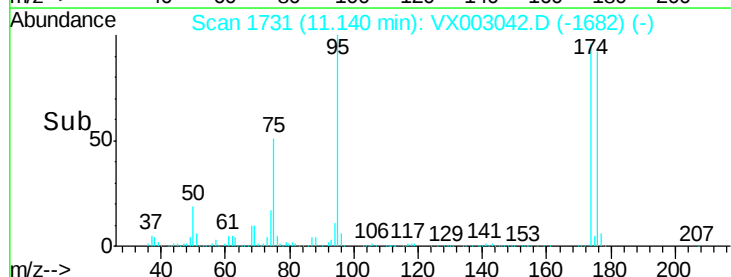
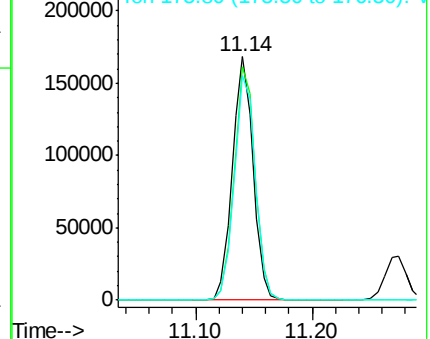
176 94.5 0.0 181.0

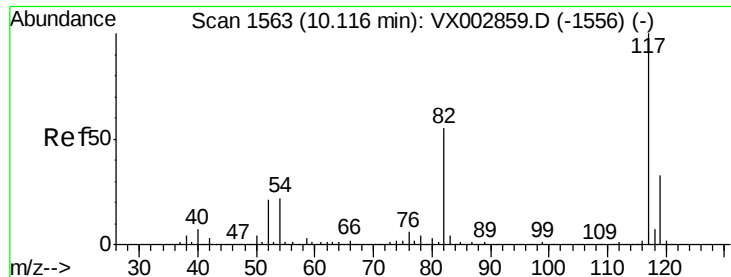


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

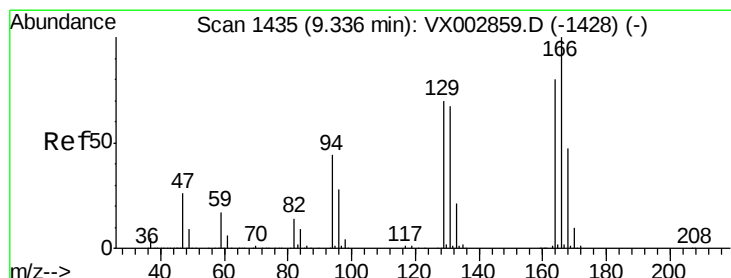
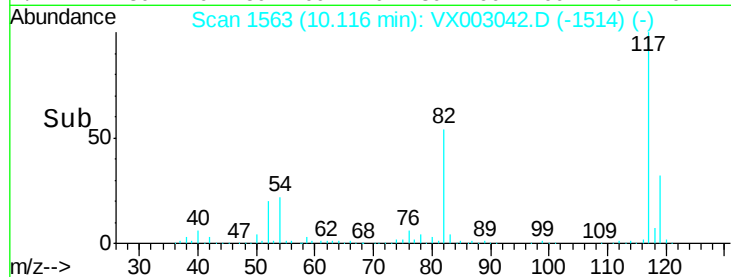
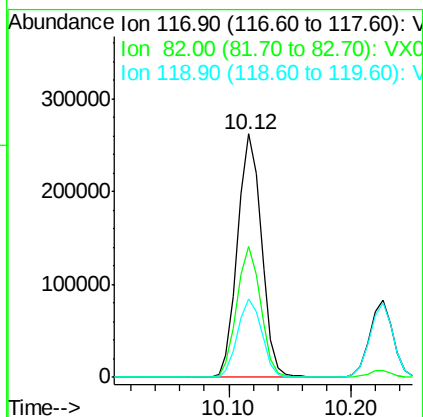
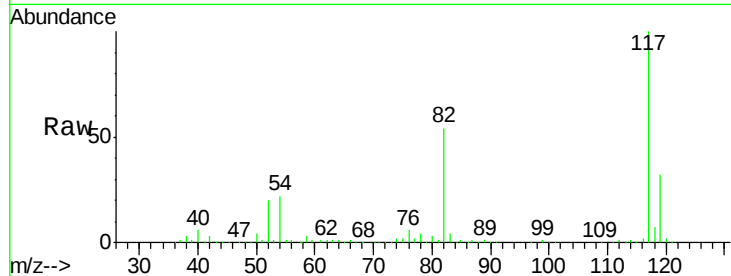




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

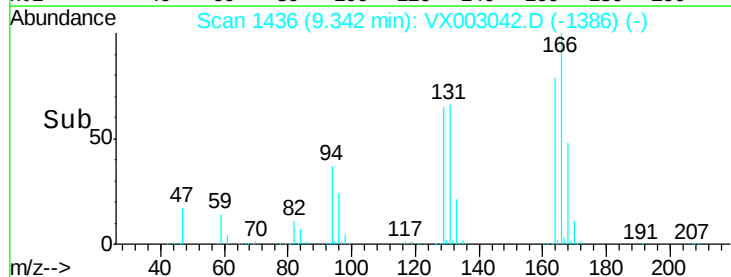
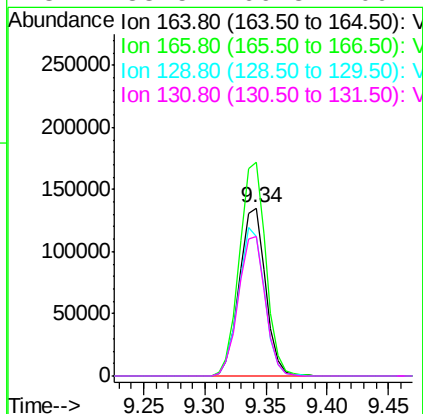
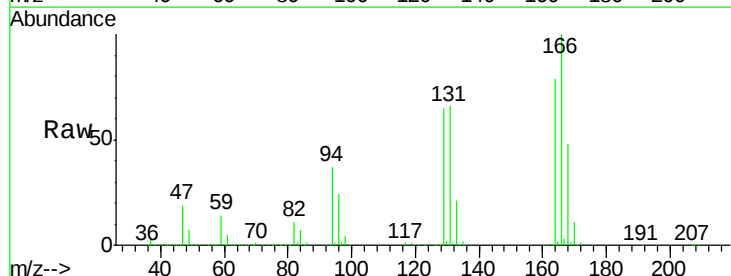
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 355605
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 50.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion:164 Resp: 199796
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 83.3 68.6 102.8
131 83.5 66.8 100.2

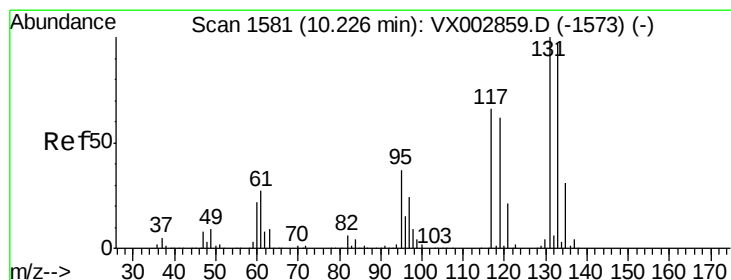
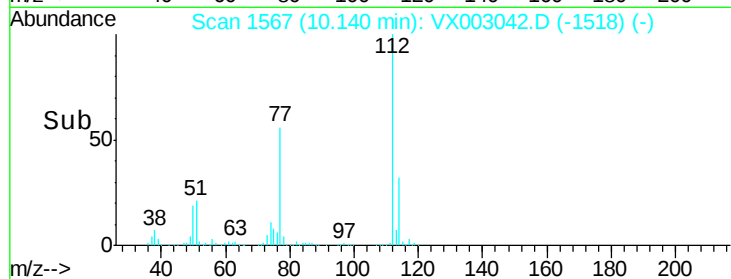
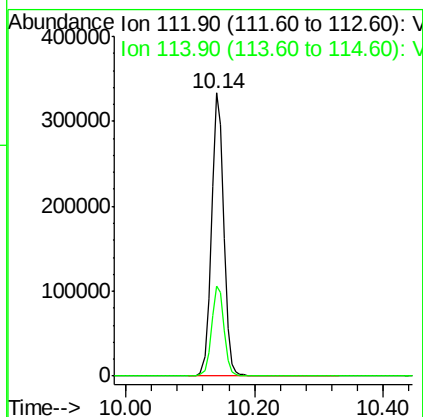
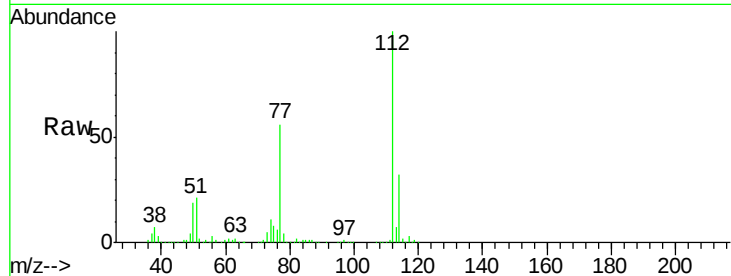




#65
Chlorobenzene
Concen: 49.45 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

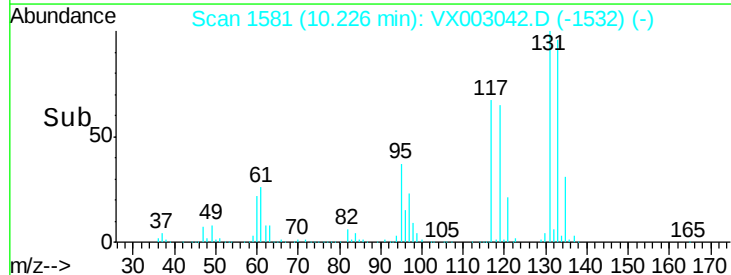
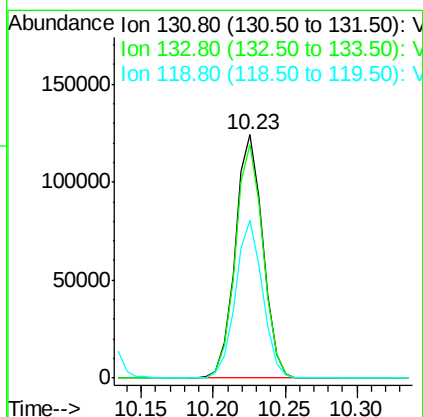
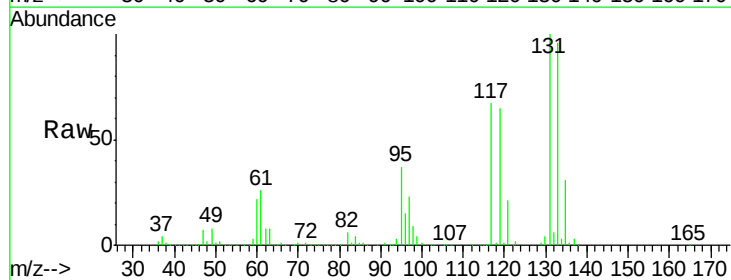
Instrument :
MSVOA_X
ClientSampleId :

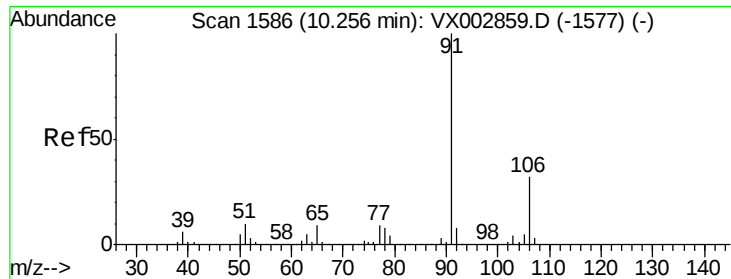
Tot Ion:112 Resp: 446643
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.65 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion:131 Resp: 166203
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.6 31.8 95.3

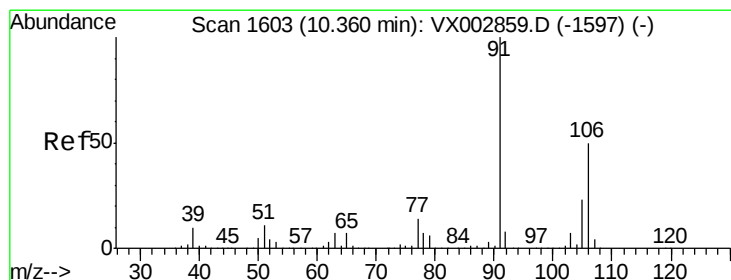
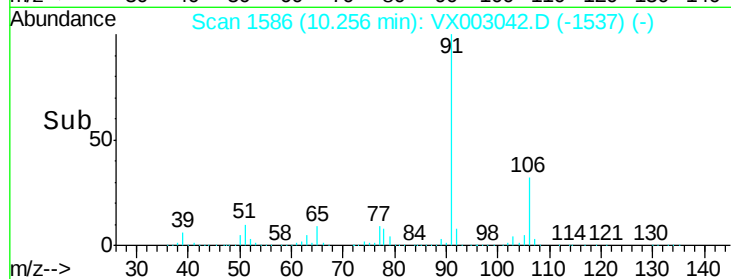
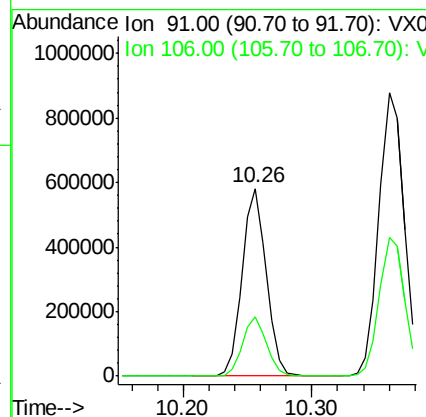
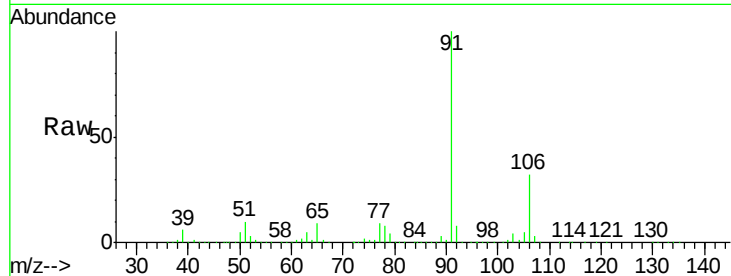




#67
Ethyl Benzene
Concen: 50.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

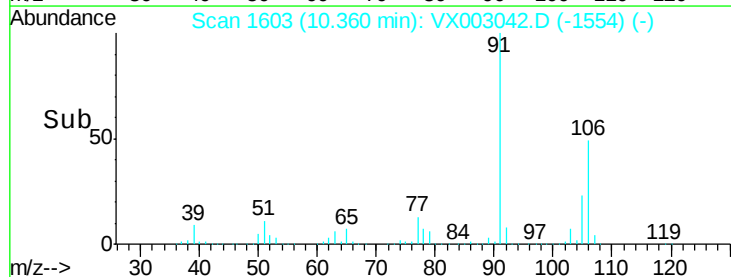
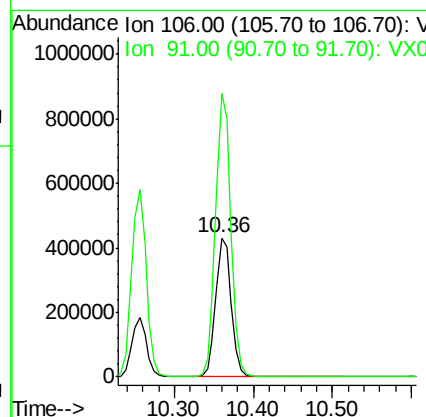
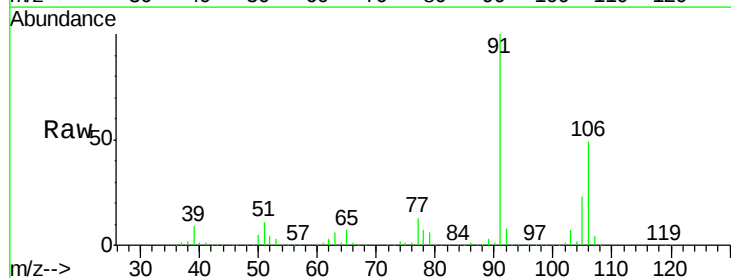
Instrument :
MSVOA_X
ClientSampleId :

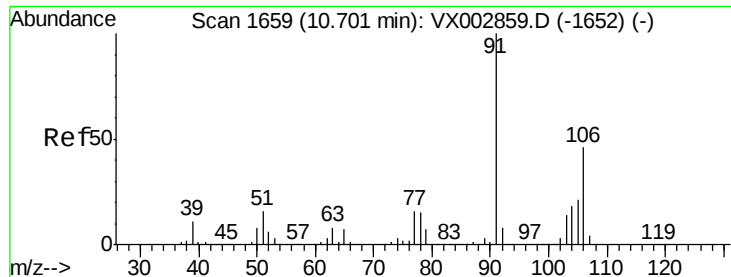
Tot Ion: 91 Resp: 753965
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 102.17 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 106 Resp: 587504
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2

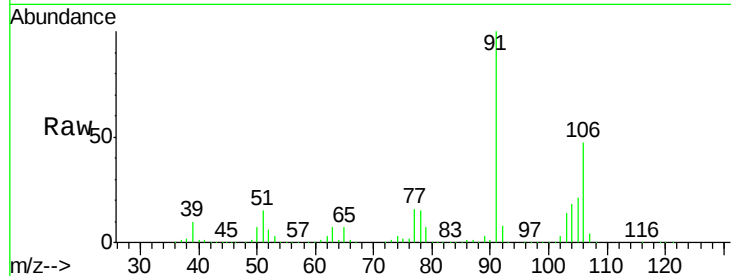




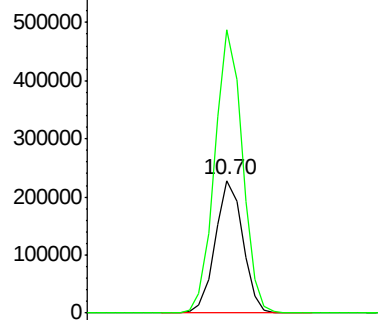
#69
o-Xylene
Concen: 51.25 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampled :

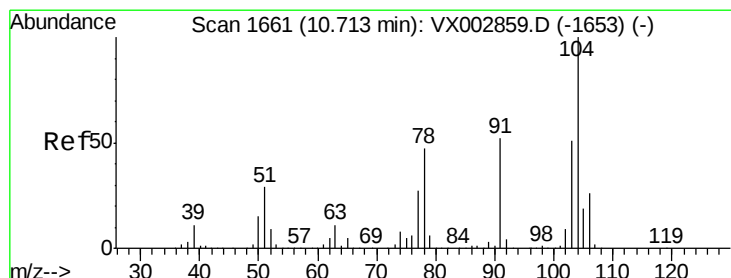
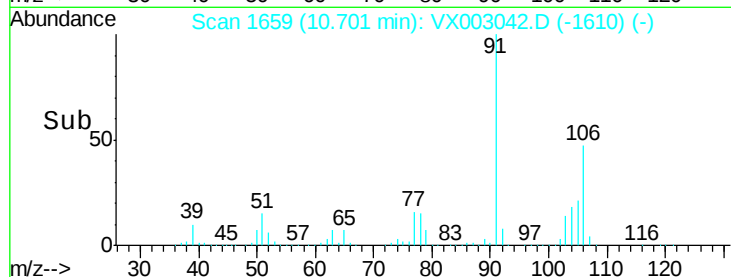
Tot Ion:106 Resp: 286961
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6



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

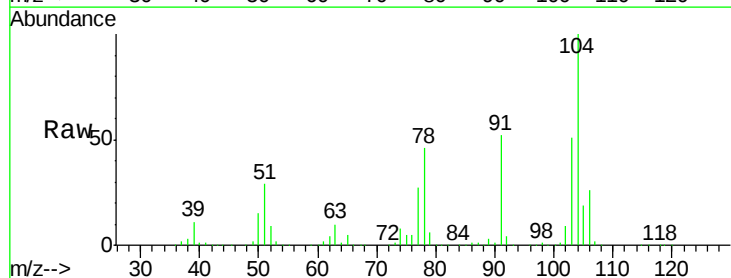


Time-->

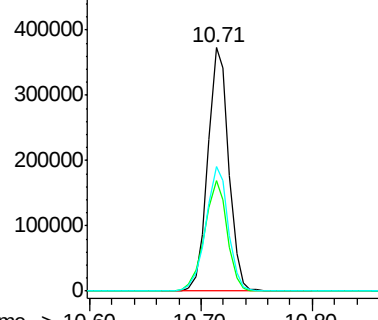


#70
Styrene
Concen: 53.05 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

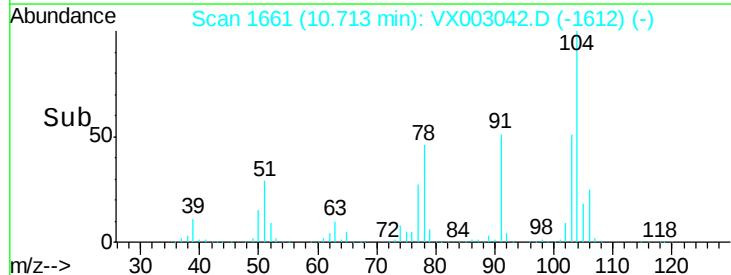
Tgt Ion:104 Resp: 482676
Ion Ratio Lower Upper
104 100
78 49.7 41.0 61.6
103 55.0 44.2 66.4



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



Time-->





#71

Bromoform

Concen: 46.05 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

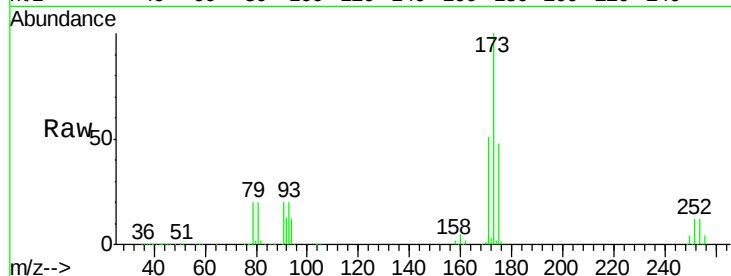
Tot Ion:173 Resp: 135531

Ion Ratio Lower Upper

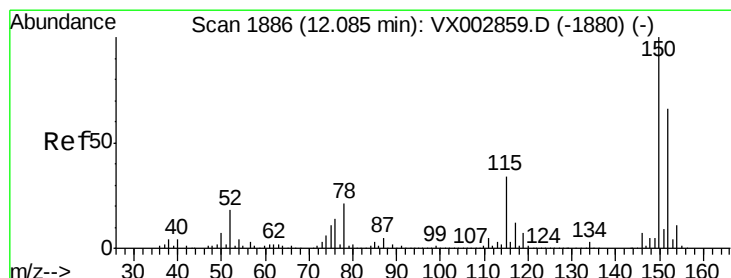
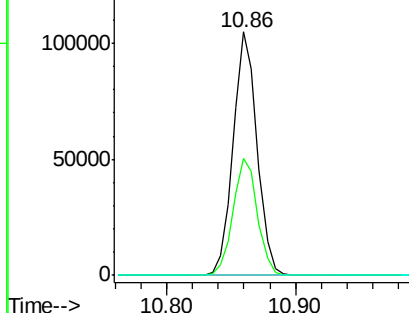
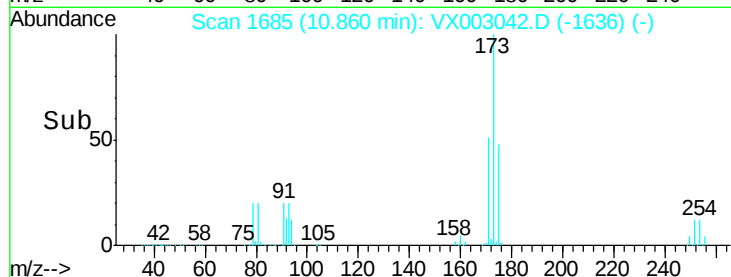
173 100

175 49.1 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

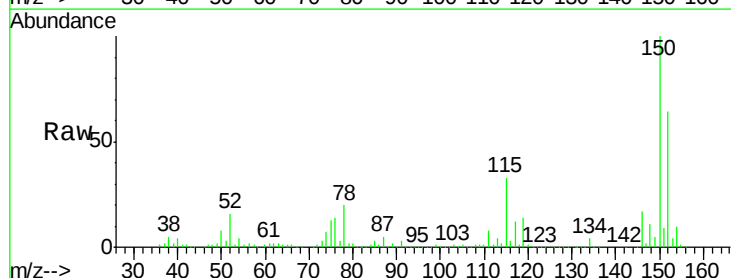
Tgt Ion:152 Resp: 224169

Ion Ratio Lower Upper

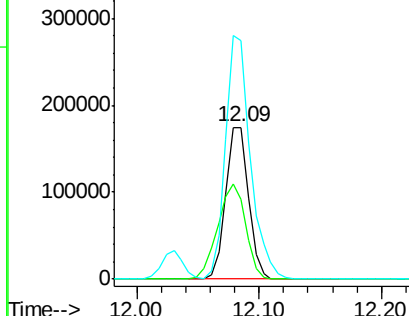
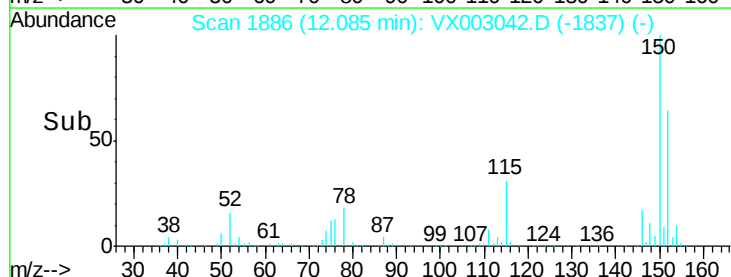
152 100

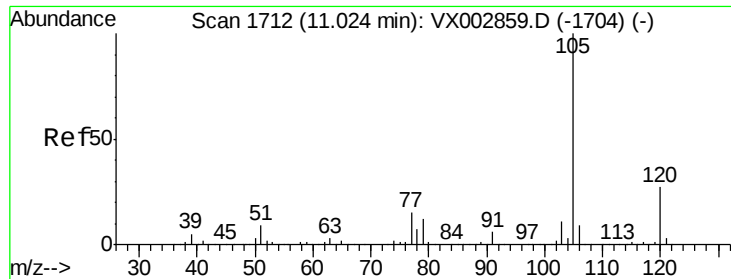
115 77.0 40.1 120.2

150 175.3 0.0 347.2



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: 51.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

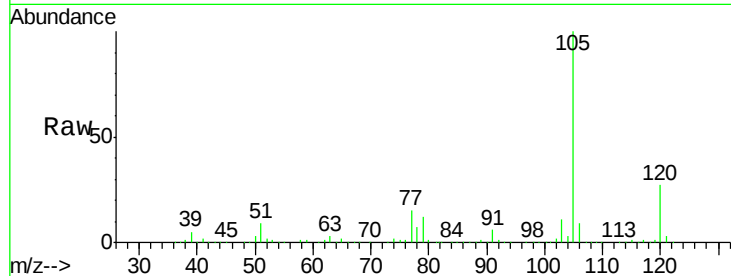
ClientSampleId :

Tot Ion:105 Resp: 769706

Ion Ratio Lower Upper

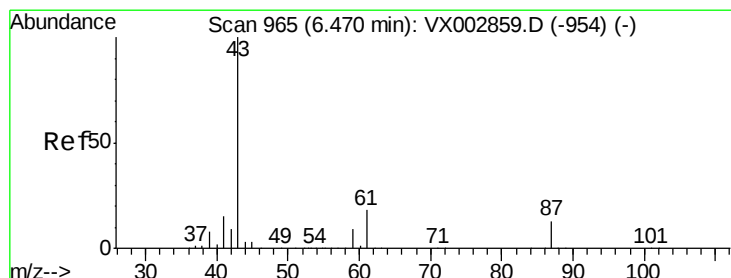
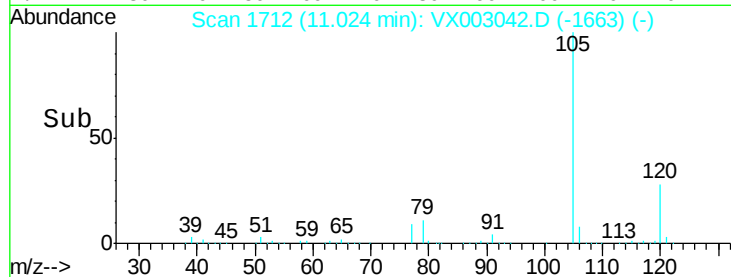
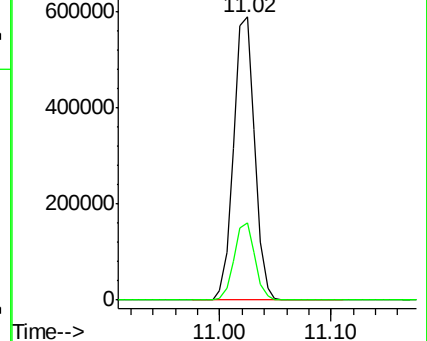
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.63 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion: 43 Resp: 366193

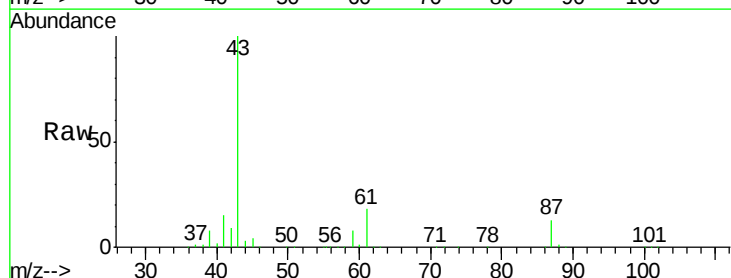
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 14.4 21.6

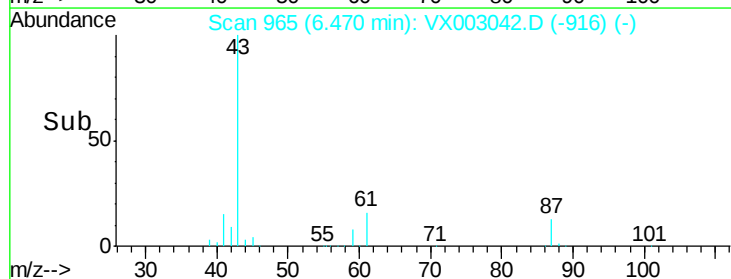
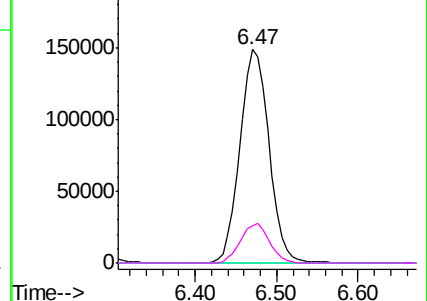


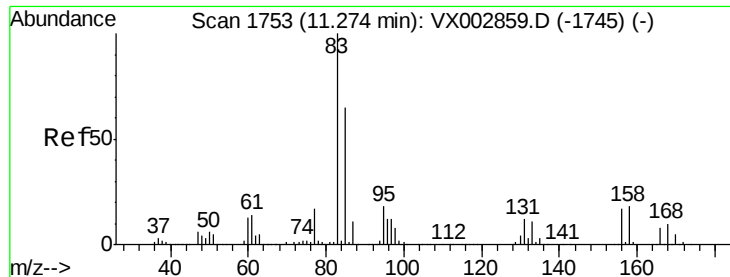
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

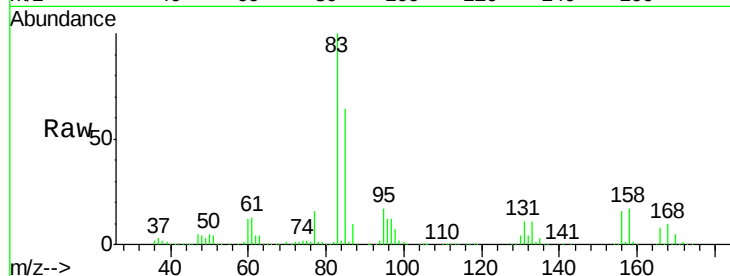
Tot Ion: 83 Resp: 238313

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

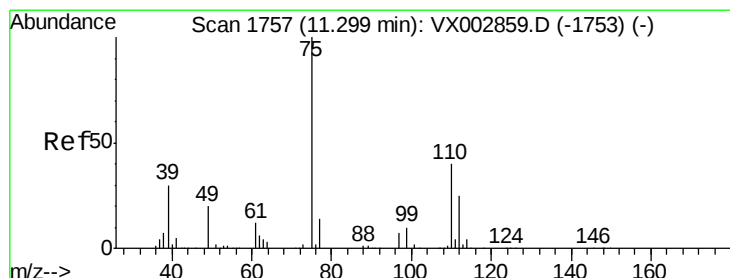
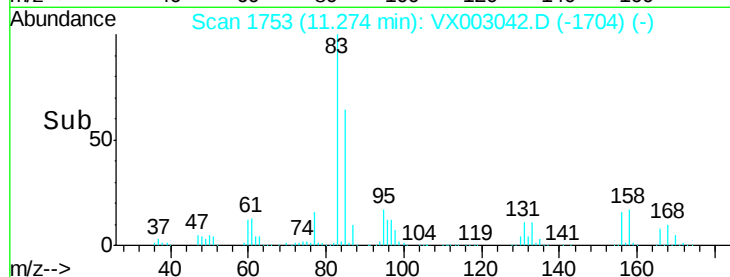
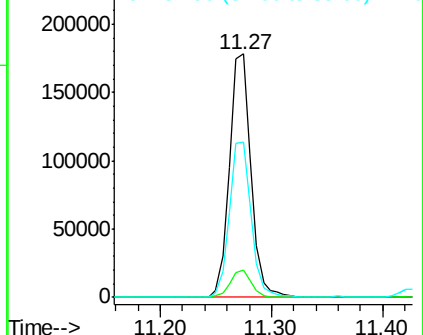
85 64.6 32.4 97.2



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: 65.95 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003042.D

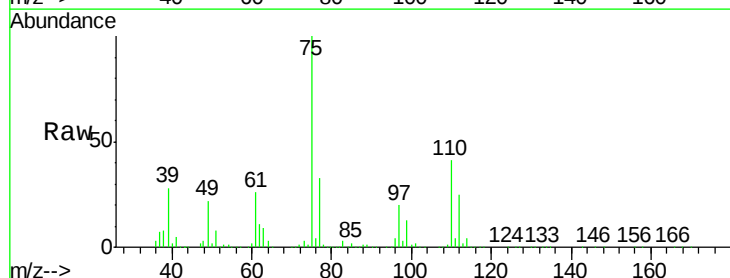
Acq: 29 Jun 2018 21:11

Tgt Ion: 75 Resp: 267794

Ion Ratio Lower Upper

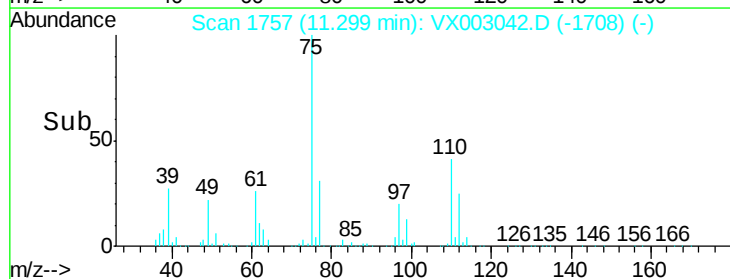
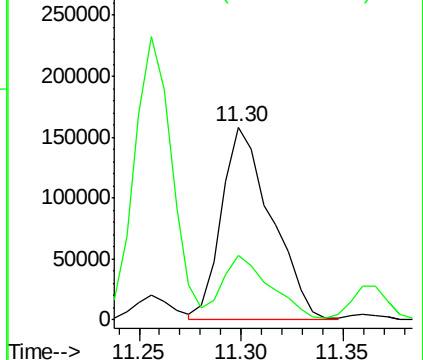
75 100

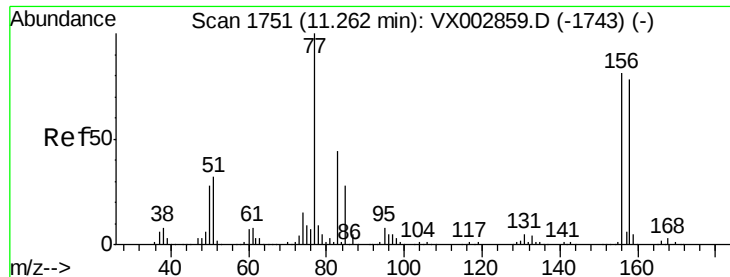
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.44 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

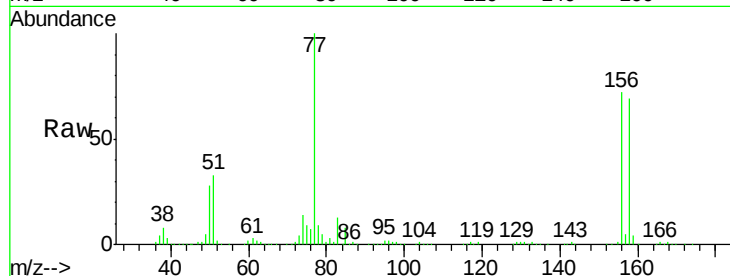
Tot Ion:156 Resp: 216621

Ion Ratio Lower Upper

156 100

77 136.5 71.4 214.2

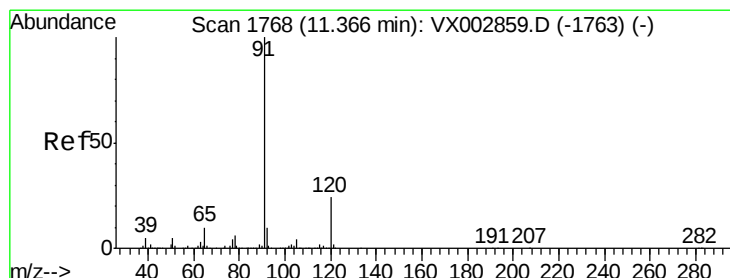
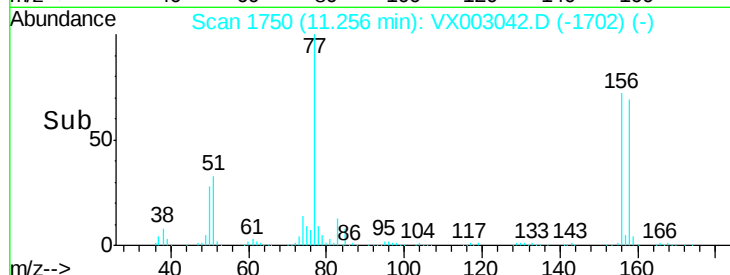
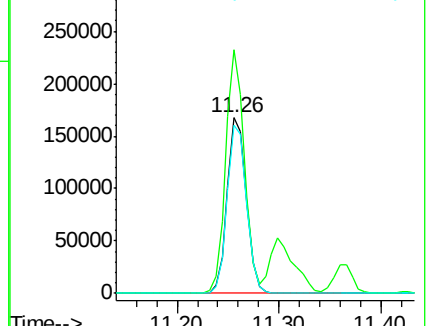
158 97.2 48.9 146.6



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: 50.18 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003042.D

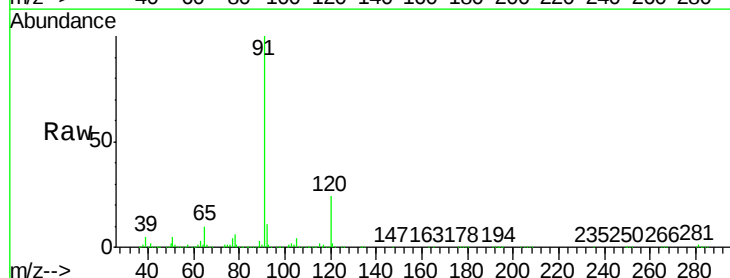
Acq: 29 Jun 2018 21:11

Tgt Ion: 91 Resp: 861384

Ion Ratio Lower Upper

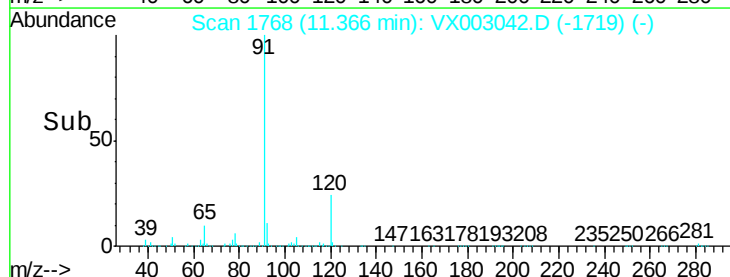
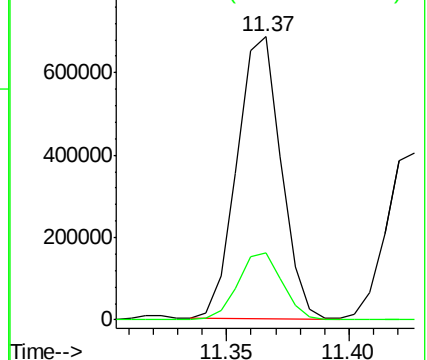
91 100

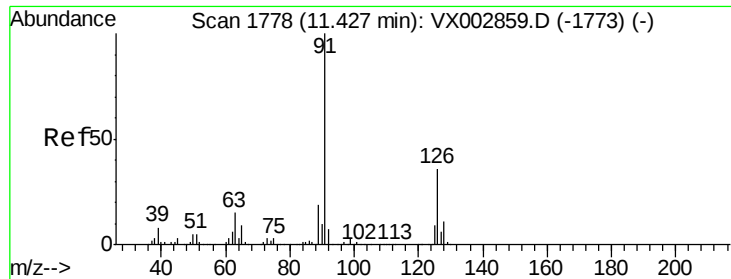
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

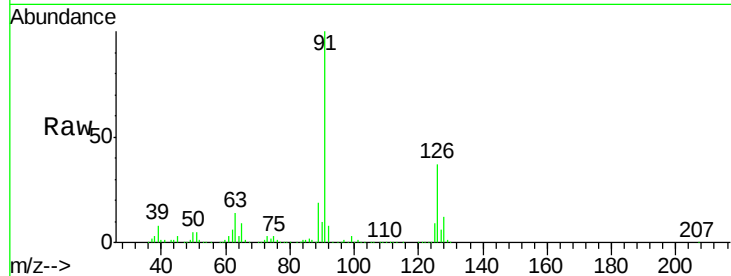
ClientSampleId :

Tot Ion: 91 Resp: 516732

Ion Ratio Lower Upper

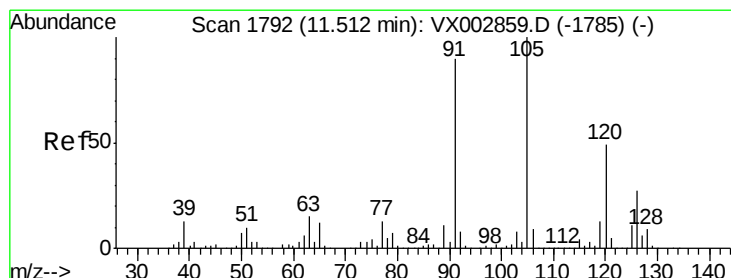
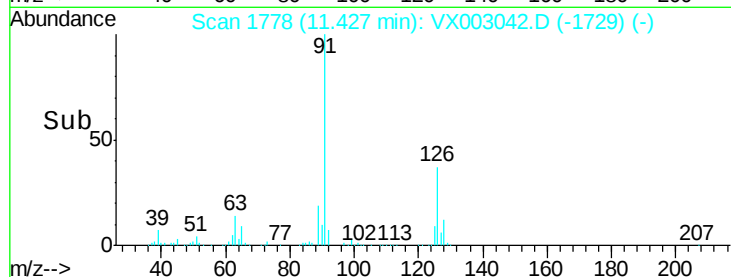
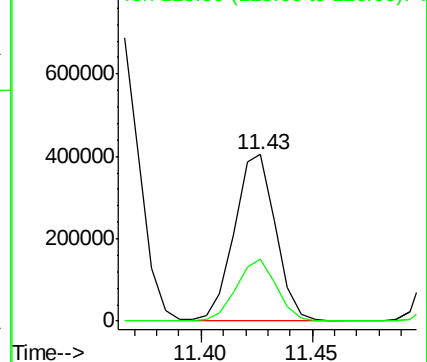
91 100

126 36.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003042.D

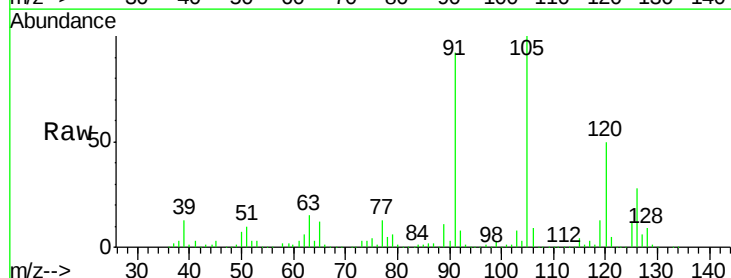
Acq: 29 Jun 2018 21:11

Tgt Ion:105 Resp: 639117

Ion Ratio Lower Upper

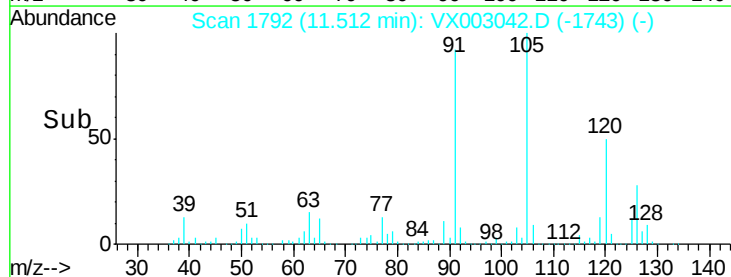
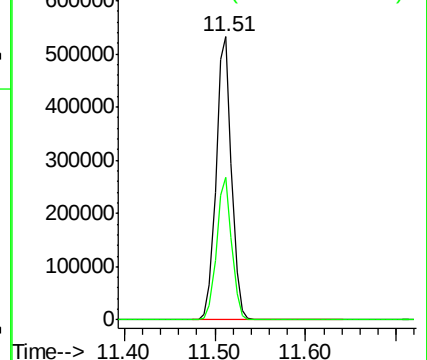
105 100

120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

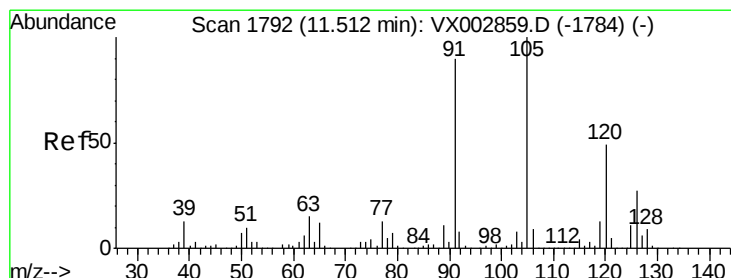
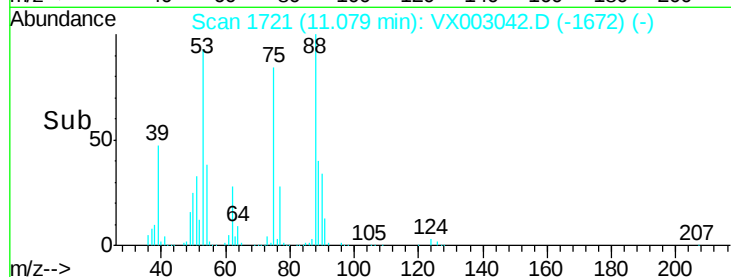
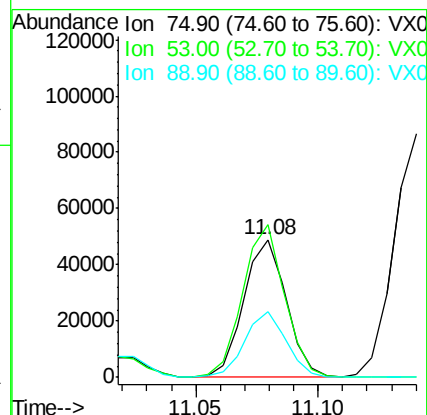
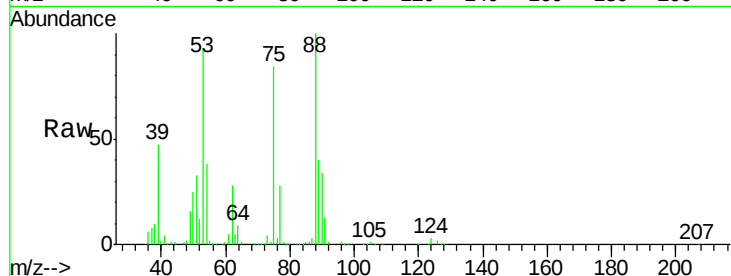
Tot Ion: 75 Resp: 59195

Ion Ratio Lower Upper

75 100

53 108.8 86.8 130.2

89 46.6 38.2 57.2



#82

4-Chlorotoluene

Concen: 49.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003042.D

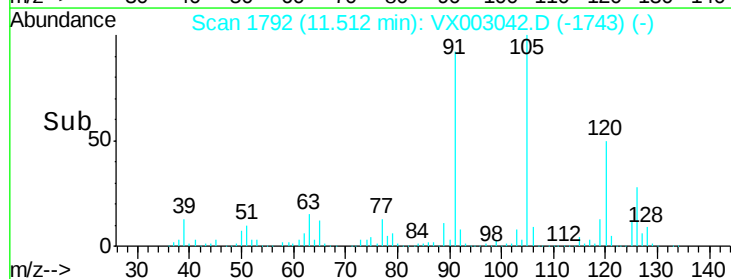
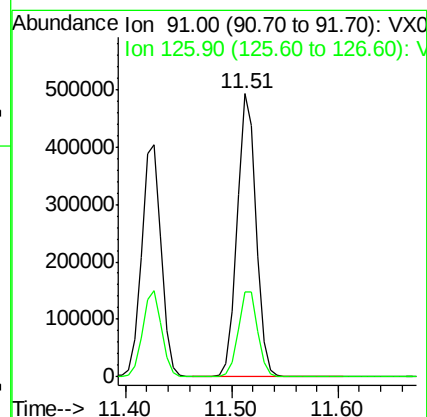
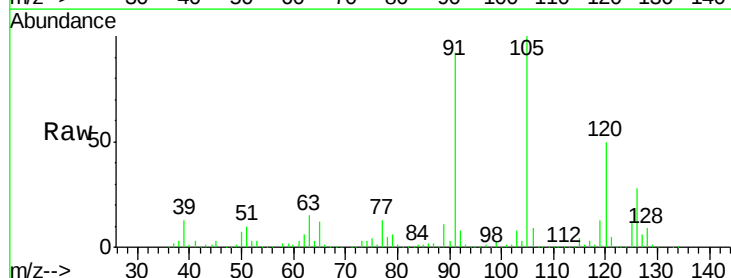
Acq: 29 Jun 2018 21:11

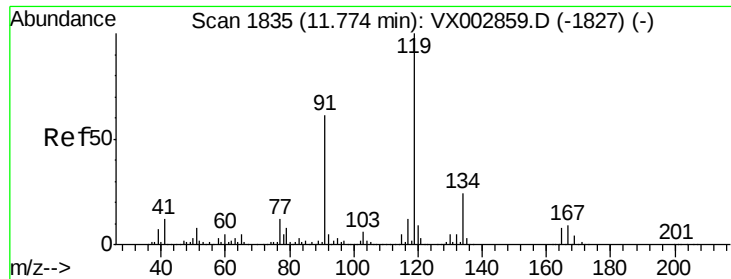
Tgt Ion: 91 Resp: 613827

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

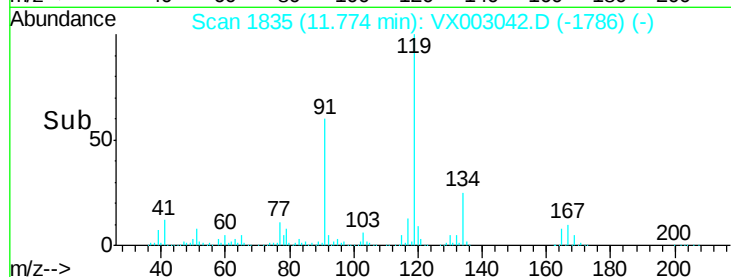
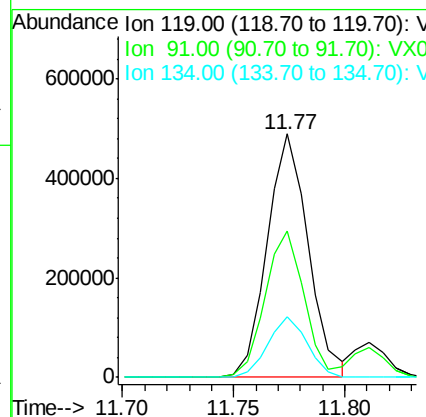
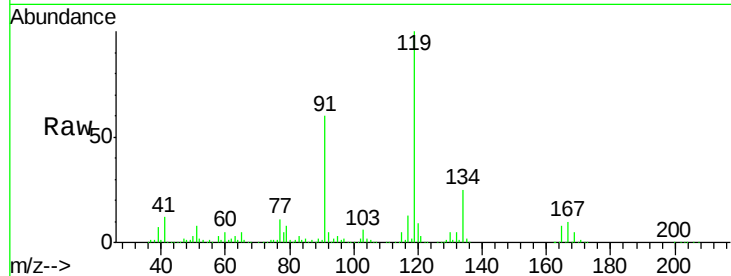




#83
tert-Butylbenzene
Concen: 50.05 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

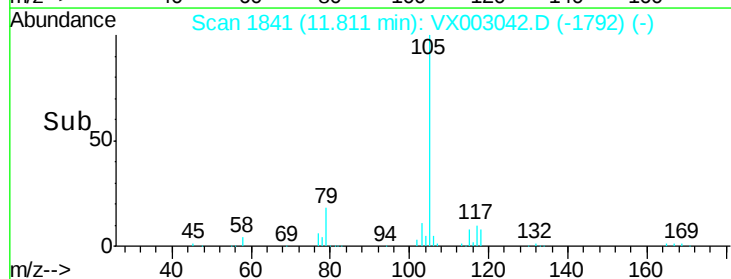
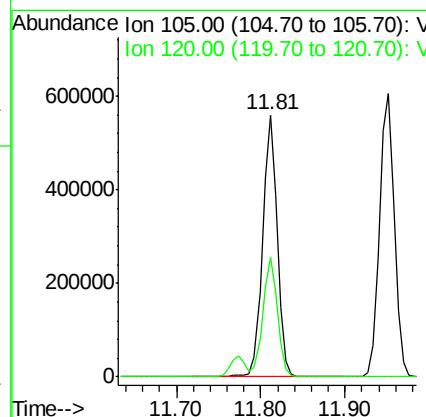
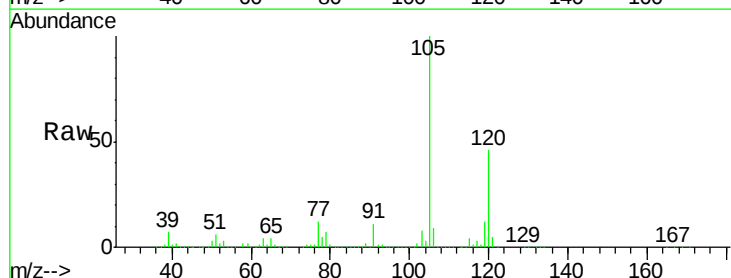
Instrument :
MSVOA_X
ClientSampleId :

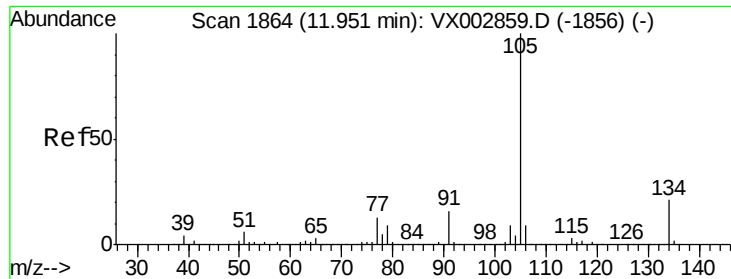
Tot Ion:119 Resp: 626554
Ion Ratio Lower Upper
119 100
91 56.9 30.3 90.9
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.32 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion:105 Resp: 662215
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

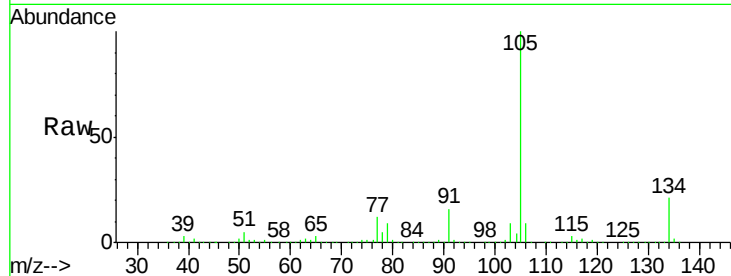
ClientSampleId :

Tot Ion:105 Resp: 741327

Ion Ratio Lower Upper

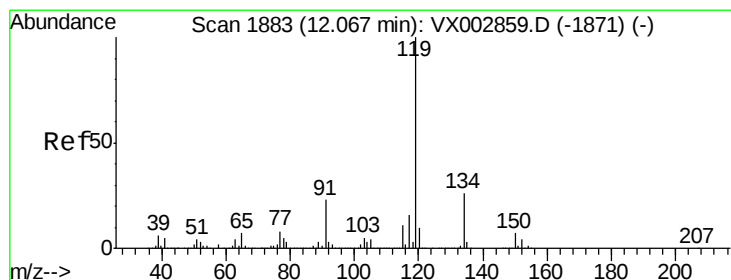
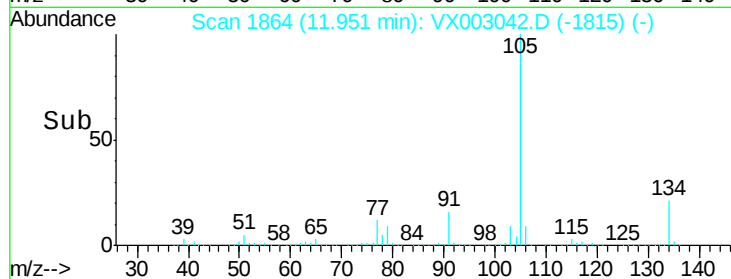
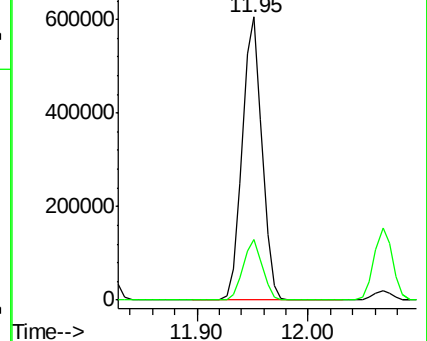
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.25 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

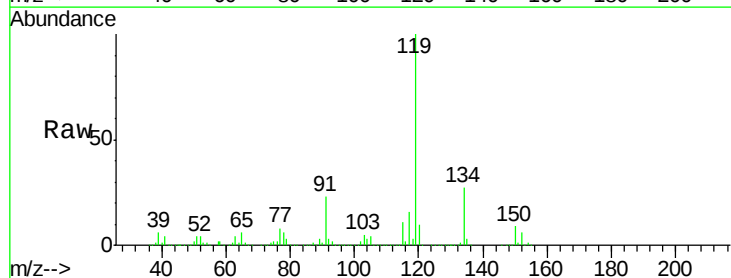
Tgt Ion:119 Resp: 672334

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

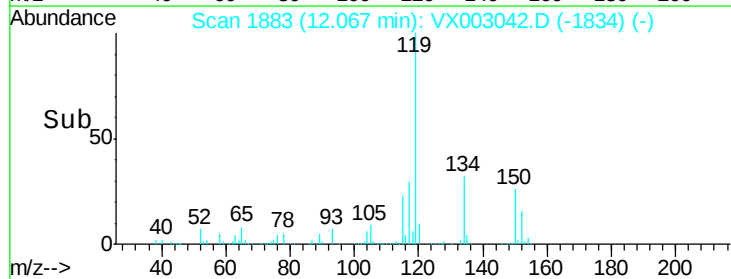
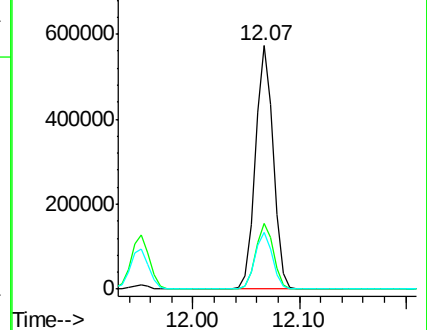
91 23.1 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.43 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

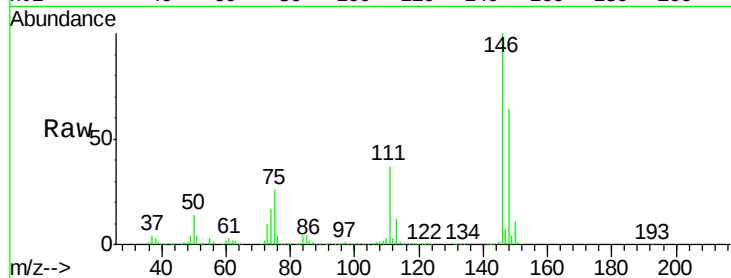
Tot Ion:146 Resp: 387747

Ion Ratio Lower Upper

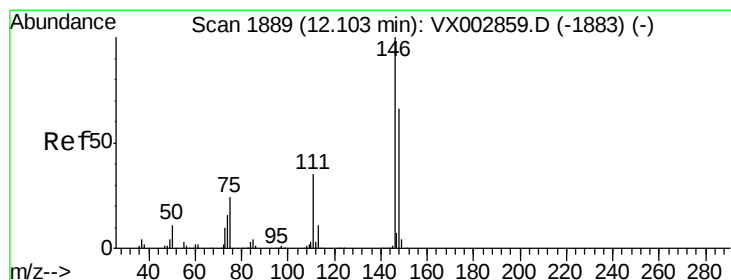
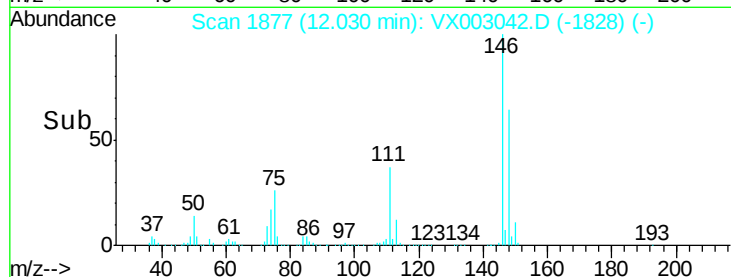
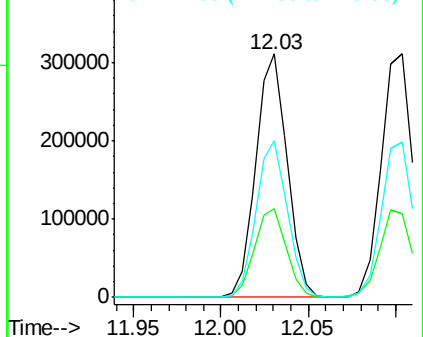
146 100

111 37.1 18.9 56.7

148 64.1 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 48.62 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

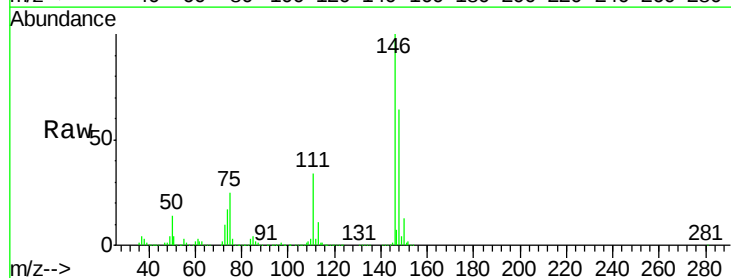
Tgt Ion:146 Resp: 392436

Ion Ratio Lower Upper

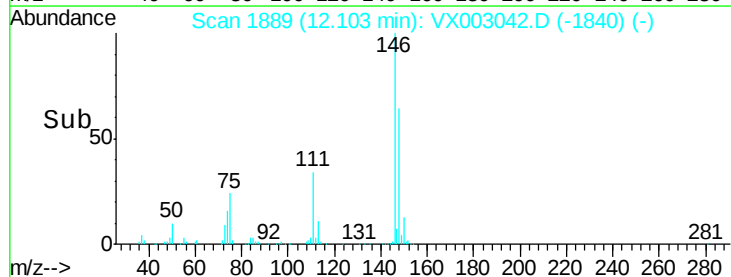
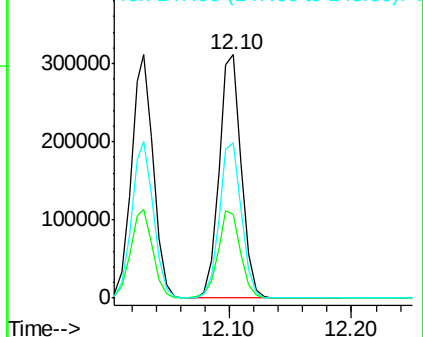
146 100

111 36.2 18.7 56.1

148 64.0 32.4 97.0



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





#89

n-Butylbenzene

Concen: 47.34 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

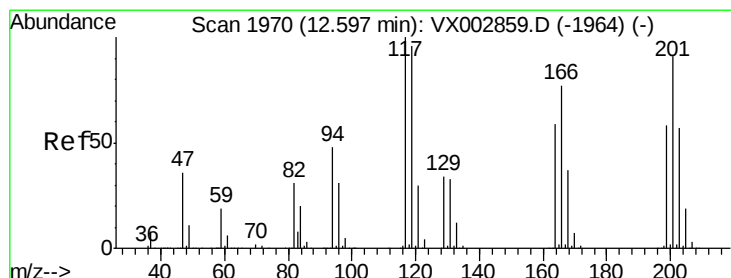
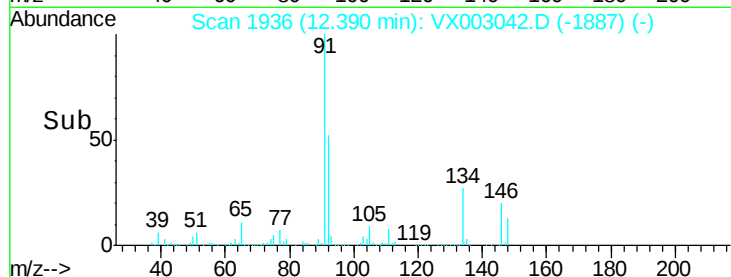
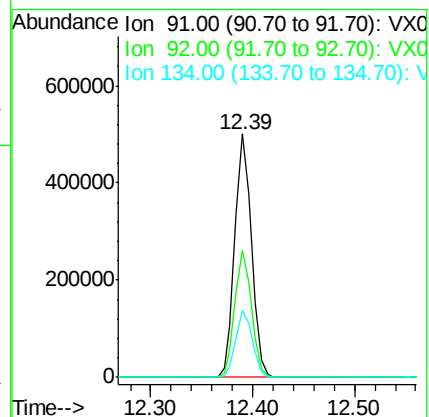
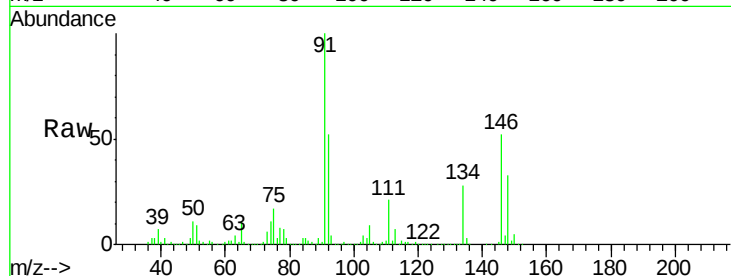
Tot Ion: 91 Resp: 562536

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 48.25 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003042.D

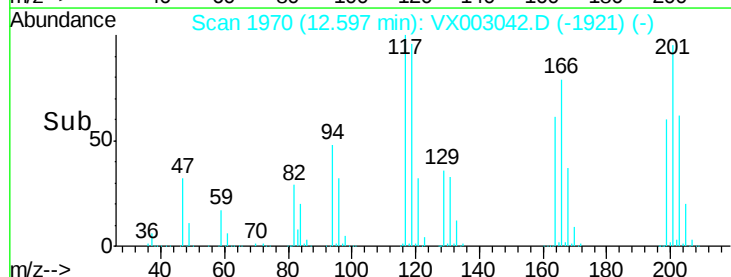
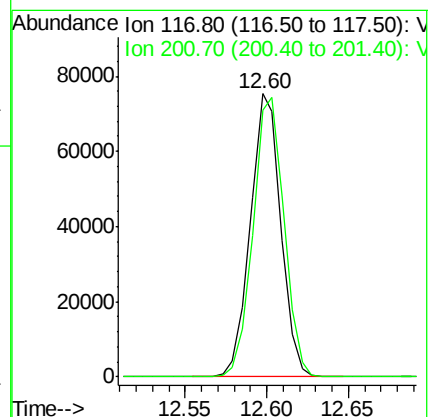
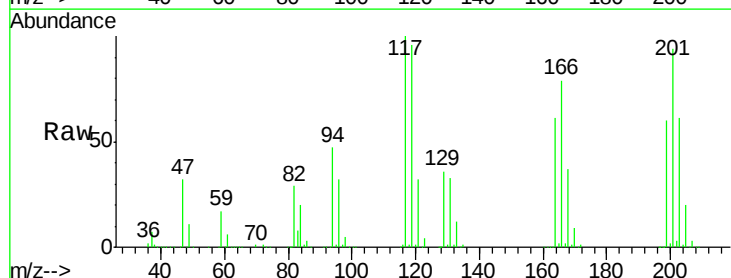
Acq: 29 Jun 2018 21:11

Tgt Ion: 117 Resp: 97975

Ion Ratio Lower Upper

117 100

201 100.6 49.0 147.0

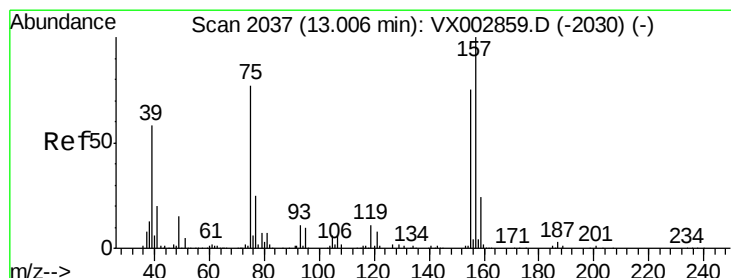
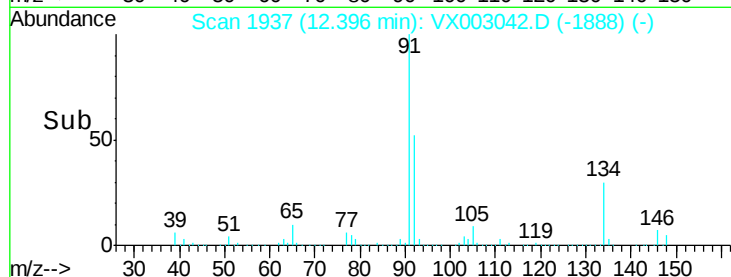
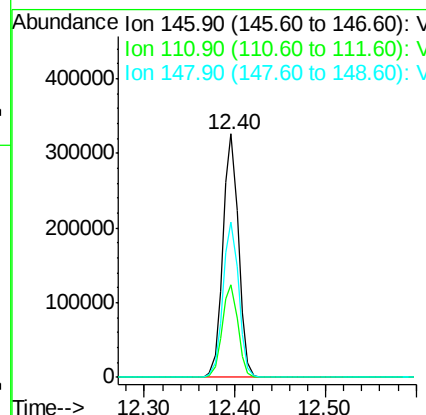
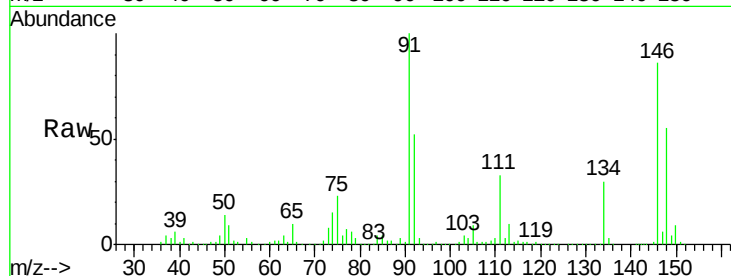




#91
 1,2-Dichlorobenzene
 Concen: 49.56 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

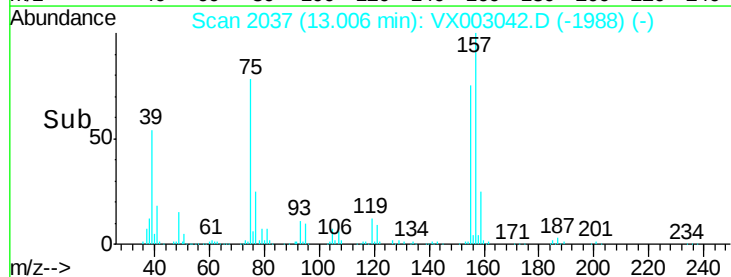
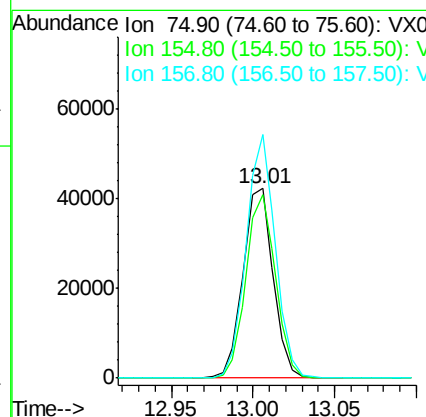
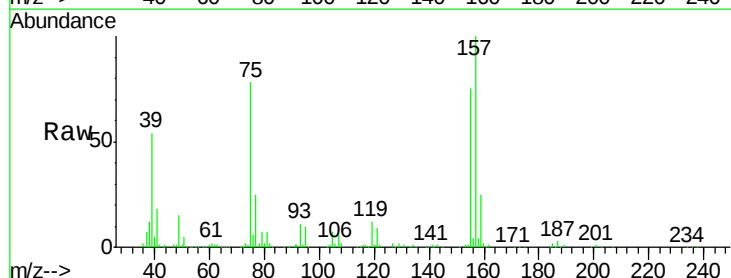
Instrument :
 MSVOA_X
 ClientSampled :

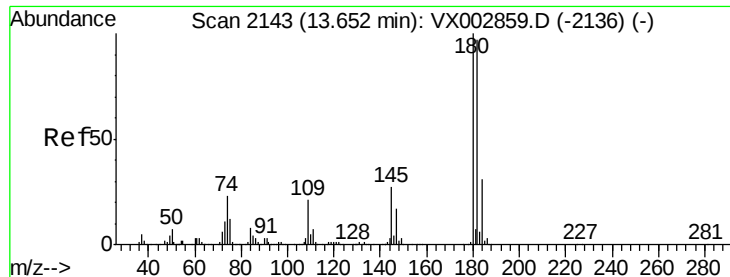
Tot Ion:146 Resp: 392351
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.46 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion: 75 Resp: 54779
 Ion Ratio Lower Upper
 75 100
 155 94.8 45.8 137.4
 157 123.3 60.1 180.3

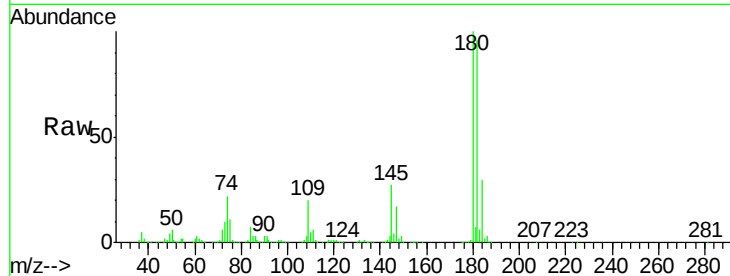




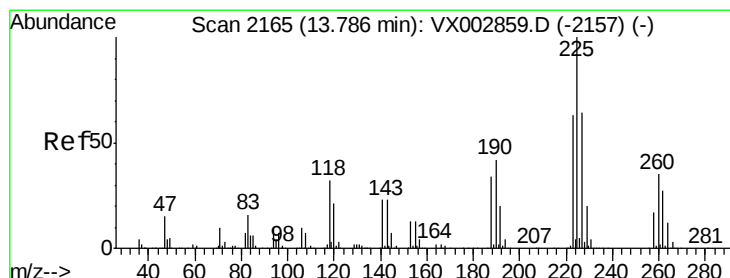
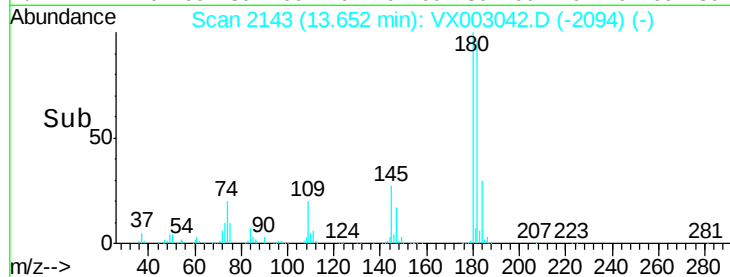
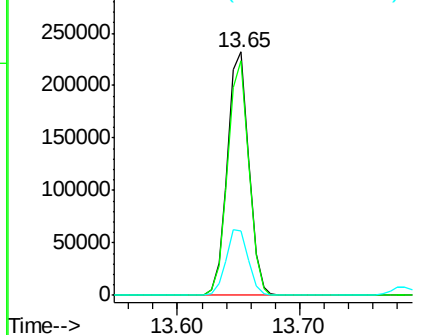
#93
 1,2,4-Trichlorobenzene
 Concen: 48.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 279602
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.1 14.1 42.4

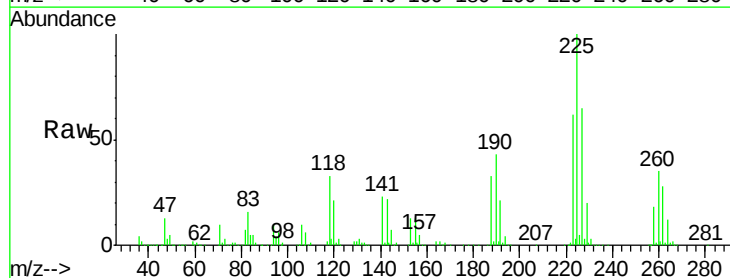


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

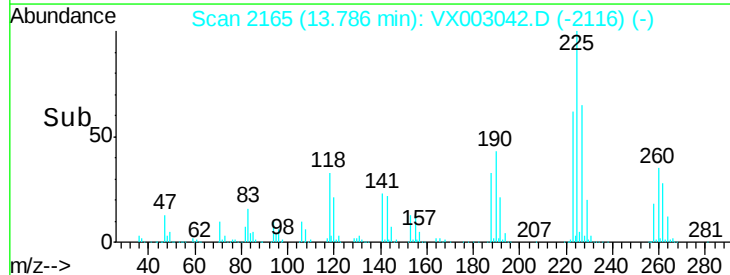
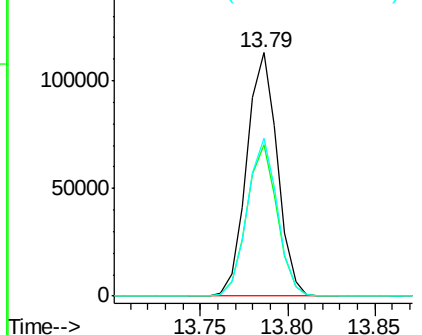


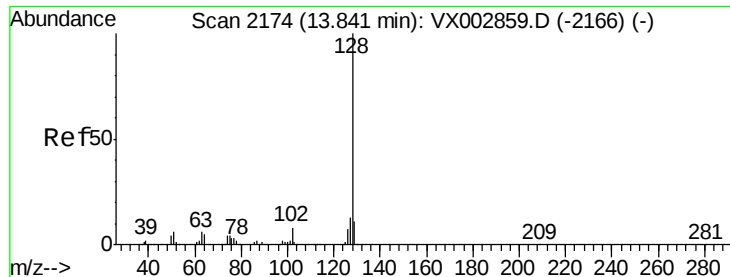
#94
 Hexachlorobutadiene
 Concen: 47.73 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion:225 Resp: 137167
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.6 95.0
 227 63.5 32.4 97.2



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: 53.25 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

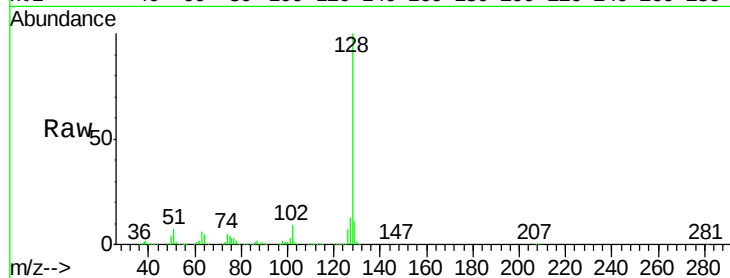
Tot Ion:128 Resp: 817114

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

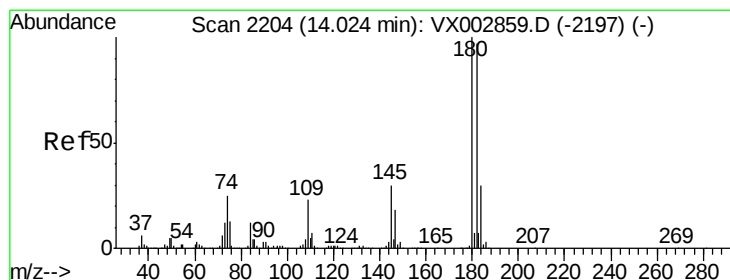
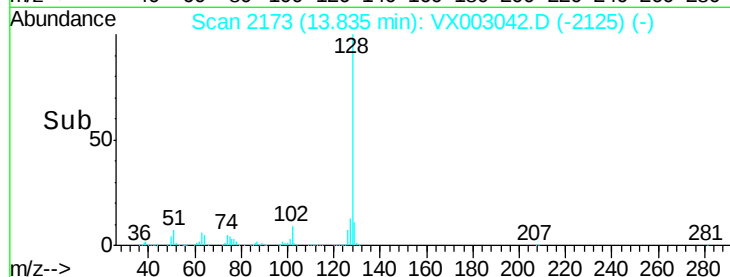
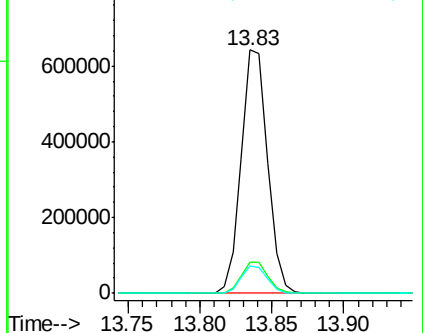
129 11.0 8.6 13.0



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: 49.56 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

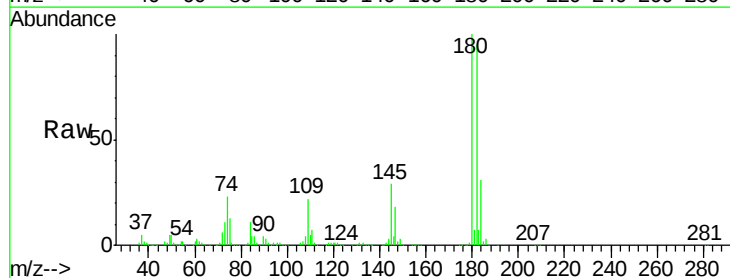
Tgt Ion:180 Resp: 285221

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

