

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003152.D
 Acq On : 03 Jul 2018 16:46
 Operator : JC/MD
 Sample : J3754-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:16:26 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	287020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	182447	45.99	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	5.51	113	151780	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	8.72	98	559242	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	199538	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148	Below Cal		94
3) Chloromethane	1.33	50	1348	Below Cal	#	77
5) Bromomethane	1.65	94	2549	Below Cal		86
6) Chloroethane	1.79	64	313	Below Cal	#	70
10) Methyl Iodide	2.52	142	4063	7.33	ug/l	# 98
11) Tert butyl alcohol	3.08	59	8008	10.13	ug/l	96
13) Acrolein	2.28	56	40	4.32	ug/l	# 14
14) Allyl chloride	2.84	41	101498	18.19	ug/l	# 62
16) Acetone	2.45	43	4350	2.65	ug/l	90
17) Carbon Disulfide	2.57	76	2099	0.28	ug/l	# 89
18) Methyl Acetate	2.84	43	242714	52.84	ug/l	# 55
20) Methylene Chloride	2.85	84	2669	0.83	ug/l	# 1
25) 2-Butanone	4.55	43	9700	3.98	ug/l	# 52
31) Cyclohexane	5.73	56	63188	12.70	ug/l	# 23
36) 1,1-Dichloropropene	5.66	75	18332	4.18	ug/l	# 41
38) Carbon Tetrachloride	5.67	117	24847	5.17	ug/l	# 15
39) Methylcyclohexane	7.45	83	3328	0.65	ug/l	# 64
40) Benzene	6.15	78	72813	5.72	ug/l	97
43) Isopropyl Acetate	6.35	43	33654	4.25	ug/l	# 63
51) 4-Methyl-2-Pentanone	8.72	43	2977	0.60	ug/l	# 1
55) 1,1,2-Trichloroethane	9.17	97	4466	1.33	ug/l	# 19
56) Ethyl methacrylate	9.17	69	1342	0.27	ug/l	# 25
58) 2-Chloroethyl Vinyl ether	8.18	63	866	0.37	ug/l	# 48
59) 2-Hexanone	9.52	43	4859	1.29	ug/l	90
67) Ethyl Benzene	10.26	91	106379	6.78	ug/l	99
68) m/p-Xylenes	10.37	106	6535	1.08	ug/l	96
73) Isopropylbenzene	11.02	105	30301	2.08	ug/l	97
74) N-amyl acetate	6.35	43	33654	4.73	ug/l	# 59
76) 1,2,3-Trichloropropane	11.14	75	101753	26.00	ug/l	# 33
78) n-propylbenzene	11.37	91	32145	1.94	ug/l	98
79) 2-Chlorotoluene	11.37	91	32145	3.21	ug/l	# 40
80) 1,3,5-Trimethylbenzene	11.51	105	7277	0.59	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	101753	73.72	ug/l	# 7
83) tert-Butylbenzene	11.77	119	3028	0.25	ug/l	89

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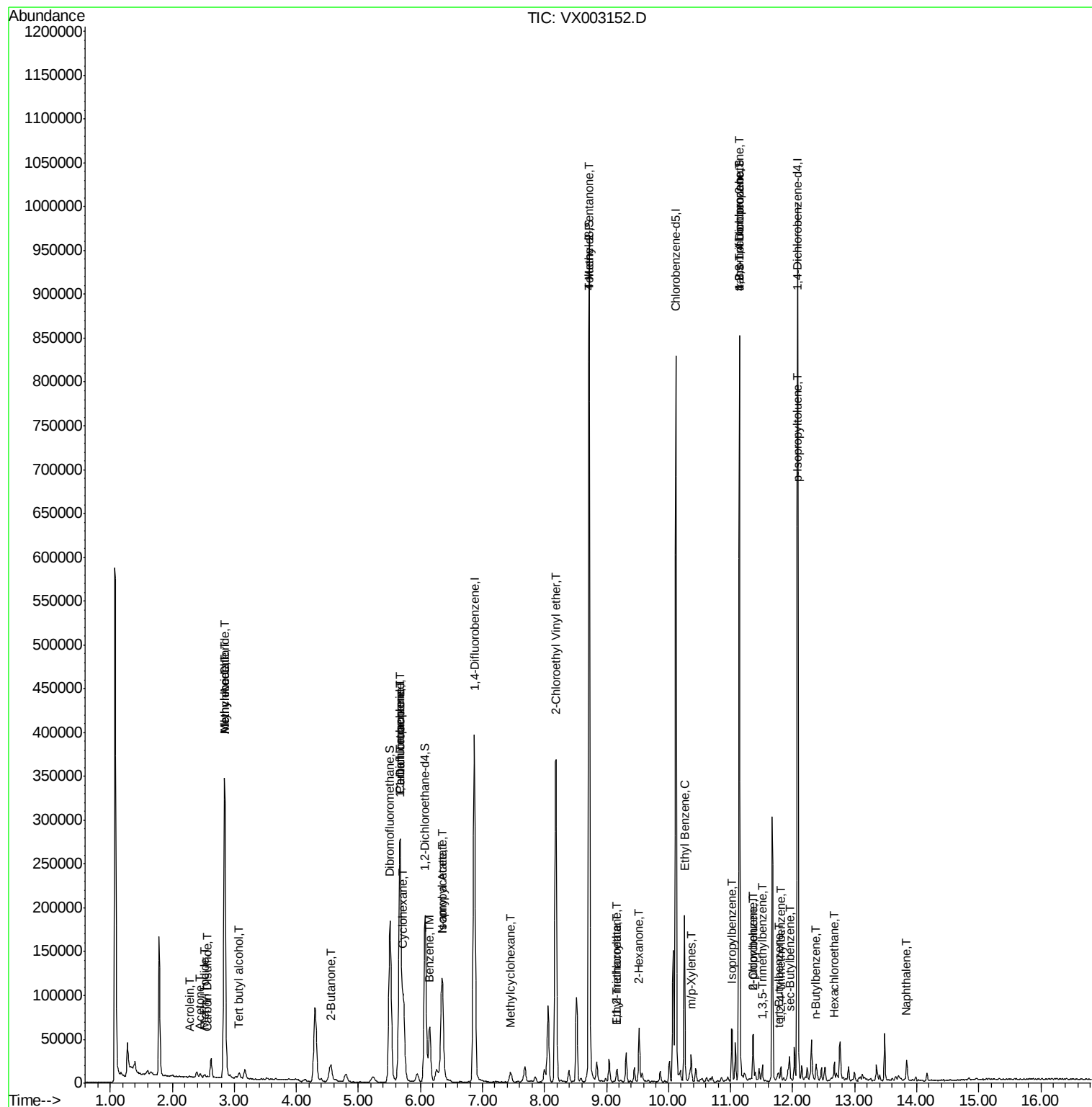
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	6376	0.50	ug/l	99
85) sec-Butylbenzene	11.95	105	13093	0.89	ug/l	79
86) p-Isopropyltoluene	12.07	119	11675	0.89	ug/l	93
89) n-Butylbenzene	12.38	91	3354	0.29	ug/l #	44
90) Hexachloroethane	12.67	117	1035	0.53	ug/l #	1
95) Naphthalene	13.83	128	14288	0.97	ug/l #	96

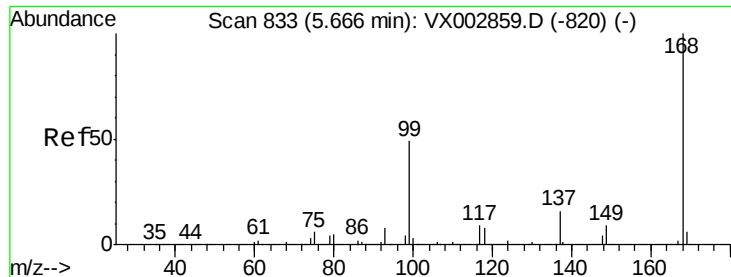
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

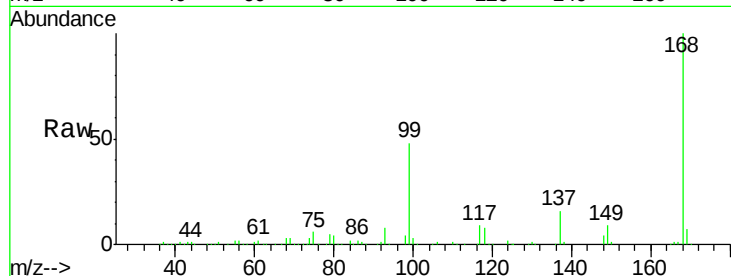
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 287020

Ion Ratio Lower Upper

168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

5.67

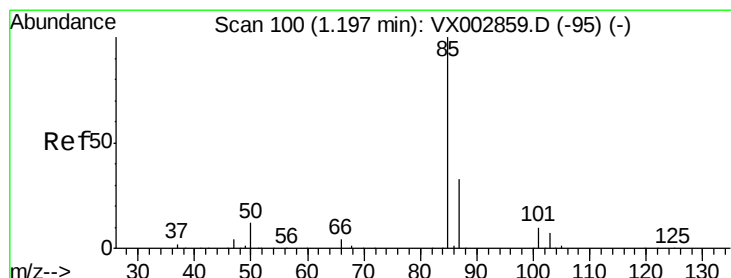
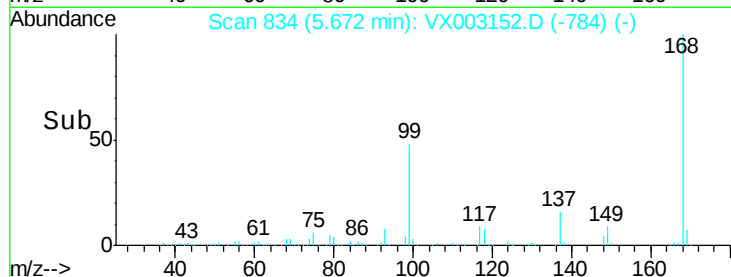
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003152.D

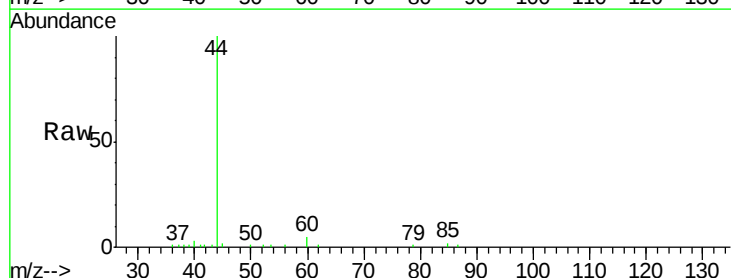
Acq: 03 Jul 2018 16:46

Tgt Ion: 85 Resp: 148

Ion Ratio Lower Upper

85 100

87 35.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200

150

100

50

0

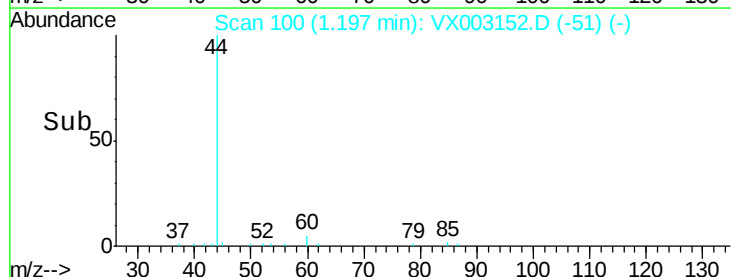
1.20

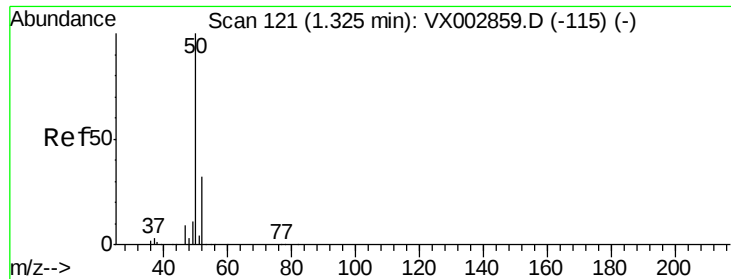
1.18

1.20

1.22

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

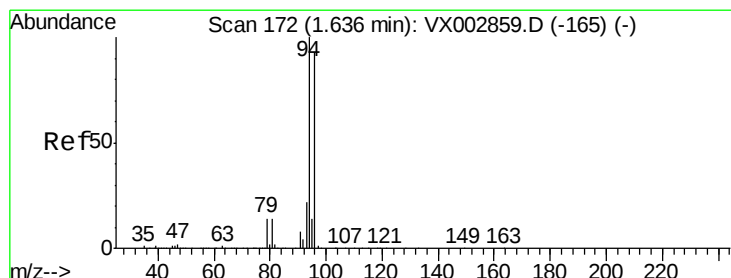
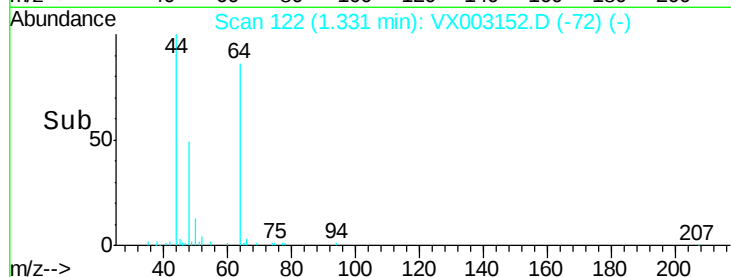
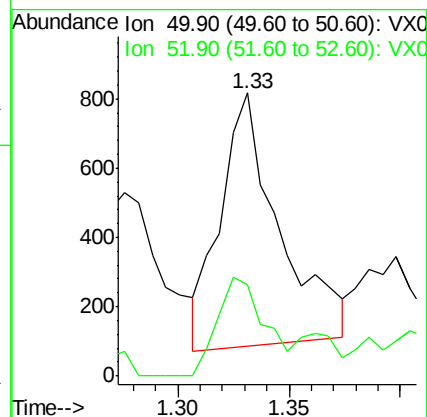
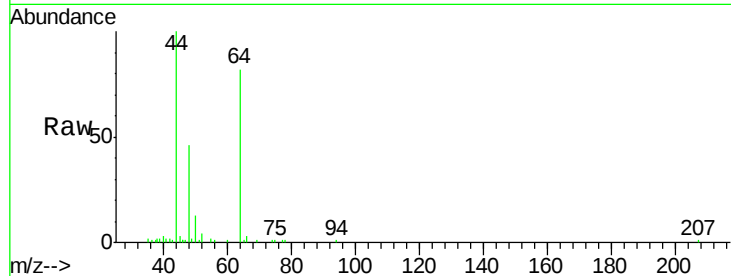
ClientSampled :

Tot Ion: 50 Resp: 1348

Ion Ratio Lower Upper

50 100

52 44.7 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003152.D

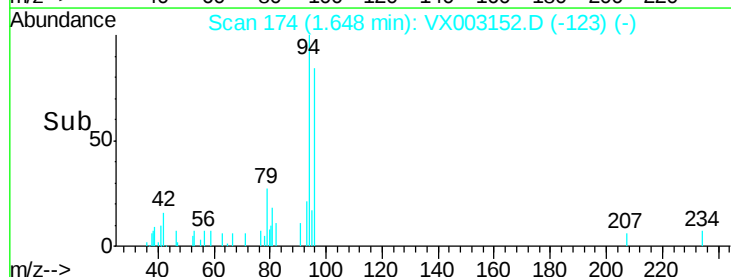
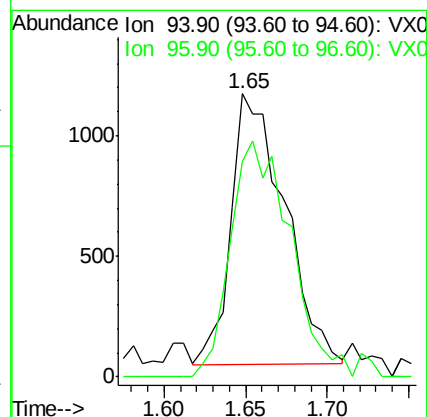
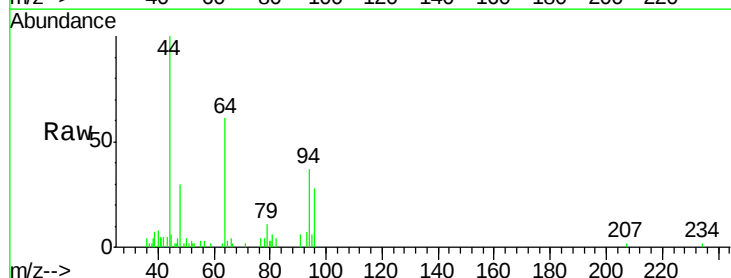
Acq: 03 Jul 2018 16:46

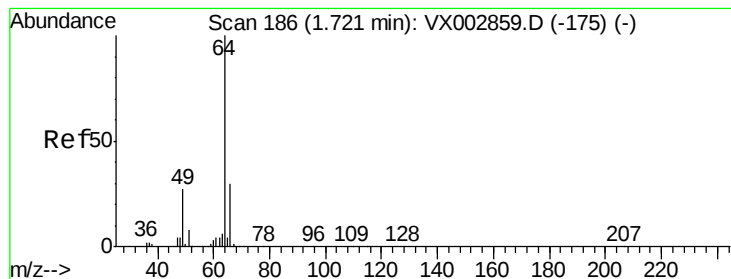
Tgt Ion: 94 Resp: 2549

Ion Ratio Lower Upper

94 100

96 80.0 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.79 min Scan# 197

Delta R.T. 0.07 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

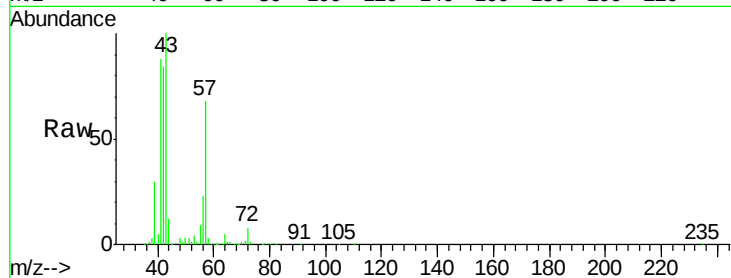
ClientSampleId :

Tot Ion: 64 Resp: 313

Ion Ratio Lower Upper

64 100

66 15.1 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.79

2000

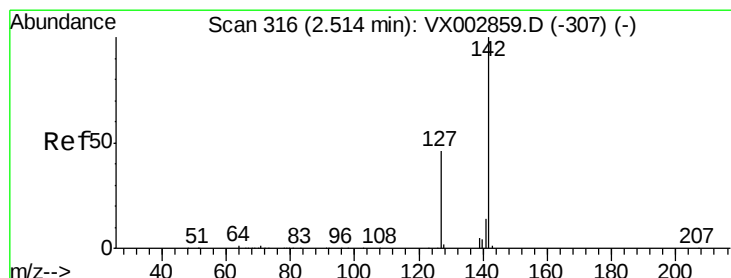
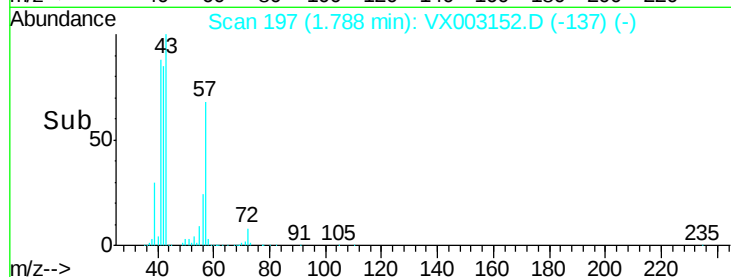
1500

1000

500

0

Time-->



#10

Methyl Iodide

Concen: 7.33 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

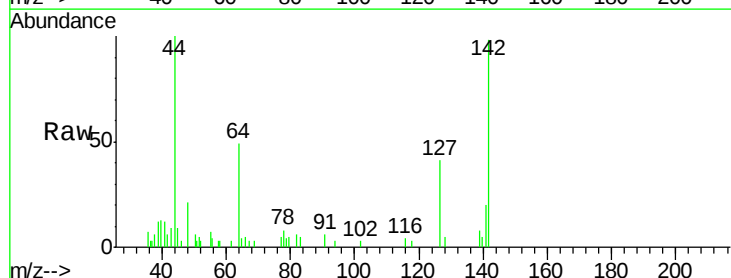
Tgt Ion: 142 Resp: 4063

Ion Ratio Lower Upper

142 100

127 45.7 36.6 55.0

141 17.4 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

2500

2000

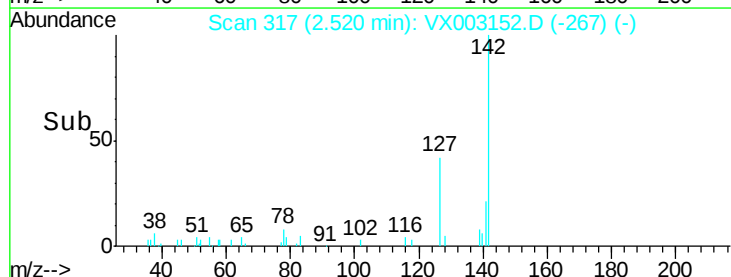
1500

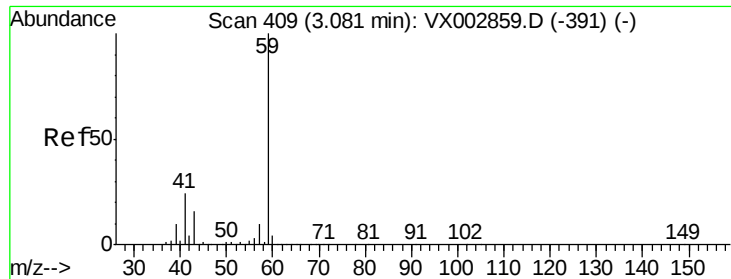
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 10.13 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

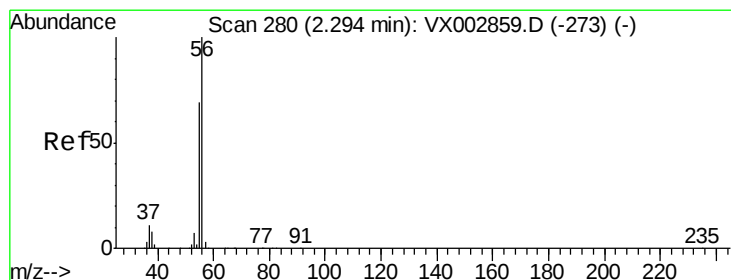
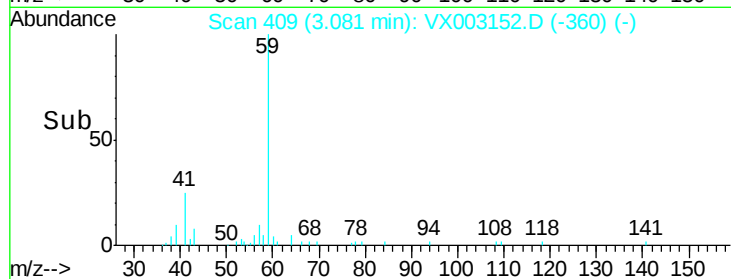
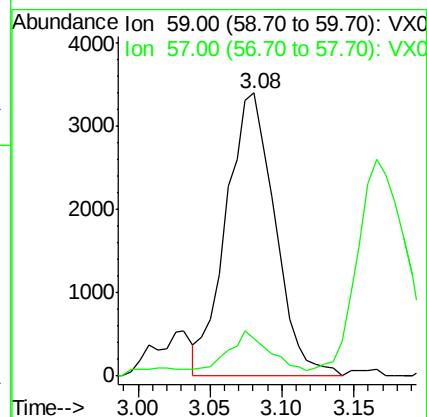
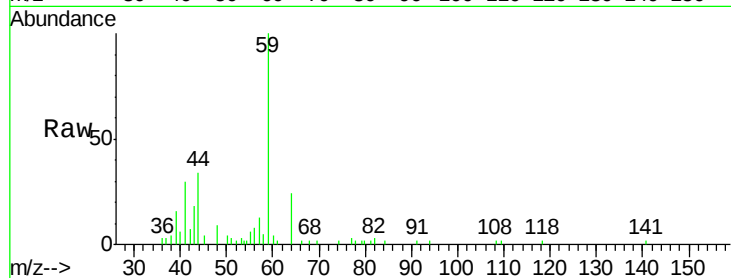
ClientSampleId :

Tot Ion: 59 Resp: 8008

Ion Ratio Lower Upper

59 100

57 11.6 8.2 12.2



#13

Acrolein

Concen: 4.32 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX003152.D

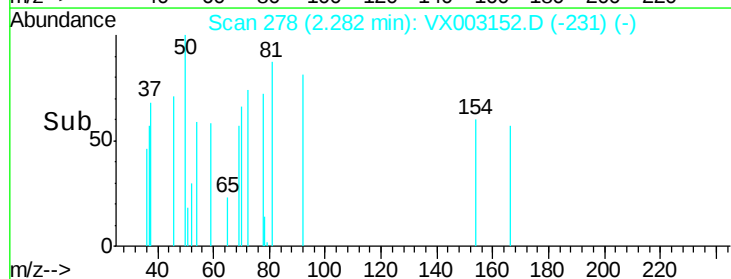
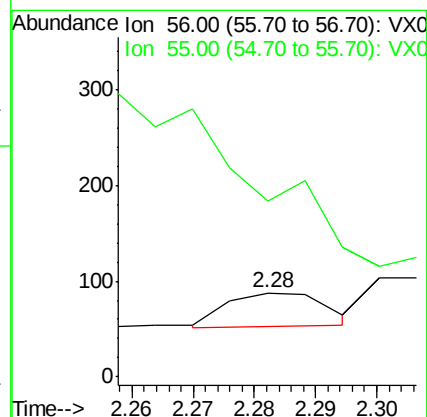
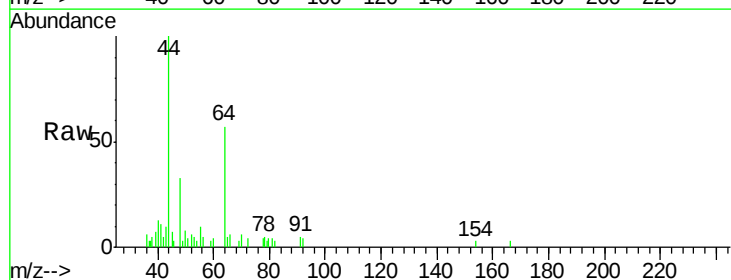
Acq: 03 Jul 2018 16:46

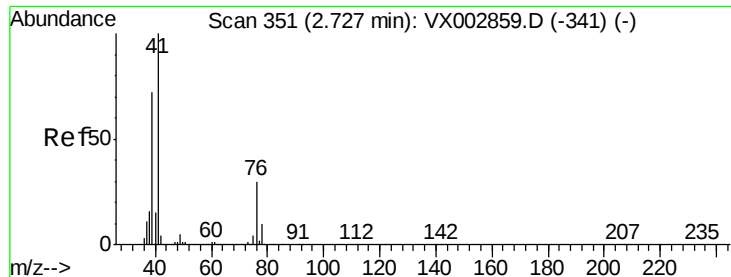
Tgt Ion: 56 Resp: 40

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#





#14

Allvl chloride

Concen: 18.19 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

ClientSampled :

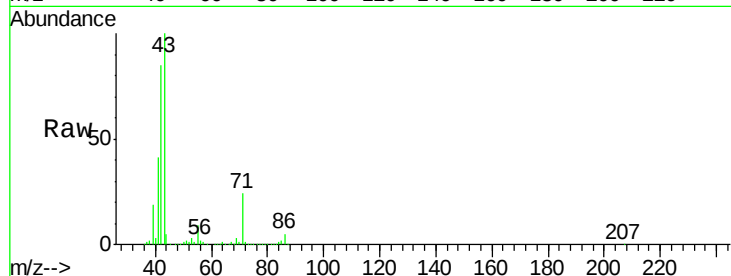
Tot Ion: 41 Resp: 101498

Ion Ratio Lower Upper

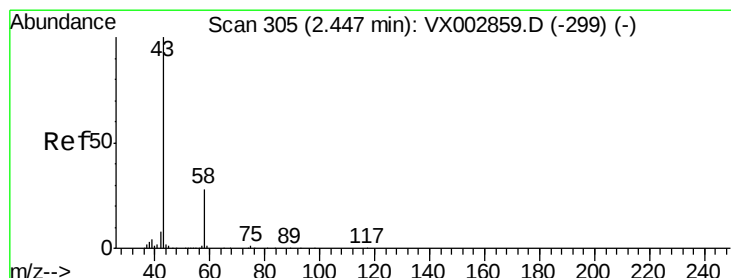
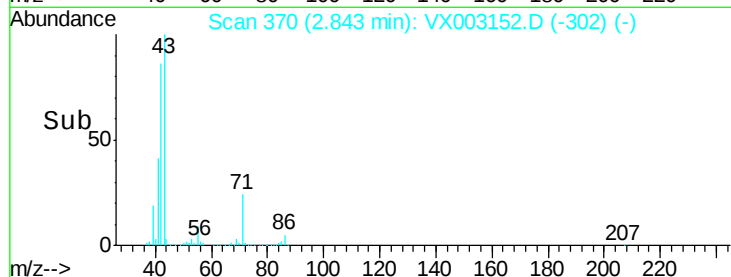
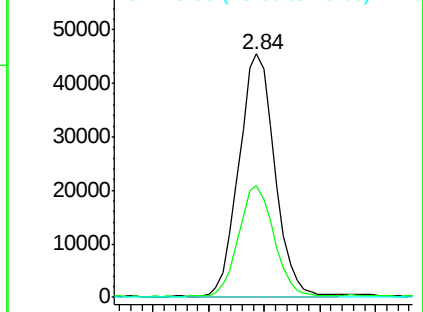
41 100

39 45.1 56.8 85.2#

76 0.0 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 2.65 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003152.D

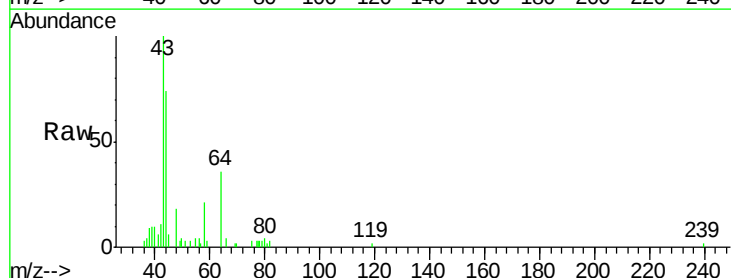
Acq: 03 Jul 2018 16:46

Tgt Ion: 43 Resp: 4350

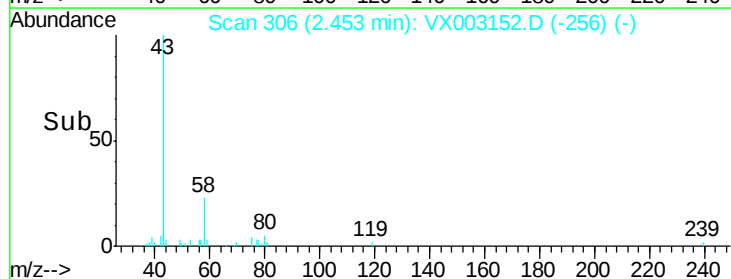
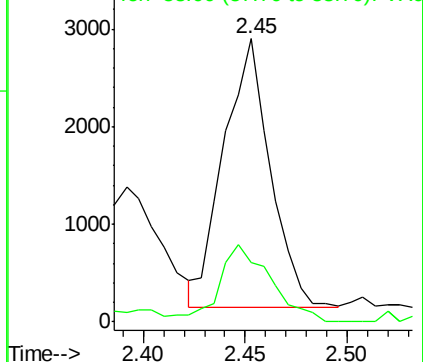
Ion Ratio Lower Upper

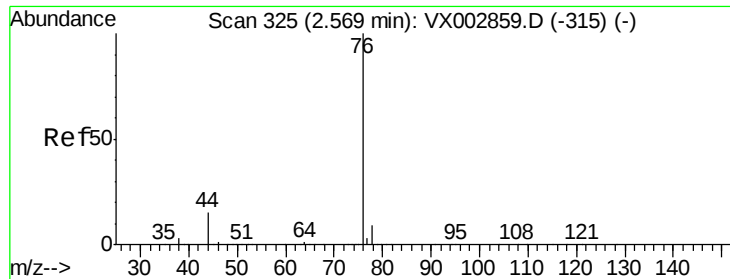
43 100

58 22.3 22.1 33.1



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

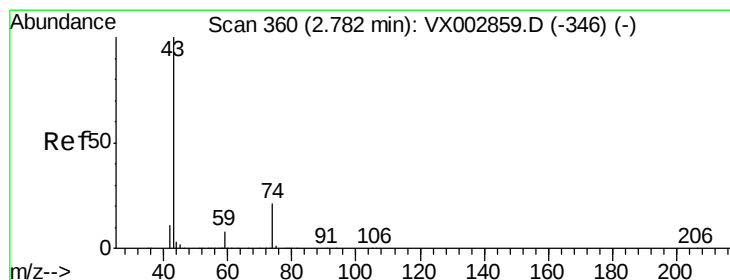
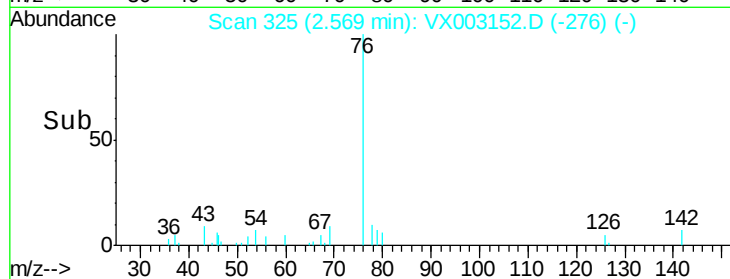
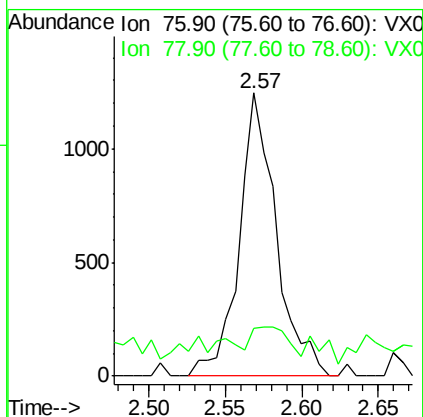
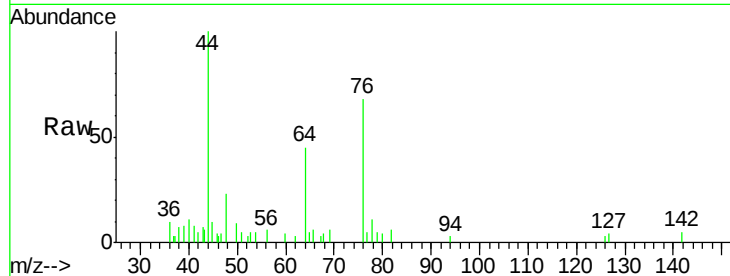




#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

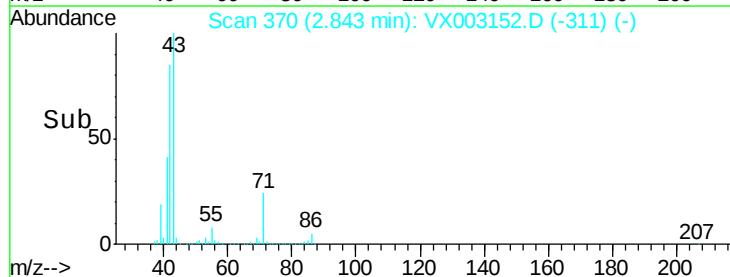
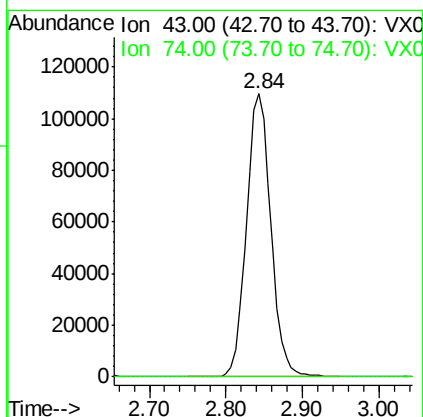
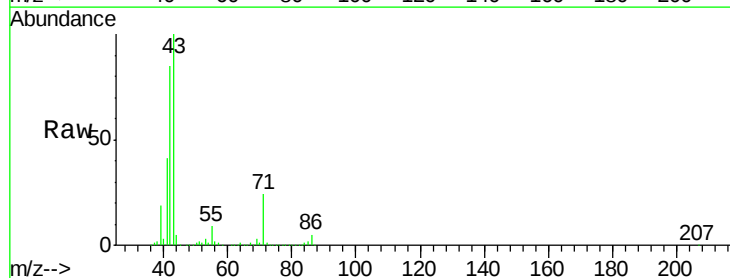
Instrument :
MSVOA_X
ClientSampled :

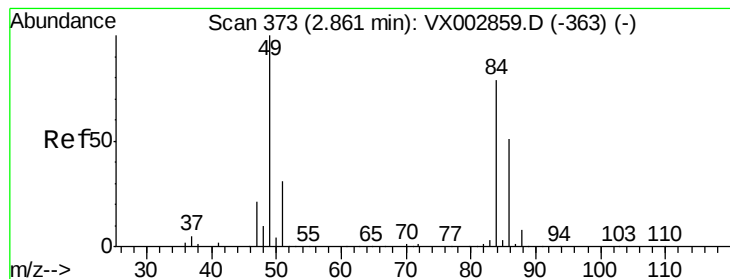
Tot Ion: 76 Resp: 2099
Ion Ratio Lower Upper
76 100
78 12.4 6.9 10.3#



#18
Methyl Acetate
Concen: 52.84 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 43 Resp: 242714
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#





#20

Methylene Chloride

Concen: 0.83 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 2669

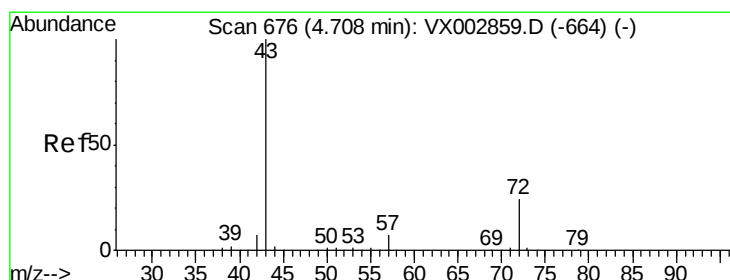
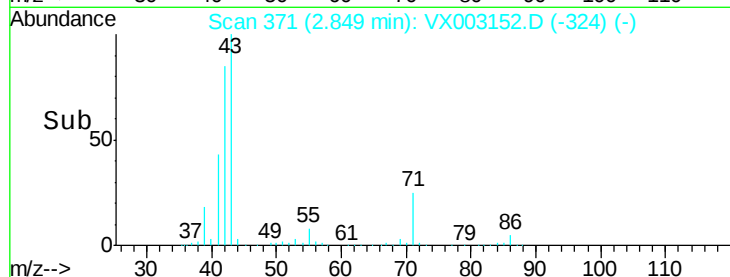
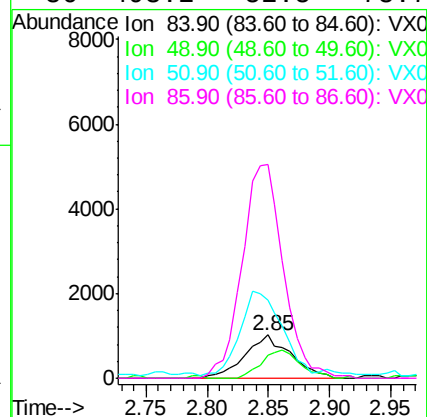
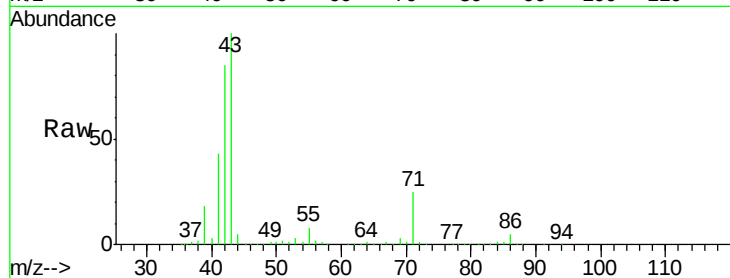
Ion	Ratio	Lower	Upper
84	100		
49	54.4	107.8	161.6#
51	169.4	32.8	49.2#
86	493.2	52.5	78.7#

84 100

49 54.4 107.8 161.6#

51 169.4 32.8 49.2#

86 493.2 52.5 78.7#



#25

2-Butanone

Concen: 3.98 ug/l

RT: 4.55 min Scan# 650

Delta R.T. -0.16 min

Lab File: VX003152.D

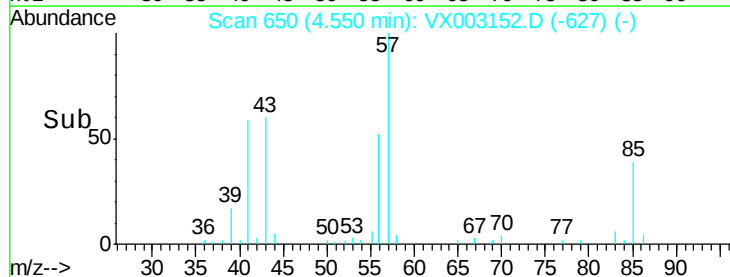
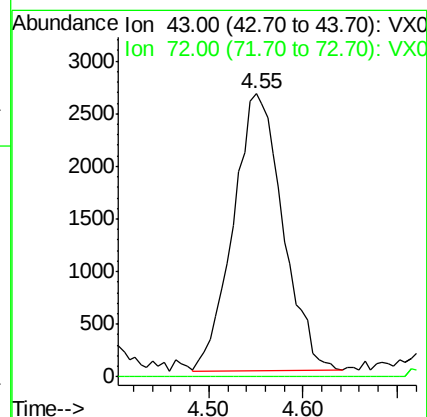
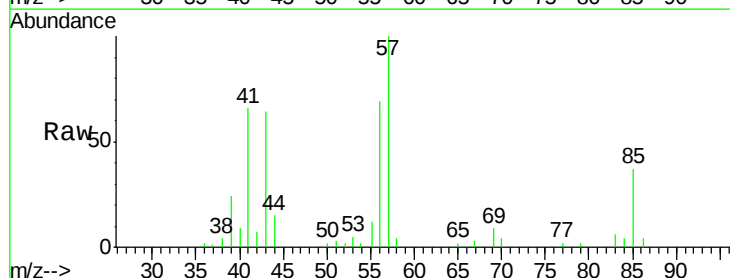
Acq: 03 Jul 2018 16:46

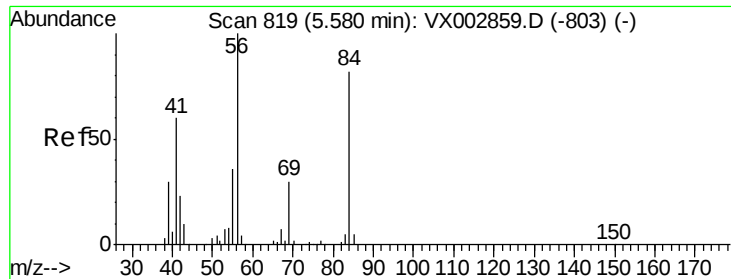
Tgt Ion: 43 Resp: 9700

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#

43 100

72 0.0 18.5 27.7#

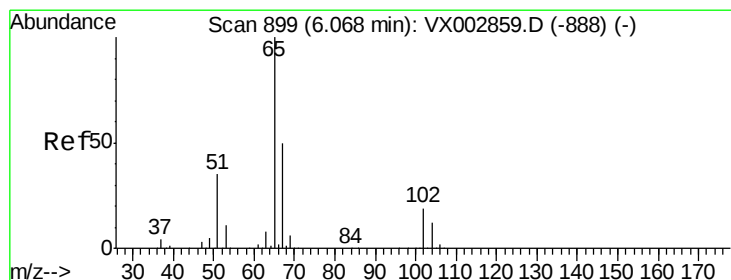
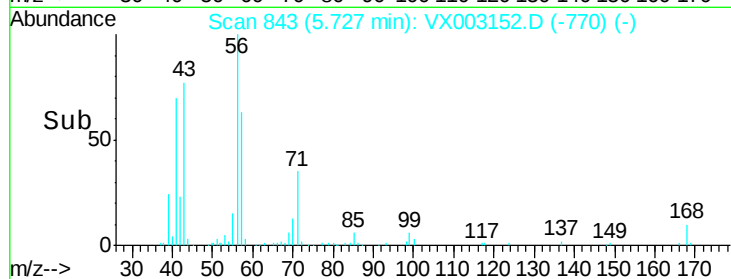
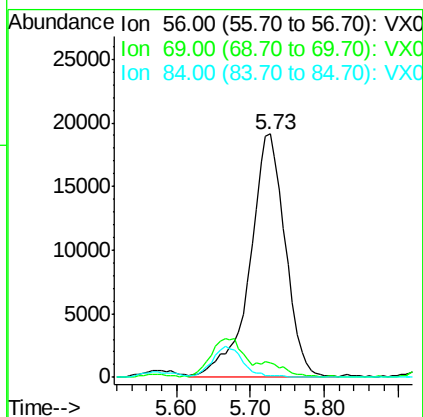
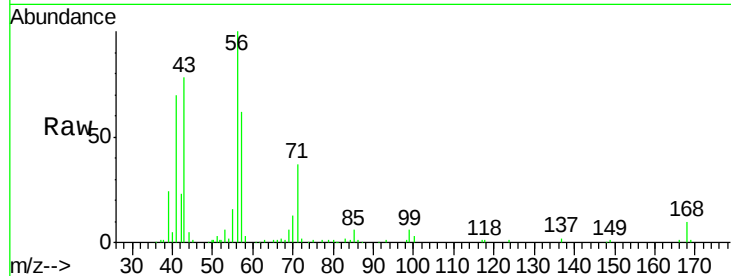




#31
Cyclohexane
Concen: 12.70 ug/l
RT: 5.73 min Scan# 843
Delta R.T. 0.15 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

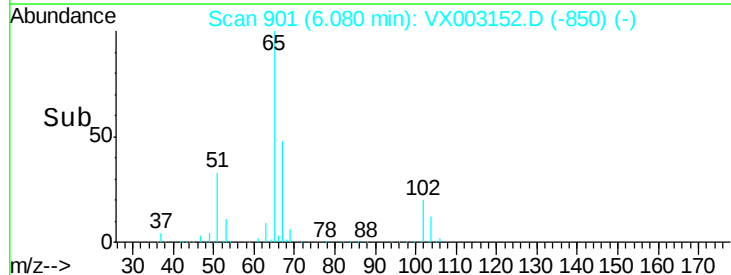
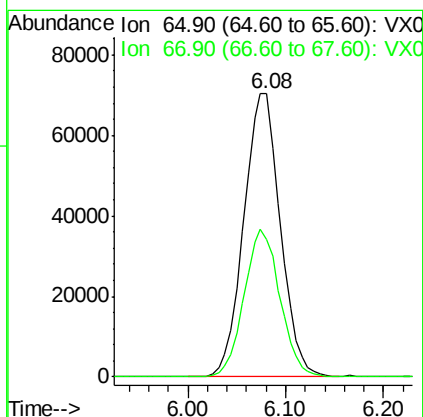
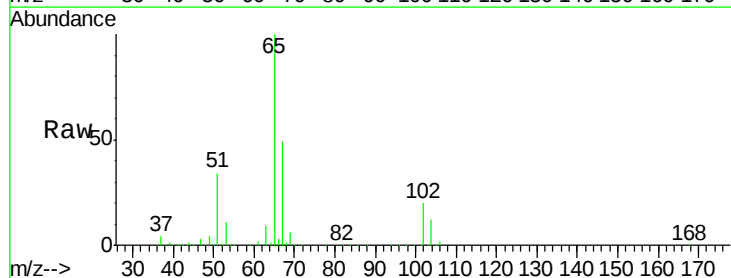
Instrument :
MSVOA_X
ClientSampled :

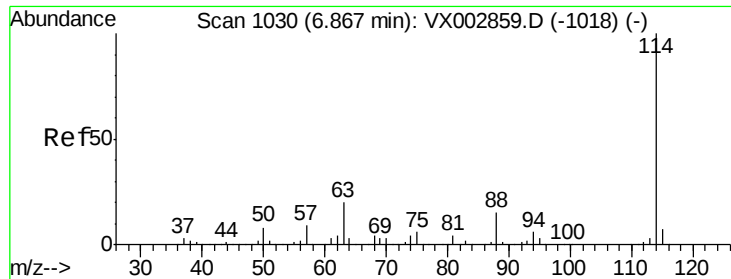
Tot Ion: 56 Resp: 63188
Ion Ratio Lower Upper
56 100
69 6.2 23.7 35.5#
84 0.6 64.1 96.1#



#33
1,2-Dichloroethane-d4
Concen: 45.99 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 65 Resp: 182447
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

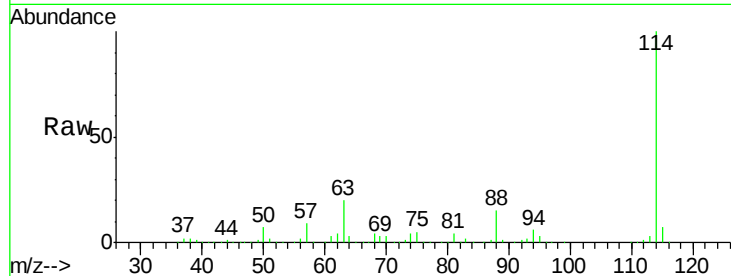
Tot Ion:114 Resp: 399728

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

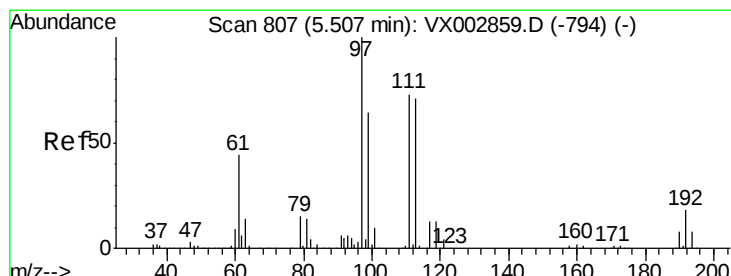
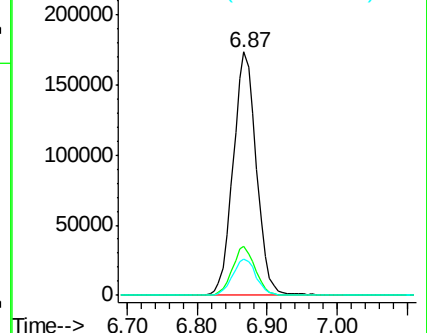
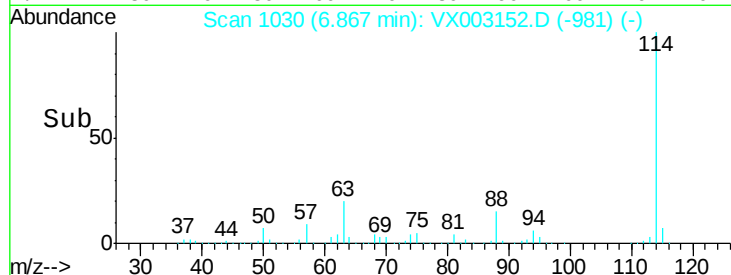
88 15.1 0.0 30.0



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: 47.95 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

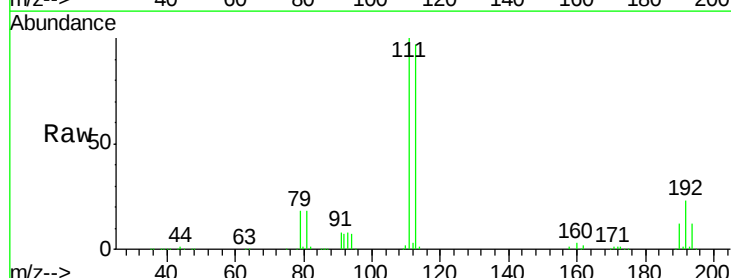
Tgt Ion:113 Resp: 151780

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

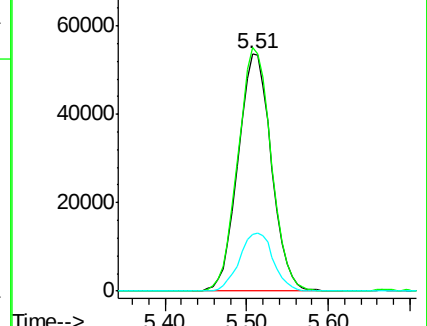
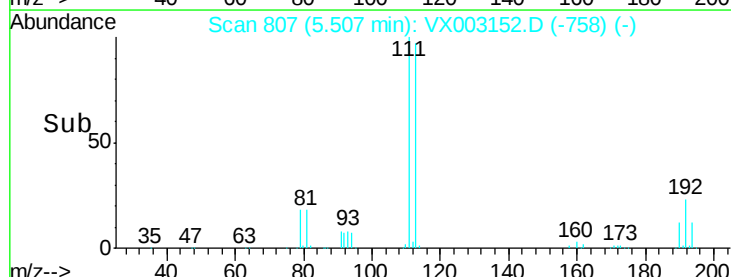
192 25.0 19.1 28.7

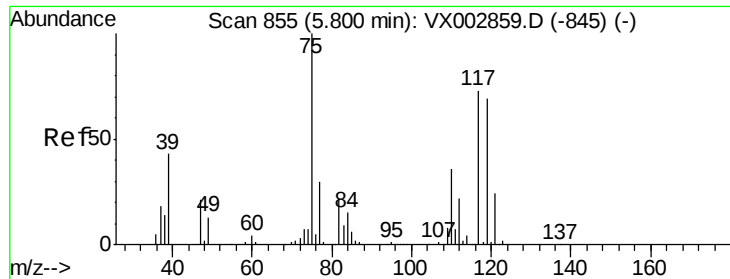


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

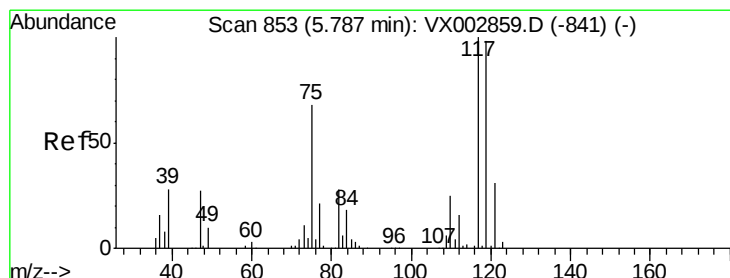
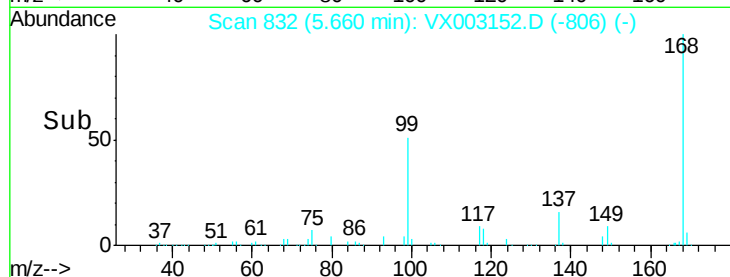
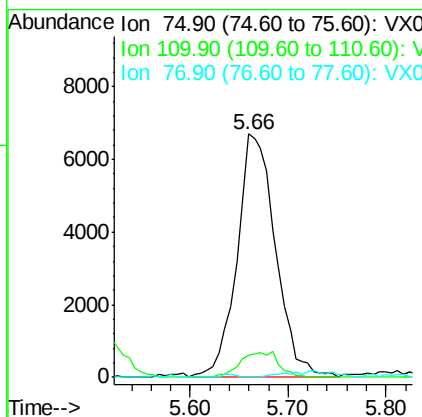
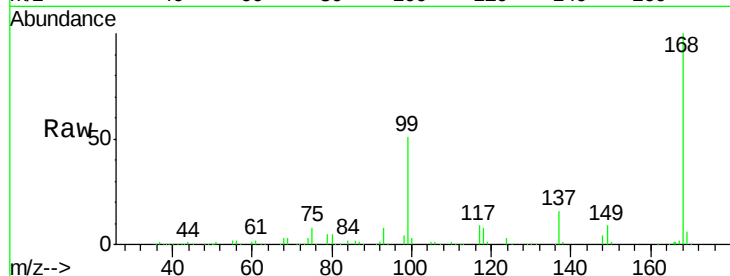




#36
 1,1-Dichloropropene
 Concen: 4.18 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003152.D
 Acq: 03 Jul 2018 16:46

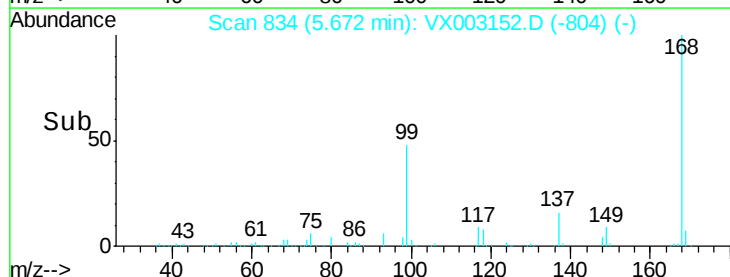
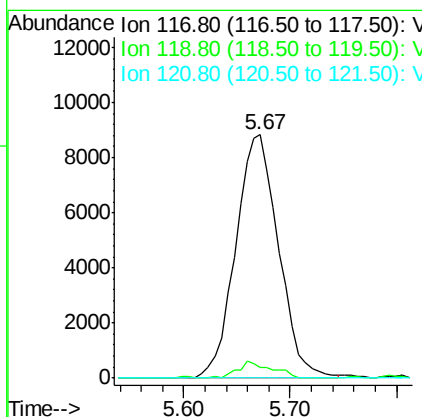
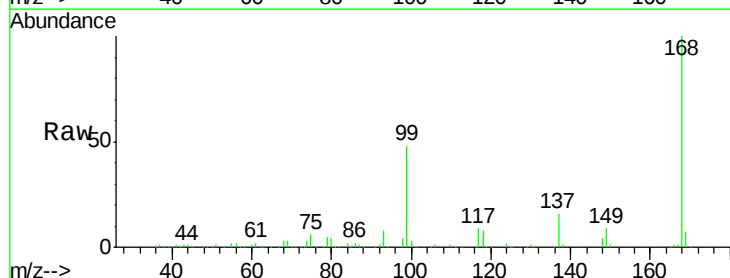
Instrument :
 MSVOA_X
 ClientSampleId :

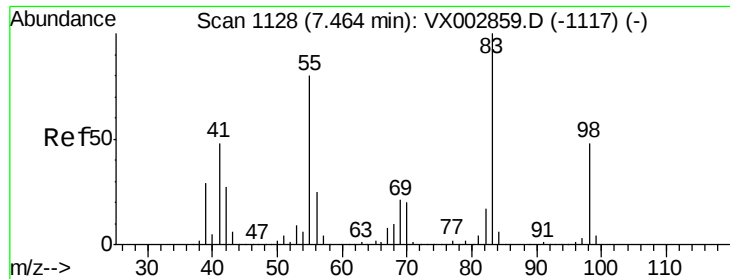
Tot Ion: 75 Resp: 18332
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.4#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.17 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX003152.D
 Acq: 03 Jul 2018 16:46

Tgt Ion: 117 Resp: 24847
 Ion Ratio Lower Upper
 117 100
 119 4.4 77.4 116.0#
 121 0.0 24.4 36.6#

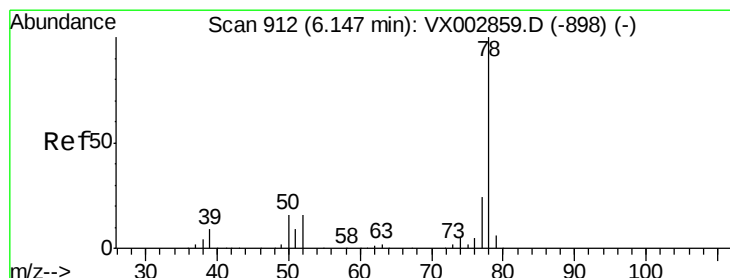
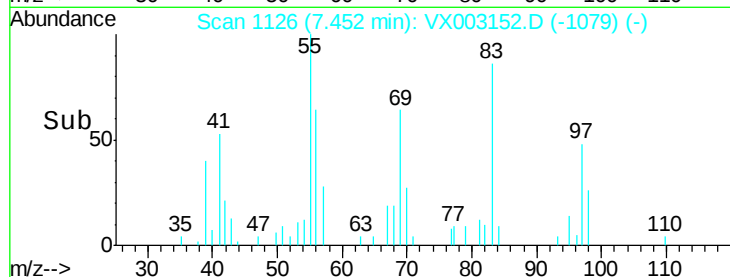
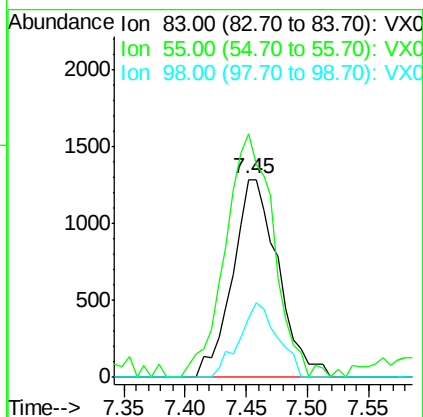
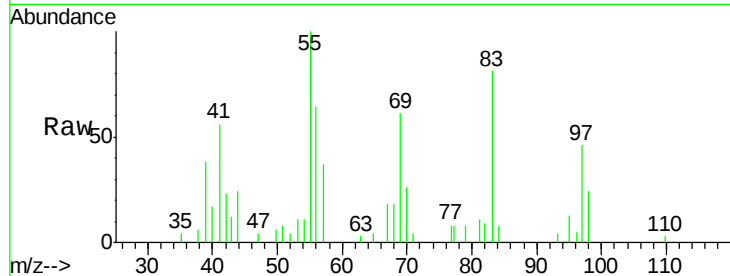




#39
Methvlcvclohexane
Concen: 0.65 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

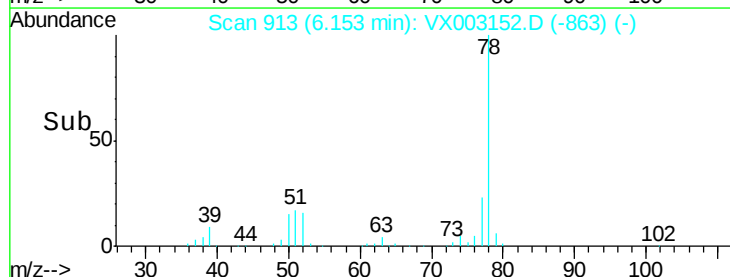
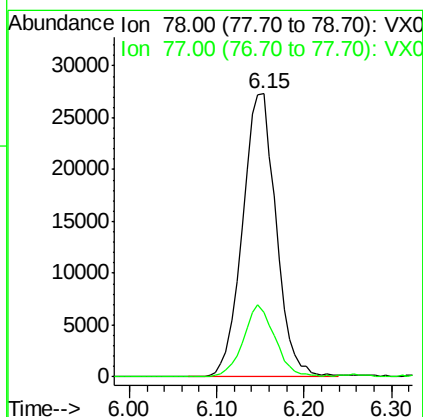
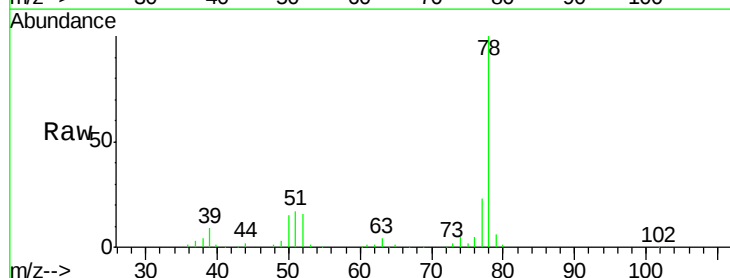
Instrument :
MSVOA_X
ClientSampleId :

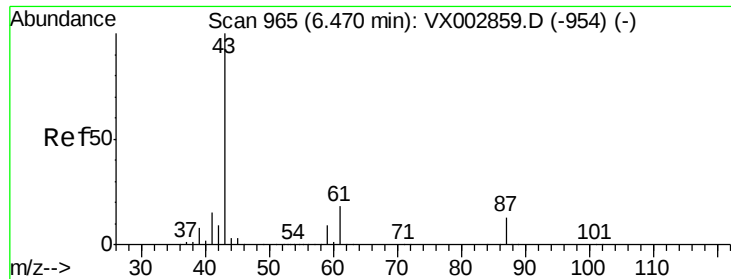
Tot Ion: 83 Resp: 3328
Ion Ratio Lower Upper
83 100
55 119.0 65.4 98.0#
98 30.0 37.4 56.0#



#40
Benzene
Concen: 5.72 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 78 Resp: 72813
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7





#43

Isopropyl Acetate

Concen: 4.25 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

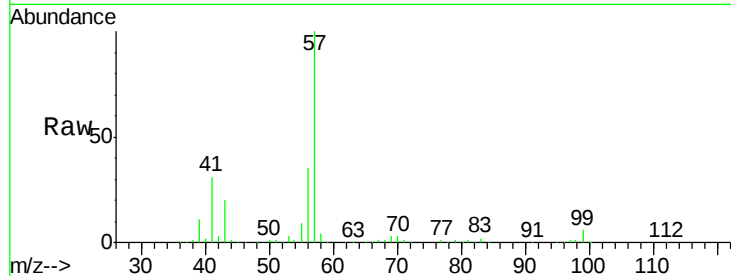
Tot Ion: 43 Resp: 33654

Ion Ratio Lower Upper

43 100

61 0.1 14.4 21.6#

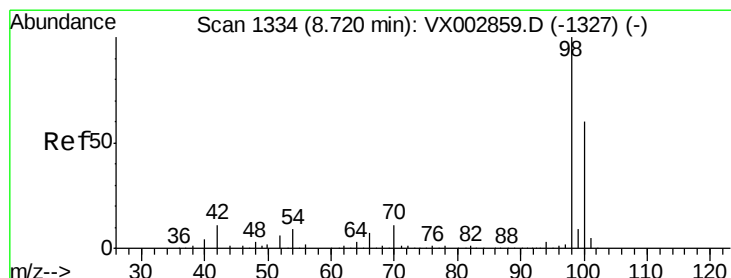
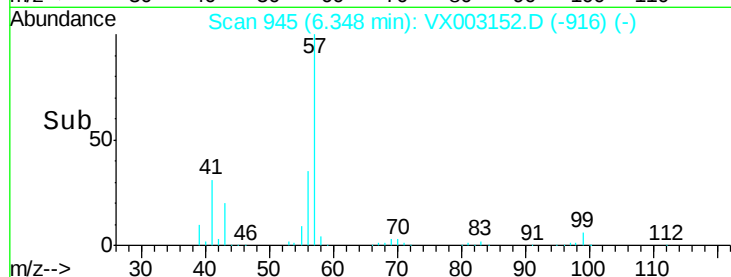
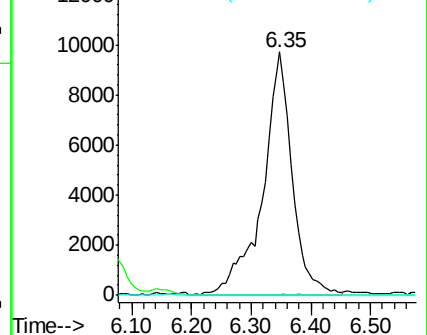
87 0.0 9.5 14.3#



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



#50

Toluene-d8

Concen: 48.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003152.D

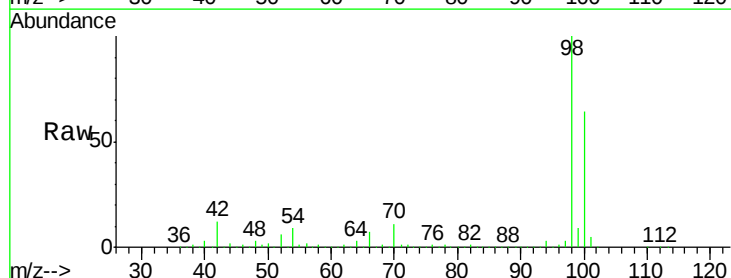
Acq: 03 Jul 2018 16:46

Tgt Ion: 98 Resp: 559242

Ion Ratio Lower Upper

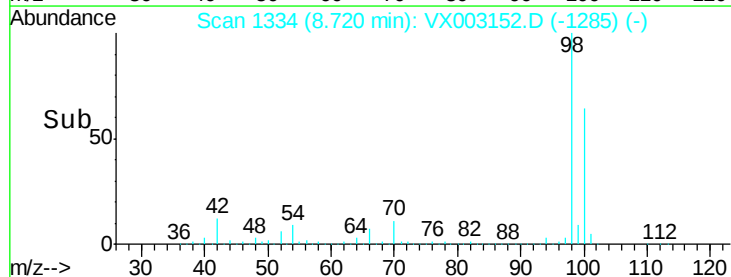
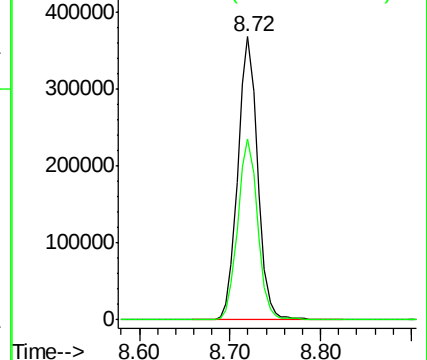
98 100

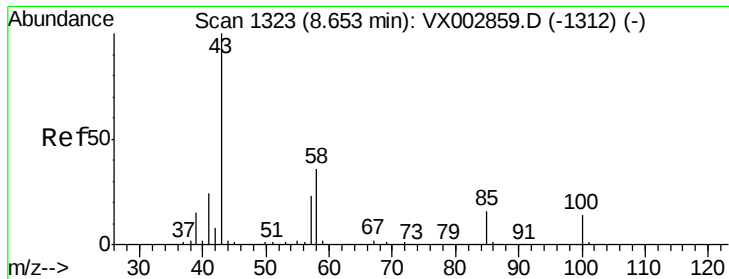
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

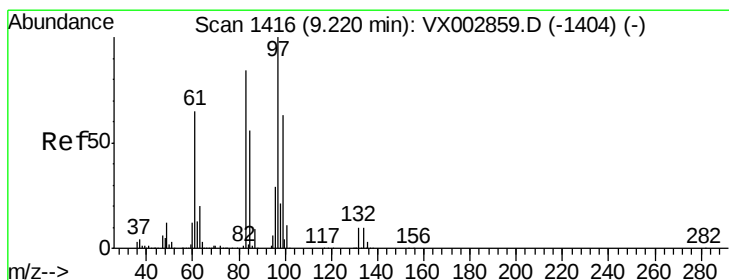
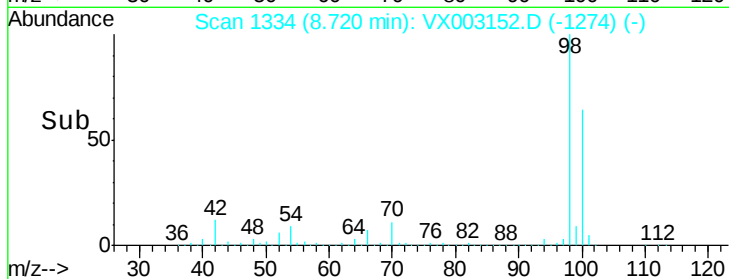
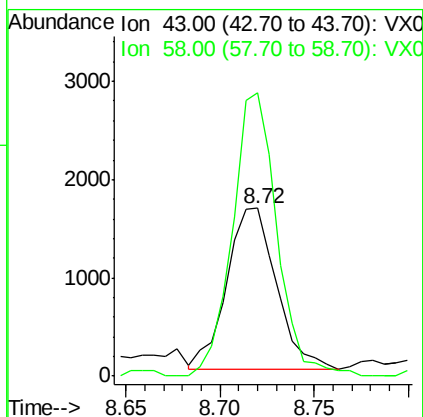
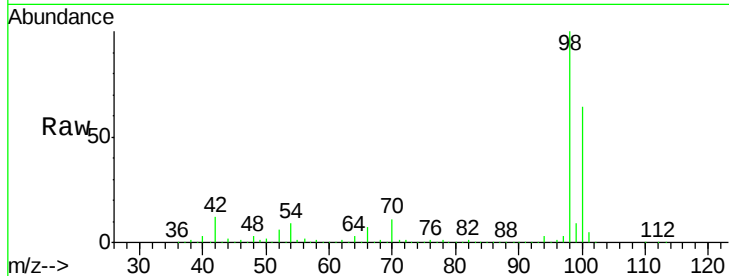




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.07 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

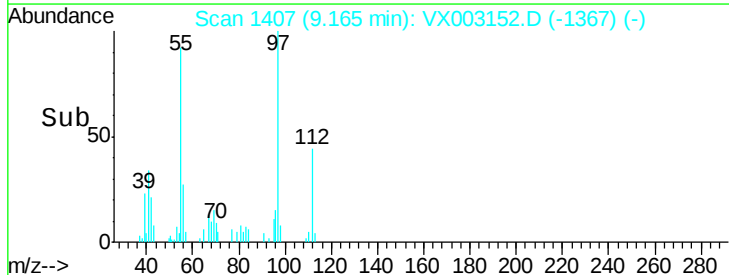
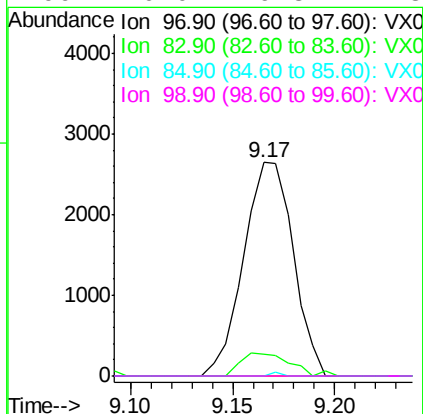
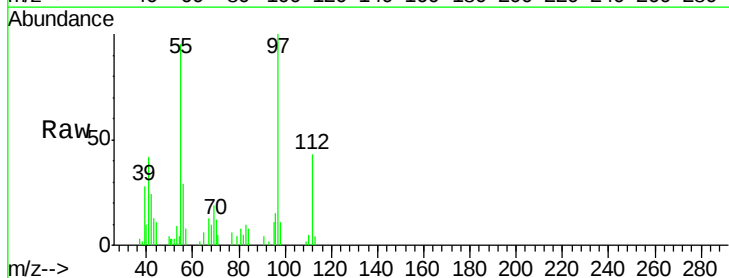
Instrument :
MSVOA_X
ClientSampleId :

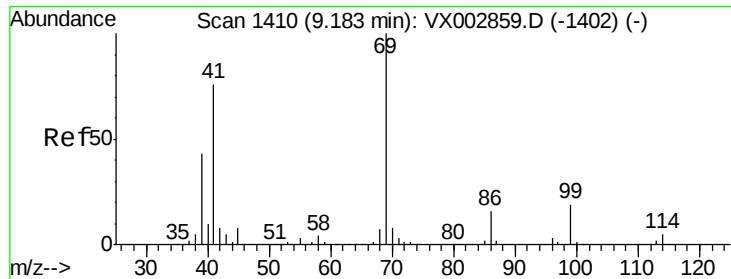
Tot Ion: 43 Resp: 2977
Ion Ratio Lower Upper
43 100
58 159.0 28.6 42.8#



#55
1,1,2-Trichloroethane
Concen: 1.33 ug/l
RT: 9.17 min Scan# 1407
Delta R.T. -0.05 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 97 Resp: 4466
Ion Ratio Lower Upper
97 100
83 10.5 70.2 105.2#
85 0.0 44.9 67.3#
99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 0.27 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampled :

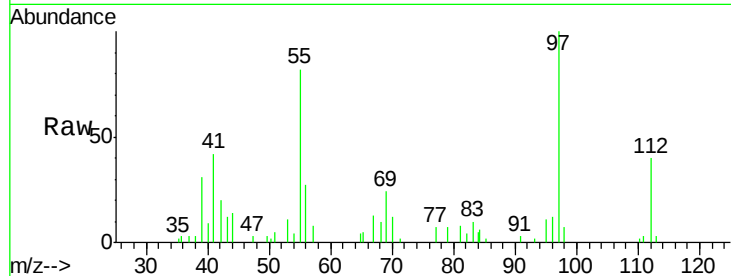
Tot Ion: 69 Resp: 1342

Ion Ratio Lower Upper

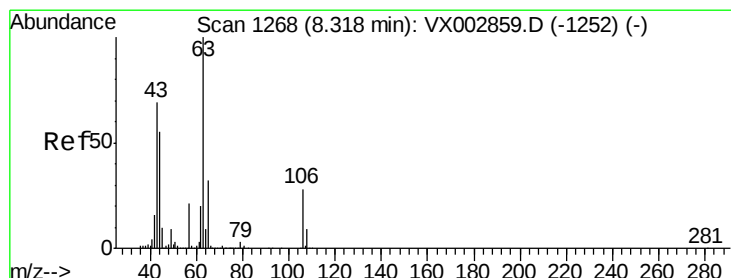
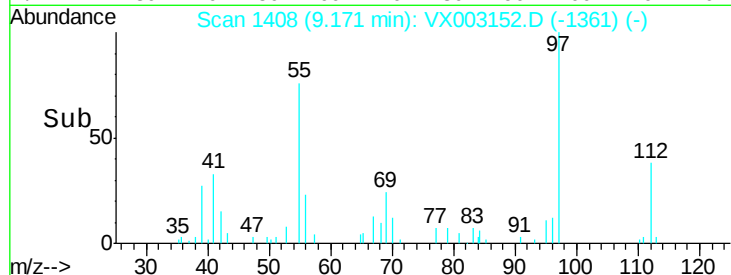
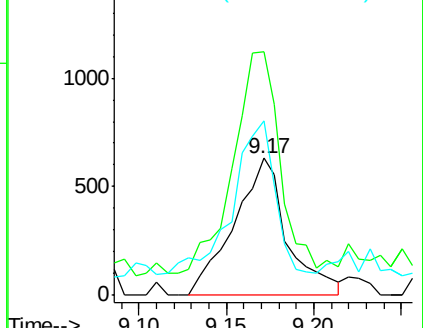
69 100

41 143.2 60.3 90.5#

39 89.6 35.8 53.8#



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



#58

2-Chloroethyl Vinyl ether

Concen: 0.37 ug/l

RT: 8.18 min Scan# 1246

Delta R.T. -0.13 min

Lab File: VX003152.D

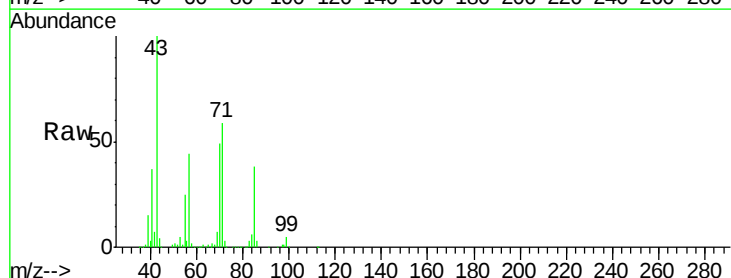
Acq: 03 Jul 2018 16:46

Tgt Ion: 63 Resp: 866

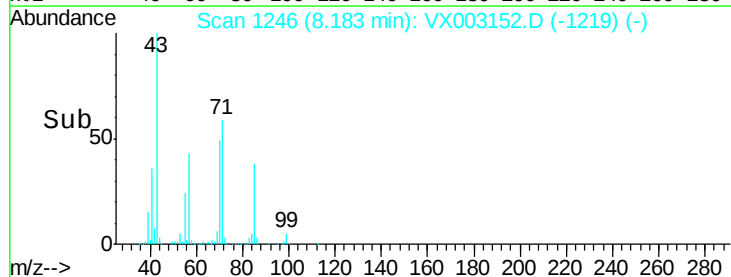
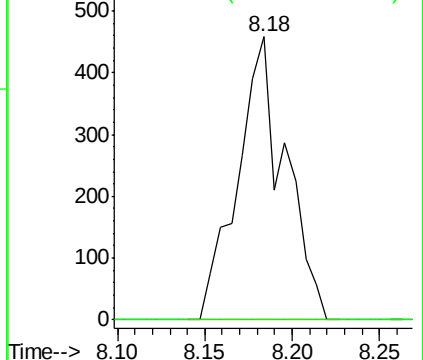
Ion Ratio Lower Upper

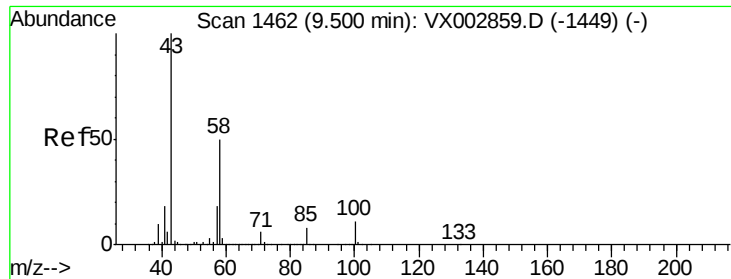
63 100

106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

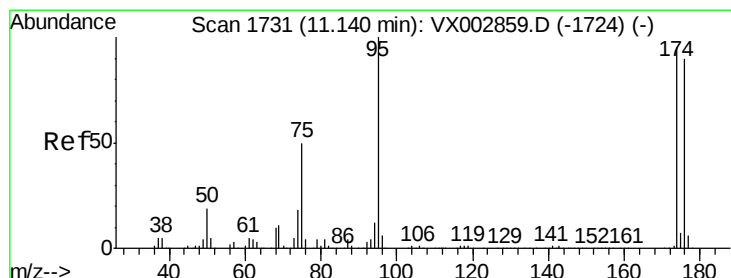
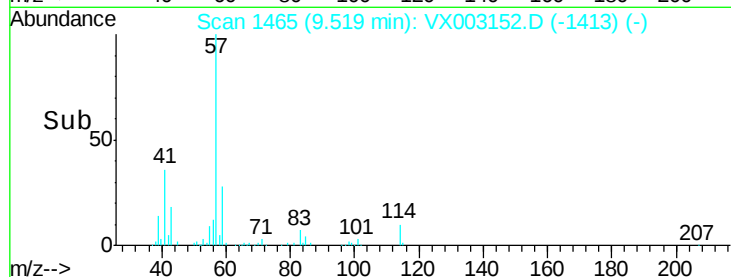
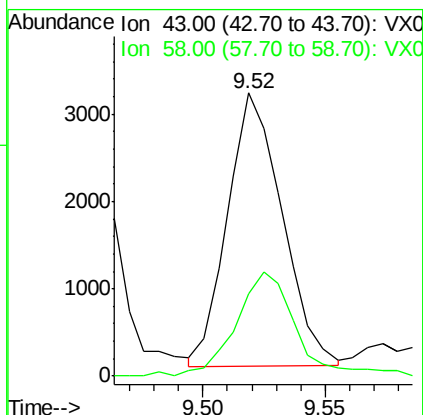
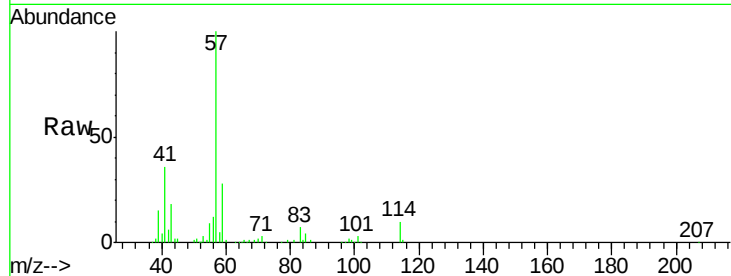




#59
2-Hexanone
Concen: 1.29 ug/l
RT: 9.52 min Scan# 1465
Delta R.T. 0.02 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

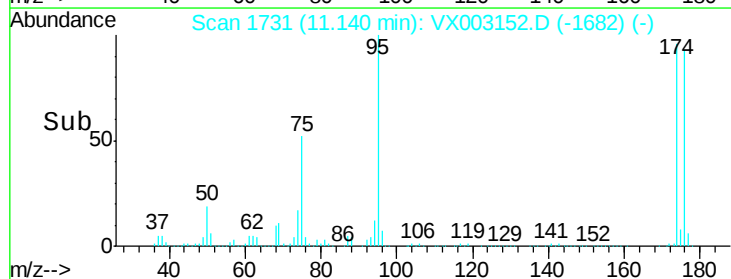
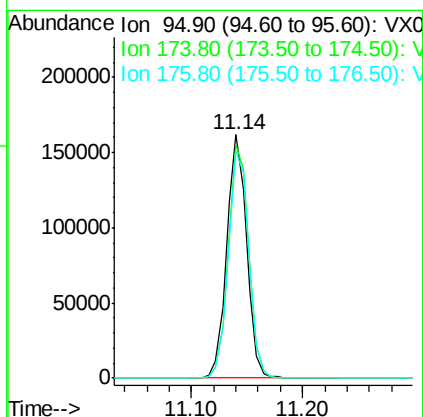
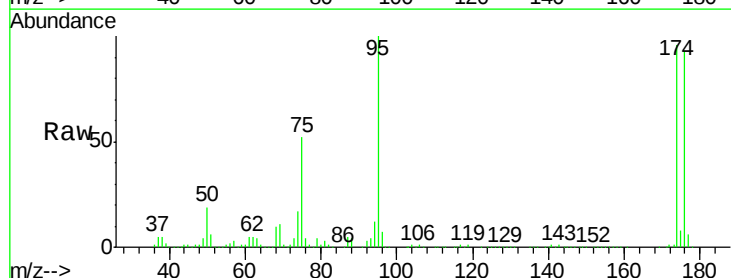
Instrument :
MSVOA_X
ClientSampleId :

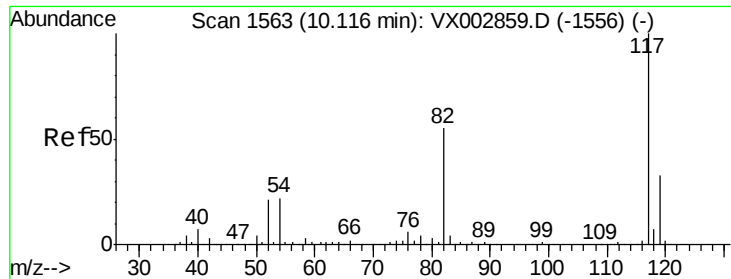
Tot Ion: 43 Resp: 4859
Ion Ratio Lower Upper
43 100
58 42.3 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 95 Resp: 199538
Ion Ratio Lower Upper
95 100
174 98.3 0.0 187.4
176 95.9 0.0 181.0

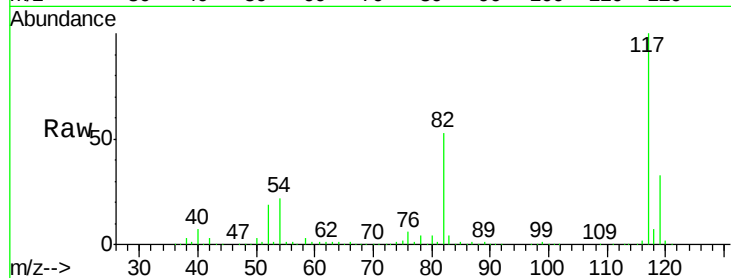




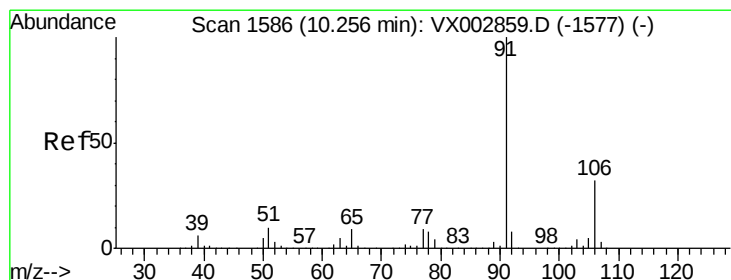
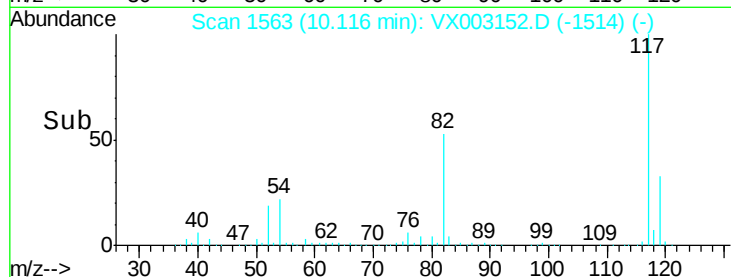
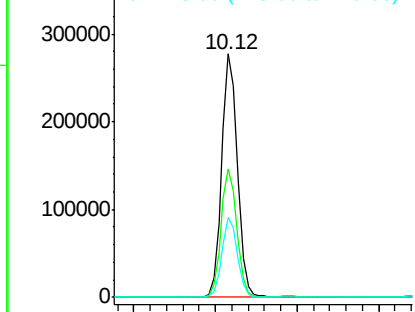
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 374108
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 32.9 25.8 38.6

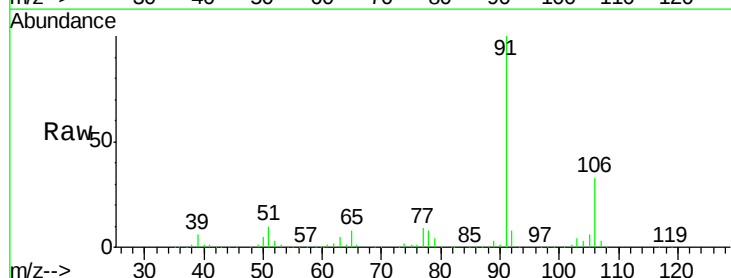


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

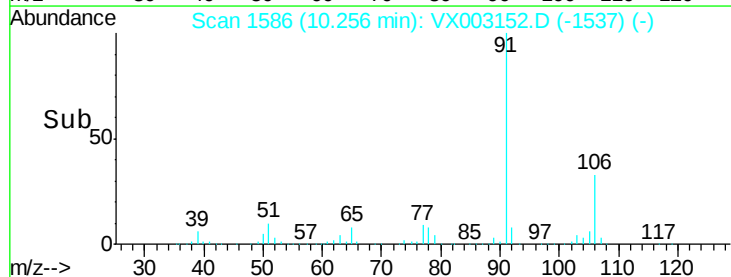
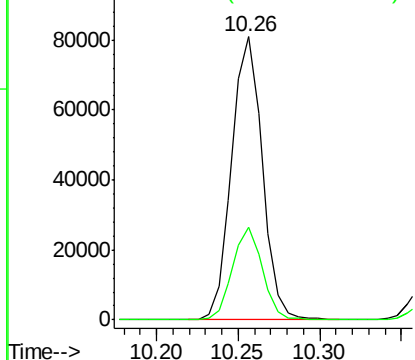


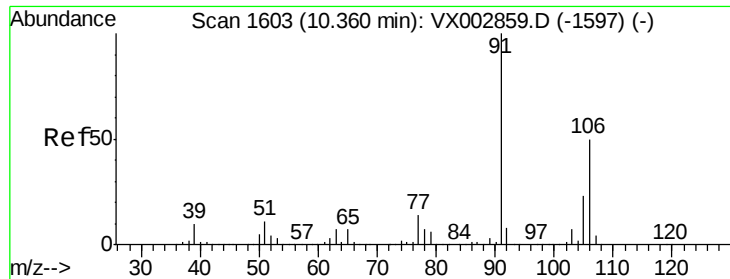
#67
Ethyl Benzene
Concen: 6.78 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 91 Resp: 106379
Ion Ratio Lower Upper
91 100
106 32.6 25.5 38.3



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

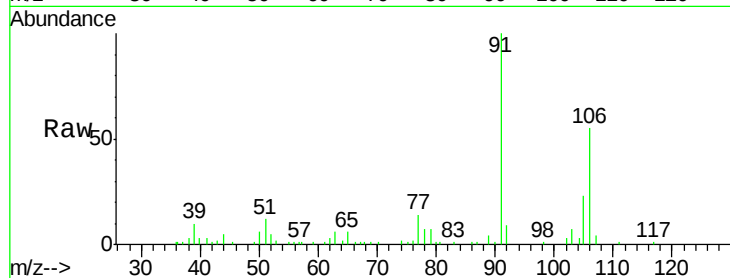




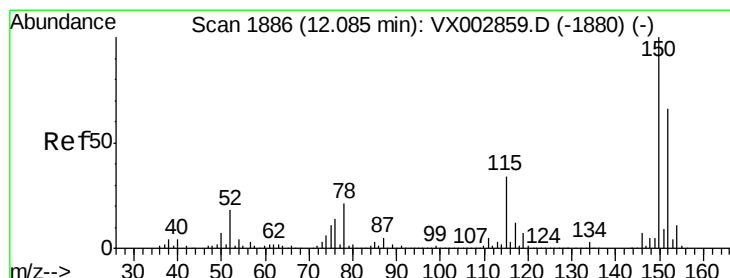
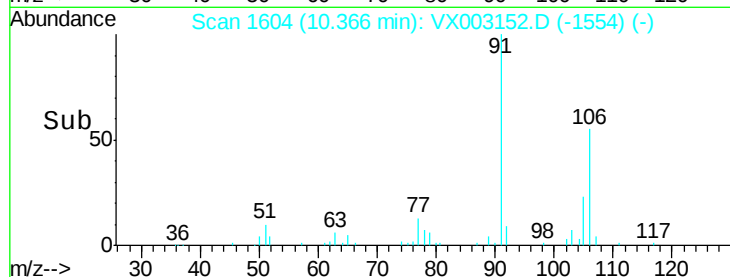
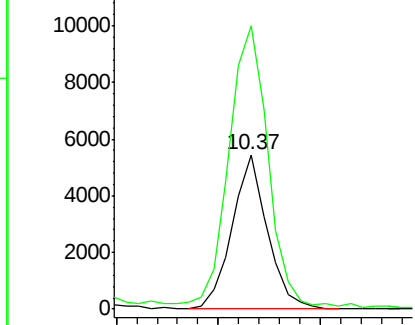
#68
m/p-Xvlenes
Concen: 1.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 6535
Ion Ratio Lower Upper
106 100
91 209.7 163.4 245.2

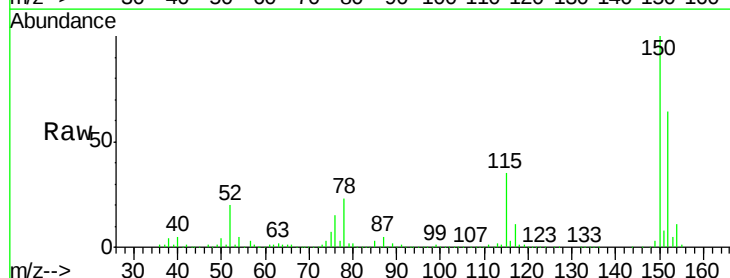


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

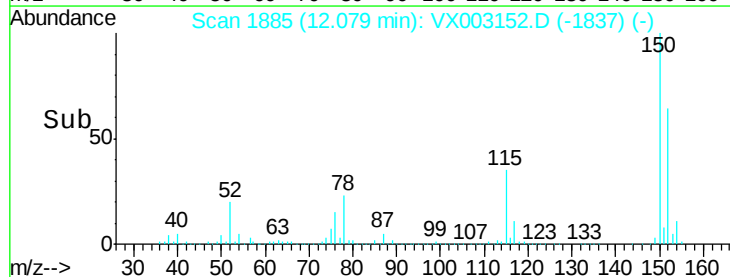
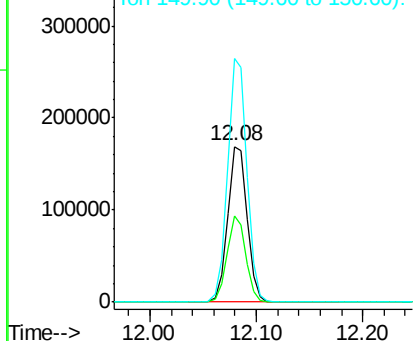


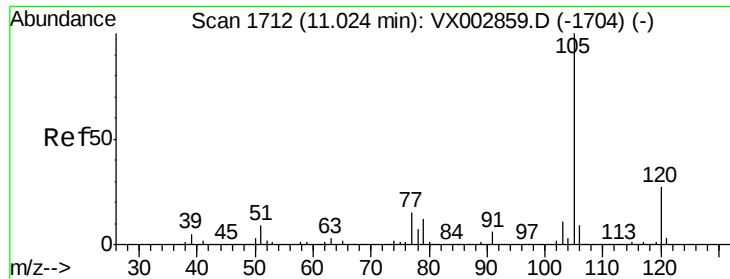
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:152 Resp: 216084
Ion Ratio Lower Upper
152 100
115 53.5 40.1 120.2
150 155.2 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: 2.08 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

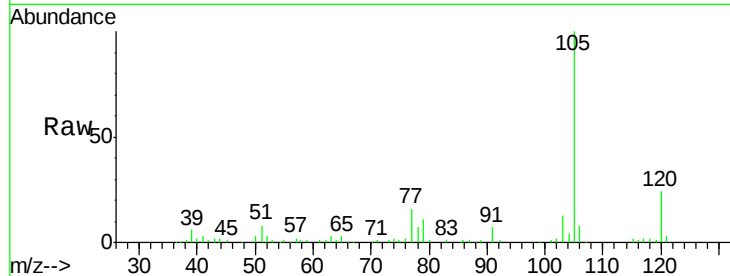
ClientSampled :

Tot Ion:105 Resp: 30301

Ion Ratio Lower Upper

105 100

120 25.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

25000

20000

15000

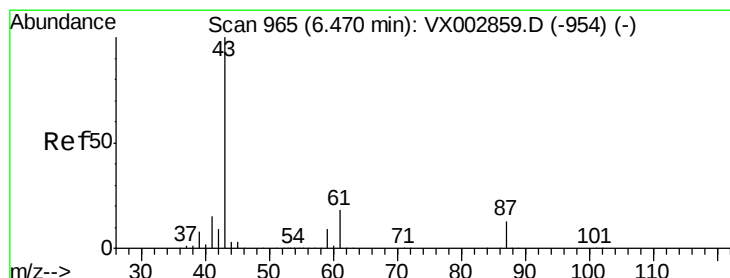
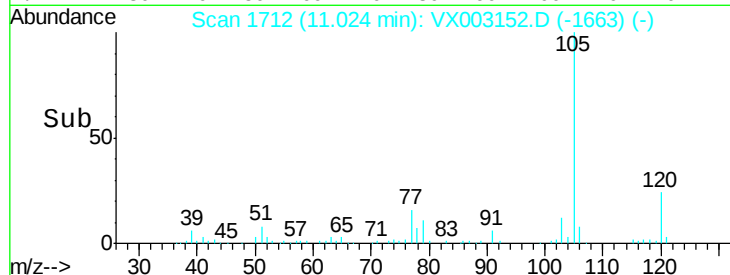
10000

5000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 4.73 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Tgt Ion: 43 Resp: 33654

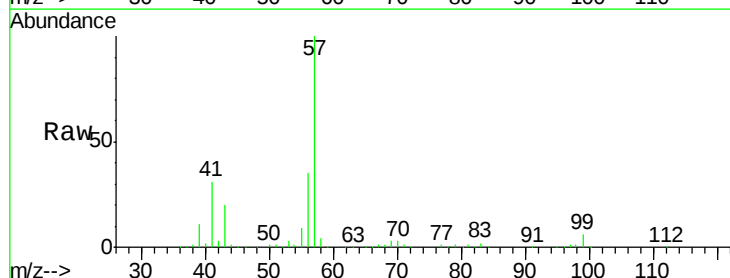
Ion Ratio Lower Upper

43 100

70 18.2 0.0 0.0#

55 37.7 0.0 0.0#

61 0.1 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

15000

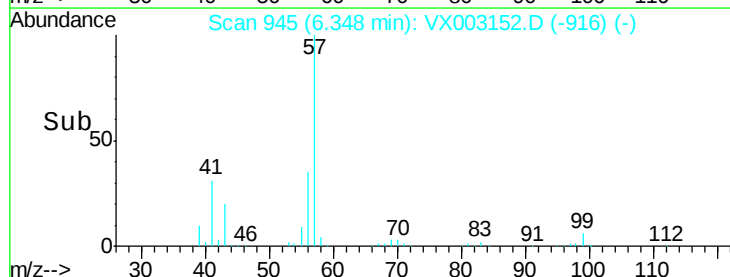
10000

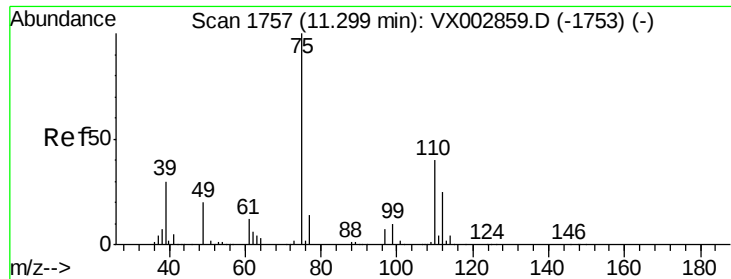
5000

0

Time-->

6.10 6.20 6.30 6.40 6.50





#76

1,2,3-Trichloropropane

Concen: 26.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

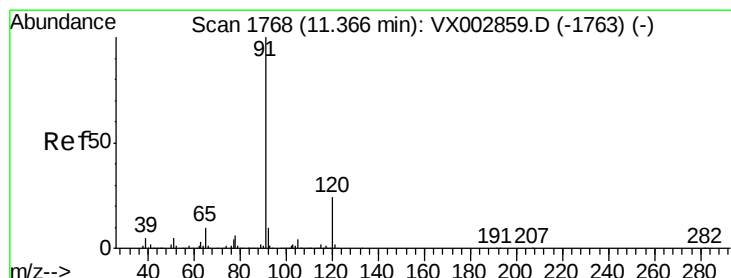
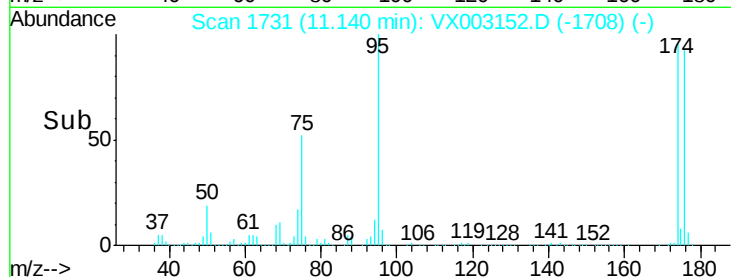
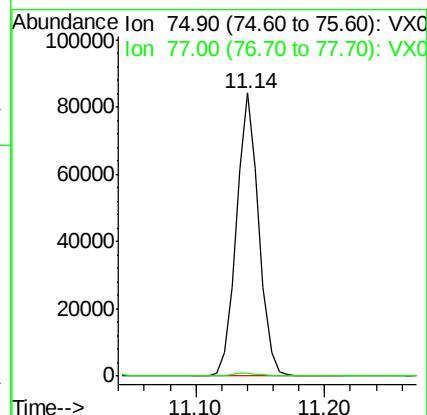
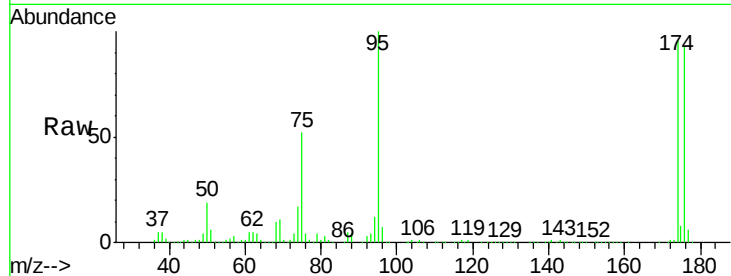
ClientSampleId :

Tot Ion: 75 Resp: 101753

Ion Ratio Lower Upper

75 100

77 1.4 22.8 68.3#



#78

n-propylbenzene

Concen: 1.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003152.D

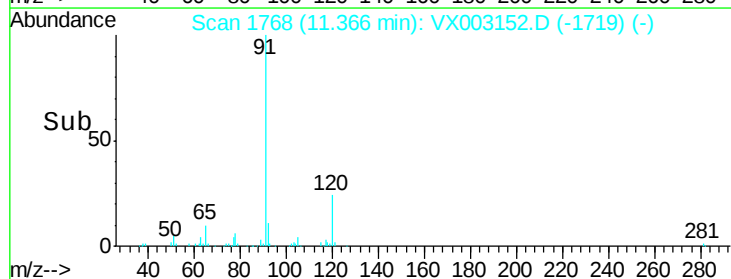
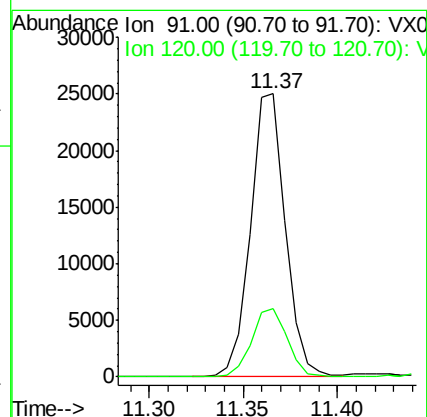
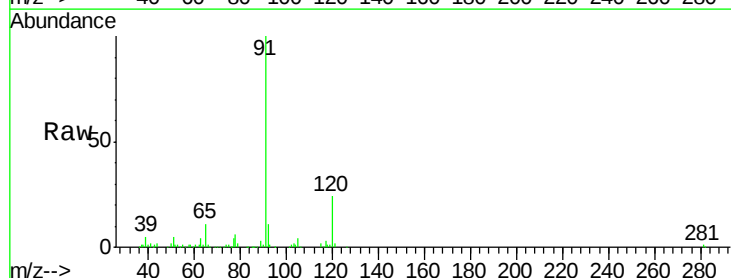
Acq: 03 Jul 2018 16:46

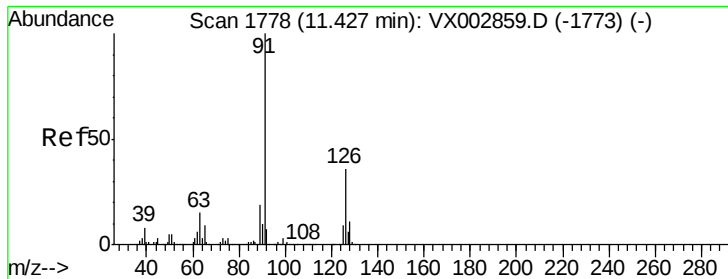
Tgt Ion: 91 Resp: 32145

Ion Ratio Lower Upper

91 100

120 24.6 11.8 35.4

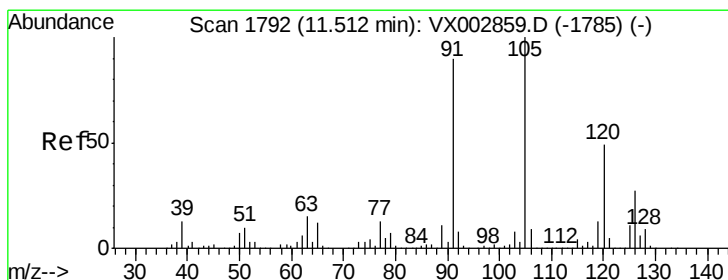
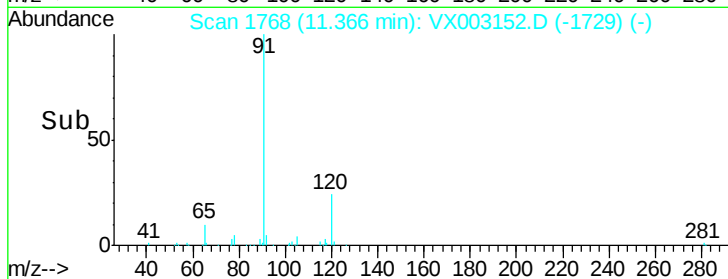
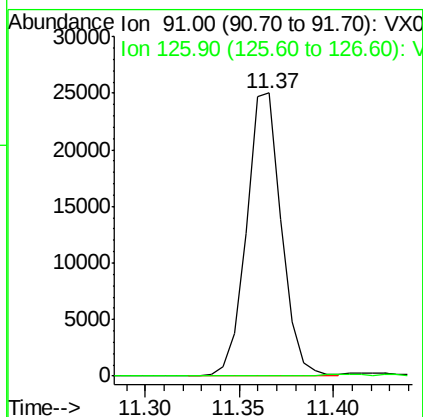
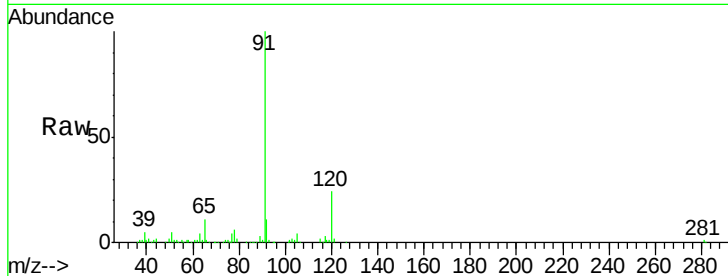




#79
 2-Chlorotoluene
 Concen: 3.21 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.06 min
 Lab File: VX003152.D
 Acq: 03 Jul 2018 16:46

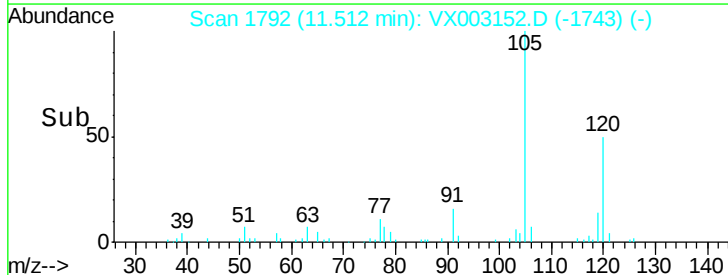
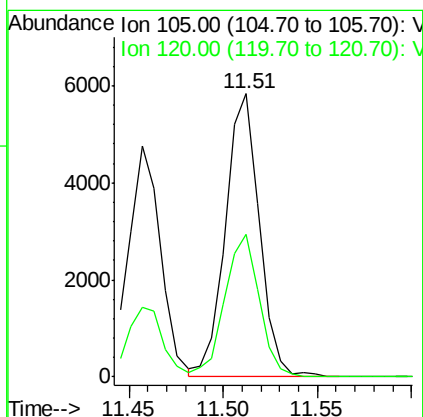
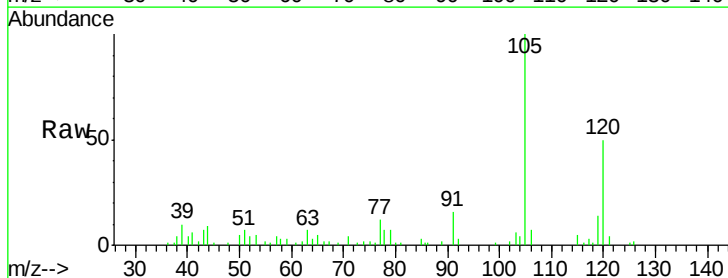
Instrument :
 MSVOA_X
 ClientSampled :

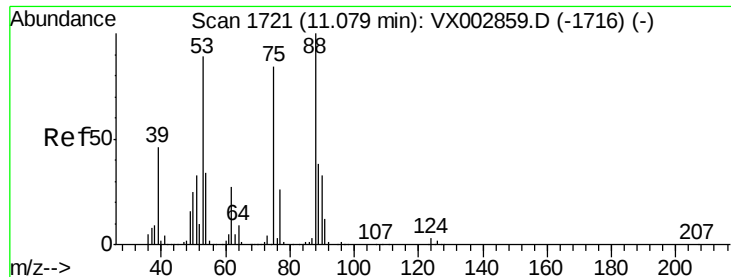
Tot Ion: 91 Resp: 32145
 Ion Ratio Lower Upper
 91 100
 126 0.2 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.59 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003152.D
 Acq: 03 Jul 2018 16:46

Tgt Ion: 105 Resp: 7277
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.4 73.4

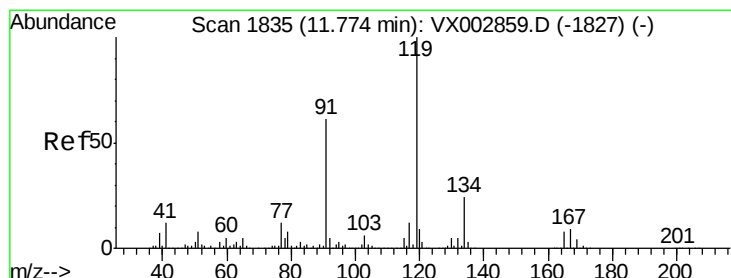
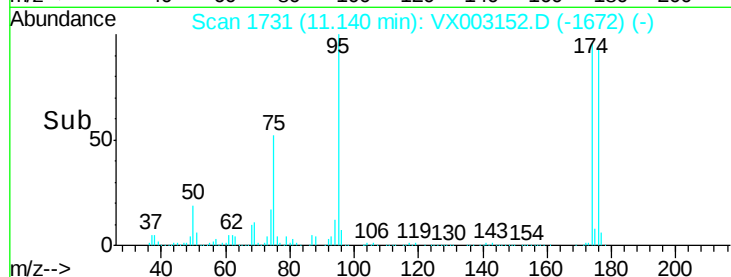
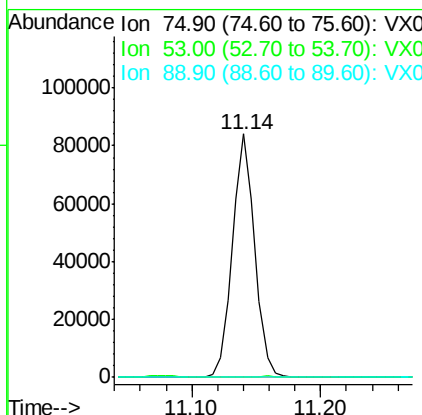
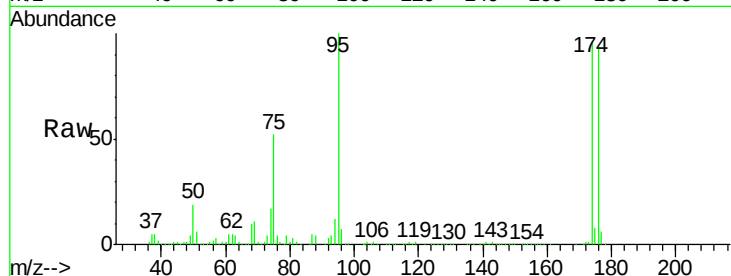




#81
trans-1,4-Dichloro-2-butene
Concen: 73.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

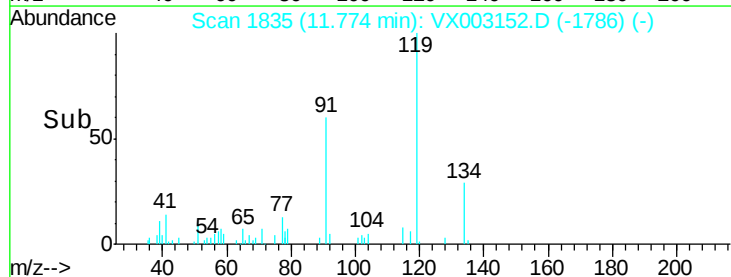
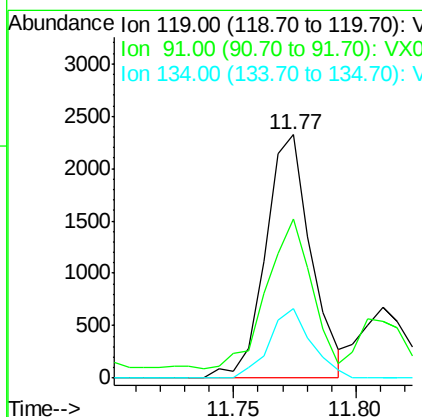
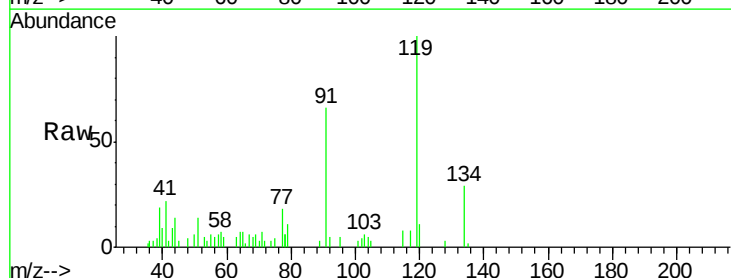
Instrument :
MSVOA_X
ClientSampled :

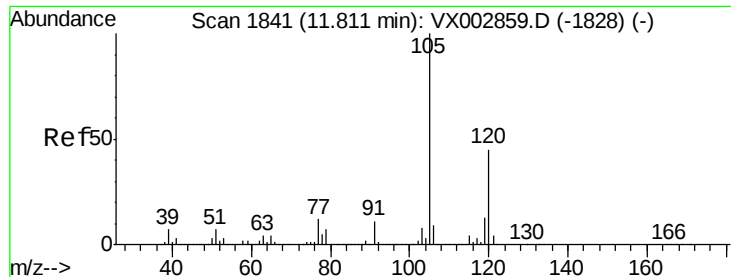
Tot Ion: 75 Resp: 101753
Ion Ratio Lower Upper
75 100
53 0.8 86.8 130.2#
89 0.1 38.2 57.2#



#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion: 119 Resp: 3028
Ion Ratio Lower Upper
119 100
91 69.9 30.3 90.9
134 26.5 11.7 35.1

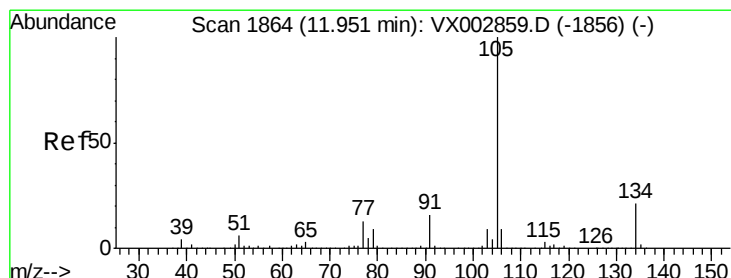
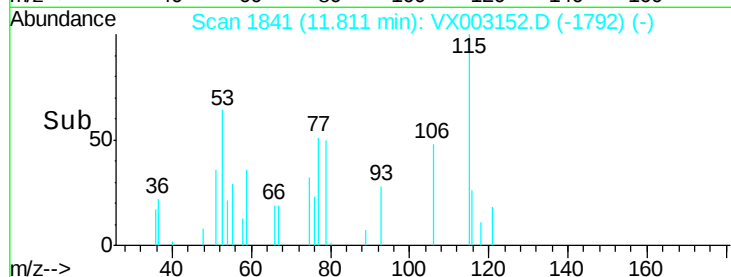
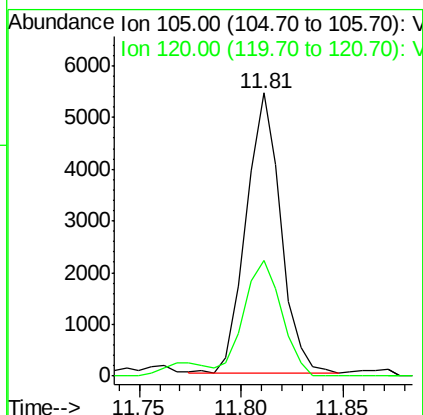
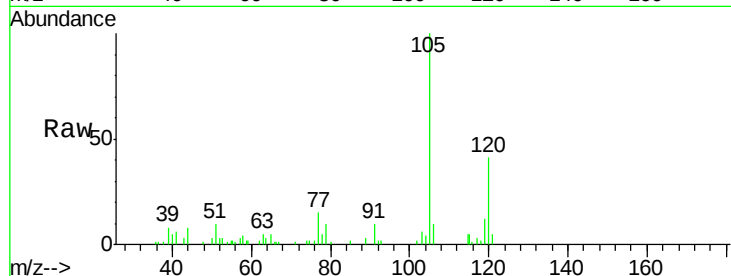




#84
1,2,4-Trimethylbenzene
Concen: 0.50 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

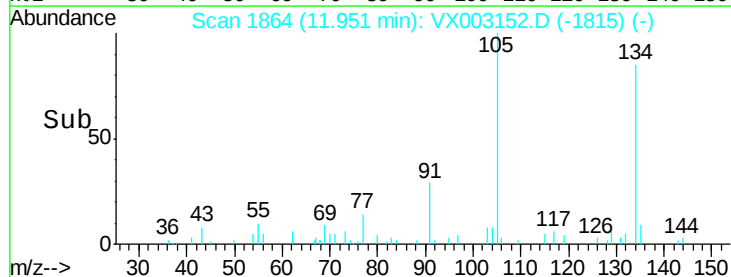
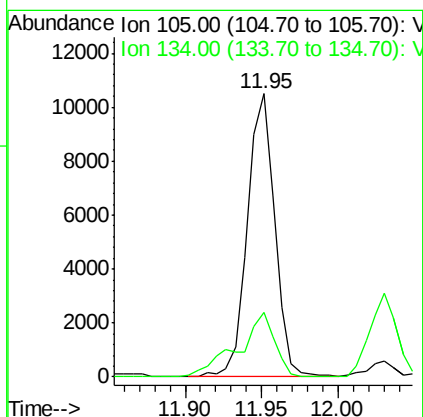
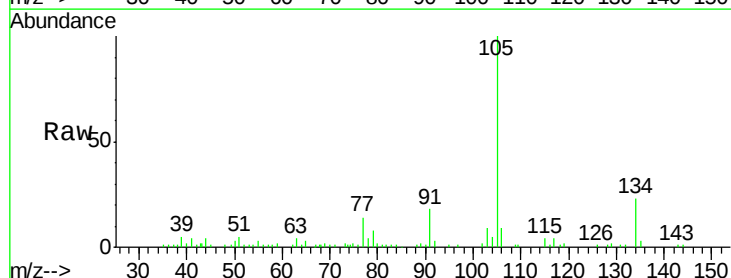
Instrument :
MSVOA_X
ClientSampleId :

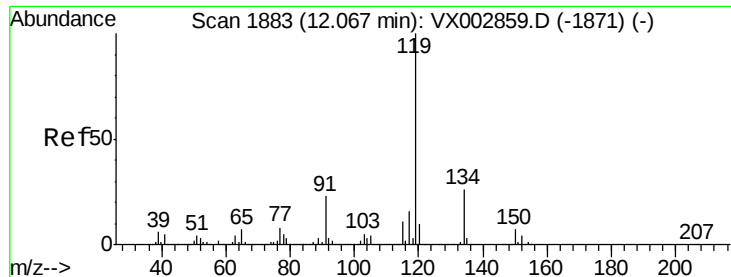
Tot Ion:105 Resp: 6376
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.89 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion:105 Resp: 13093
Ion Ratio Lower Upper
105 100
134 30.5 10.4 31.1

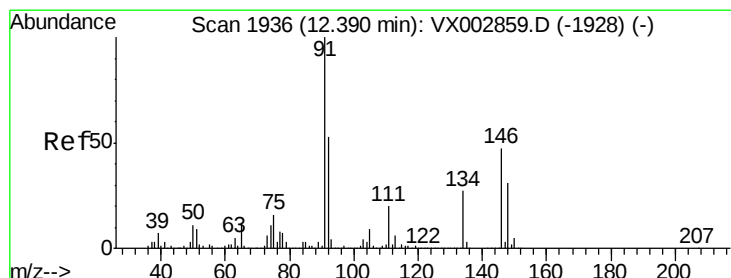
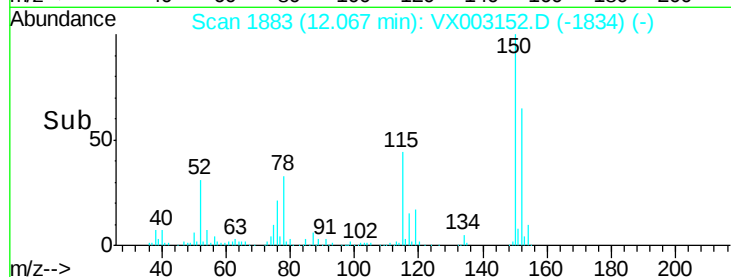
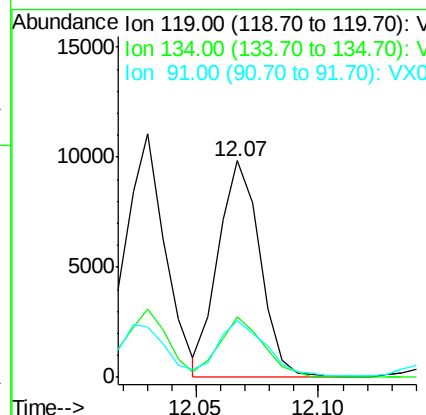
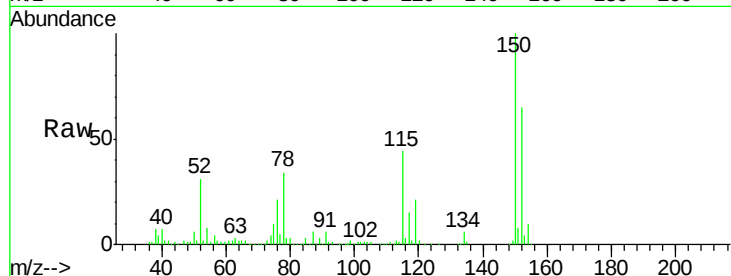




#86
p-Isopropyltoluene
Concen: 0.89 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

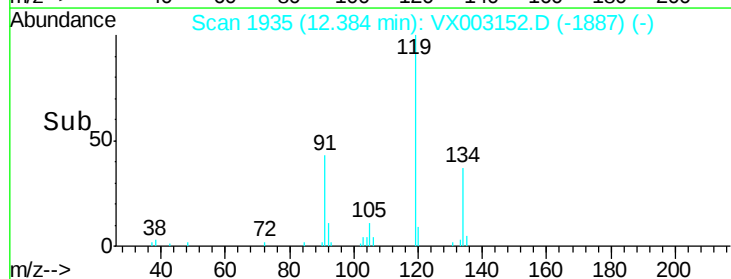
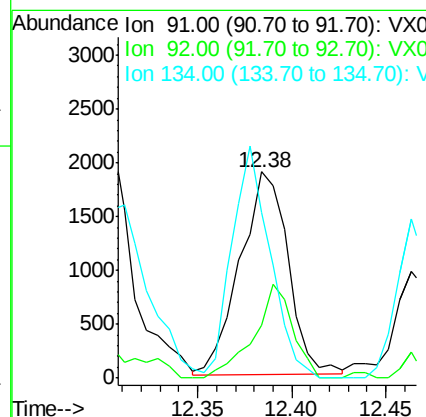
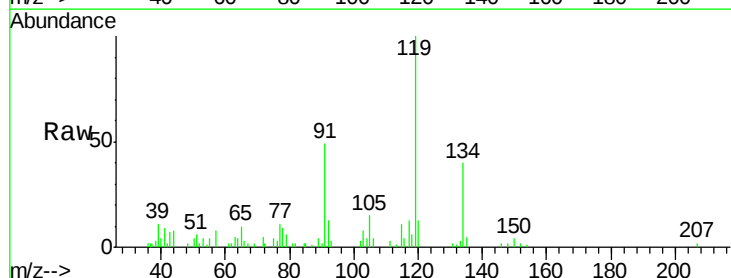
Instrument :
MSVOA_X
ClientSampled :

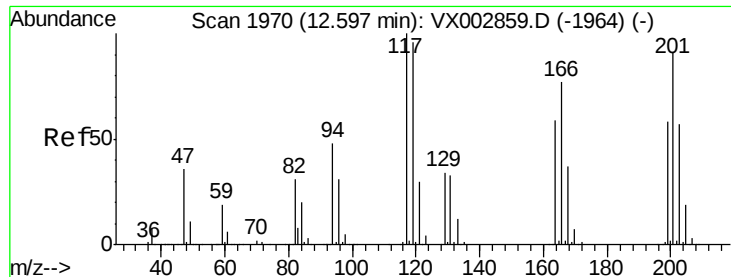
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.4	40.1
91	28.8	11.9	35.7



#89
n-Butylbenzene
Concen: 0.29 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003152.D
Acq: 03 Jul 2018 16:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	36.8	26.0	78.0
134	90.6	13.5	40.5#





#90

Hexachloroethane

Concen: 0.53 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

Instrument :

MSVOA_X

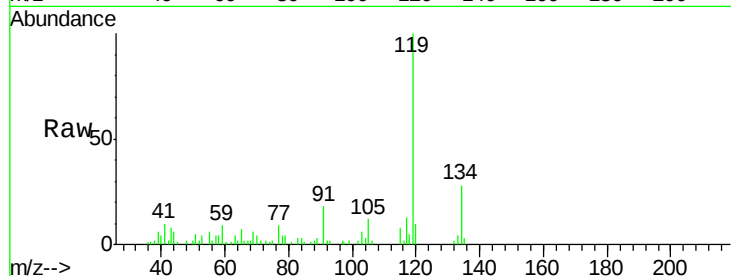
ClientSampleId :

Tot Ion:117 Resp: 1035

Ion Ratio Lower Upper

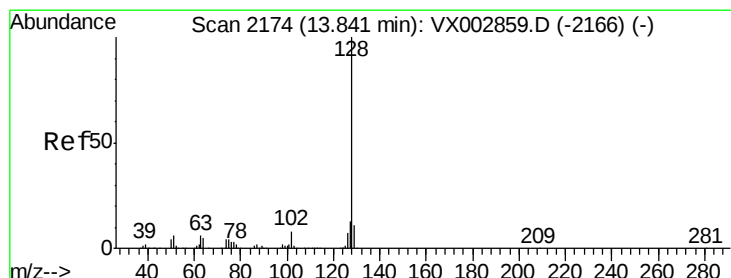
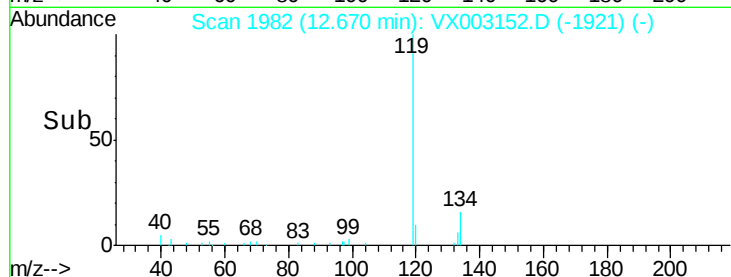
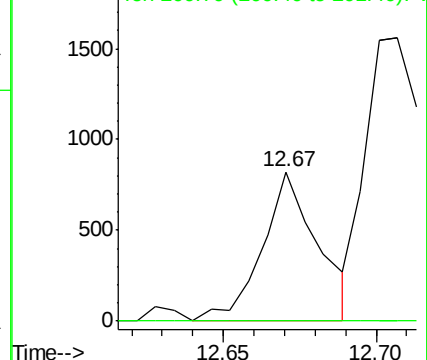
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.97 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003152.D

Acq: 03 Jul 2018 16:46

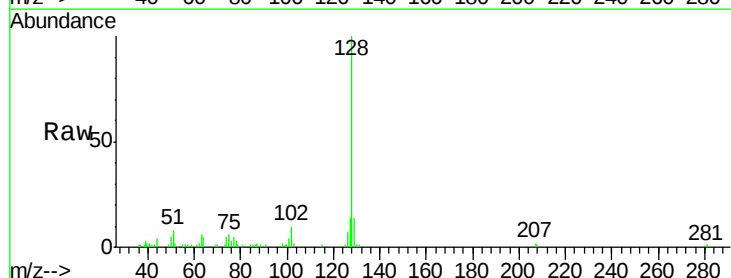
Tgt Ion:128 Resp: 14288

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 13.1 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

