

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070318\
 Data File : VX003149.D
 Acq On : 03 Jul 2018 15:25
 Operator : JC/MD
 Sample : J3754-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:15:13 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	259188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194974	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	166761	46.55	ug/l	0.01
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	5.51	113	138216	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	8.72	98	507159	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.14	95	183701	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	293	Below Cal		90
3) Chloromethane	1.32	50	1179	Below Cal		100
4) Vinyl Chloride	1.40	62	788	0.27 ug/l	#	1
5) Bromomethane	1.67	94	2401	Below Cal	#	76
6) Chloroethane	1.73	64	2423	Below Cal		100
10) Methyl Iodide	2.53	142	3710	7.34 ug/l		93
11) Tert butyl alcohol	3.07	59	4765	6.68 ug/l	#	73
13) Acrolein	2.29	56	117	4.52 ug/l	#	14
14) Allyl chloride	2.62	41	3087	0.61 ug/l	#	73
15) Acrylonitrile	3.17	53	1691	1.11 ug/l	#	38
16) Acetone	2.45	43	9005	6.07 ug/l		94
17) Carbon Disulfide	2.57	76	2380	0.35 ug/l	#	89
18) Methyl Acetate	2.84	43	50583	12.19 ug/l	#	55
20) Methylene Chloride	2.86	84	1464	0.51 ug/l	#	42
25) 2-Butanone	4.73	43	1191	0.54 ug/l		93
27) cis-1,2-Dichloroethene	4.59	96	1126	0.36 ug/l	#	6
29) Tetrahydrofuran	5.19	42	532	0.38 ug/l	#	69
31) Cyclohexane	5.58	56	5752	1.28 ug/l		92
36) 1,1-Dichloropropene	5.67	75	16941	4.26 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	23095	5.30 ug/l	#	15
39) Methylcyclohexane	7.45	83	3301	0.71 ug/l	#	57
40) Benzene	6.15	78	42783	3.71 ug/l		97
55) 1,1,2-Trichloroethane	9.17	97	5472	1.80 ug/l	#	18
56) Ethyl methacrylate	9.17	69	1420	0.32 ug/l	#	5
59) 2-Hexanone	9.52	43	1855	0.54 ug/l		83
67) Ethyl Benzene	10.26	91	153273	10.86 ug/l		98
68) m/p-Xylenes	10.26	106	47487	8.73 ug/l	#	23
73) Isopropylbenzene	11.02	105	138015	10.52 ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	92600	26.22 ug/l	#	33
78) n-propylbenzene	11.37	91	109945	7.36 ug/l		100
79) 2-Chlorotoluene	11.37	91	109945	12.16 ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.67	105	3530	0.32 ug/l		76
81) trans-1,4-Dichloro-2-buten	11.14	75	92600	74.32 ug/l	#	6
82) 4-Chlorotoluene	11.37	91	109945	10.27 ug/l	#	44

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

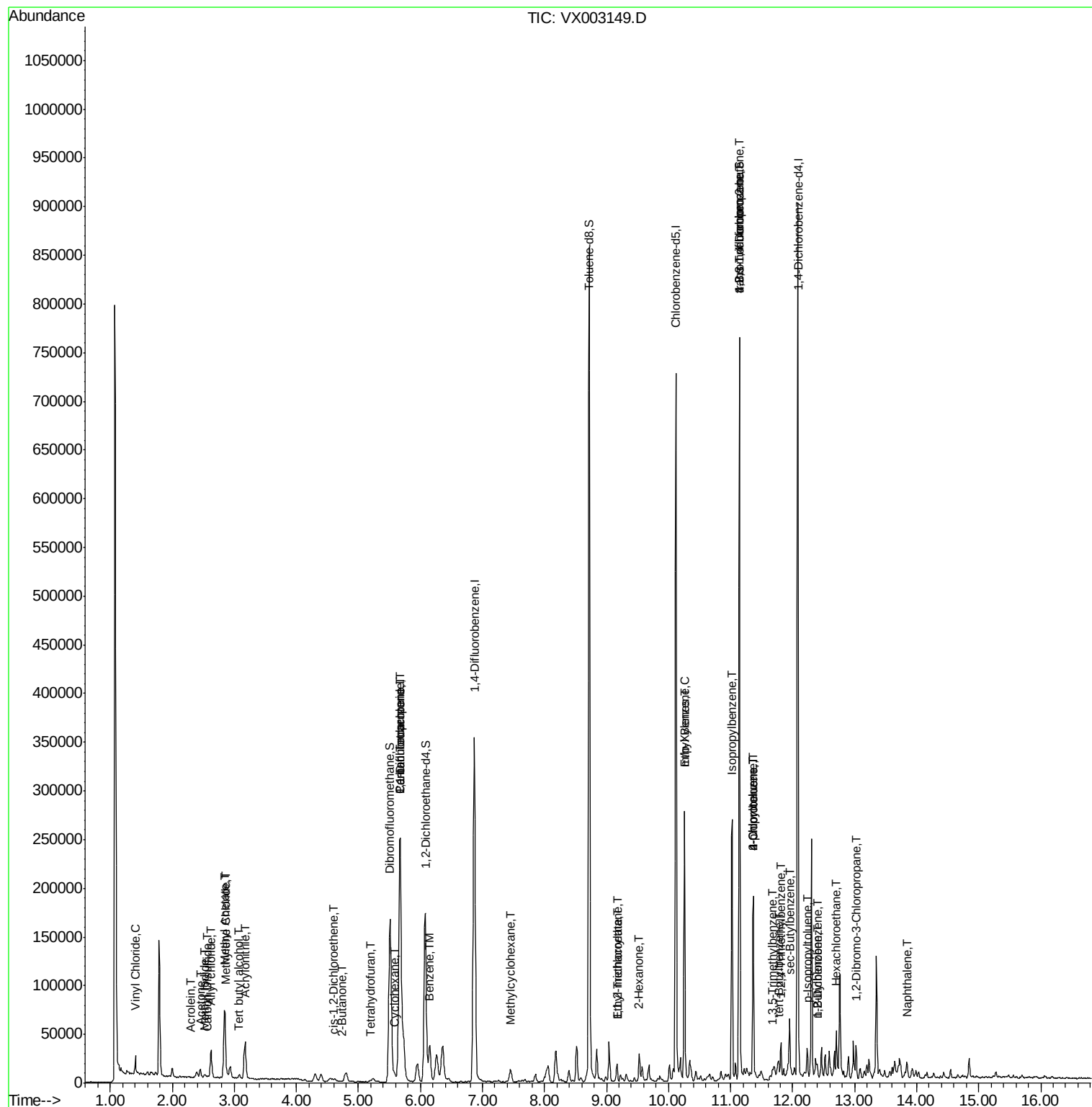
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	5444	0.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	15309	1.34	ug/l	97
85) sec-Butylbenzene	11.95	105	25980	1.97	ug/l	85
86) p-Isopropyltoluene	12.24	119	11956	1.01	ug/l	93
89) n-Butylbenzene	12.39	91	2581	0.25	ug/l #	37
90) Hexachloroethane	12.71	117	15677	8.88	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	2843	0.41	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.02	75	204	0.22	ug/l #	1
95) Naphthalene	13.84	128	9556	0.72	ug/l #	89

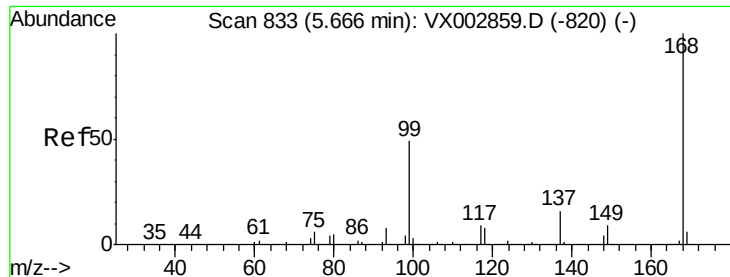
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003149.D

Acq: 03 Jul 2018 15:25

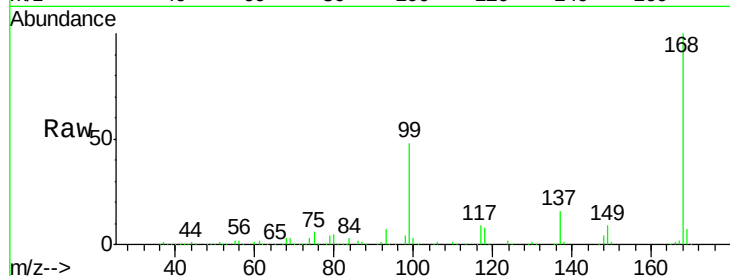
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 259188

Ion Ratio Lower Upper

168 100

99 48.0 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

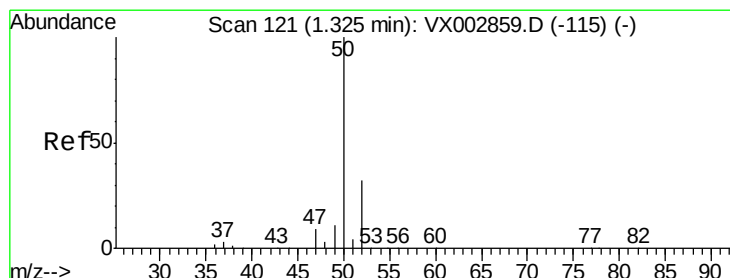
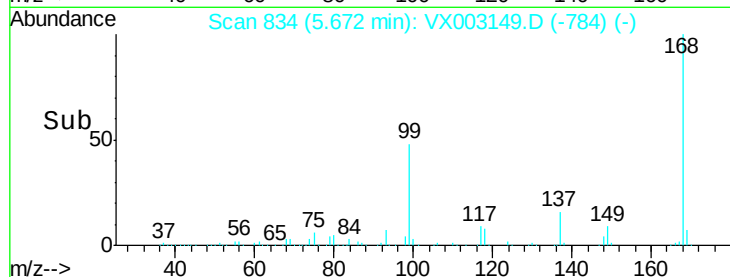
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003149.D

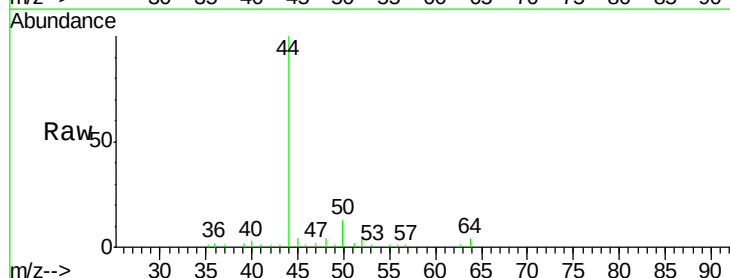
Acq: 03 Jul 2018 15:25

Tgt Ion: 50 Resp: 1179

Ion Ratio Lower Upper

50 100

52 31.8 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

800

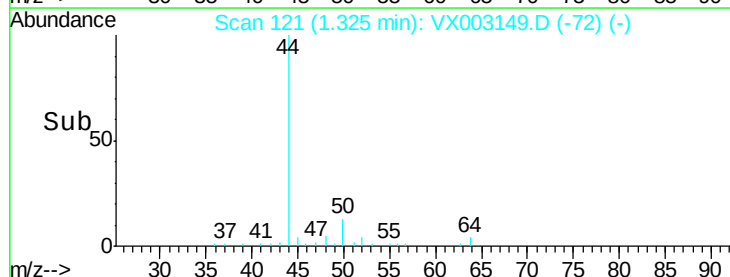
600

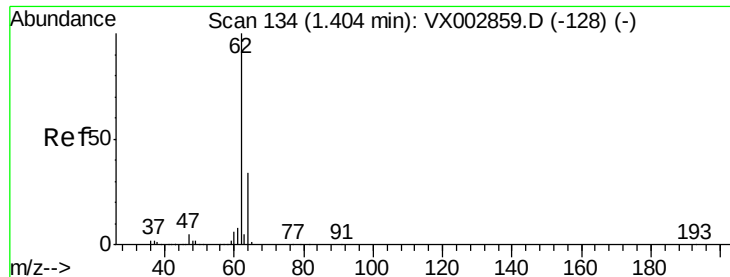
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.27 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

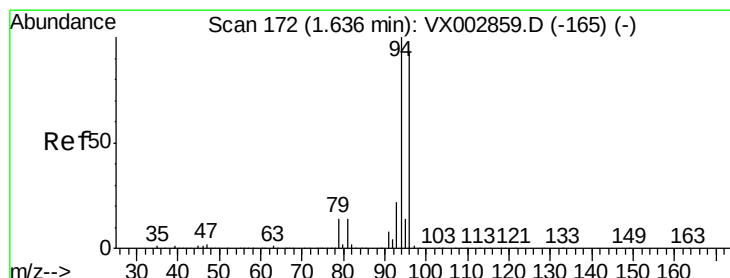
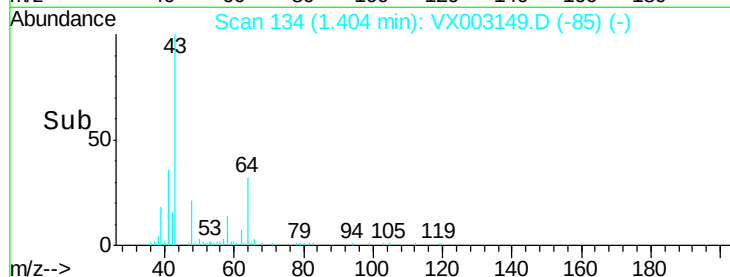
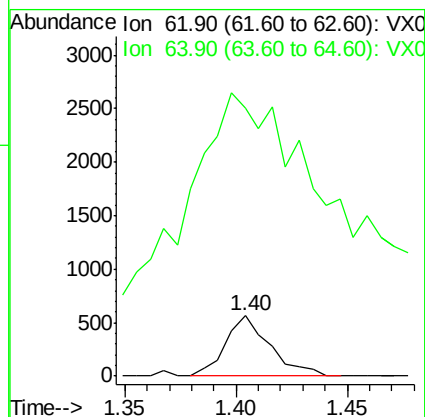
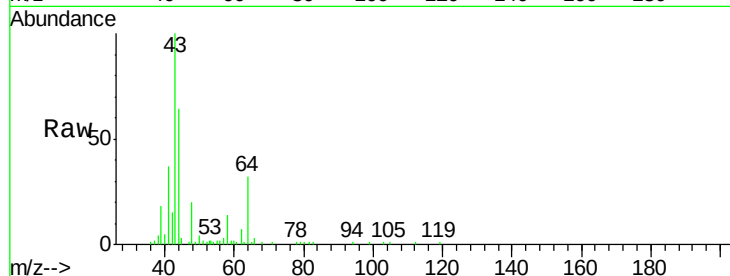
ClientSampled :

Tot Ion: 62 Resp: 788

Ion Ratio Lower Upper

62 100

64 149.3 25.4 38.2#



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX003149.D

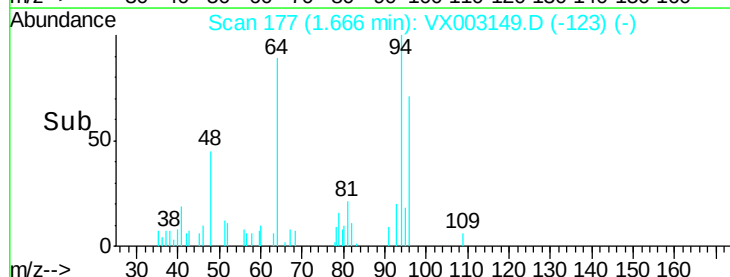
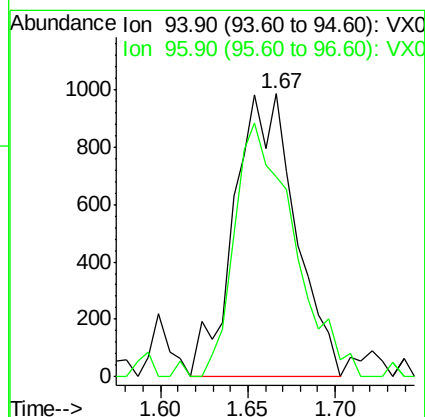
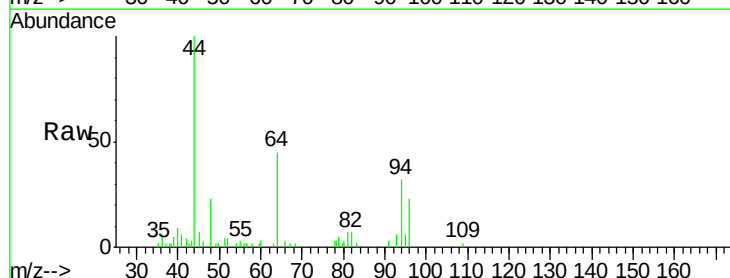
Acq: 03 Jul 2018 15:25

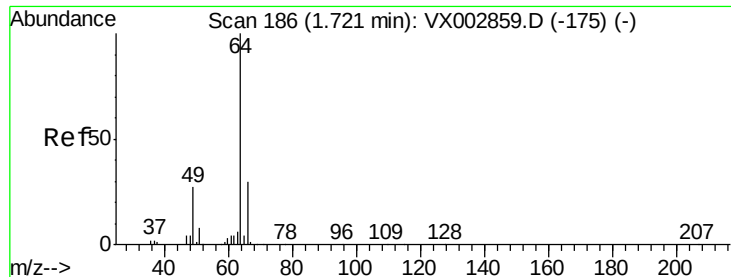
Tgt Ion: 94 Resp: 2401

Ion Ratio Lower Upper

94 100

96 70.9 74.9 112.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

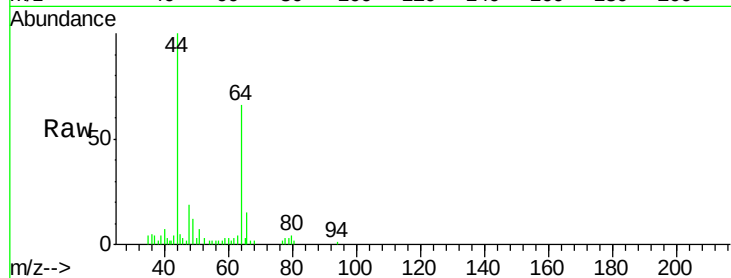
ClientSampled :

Tot Ion: 64 Resp: 2423

Ion Ratio Lower Upper

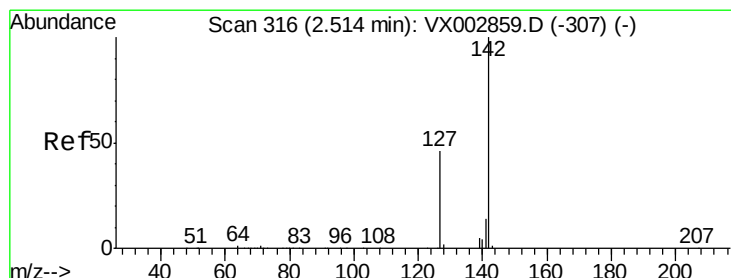
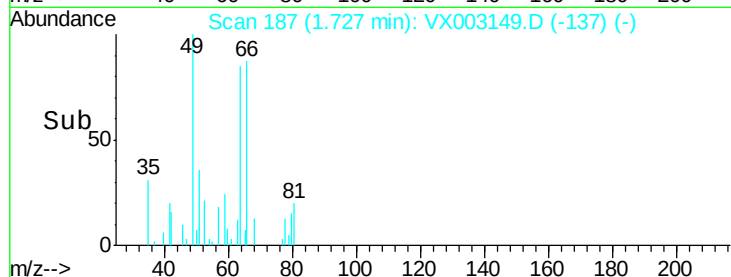
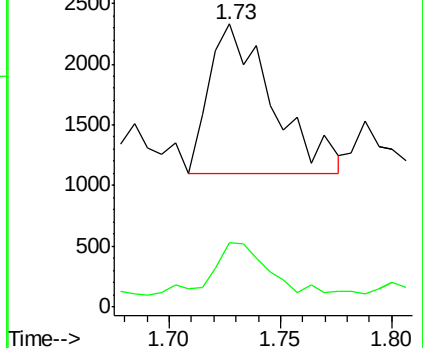
64 100

66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 7.34 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

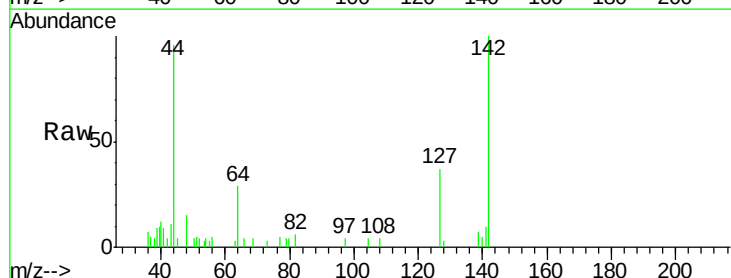
Tgt Ion: 142 Resp: 3710

Ion Ratio Lower Upper

142 100

127 40.5 36.6 55.0

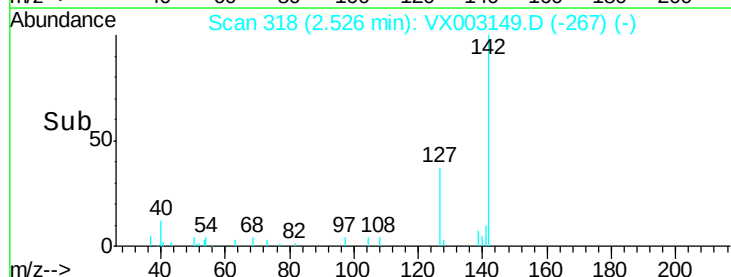
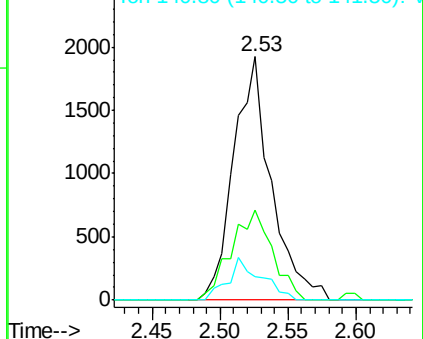
141 15.4 11.3 16.9

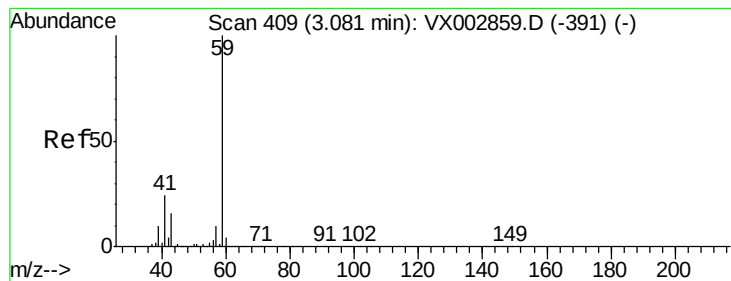


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



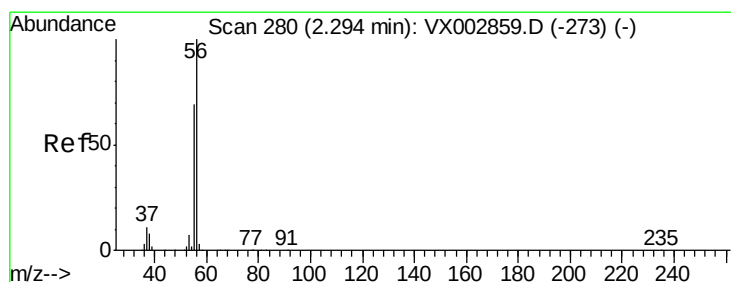
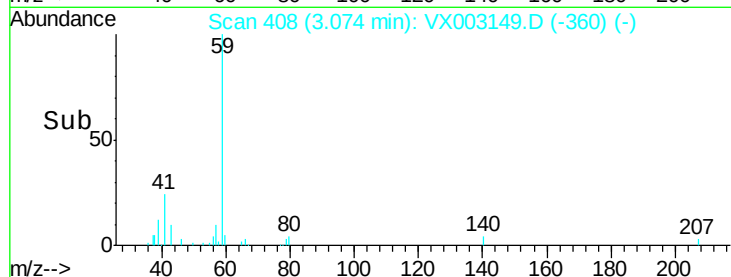
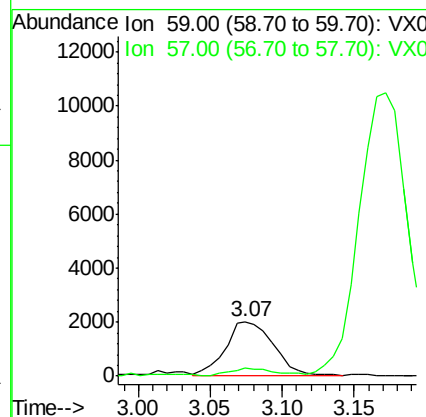
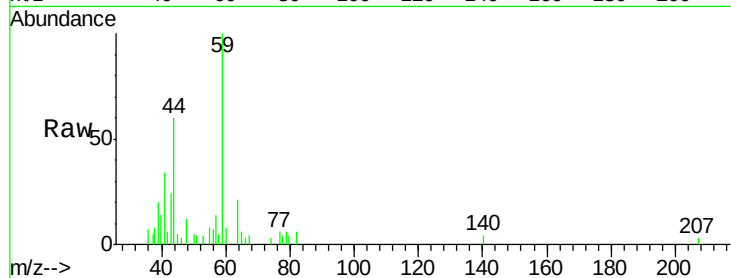


#11

Tert butyl alcohol
 Concen: 6.68 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

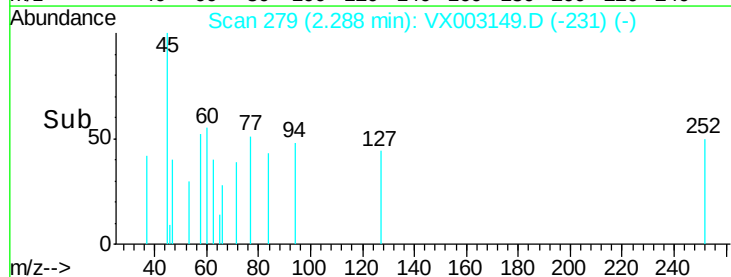
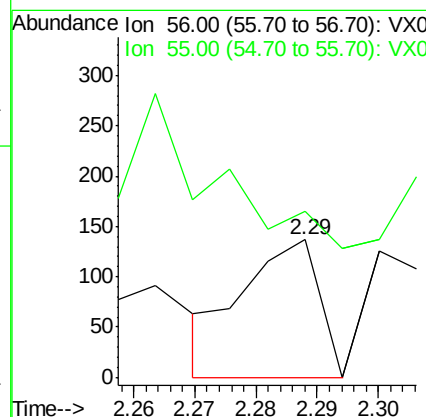
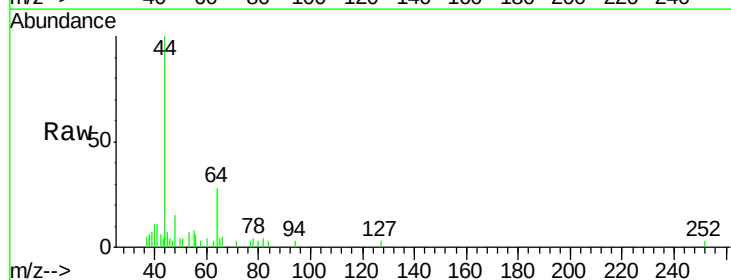
Tot Ion: 59 Resp: 4765
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

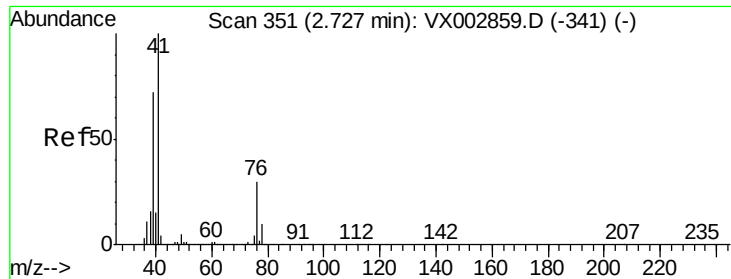


#13

Acrolein
 Concen: 4.52 ug/l
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

Tgt Ion: 56 Resp: 117
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.0 85.4#

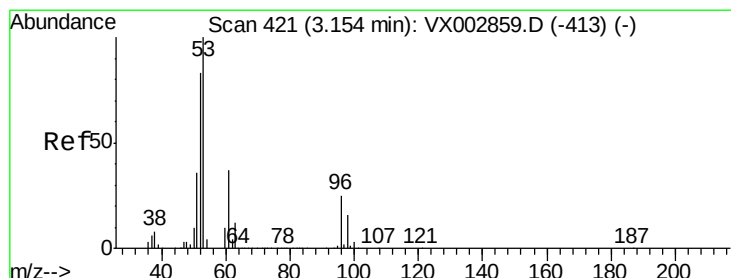
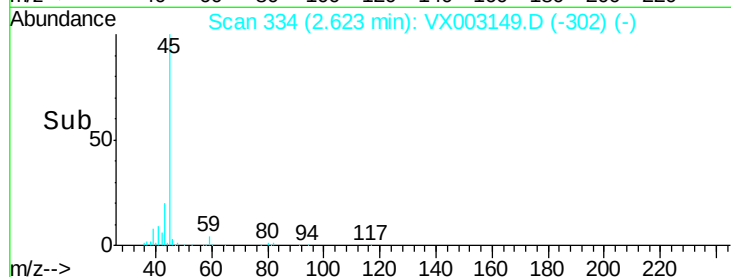
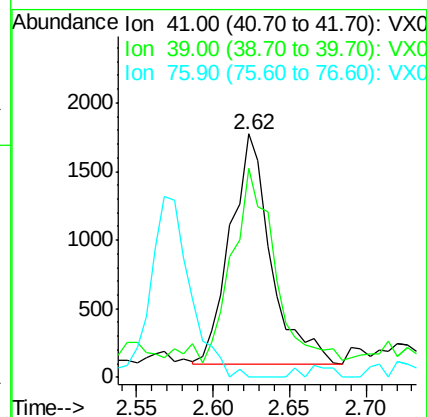
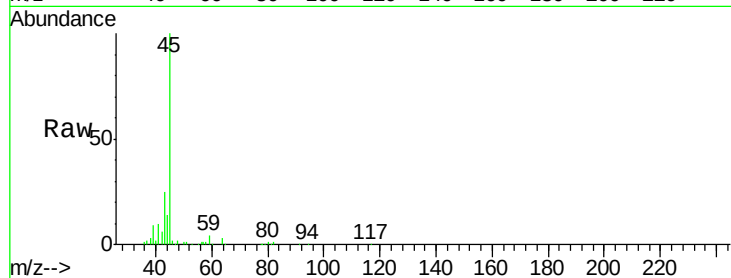




#14
Allvl chloride
Concen: 0.61 ug/l
RT: 2.62 min Scan# 334
Delta R.T. -0.10 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

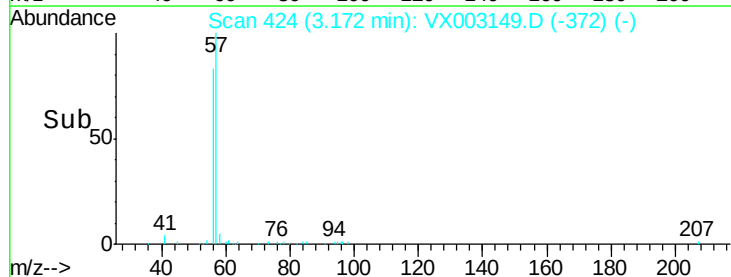
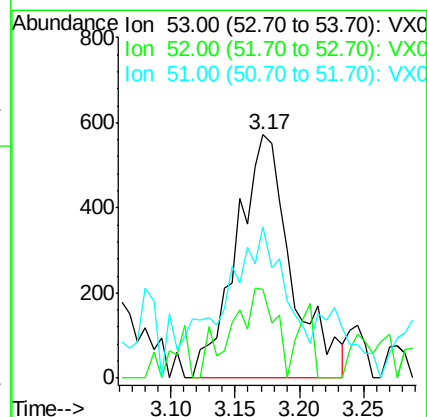
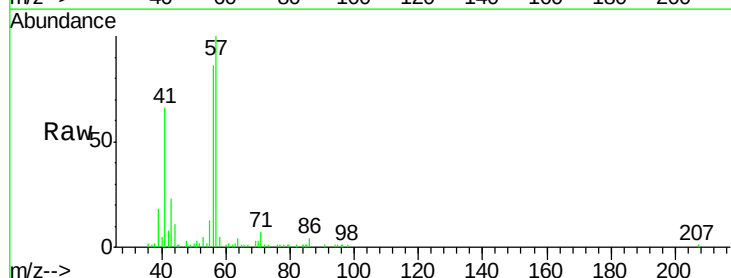
Instrument :
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ClientSampleId :

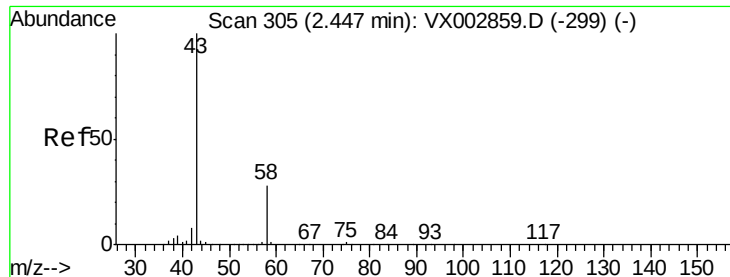
Tot Ion: 41 Resp: 3087
Ion Ratio Lower Upper
41 100
39 83.8 56.8 85.2
76 0.0 23.8 35.8#



#15
Acrylonitrile
Concen: 1.11 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.02 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 53 Resp: 1691
Ion Ratio Lower Upper
53 100
52 29.0 66.7 100.1#
51 76.0 29.9 44.9#





#16

Acetone

Concen: 6.07 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

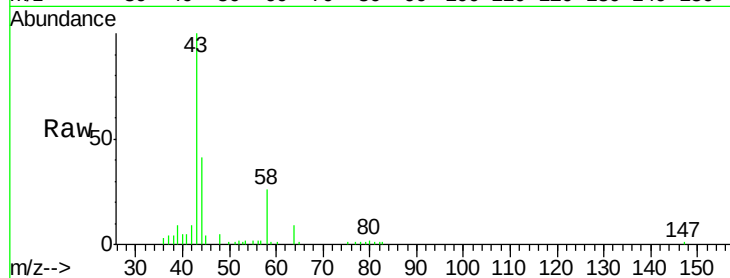
ClientSampleId :

Tot Ion: 43 Resp: 9005

Ion Ratio Lower Upper

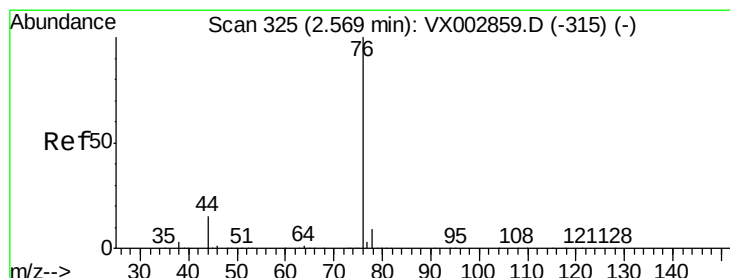
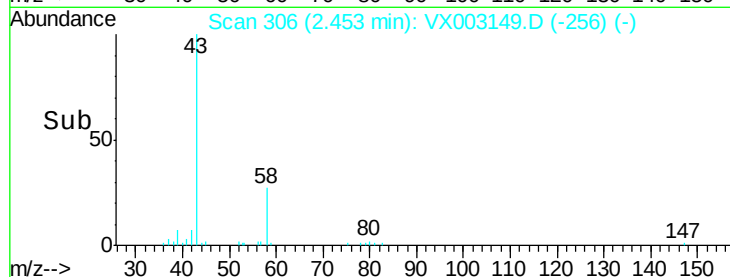
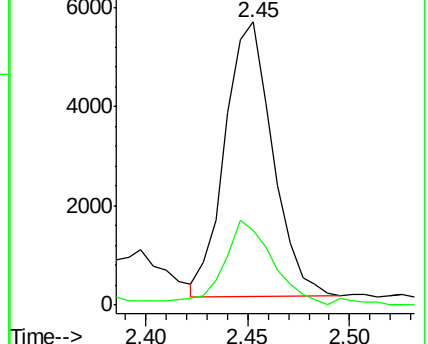
43 100

58 24.7 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: 0.35 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003149.D

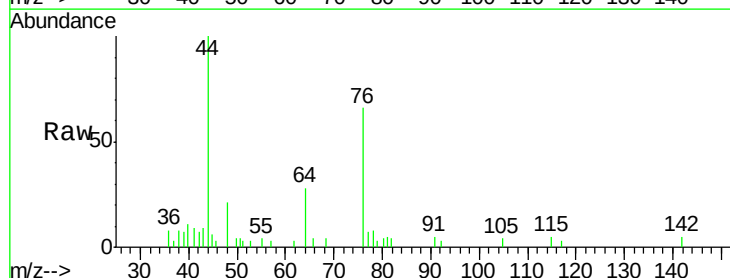
Acq: 03 Jul 2018 15:25

Tgt Ion: 76 Resp: 2380

Ion Ratio Lower Upper

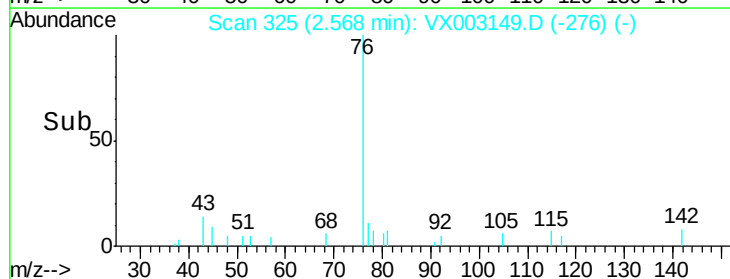
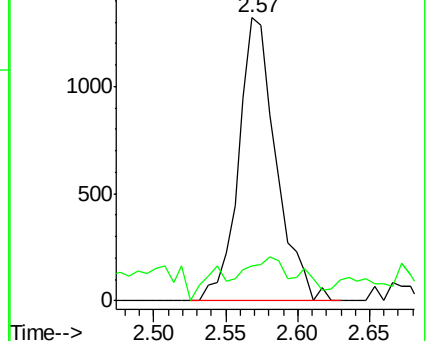
76 100

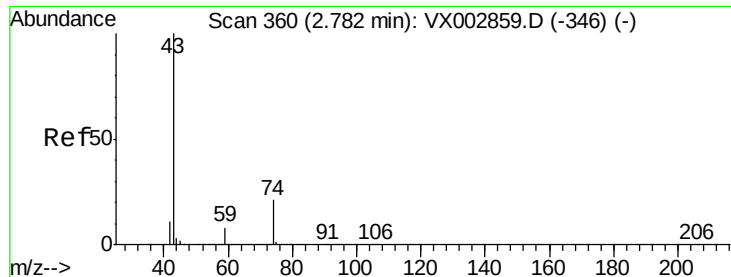
78 12.5 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

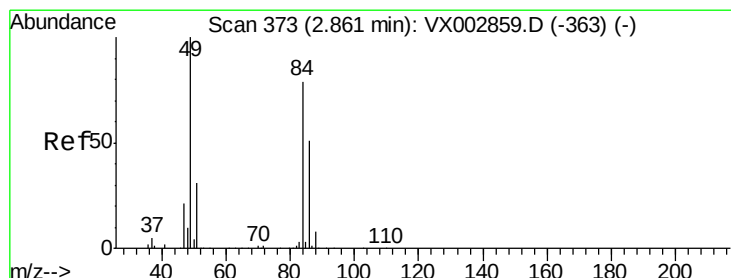
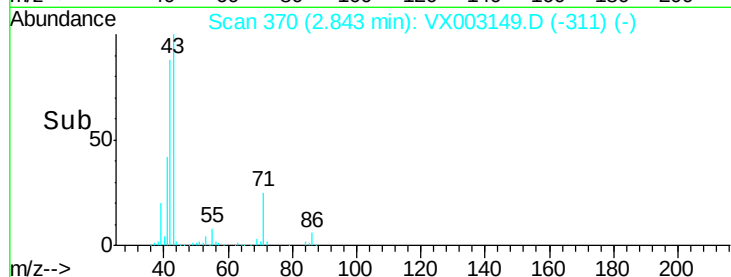
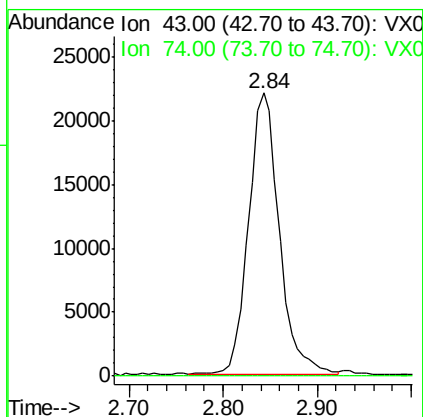
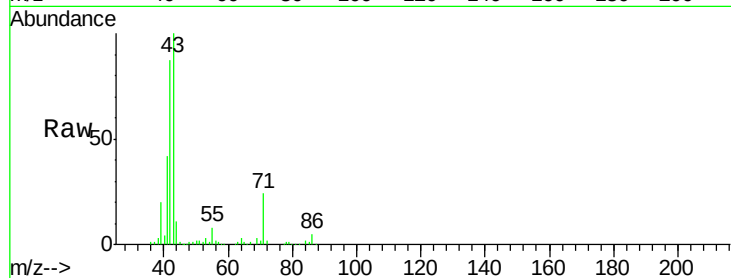




#18
Methyl Acetate
Concen: 12.19 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

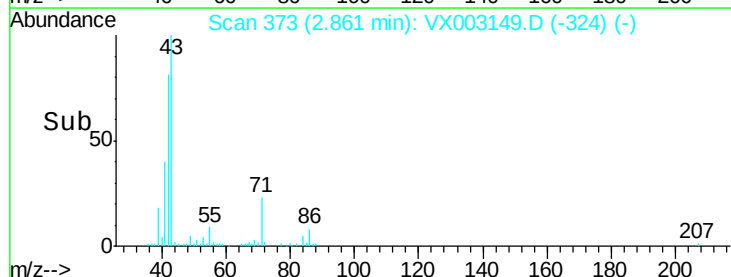
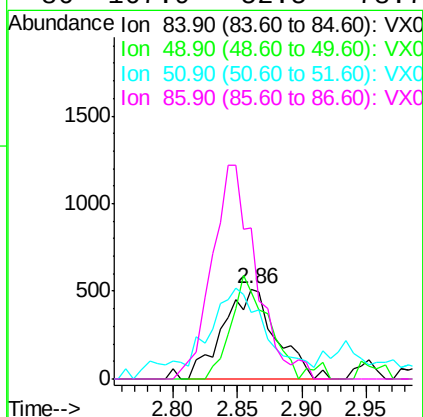
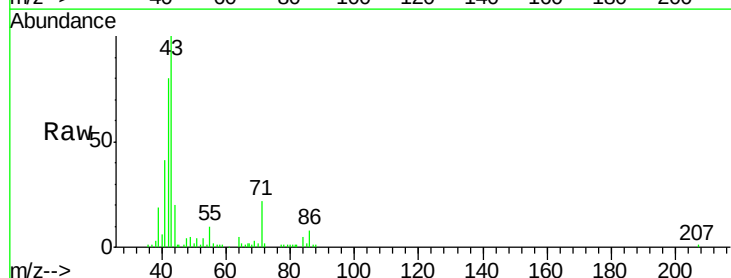
Instrument :
MSVOA_X
ClientSampled :

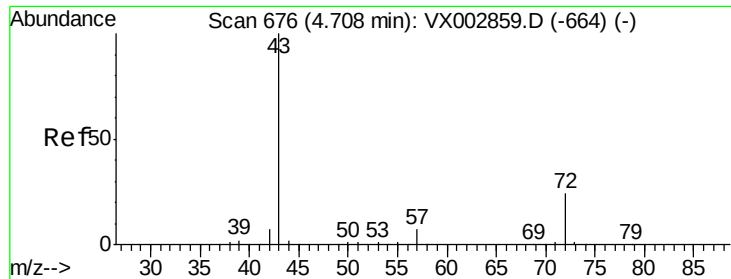
Tot Ion: 43 Resp: 50583
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 84 Resp: 1464
Ion Ratio Lower Upper
84 100
49 96.5 107.8 161.6#
51 60.9 32.8 49.2#
86 167.9 52.5 78.7#





#25

2-Butanone

Concen: 0.54 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

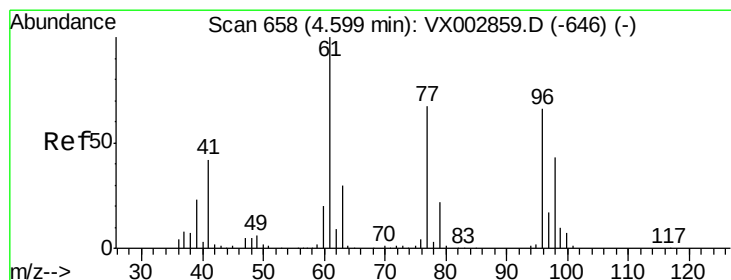
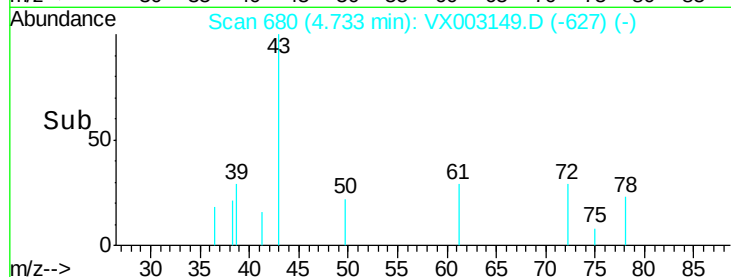
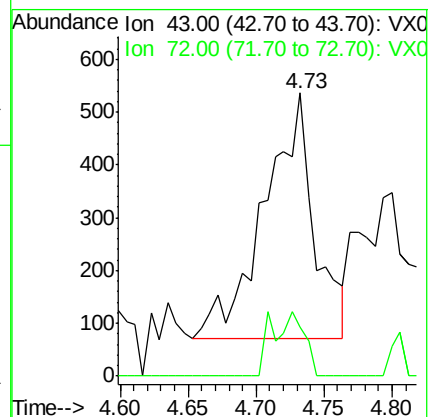
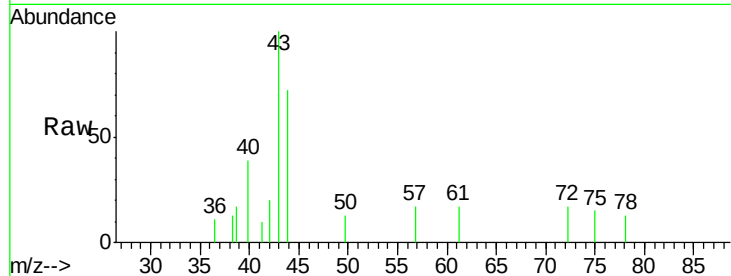
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1191

Ion Ratio Lower Upper

43 100

72 19.8 18.5 27.7



#27

cis-1,2-Dichloroethene

Concen: 0.36 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

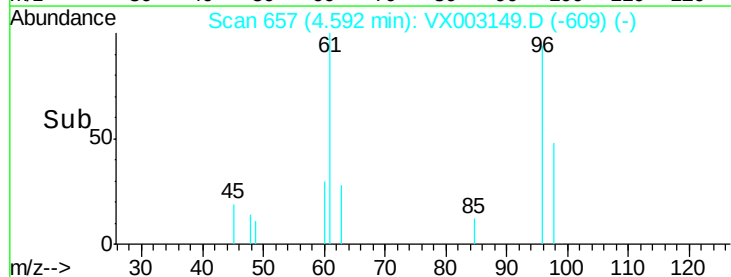
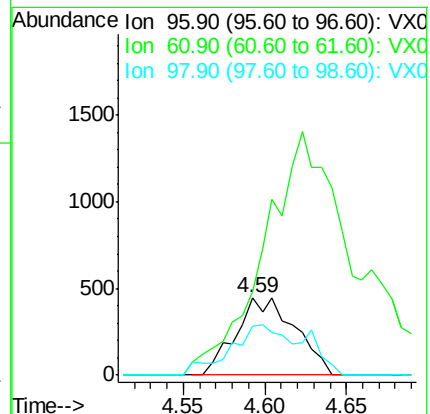
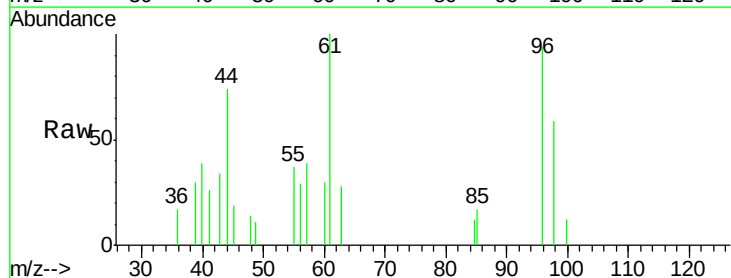
Tgt Ion: 96 Resp: 1126

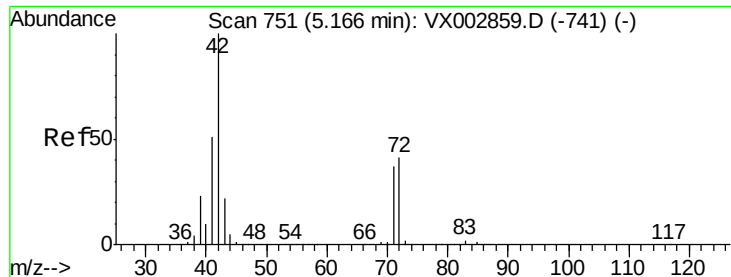
Ion Ratio Lower Upper

96 100

61 0.0 0.0 330.2

98 81.3 0.0 130.2

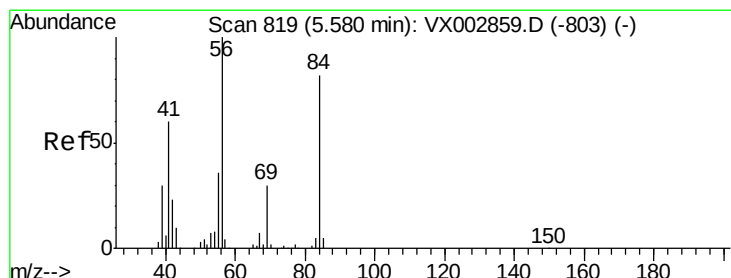
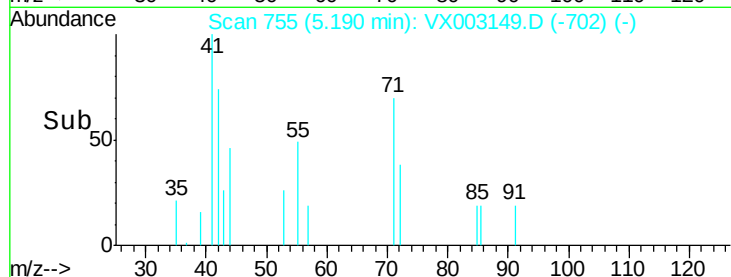
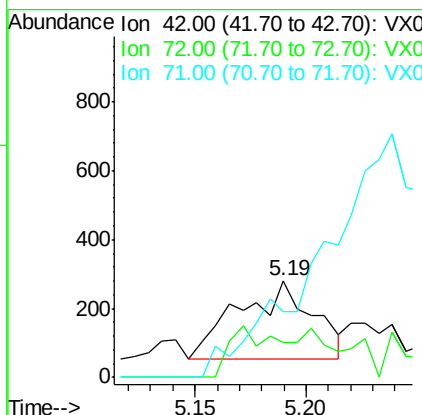
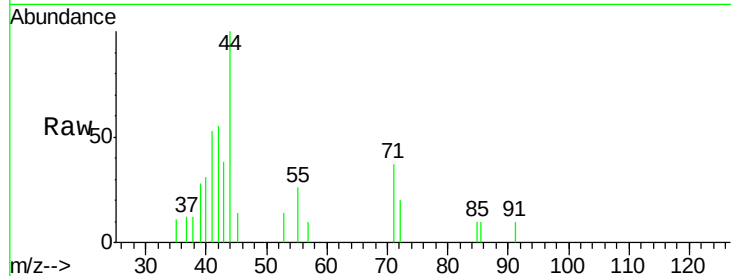




#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

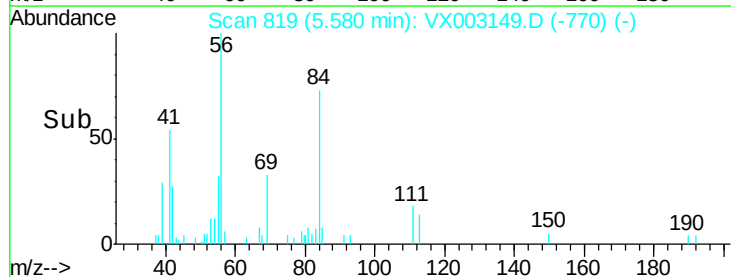
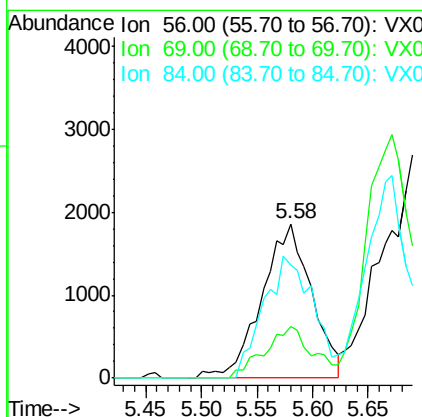
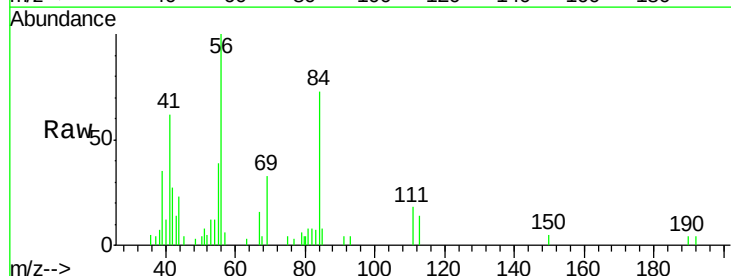
Instrument :
MSVOA_X
ClientSampled :

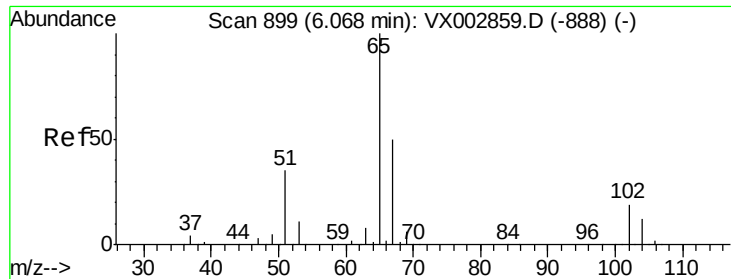
Tot Ion: 42 Resp: 532
Ion Ratio Lower Upper
42 100
72 39.3 32.0 48.0
71 0.0 30.1 45.1#



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 56 Resp: 5752
Ion Ratio Lower Upper
56 100
69 33.5 23.7 35.5
84 73.1 64.1 96.1

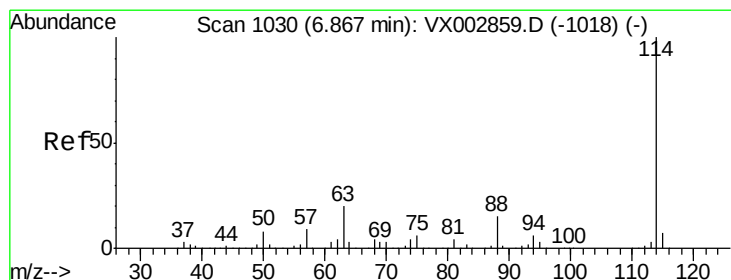
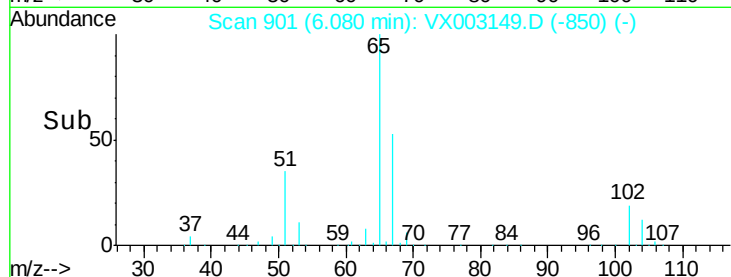
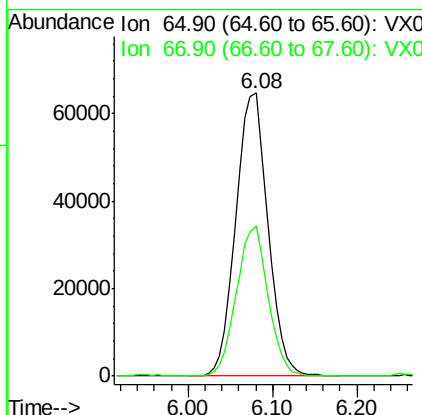
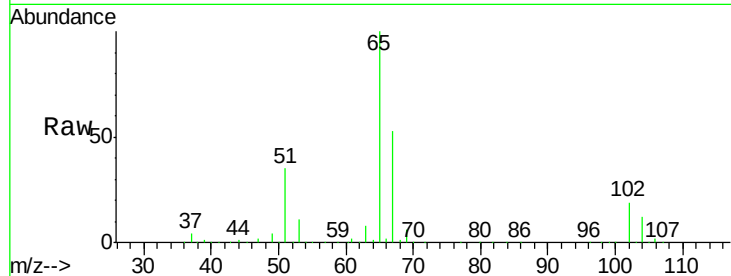




#33
 1,2-Dichloroethane-d4
 Concen: 46.55 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

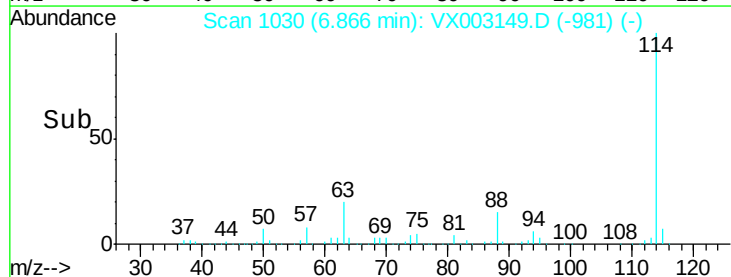
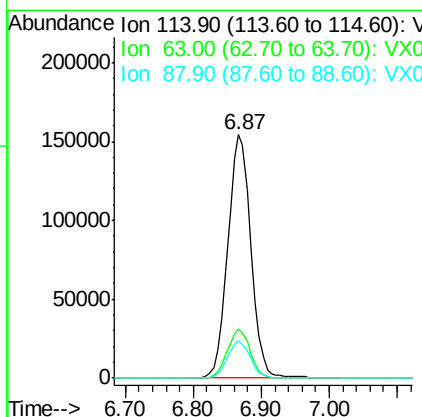
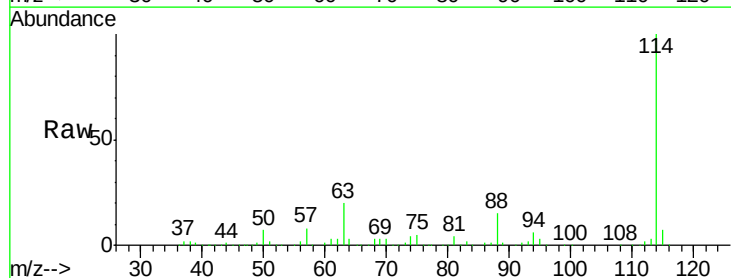
Instrument :
 MSVOA_X
 ClientSampleId :

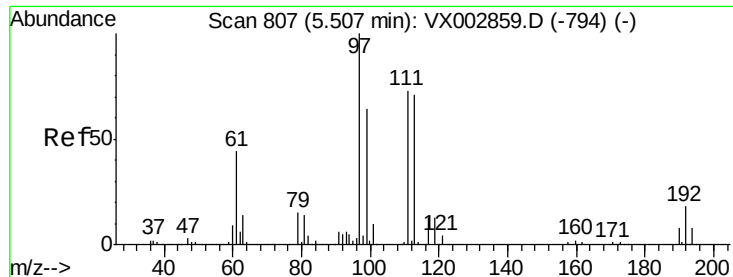
Tot Ion: 65 Resp: 166761
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

Tgt Ion: 114 Resp: 362219
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.4 0.0 30.0

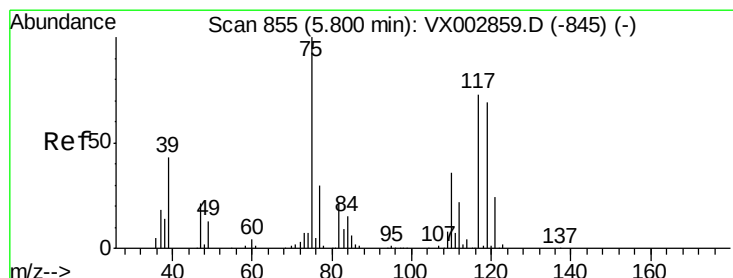
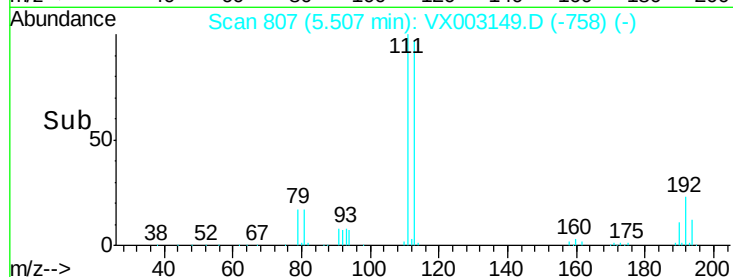
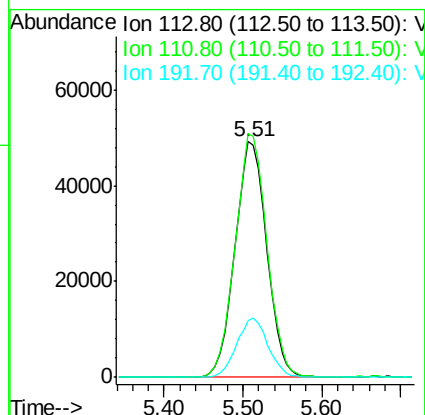
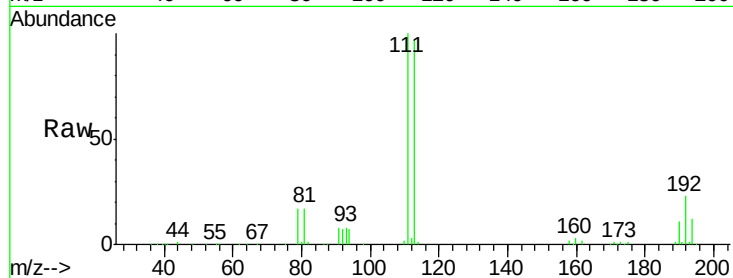




#35
 Dibromofluoromethane
 Concen: 48.19 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

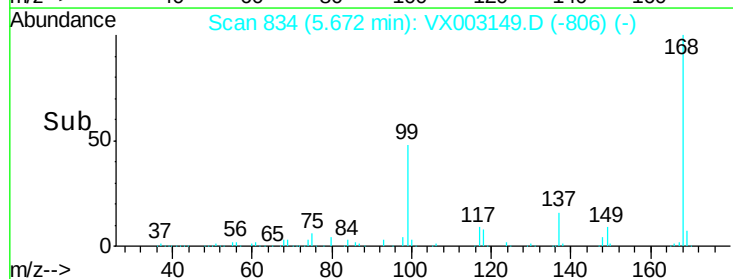
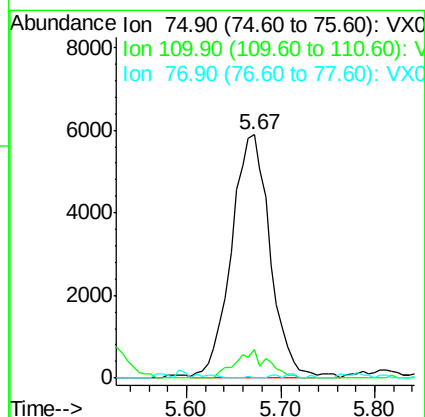
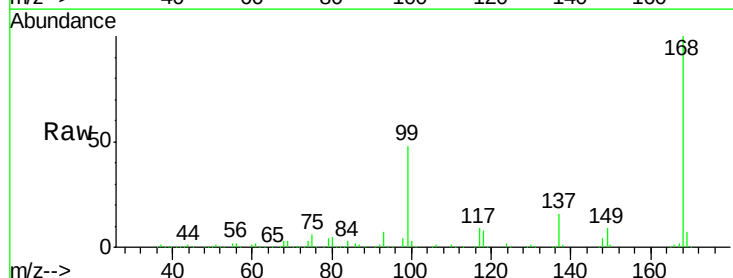
Instrument :
 MSVOA_X
 ClientSampleId :

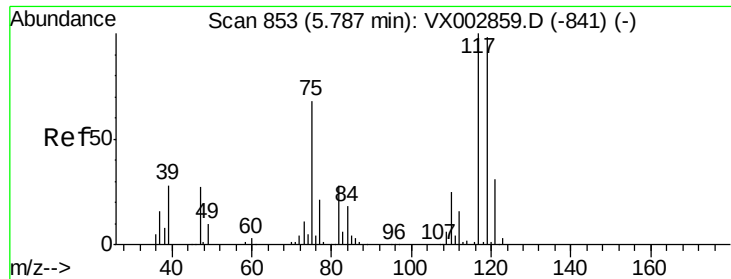
Tot Ion:113 Resp: 138216
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 24.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.26 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

Tgt Ion: 75 Resp: 16941
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.4#
 77 0.1 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.30 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

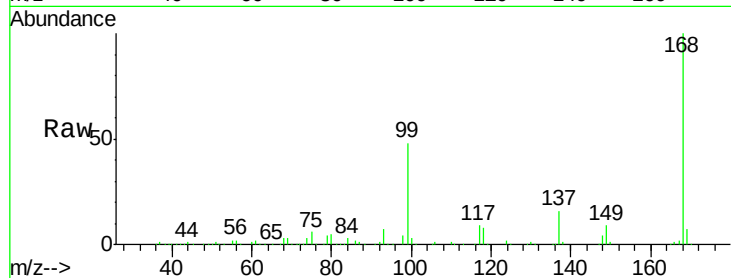
Tot Ion:117 Resp: 23095

Ion Ratio Lower Upper

117 100

119 4.4 77.4 116.0#

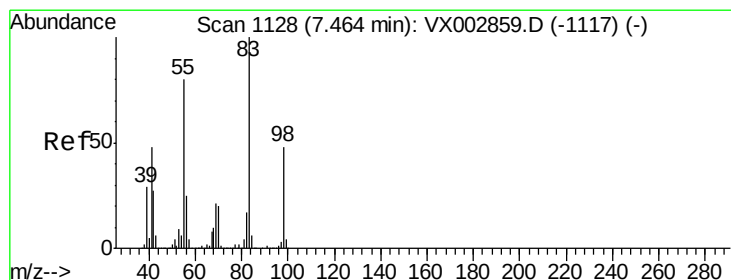
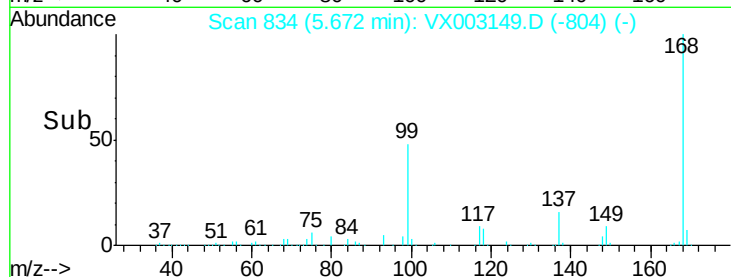
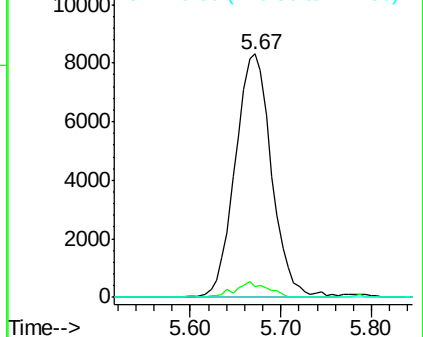
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.71 ug/l

RT: 7.45 min Scan# 1126

Delta R.T. -0.01 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

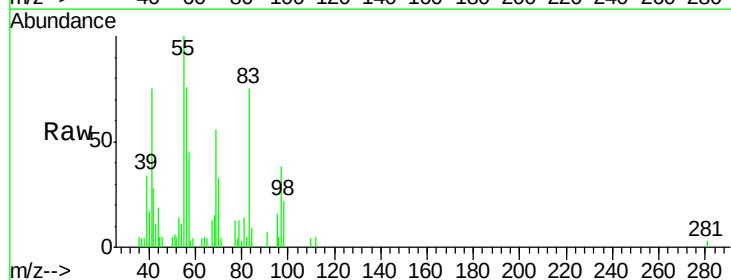
Tgt Ion: 83 Resp: 3301

Ion Ratio Lower Upper

83 100

55 127.8 65.4 98.0#

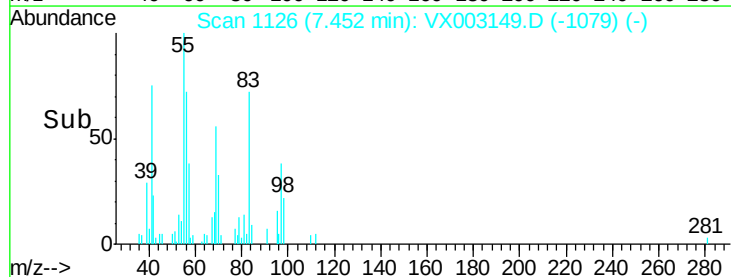
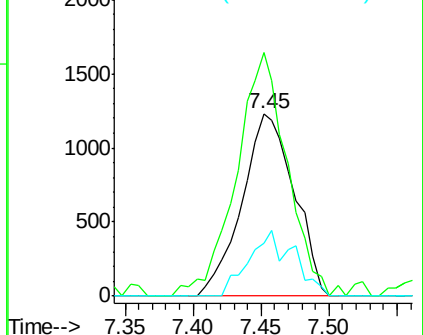
98 28.7 37.4 56.0#

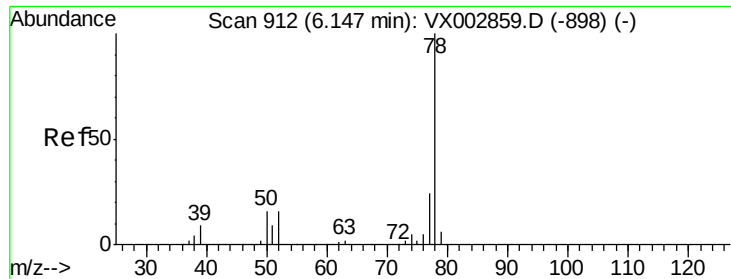


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

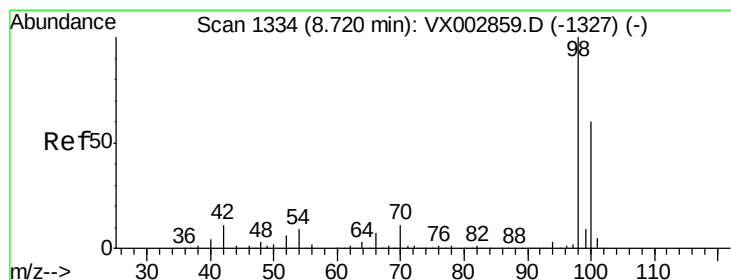
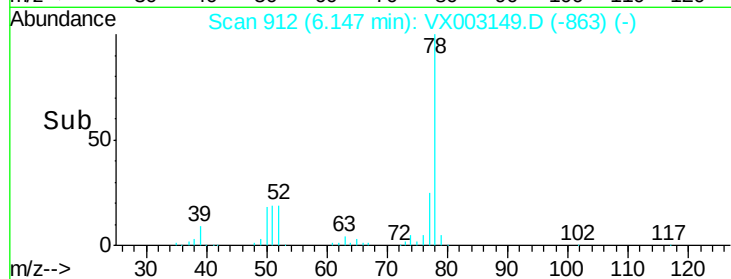
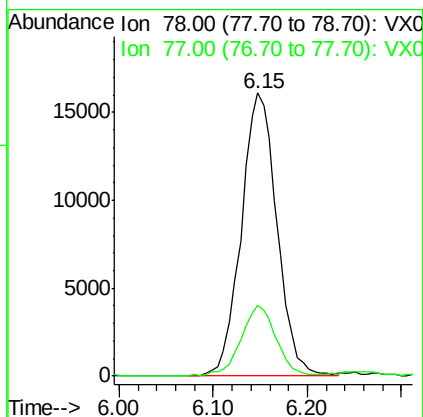
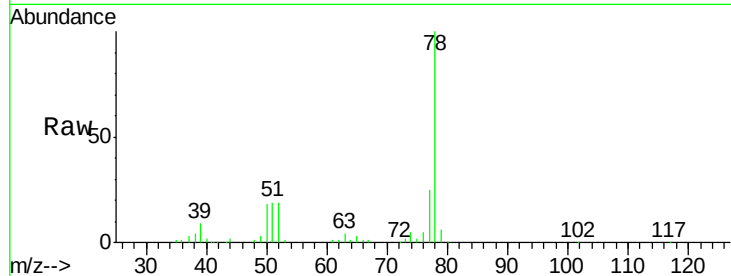




#40
Benzene
Concen: 3.71 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

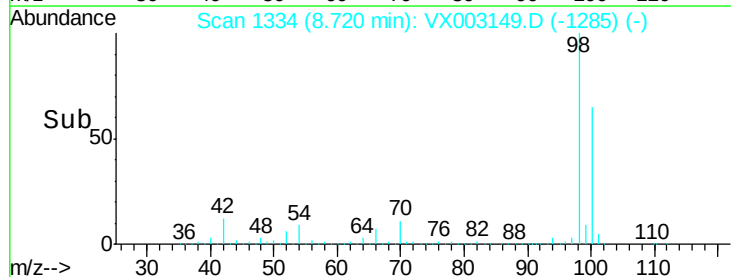
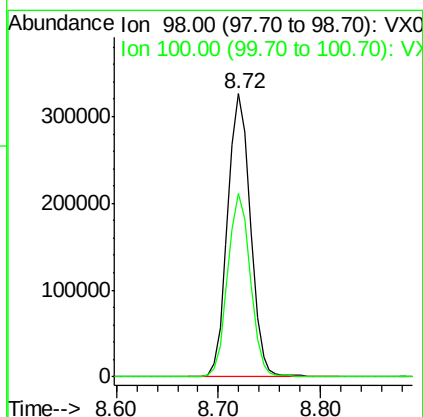
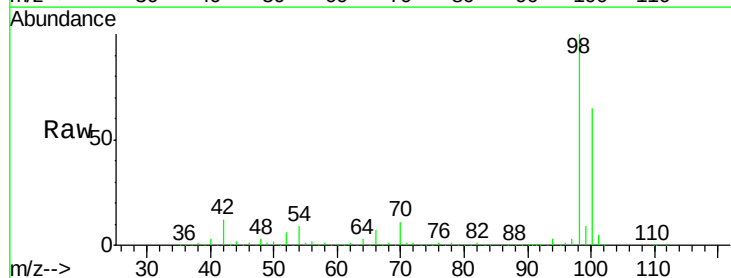
Instrument :
MSVOA_X
ClientSampleId :

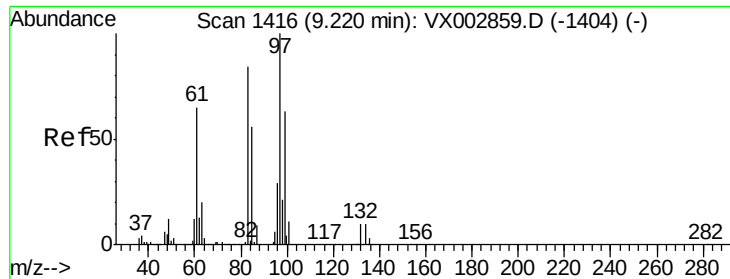
Tot Ion: 78 Resp: 42783
Ion Ratio Lower Upper
78 100
77 25.2 19.1 28.7



#50
Toluene-d8
Concen: 48.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 98 Resp: 507159
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#55

1,1,2-Trichloroethane

Concen: 1.80 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 5472

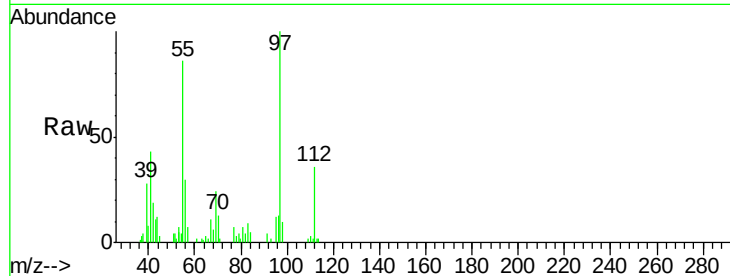
Ion Ratio Lower Upper

97 100

83 8.5 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

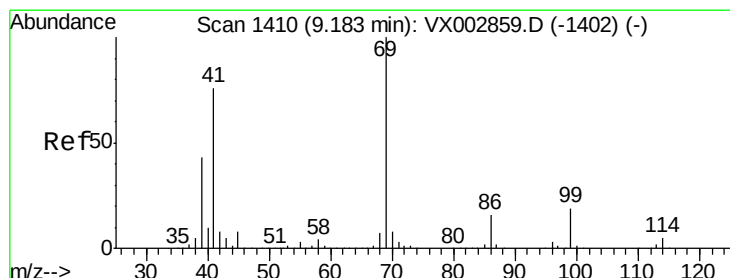
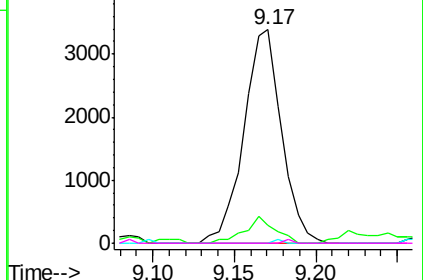
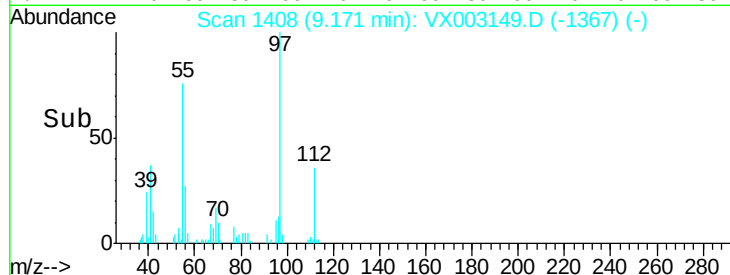


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.32 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

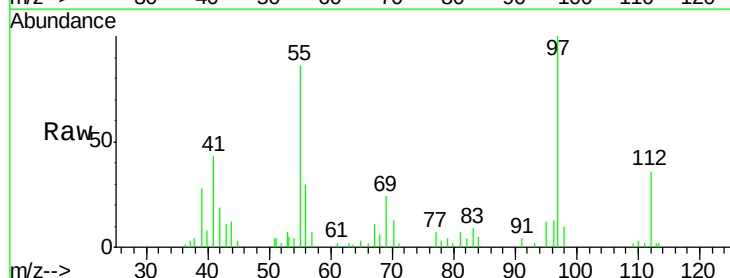
Tgt Ion: 69 Resp: 1420

Ion Ratio Lower Upper

69 100

41 161.8 60.3 90.5#

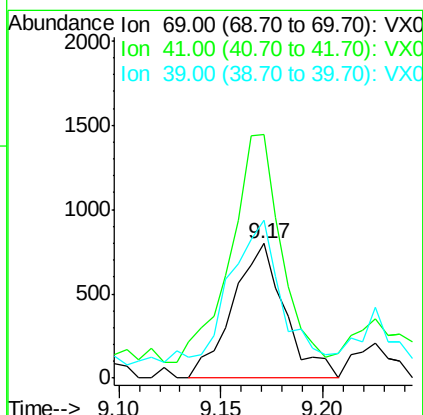
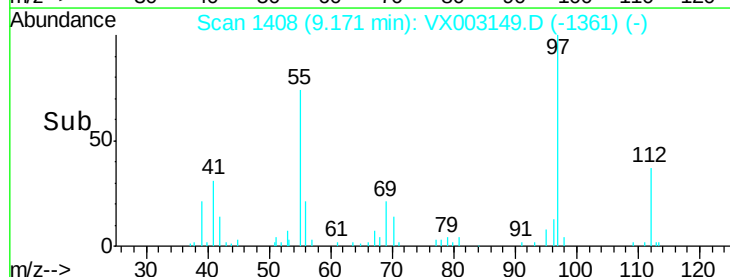
39 99.7 35.8 53.8#

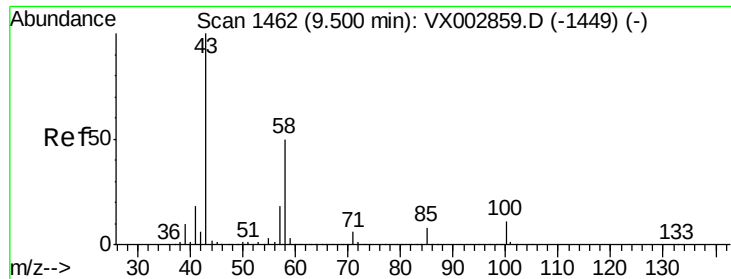


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

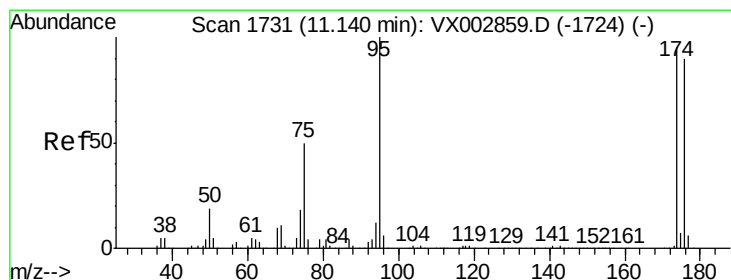
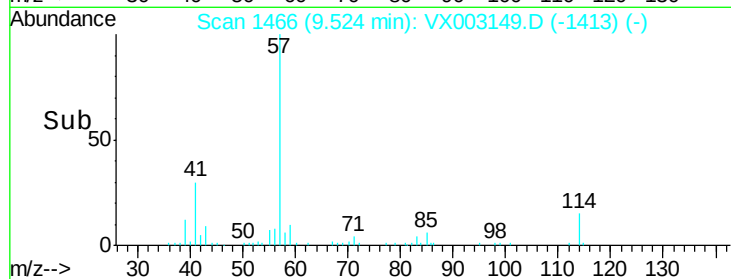
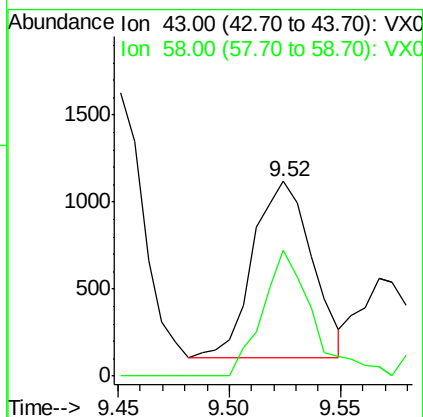
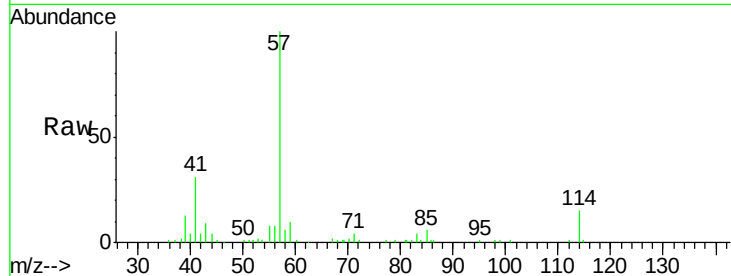




#59
2-Hexanone
Concen: 0.54 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

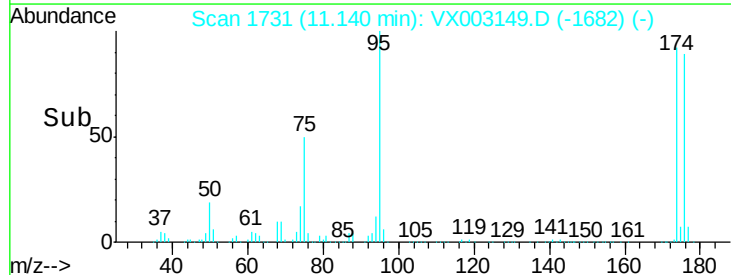
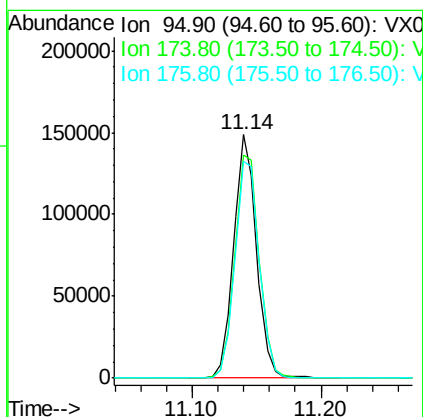
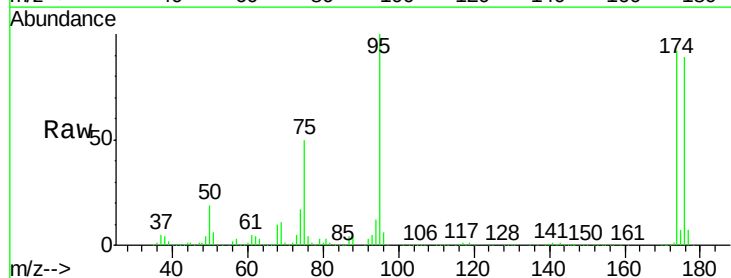
Instrument :
MSVOA_X
ClientSampleId :

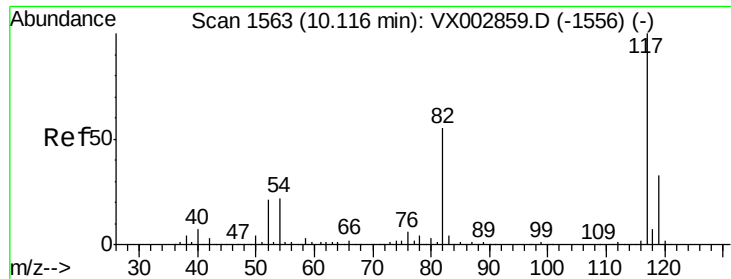
Tot Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
58 60.9 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 45.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 95 Resp: 183701
Ion Ratio Lower Upper
95 100
174 98.5 0.0 187.4
176 95.4 0.0 181.0

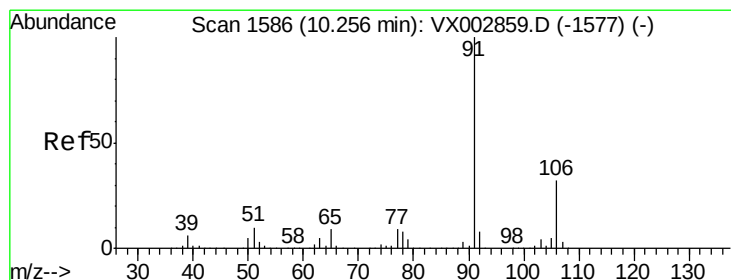
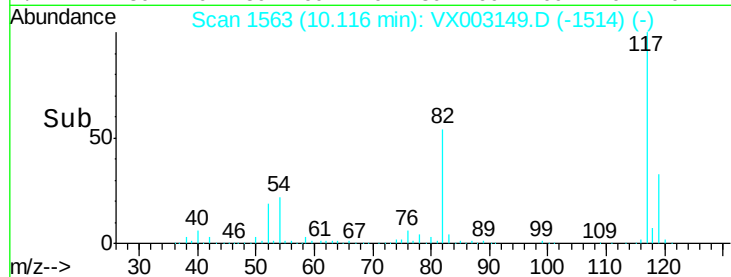
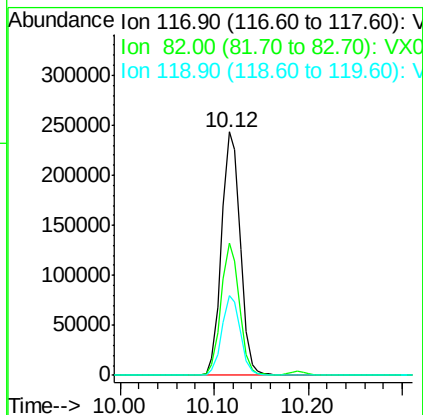
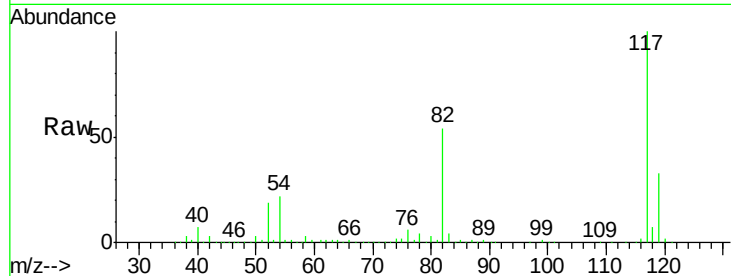




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

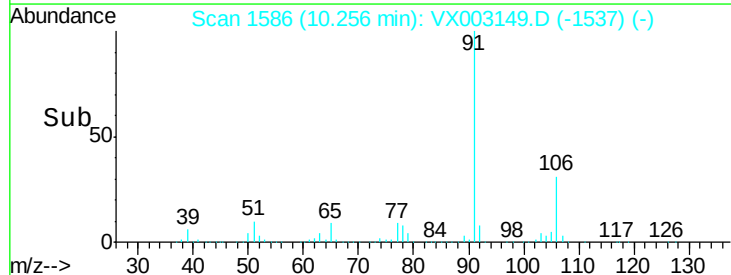
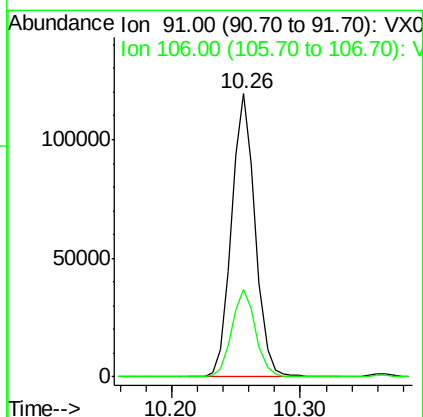
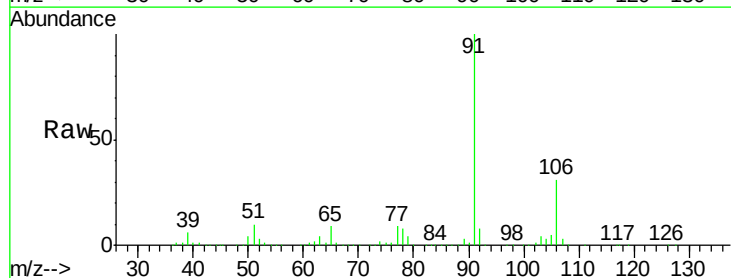
Instrument :
MSVOA_X
ClientSampled :

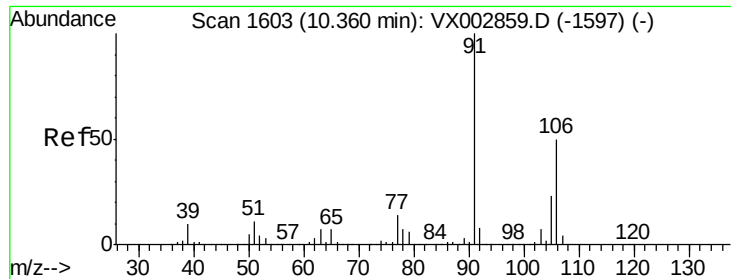
Tot Ion:117 Resp: 336377
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.8 25.8 38.6



#67
Ethyl Benzene
Concen: 10.86 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 91 Resp: 153273
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3





#68

m/p-Xvlenes

Concen: 8.73 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.10 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

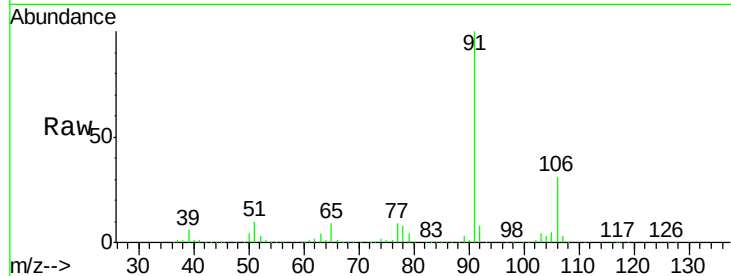
ClientSampleId :

Tot Ion:106 Resp: 47487

Ion Ratio Lower Upper

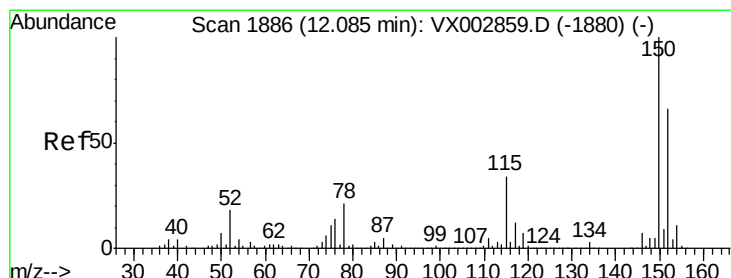
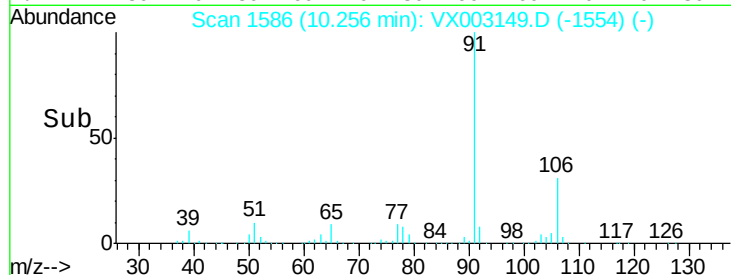
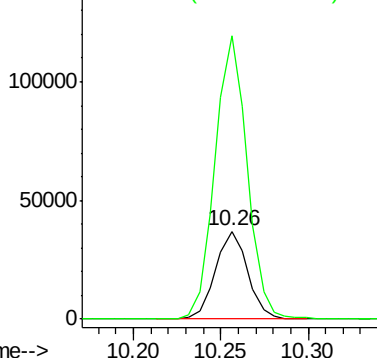
106 100

91 322.8 163.4 245.2#



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# 1886

Delta R.T. -0.00 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

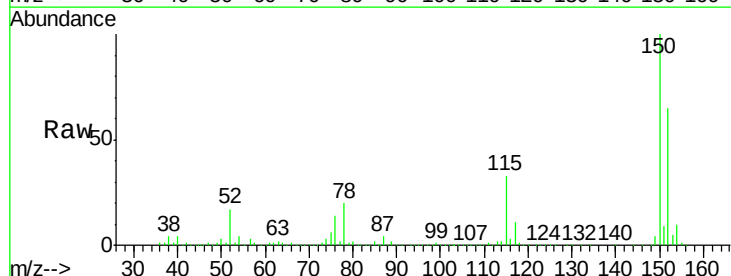
Tgt Ion:152 Resp: 194974

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

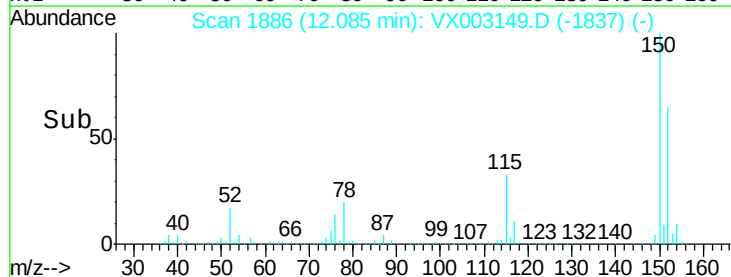
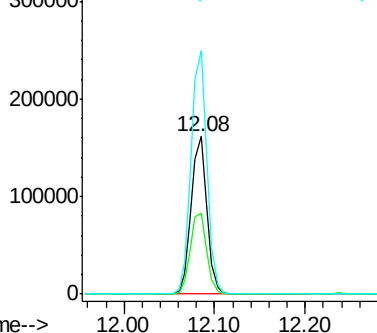
150 155.8 0.0 347.2

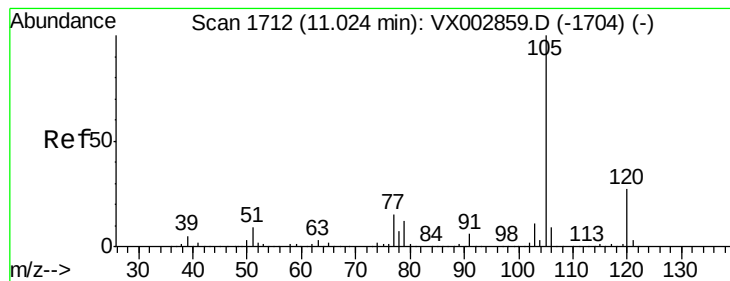


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.52 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

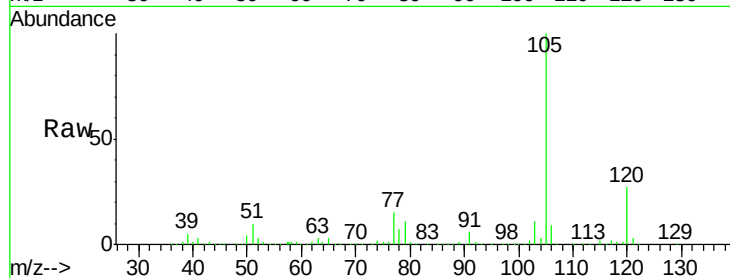
ClientSampleId :

Tot Ion: 105 Resp: 138015

Ion Ratio Lower Upper

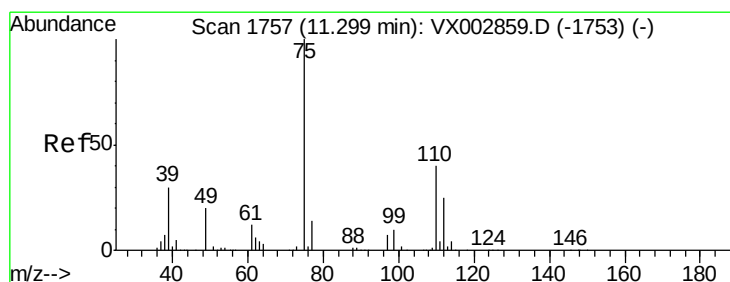
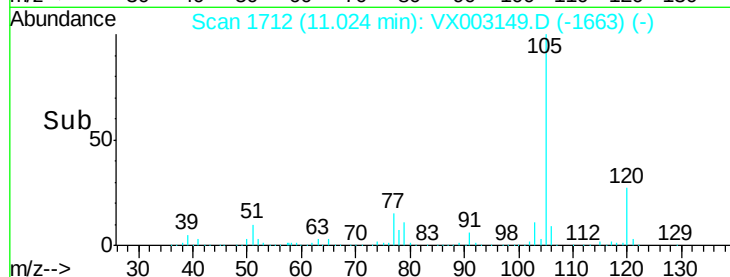
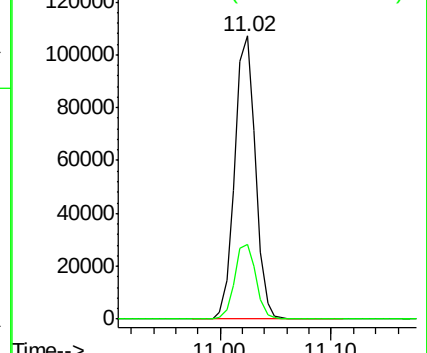
105 100

120 27.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 26.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003149.D

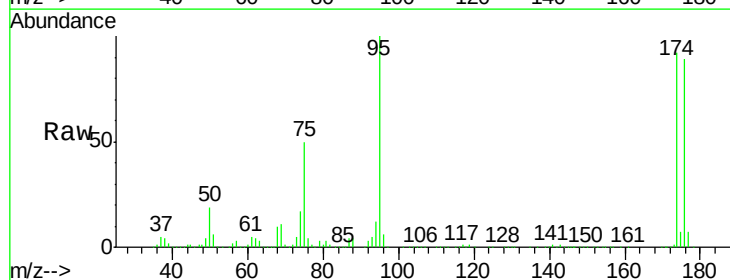
Acq: 03 Jul 2018 15:25

Tgt Ion: 75 Resp: 92600

Ion Ratio Lower Upper

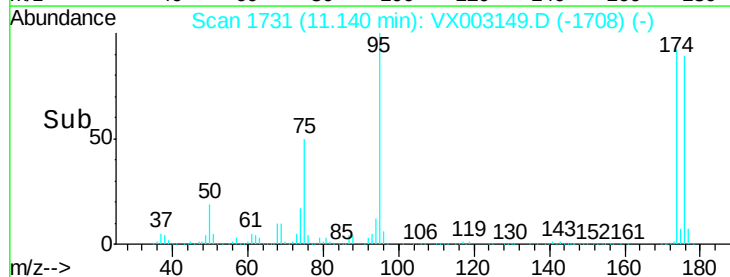
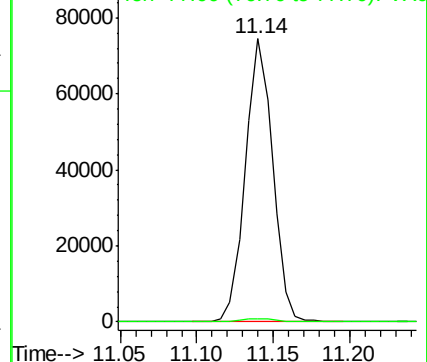
75 100

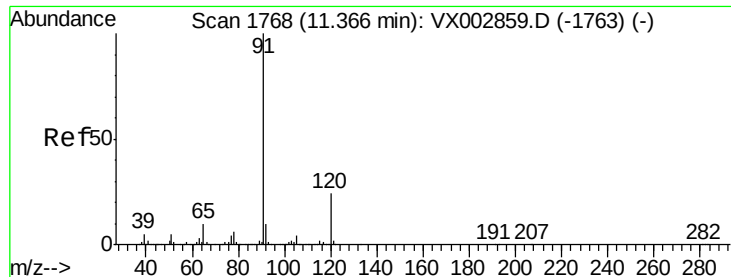
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 7.36 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

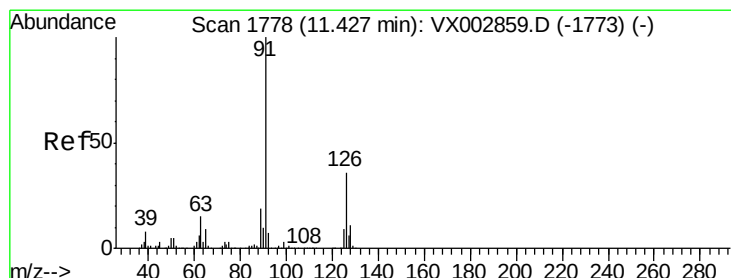
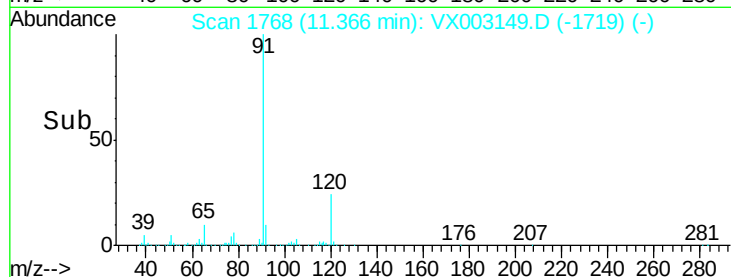
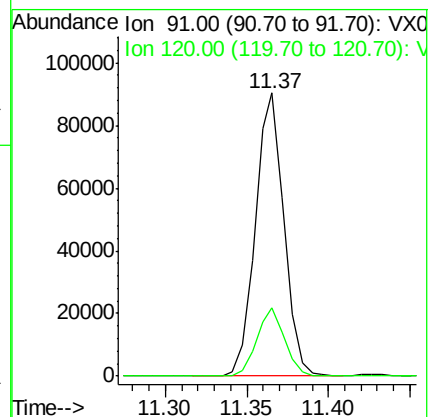
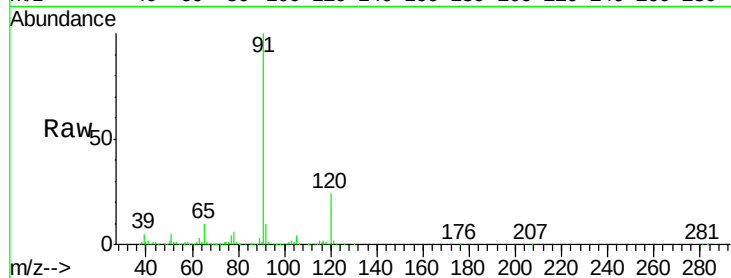
ClientSampled :

Tot Ion: 91 Resp: 109945

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 12.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX003149.D

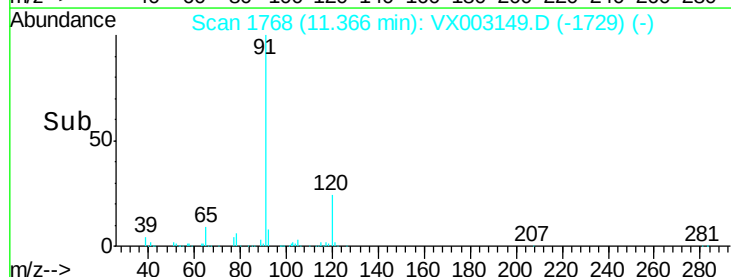
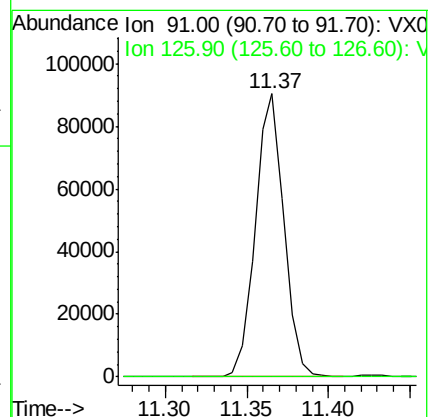
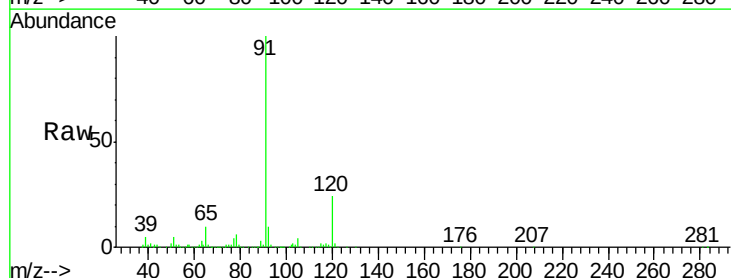
Acq: 03 Jul 2018 15:25

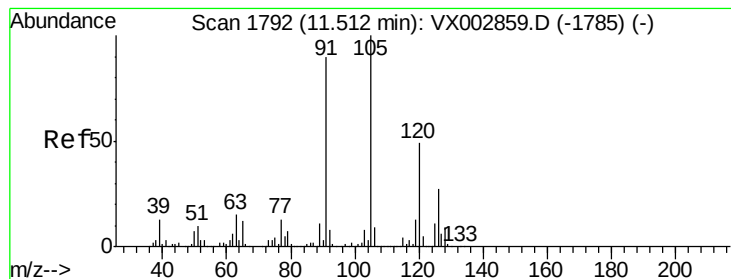
Tgt Ion: 91 Resp: 109945

Ion Ratio Lower Upper

91 100

126 0.2 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 0.32 ug/l

RT: 11.67 min Scan# 1818

Delta R.T. 0.16 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

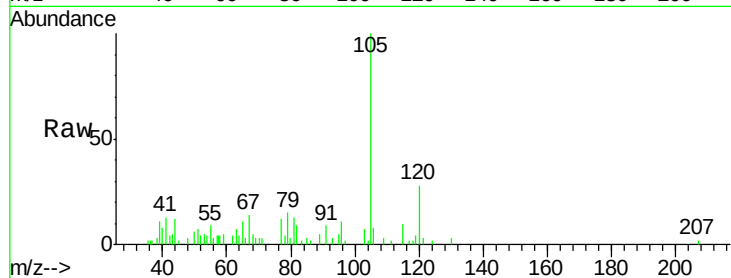
ClientSampleId :

Tot Ion:105 Resp: 3530

Ion Ratio Lower Upper

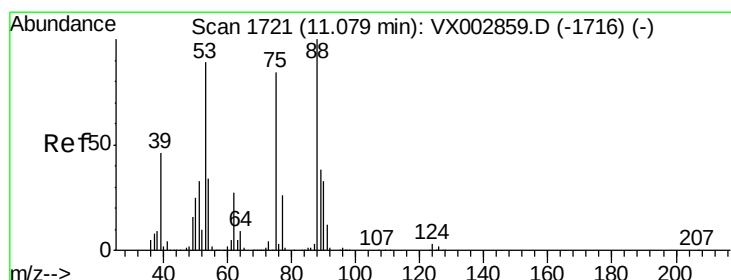
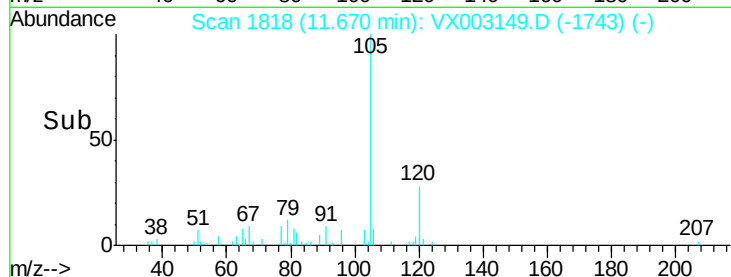
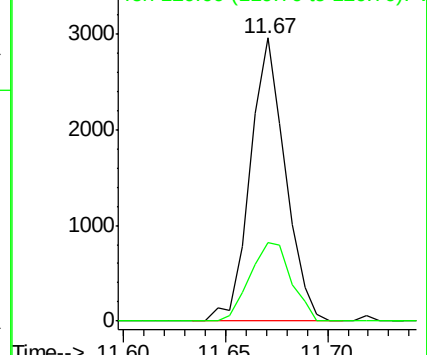
105 100

120 32.6 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: 74.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

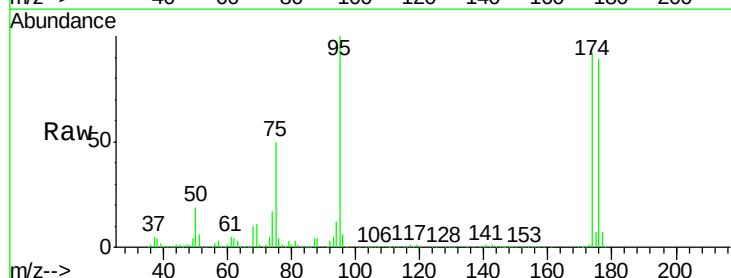
Tgt Ion: 75 Resp: 92600

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

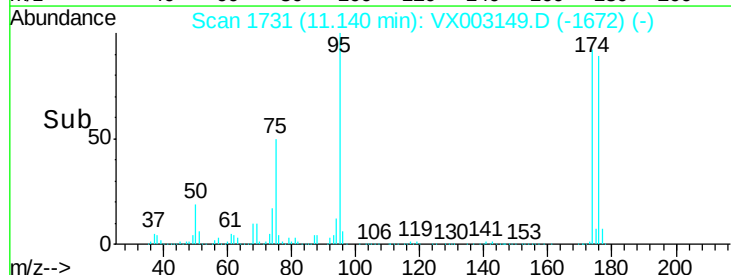
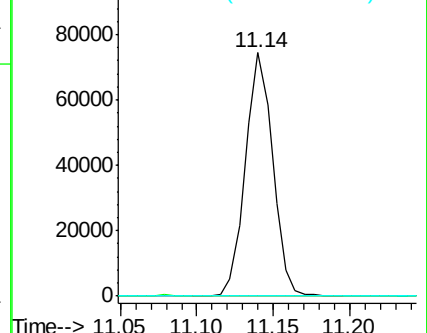
89 0.0 38.2 57.2#

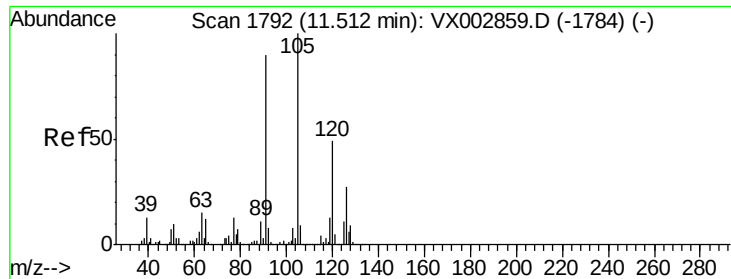


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

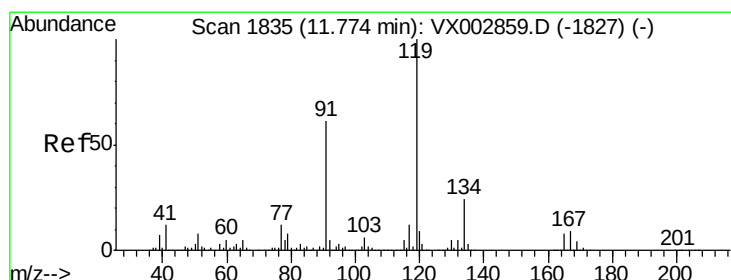
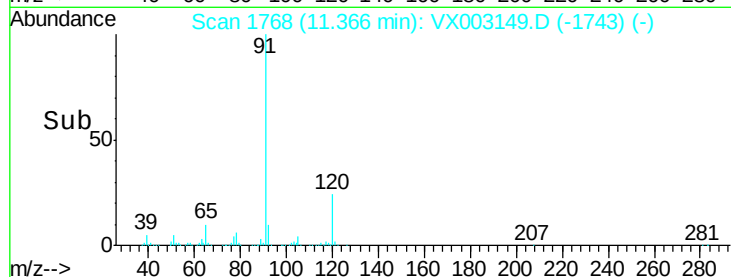
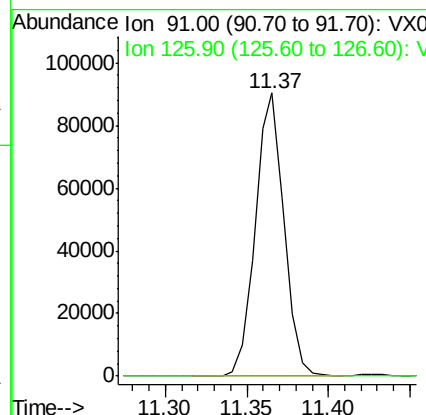
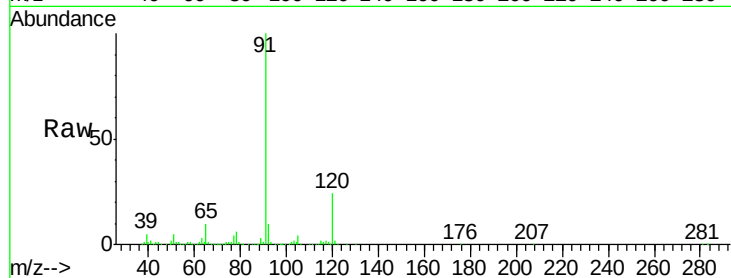




#82
4-Chlorotoluene
Concen: 10.27 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.15 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

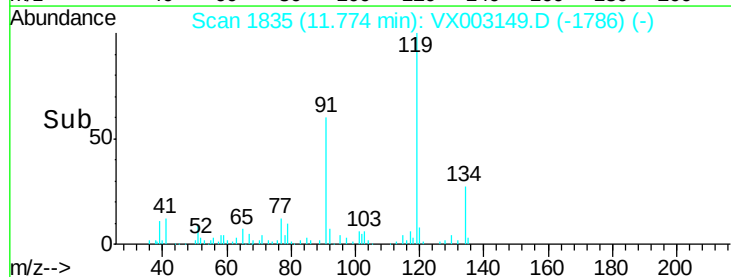
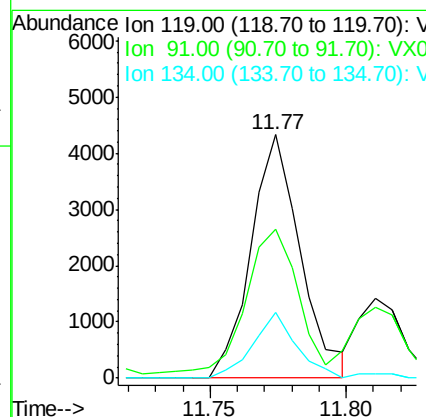
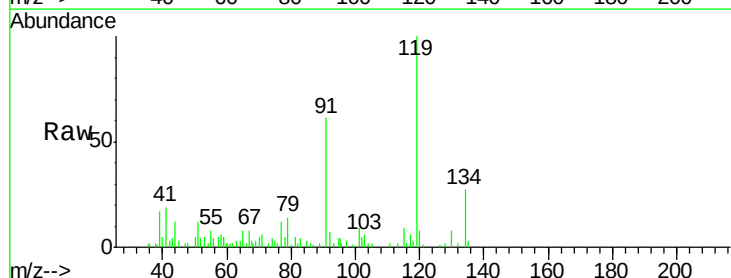
Instrument :
MSVOA_X
ClientSampled :

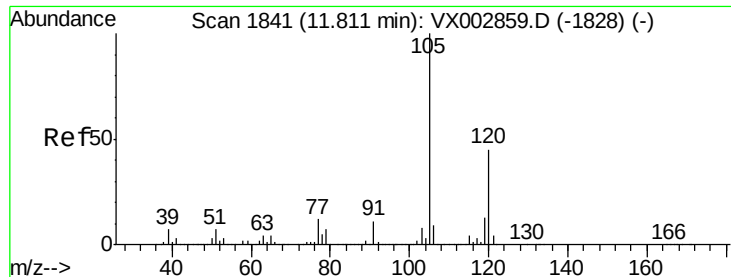
Tot Ion: 91 Resp: 109945
Ion Ratio Lower Upper
91 100
126 0.2 15.4 46.4#



#83
tert-Butylbenzene
Concen: 0.50 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 119 Resp: 5444
Ion Ratio Lower Upper
119 100
91 61.1 30.3 90.9
134 24.6 11.7 35.1

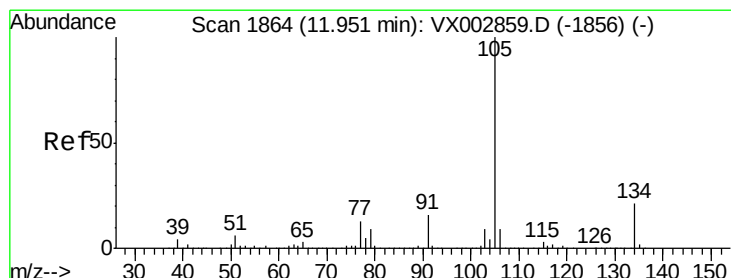
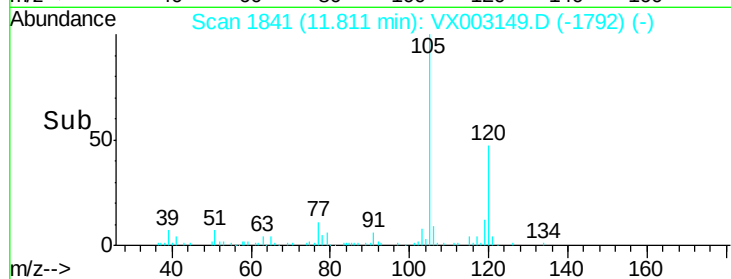
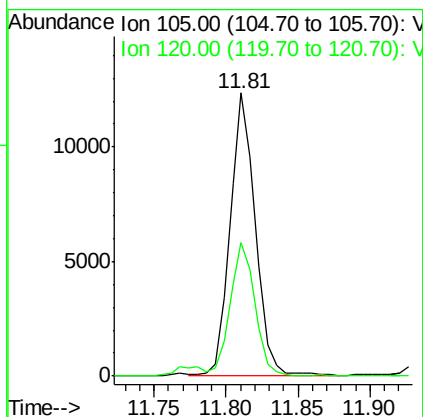
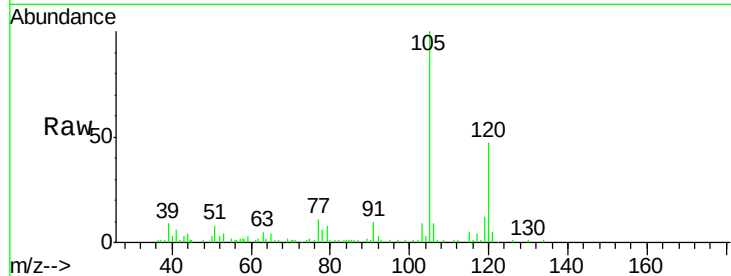




#84
 1,2,4-Trimethylbenzene
 Concen: 1.34 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

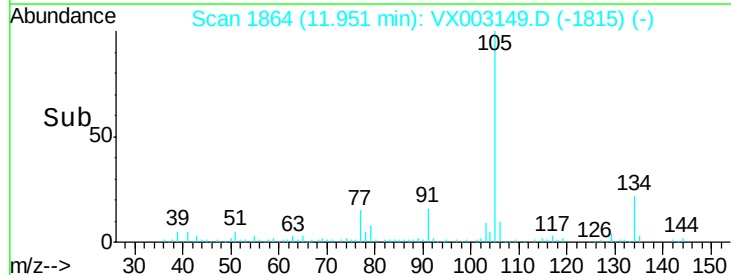
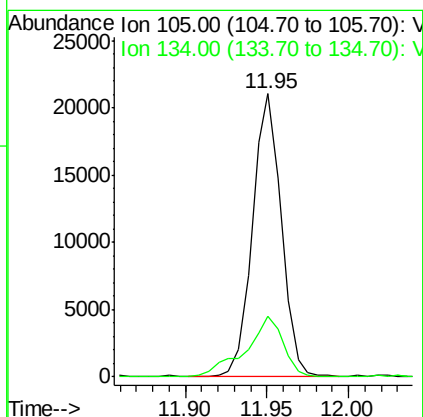
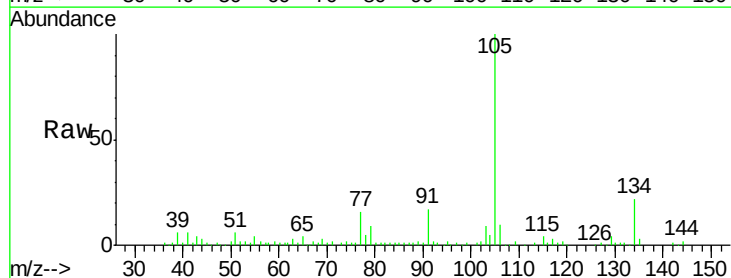
Instrument :
 MSVOA_X
 ClientSampled :

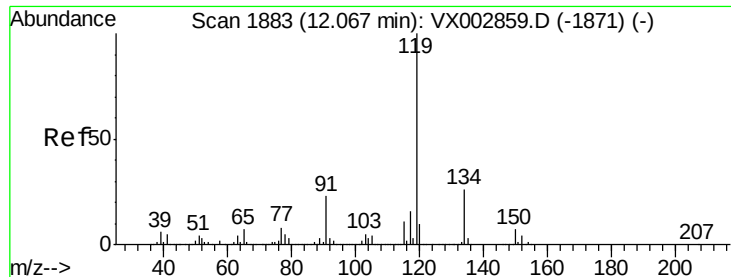
Tot Ion:105 Resp: 15309
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 1.97 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003149.D
 Acq: 03 Jul 2018 15:25

Tgt Ion:105 Resp: 25980
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.4 31.1

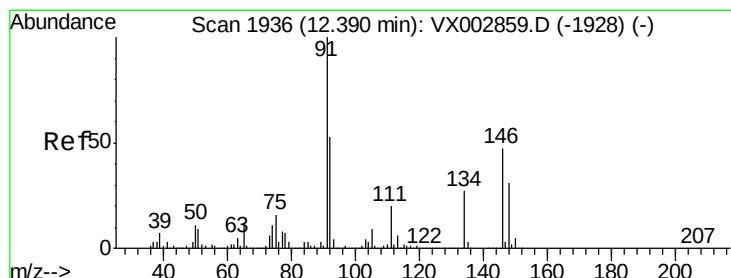
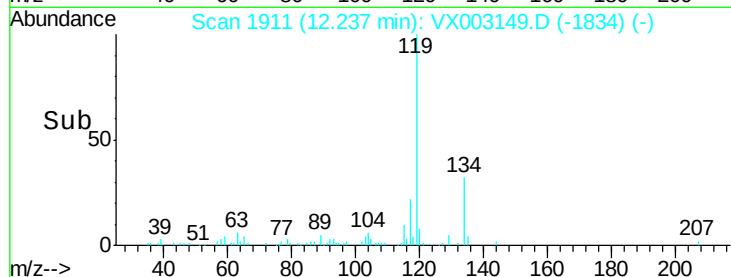
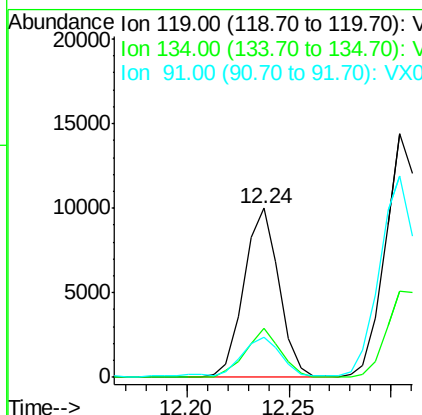
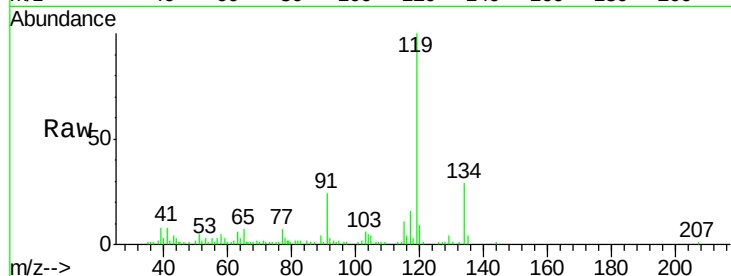




#86
p-Isopropyltoluene
Concen: 1.01 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

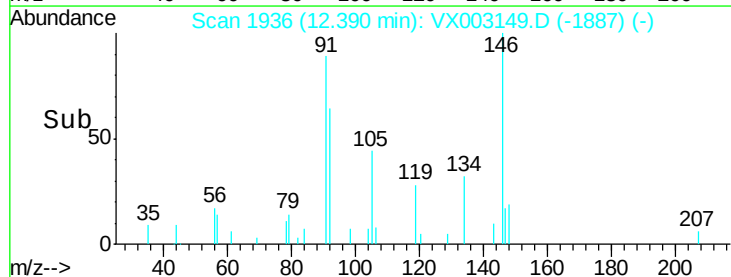
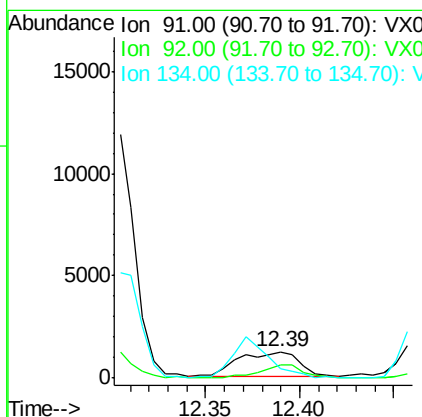
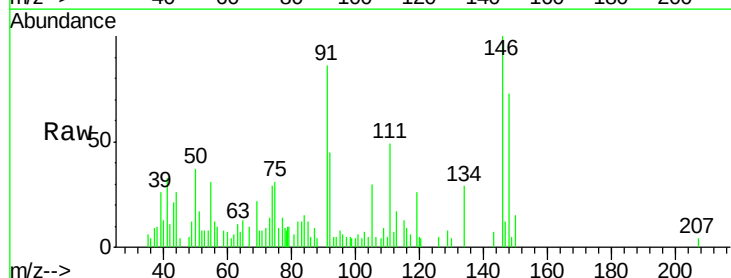
Instrument :
MSVOA_X
ClientSampleId :

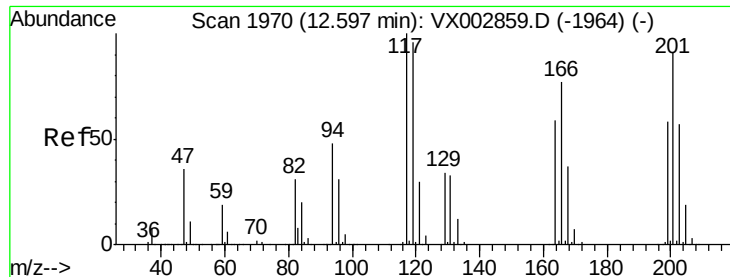
Tot Ion:119 Resp: 11956
Ion Ratio Lower Upper
119 100
134 28.8 13.4 40.1
91 28.8 11.9 35.7



#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003149.D
Acq: 03 Jul 2018 15:25

Tgt Ion: 91 Resp: 2581
Ion Ratio Lower Upper
91 100
92 39.5 26.0 78.0
134 105.2 13.5 40.5#





#90

Hexachloroethane

Concen: 8.88 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

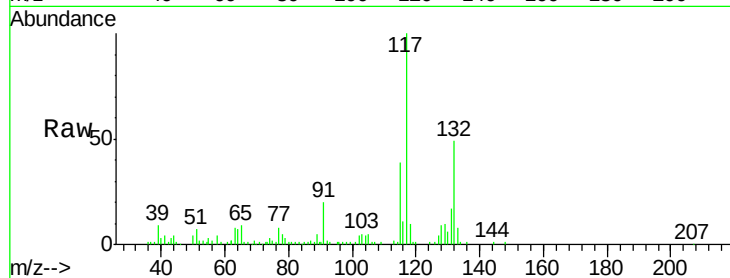
ClientSampled :

Tot Ion:117 Resp: 15677

Ion Ratio Lower Upper

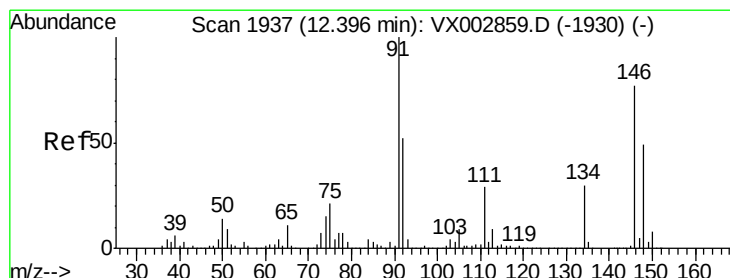
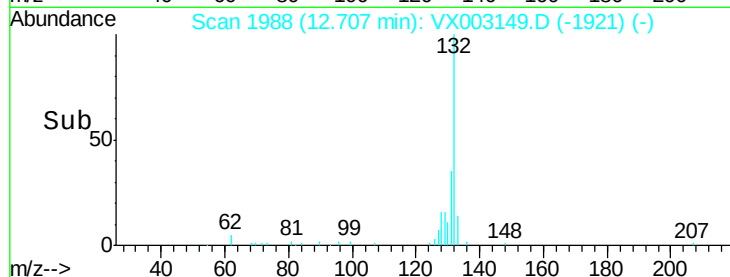
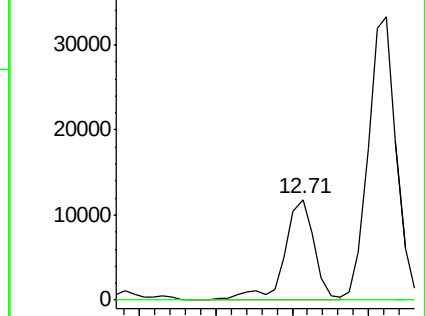
117 100

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



#91

1,2-Dichlorobenzene

Concen: 0.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

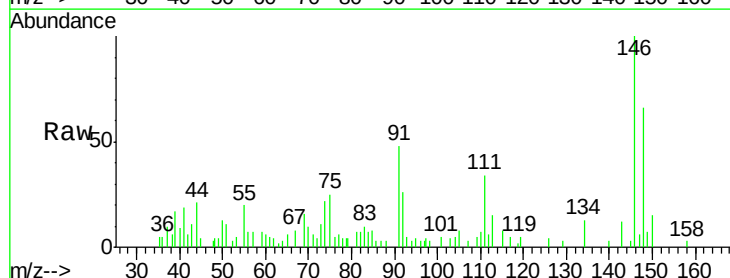
Tgt Ion:146 Resp: 2843

Ion Ratio Lower Upper

146 100

111 40.6 19.4 58.1

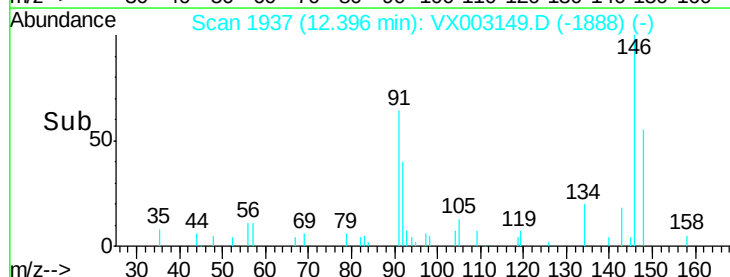
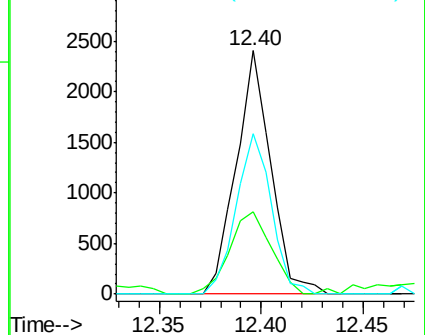
148 66.7 31.7 95.1

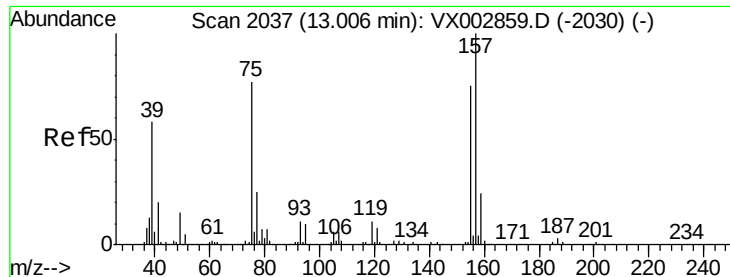


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.22 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

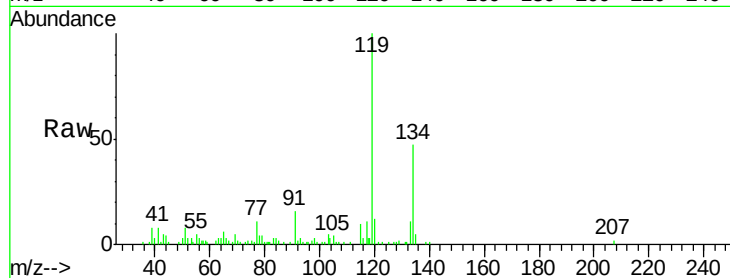
Tot Ion: 75 Resp: 204

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

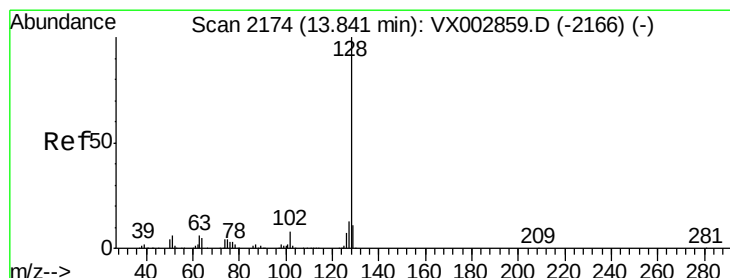
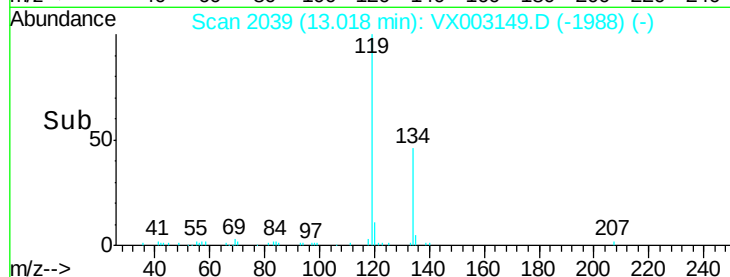
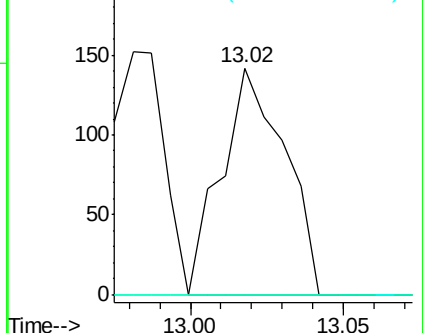
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003149.D

Acq: 03 Jul 2018 15:25

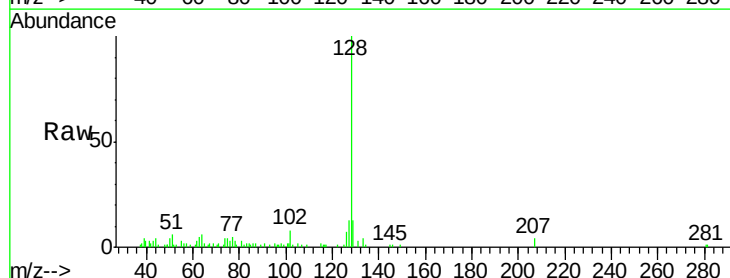
Tgt Ion:128 Resp: 9556

Ion Ratio Lower Upper

128 100

127 16.0 10.4 15.6#

129 16.5 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

