

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002428.D
 Acq On : 09 Jun 2018 18:22
 Operator : JC/MD
 Sample : J3394-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 04:08:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156958	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148985	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	5.51	113	112652	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
50) Toluene-d8	8.72	98	443366	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.14	95	152754	42.48	ug/l	0.00
Spiked Amount			Recovery	=	84.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1225	Below Cal	#	80
5) Bromomethane	1.65	94	1561	Below Cal	#	64
8) Diethyl Ether	1.93	74	68	Below Cal		59
10) Methyl Iodide	2.52	142	1897	0.60	ug/l	90
11) Tert butyl alcohol	3.08	59	1370	Below Cal	#	48
13) Acrolein	2.31	56	202	Below Cal	#	68
15) Acrylonitrile	3.15	53	265	Below Cal	#	17
16) Acetone	2.45	43	2800	Below Cal		97
17) Carbon Disulfide	2.57	76	1246	0.21	ug/l	# 82
18) Methyl Acetate	2.77	43	276	Below Cal	#	84
19) Methyl tert-butyl Ether	3.21	73	1829	Below Cal	#	48
20) Methylene Chloride	2.86	84	660	Below Cal	#	63
22) Diisopropyl ether	3.85	45	148	Below Cal	#	48
28) Bromochloromethane	5.03	49	21	Below Cal	#	13
31) Cyclohexane	5.58	56	16896	4.46	ug/l	95
36) 1,1-Dichloropropene	5.67	75	14726	4.53	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	19609	5.76	ug/l	# 16
39) Methylcyclohexane	7.46	83	31531	8.07	ug/l	98
49) 1,4-Dioxane	8.02	88	20	0.32	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.66	43	953	0.23	ug/l	# 39
55) 1,1,2-Trichloroethane	9.16	97	5833	2.24	ug/l	# 18
56) Ethyl methacrylate	9.16	69	1516	0.36	ug/l	# 28
59) 2-Hexanone	9.45	43	1621	0.51	ug/l	# 34
65) Chlorobenzene	10.14	112	11926	1.70	ug/l	97
73) Isopropylbenzene	11.02	105	297529	27.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	2102	0.61	ug/l	# 44
76) 1,2,3-Trichloropropane	11.14	75	83269	24.18	ug/l	# 31
78) n-propylbenzene	11.37	91	282541	23.28	ug/l	99
79) 2-Chlorotoluene	11.37	91	282541	36.87	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.02	75	3755	3.82	ug/l	# 71
82) 4-Chlorotoluene	11.37	91	282541	31.94	ug/l	# 44
83) tert-Butylbenzene	11.77	119	25099	2.75	ug/l	94
84) 1,2,4-Trimethylbenzene	11.95	105	171587	17.80	ug/l	# 32
85) sec-Butylbenzene	11.95	105	171587	16.05	ug/l	85

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

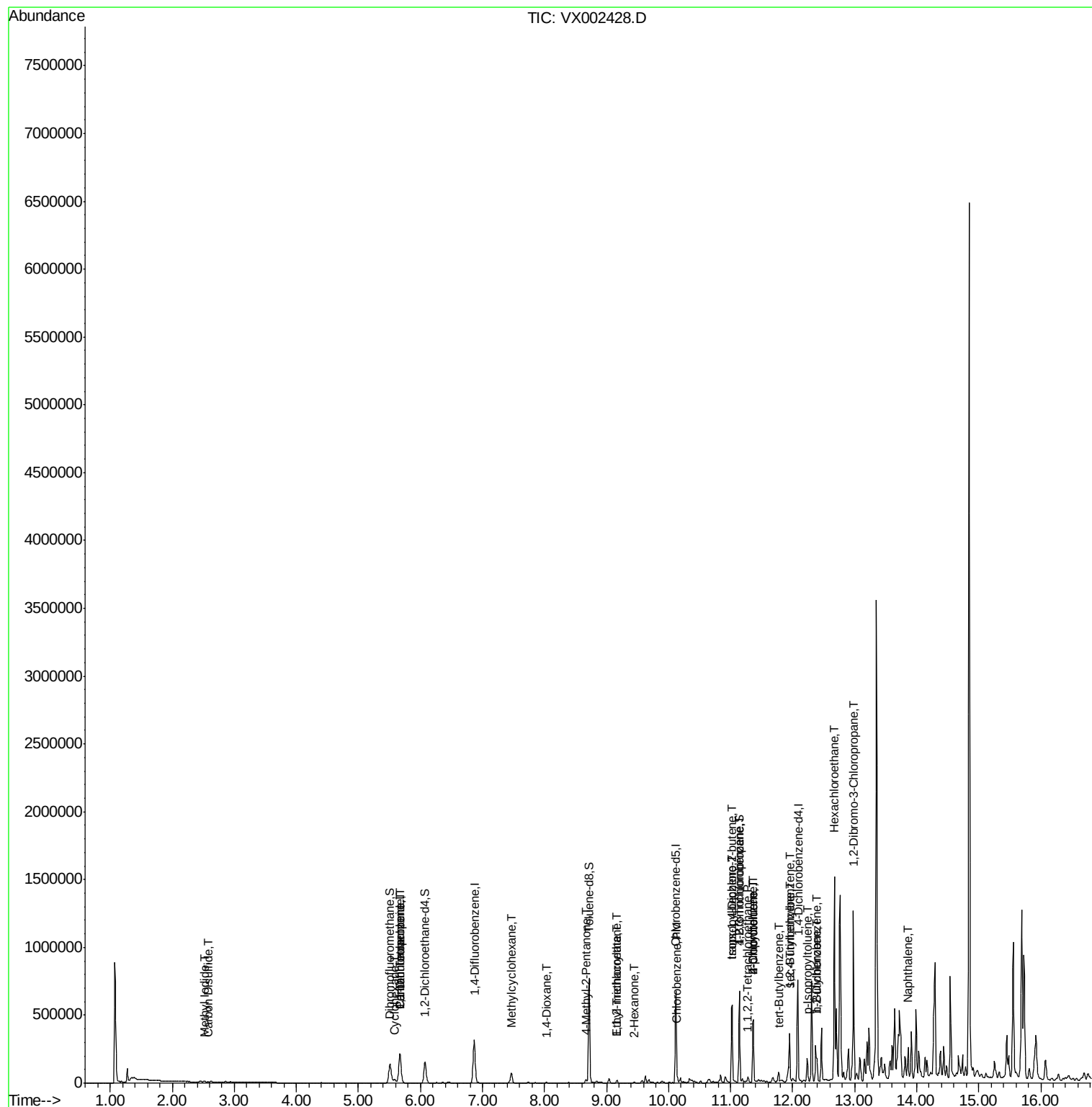
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.24	119	69892	7.18	ug/l	96
89) n-Butylbenzene	12.39	91	66291	8.12	ug/l #	69
90) Hexachloroethane	12.67	117	67601	43.49	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	6004	1.06	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4308	5.74	ug/l #	1
95) Naphthalene	13.86	128	6656	0.58	ug/l #	28

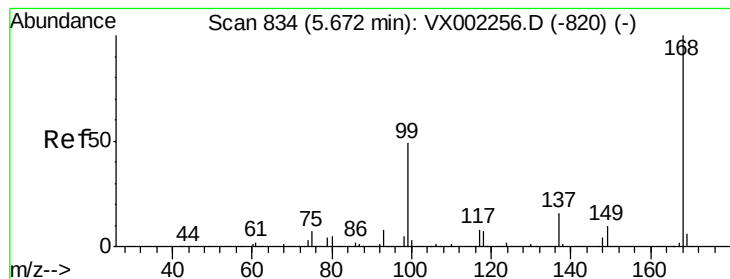
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

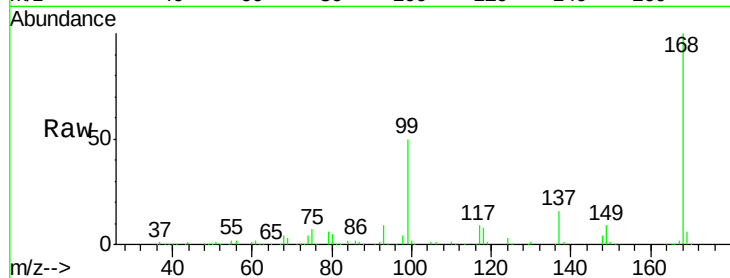
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 209699

Ion Ratio Lower Upper

168 100

99 49.7 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

80000

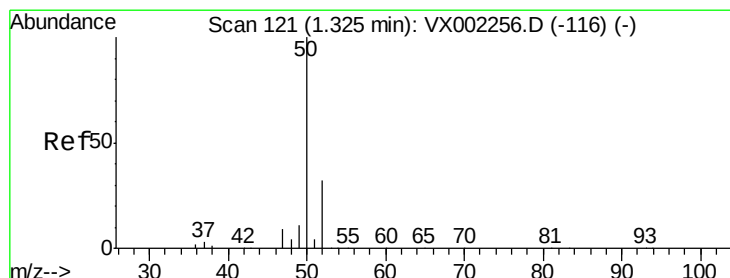
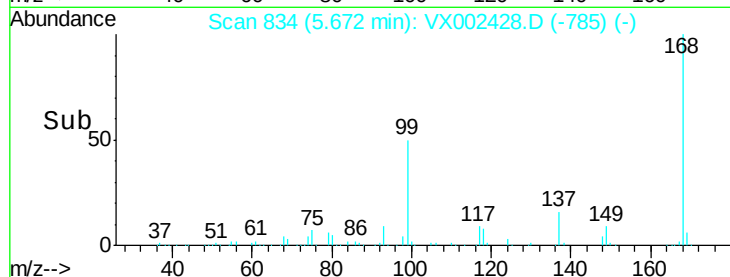
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002428.D

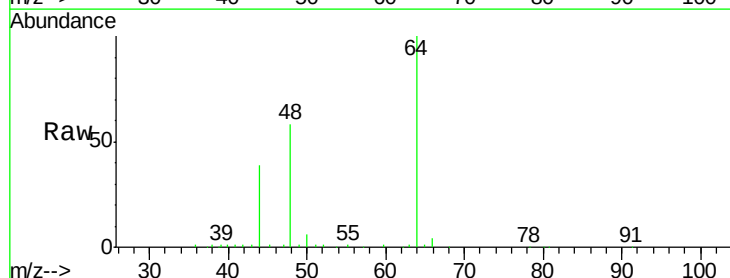
Acq: 09 Jun 2018 18:22

Tgt Ion: 50 Resp: 1225

Ion Ratio Lower Upper

50 100

52 21.2 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

1000

800

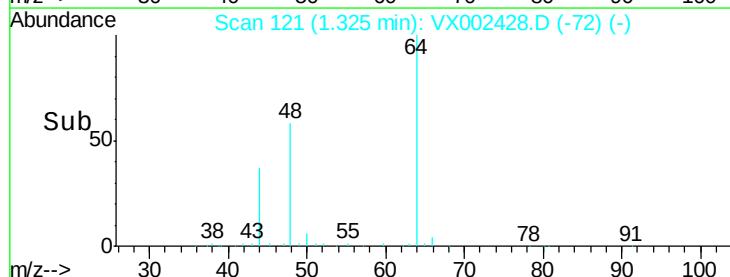
600

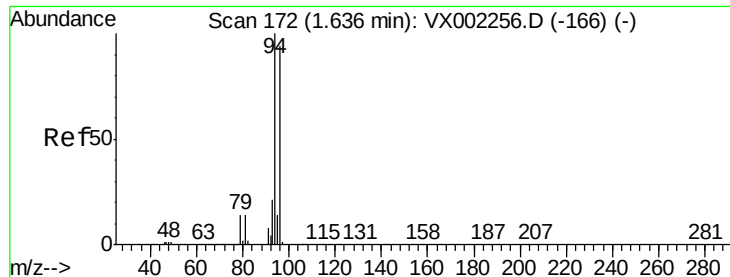
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

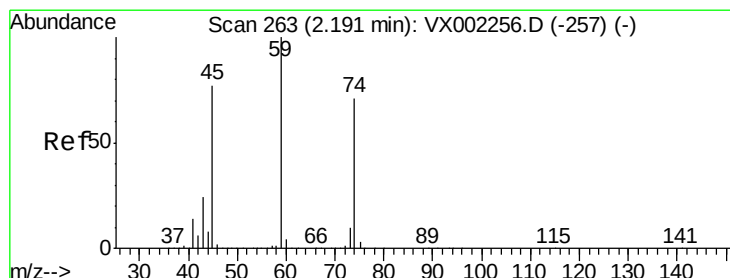
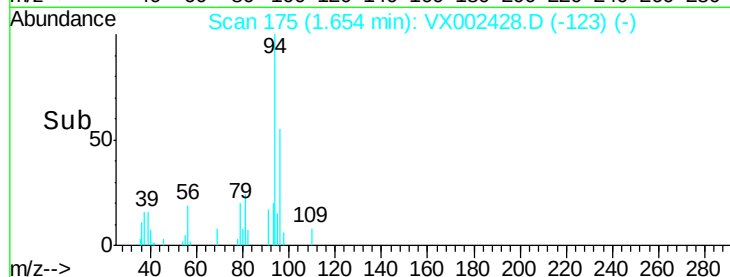
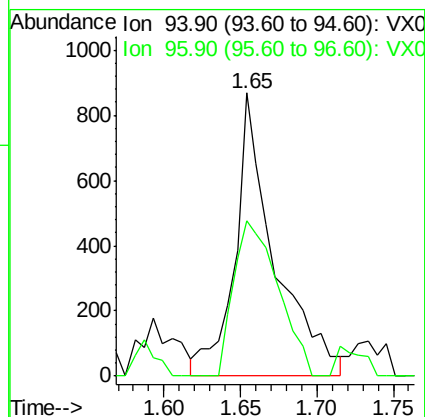
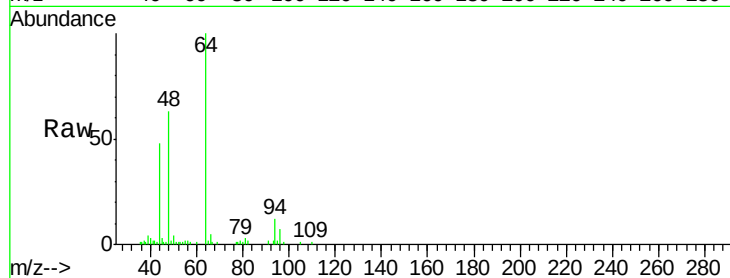
ClientSampleId :

Tot Ion: 94 Resp: 1561

Ion Ratio Lower Upper

94 100

96 58.5 74.9 112.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 1.93 min Scan# 221

Delta R.T. -0.26 min

Lab File: VX002428.D

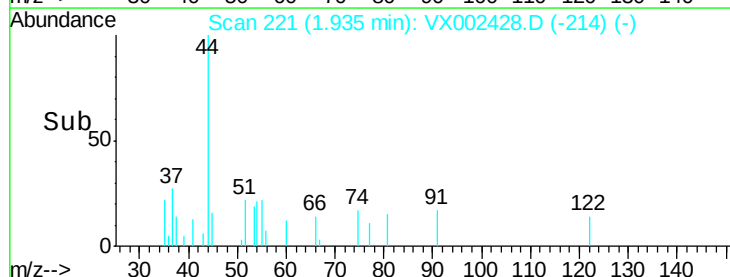
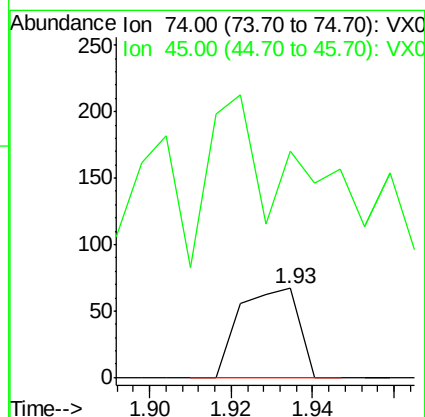
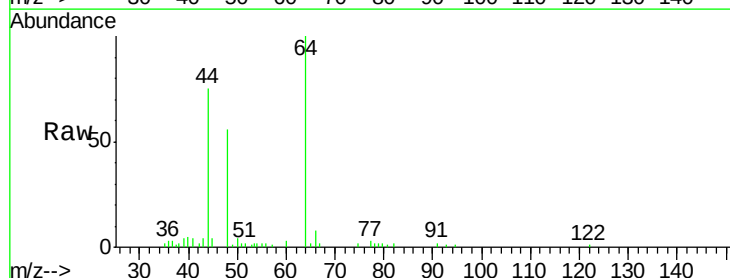
Acq: 09 Jun 2018 18:22

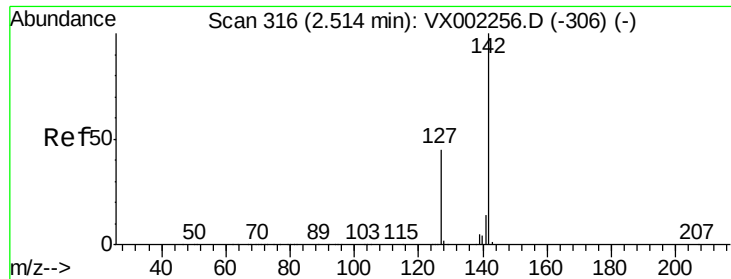
Tgt Ion: 74 Resp: 68

Ion Ratio Lower Upper

74 100

45 148.5 53.1 159.4

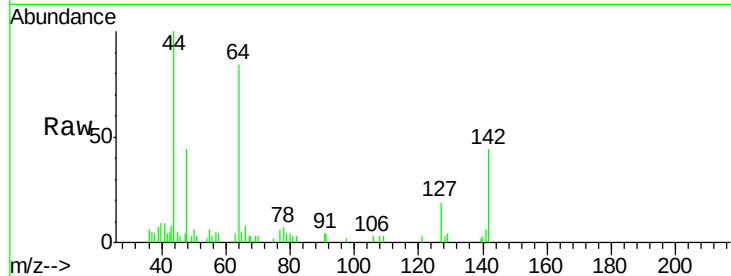




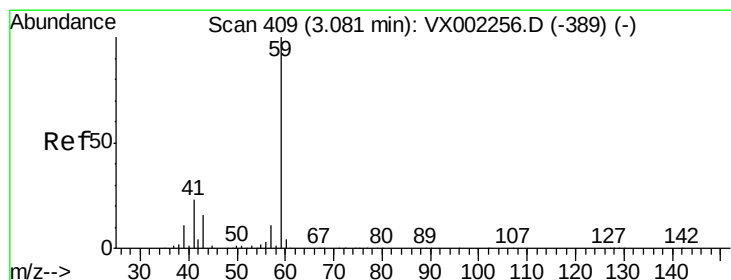
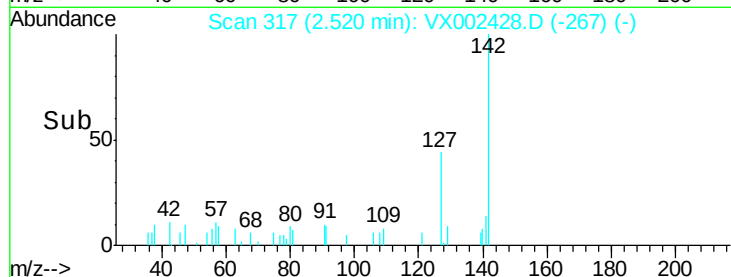
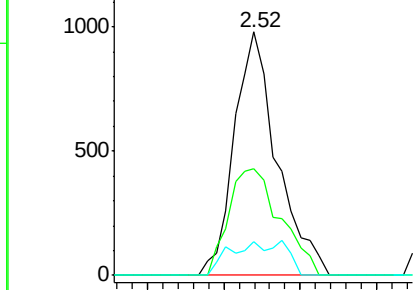
#10
Methvl Iodide
Concen: 0.60 ua/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 1897
Ion Ratio Lower Upper
142 100
127 53.1 36.6 55.0
141 11.3 11.3 16.9

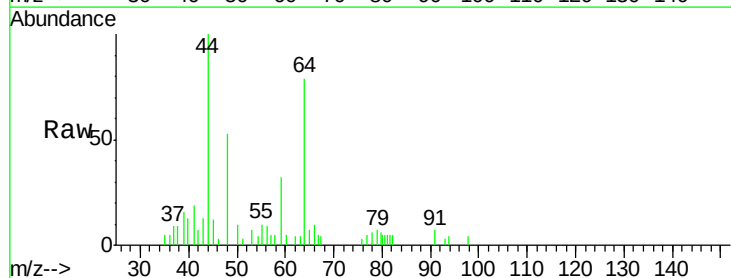


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

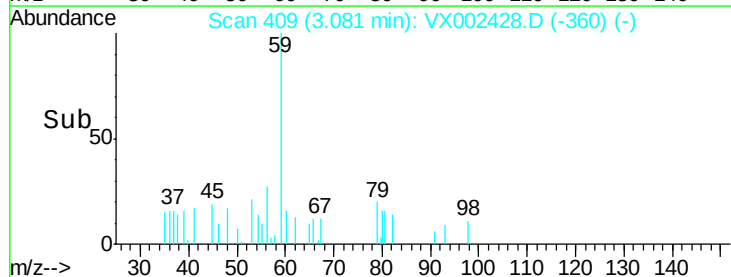
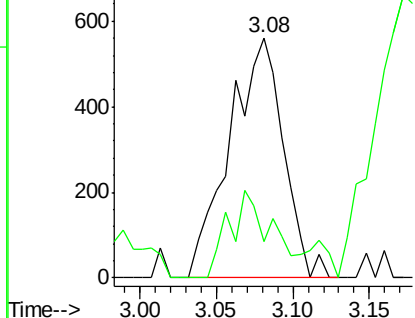


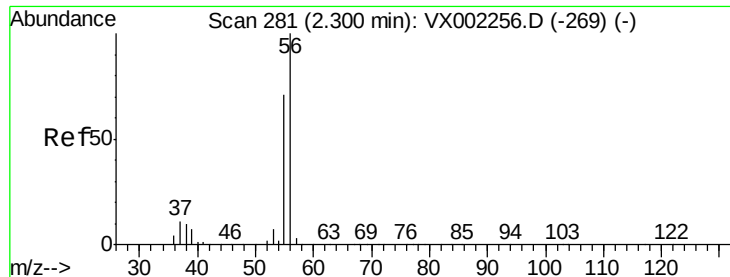
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Tgt Ion: 59 Resp: 1370
Ion Ratio Lower Upper
59 100
57 29.6 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

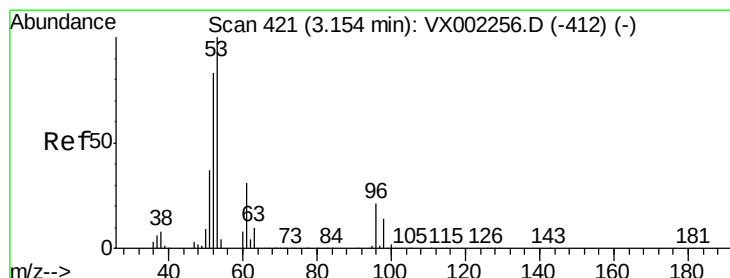
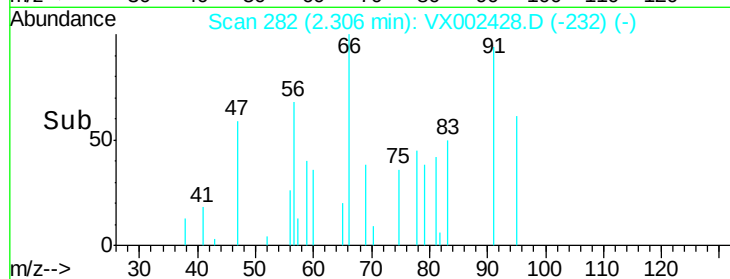
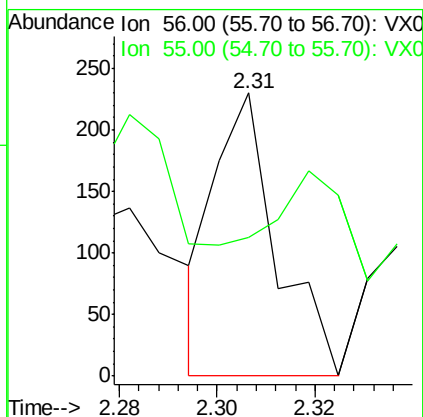
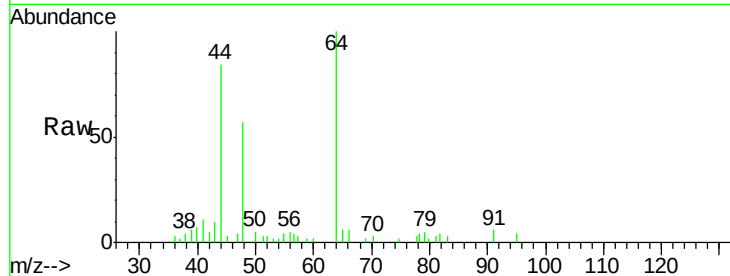




#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

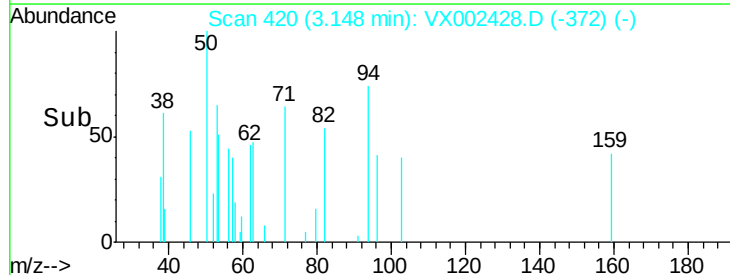
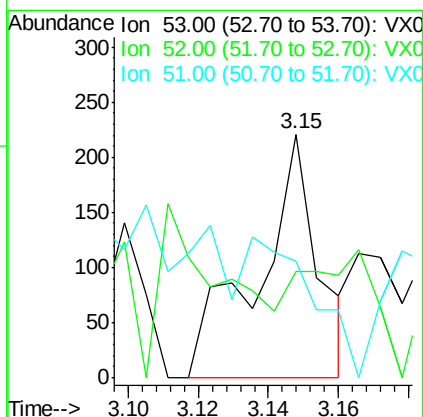
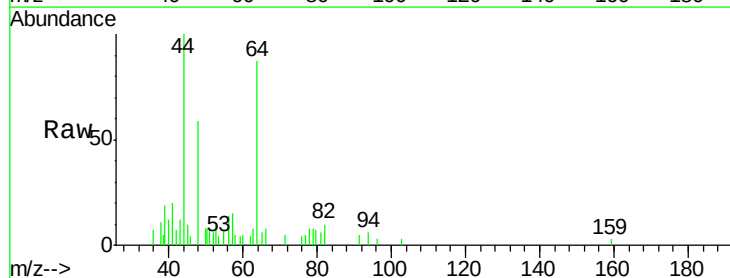
Instrument :
MSVOA_X
ClientSampled :

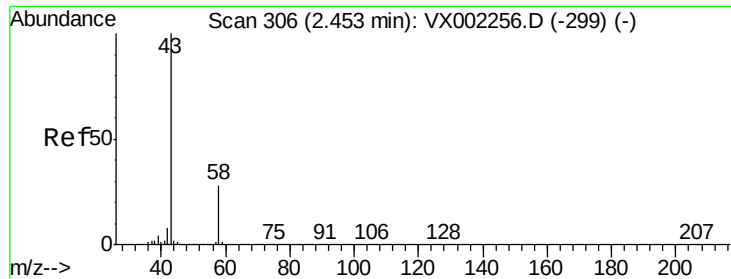
Tot Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 44.6 57.0 85.4#



#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Tgt Ion: 53 Resp: 265
Ion Ratio Lower Upper
53 100
52 0.0 66.7 100.1#
51 0.0 29.9 44.9#

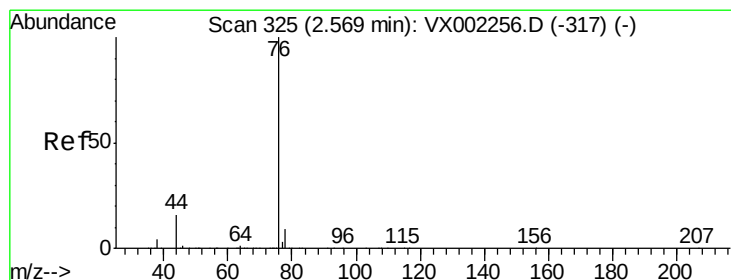
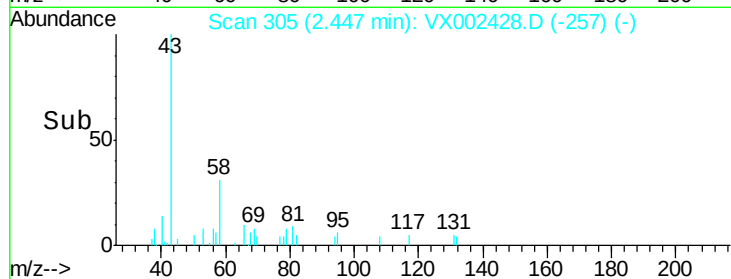
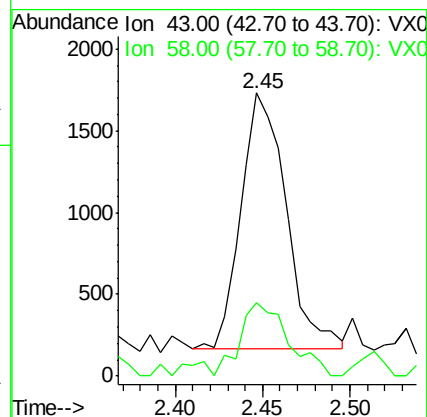
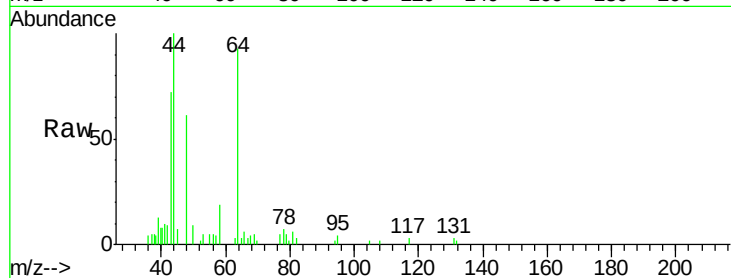




#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

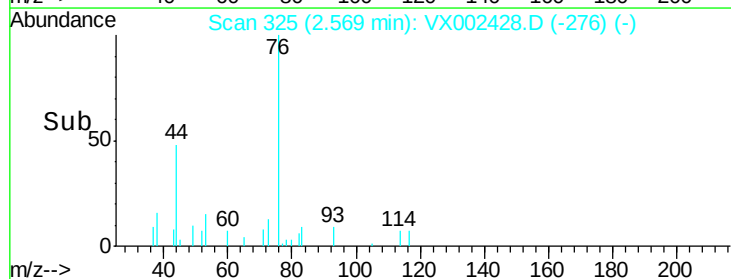
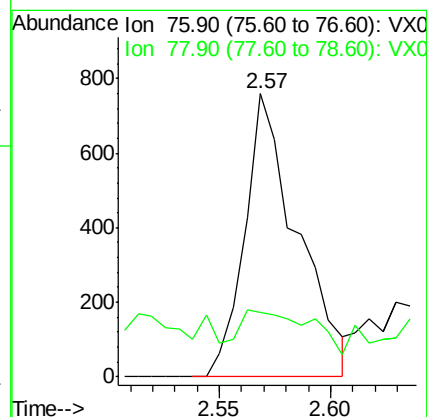
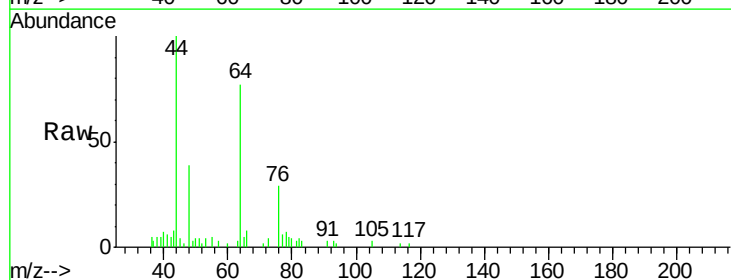
Instrument :
MSVOA_X
ClientSampleId :

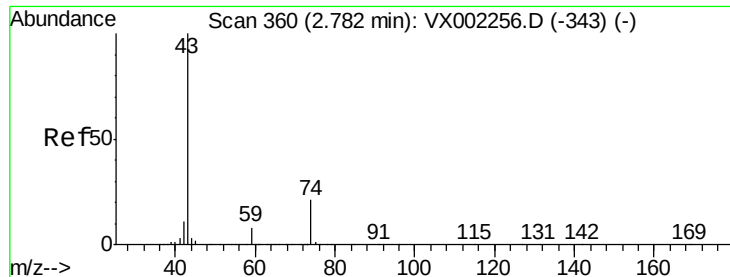
Tot Ion: 43 Resp: 2800
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Tgt Ion: 76 Resp: 1246
Ion Ratio Lower Upper
76 100
78 14.9 6.9 10.3#

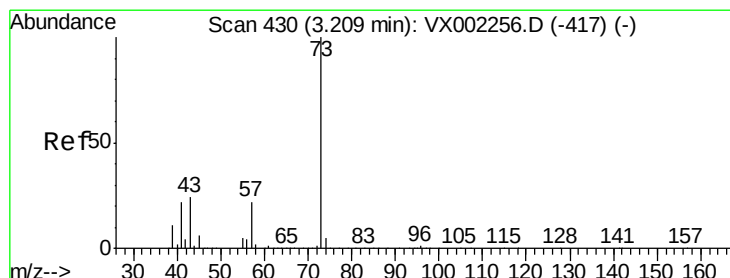
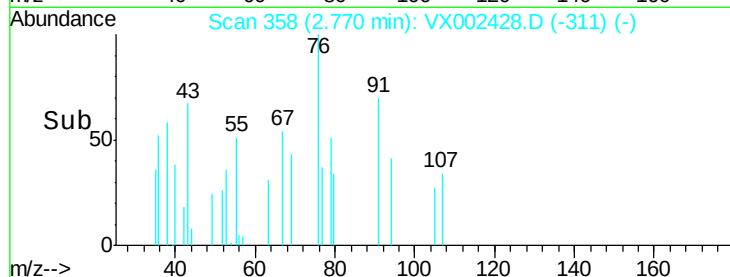
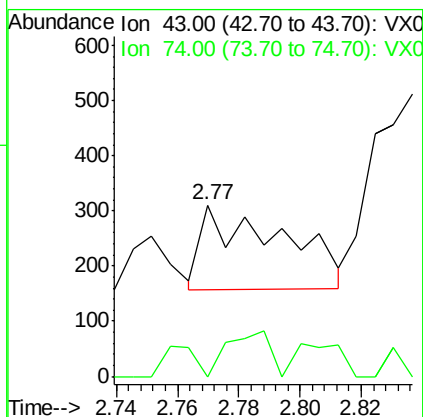
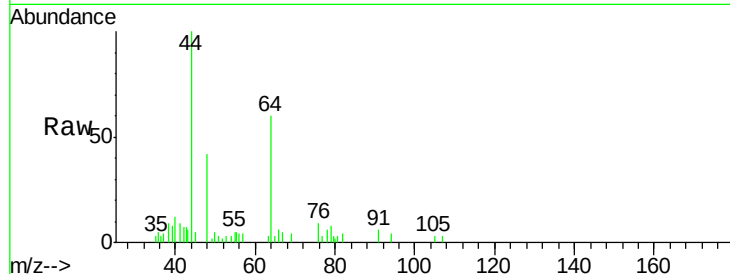




#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

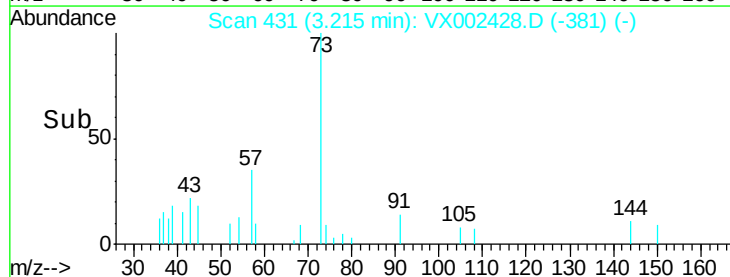
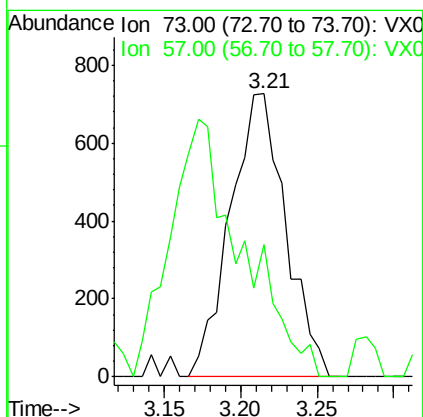
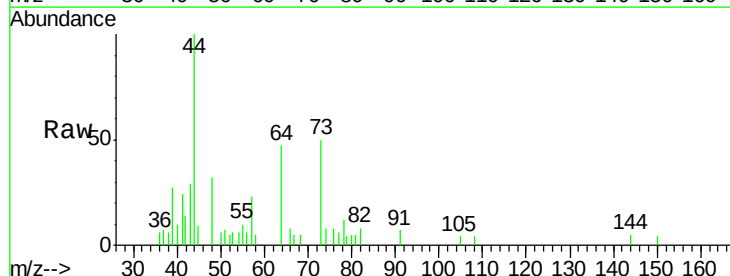
Instrument :
MSVOA_X
ClientSampled :

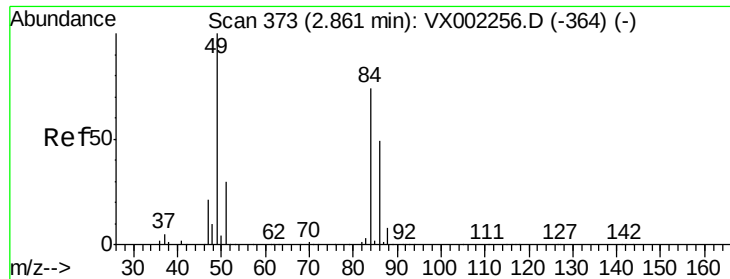
Tot Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
74 28.3 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Tgt Ion: 73 Resp: 1829
Ion Ratio Lower Upper
73 100
57 46.9 17.7 26.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 660

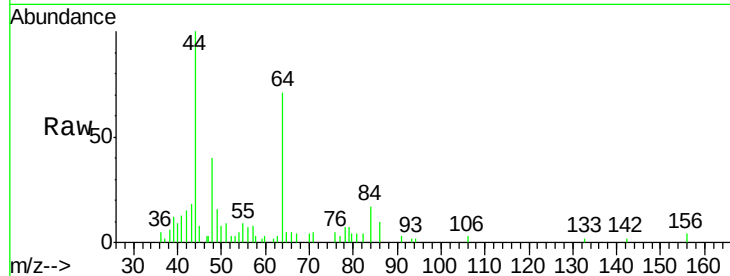
Ion Ratio Lower Upper

84 100

49 70.8 107.8 161.6#

51 27.4 32.8 49.2#

86 56.4 52.5 78.7

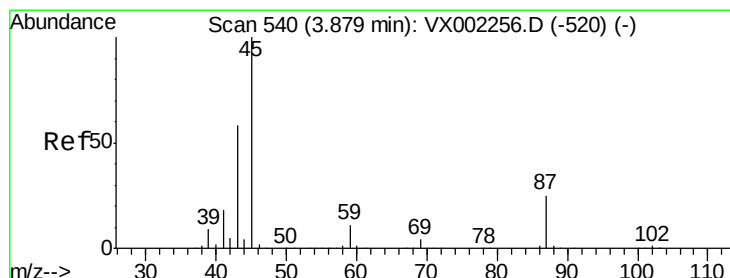
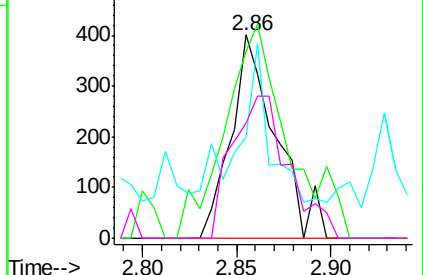
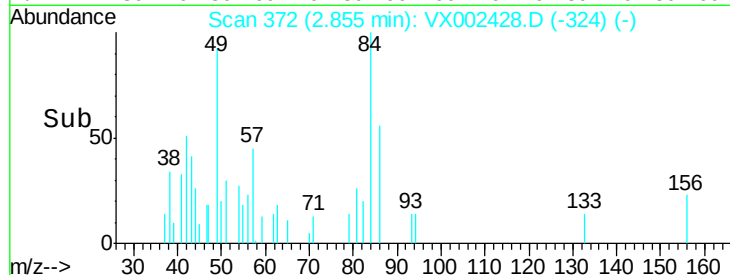


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#22

Diisopropyl ether

Concen: Below Cal

RT: 3.85 min Scan# 536

Delta R.T. -0.02 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Tgt Ion: 45 Resp: 148

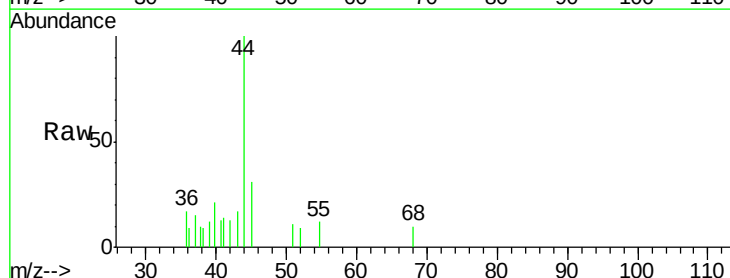
Ion Ratio Lower Upper

45 100

43 15.7 46.8 70.2#

87 0.0 20.2 30.4#

59 0.0 8.7 13.1#

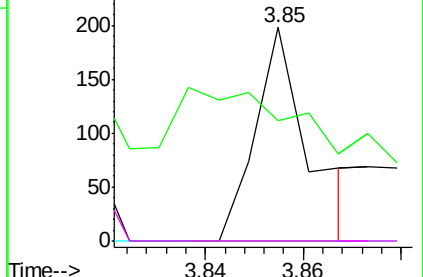
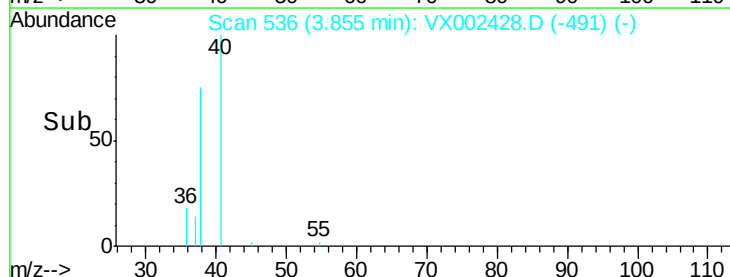


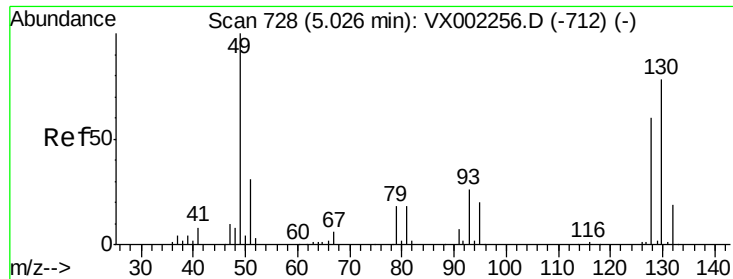
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

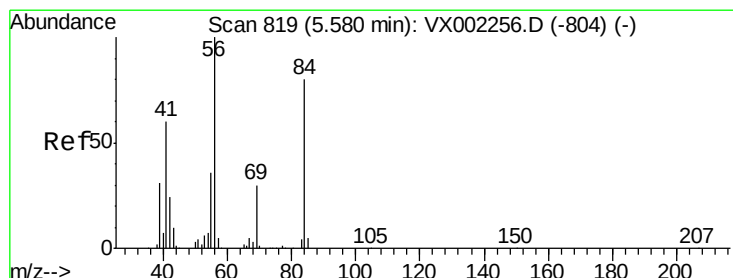
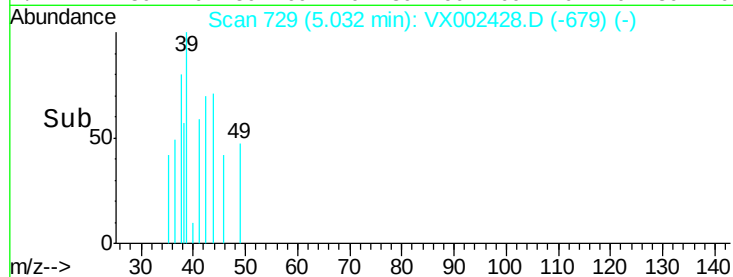
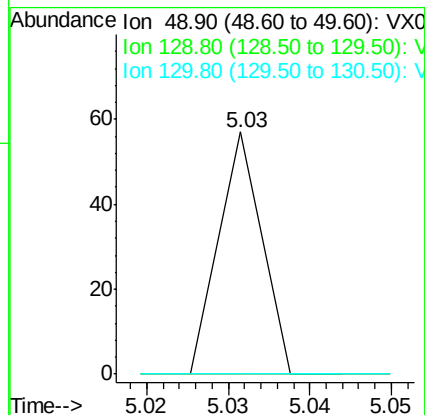
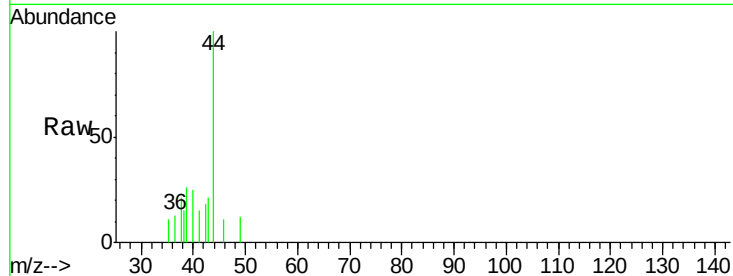
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 49 Resp: 21

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#



#31

Cyclohexane

Concen: 4.46 ug/l

RT: 5.58 min Scan# 819

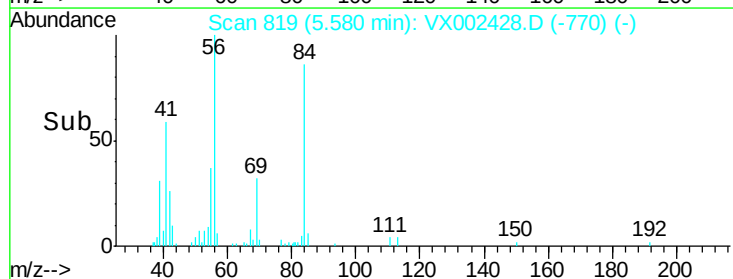
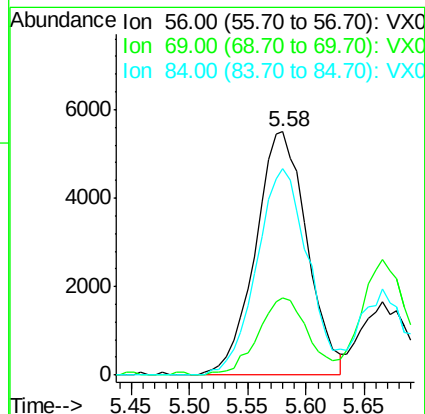
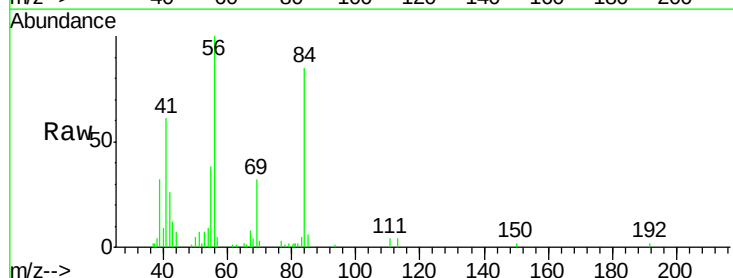
Delta R.T. -0.00 min

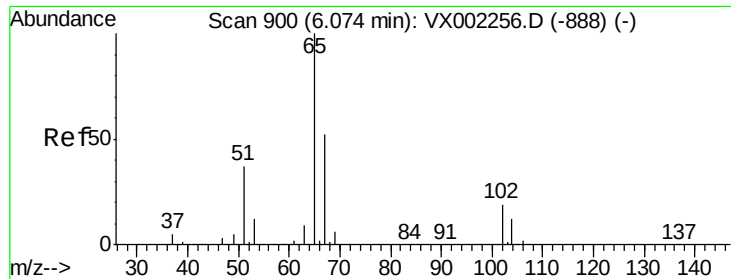
Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Tgt Ion: 56 Resp: 16896

Ion	Ratio	Lower	Upper
56	100		
69	31.9	23.7	35.5
84	84.6	64.1	96.1

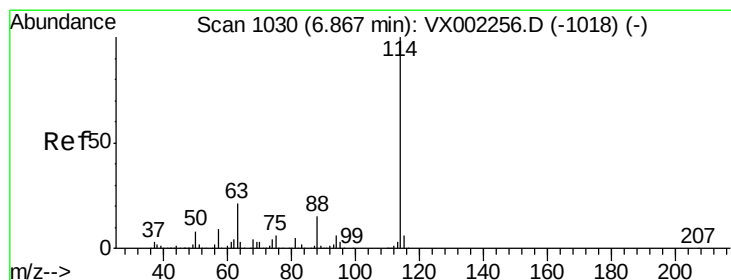
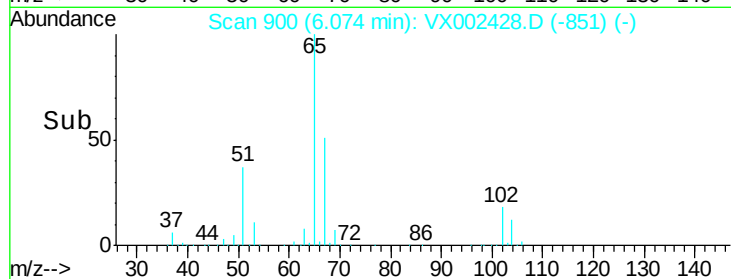
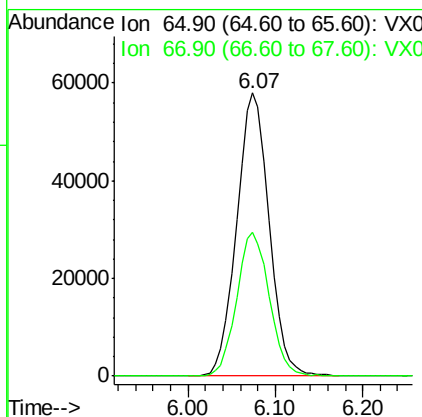
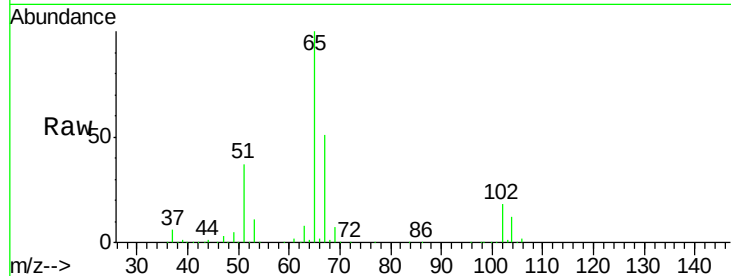




#33
 1,2-Dichloroethane-d4
 Concen: 49.66 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002428.D
 Acq: 09 Jun 2018 18:22

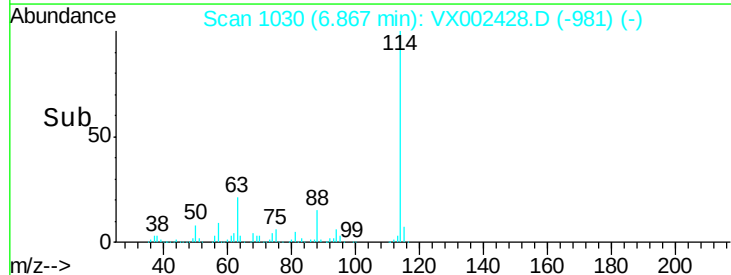
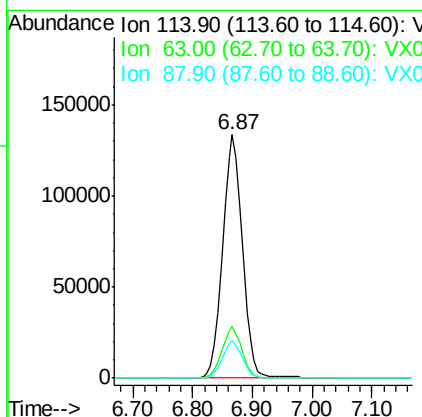
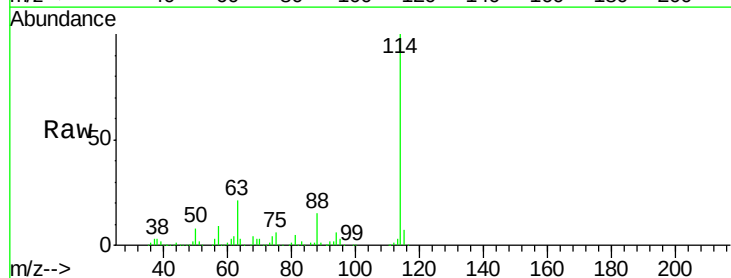
Instrument :
 MSVOA_X
 ClientSampleId :

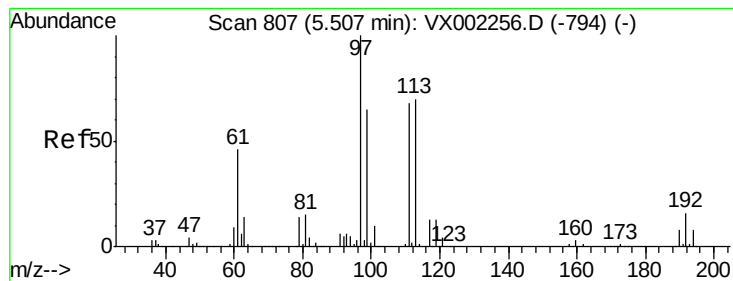
Tot Ion: 65 Resp: 148985
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002428.D
 Acq: 09 Jun 2018 18:22

Tgt Ion: 114 Resp: 309382
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

ClientSampled :

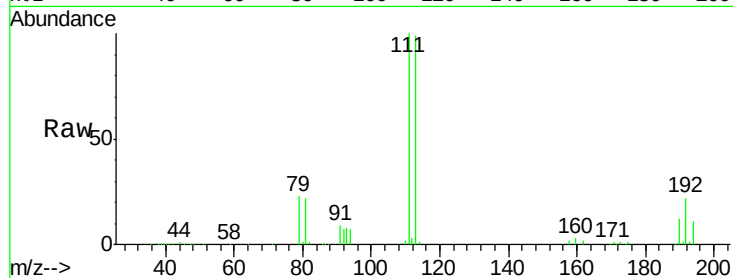
Tot Ion:113 Resp: 112652

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

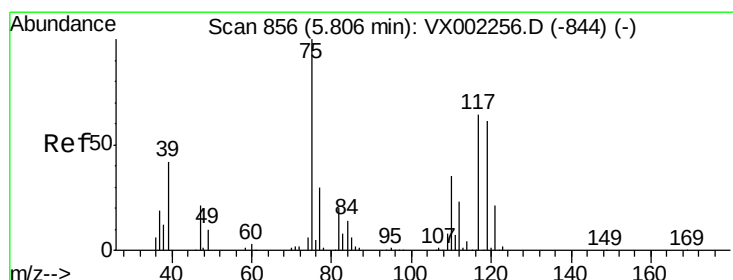
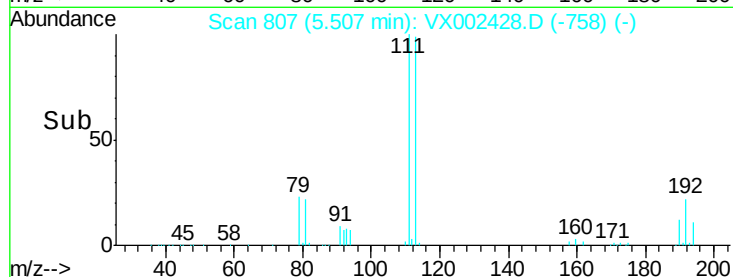
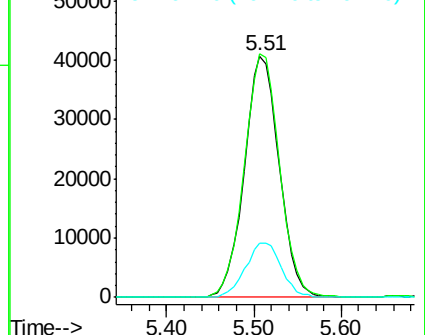
192 23.3 19.1 28.7



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: 4.53 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

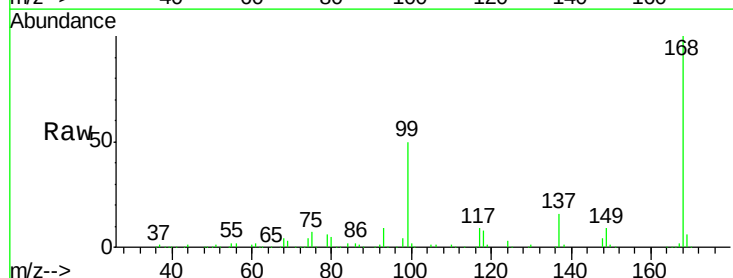
Tgt Ion: 75 Resp: 14726

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.4#

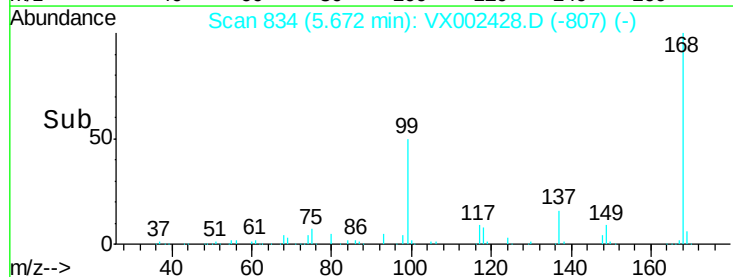
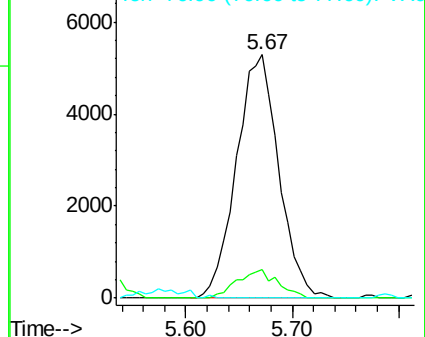
77 0.0 24.3 36.5#

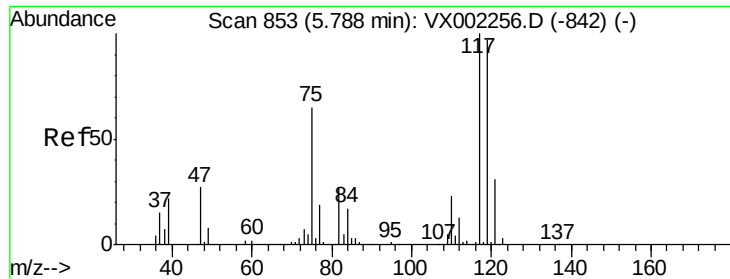


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.76 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

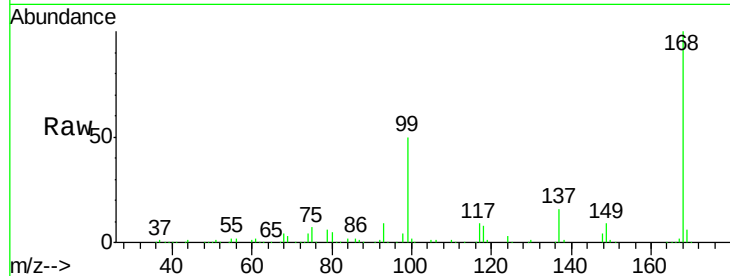
Tot Ion:117 Resp: 19609

Ion Ratio Lower Upper

117 100

119 5.4 77.4 116.0#

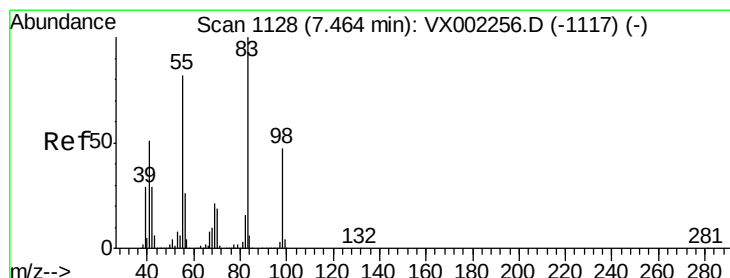
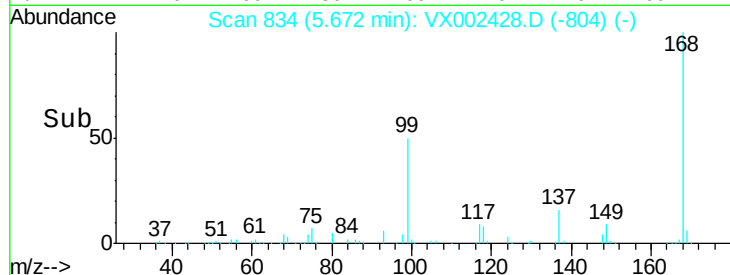
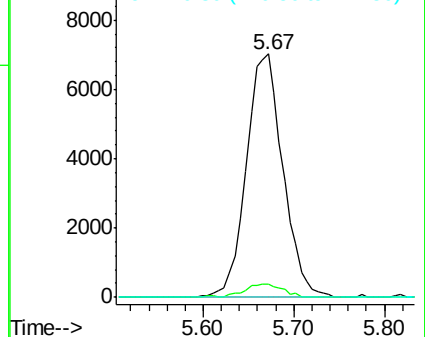
121 0.0 24.4 36.6#



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: 8.07 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

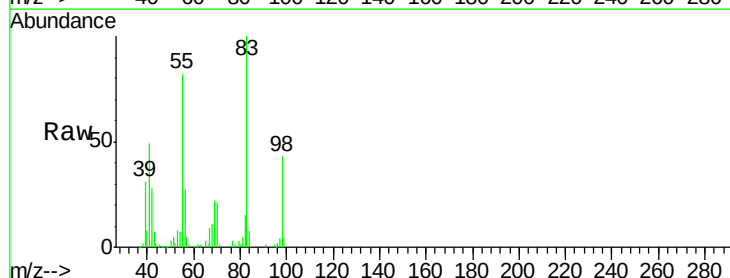
Tgt Ion: 83 Resp: 31531

Ion Ratio Lower Upper

83 100

55 81.3 65.4 98.0

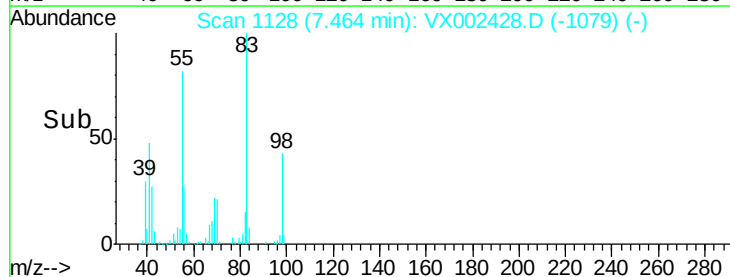
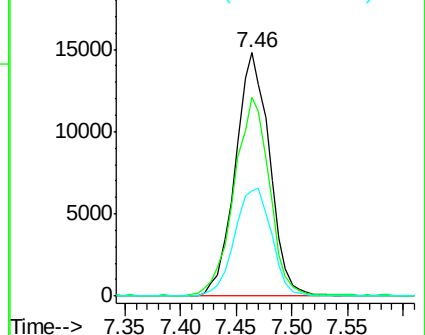
98 43.3 37.4 56.0

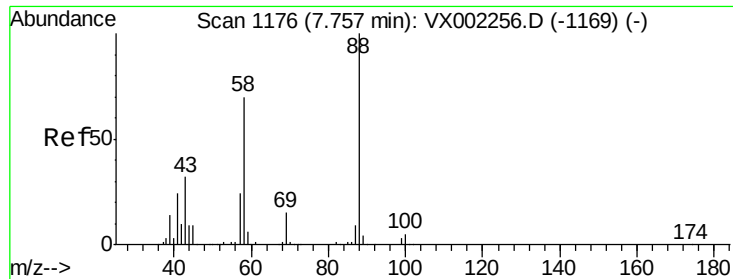


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

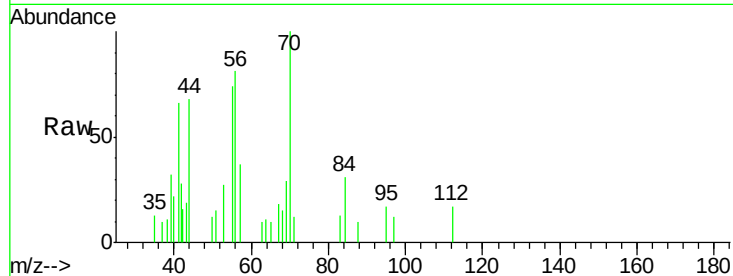




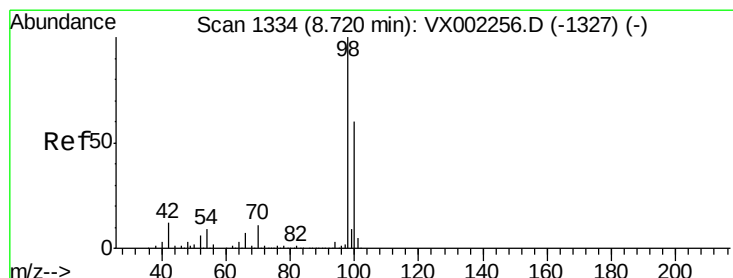
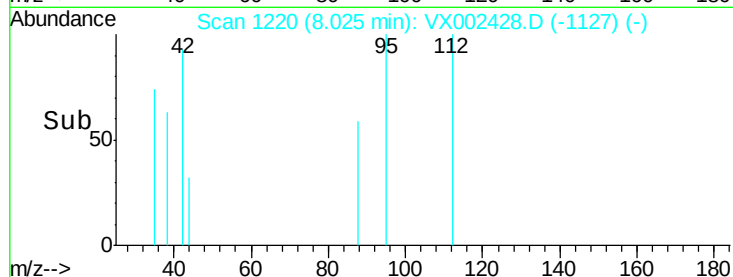
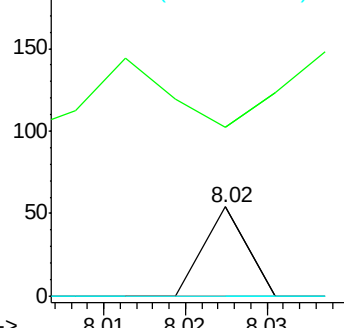
#49
1,4-Dioxane
Concen: 0.32 ug/l
RT: 8.02 min Scan# 1220
Delta R.T. 0.27 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 530.0 29.8 44.6#
58 0.0 57.1 85.7#

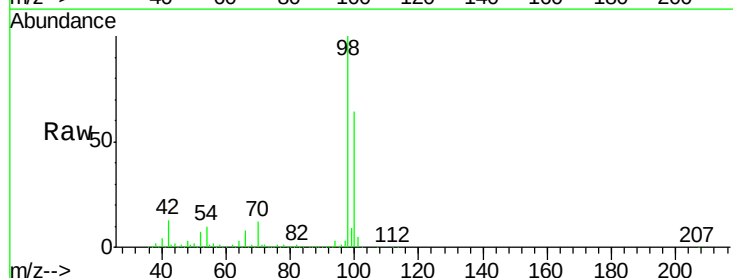


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

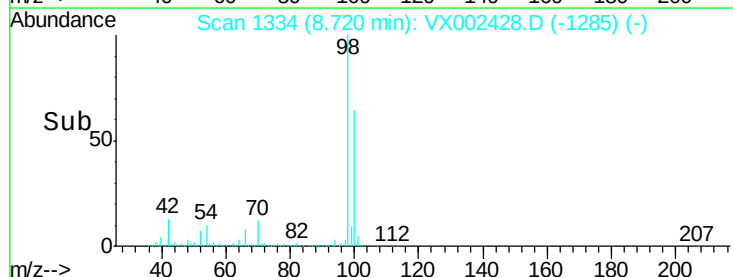
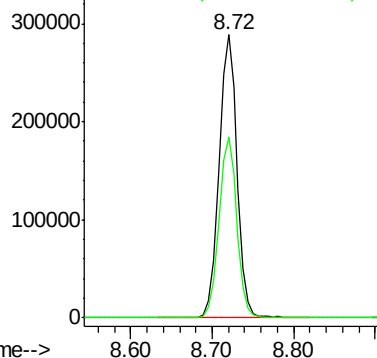


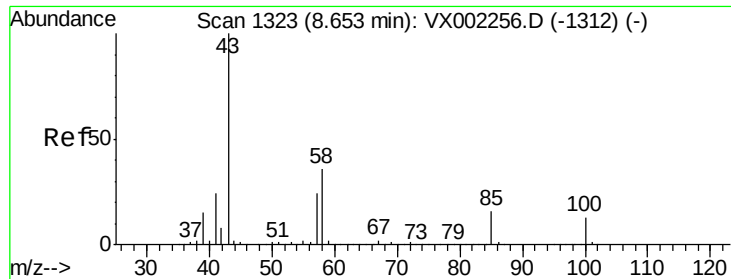
#50
Toluene-d8
Concen: 47.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Tgt Ion: 98 Resp: 443366
Ion Ratio Lower Upper
98 100
100 63.3 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: 0.23 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

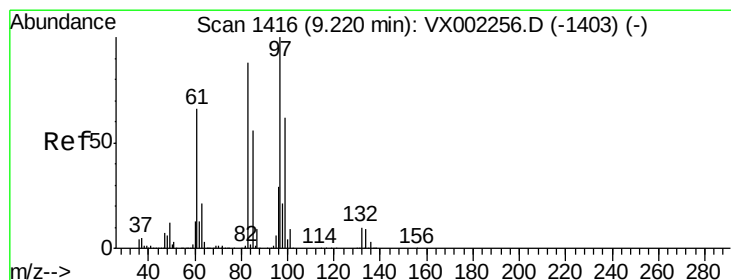
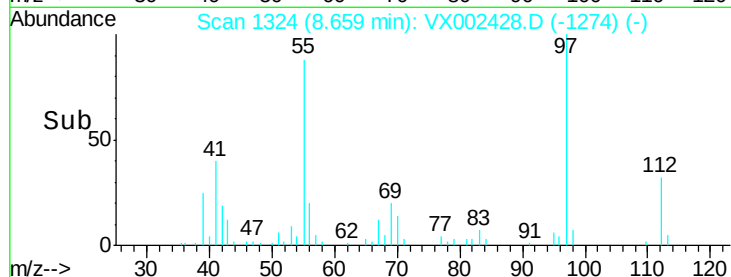
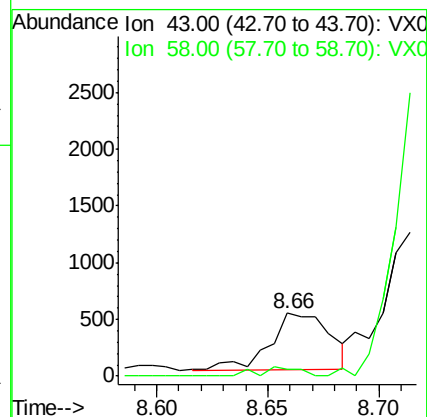
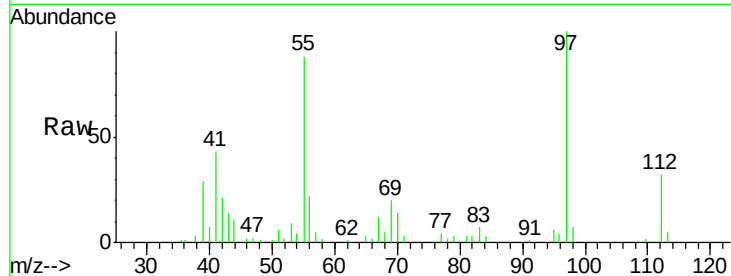
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 953

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#



#55

1,1,2-Trichloroethane

Concen: 2.24 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Tgt Ion: 97 Resp: 5833

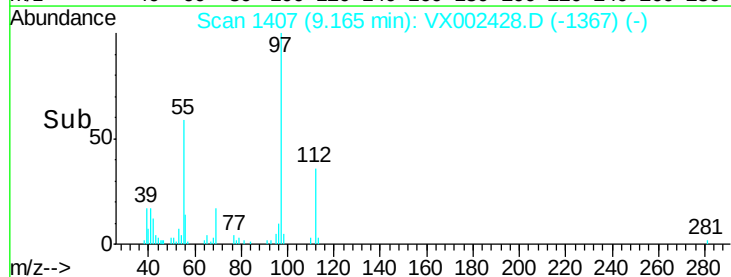
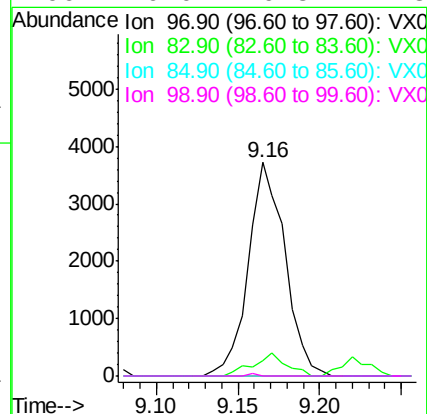
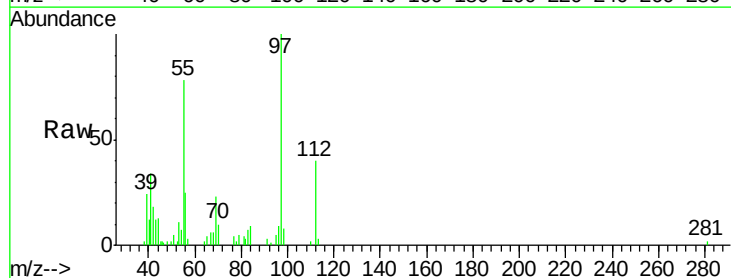
Ion Ratio Lower Upper

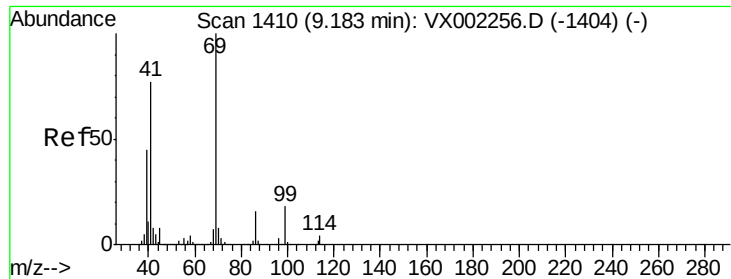
97 100

83 7.2 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 0.36 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :
MSVOA_X
ClientSampleId :

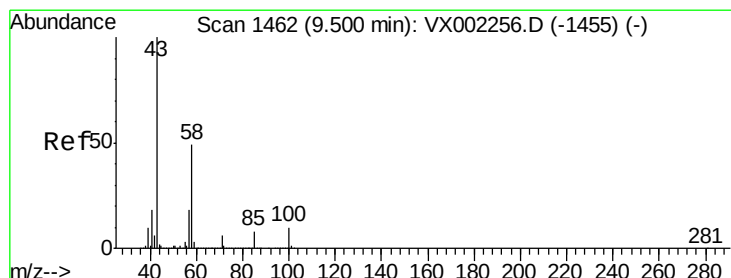
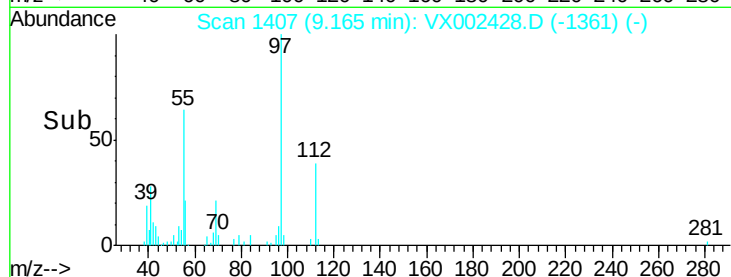
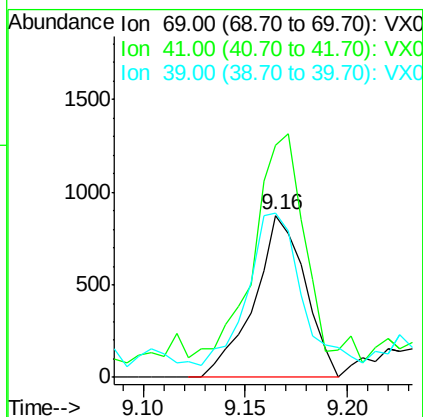
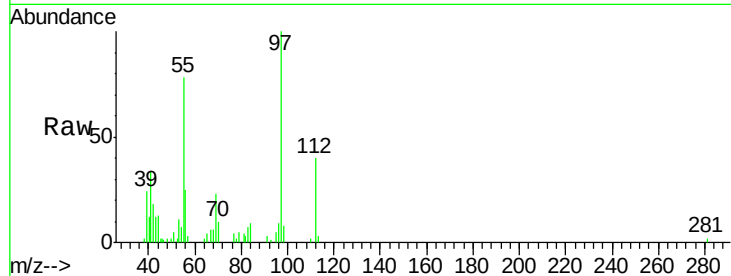
Tot Ion: 69 Resp: 1516

Ion Ratio Lower Upper

69 100

41 132.5 60.3 90.5#

39 97.2 35.8 53.8#



#59

2-Hexanone

Concen: 0.51 ug/l

RT: 9.45 min Scan# 1454

Delta R.T. -0.05 min

Lab File: VX002428.D

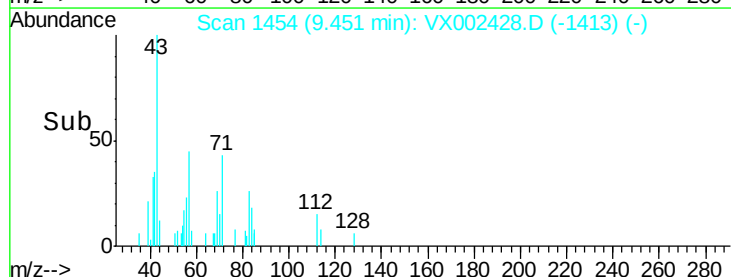
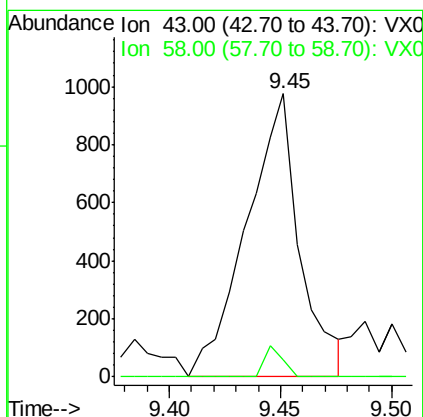
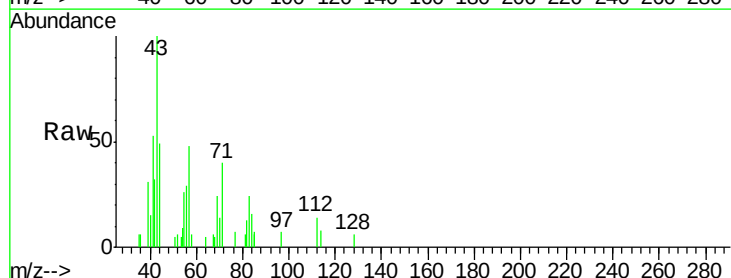
Acq: 09 Jun 2018 18:22

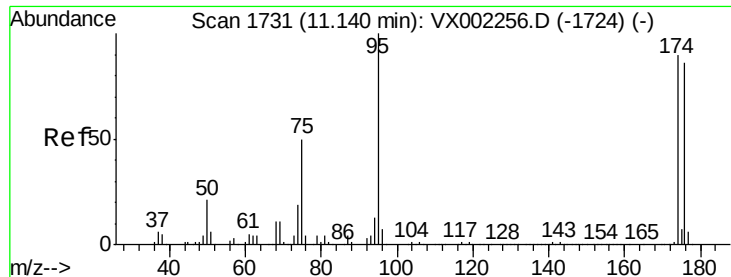
Tgt Ion: 43 Resp: 1621

Ion Ratio Lower Upper

43 100

58 3.8 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 42.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

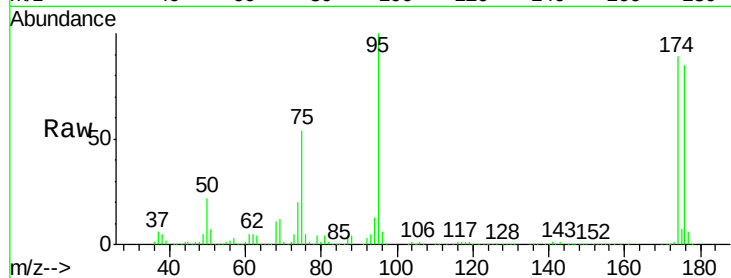
Tot Ion: 95 Resp: 152754

Ion Ratio Lower Upper

95 100

174 94.8 0.0 187.4

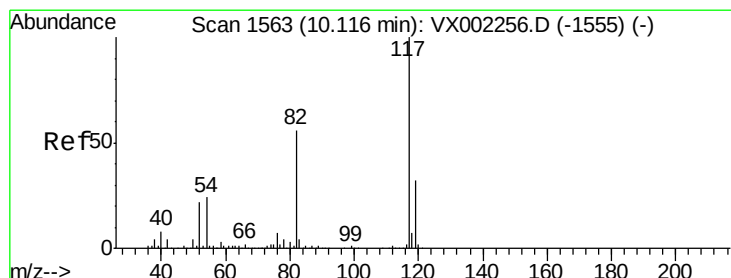
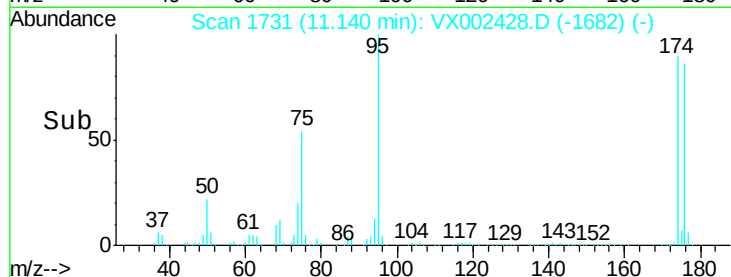
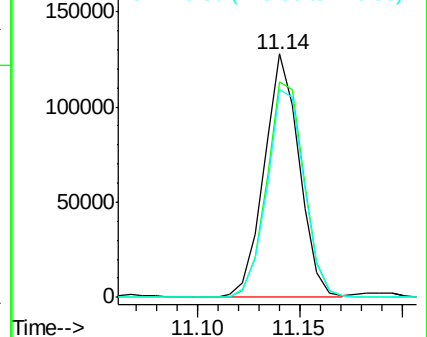
176 91.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

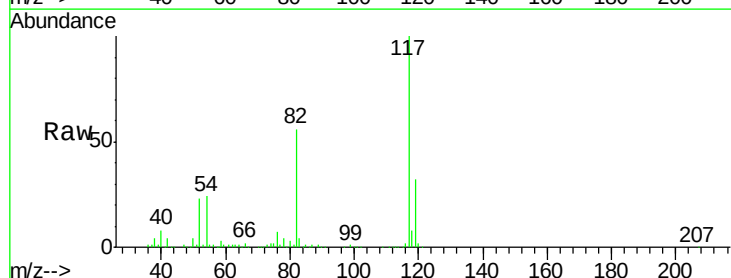
Tgt Ion: 117 Resp: 281245

Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.4

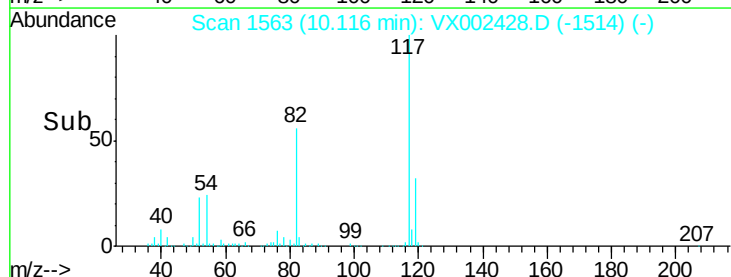
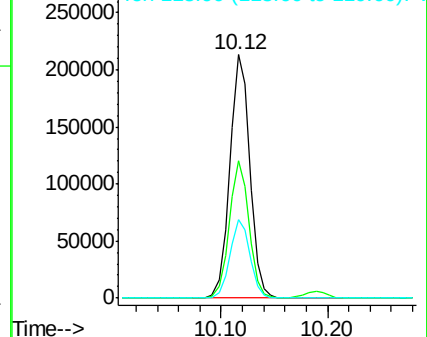
119 32.3 25.8 38.6

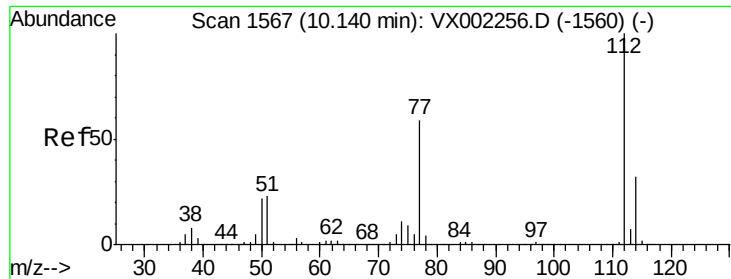


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)





#65

Chlorobenzene

Concen: 1.70 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

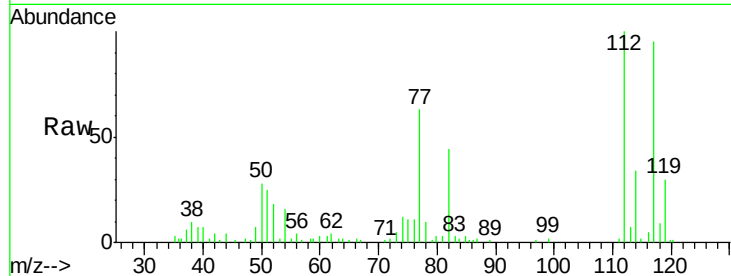
ClientSampleId :

Tot Ion:112 Resp: 11926

Ion Ratio Lower Upper

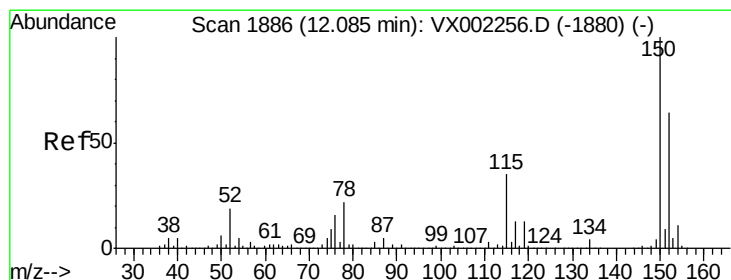
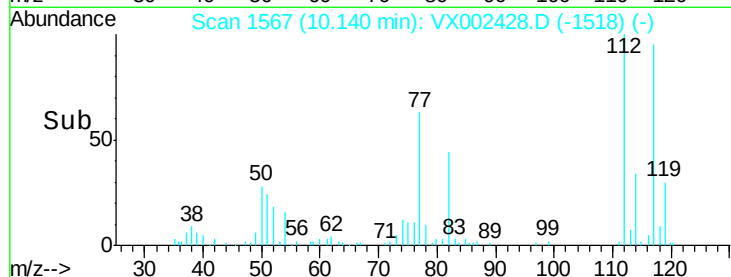
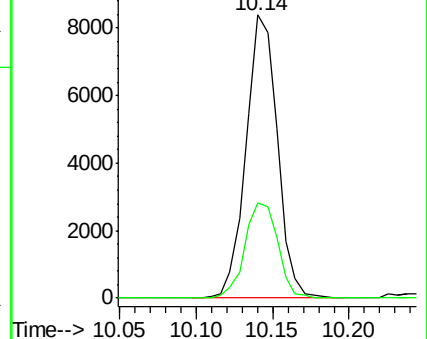
112 100

114 33.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

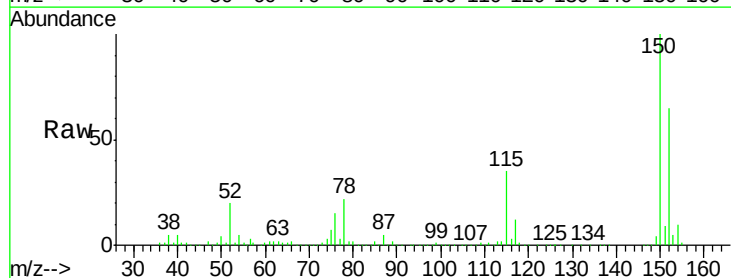
Tgt Ion:152 Resp: 156958

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

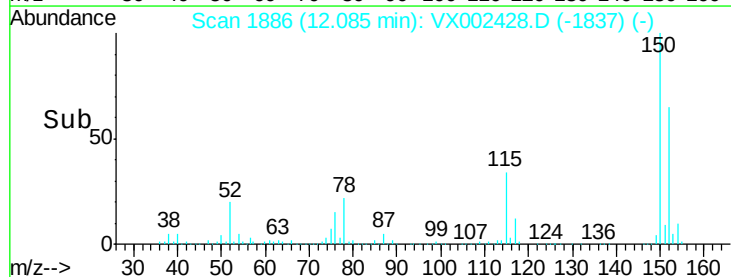
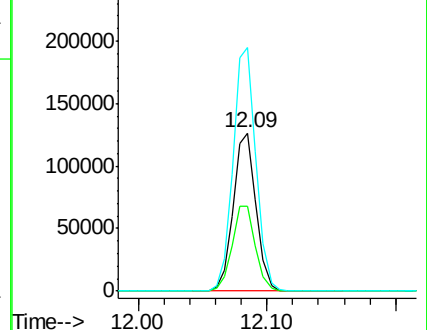
150 154.9 0.0 347.2

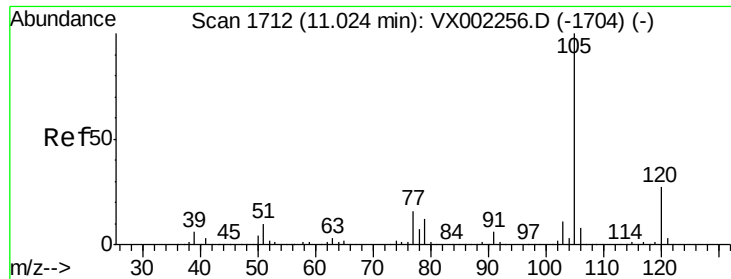


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 27.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

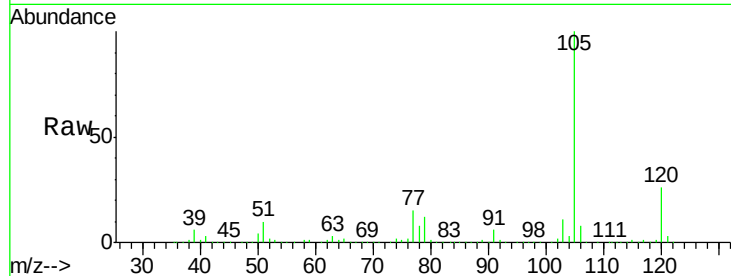
ClientSampleId :

Tot Ion:105 Resp: 297529

Ion Ratio Lower Upper

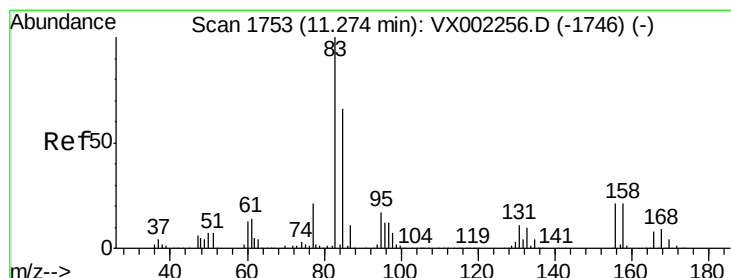
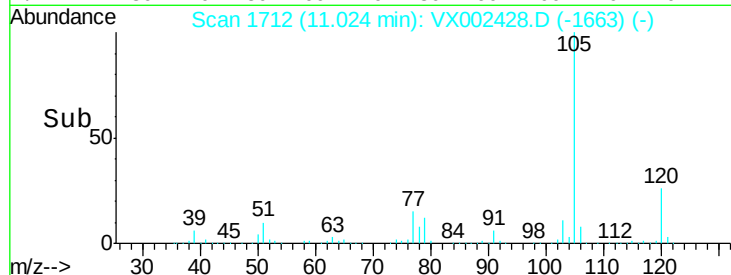
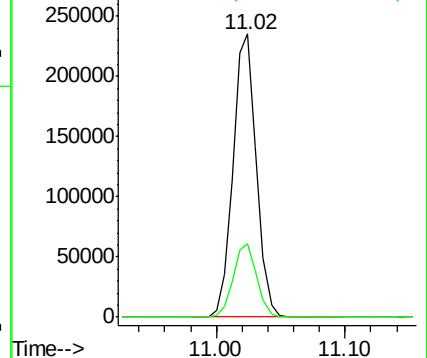
105 100

120 26.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.61 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

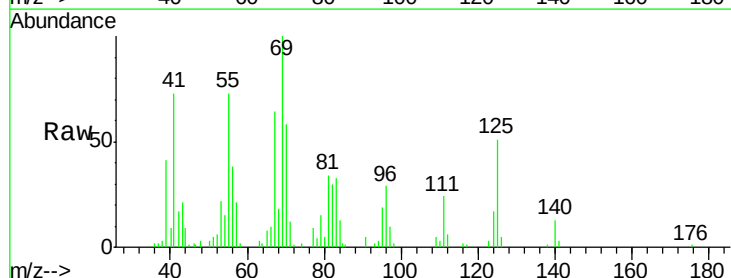
Tgt Ion: 83 Resp: 2102

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

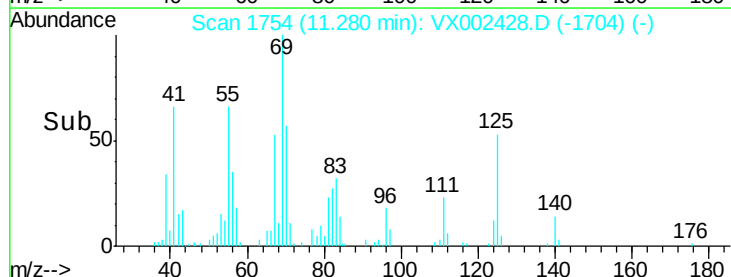
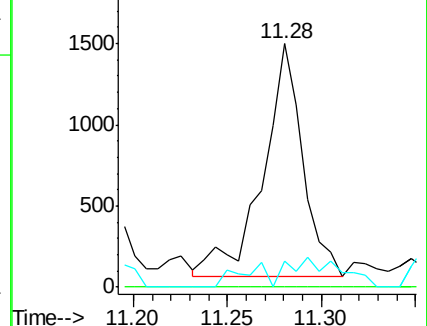
85 16.8 32.4 97.2#

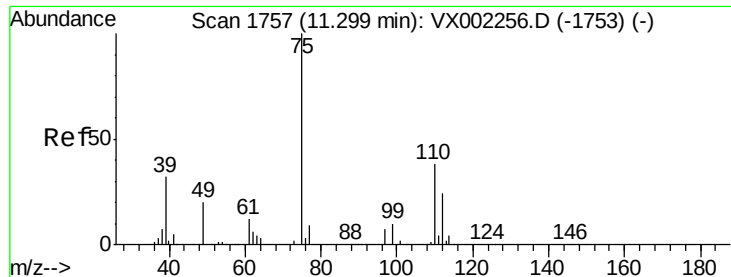


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 24.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

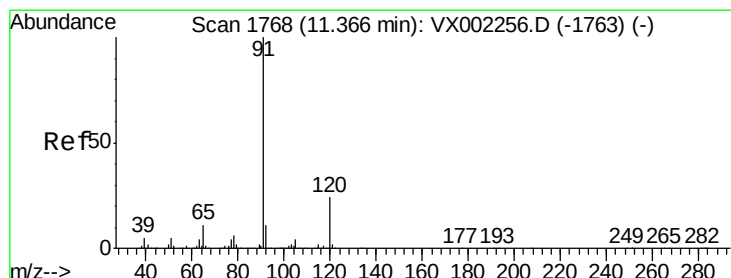
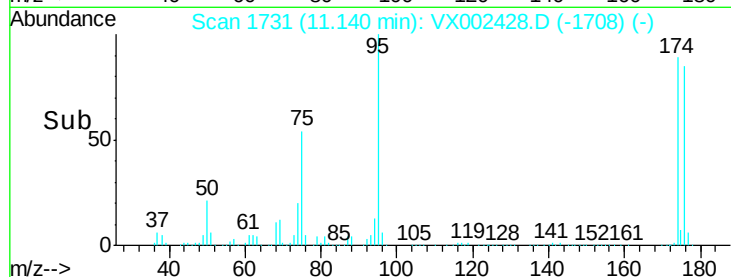
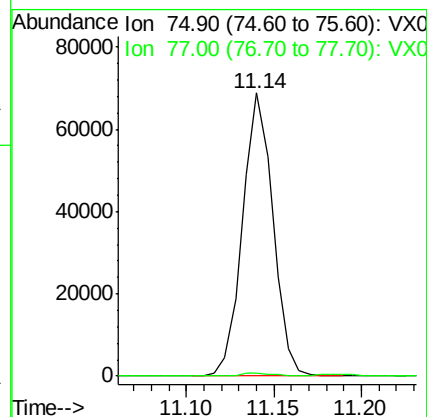
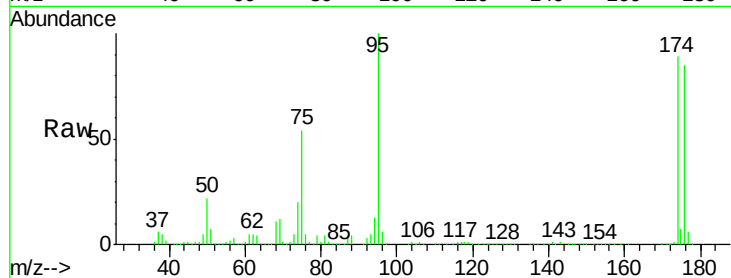
ClientSampleId :

Tot Ion: 75 Resp: 83269

Ion Ratio Lower Upper

75 100

77 0.0 22.8 68.3#



#78

n-propylbenzene

Concen: 23.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002428.D

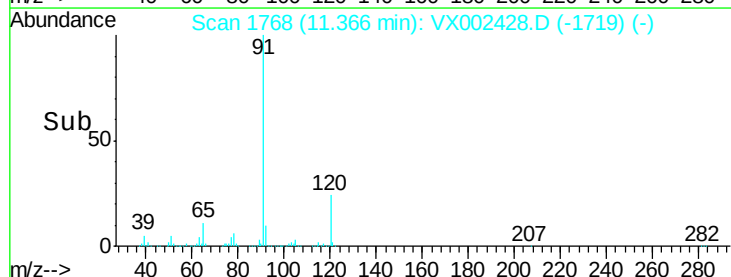
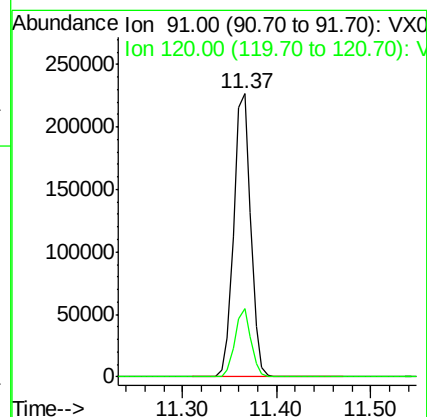
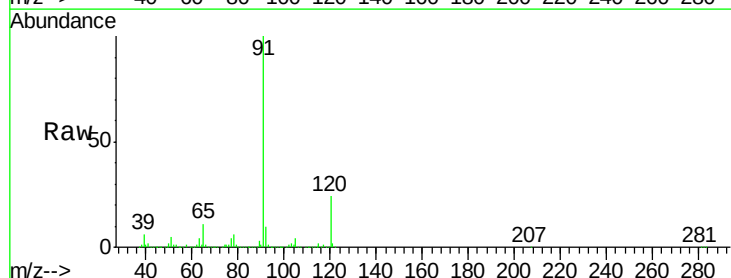
Acq: 09 Jun 2018 18:22

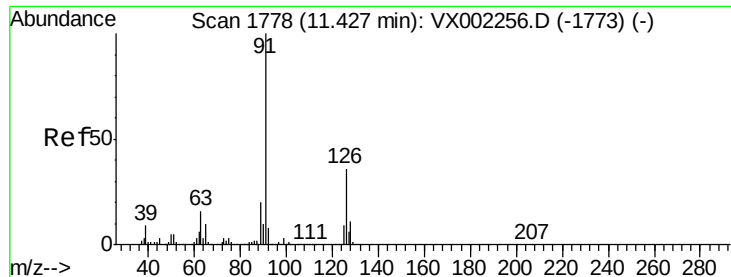
Tgt Ion: 91 Resp: 282541

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.4

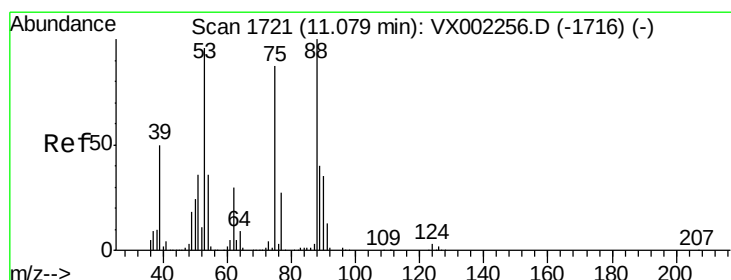
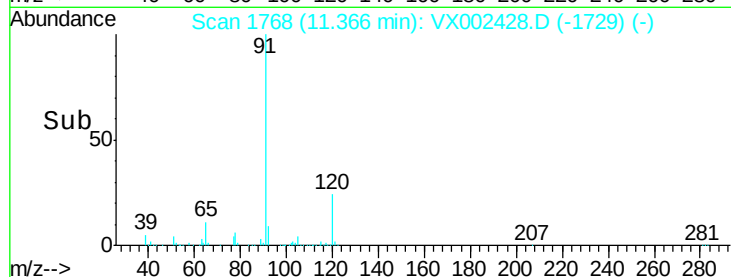
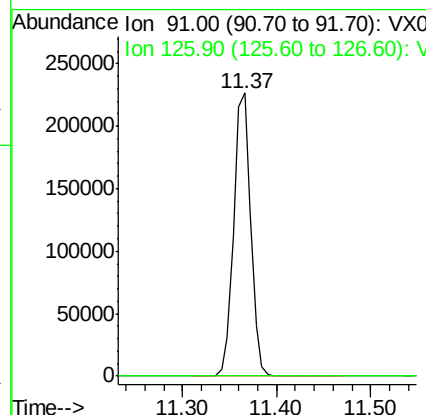
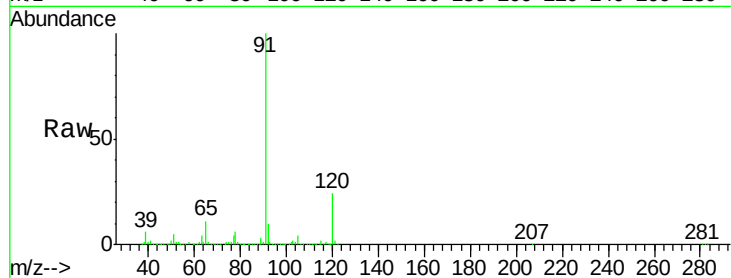




#79
 2-Chlorotoluene
 Concen: 36.87 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.06 min
 Lab File: VX002428.D
 Acq: 09 Jun 2018 18:22

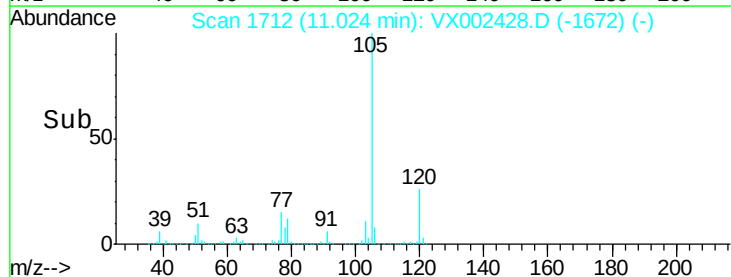
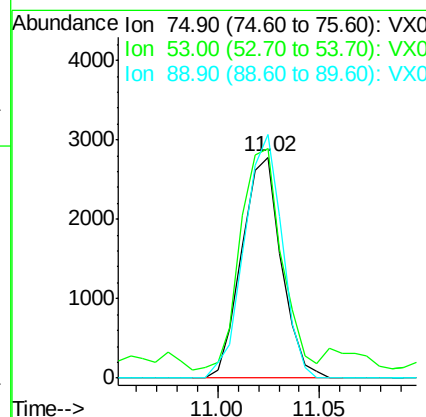
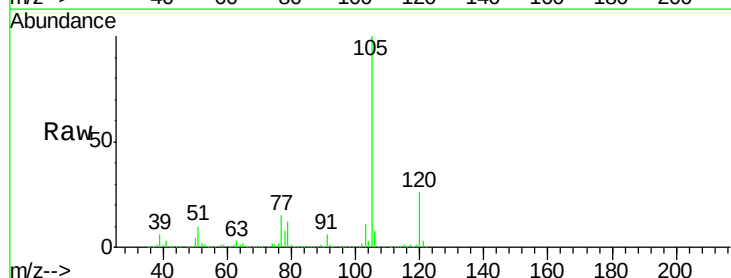
Instrument :
 MSVOA_X
 ClientSampled :

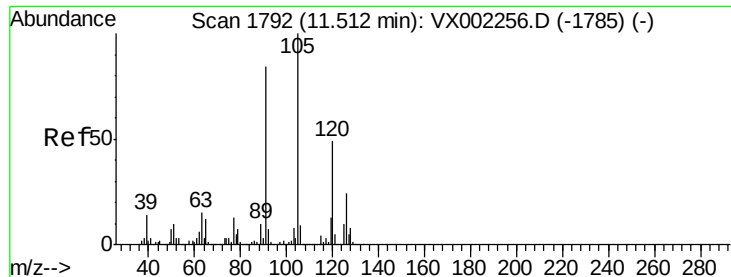
Tot Ion: 91 Resp: 282541
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.7 53.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.82 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.05 min
 Lab File: VX002428.D
 Acq: 09 Jun 2018 18:22

Tgt Ion: 75 Resp: 3755
 Ion Ratio Lower Upper
 75 100
 53 103.4 86.8 130.2
 89 104.7 38.2 57.2#

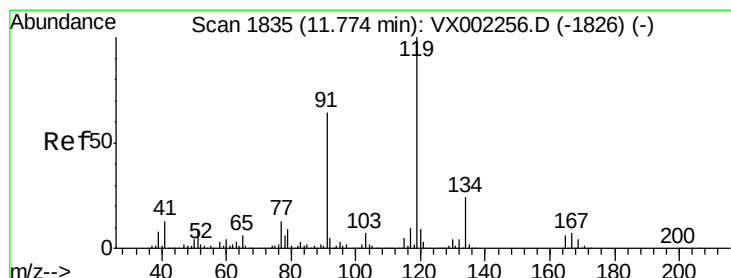
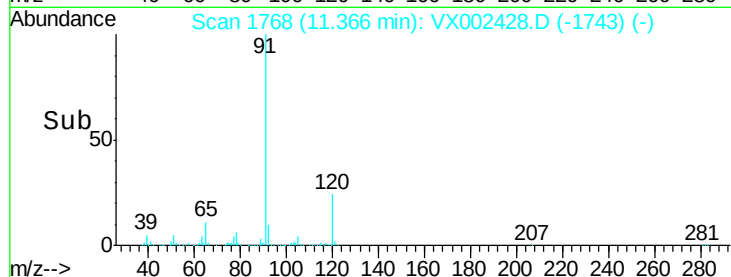
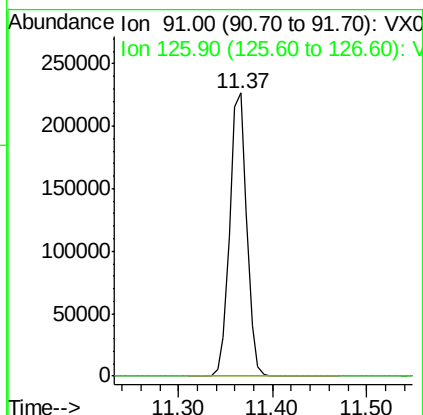
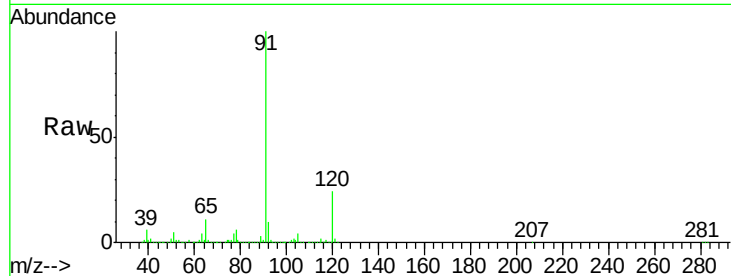




#82
4-Chlorotoluene
Concen: 31.94 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.15 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

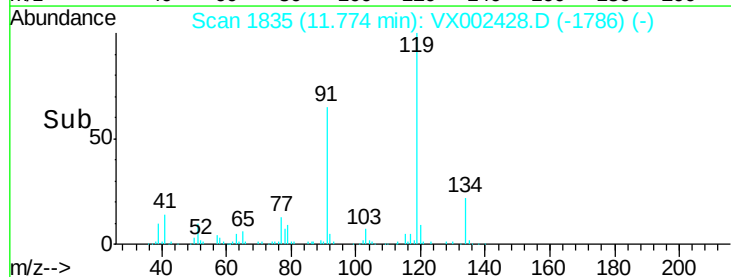
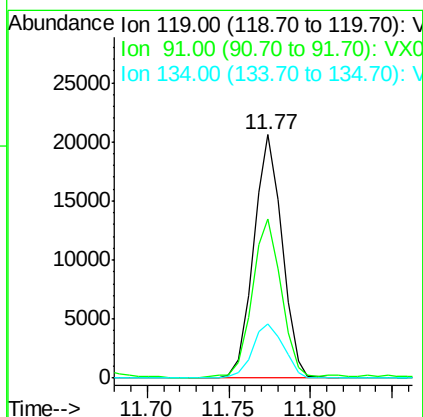
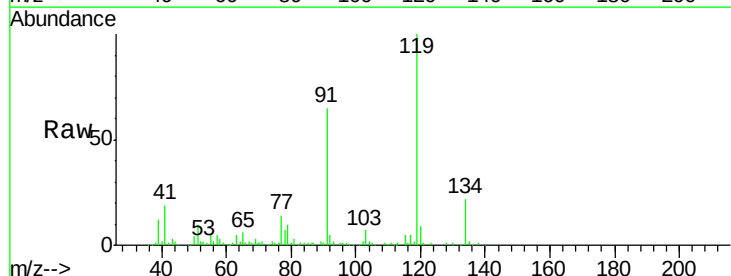
Instrument :
MSVOA_X
ClientSampled :

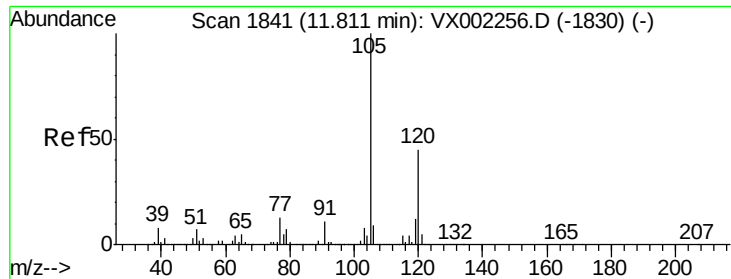
Tot Ion: 91 Resp: 282541
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.4#



#83
tert-Butylbenzene
Concen: 2.75 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002428.D
Acq: 09 Jun 2018 18:22

Tgt Ion: 119 Resp: 25099
Ion Ratio Lower Upper
119 100
91 66.1 30.3 90.9
134 24.2 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 17.80 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.14 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

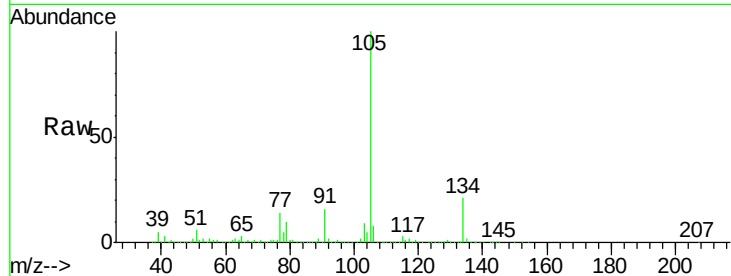
ClientSampleId :

Tot Ion:105 Resp: 171587

Ion Ratio Lower Upper

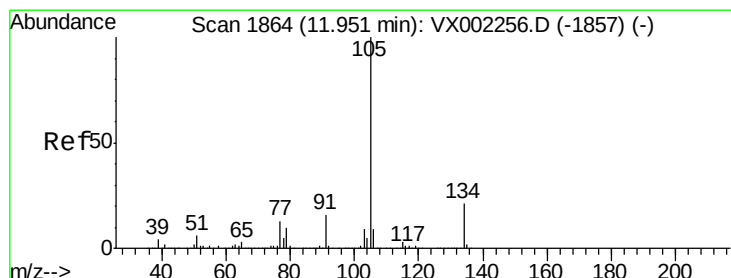
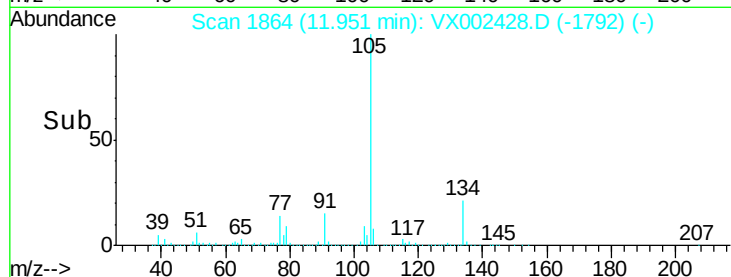
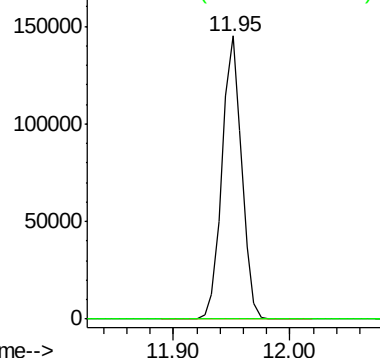
105 100

120 0.3 22.3 66.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 16.05 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002428.D

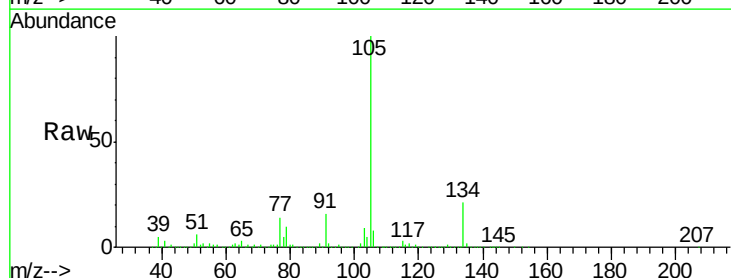
Acq: 09 Jun 2018 18:22

Tgt Ion:105 Resp: 171587

Ion Ratio Lower Upper

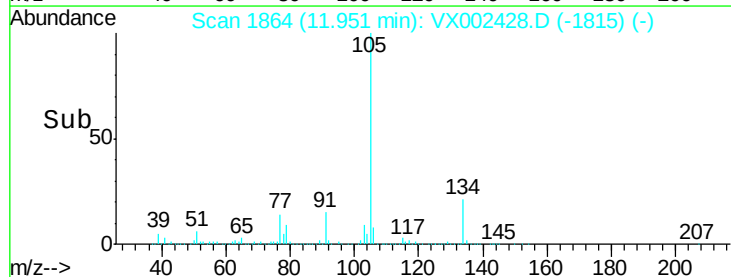
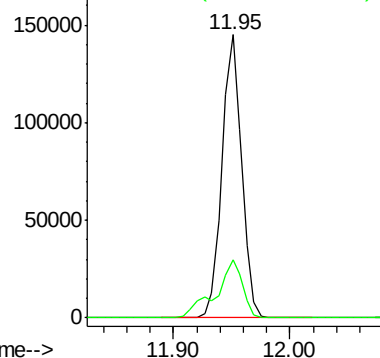
105 100

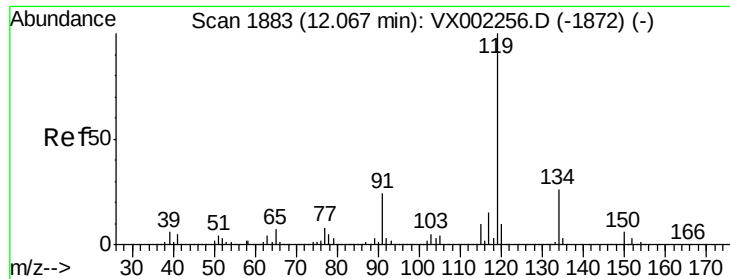
134 27.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

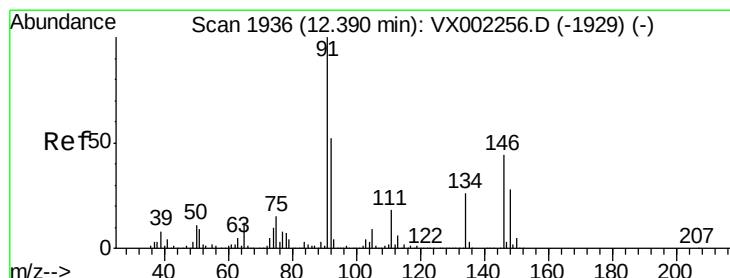
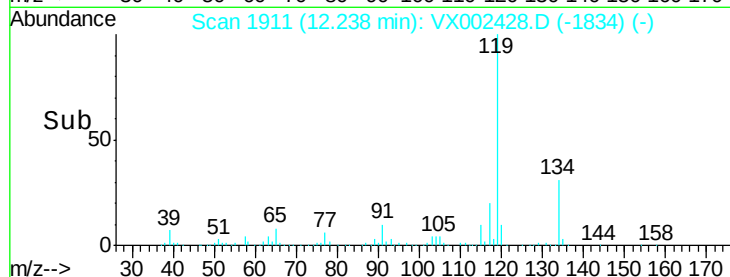
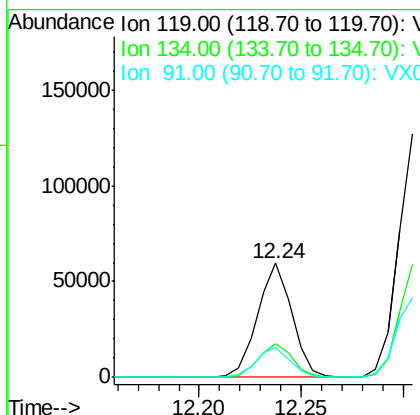
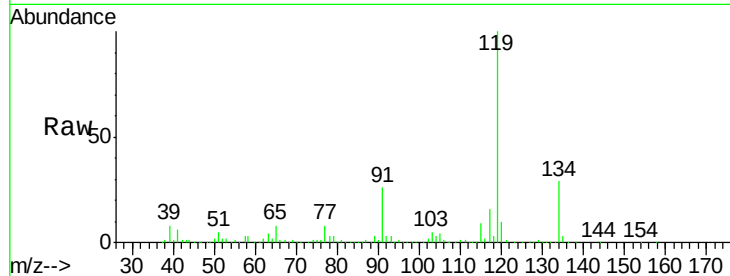




#86
 p-Isopropyltoluene
 Concen: 7.18 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.17 min
 Lab File: VX002428.D
 Acq: 09 Jun 2018 18:22

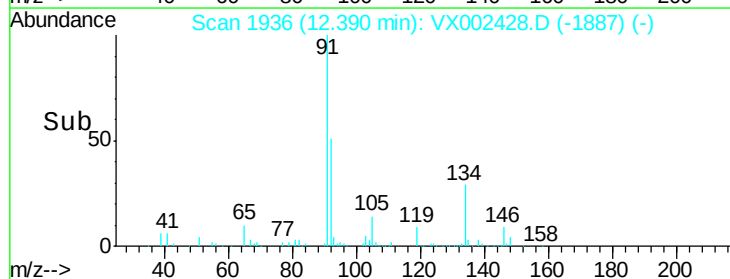
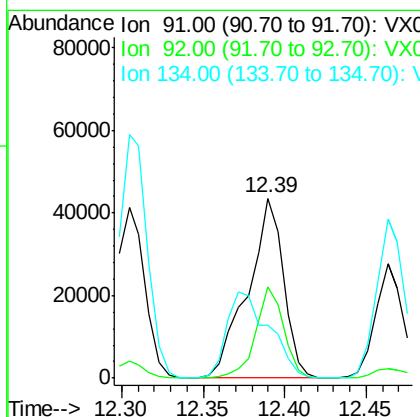
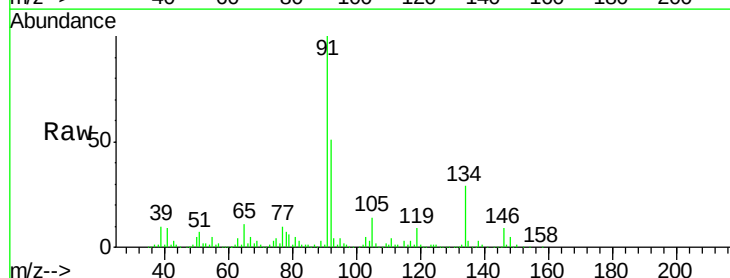
Instrument :
 MSVOA_X
 ClientSampled :

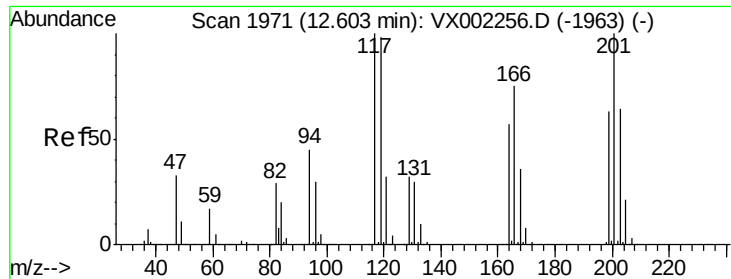
Tot Ion:119 Resp: 69892
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.4 40.1
 91 25.5 11.9 35.7



#89
 n-Butylbenzene
 Concen: 8.12 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002428.D
 Acq: 09 Jun 2018 18:22

Tgt Ion: 91 Resp: 66291
 Ion Ratio Lower Upper
 91 100
 92 40.5 26.0 78.0
 134 57.0 13.5 40.5#





#90

Hexachloroethane

Concen: 43.49 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

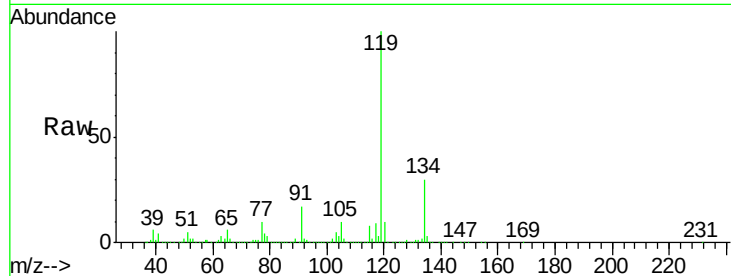
ClientSampled :

Tot Ion:117 Resp: 67601

Ion Ratio Lower Upper

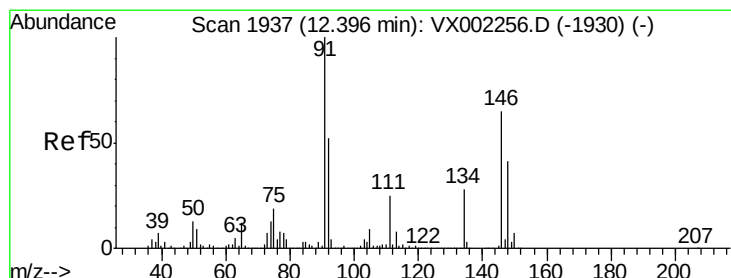
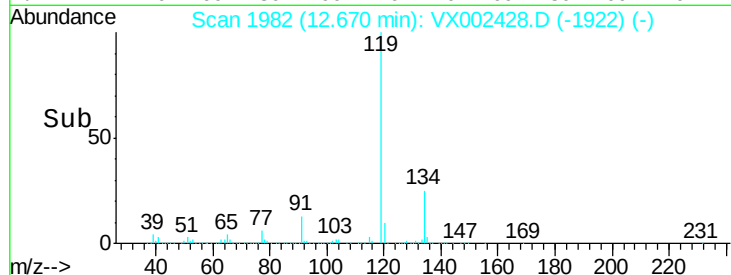
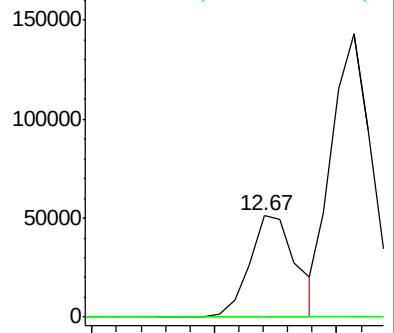
117 100

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: 1.06 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

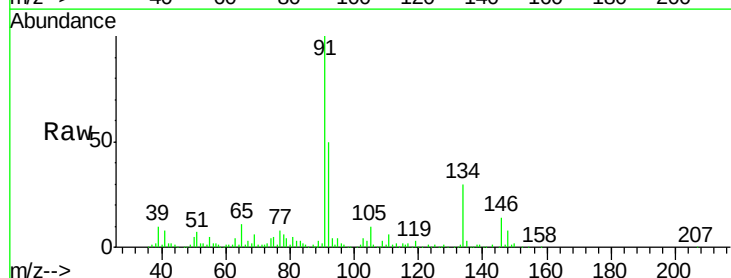
Tgt Ion:146 Resp: 6004

Ion Ratio Lower Upper

146 100

111 45.2 19.4 58.1

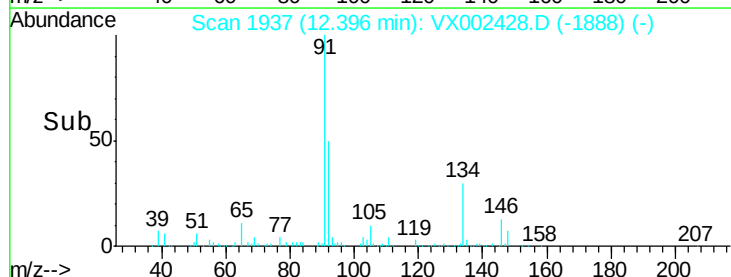
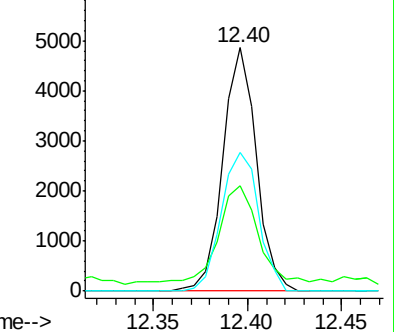
148 63.4 31.7 95.1

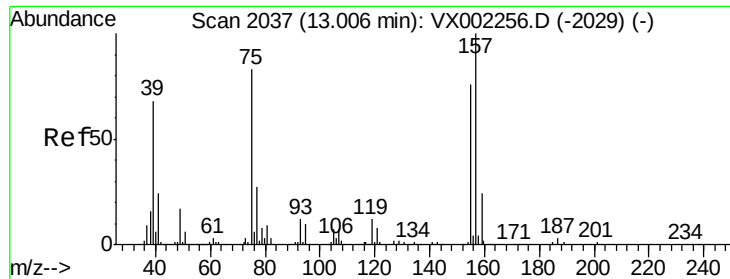


Abundance Ion 145.90 (145.60 to 146.60): V

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: 5.74 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

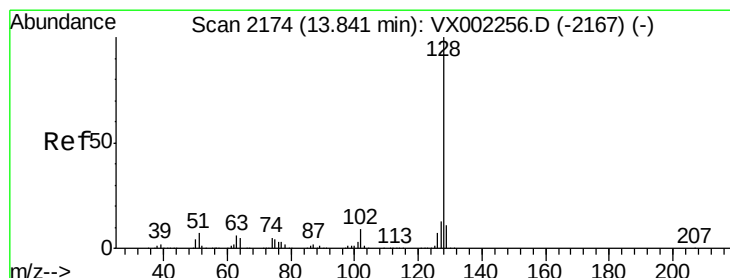
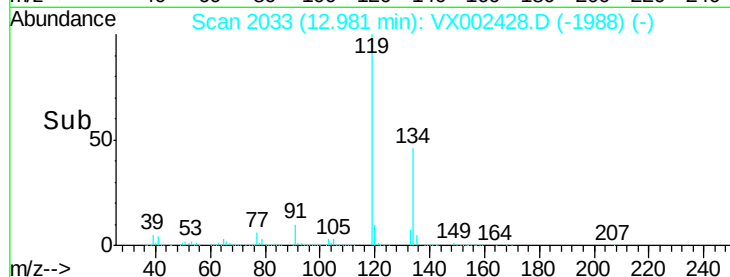
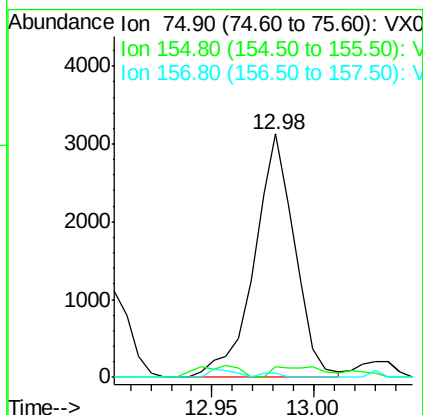
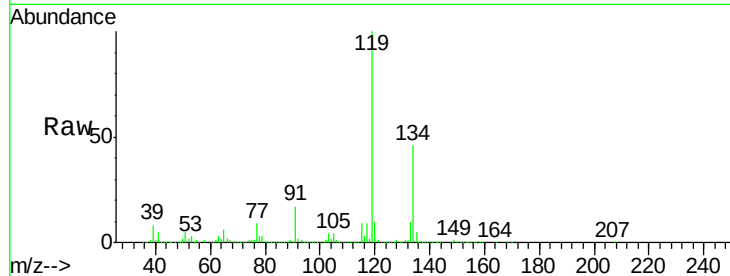
Tot Ion: 75 Resp: 4308

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

157 1.0 60.1 180.3#



#95

Naphthalene

Concen: 0.58 ug/l

RT: 13.86 min Scan# 2177

Delta R.T. 0.02 min

Lab File: VX002428.D

Acq: 09 Jun 2018 18:22

Tgt Ion:128 Resp: 6656

Ion Ratio Lower Upper

128 100

127 21.8 10.4 15.6#

129 60.5 8.6 13.0#

