

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002360.D
 Acq On : 06 Jun 2018 18:36
 Operator : JC/MD
 Sample : J3312-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:25:15 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	234100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179145	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	162691	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
35) Dibromofluoromethane	5.51	113	121466	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	
50) Toluene-d8	8.72	98	491757	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	11.14	95	172048	42.99	ug/l	0.00
Spiked Amount			Recovery	=	85.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2084	Below Cal	#	65
5) Bromomethane	1.68	94	1063	Below Cal	#	58
6) Chloroethane	1.94	64	718	0.36	ug/l	100
8) Diethyl Ether	2.32	74	52	Below Cal		54
10) Methyl Iodide	2.52	142	929	0.26	ug/l	# 81
11) Tert butyl alcohol	3.07	59	1178	Below Cal		99
13) Acrolein	2.27	56	4211	3.03	ug/l	# 1
14) Allyl chloride	2.81	41	58823	10.88	ug/l	# 1
15) Acrylonitrile	3.15	53	151	Below Cal	#	60
16) Acetone	2.45	43	4925	Below Cal		92
18) Methyl Acetate	2.76	43	61	Below Cal	#	55
19) Methyl tert-butyl Ether	3.20	73	46	Below Cal	#	4
20) Methylene Chloride	2.85	84	479	Below Cal	#	38
22) Diisopropyl ether	3.87	45	149	Below Cal	#	18
25) 2-Butanone	4.72	43	541	0.24	ug/l	# 60
28) Bromochloromethane	5.05	49	22	Below Cal	#	13
29) Tetrahydrofuran	5.20	42	331	0.22	ug/l	# 36
31) Cyclohexane	5.58	56	18923	4.48	ug/l	92
36) 1,1-Dichloropropene	5.67	75	16945	4.68	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	22425	5.92	ug/l	# 15
39) Methylcyclohexane	7.46	83	16928	4.03	ug/l	99
40) Benzene	6.15	78	6629	0.60	ug/l	96
52) Toluene	8.79	92	32443	4.60	ug/l	98
55) 1,1,2-Trichloroethane	9.17	97	3656	1.26	ug/l	# 17
59) 2-Hexanone	9.45	43	865	0.24	ug/l	# 28
65) Chlorobenzene	10.14	112	12653	1.64	ug/l	100
69) o-Xylene	10.70	106	1075	0.22	ug/l	64
73) Isopropylbenzene	11.02	105	366192	29.38	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	958	0.24	ug/l	# 44
76) 1,2,3-Trichloropropane	11.14	75	94027	23.92	ug/l	# 31
78) n-propylbenzene	11.37	91	316815	22.87	ug/l	99
79) 2-Chlorotoluene	11.37	91	316815	36.22	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.02	75	4799	4.28	ug/l	# 71
82) 4-Chlorotoluene	11.37	91	316815	31.38	ug/l	# 44

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QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

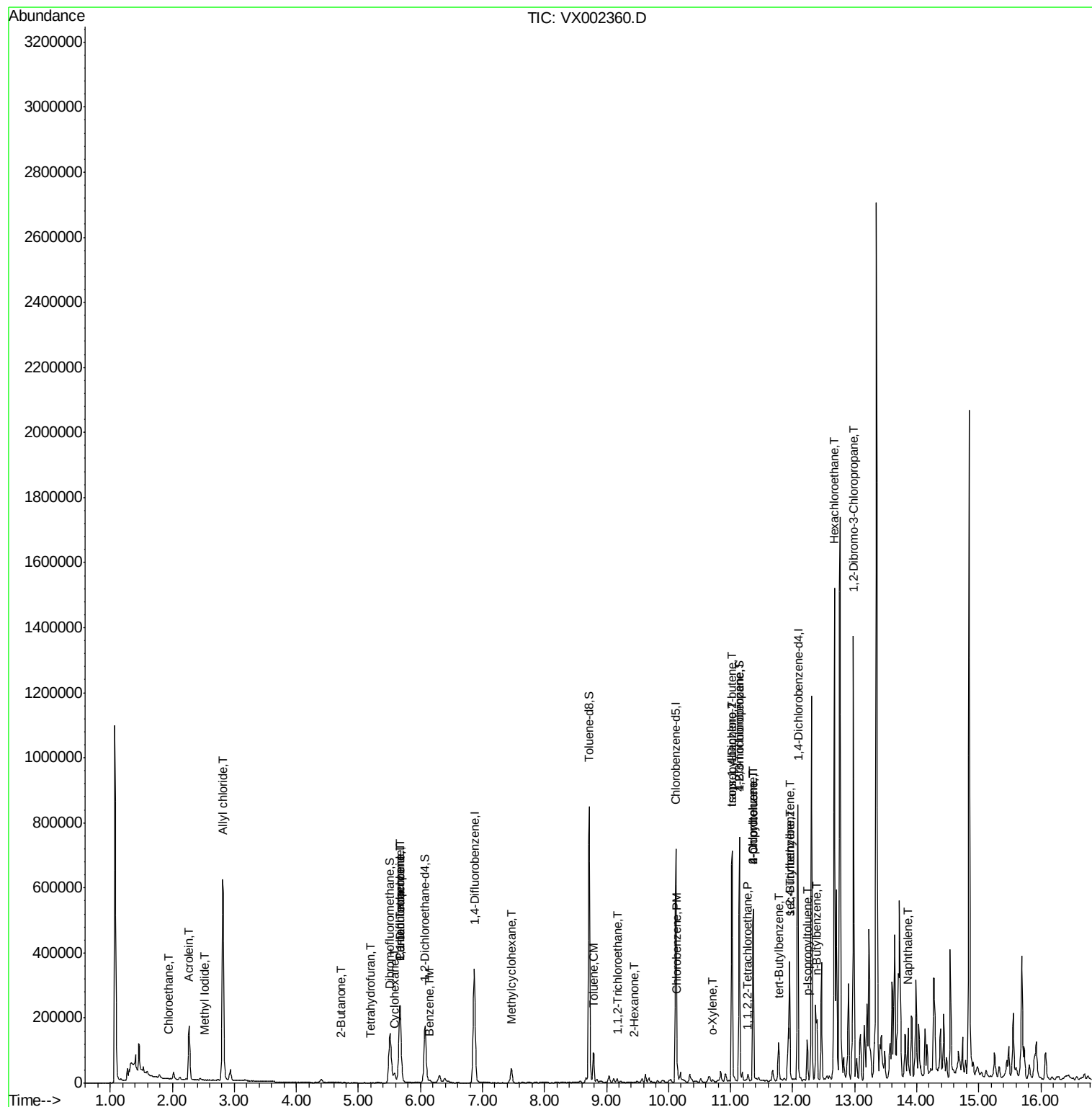
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	40142	3.86	ug/l	93
84) 1,2,4-Trimethylbenzene	11.95	105	180008	16.36	ug/l #	32
85) sec-Butylbenzene	11.95	105	180008	14.75	ug/l #	78
86) p-Isopropyltoluene	12.24	119	51692	4.65	ug/l	97
89) n-Butylbenzene	12.39	91	84687	9.08	ug/l #	78
90) Hexachloroethane	12.68	117	67979	38.31	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4689	5.47	ug/l #	1
95) Naphthalene	13.85	128	5180	0.40	ug/l #	21

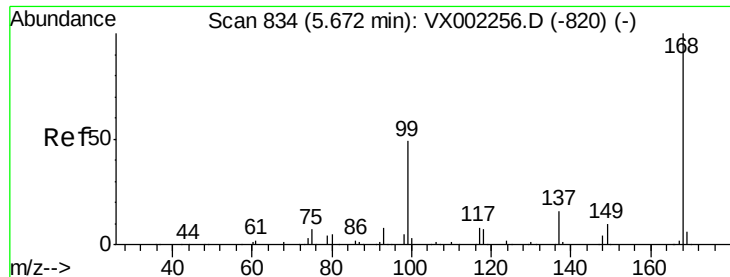
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

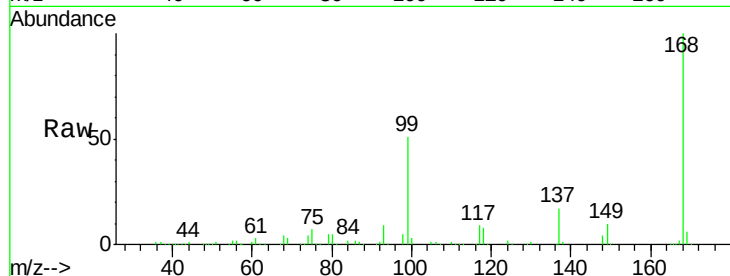
ClientSampleId :

Tot Ion:168 Resp: 234100

Ion Ratio Lower Upper

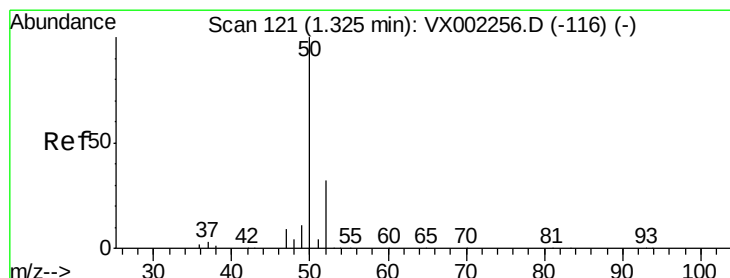
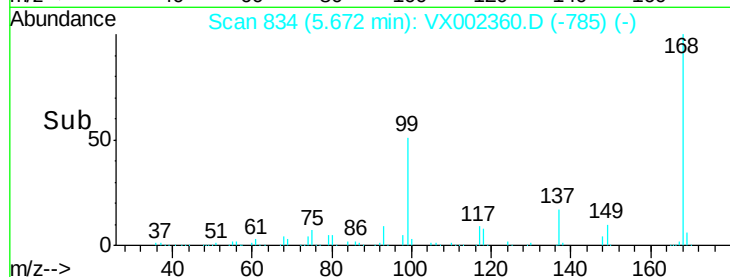
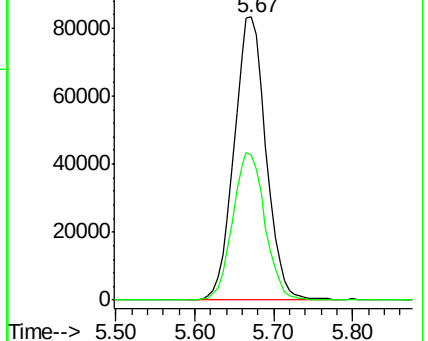
168 100

99 51.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002360.D

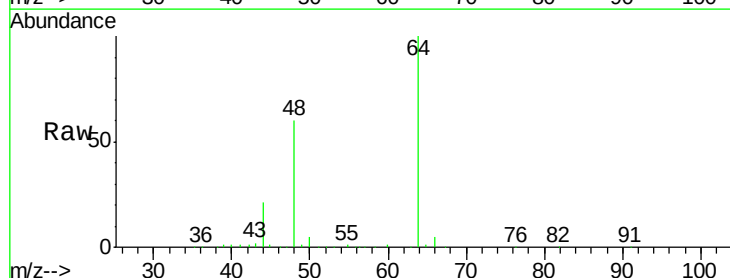
Acq: 06 Jun 2018 18:36

Tgt Ion: 50 Resp: 2084

Ion Ratio Lower Upper

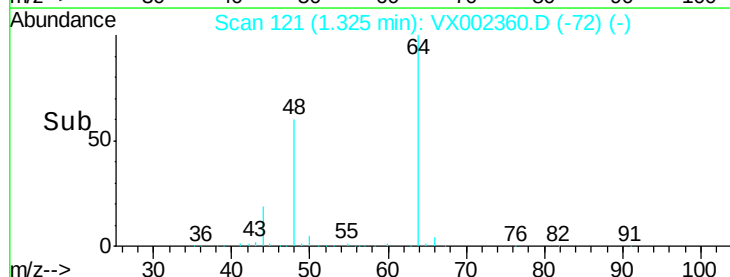
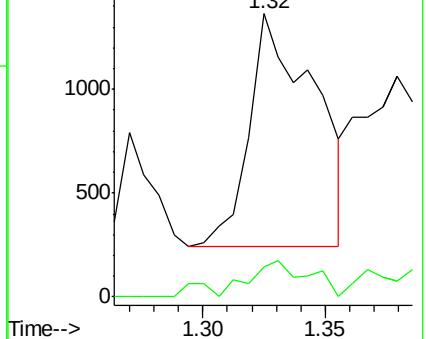
50 100

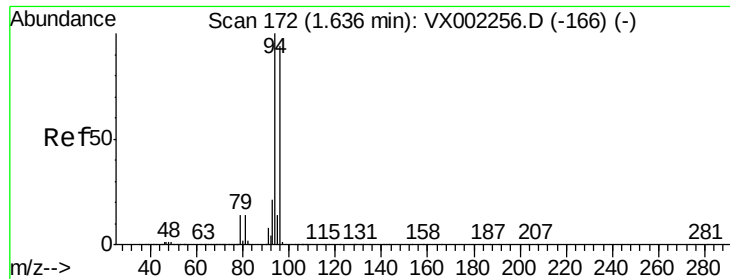
52 12.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.68 min Scan# 179

Delta R.T. 0.04 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

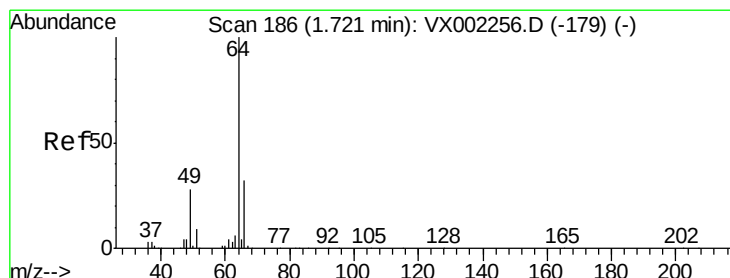
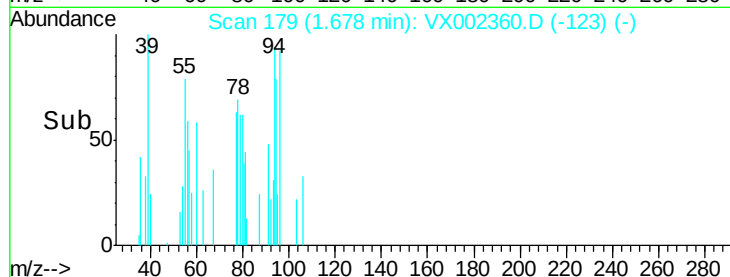
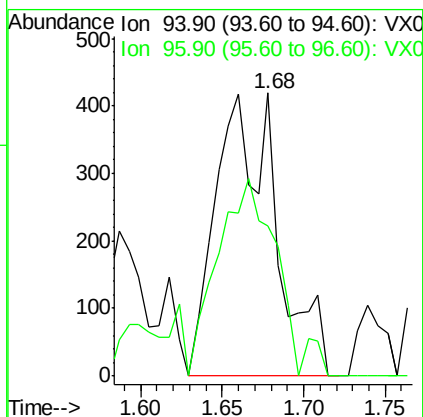
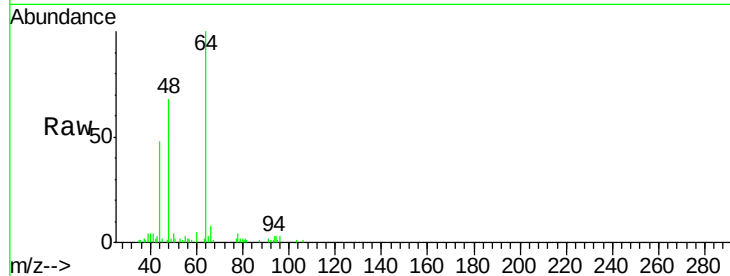
ClientSampleId :

Tot Ion: 94 Resp: 1063

Ion Ratio Lower Upper

94 100

96 53.0 74.9 112.3#



#6

Chloroethane

Concen: 0.36 ug/l

RT: 1.94 min Scan# 222

Delta R.T. 0.22 min

Lab File: VX002360.D

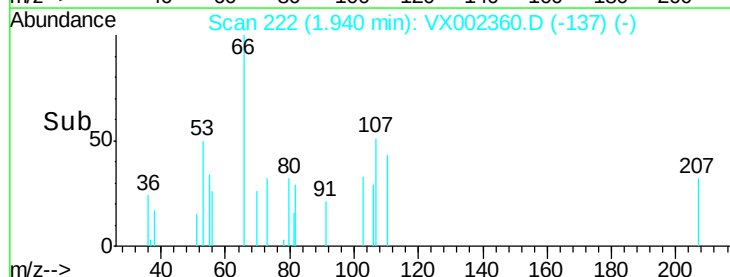
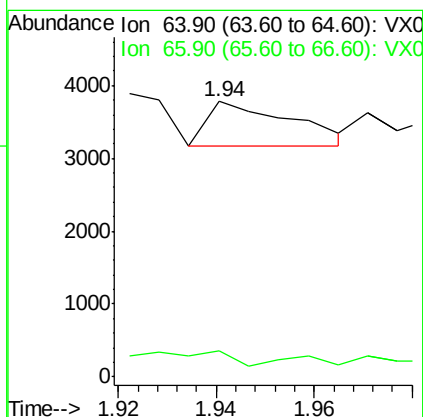
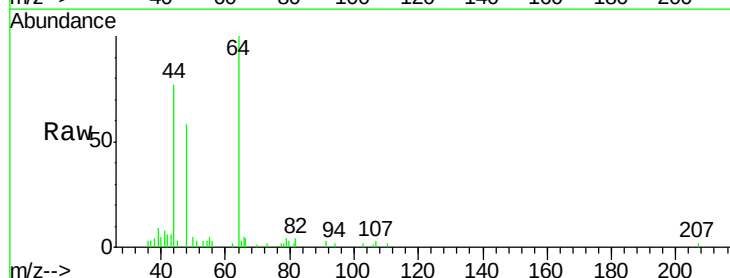
Acq: 06 Jun 2018 18:36

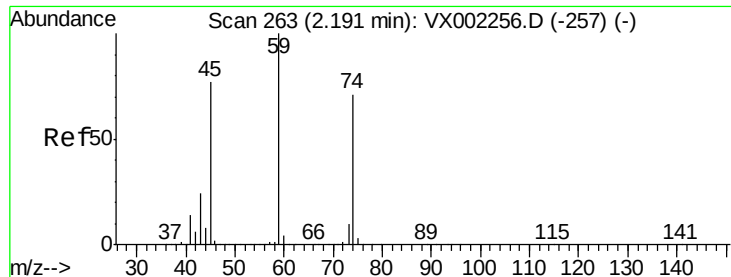
Tgt Ion: 64 Resp: 718

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3

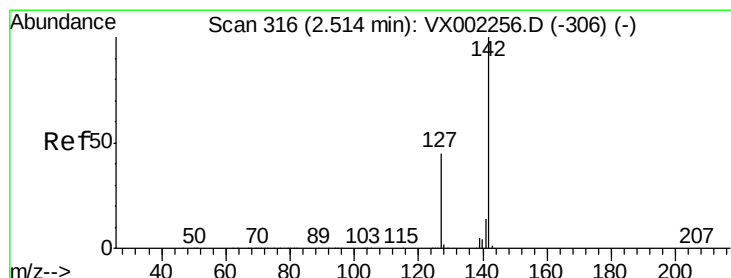
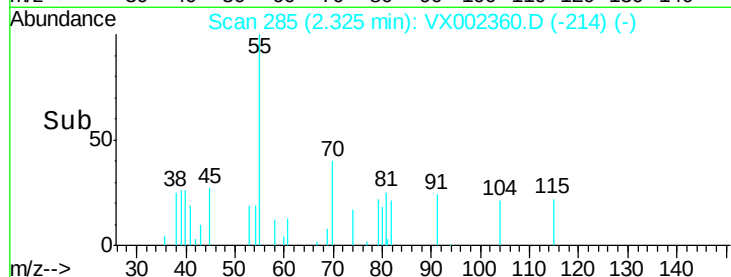
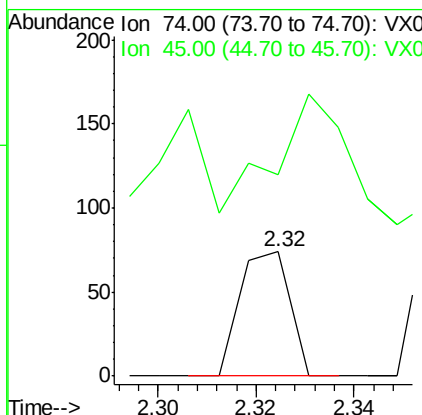
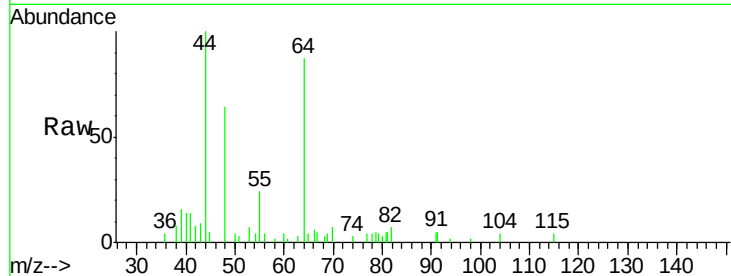




#8
Diethyl Ether
Concen: Below Cal
RT: 2.32 min Scan# 285
Delta R.T. 0.13 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

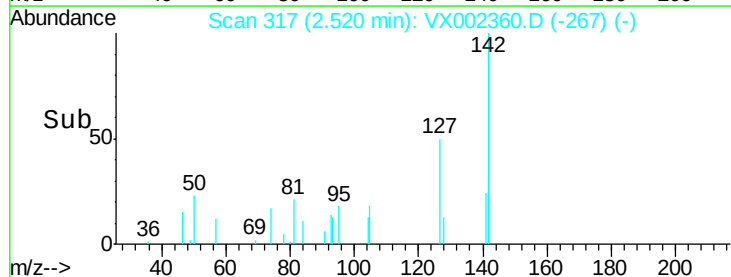
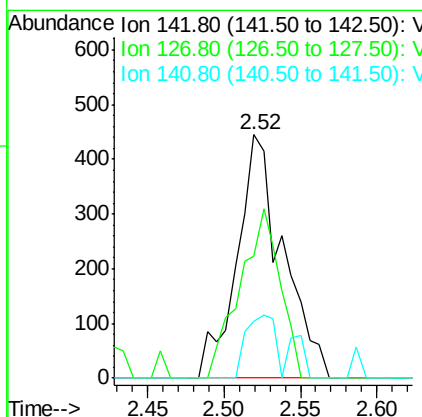
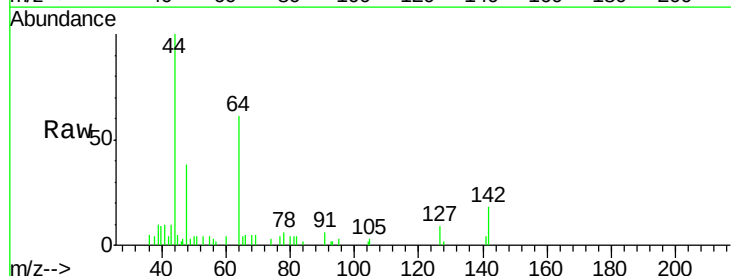
Instrument :
MSVOA_X
ClientSampled :

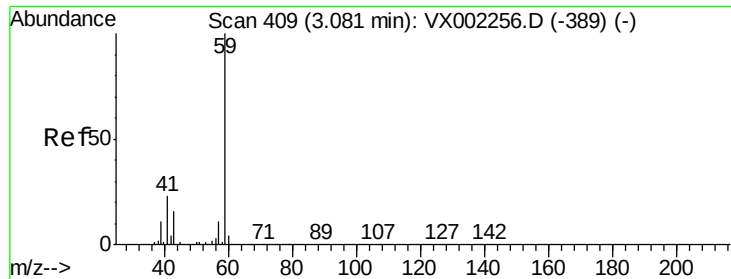
Tot Ion: 74 Resp: 52
Ion Ratio Lower Upper
74 100
45 153.8 53.1 159.4



#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion: 142 Resp: 929
Ion Ratio Lower Upper
142 100
127 60.8 36.6 55.0#
141 16.3 11.3 16.9

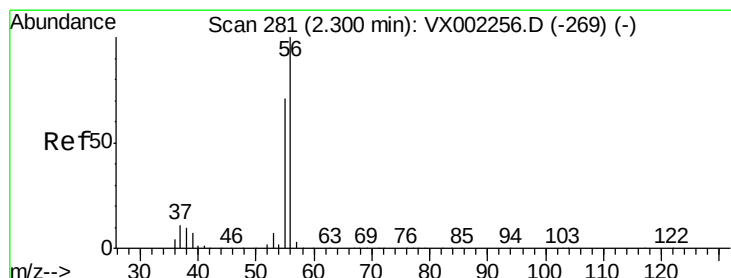
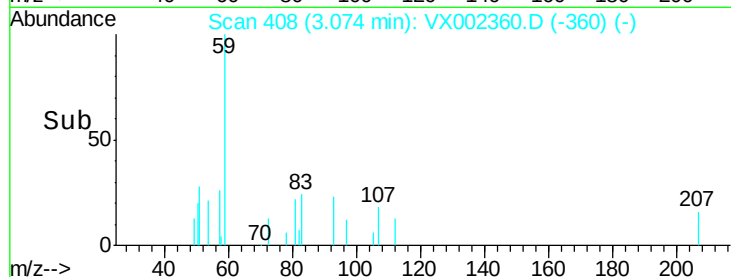
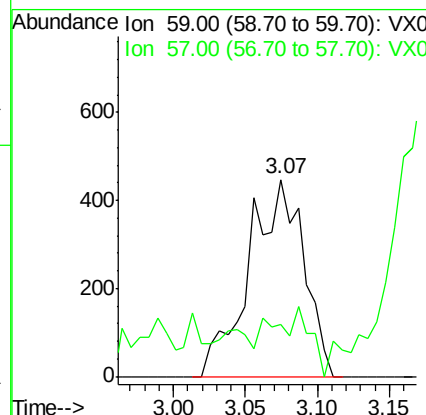
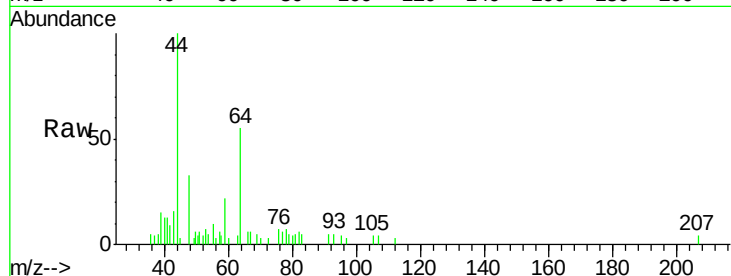




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

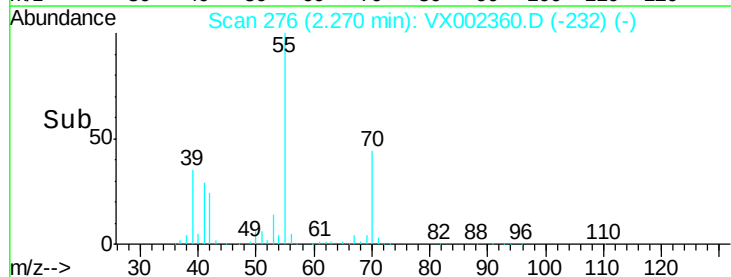
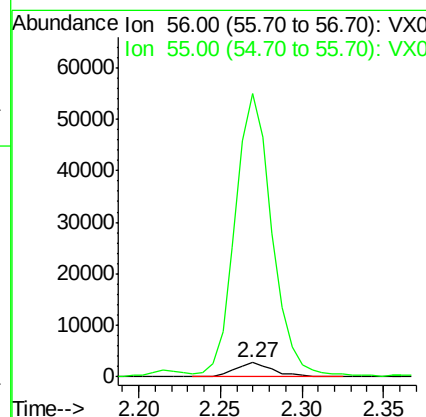
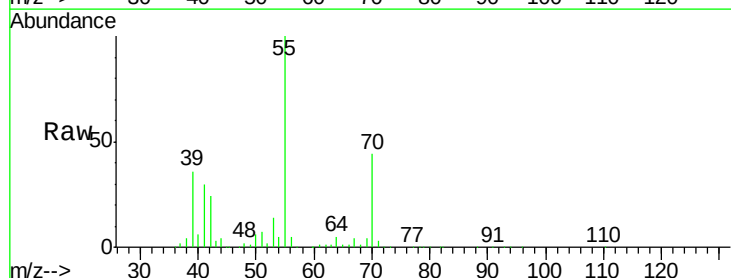
Instrument :
MSVOA_X
ClientSampleId :

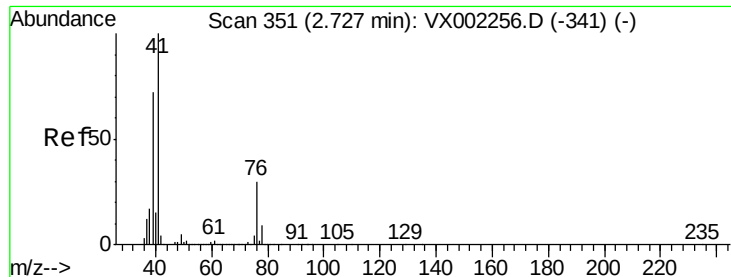
Tot Ion: 59 Resp: 1178
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#13
Acrolein
Concen: 3.03 ug/l
RT: 2.27 min Scan# 276
Delta R.T. -0.03 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion: 56 Resp: 4211
Ion Ratio Lower Upper
56 100
55 2045.2 57.0 85.4#





#14

Allvl chloride

Concen: 10.88 ua/l

RT: 2.81 min Scan# 365

Delta R.T. 0.09 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

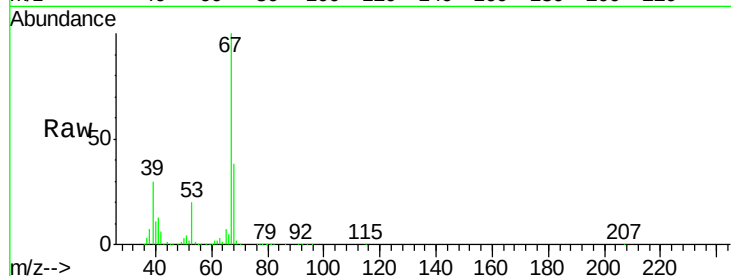
Tot Ion: 41 Resp: 58823

Ion Ratio Lower Upper

41 100

39 224.9 56.8 85.2#

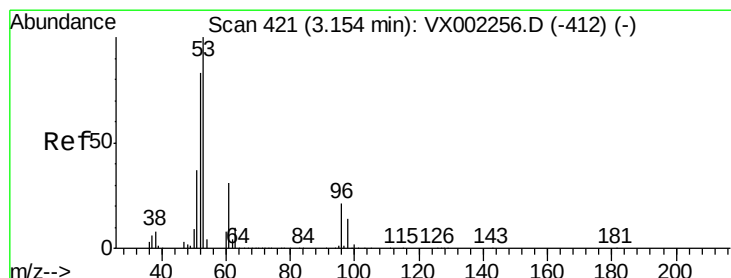
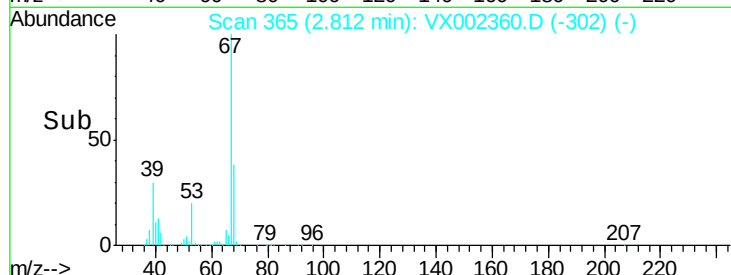
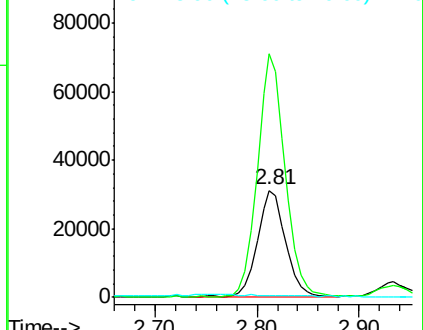
76 0.0 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: Below Cal

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

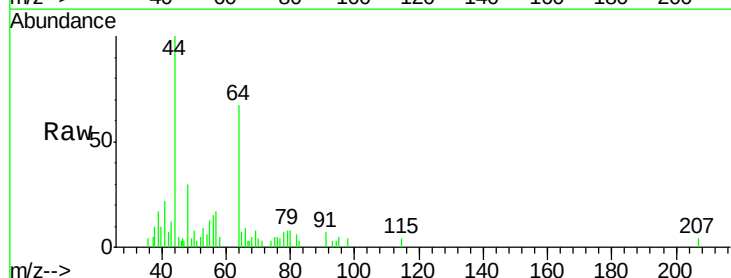
Tgt Ion: 53 Resp: 151

Ion Ratio Lower Upper

53 100

52 100.0 66.7 100.1

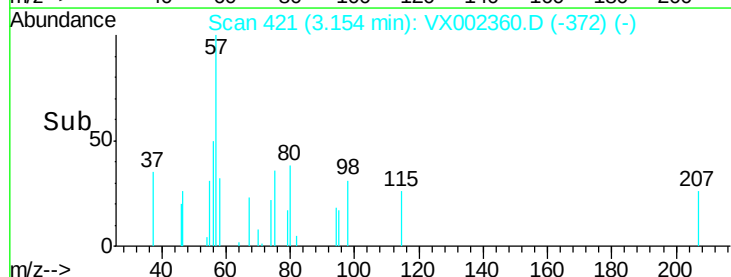
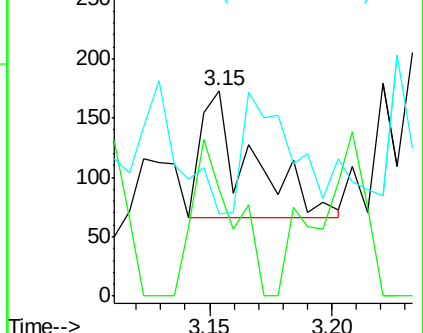
51 90.7 29.9 44.9#

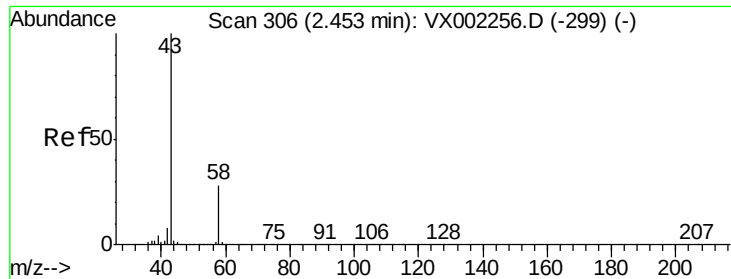


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

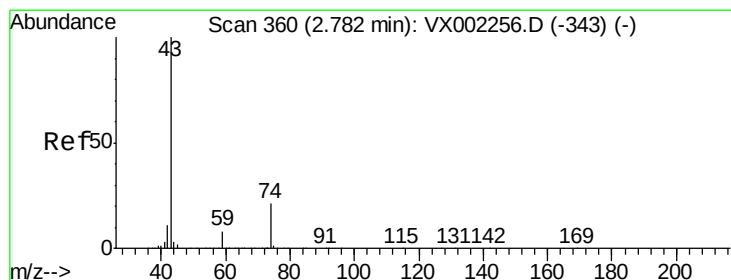
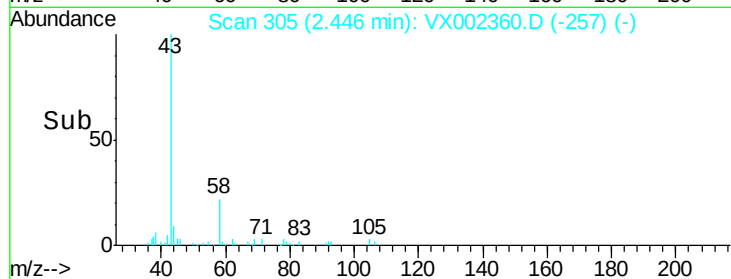
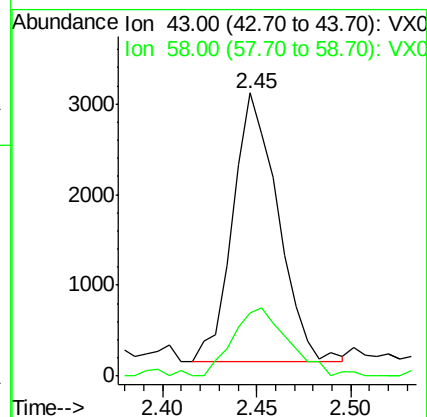
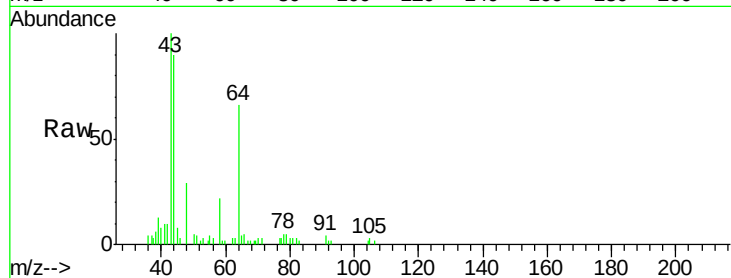




#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

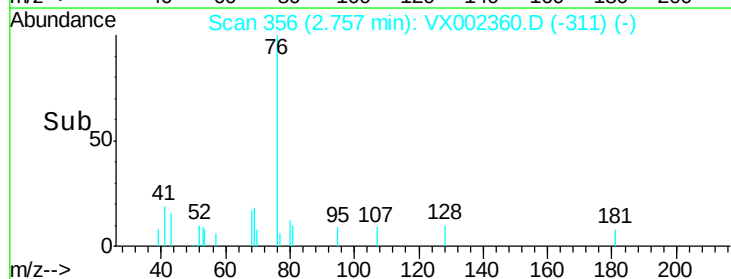
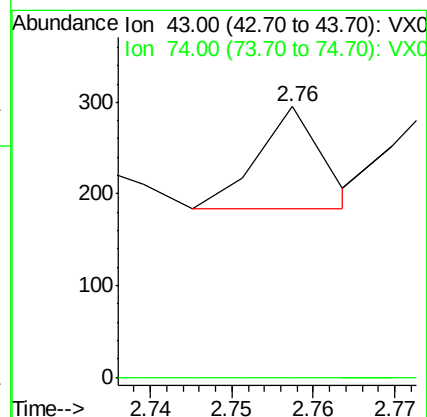
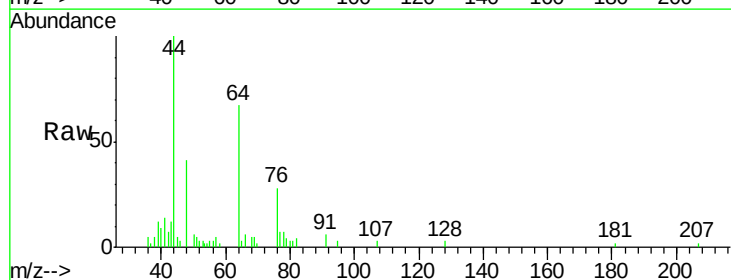
Instrument :
MSVOA_X
ClientSampleId :

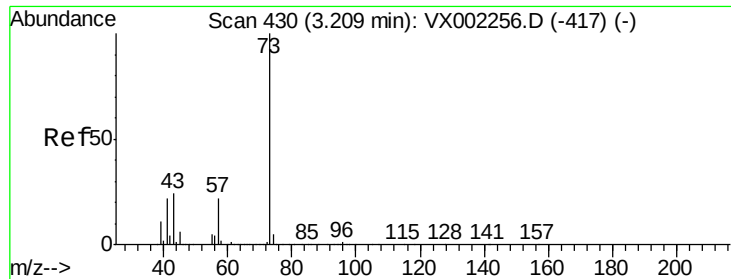
Tot Ion: 43 Resp: 4925
Ion Ratio Lower Upper
43 100
58 23.4 22.1 33.1



#18
Methyl Acetate
Concen: Below Cal
RT: 2.76 min Scan# 356
Delta R.T. -0.02 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



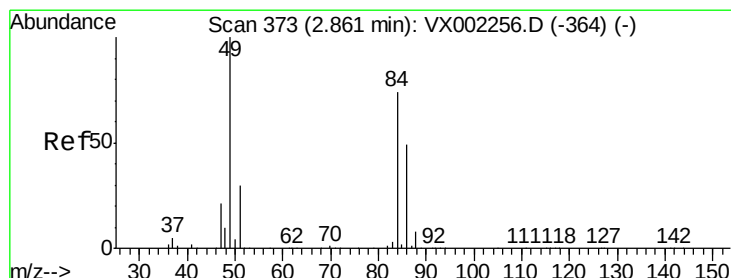
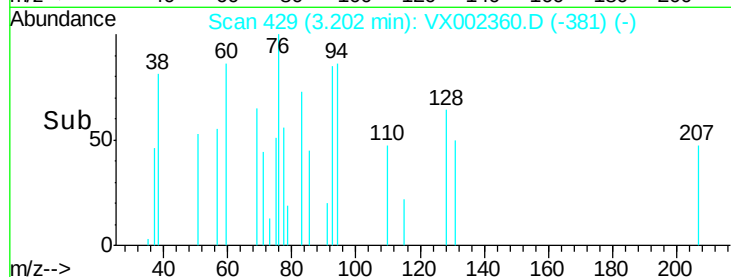
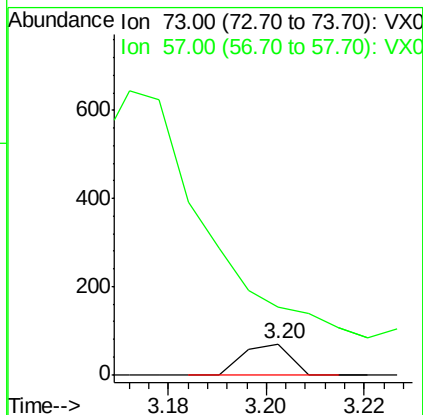
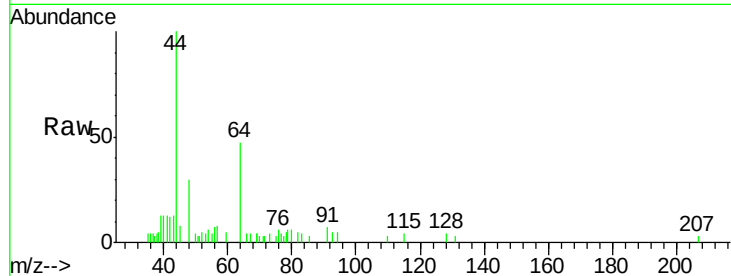


#19

Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampled :

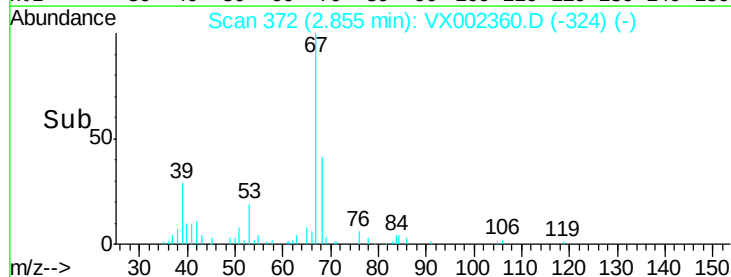
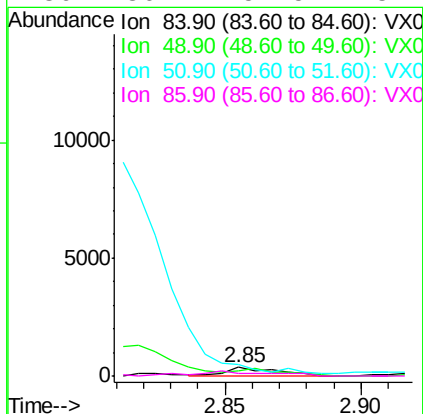
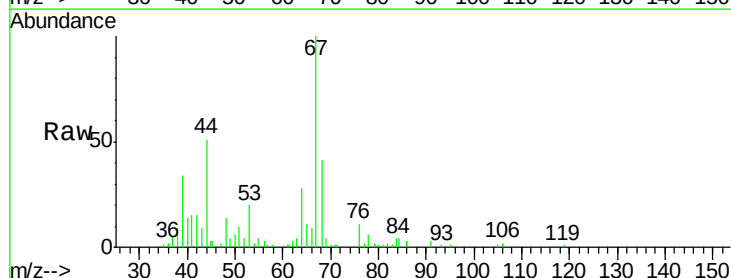
Tot Ion: 73 Resp: 46
Ion Ratio Lower Upper
73 100
57 68.1 17.7 26.5#

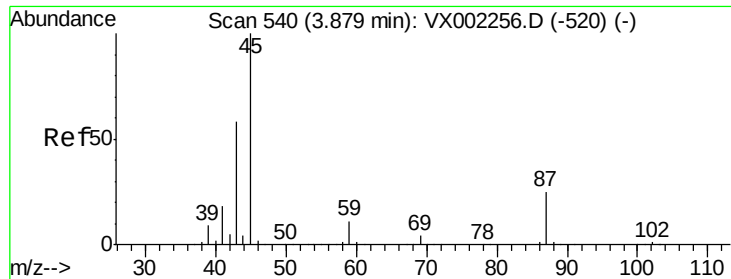


#20

Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion: 84 Resp: 479
Ion Ratio Lower Upper
84 100
49 59.3 107.8 161.6#
51 101.7 32.8 49.2#
86 36.2 52.5 78.7#



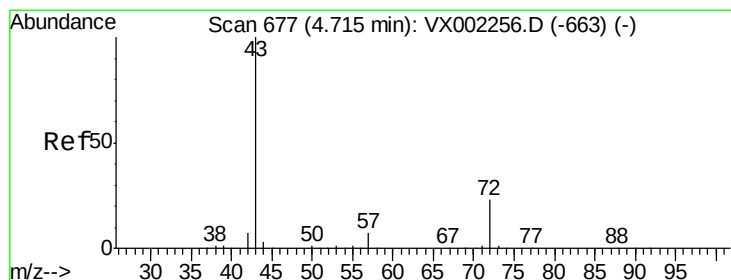
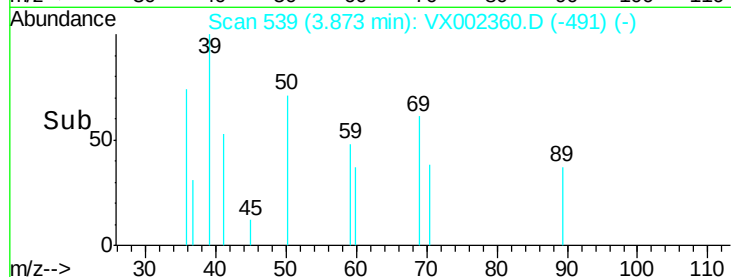
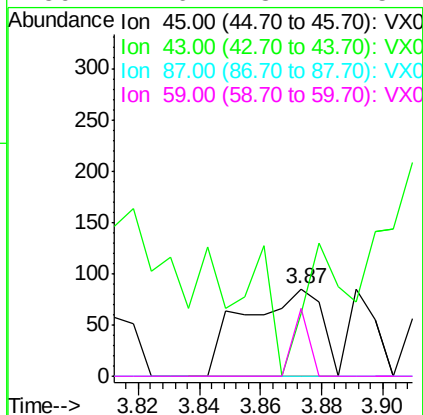
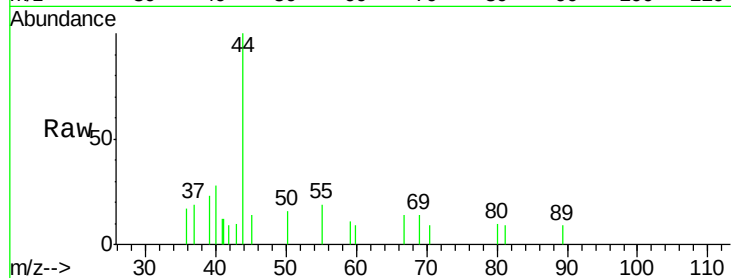


#22

Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampled :

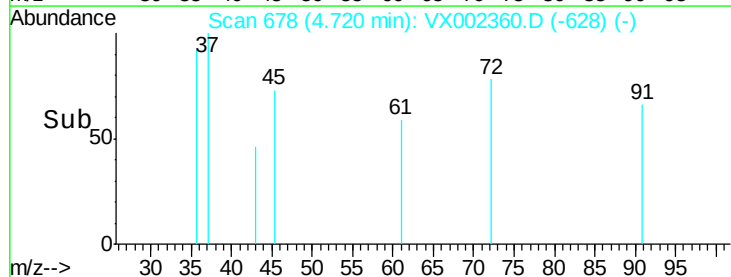
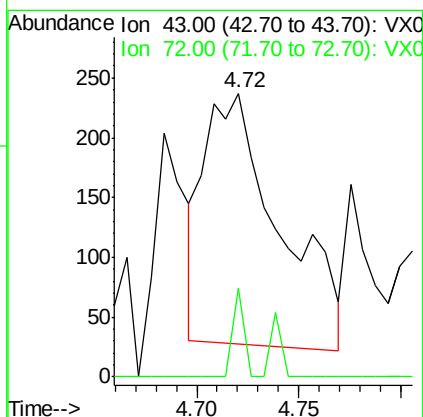
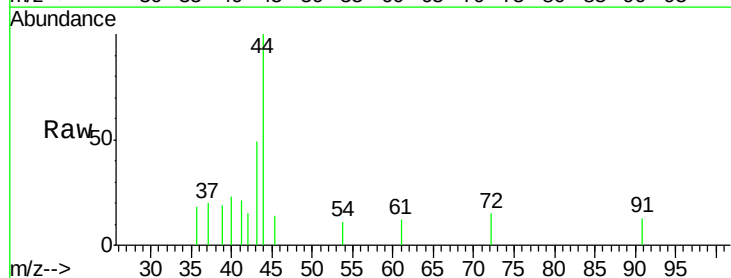
Tot Ion:	45	Resp:	149
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	20.2	30.4#
59	77.6	8.7	13.1#

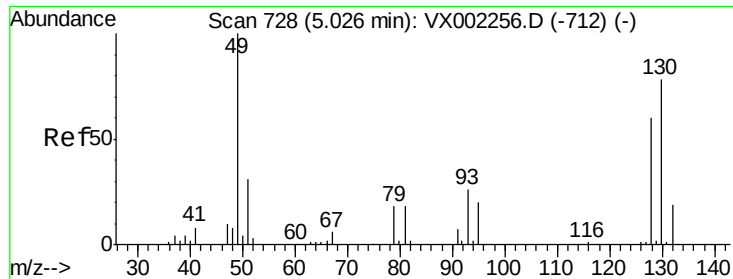


#25

2-Butanone
Concen: 0.24 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion:	43	Resp:	541
Ion	Ratio	Lower	Upper
43	100		
72	42.5	18.5	27.7#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.05 min Scan# 732

Delta R.T. 0.02 min

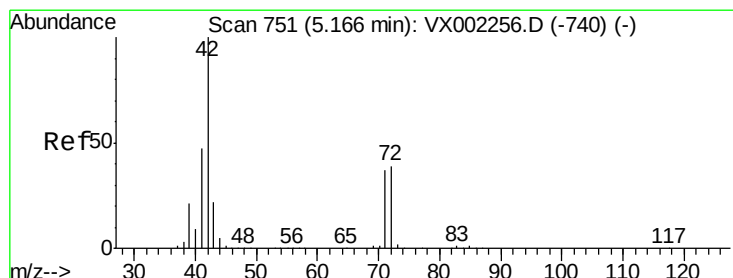
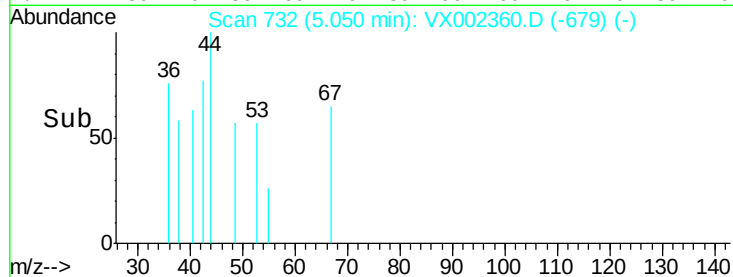
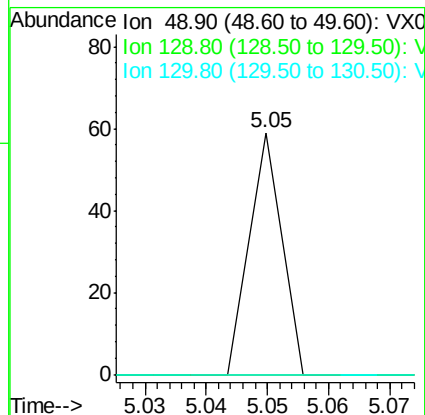
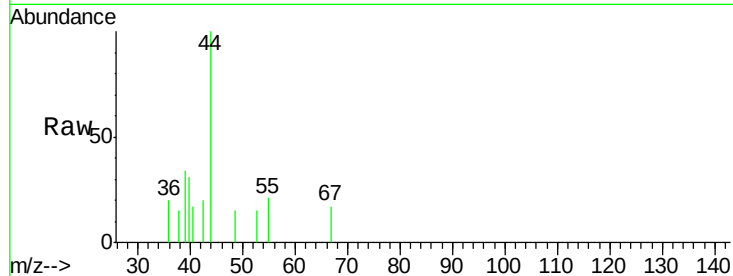
Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 22

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



#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.20 min Scan# 756

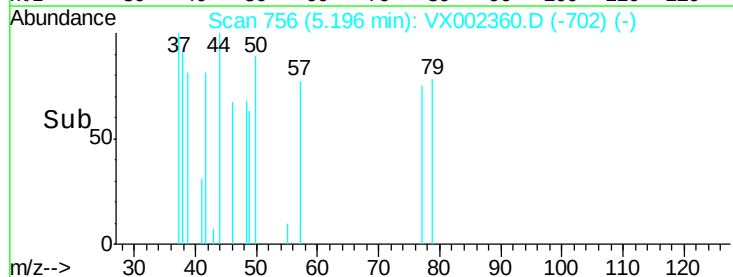
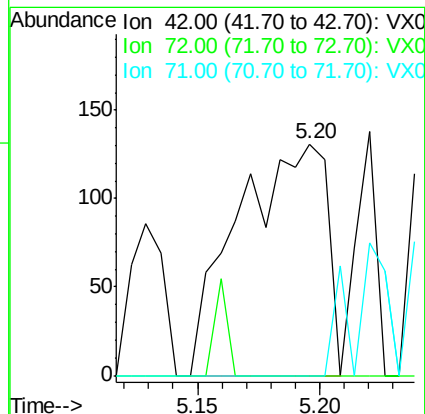
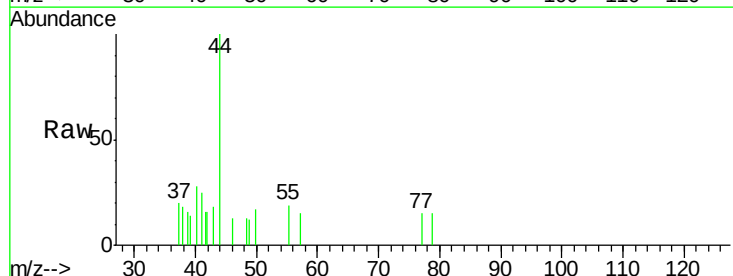
Delta R.T. 0.03 min

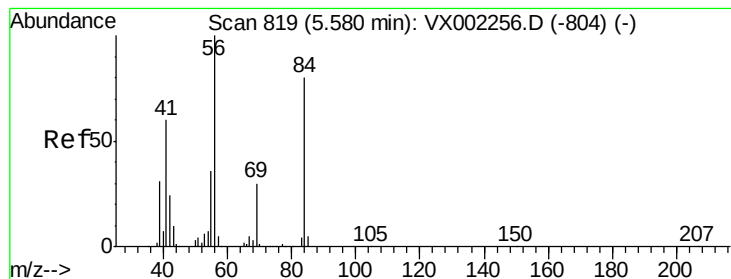
Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Tgt Ion: 42 Resp: 331

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.1	45.1#





#31

Cyclohexane

Concen: 4.48 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

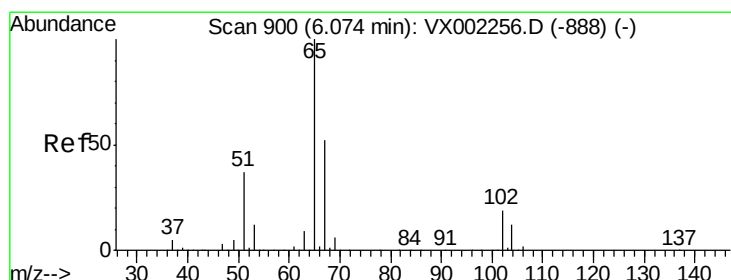
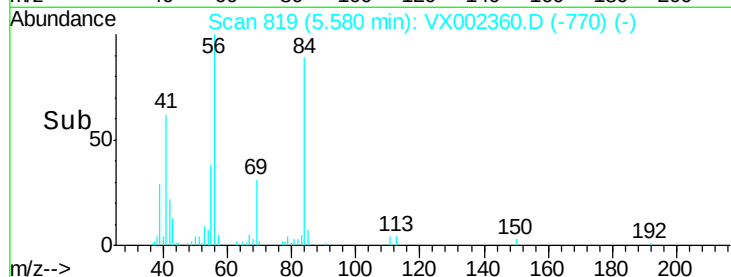
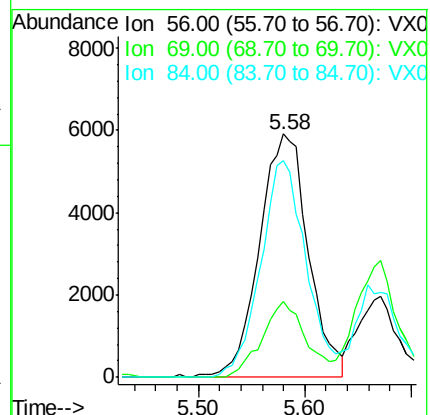
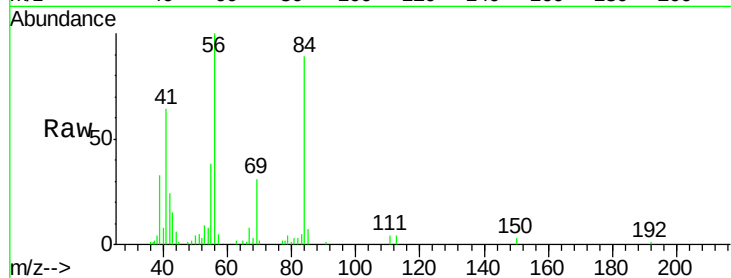
Tot Ion: 56 Resp: 18923

Ion Ratio Lower Upper

56 100

69 31.3 23.7 35.5

84 89.1 64.1 96.1



#33

1,2-Dichloroethane-d4

Concen: 48.49 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002360.D

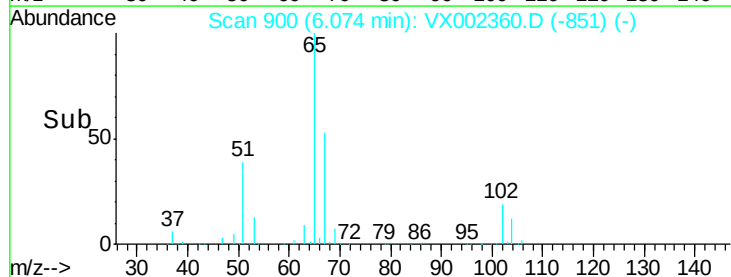
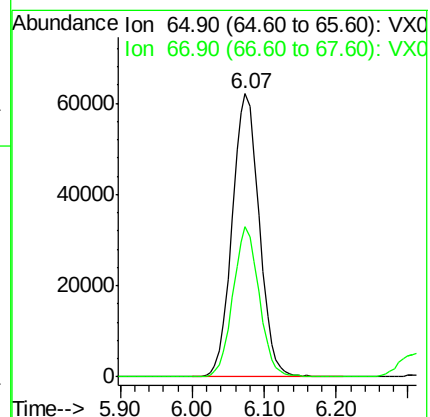
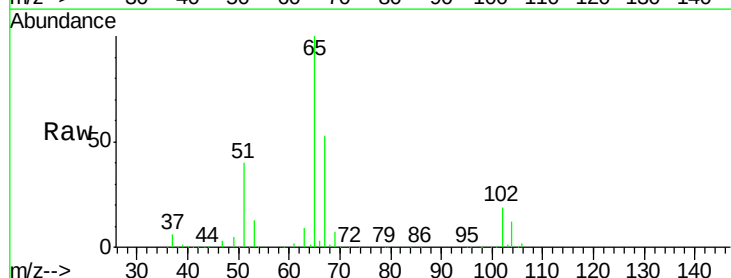
Acq: 06 Jun 2018 18:36

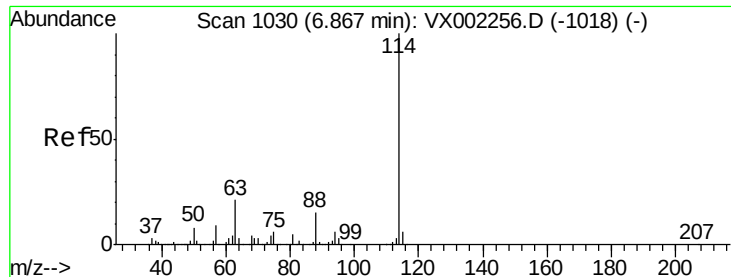
Tgt Ion: 65 Resp: 162691

Ion Ratio Lower Upper

65 100

67 51.4 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: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

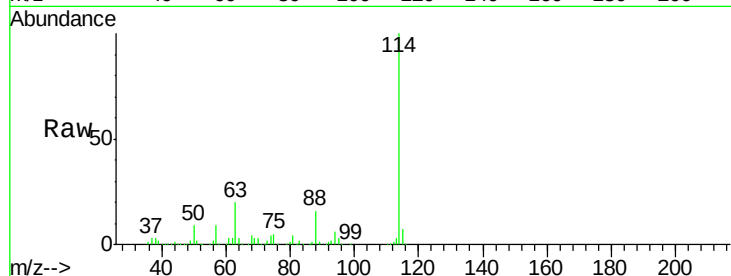
Tot Ion:114 Resp: 344327

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

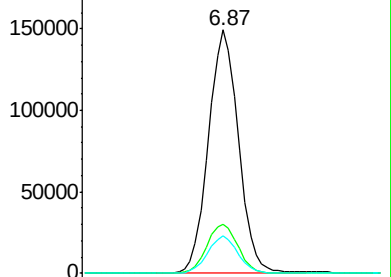
88 15.6 0.0 30.0



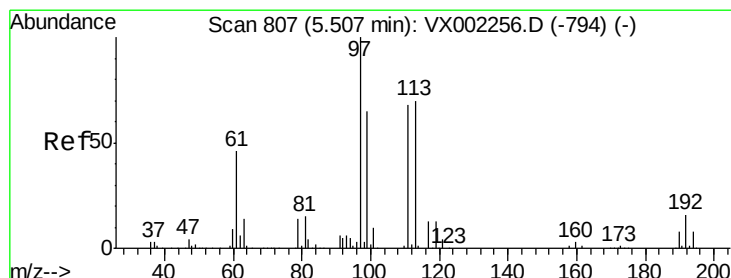
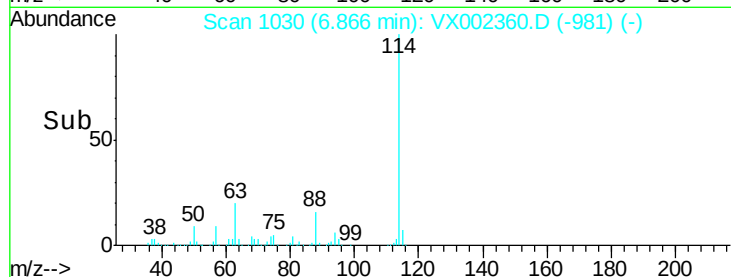
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 44.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

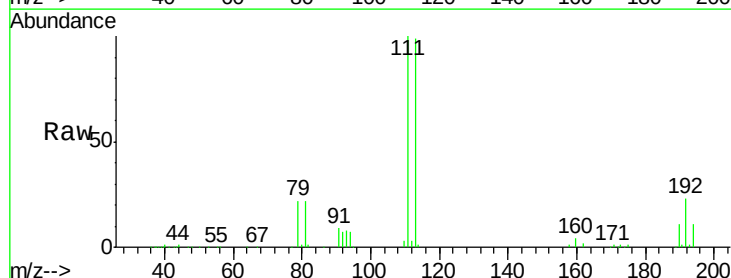
Tgt Ion:113 Resp: 121466

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

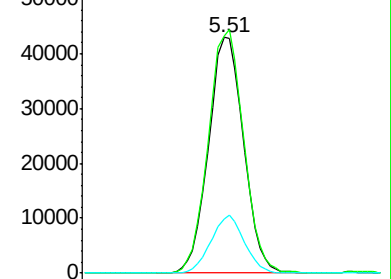
192 23.2 19.1 28.7



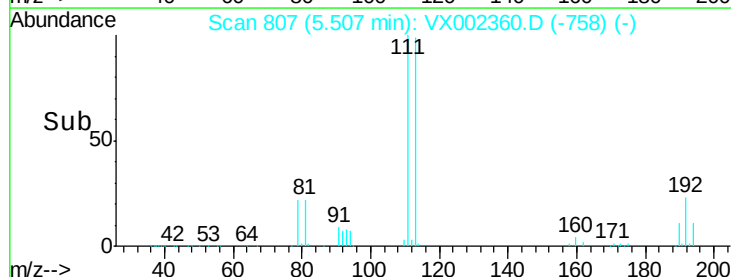
Abundance Ion 112.80 (112.50 to 113.50): V

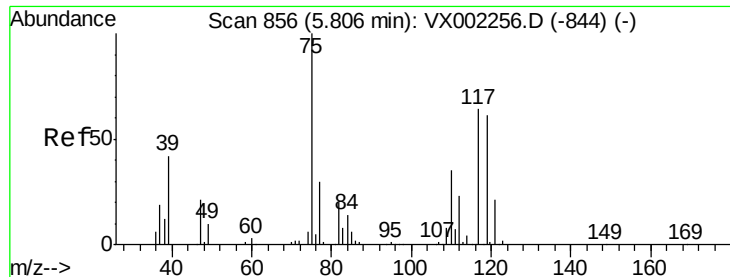
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

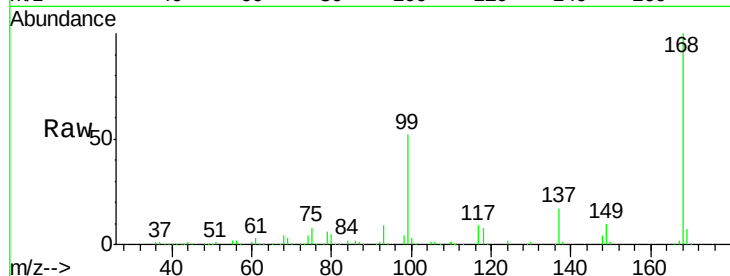




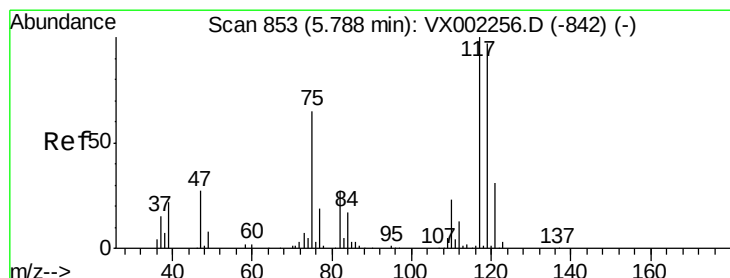
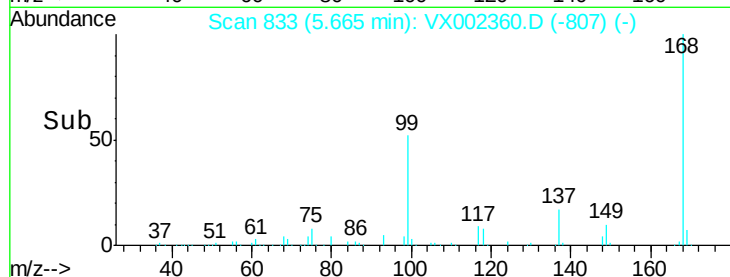
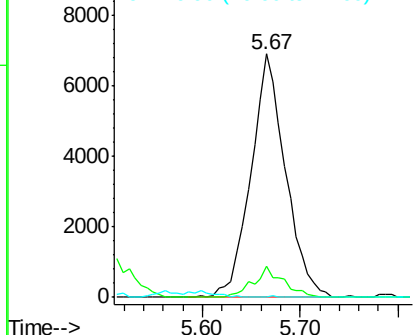
#36
 1,1-Dichloropropene
 Concen: 4.68 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 16945
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.1 54.4#
 77 0.1 24.3 36.5#

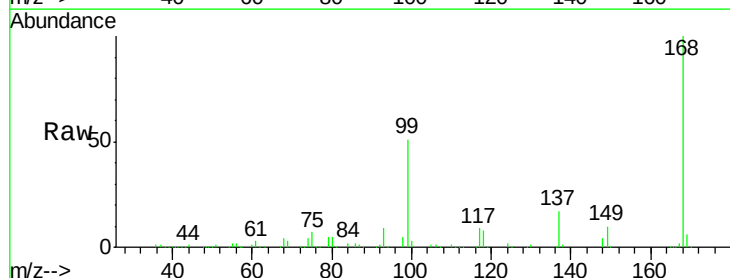


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

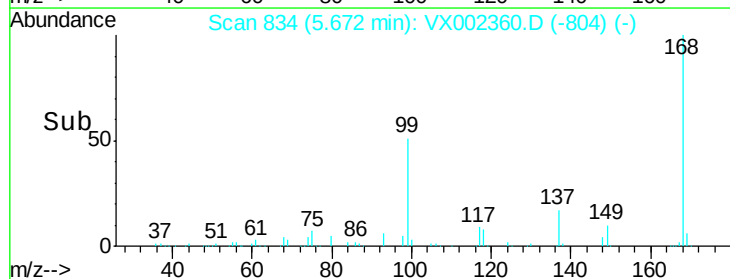
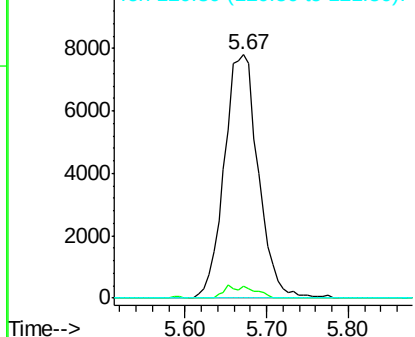


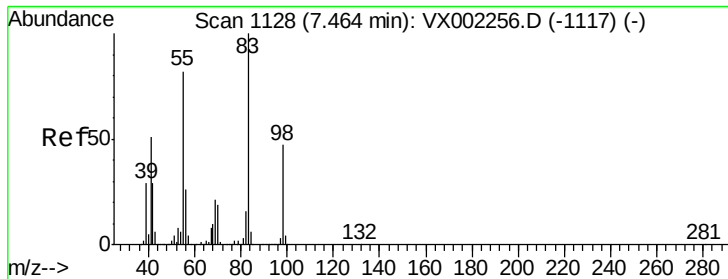
#38
 Carbon Tetrachloride
 Concen: 5.92 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

Tgt Ion: 117 Resp: 22425
 Ion Ratio Lower Upper
 117 100
 119 4.9 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

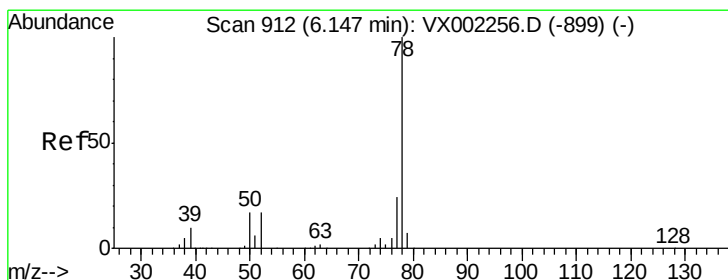
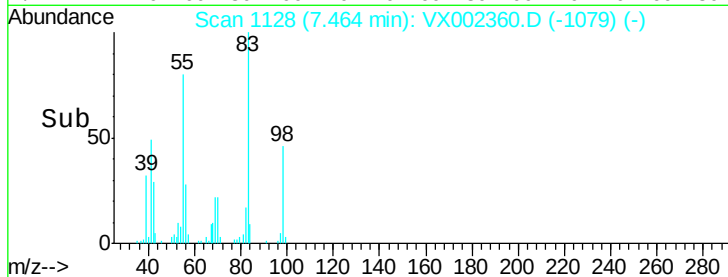
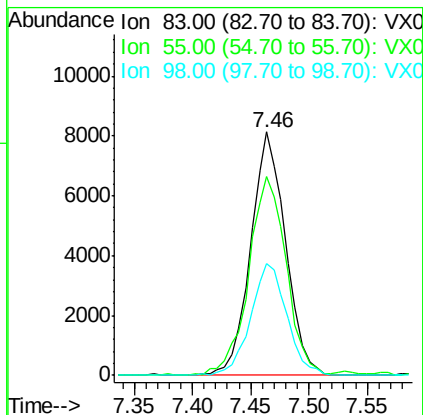
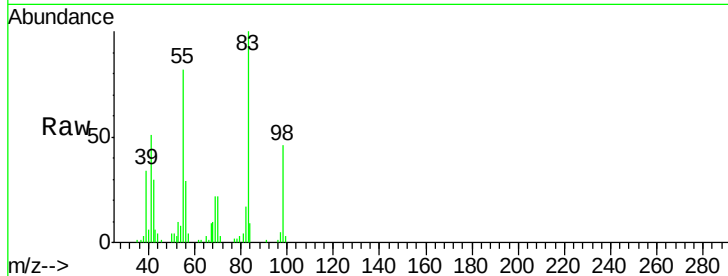




#39
Methylvlcyclohexane
Concen: 4.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

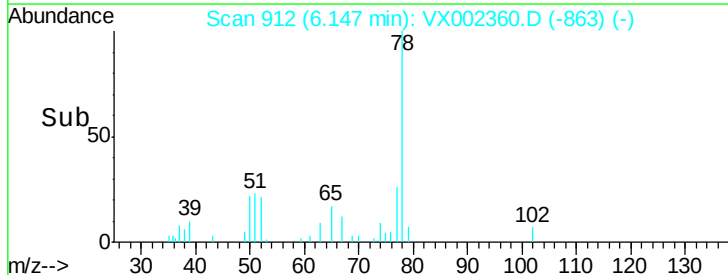
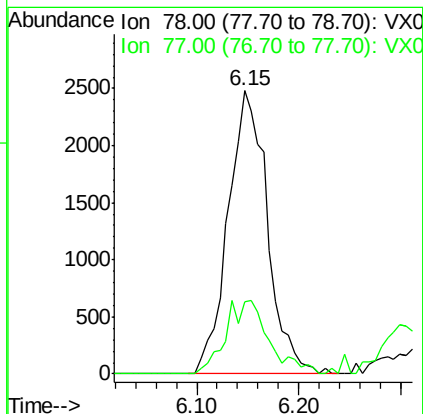
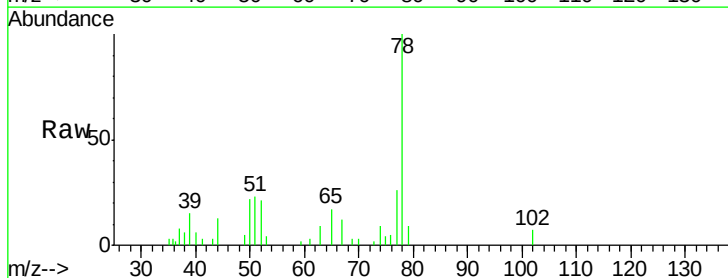
Instrument :
MSVOA_X
ClientSampled :

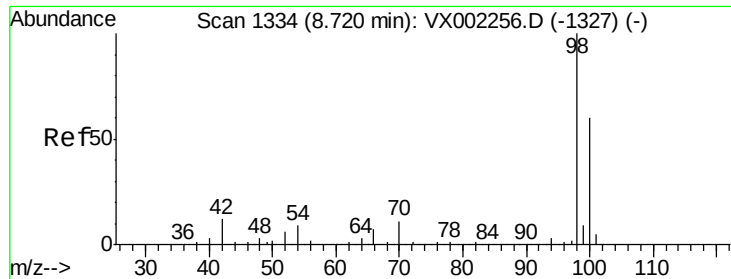
Tot Ion: 83 Resp: 16928
Ion Ratio Lower Upper
83 100
55 81.6 65.4 98.0
98 45.7 37.4 56.0



#40
Benzene
Concen: 0.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion: 78 Resp: 6629
Ion Ratio Lower Upper
78 100
77 25.7 19.1 28.7

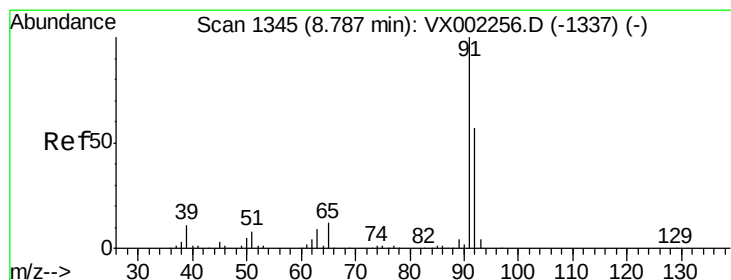
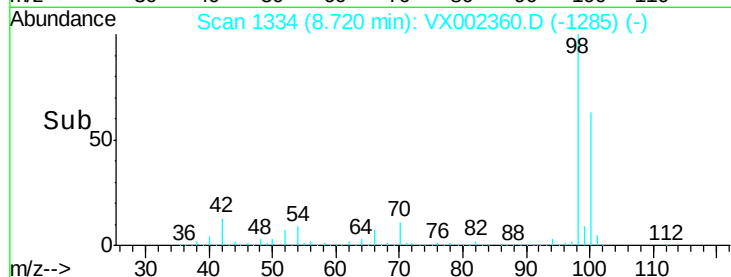
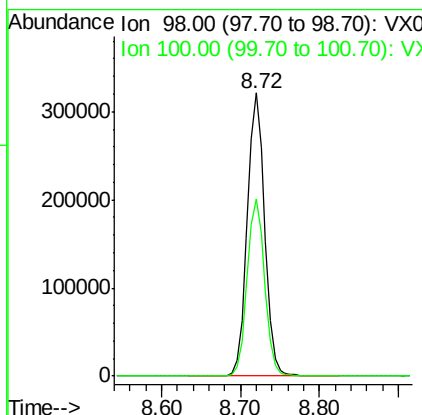
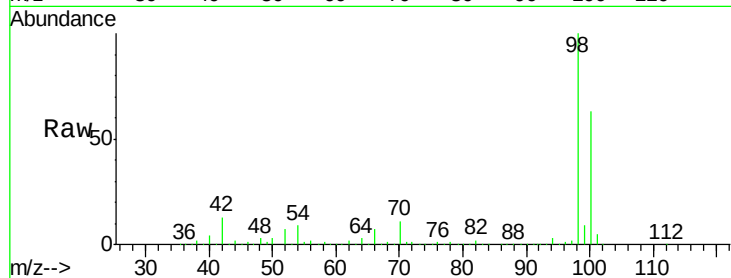




#50
Toluene-d8
Concen: 47.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

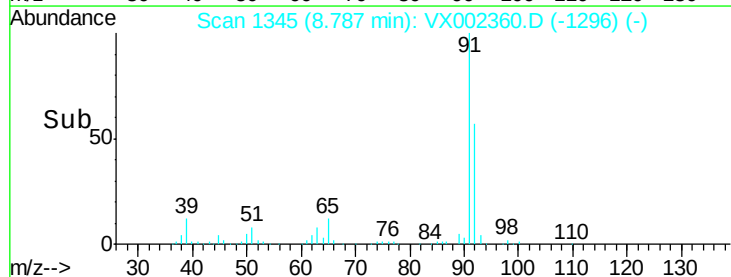
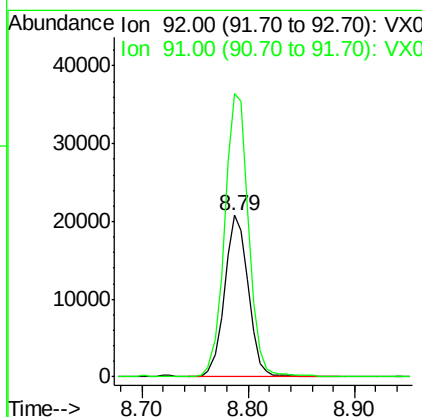
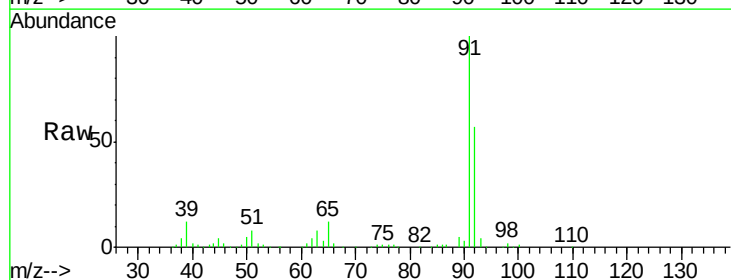
Instrument :
MSVOA_X
ClientSampleId :

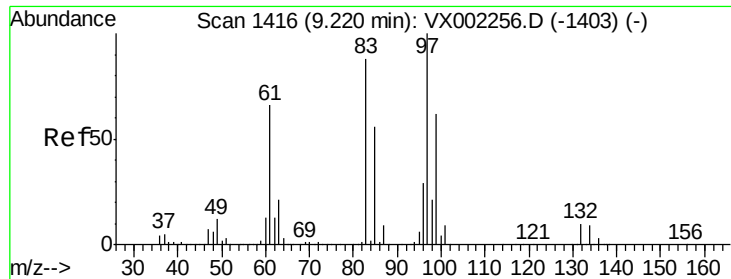
Tot Ion: 98 Resp: 491757
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#52
Toluene
Concen: 4.60 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion: 92 Resp: 32443
Ion Ratio Lower Upper
92 100
91 177.7 140.4 210.6

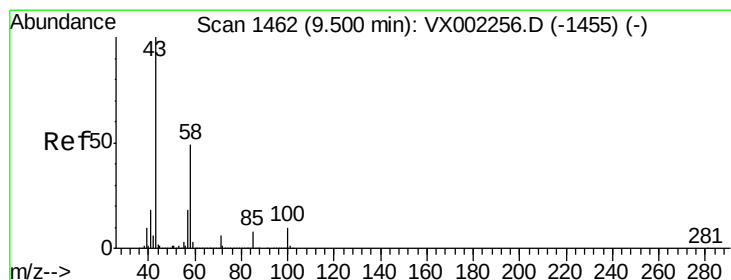
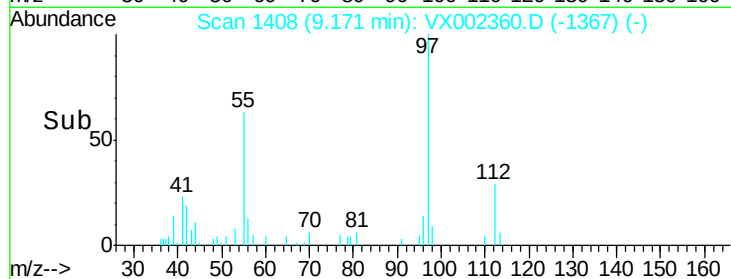
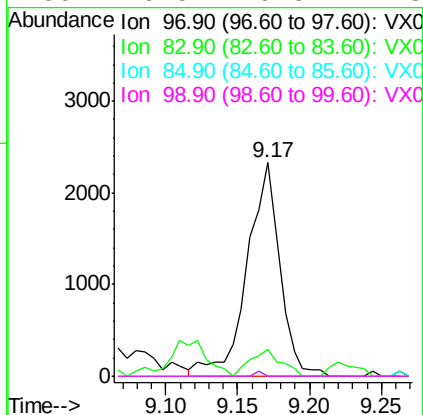
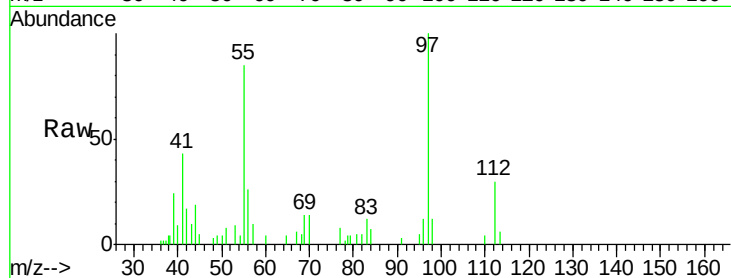




#55
 1,1,2-Trichloroethane
 Concen: 1.26 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.05 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

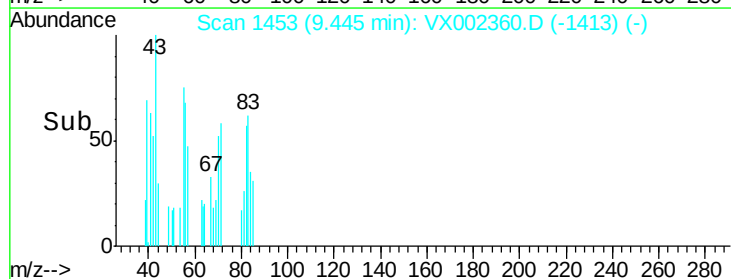
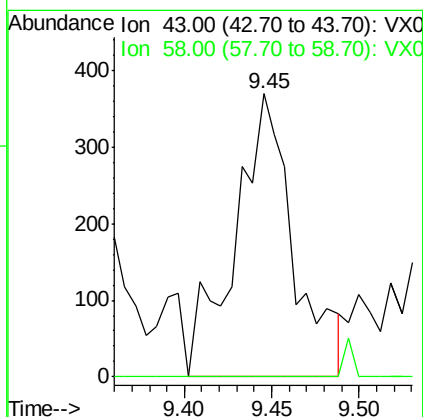
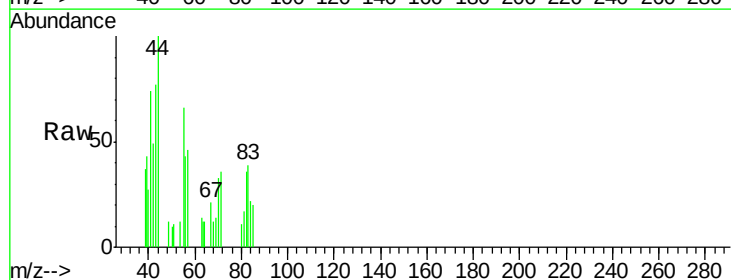
Instrument :
 MSVOA_X
 ClientSampleId :

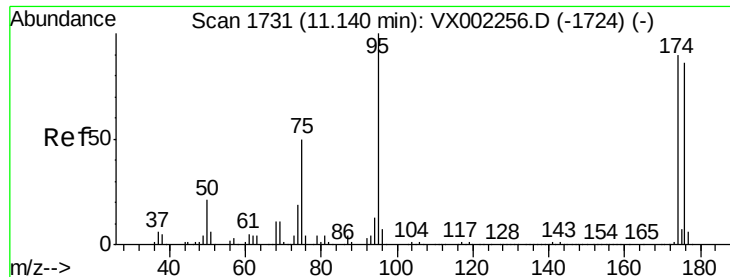
Tot Ion:	97	Resp:	3656
Ion	Ratio	Lower	Upper
97	100		
83	5.8	70.2	105.2#
85	0.0	44.9	67.3#
99	0.0	49.8	74.8#



#59
 2-Hexanone
 Concen: 0.24 ug/l
 RT: 9.45 min Scan# 1453
 Delta R.T. -0.06 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

Tgt Ion:	43	Resp:	865
Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.6	73.6#





#62

4-Bromofluorobenzene

Concen: 42.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

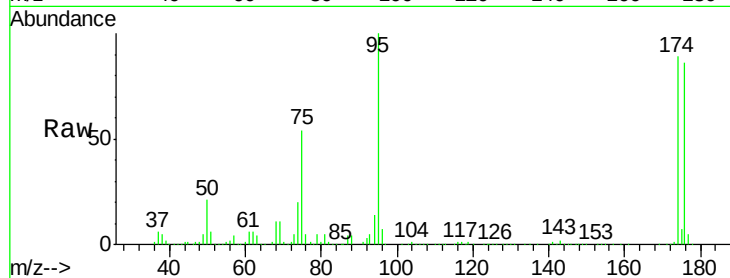
Tot Ion: 95 Resp: 172048

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.4

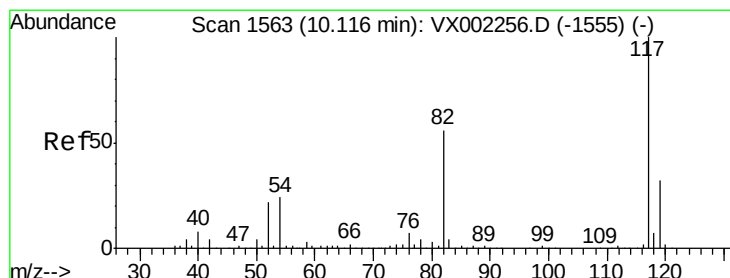
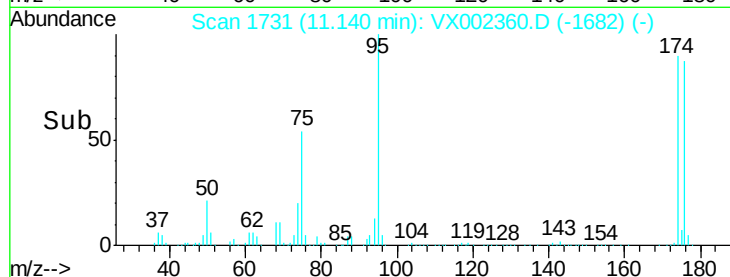
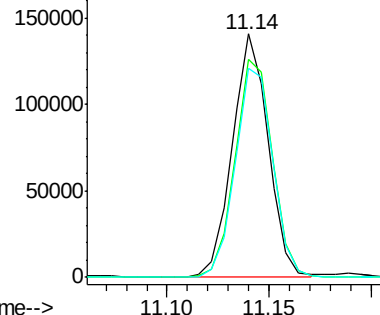
176 90.5 0.0 181.0



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: VX002360.D

Acq: 06 Jun 2018 18:36

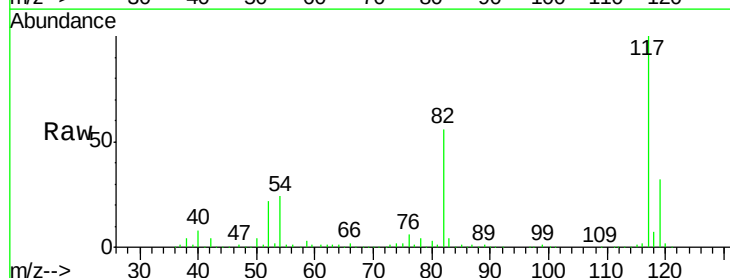
Tgt Ion: 117 Resp: 309795

Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.4

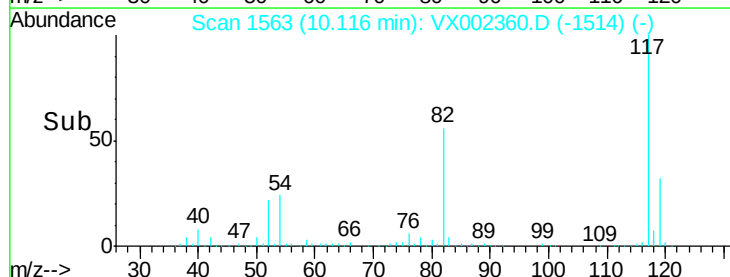
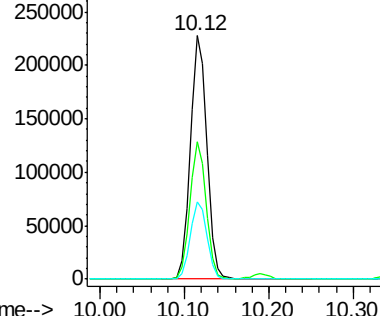
119 31.9 25.8 38.6

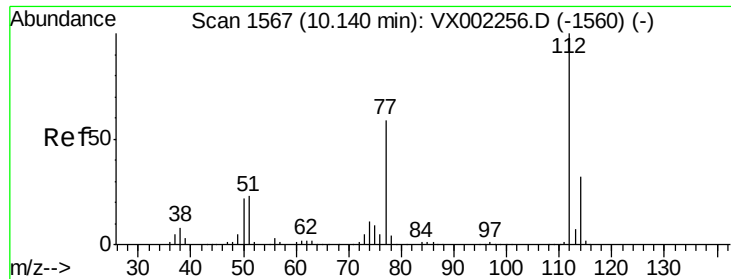


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

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

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

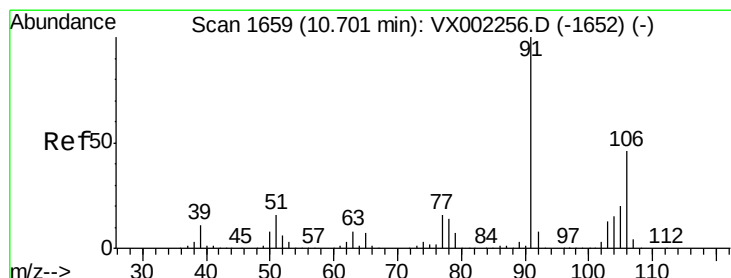
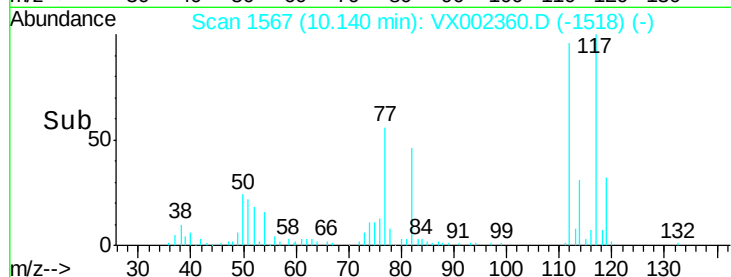
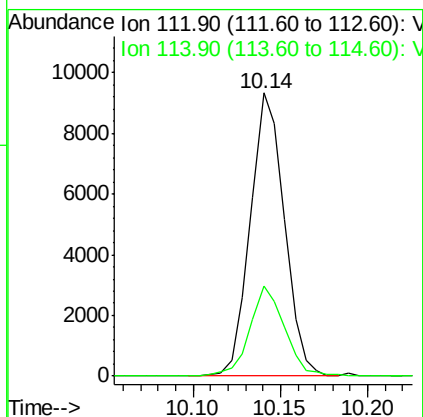
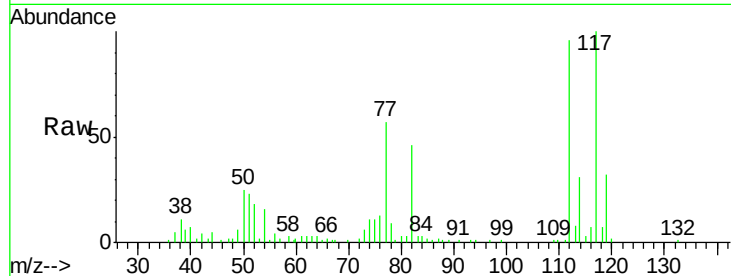




#65
Chlorobenzene
Concen: 1.64 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

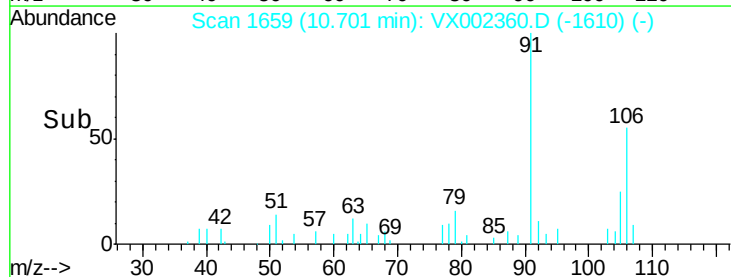
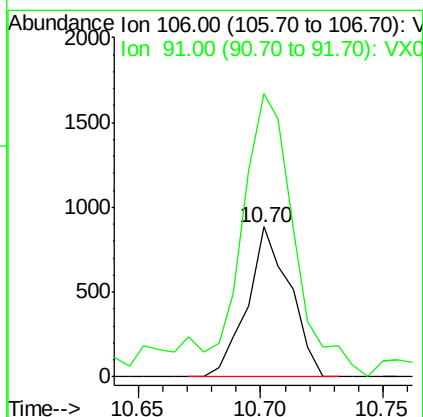
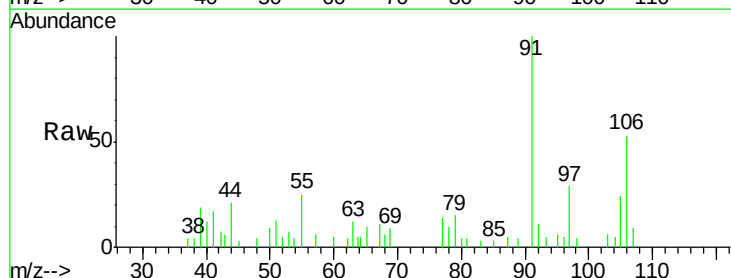
Instrument :
MSVOA_X
ClientSampleId :

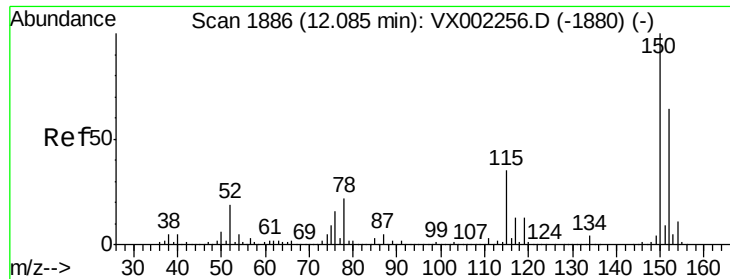
Tot Ion:112 Resp: 12653
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#69
o-Xylene
Concen: 0.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion:106 Resp: 1075
Ion Ratio Lower Upper
106 100
91 273.6 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

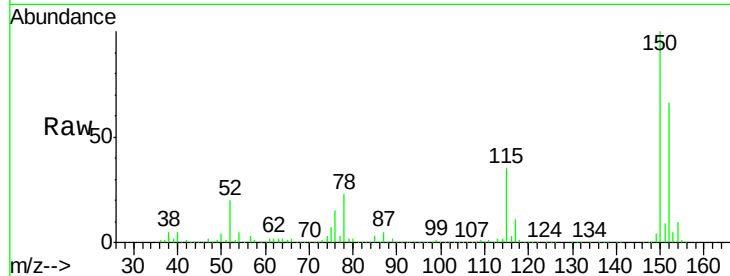
Tot Ion:152 Resp: 179145

Ion Ratio Lower Upper

152 100

115 55.6 40.1 120.2

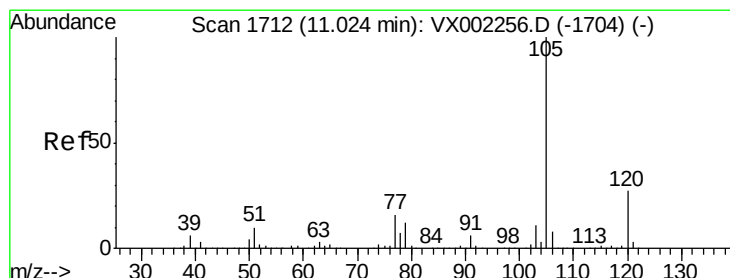
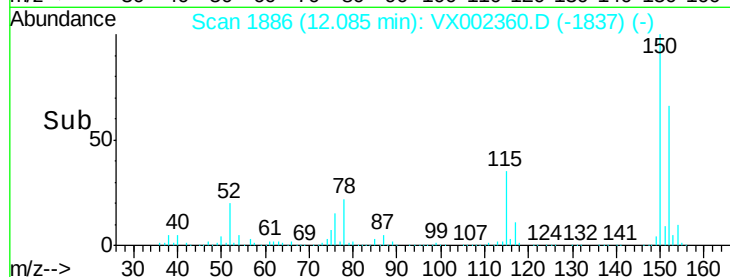
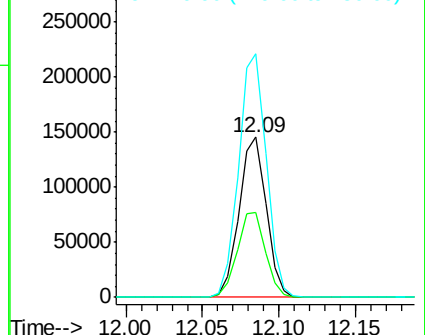
150 154.8 0.0 347.2



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: 29.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002360.D

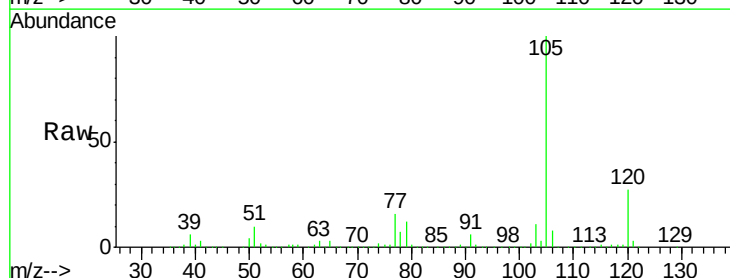
Acq: 06 Jun 2018 18:36

Tgt Ion:105 Resp: 366192

Ion Ratio Lower Upper

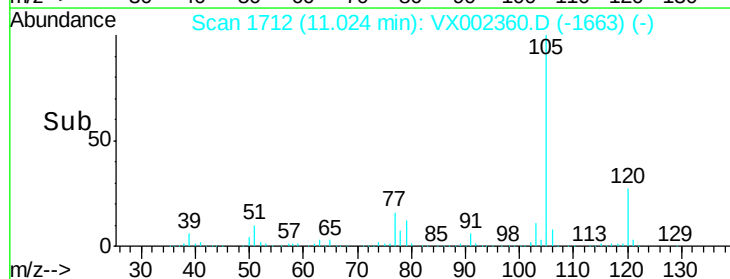
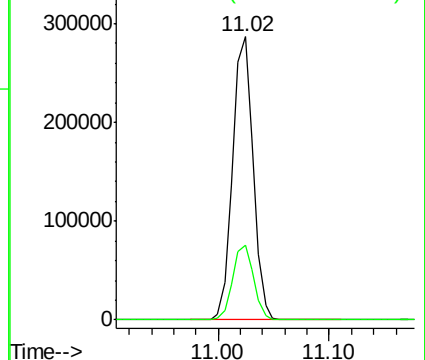
105 100

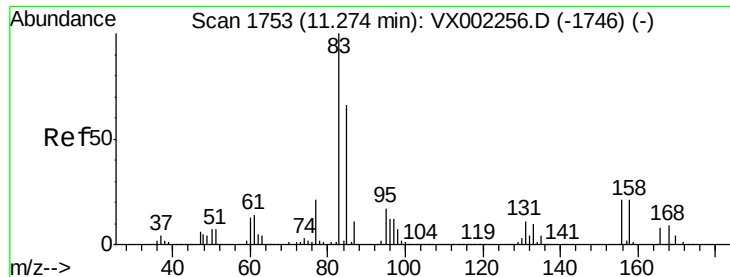
120 26.7 13.5 40.4



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: 0.24 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

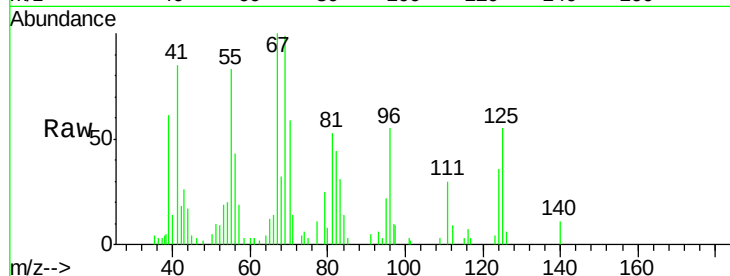
Tot Ion: 83 Resp: 958

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

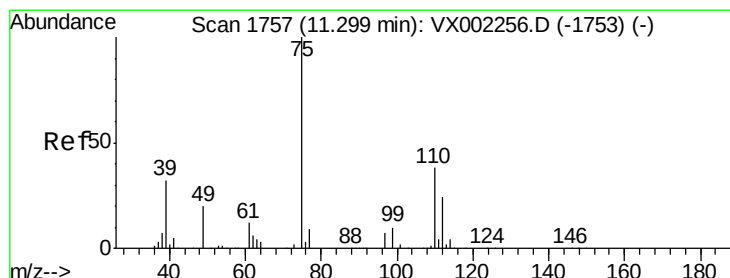
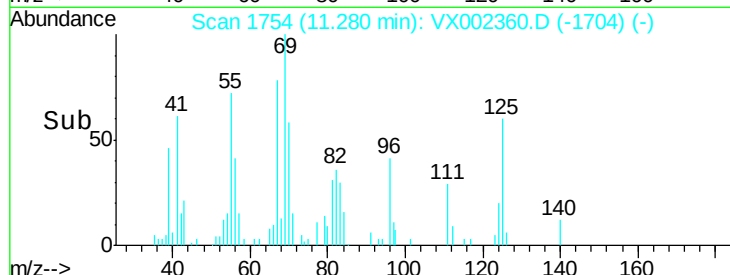
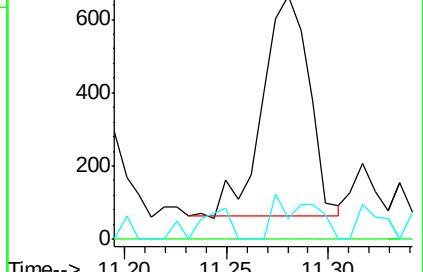
85 16.8 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002360.D

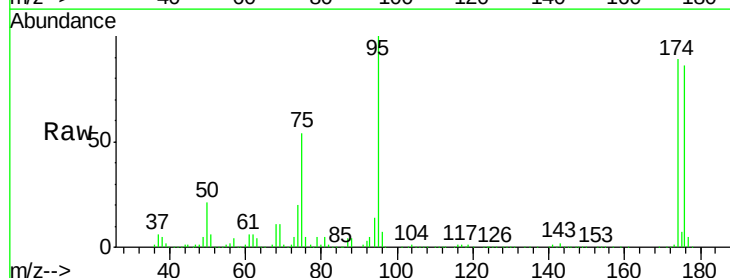
Acq: 06 Jun 2018 18:36

Tgt Ion: 75 Resp: 94027

Ion Ratio Lower Upper

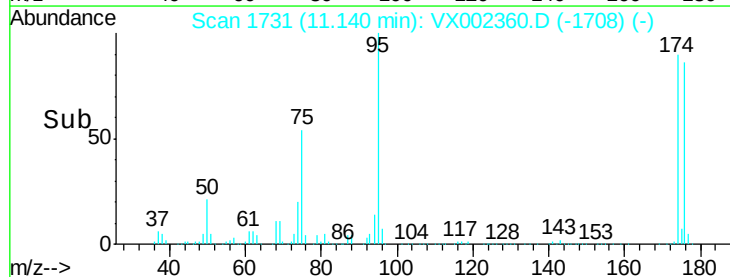
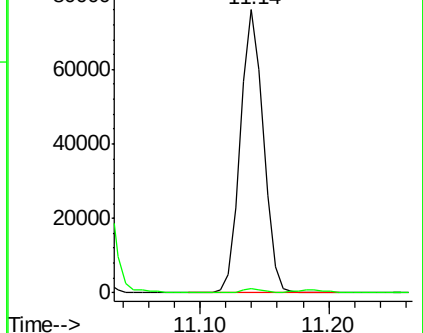
75 100

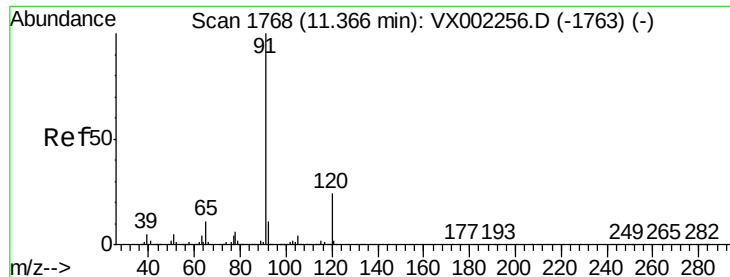
77 0.0 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 22.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

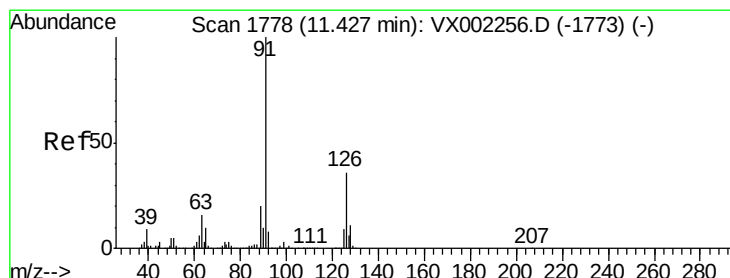
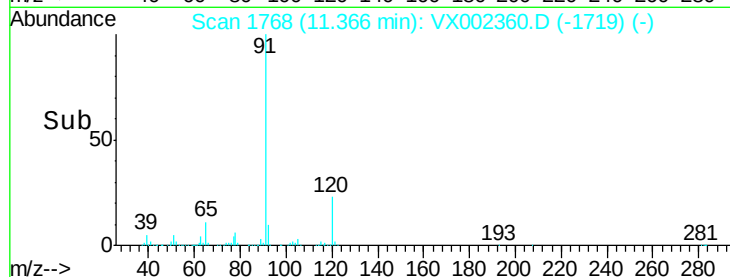
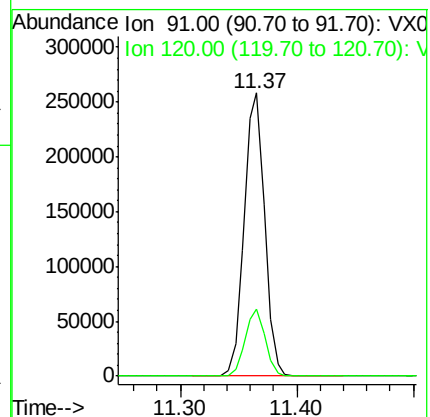
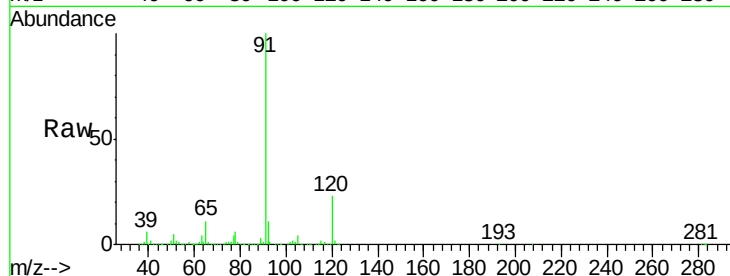
ClientSampled :

Tot Ion: 91 Resp: 316815

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.4



#79

2-Chlorotoluene

Concen: 36.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002360.D

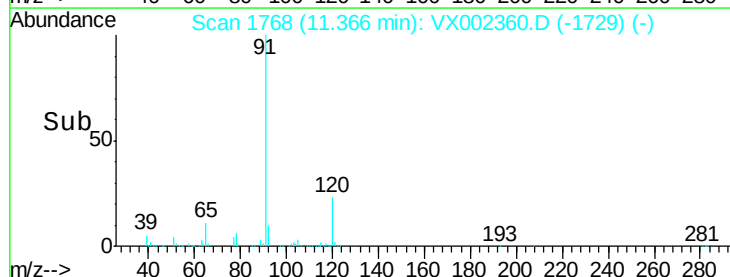
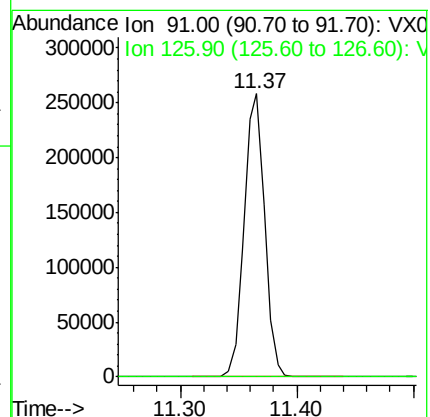
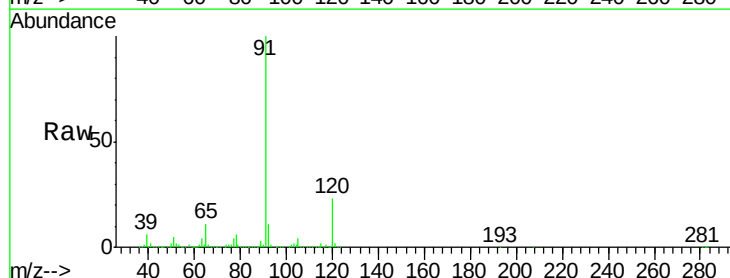
Acq: 06 Jun 2018 18:36

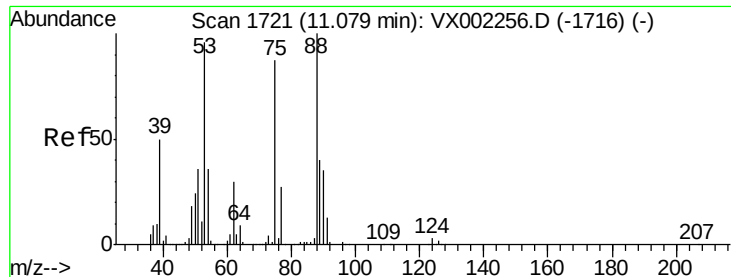
Tgt Ion: 91 Resp: 316815

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 4.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.06 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

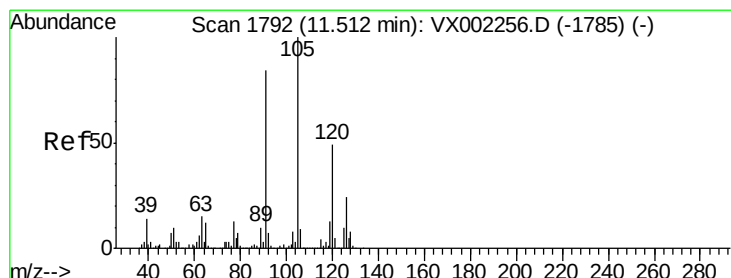
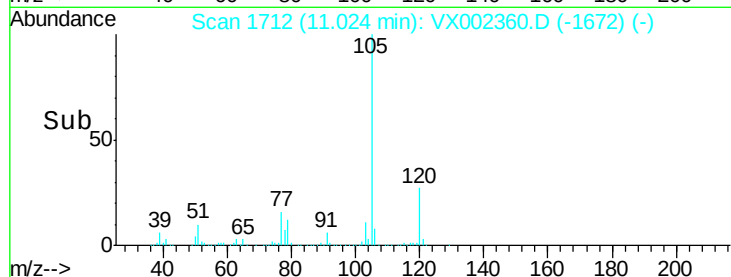
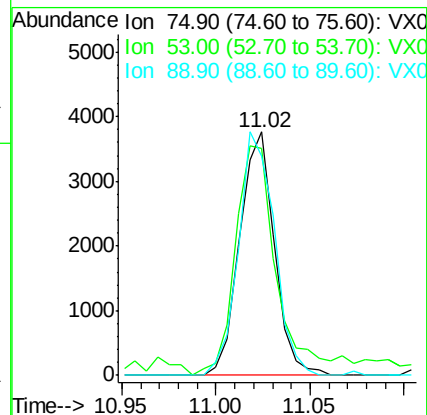
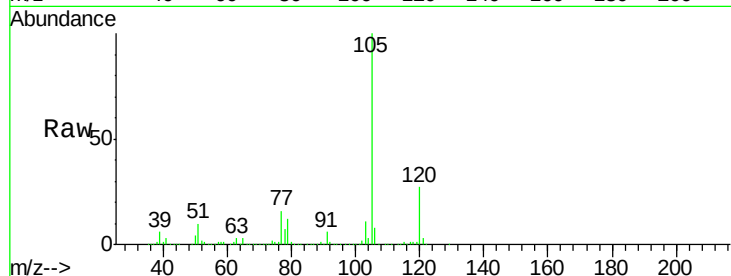
Tot Ion: 75 Resp: 4799

Ion Ratio Lower Upper

75 100

53 114.9 86.8 130.2

89 103.4 38.2 57.2#



#82

4-Chlorotoluene

Concen: 31.38 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002360.D

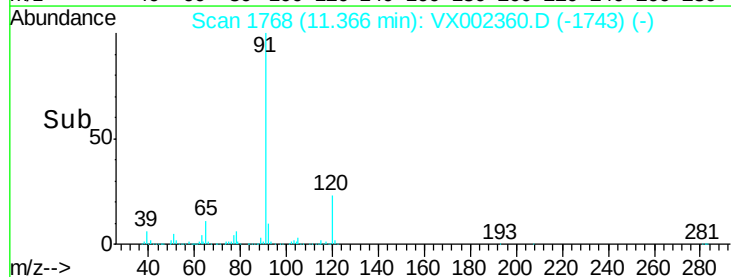
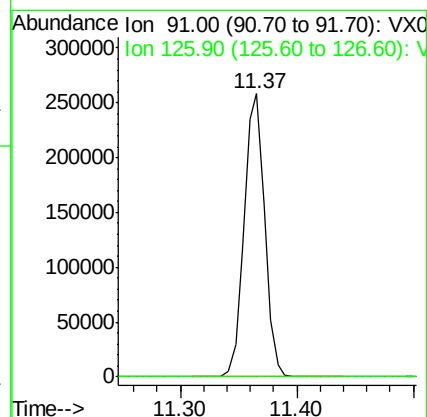
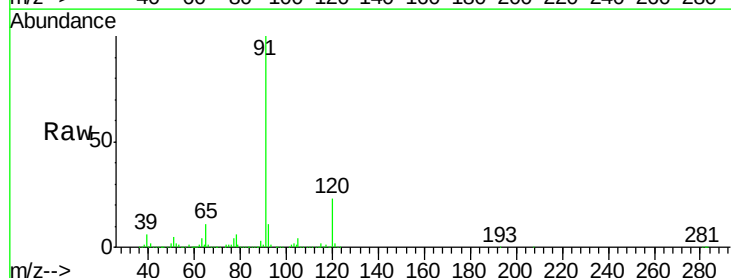
Acq: 06 Jun 2018 18:36

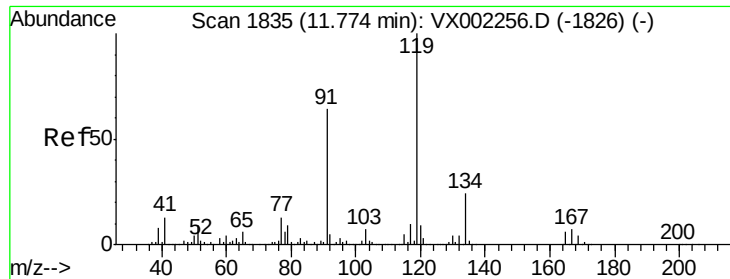
Tgt Ion: 91 Resp: 316815

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.4#

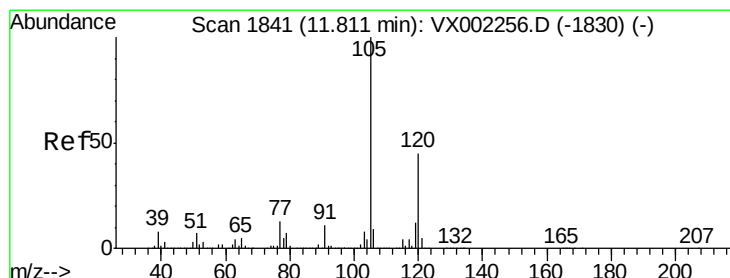
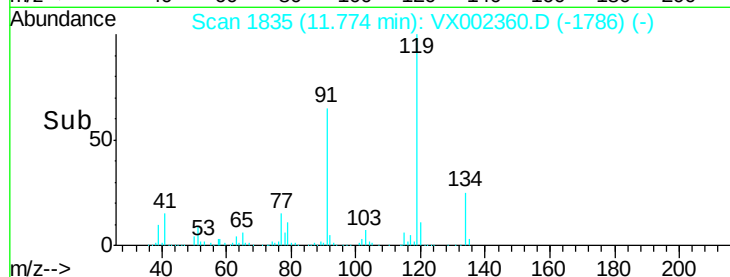
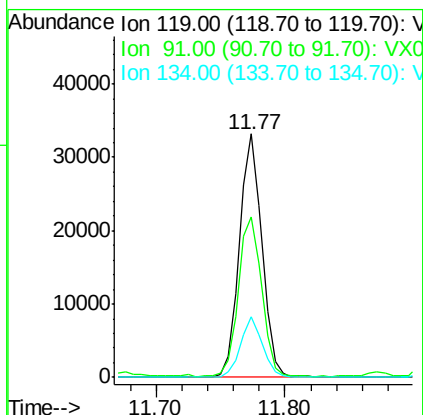
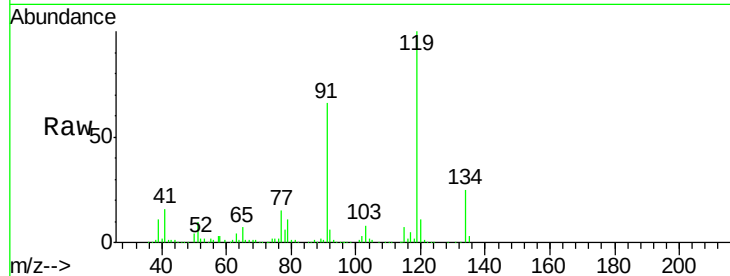




#83
 tert-Butylbenzene
 Concen: 3.86 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

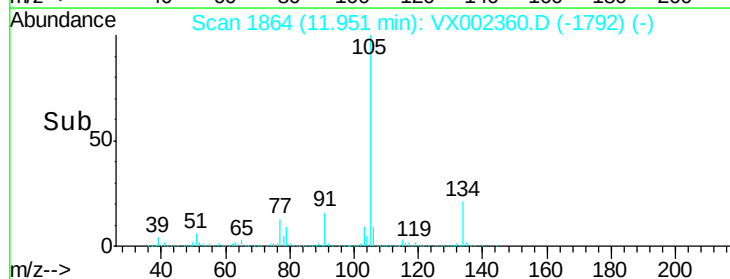
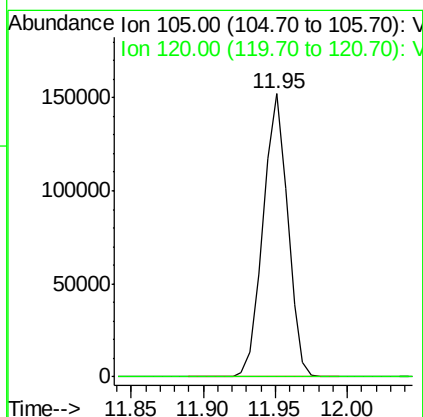
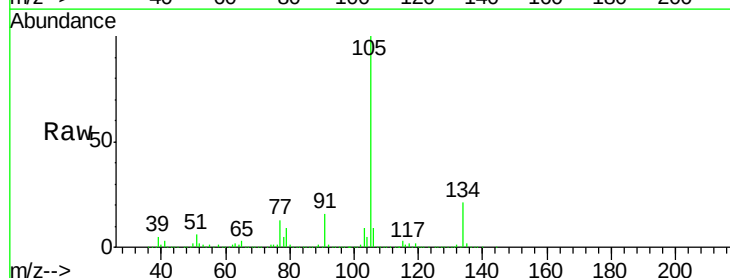
Instrument :
 MSVOA_X
 ClientSampleId :

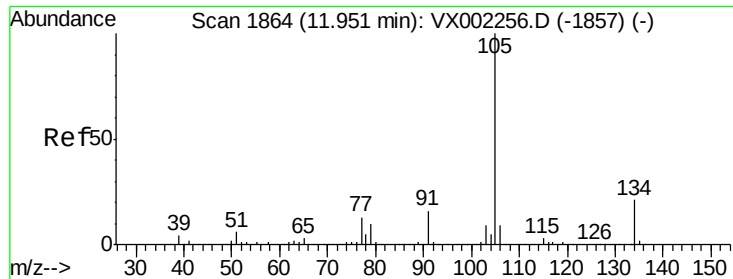
Tot Ion:119 Resp: 40142
 Ion Ratio Lower Upper
 119 100
 91 68.0 30.3 90.9
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 16.36 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.14 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

Tgt Ion:105 Resp: 180008
 Ion Ratio Lower Upper
 105 100
 120 0.3 22.3 66.8#





#85

sec-Butylbenzene

Concen: 14.75 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

Instrument :

MSVOA_X

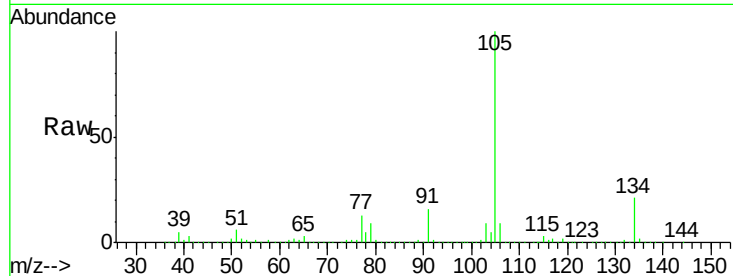
ClientSampleId :

Tot Ion:105 Resp: 180008

Ion Ratio Lower Upper

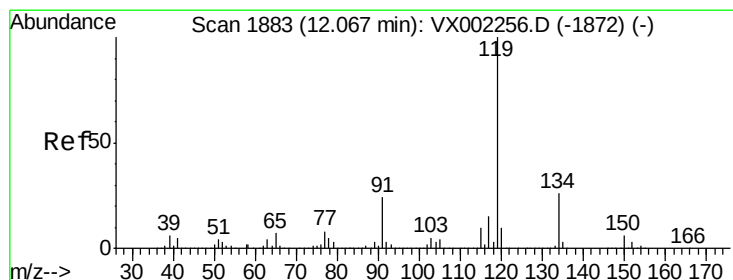
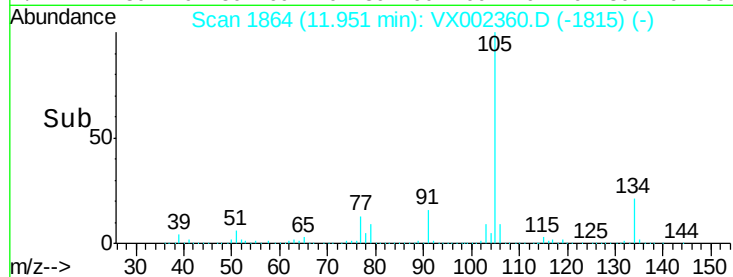
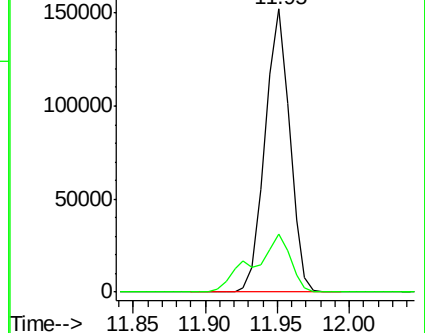
105 100

134 31.1 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: 4.65 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002360.D

Acq: 06 Jun 2018 18:36

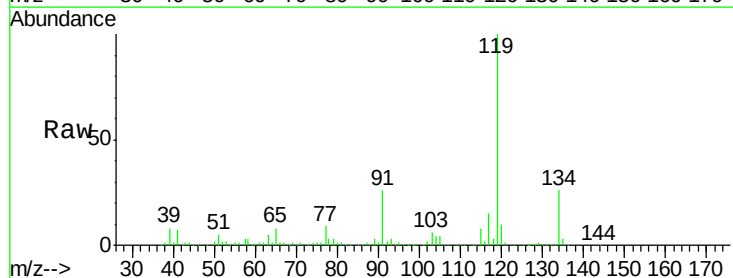
Tgt Ion:119 Resp: 51692

Ion Ratio Lower Upper

119 100

134 28.1 13.4 40.1

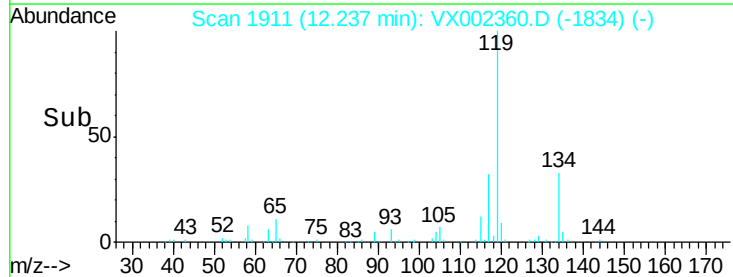
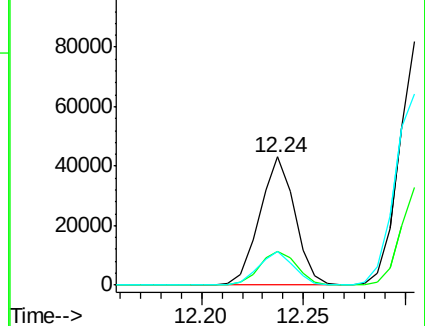
91 25.5 11.9 35.7

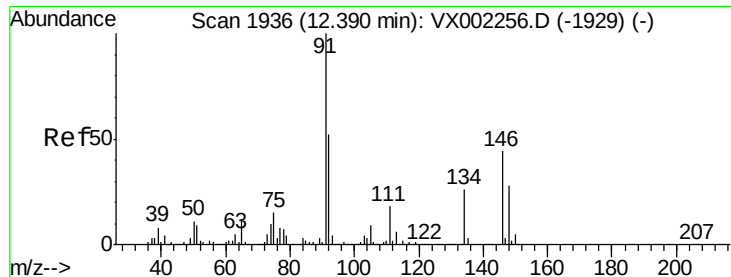


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

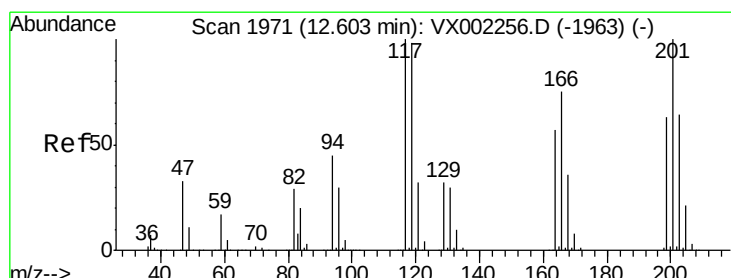
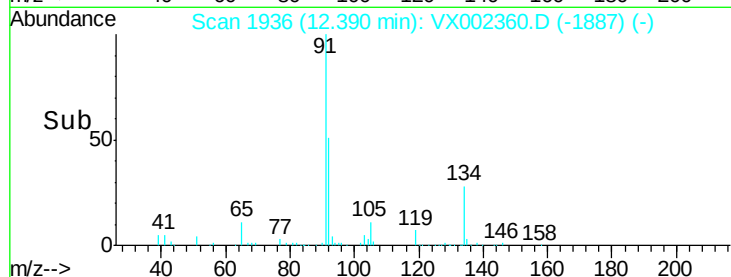
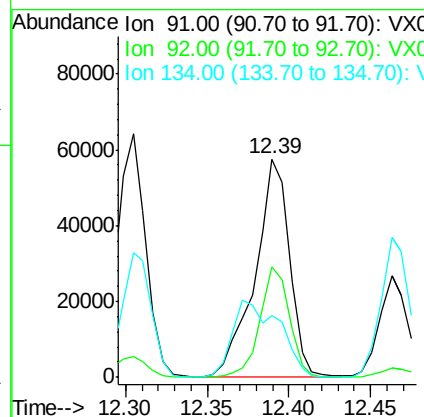
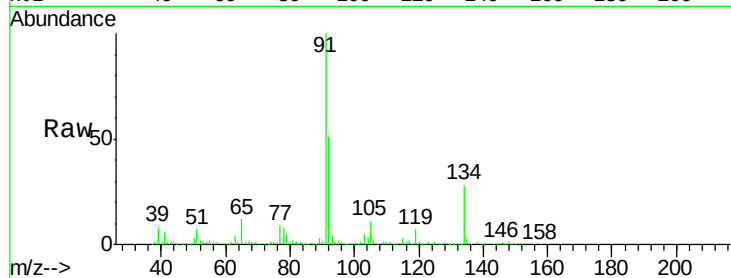




#89
n-Butylbenzene
Concen: 9.08 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

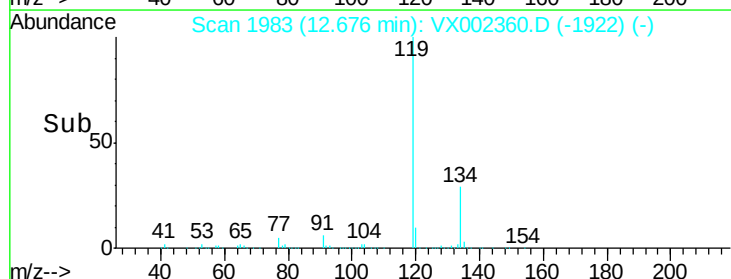
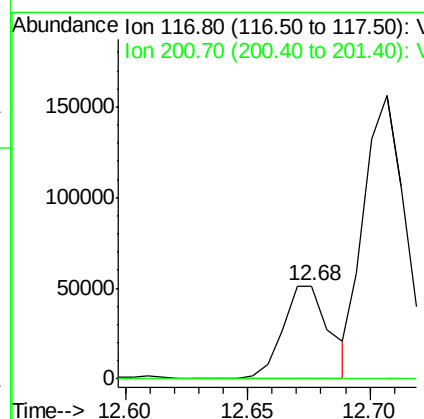
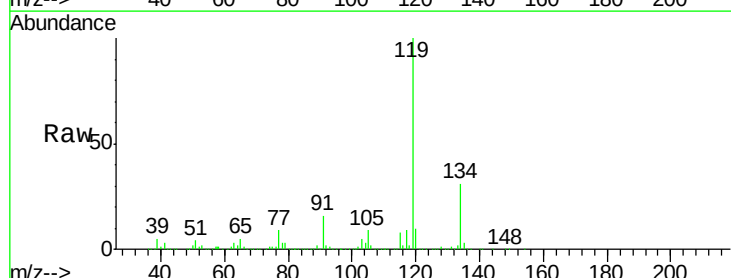
Instrument :
MSVOA_X
ClientSampled :

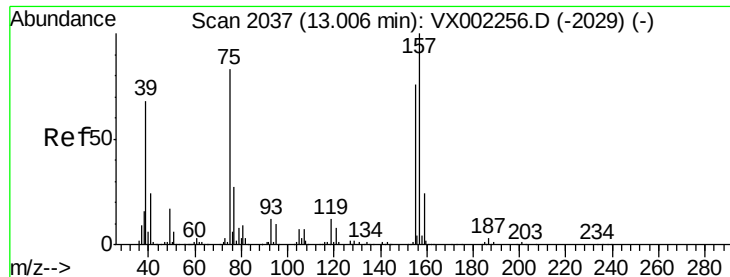
Tot Ion: 91 Resp: 84687
Ion Ratio Lower Upper
91 100
92 43.7 26.0 78.0
134 47.9 13.5 40.5#



#90
Hexachloroethane
Concen: 38.31 ug/l
RT: 12.68 min Scan# 1983
Delta R.T. 0.07 min
Lab File: VX002360.D
Acq: 06 Jun 2018 18:36

Tgt Ion: 117 Resp: 67979
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

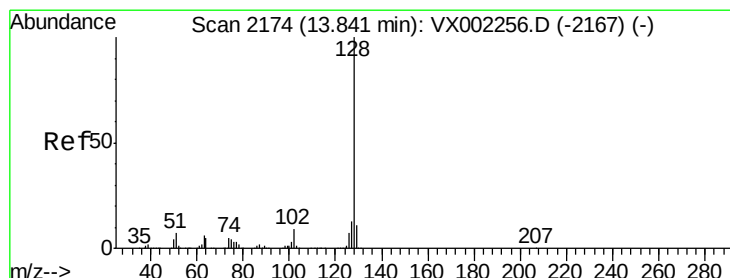
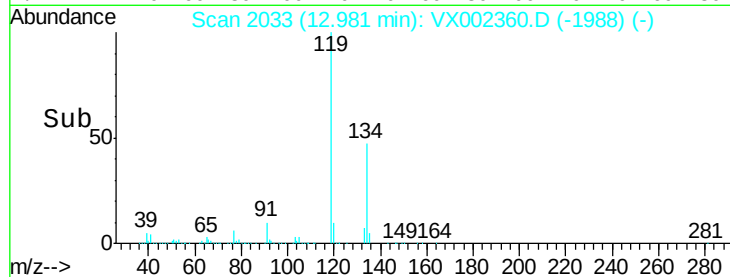
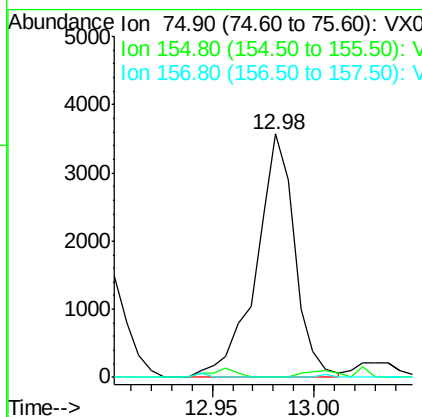
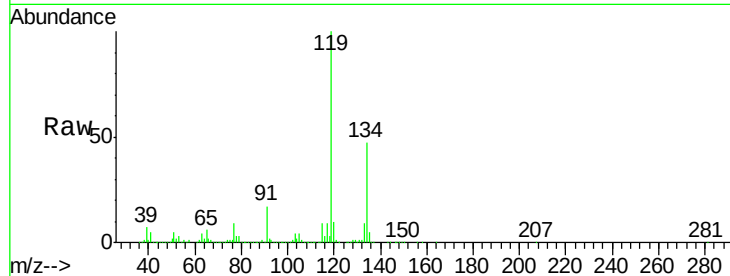




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.47 ug/l
 RT: 12.98 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 4689
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 0.40 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX002360.D
 Acq: 06 Jun 2018 18:36

Tgt Ion: 128 Resp: 5180
 Ion Ratio Lower Upper
 128 100
 127 22.1 10.4 15.6#
 129 66.1 8.6 13.0#

