

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002581.D
 Acq On : 15 Jun 2018 05:09
 Operator : JC/MD
 Sample : J3239-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 07:03:57 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	232261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177470	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	163166	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	5.51	113	121808	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
50) Toluene-d8	8.72	98	488750	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	170726	42.95	ug/l	0.00
Spiked Amount			Recovery	=	85.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	493	Below Cal	#	79
5) Bromomethane	1.66	94	583	Below Cal	#	71
8) Diethyl Ether	2.19	74	372	Below Cal		58
10) Methyl Iodide	2.52	142	735	0.21	ug/l	98
11) Tert butyl alcohol	3.08	59	1039	Below Cal	#	85
13) Acrolein	2.28	56	155	Below Cal		87
14) Allyl chloride	2.86	41	29607	5.52	ug/l	# 25
15) Acrylonitrile	3.15	53	188	Below Cal	#	78
16) Acetone	2.45	43	31651	3.24	ug/l	97
18) Methyl Acetate	2.78	43	23222	4.52	ug/l	98
19) Methyl tert-butyl Ether	3.23	73	46	Below Cal	#	55
20) Methylene Chloride	2.86	84	776035	309.86	ug/l	99
22) Diisopropyl ether	3.84	45	446	Below Cal	#	72
25) 2-Butanone	4.72	43	5263	2.31	ug/l	93
28) Bromochloromethane	5.01	49	165	Below Cal	#	13
29) Tetrahydrofuran	5.16	42	1939	1.32	ug/l	# 36
30) Chloroform	5.22	83	2314	0.45	ug/l	90
31) Cyclohexane	5.67	56	5225	1.25	ug/l	# 9
36) 1,1-Dichloropropene	5.67	75	16652	4.63	ug/l	# 46
38) Carbon Tetrachloride	5.67	117	22048	5.86	ug/l	# 18
39) Methylcyclohexane	7.46	83	186	0.30	ug/l	# 71
47) Bromodichloromethane	7.90	83	990	0.27	ug/l	# 93
51) 4-Methyl-2-Pentanone	8.65	43	2357	0.52	ug/l	98
52) Toluene	8.79	92	2101	0.30	ug/l	87
64) Tetrachloroethene	9.34	164	1453	0.45	ug/l	92
65) Chlorobenzene	10.15	112	2144	0.27	ug/l	95
67) Ethyl Benzene	10.26	91	2668	0.20	ug/l	94
68) m/p-Xylenes	10.36	106	2521	0.49	ug/l	99
69) o-Xylene	10.71	106	1244	0.24	ug/l	99
73) Isopropylbenzene	11.02	105	3168	0.26	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	93085	23.90	ug/l	# 33
78) n-propylbenzene	11.37	91	7073	0.52	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2459	0.23	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.14	75	93085	83.79	ug/l	# 7

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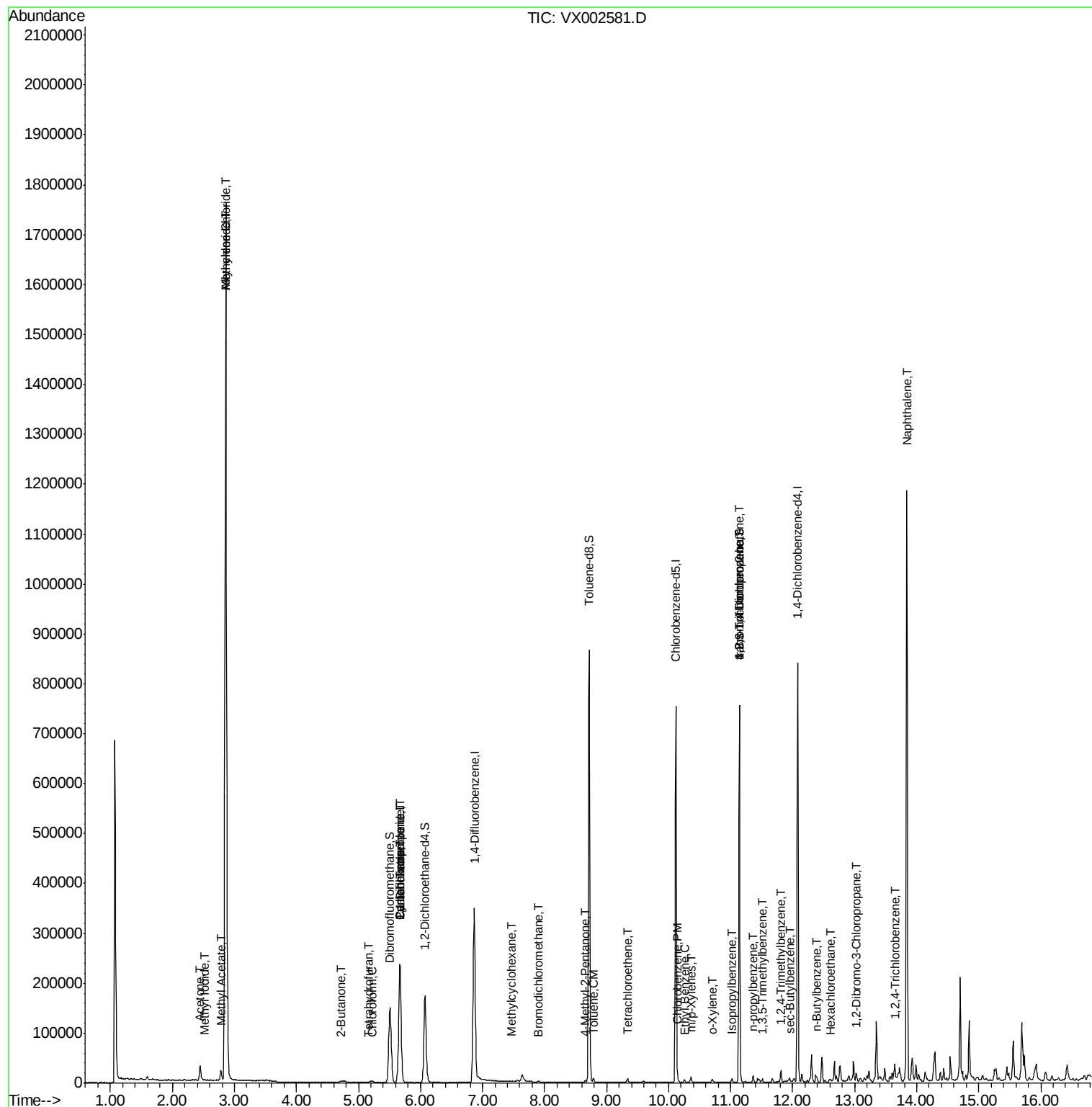
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	9033	0.83	ug/l	98
85) sec-Butylbenzene	11.95	105	3965	0.33	ug/l	98
89) n-Butylbenzene	12.39	91	3302	0.36	ug/l #	68
90) Hexachloroethane	12.61	117	494	0.28	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	255	0.30	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	929	0.21	ug/l #	39
95) Naphthalene	13.84	128	716010	55.43	ug/l	99

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

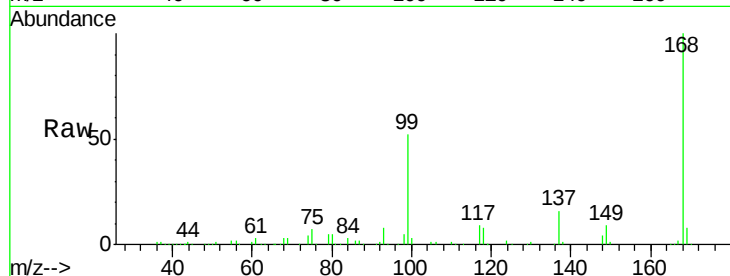
ClientSampleId :

Tot Ion:168 Resp: 232261

Ion Ratio Lower Upper

168 100

99 51.8 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

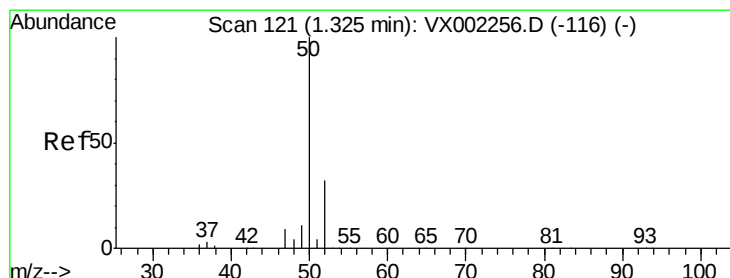
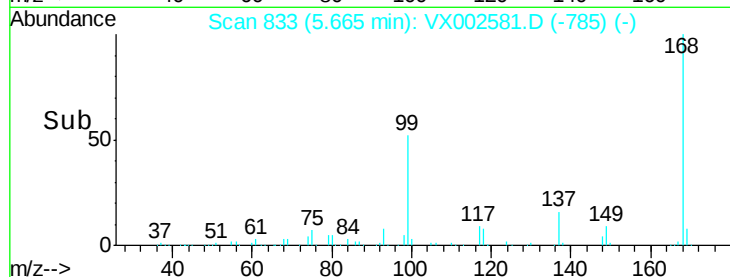
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.34 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX002581.D

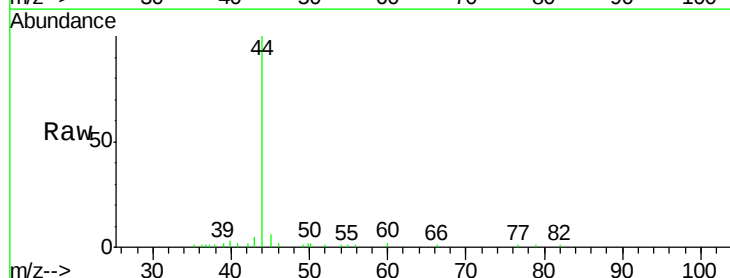
Acq: 15 Jun 2018 05:09

Tgt Ion: 50 Resp: 493

Ion Ratio Lower Upper

50 100

52 20.6 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.34

300

250

200

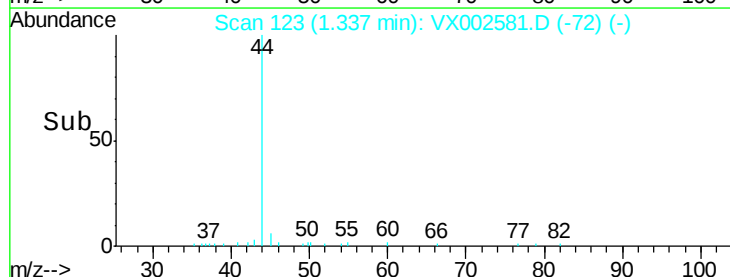
150

100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

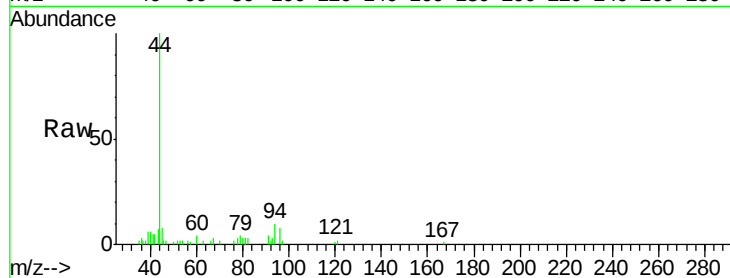
ClientSampled :

Tot Ion: 94 Resp: 583

Ion Ratio Lower Upper

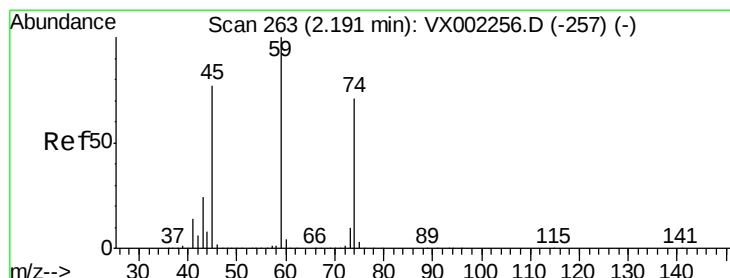
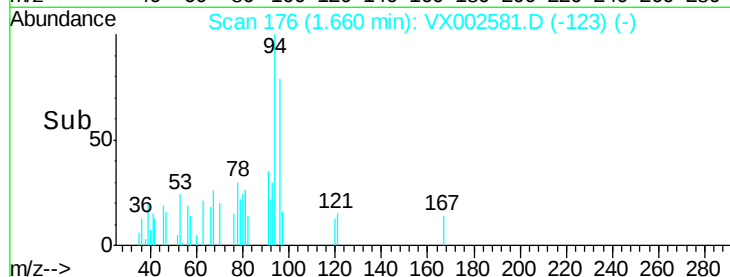
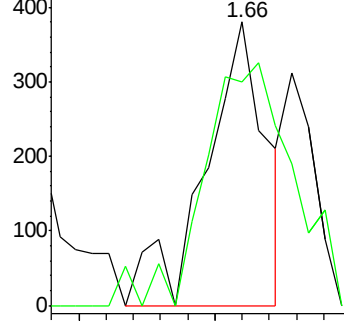
94 100

96 65.3 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002581.D

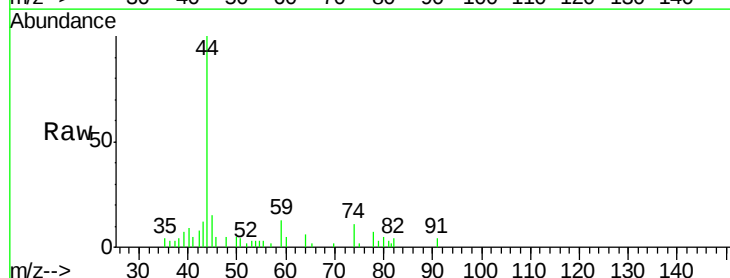
Acq: 15 Jun 2018 05:09

Tgt Ion: 74 Resp: 372

Ion Ratio Lower Upper

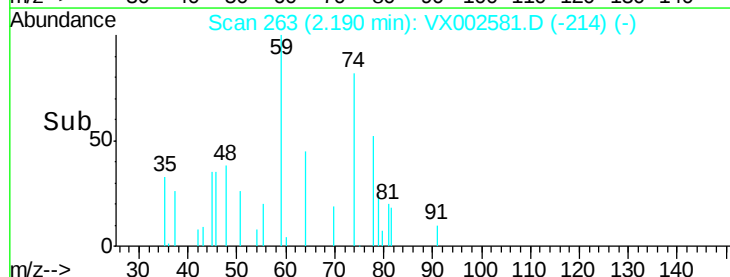
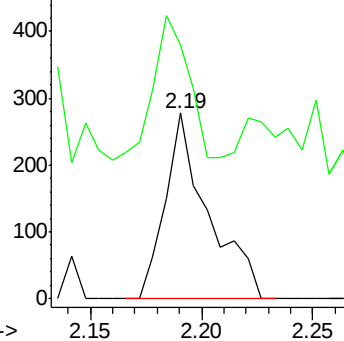
74 100

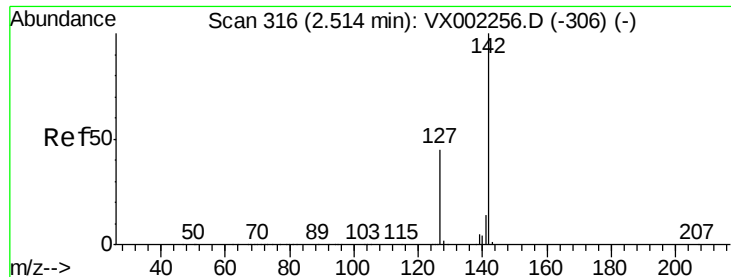
45 62.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

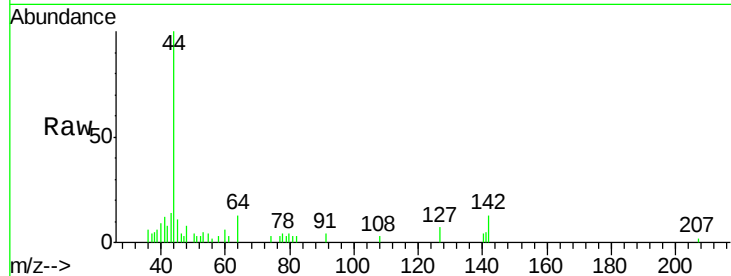




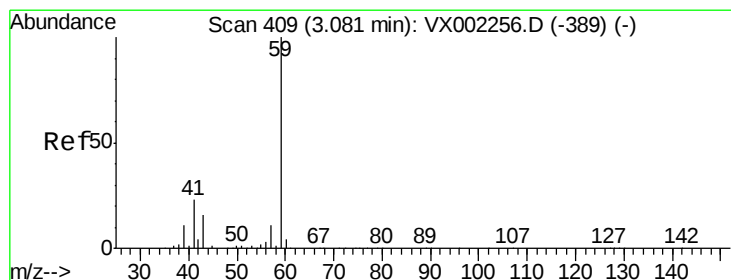
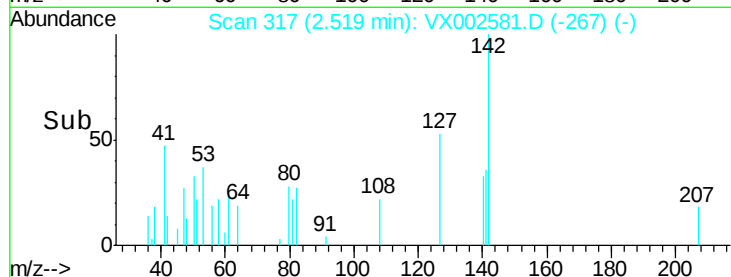
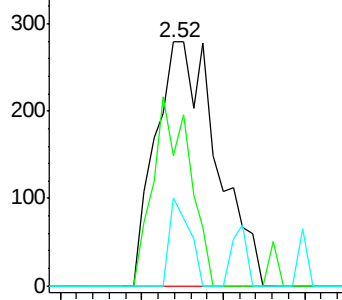
#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 735
Ion Ratio Lower Upper
142 100
127 46.0 36.6 55.0
141 11.4 11.3 16.9

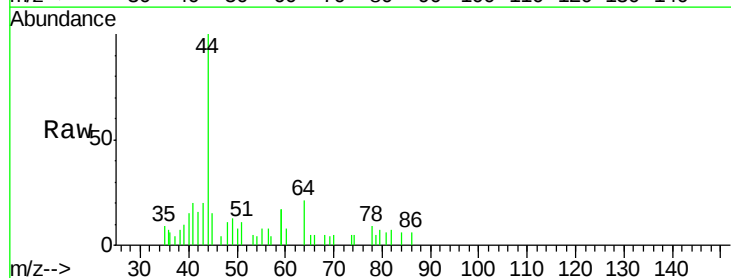


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

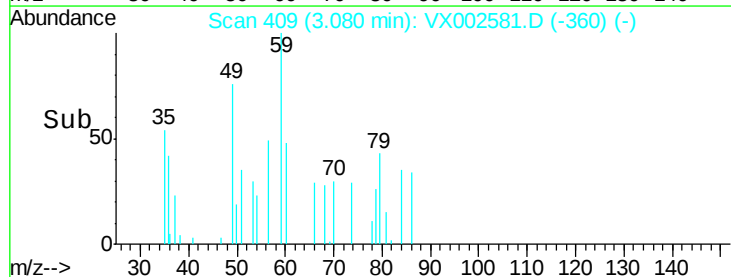
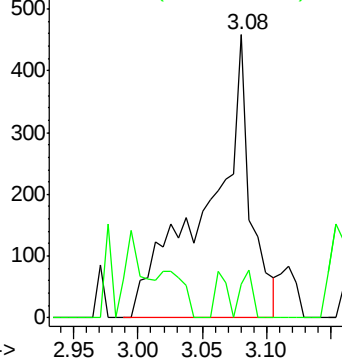


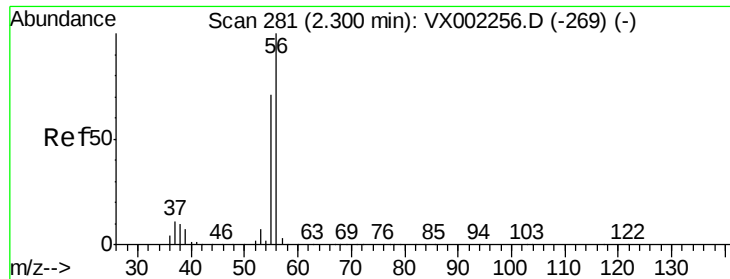
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 59 Resp: 1039
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.2#



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

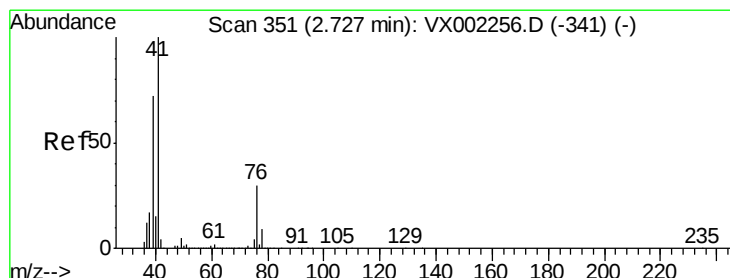
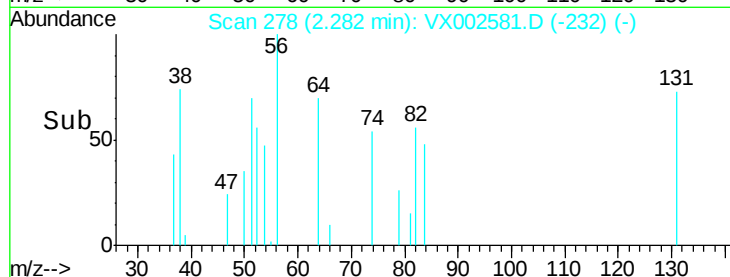
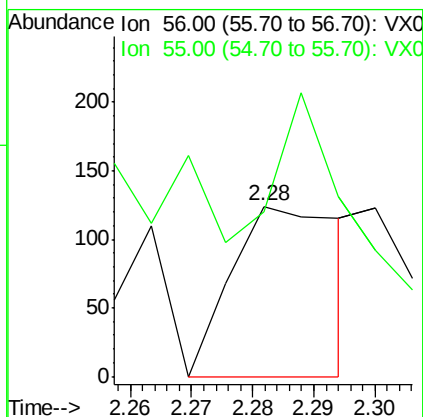
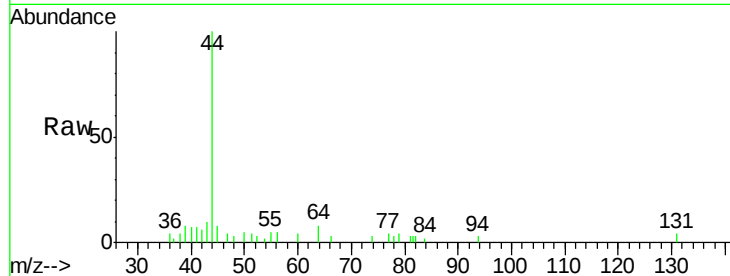




#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

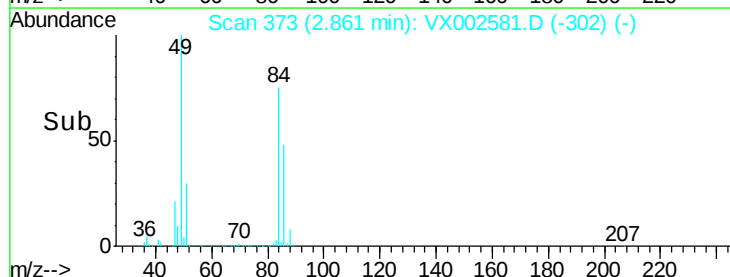
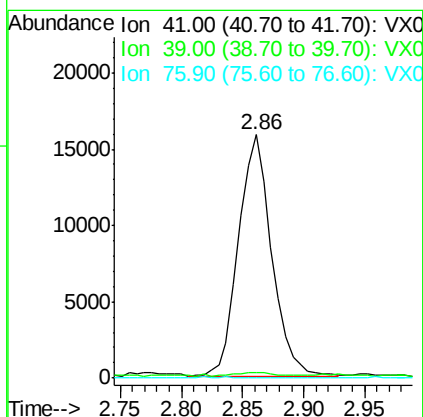
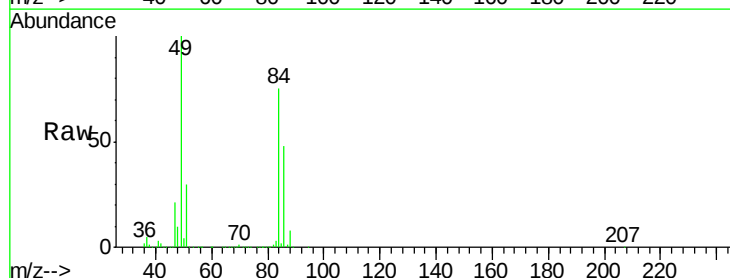
Instrument :
MSVOA_X
ClientSampled :

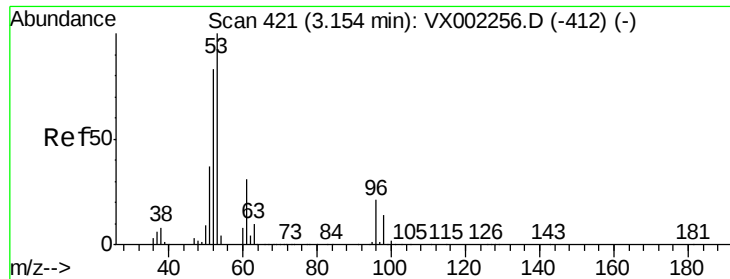
Tot Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 81.9 57.0 85.4



#14
Allyl chloride
Concen: 5.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.13 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 41 Resp: 29607
Ion Ratio Lower Upper
41 100
39 1.6 56.8 85.2#
76 0.1 23.8 35.8#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

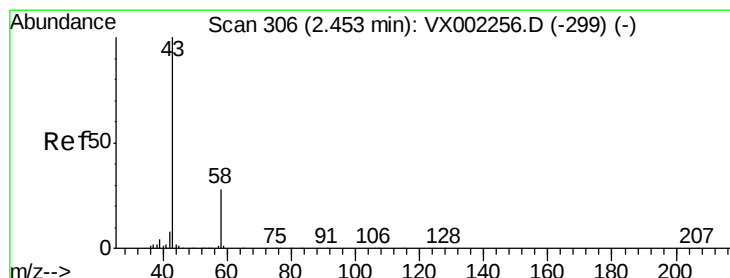
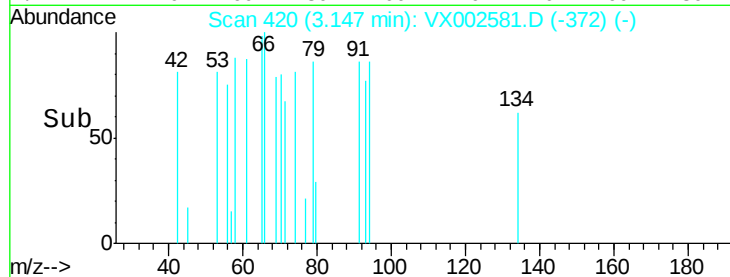
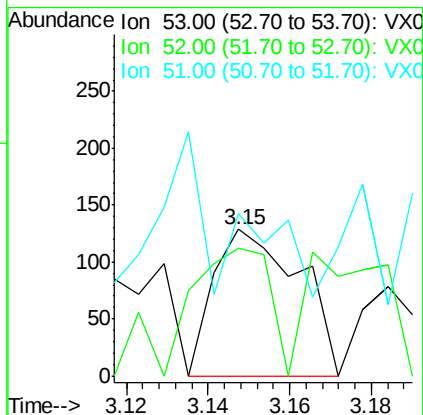
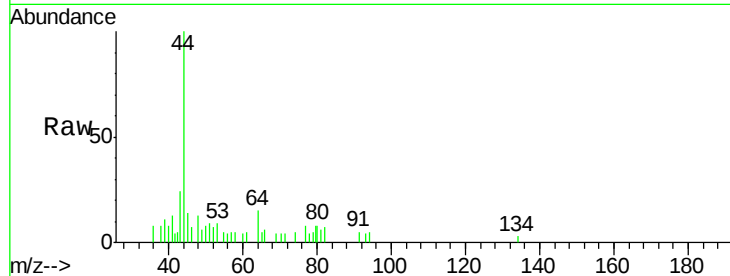
Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 188

Ion	Ratio	Lower	Upper
53	100		
52	87.2	66.7	100.1
51	0.0	29.9	44.9#



#16

Acetone

Concen: 3.24 ug/l

RT: 2.45 min Scan# 305

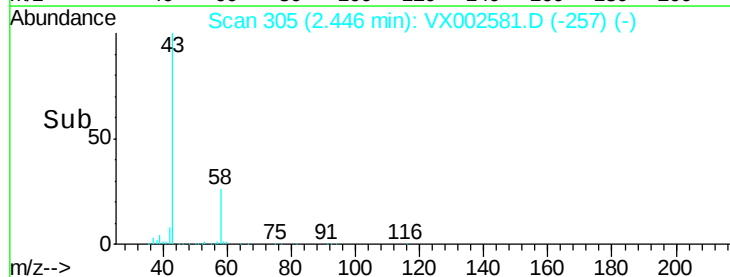
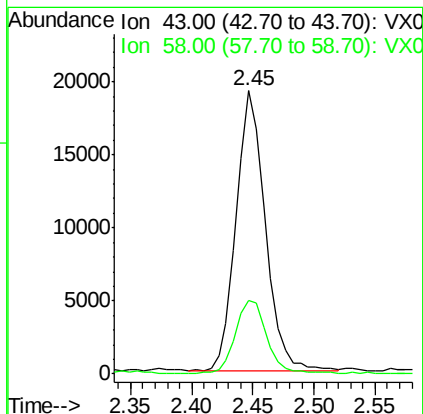
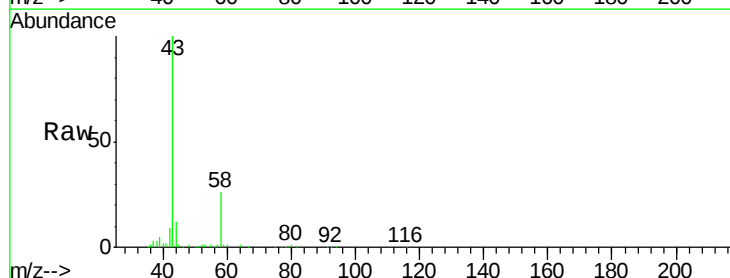
Delta R.T. -0.01 min

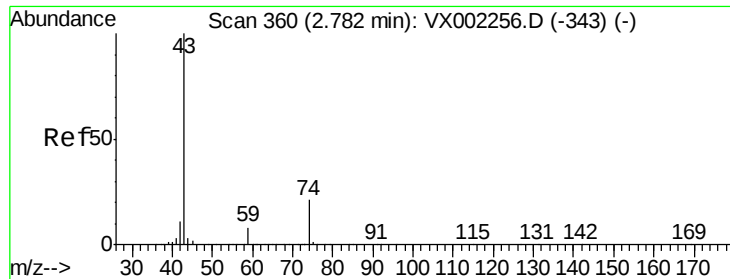
Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Tgt Ion: 43 Resp: 31651

Ion	Ratio	Lower	Upper
43	100		
58	25.9	22.1	33.1





#18

Methyl Acetate

Concen: 4.52 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

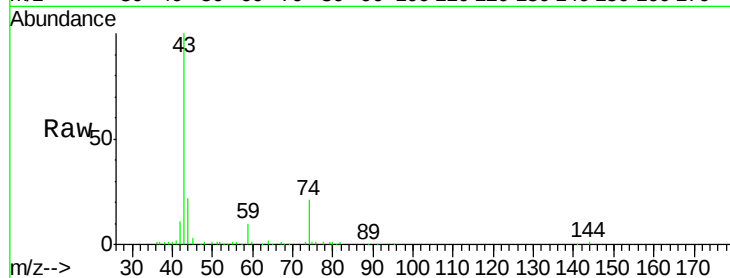
ClientSampled :

Tot Ion: 43 Resp: 23222

Ion Ratio Lower Upper

43 100

74 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

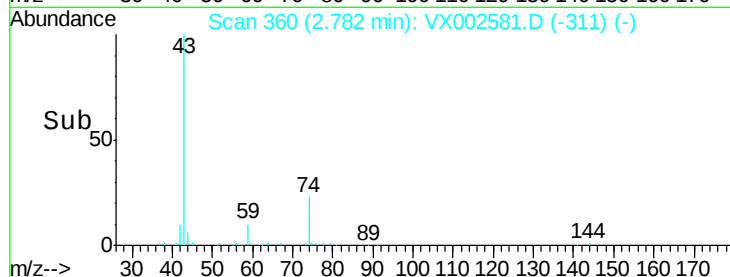
15000

10000

5000

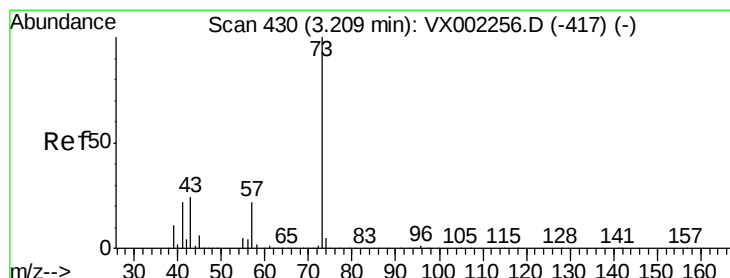
0

Time-->



2.78

2.65 2.70 2.75 2.80 2.85



#19

Methyl tert-butyl Ether

Concen: Below Cal

RT: 3.23 min Scan# 433

Delta R.T. 0.02 min

Lab File: VX002581.D

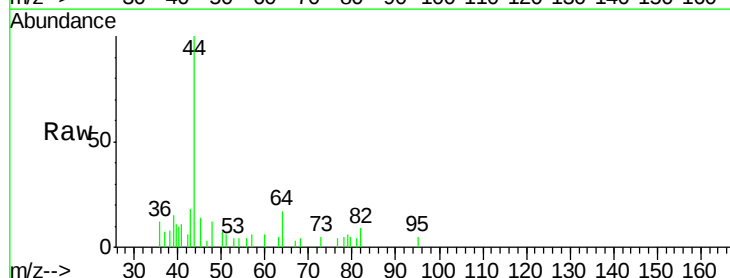
Acq: 15 Jun 2018 05:09

Tgt Ion: 73 Resp: 46

Ion Ratio Lower Upper

73 100

57 43.5 17.7 26.5#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

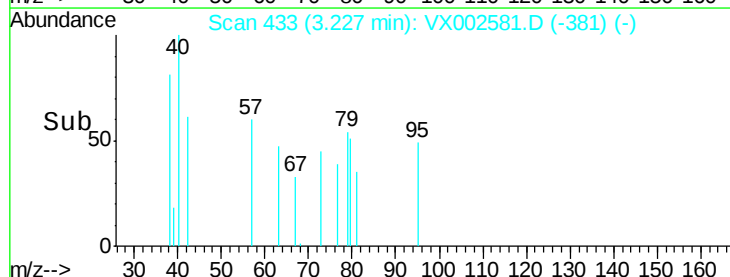
150

100

50

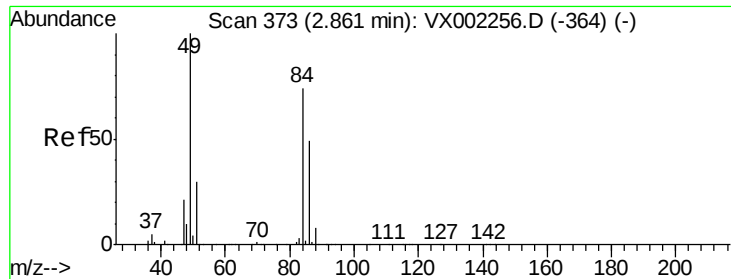
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Time-->



3.23

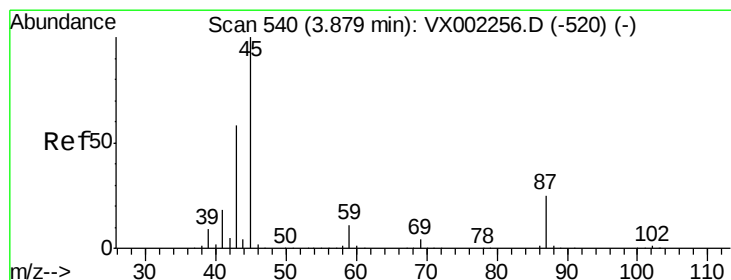
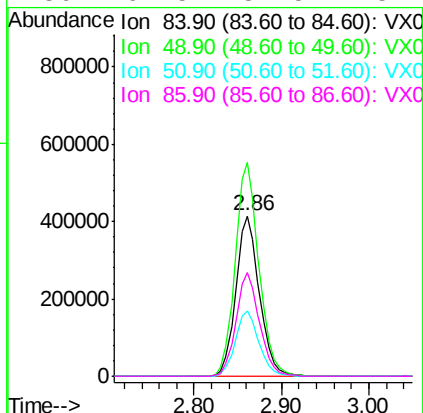
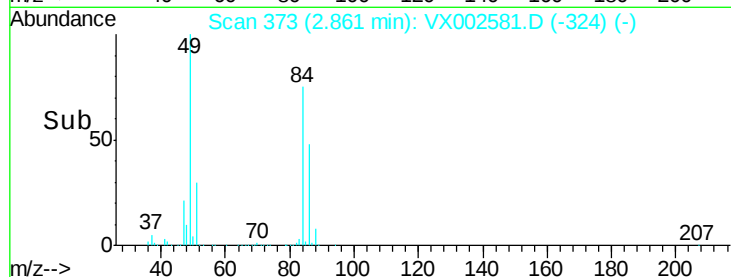
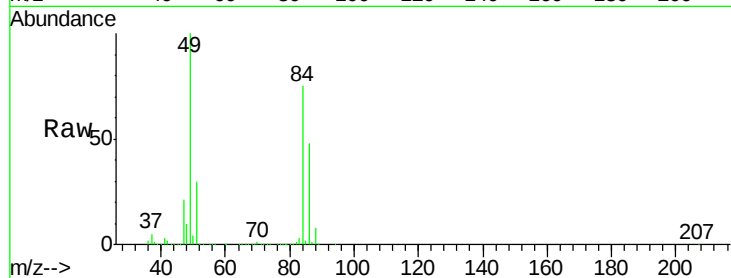
3.21 3.22 3.23 3.24 3.25



#20
Methvlene Chloride
Concen: 309.86 ua/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

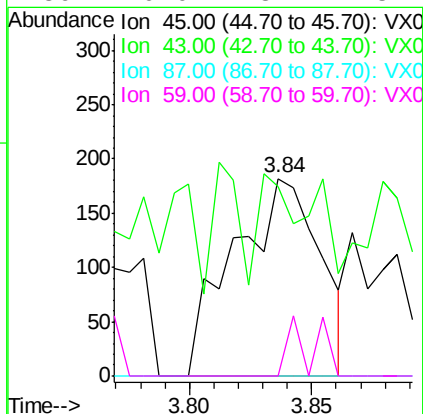
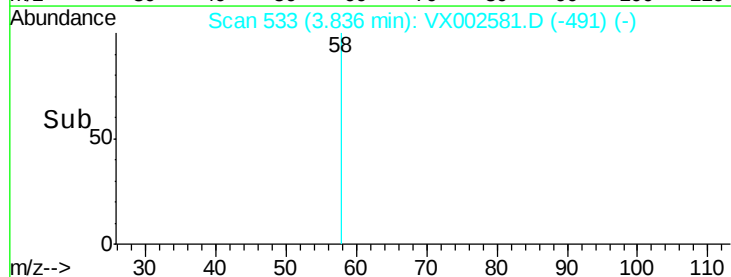
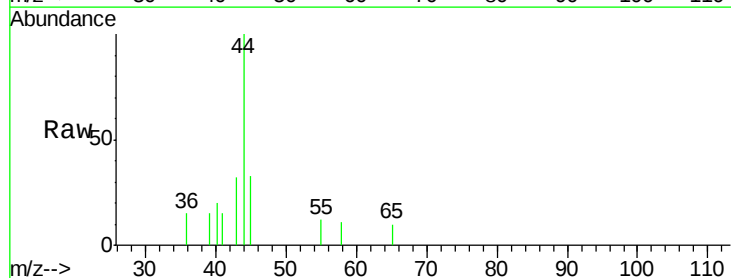
Instrument :
MSVOA_X
ClientSampleId :

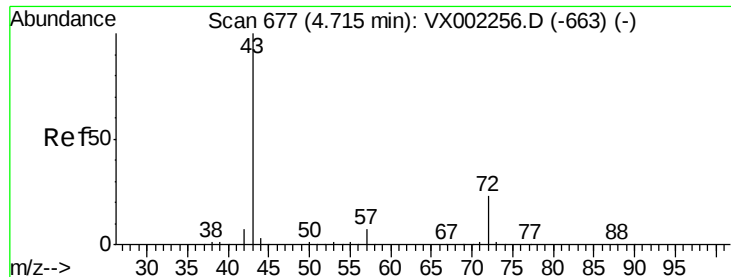
Tot Ion: 84 Resp: 776035
Ion Ratio Lower Upper
84 100
49 133.4 107.8 161.6
51 40.5 32.8 49.2
86 64.5 52.5 78.7



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.84 min Scan# 533
Delta R.T. -0.04 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 45 Resp: 446
Ion Ratio Lower Upper
45 100
43 44.5 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#25

2-Butanone

Concen: 2.31 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

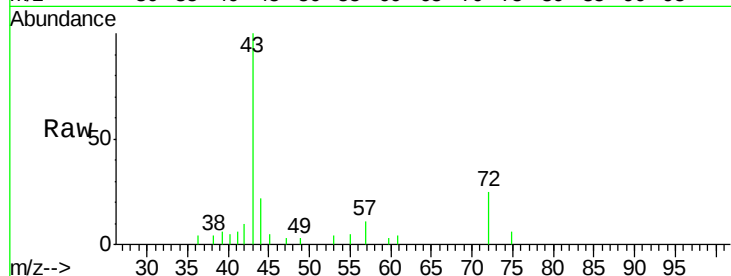
ClientSampled :

Tot Ion: 43 Resp: 5263

Ion Ratio Lower Upper

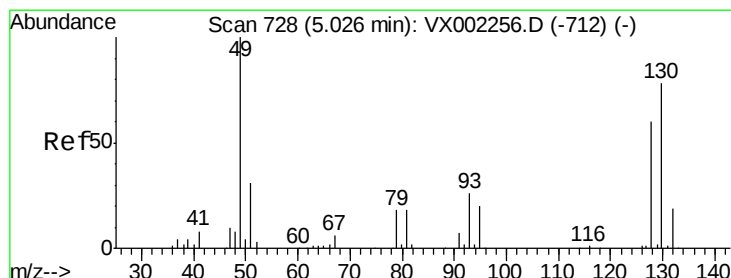
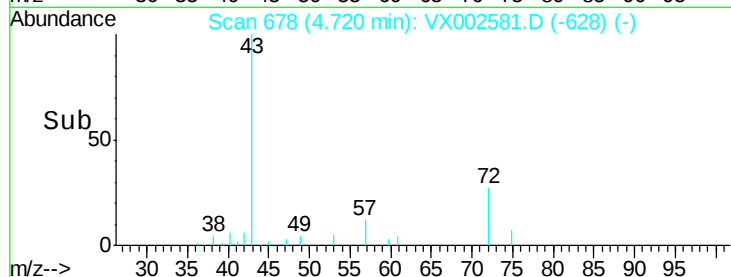
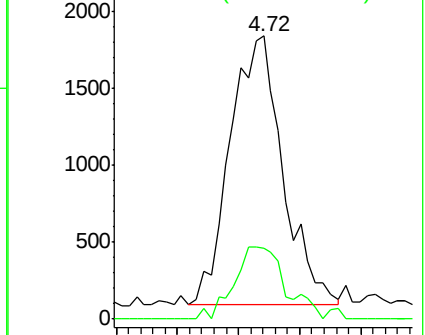
43 100

72 26.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

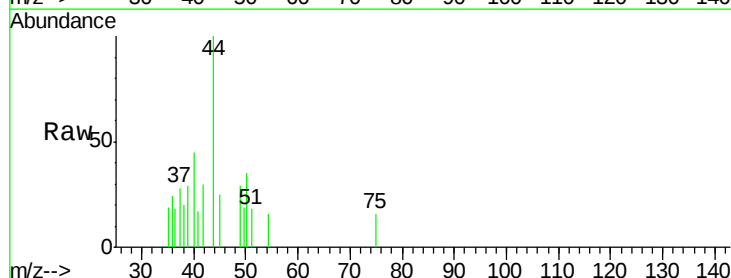
Tgt Ion: 49 Resp: 165

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

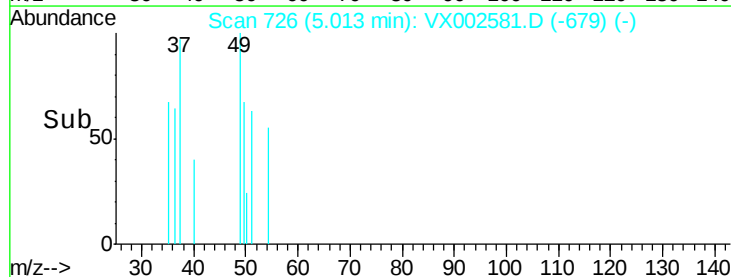
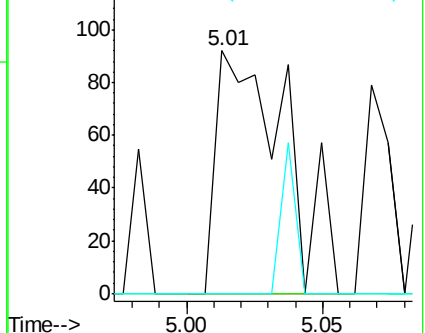
130 0.0 61.2 91.8#

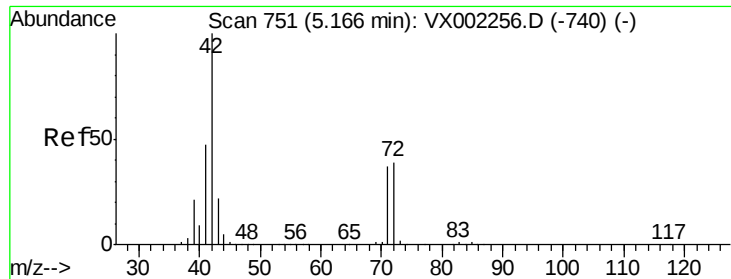


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

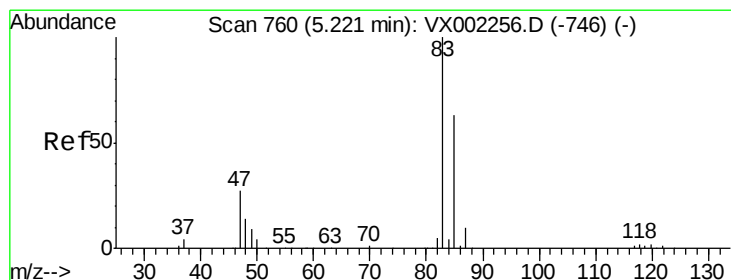
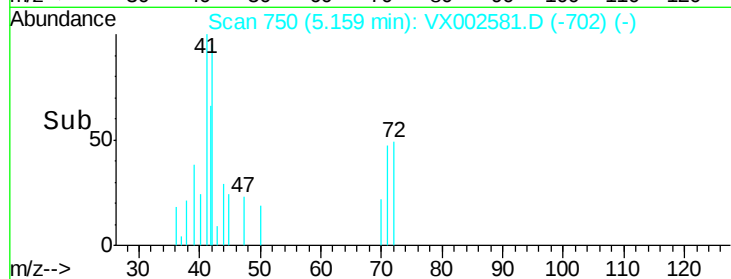
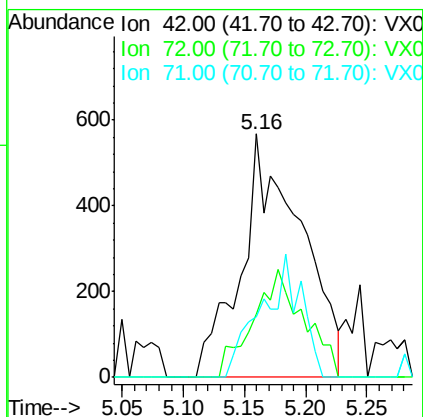
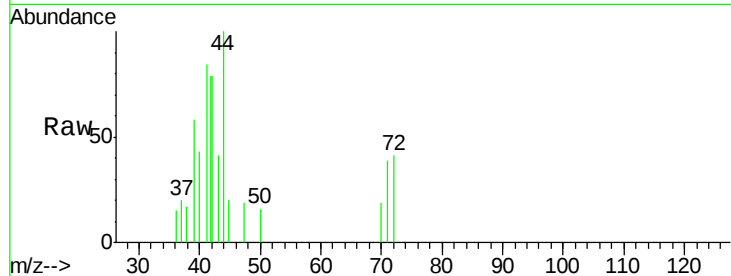




#29
Tetrahydrofuran
Concen: 1.32 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

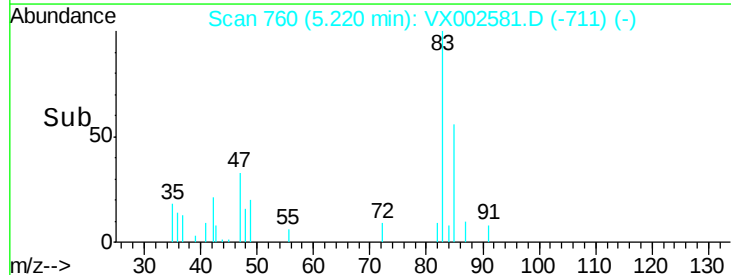
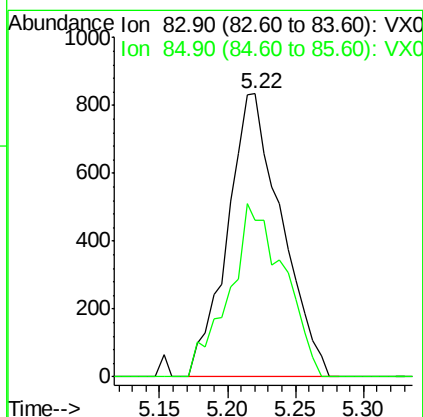
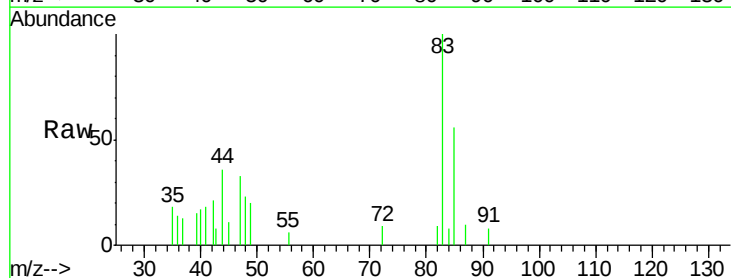
Instrument :
MSVOA_X
ClientSampled :

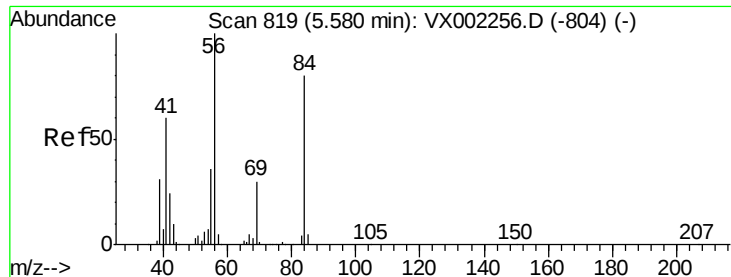
Tot Ion: 42 Resp: 1939
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 30.1 45.1#



#30
Chloroform
Concen: 0.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 83 Resp: 2314
Ion Ratio Lower Upper
83 100
85 55.5 50.4 75.6

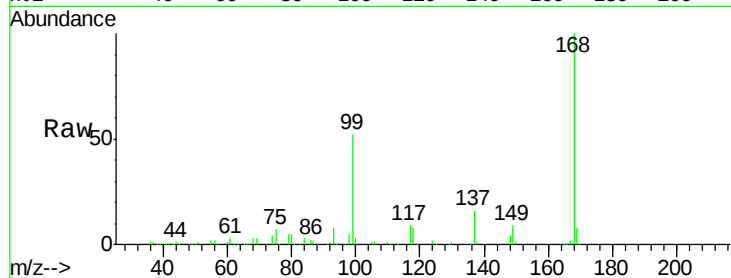




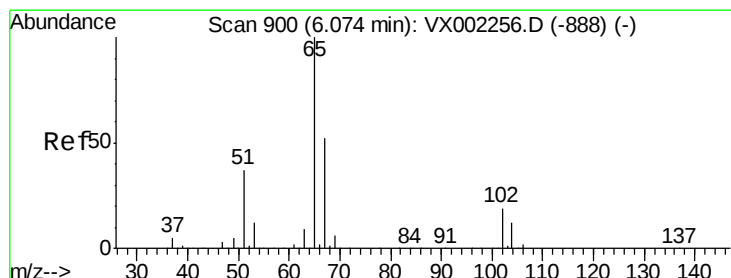
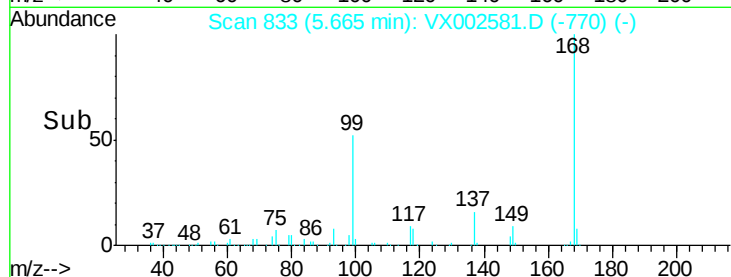
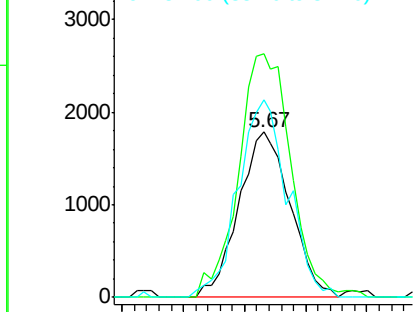
#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 5225
Ion Ratio Lower Upper
56 100
69 147.1 23.7 35.5#
84 119.4 64.1 96.1#

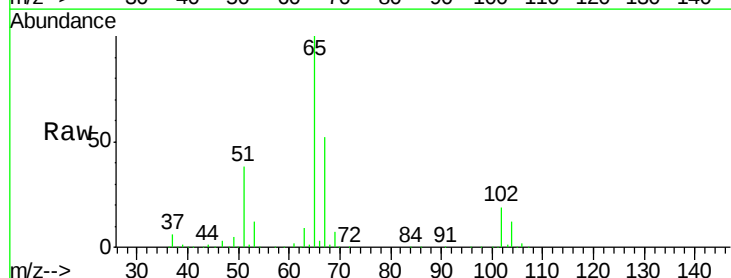


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

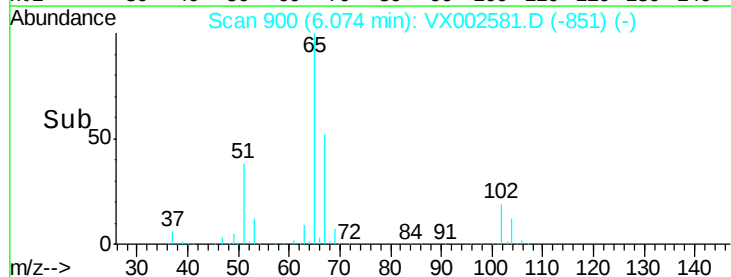
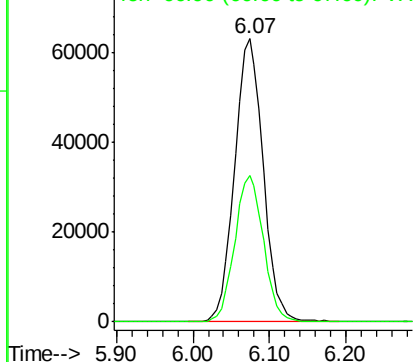


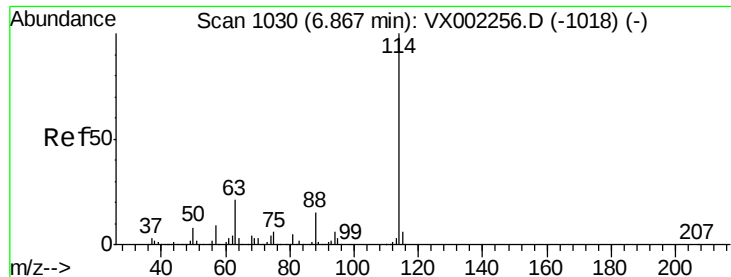
#33
1,2-Dichloroethane-d4
Concen: 49.06 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 65 Resp: 163166
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

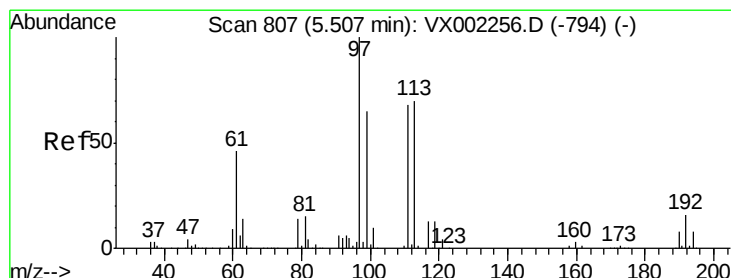
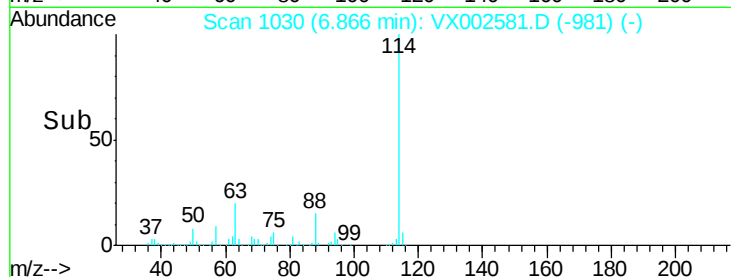
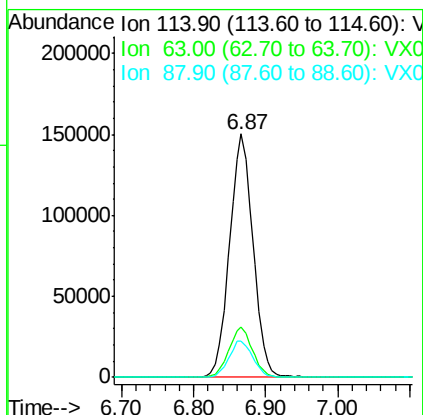
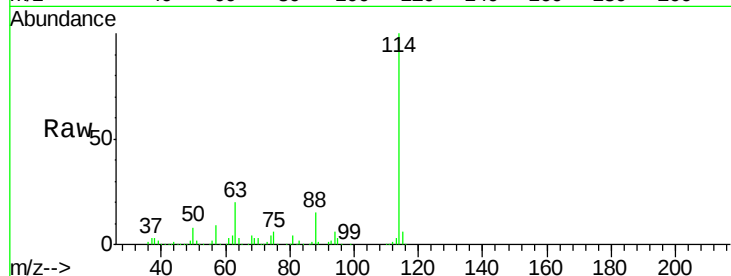
Delta R.T. -0.00 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114	Resp:	341997
Ion Ratio	Lower	Upper
114 100		
63 20.4	0.0	41.4
88 14.7	0.0	30.0



#35

Dibromofluoromethane

Concen: 45.29 ug/l

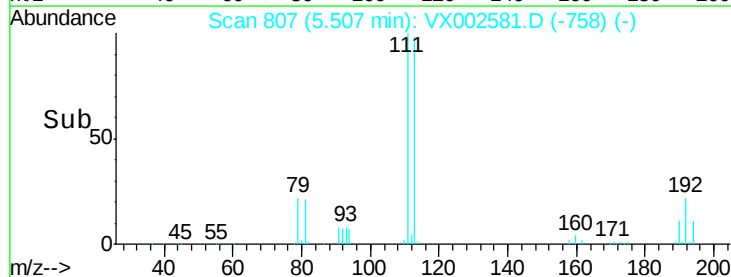
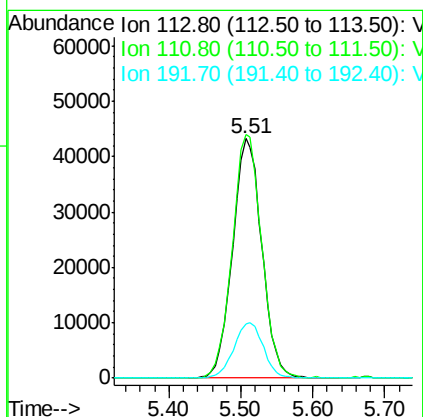
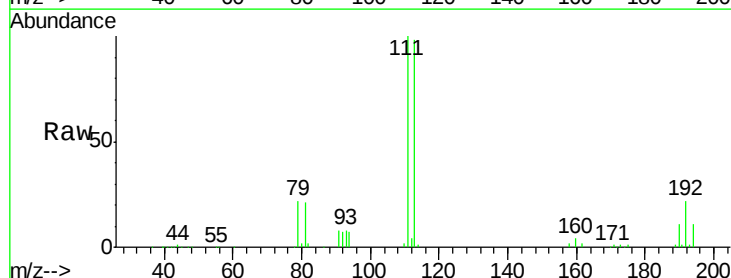
RT: 5.51 min Scan# 807

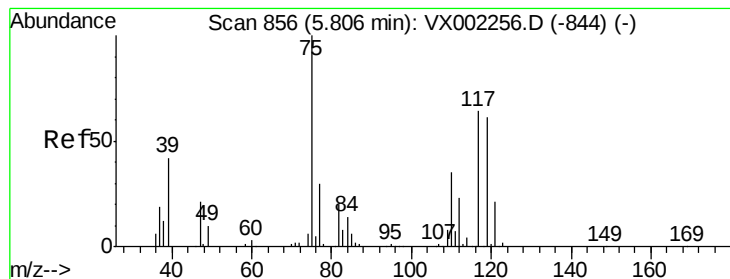
Delta R.T. -0.00 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Tgt Ion:113	Resp:	121808
Ion Ratio	Lower	Upper
113 100		
111 102.0	81.4	122.0
192 23.3	19.1	28.7





#36

1,1-Dichloropropene

Concen: 4.63 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

ClientSampleId :

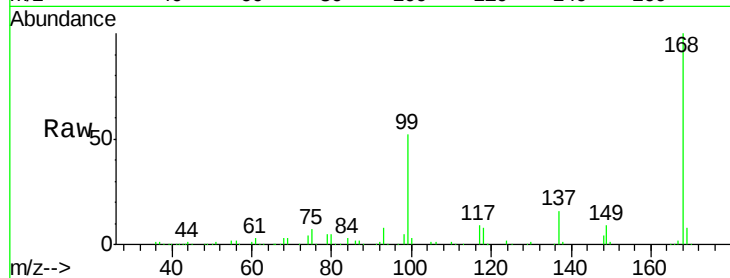
Tot Ion: 75 Resp: 16652

Ion Ratio Lower Upper

75 100

110 5.1 18.1 54.4#

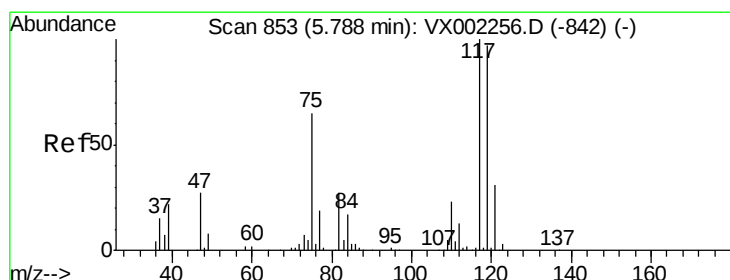
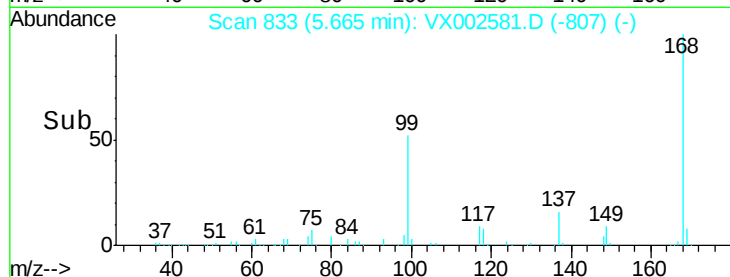
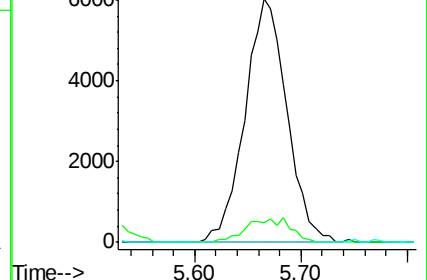
77 0.0 24.3 36.5#



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: 5.86 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

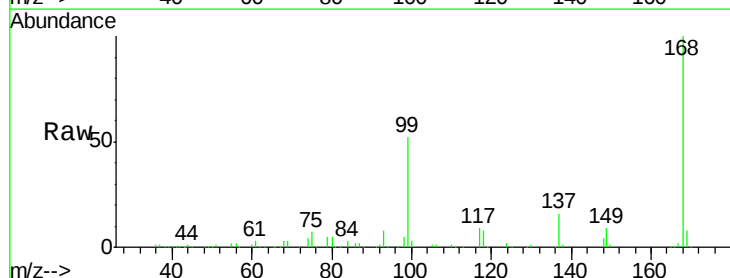
Tgt Ion:117 Resp: 22048

Ion Ratio Lower Upper

117 100

119 8.3 77.4 116.0#

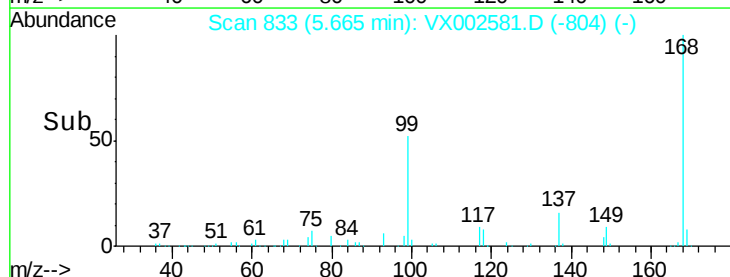
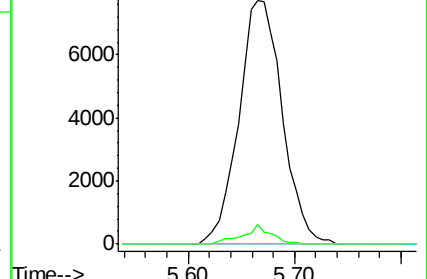
121 0.0 24.4 36.6#

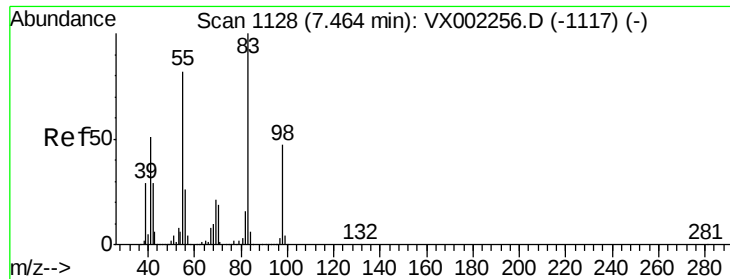


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

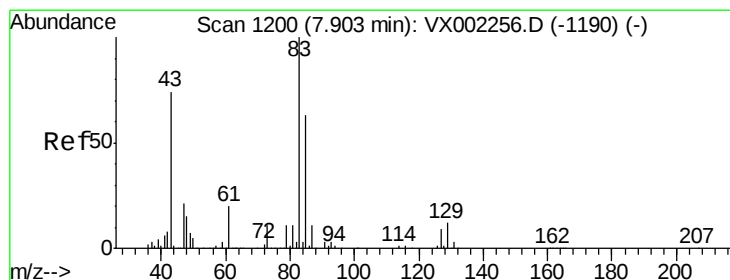
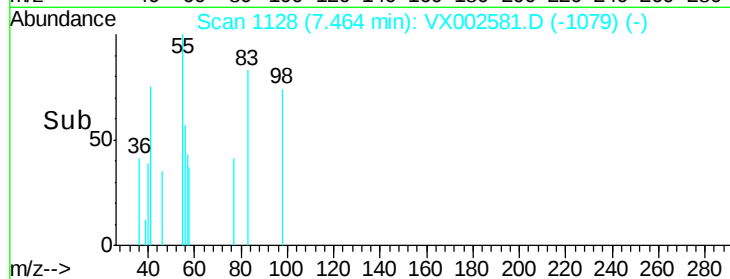
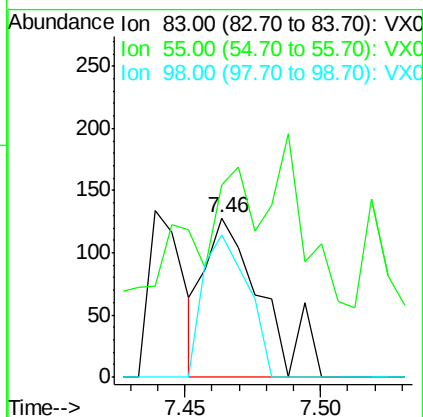
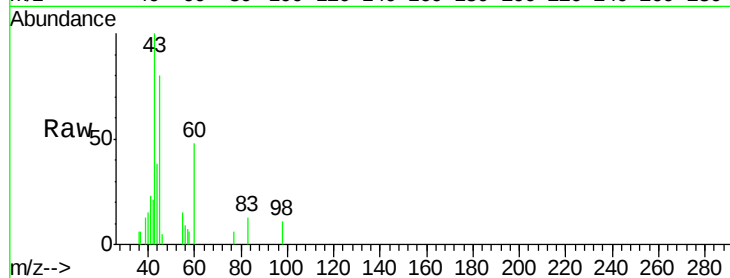




#39
Methvlcvclohexane
Concen: 0.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

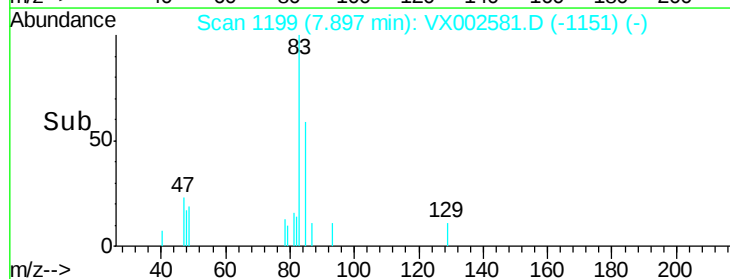
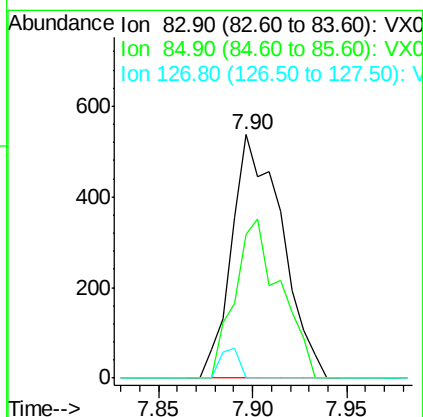
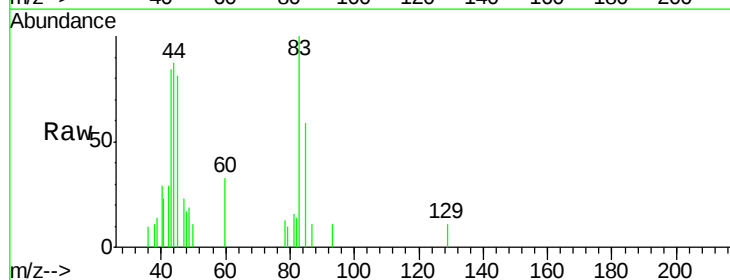
Instrument :
MSVOA_X
ClientSampled :

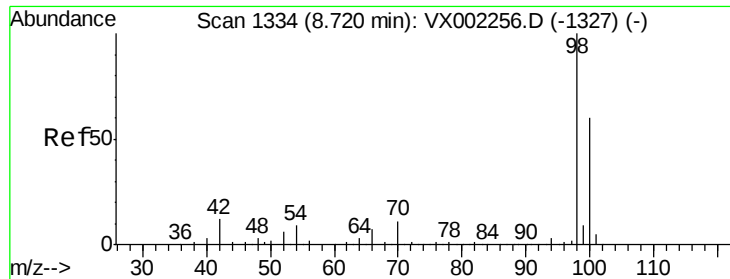
Tot Ion: 83 Resp: 186
Ion Ratio Lower Upper
83 100
55 73.4 65.4 98.0
98 89.1 37.4 56.0#



#47
Bromodichloromethane
Concen: 0.27 ug/l
RT: 7.90 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 83 Resp: 990
Ion Ratio Lower Upper
83 100
85 59.2 50.3 75.5
127 0.0 7.0 10.4#

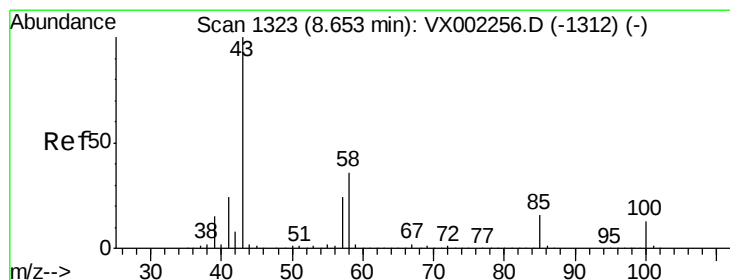
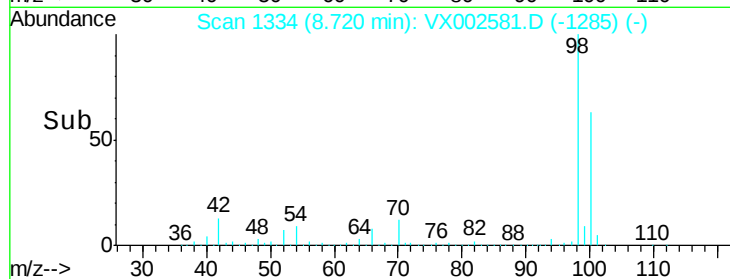
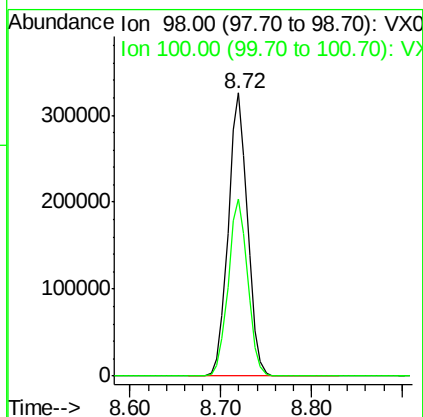
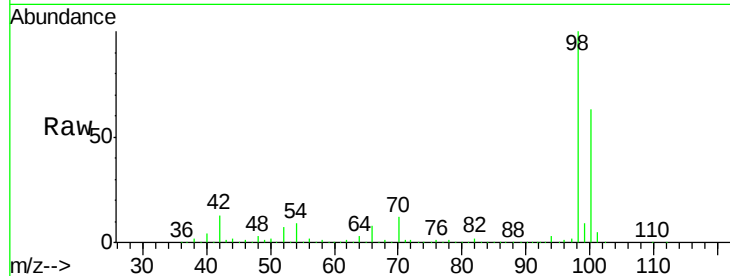




#50
Toluene-d8
Concen: 47.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

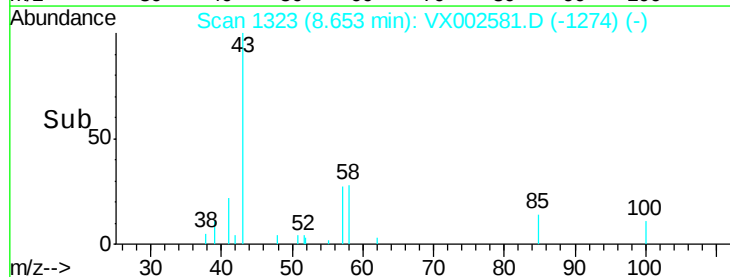
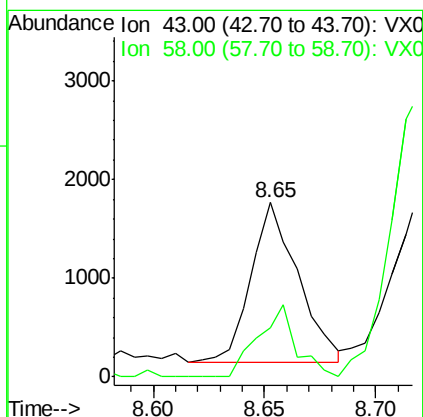
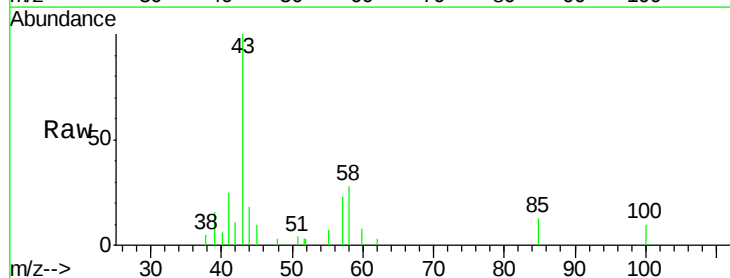
Instrument :
MSVOA_X
ClientSampleId :

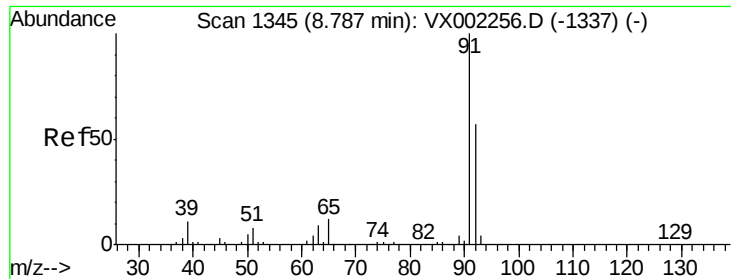
Tot Ion: 98 Resp: 488750
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
58 37.0 28.6 42.8





#52

Toluene

Concen: 0.30 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

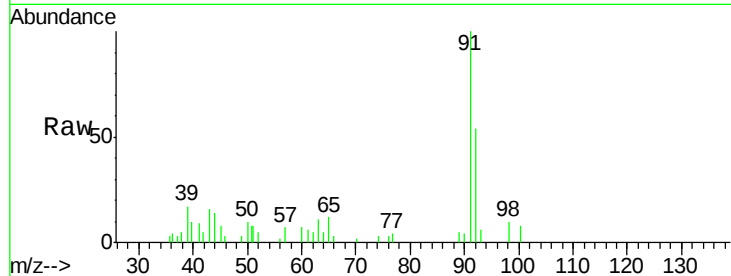
ClientSampled :

Tot Ion: 92 Resp: 2101

Ion Ratio Lower Upper

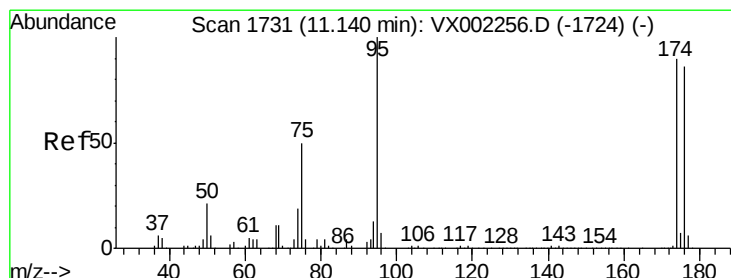
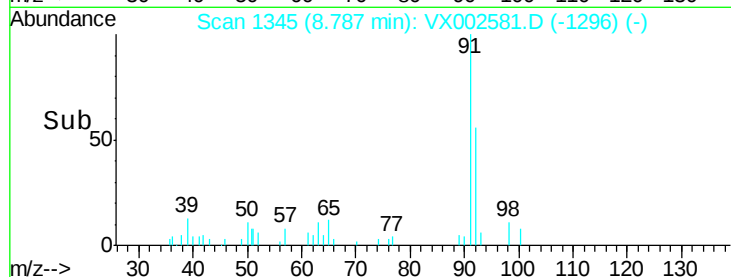
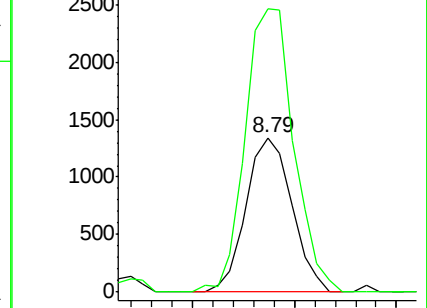
92 100

91 193.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

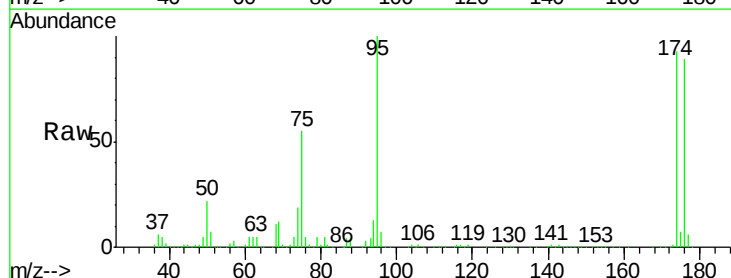
Tgt Ion: 95 Resp: 170726

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

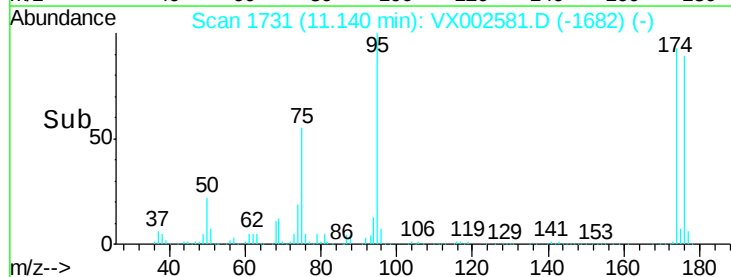
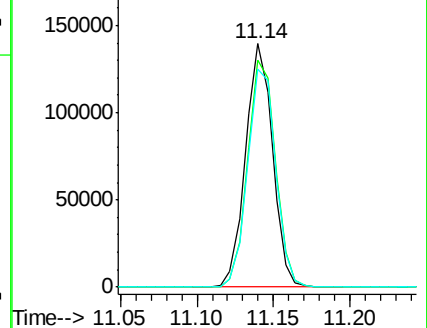
176 93.3 0.0 181.0

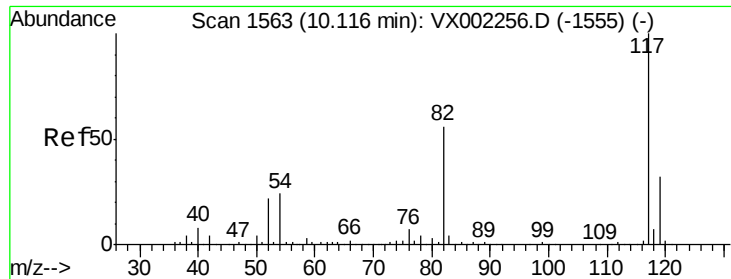


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

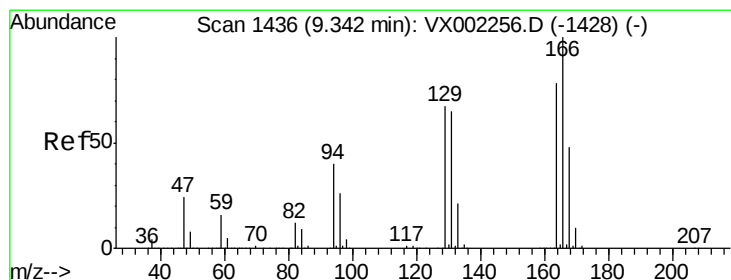
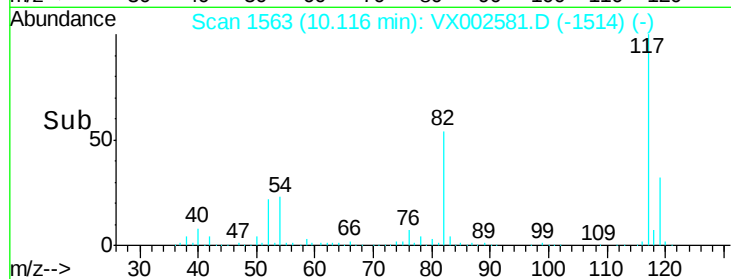
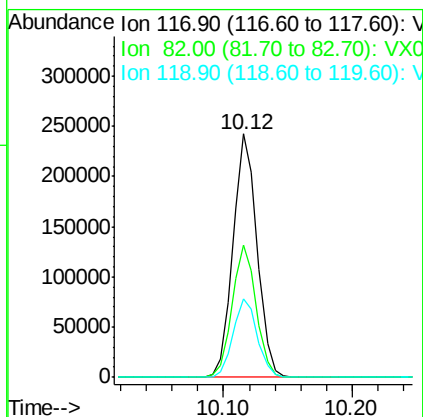
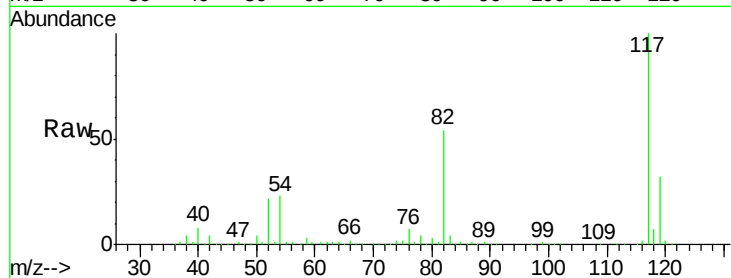




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

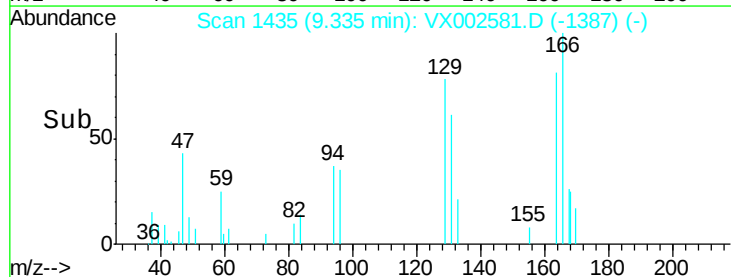
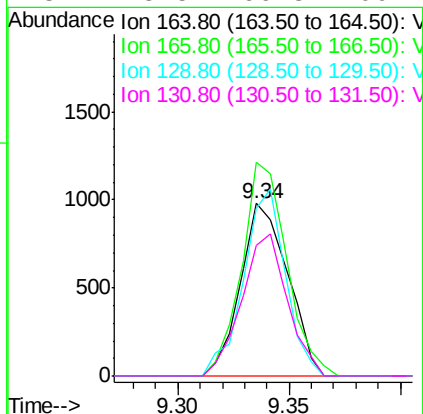
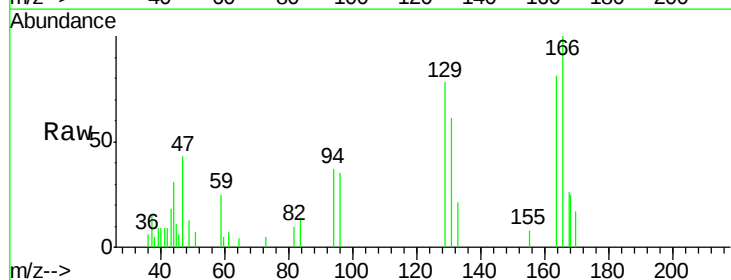
Instrument :
MSVOA_X
ClientSampleId :

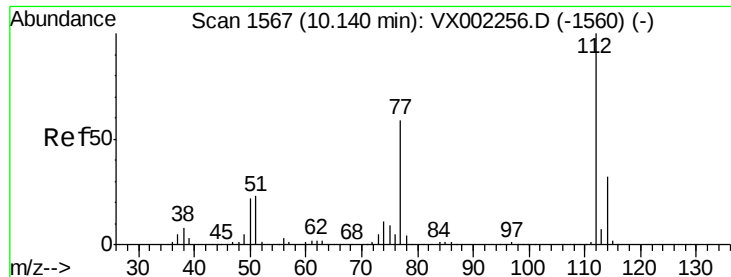
Tot Ion:117 Resp: 316027
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 0.45 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion:164 Resp: 1453
Ion Ratio Lower Upper
164 100
166 123.9 102.9 154.3
129 97.0 68.6 102.8
131 75.5 66.8 100.2

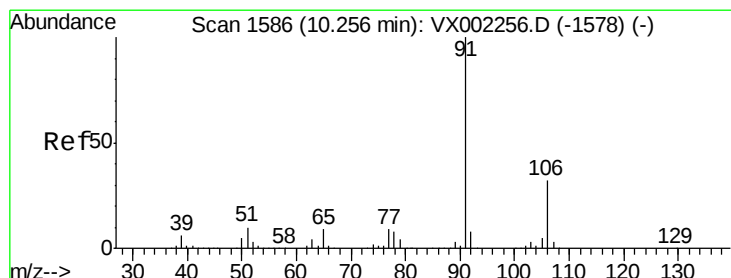
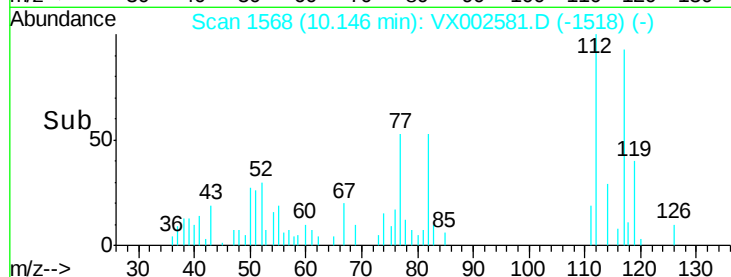
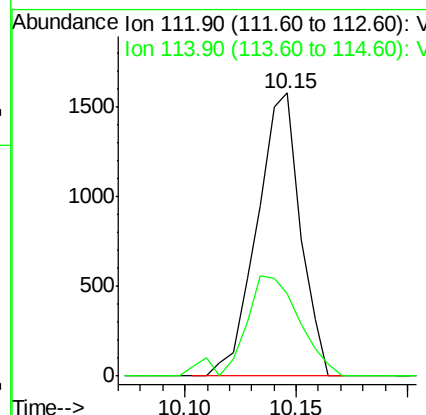
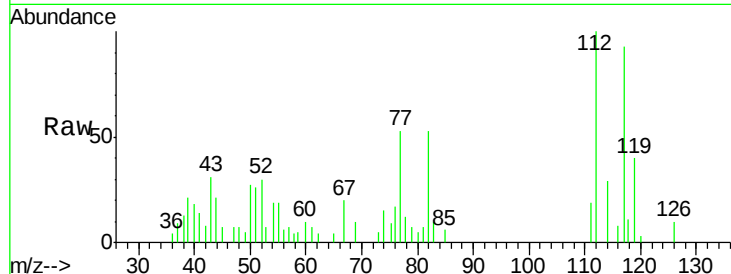




#65
Chlorobenzene
Concen: 0.27 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

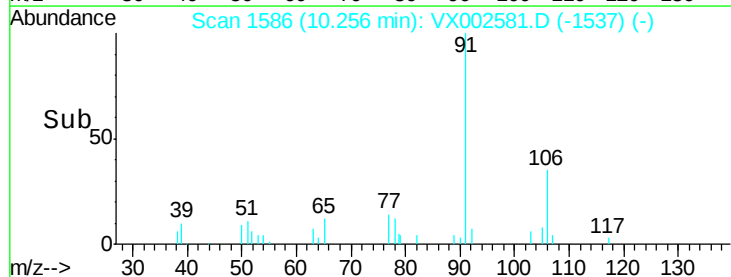
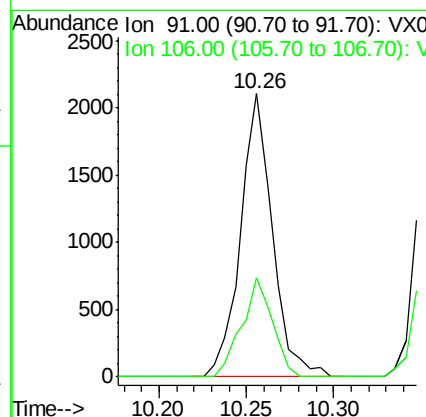
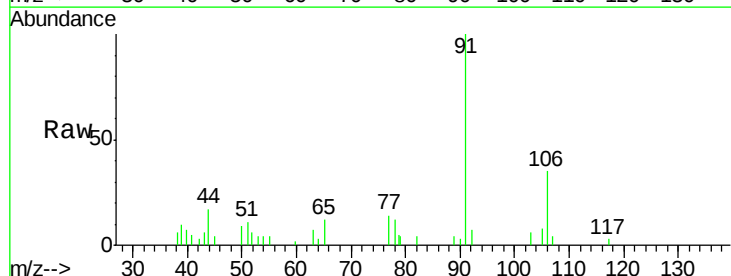
Instrument :
MSVOA_X
ClientSampled :

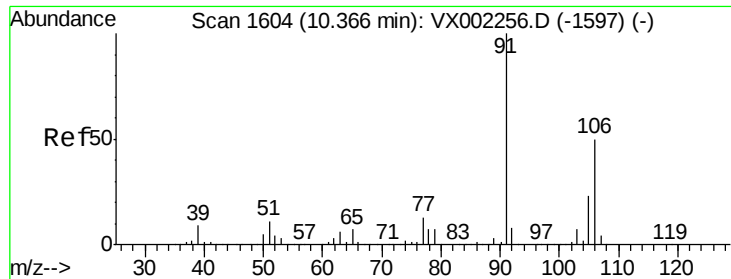
Tot Ion:112 Resp: 2144
Ion Ratio Lower Upper
112 100
114 29.0 25.3 37.9



#67
Ethyl Benzene
Concen: 0.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 91 Resp: 2668
Ion Ratio Lower Upper
91 100
106 35.0 25.5 38.3

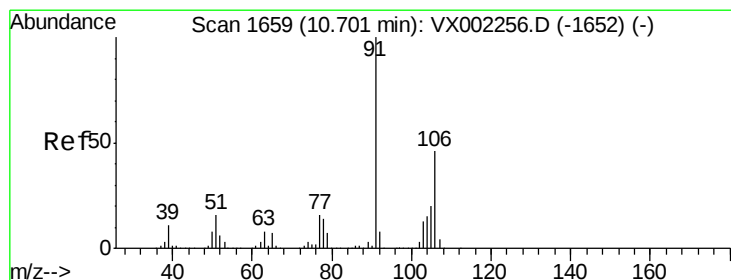
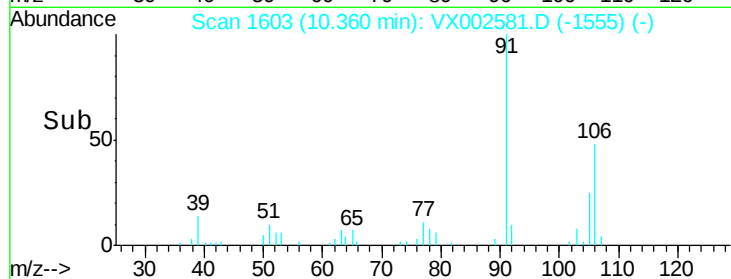
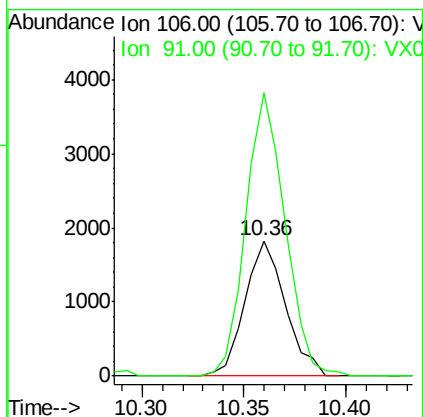
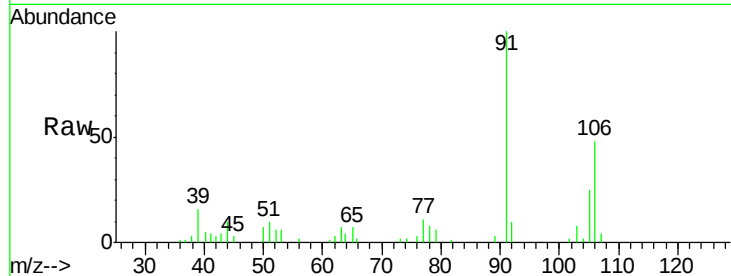




#68
m/p-Xvlenes
Concen: 0.49 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

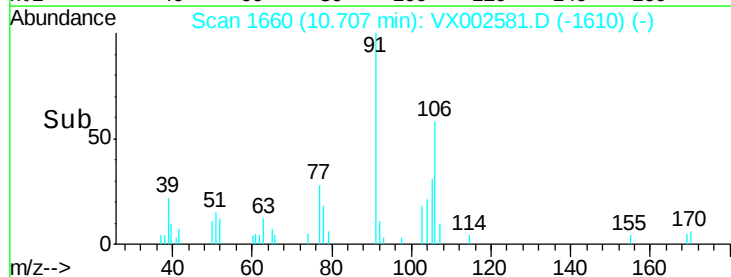
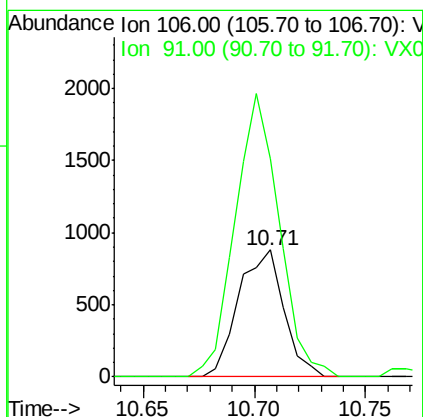
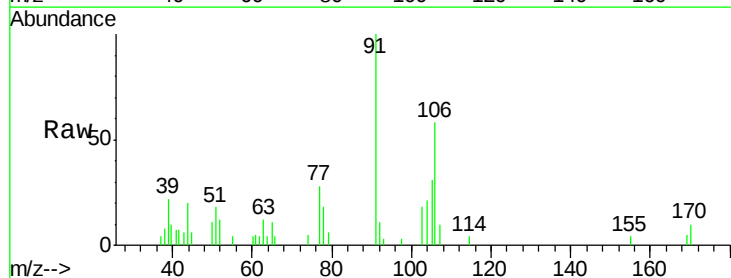
Instrument :
MSVOA_X
ClientSampled :

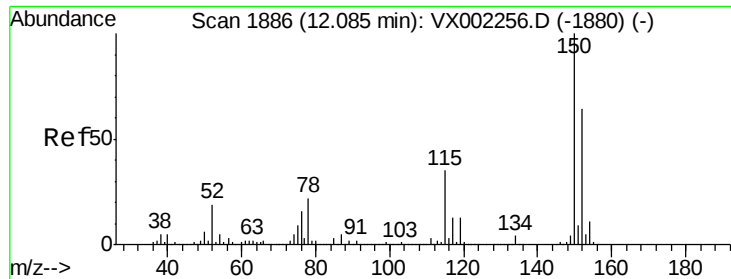
Tot Ion:106 Resp: 2521
Ion Ratio Lower Upper
106 100
91 203.1 163.4 245.2



#69
o-Xylene
Concen: 0.24 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion:106 Resp: 1244
Ion Ratio Lower Upper
106 100
91 217.5 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

ClientSampleId :

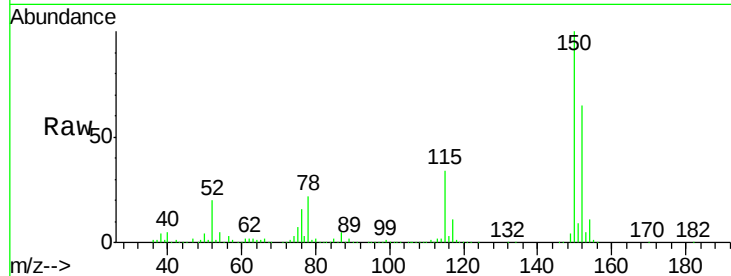
Tot Ion:152 Resp: 177470

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

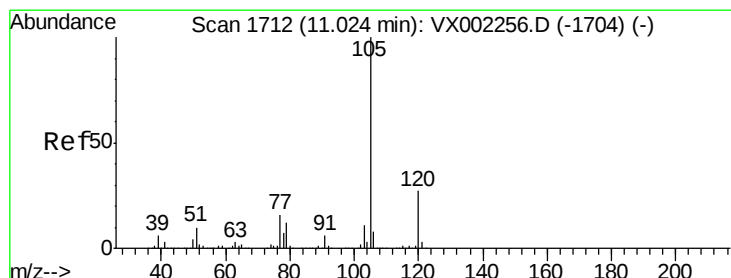
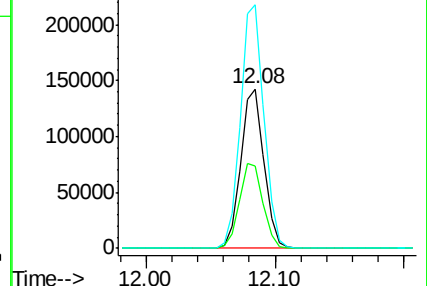
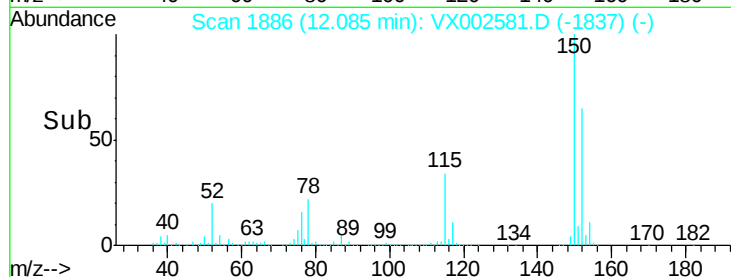
150 155.5 0.0 347.2



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: 0.26 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002581.D

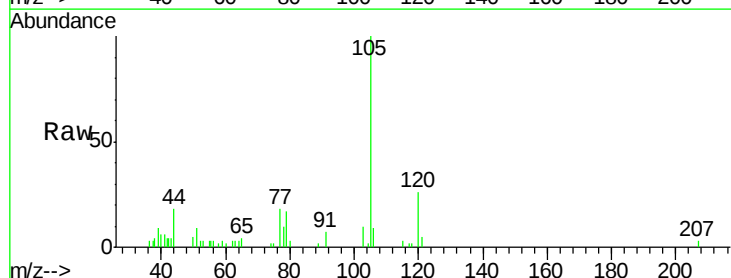
Acq: 15 Jun 2018 05:09

Tgt Ion:105 Resp: 3168

Ion Ratio Lower Upper

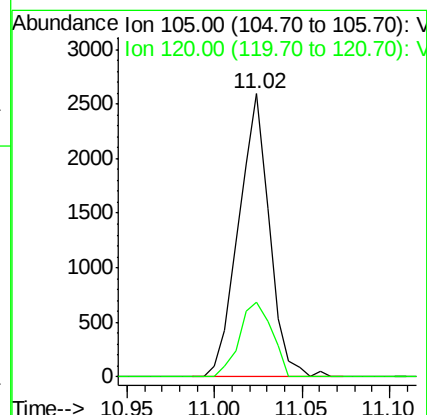
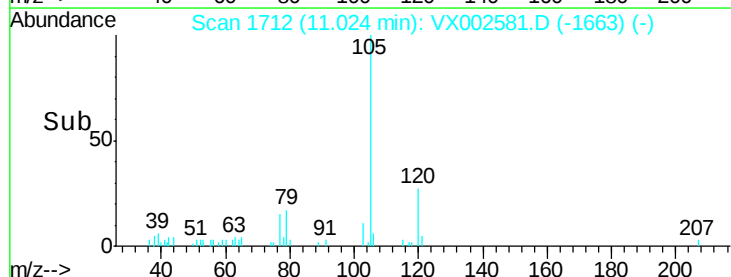
105 100

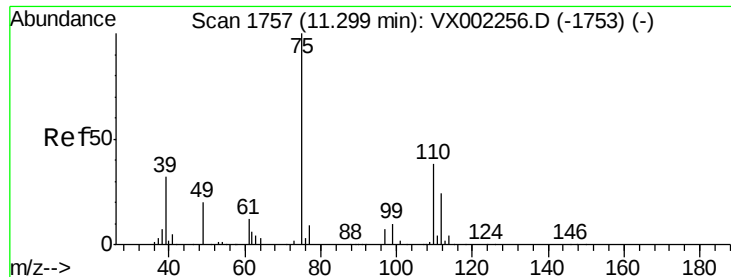
120 27.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

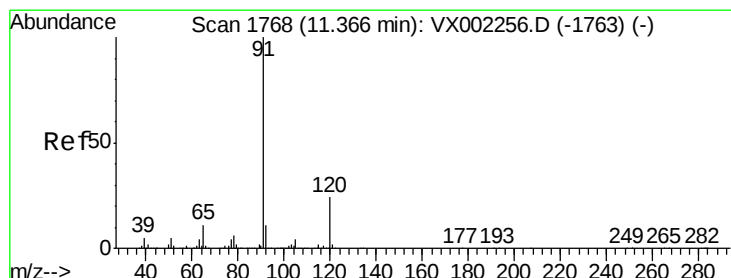
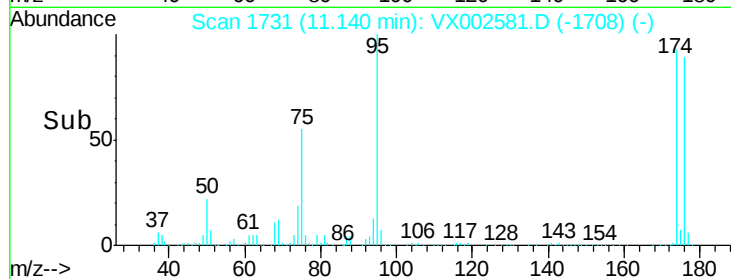
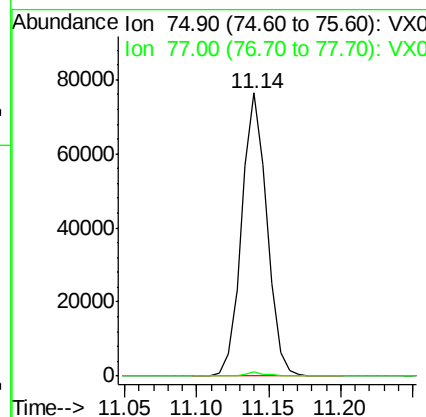
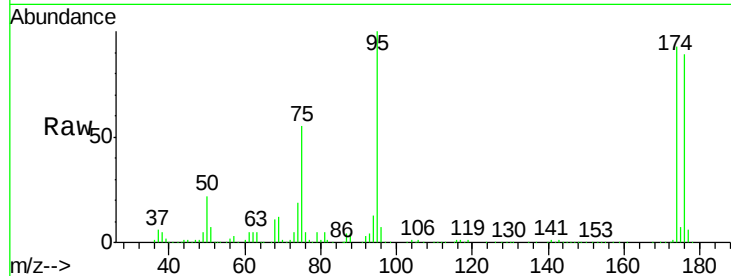




#76
 1,2,3-Trichloropropane
 Concen: 23.90 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002581.D
 Acq: 15 Jun 2018 05:09

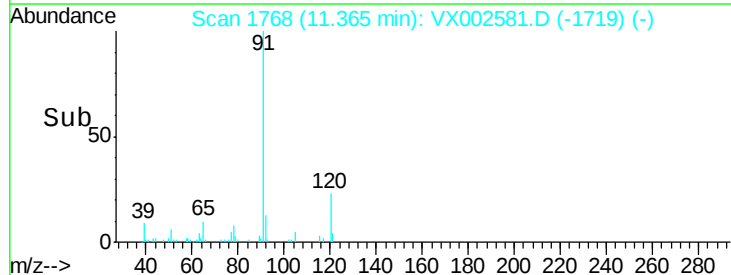
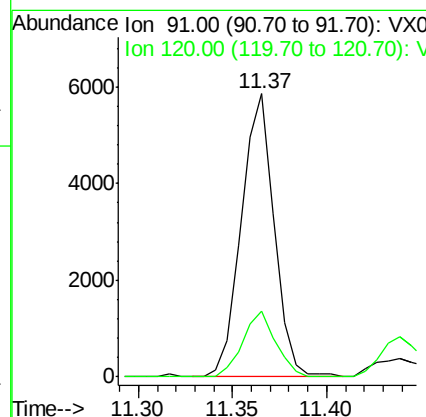
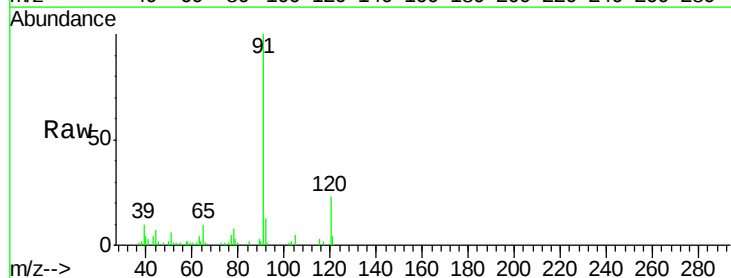
Instrument :
 MSVOA_X
 ClientSampleId :

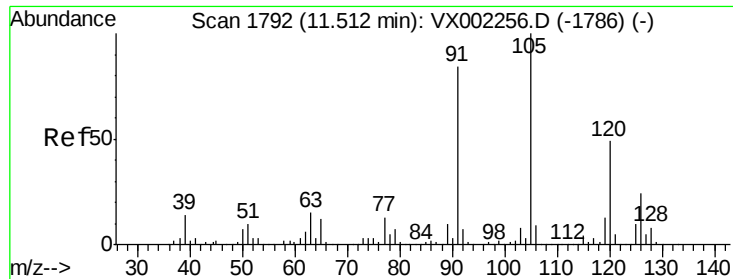
Tot Ion: 75 Resp: 93085
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.52 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VX002581.D
 Acq: 15 Jun 2018 05:09

Tgt Ion: 91 Resp: 7073
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.8 35.4

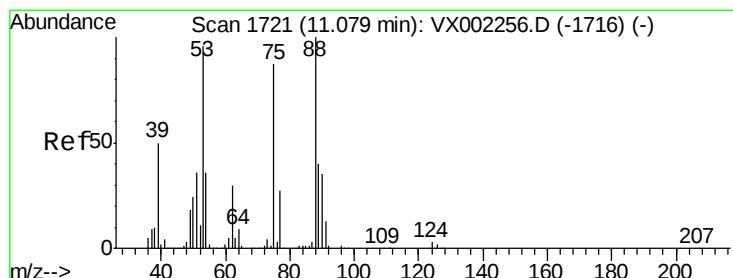
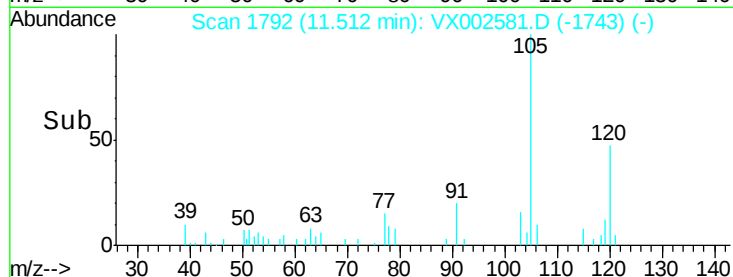
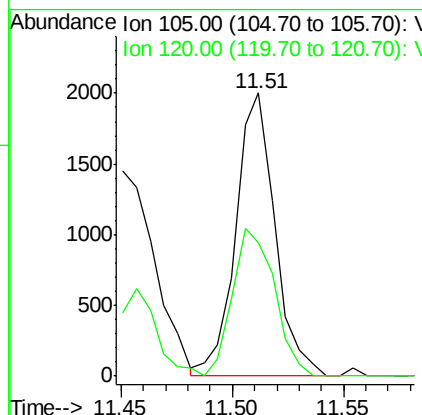
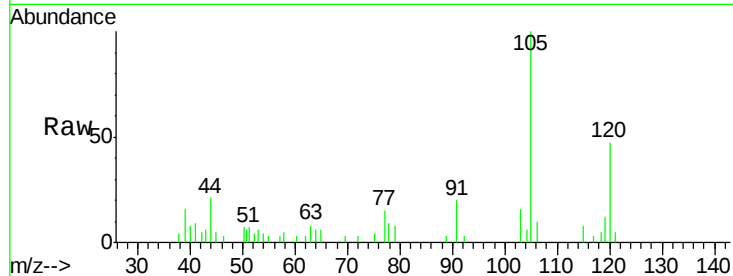




#80
 1,3,5-Trimethylbenzene
 Concen: 0.23 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002581.D
 Acq: 15 Jun 2018 05:09

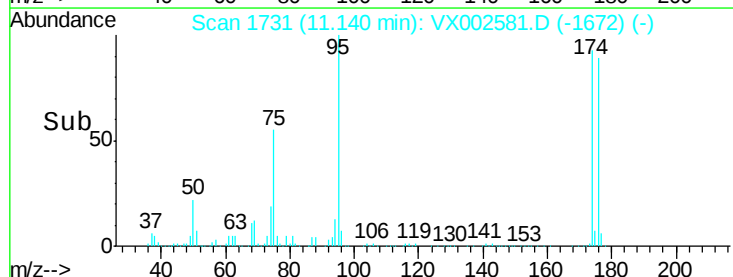
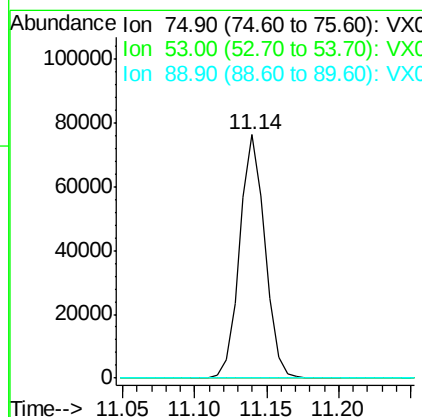
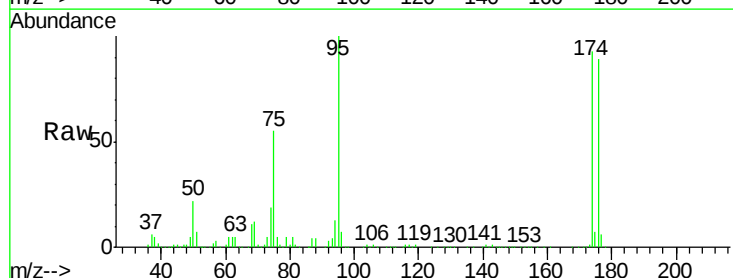
Instrument :
 MSVOA_X
 ClientSampled :

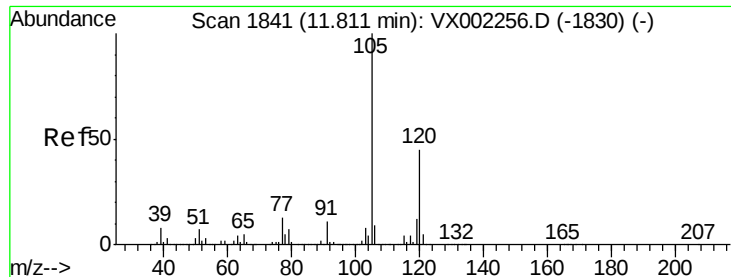
Tot Ion:105 Resp: 2459
 Ion Ratio Lower Upper
 105 100
 120 55.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.79 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002581.D
 Acq: 15 Jun 2018 05:09

Tgt Ion: 75 Resp: 93085
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#





#84

1,2,4-Trimethylbenzene

Concen: 0.83 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

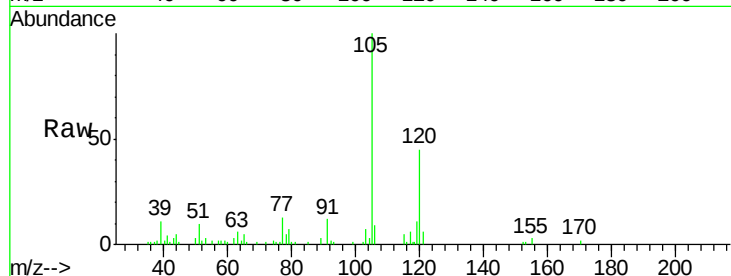
ClientSampled :

Tot Ion:105 Resp: 9033

Ion Ratio Lower Upper

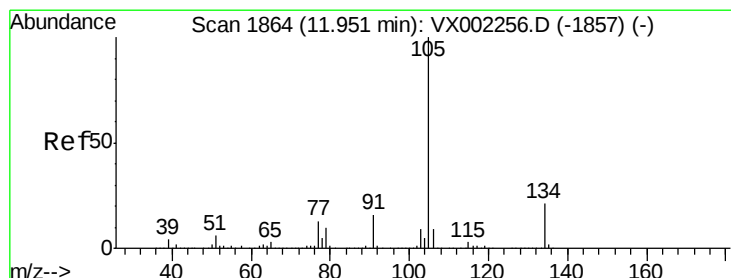
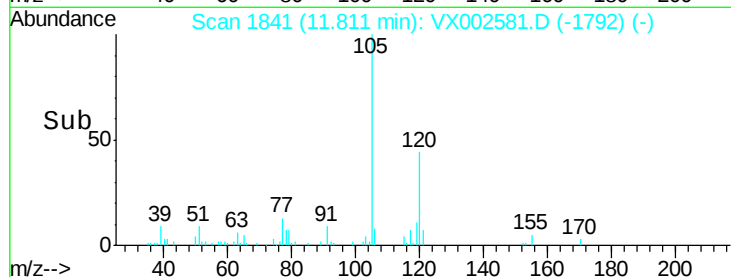
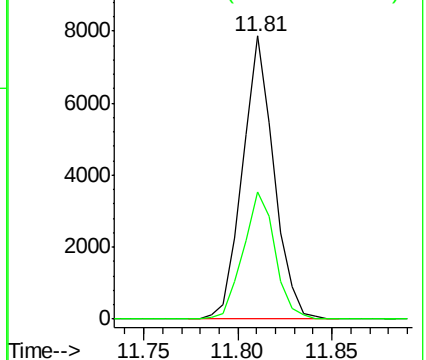
105 100

120 45.6 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: 0.33 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002581.D

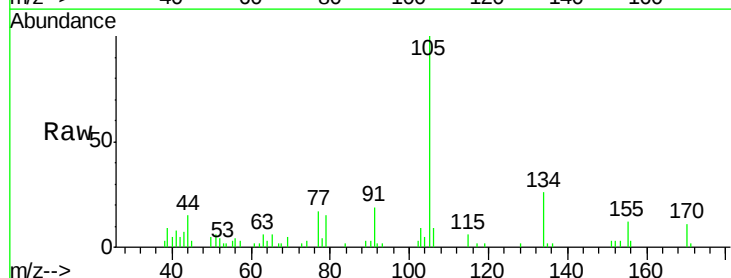
Acq: 15 Jun 2018 05:09

Tgt Ion:105 Resp: 3965

Ion Ratio Lower Upper

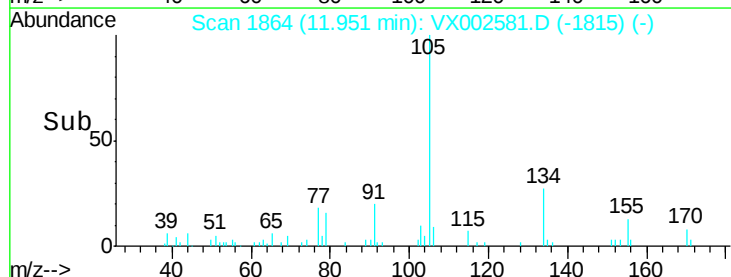
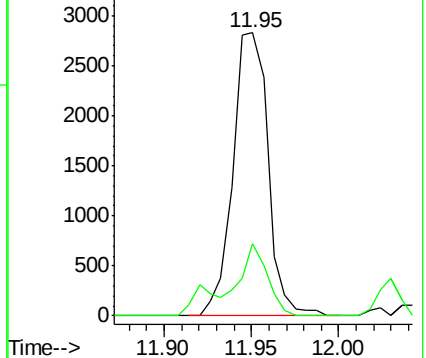
105 100

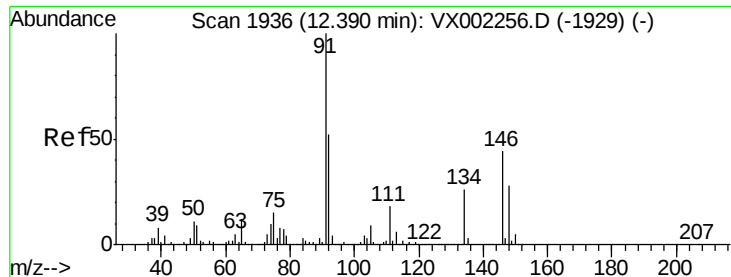
134 19.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

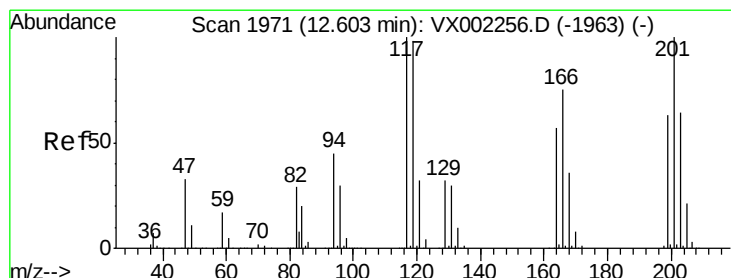
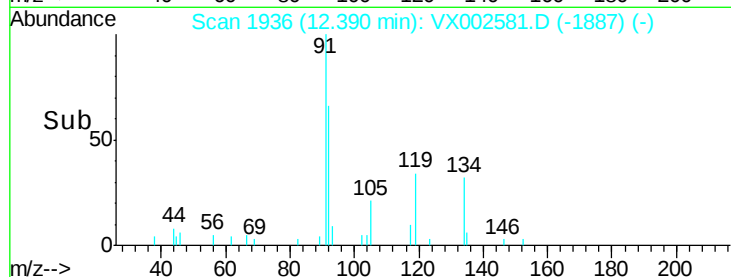
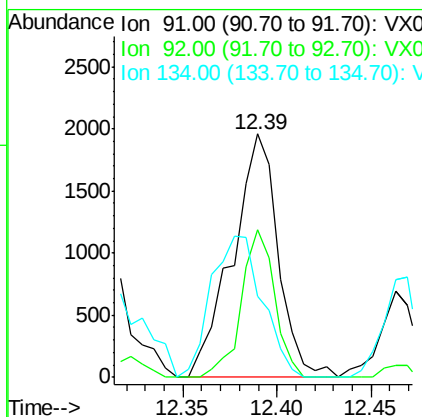
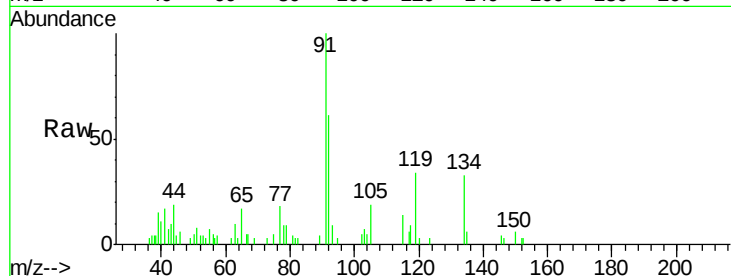




#89
n-Butylbenzene
Concen: 0.36 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

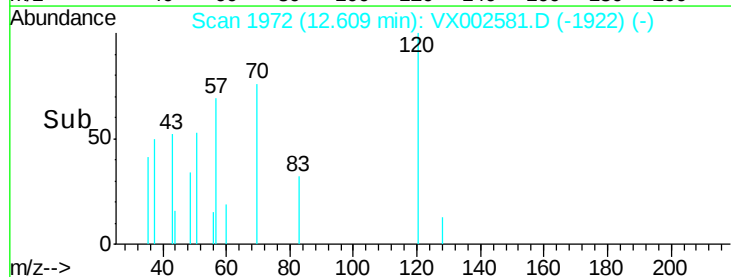
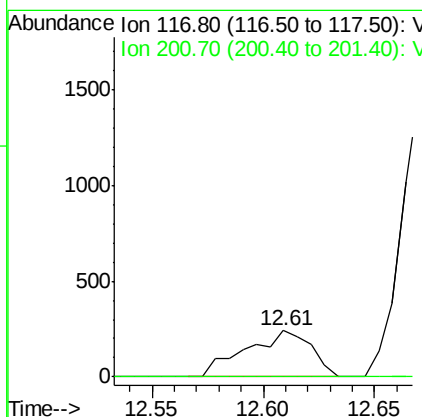
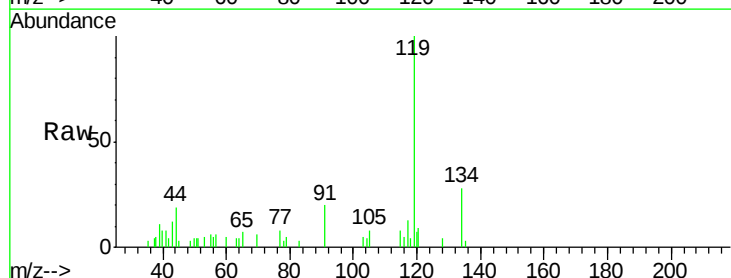
Instrument :
MSVOA_X
ClientSampleId :

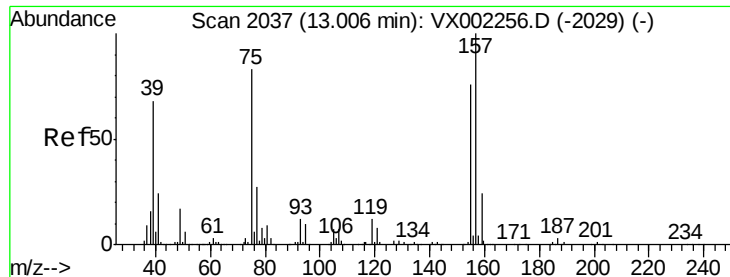
Tot Ion: 91 Resp: 3302
Ion Ratio Lower Upper
91 100
92 44.0 26.0 78.0
134 64.8 13.5 40.5#



#90
Hexachloroethane
Concen: 0.28 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Tgt Ion: 117 Resp: 494
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.30 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

Instrument :

MSVOA_X

ClientSampled :

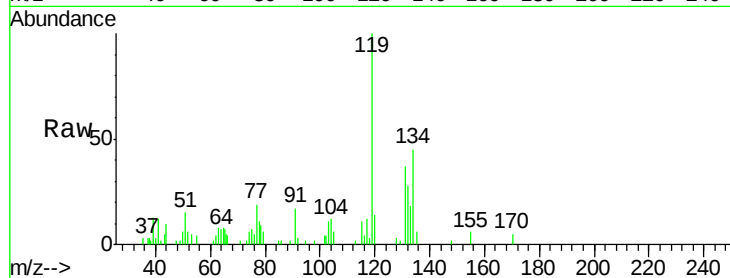
Tot Ion: 75 Resp: 255

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

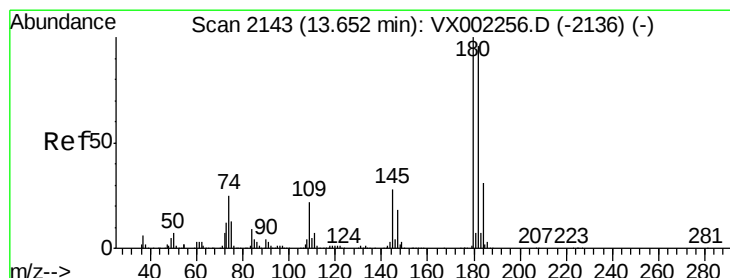
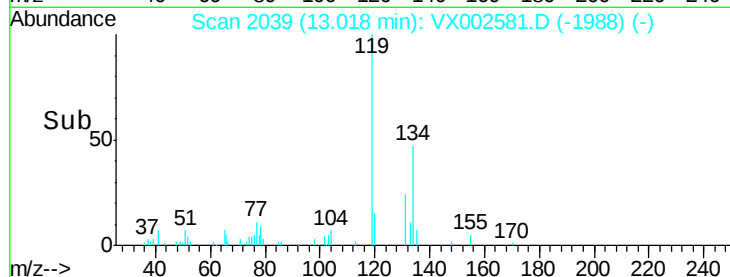
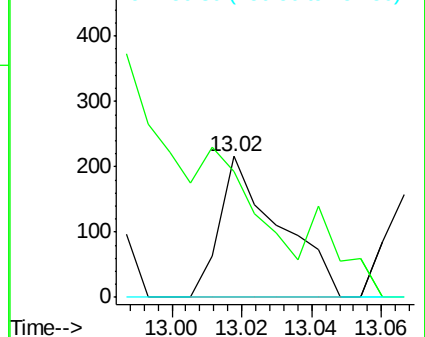
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.21 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX002581.D

Acq: 15 Jun 2018 05:09

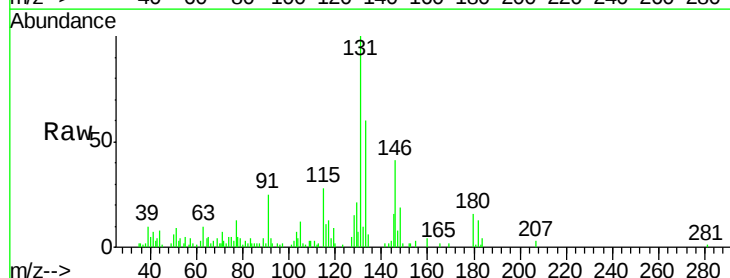
Tgt Ion: 180 Resp: 929

Ion Ratio Lower Upper

180 100

182 105.2 47.7 143.1

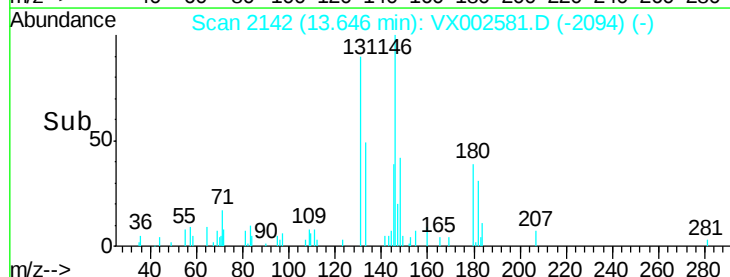
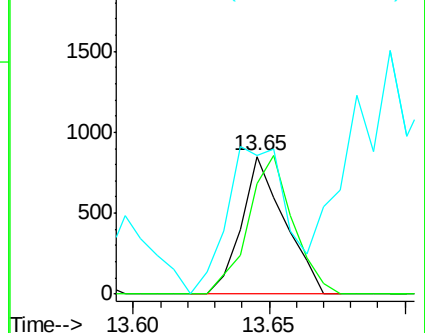
145 150.7 14.1 42.4#

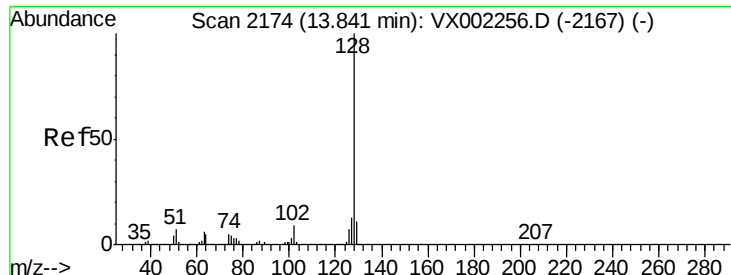


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

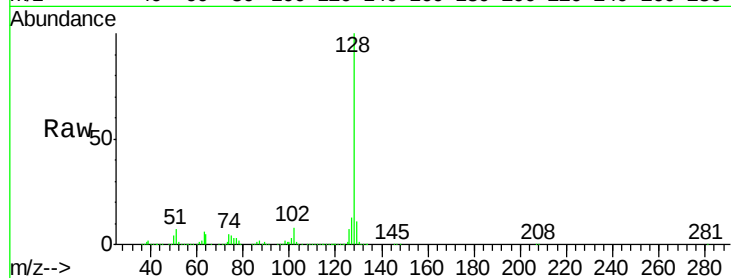




#95
Naphthalene
Concen: 55.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002581.D
Acq: 15 Jun 2018 05:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

