

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002426.D
 Acq On : 09 Jun 2018 17:29
 Operator : JC/MD
 Sample : J3396-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 04:08:03 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	209049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152586	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	146942	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.18%		
35) Dibromofluoromethane	5.51	113	112750	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.30%		
50) Toluene-d8	8.72	98	436036	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.16%		
62) 4-Bromofluorobenzene	11.14	95	151034	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	85.48%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	5162	Below Cal	#	62
5) Bromomethane	1.66	94	1473	Below Cal		91
6) Chloroethane	1.94	64	871	0.49	ug/l	74
8) Diethyl Ether	2.19	74	40	Below Cal	#	1
10) Methyl Iodide	2.52	142	1487	0.47	ug/l	93
11) Tert butyl alcohol	3.07	59	643	Below Cal	#	12
13) Acrolein	2.27	56	1497	Below Cal	#	1
15) Acrylonitrile	3.17	53	560	Below Cal	#	35
16) Acetone	2.45	43	111478	73.15	ug/l	99
17) Carbon Disulfide	2.58	76	3301	0.56	ug/l	99
18) Methyl Acetate	2.84	43	10836	0.97	ug/l	56
19) Methyl tert-butyl Ether	3.14	73	23	Below Cal	#	1
20) Methylene Chloride	2.86	84	1070	Below Cal	#	86
22) Diisopropyl ether	3.88	45	49	Below Cal	#	37
25) 2-Butanone	4.71	43	6777	3.31	ug/l	95
28) Bromochloromethane	5.06	49	25	Below Cal	#	13
31) Cyclohexane	5.59	56	7009	1.86	ug/l	94
36) 1,1-Dichloropropene	5.67	75	15222	4.76	ug/l	52
37) Ethyl Acetate	4.71	43	6777	1.76	ug/l	70
38) Carbon Tetrachloride	5.67	117	19715	5.90	ug/l	15
39) Methylcyclohexane	7.46	83	7492	2.15	ug/l	95
52) Toluene	8.79	92	3324	0.53	ug/l	93
65) Chlorobenzene	10.14	112	40216	5.80	ug/l	98
67) Ethyl Benzene	10.26	91	2355	0.20	ug/l	87
68) m/p-Xylenes	10.36	106	26306	5.83	ug/l	100
69) o-Xylene	10.70	106	12703	2.83	ug/l	99
73) Isopropylbenzene	11.02	105	16308	1.54	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	83237	24.86	ug/l	33
78) n-propylbenzene	11.37	91	24041	2.04	ug/l	99
79) 2-Chlorotoluene	11.46	91	1916	0.26	ug/l	39
81) trans-1,4-Dichloro-2-buten	11.14	75	83237	87.15	ug/l	6
82) 4-Chlorotoluene	11.46	91	1916	0.22	ug/l	44
83) tert-Butylbenzene	11.77	119	3135	0.35	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	17374	1.85	ug/l	98

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

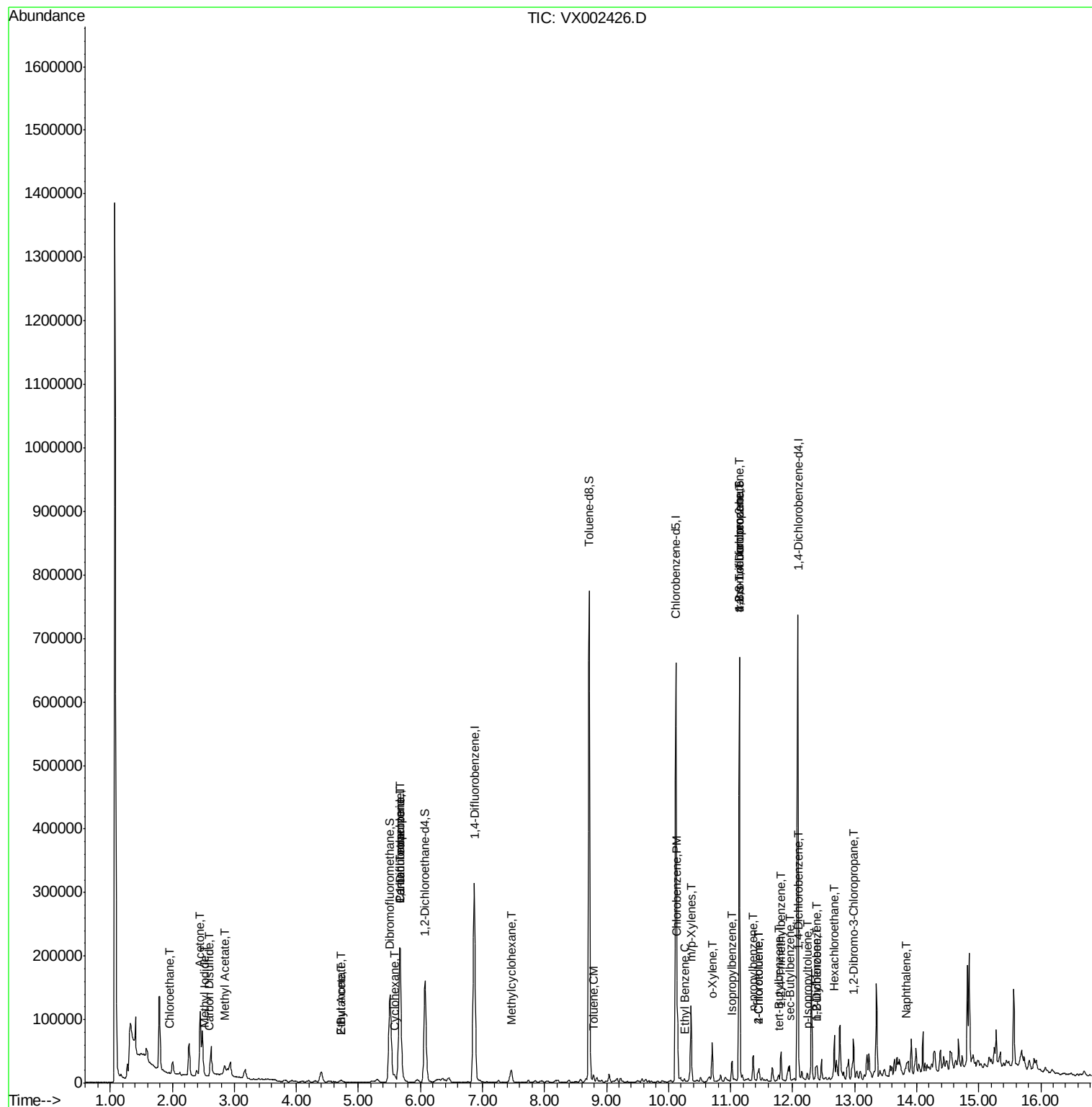
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.95	105	10863	1.05	ug/l	95
86) p-Isopropyltoluene	12.24	119	4895	0.52	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	2023	0.37	ug/l #	1
89) n-Butylbenzene	12.39	91	4982	0.63	ug/l #	80
90) Hexachloroethane	12.67	117	3192	2.11	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	2354	0.43	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	12.98	75	301	0.41	ug/l #	1
95) Naphthalene	13.83	128	7924	0.71	ug/l #	65

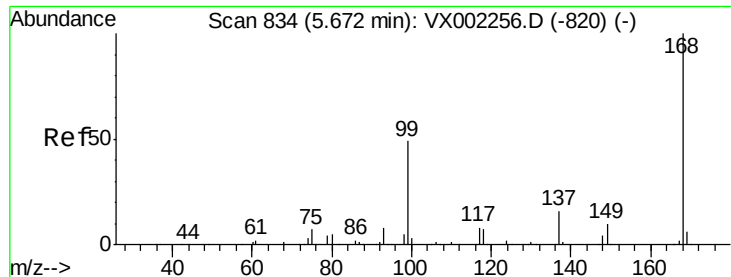
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002426.D

Acq: 09 Jun 2018 17:29

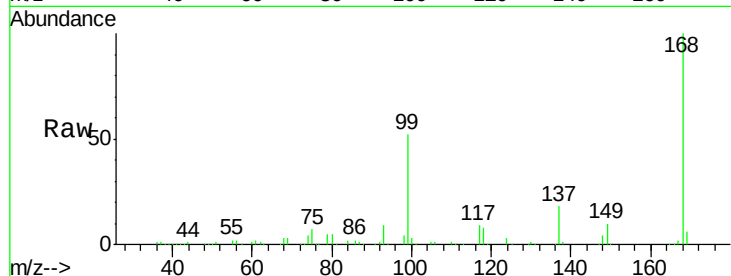
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 209049

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

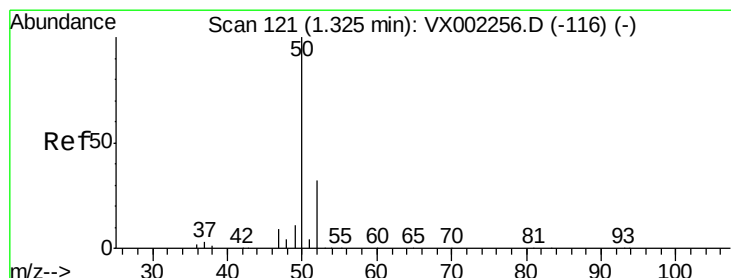
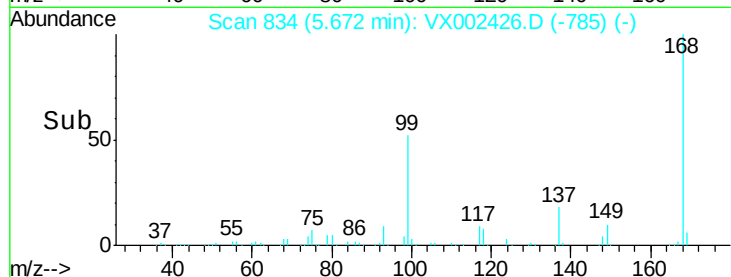
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002426.D

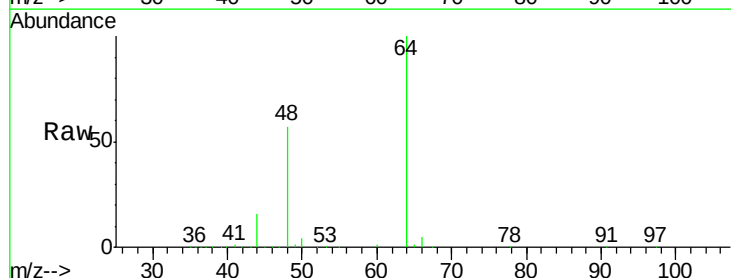
Acq: 09 Jun 2018 17:29

Tgt Ion: 50 Resp: 5162

Ion Ratio Lower Upper

50 100

52 10.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2000

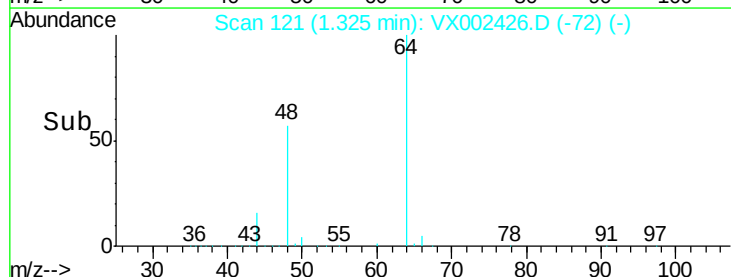
1500

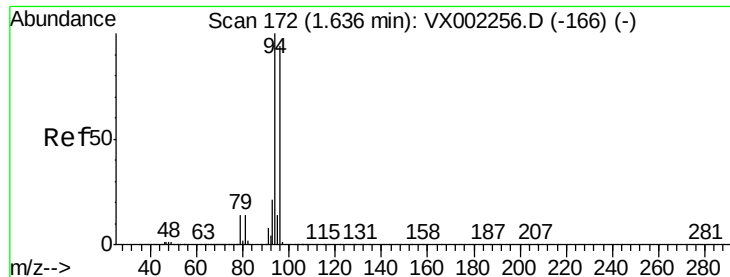
1000

500

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

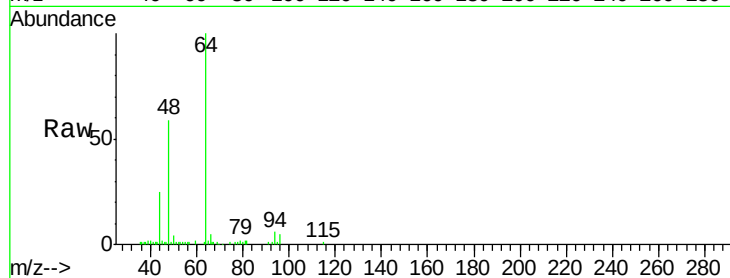
ClientSampled :

Tot Ion: 94 Resp: 1473

Ion Ratio Lower Upper

94 100

96 85.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

800

600

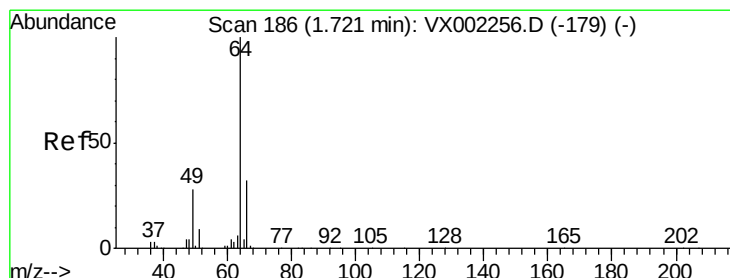
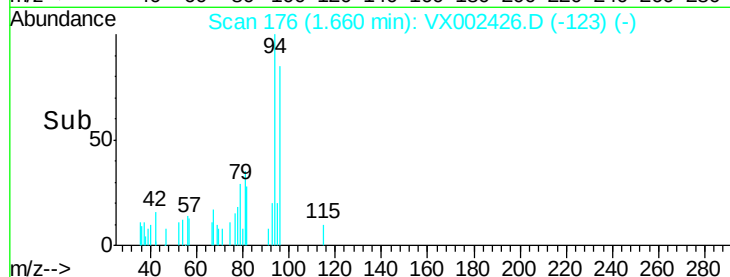
400

200

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 0.49 ug/l

RT: 1.94 min Scan# 222

Delta R.T. 0.22 min

Lab File: VX002426.D

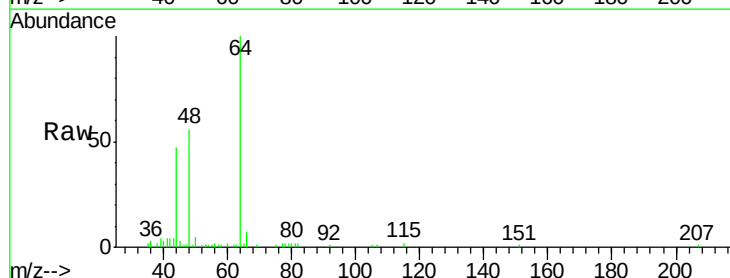
Acq: 09 Jun 2018 17:29

Tgt Ion: 64 Resp: 871

Ion Ratio Lower Upper

64 100

66 17.7 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.94

6000

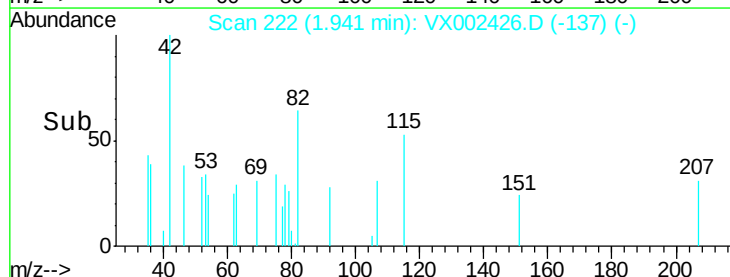
4000

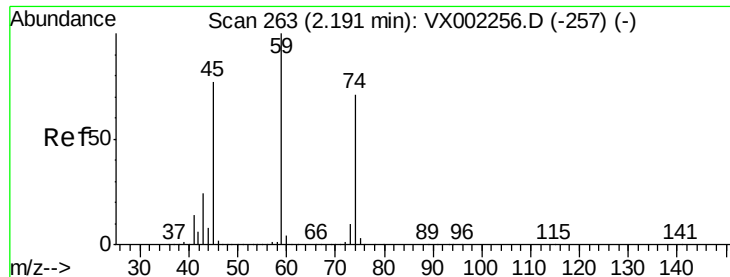
2000

0

1.92 1.94 1.96 1.98

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

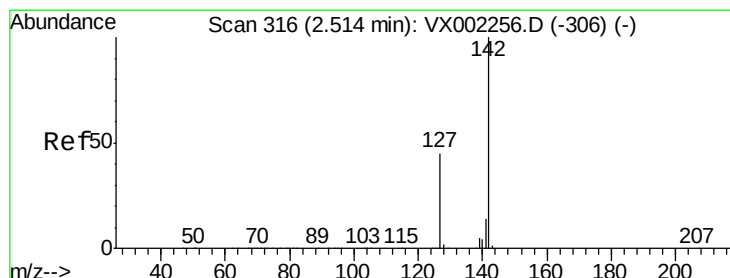
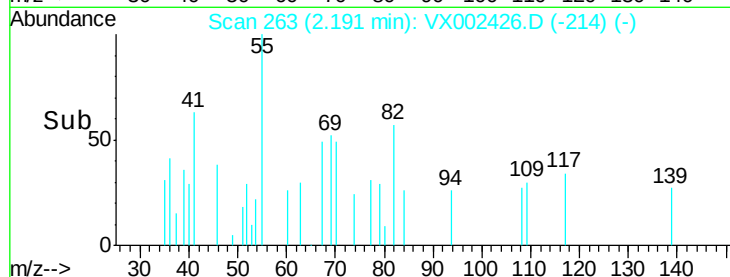
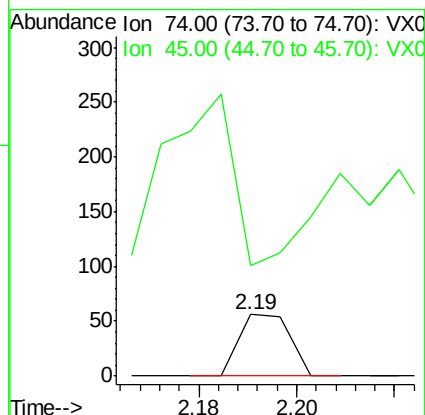
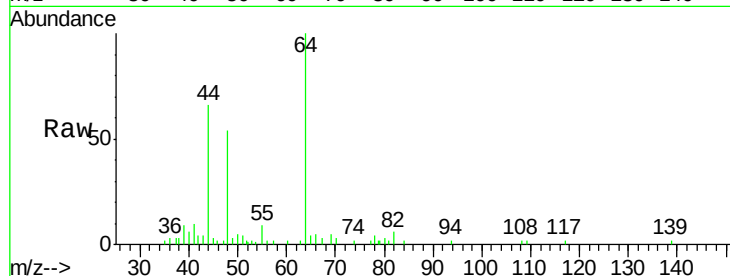
ClientSampled :

Tot Ion: 74 Resp: 40

Ion Ratio Lower Upper

74 100

45 0.0 53.1 159.4#



#10

Methyl Iodide

Concen: 0.47 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

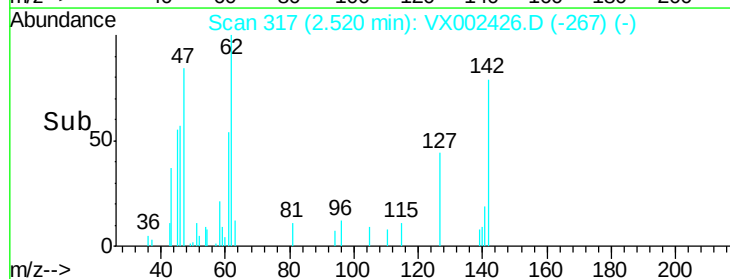
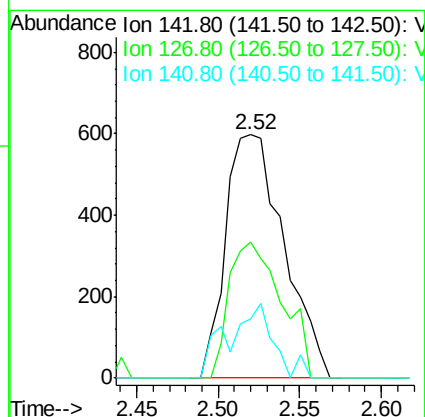
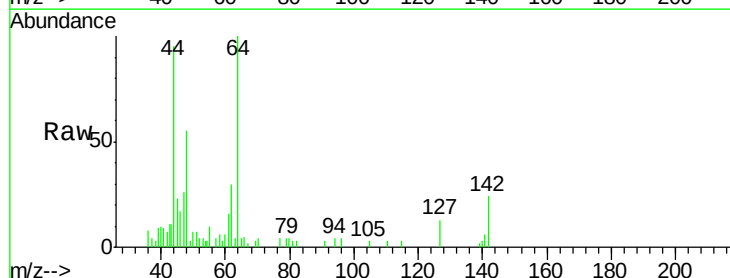
Tgt Ion: 142 Resp: 1487

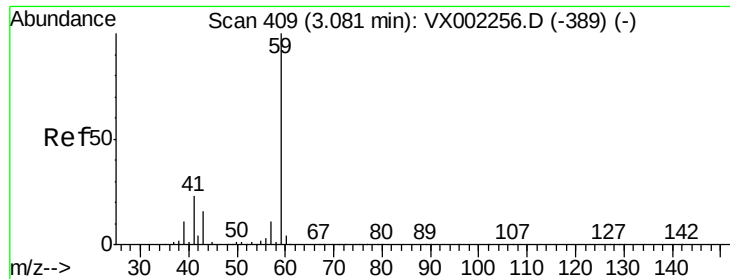
Ion Ratio Lower Upper

142 100

127 50.4 36.6 55.0

141 16.8 11.3 16.9

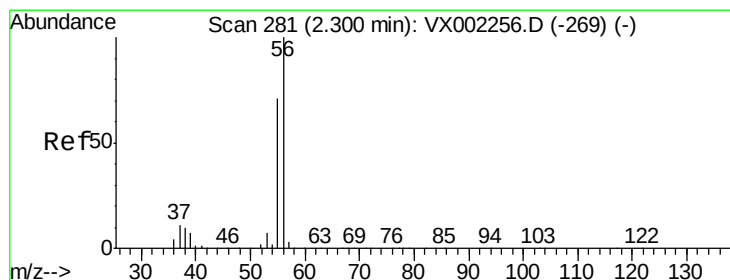
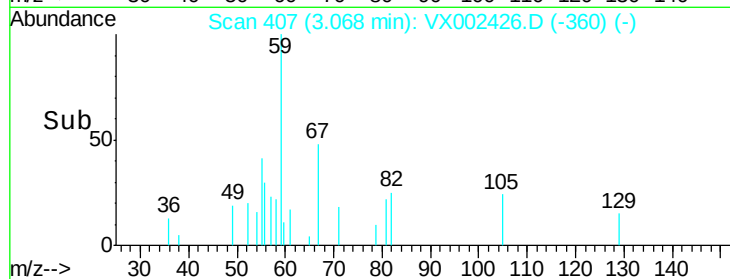
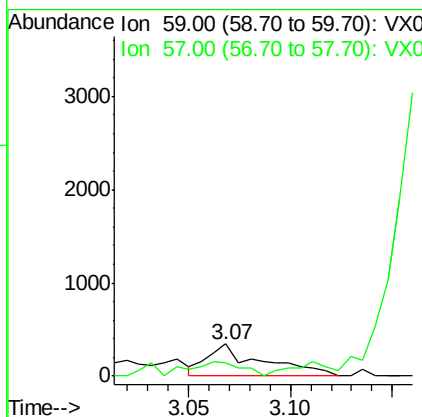
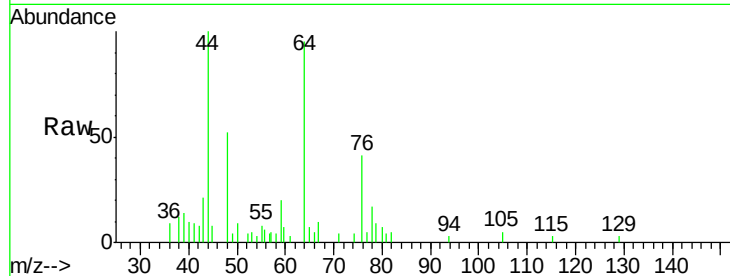




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

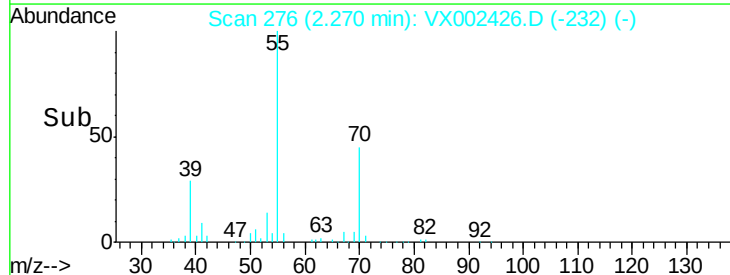
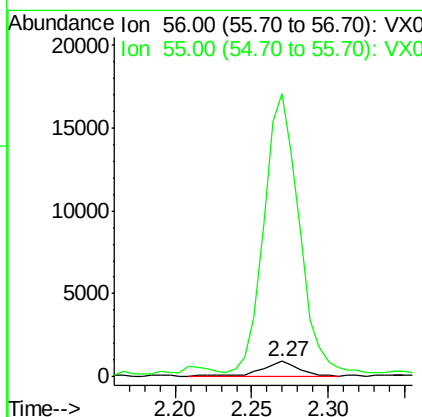
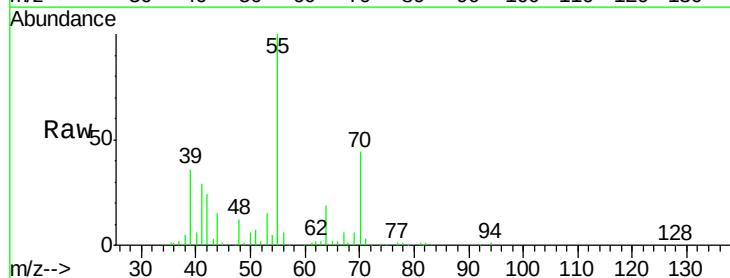
Instrument :
MSVOA_X
ClientSampleId :

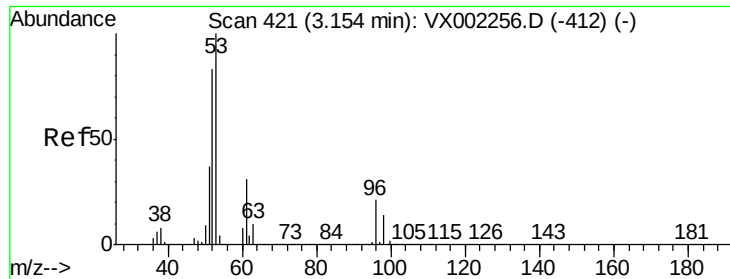
Tot Ion: 59 Resp: 643
Ion Ratio Lower Upper
59 100
57 43.1 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.27 min Scan# 276
Delta R.T. -0.03 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion: 56 Resp: 1497
Ion Ratio Lower Upper
56 100
55 1798.6 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

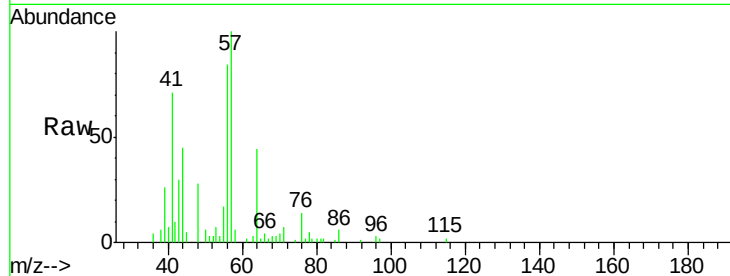
Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

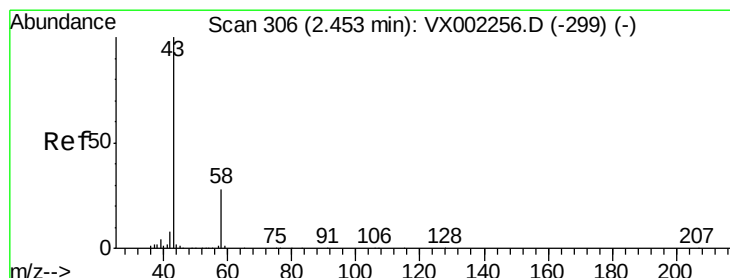
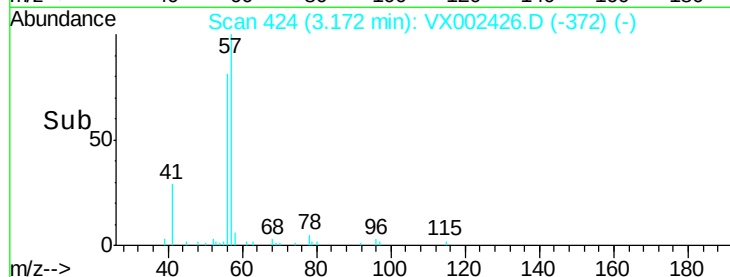
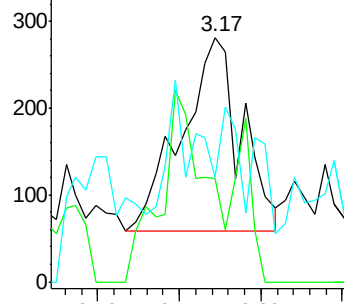
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 560

Ion	Ratio	Lower	Upper
53	100		
52	24.1	66.7	100.1#
51	0.0	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: 73.15 ug/l

RT: 2.45 min Scan# 305

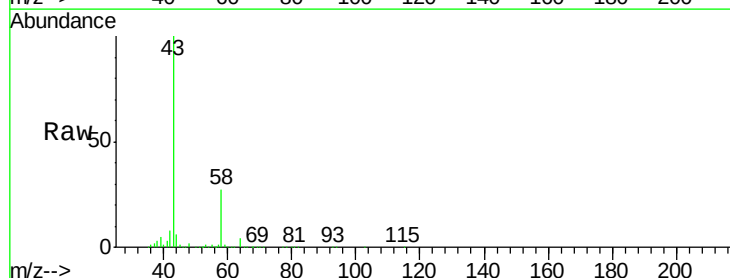
Delta R.T. -0.01 min

Lab File: VX002426.D

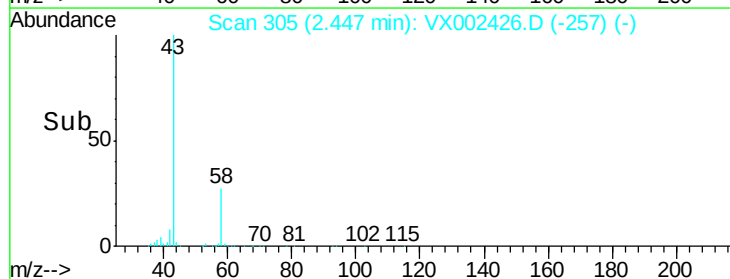
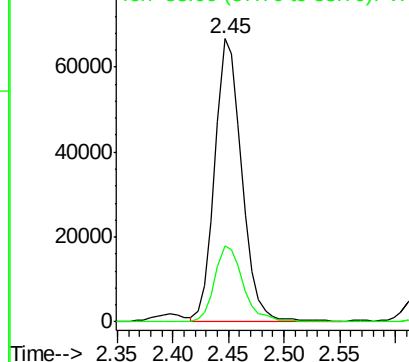
Acq: 09 Jun 2018 17:29

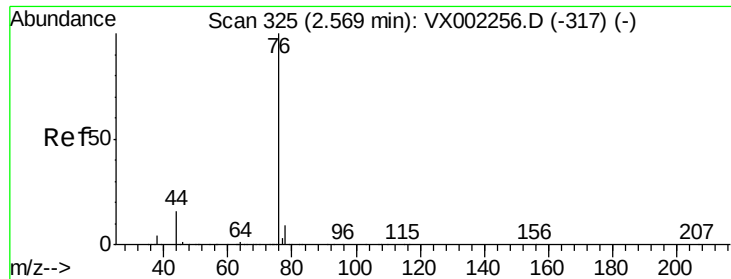
Tgt Ion: 43 Resp: 111478

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.1	33.1



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

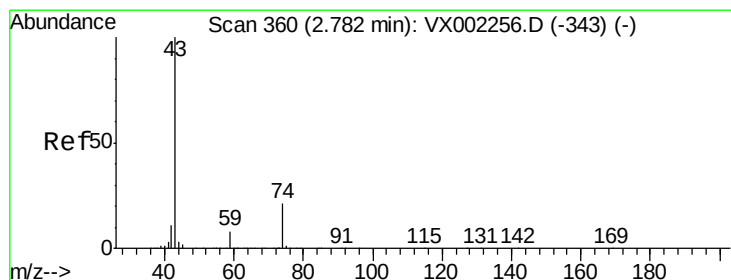
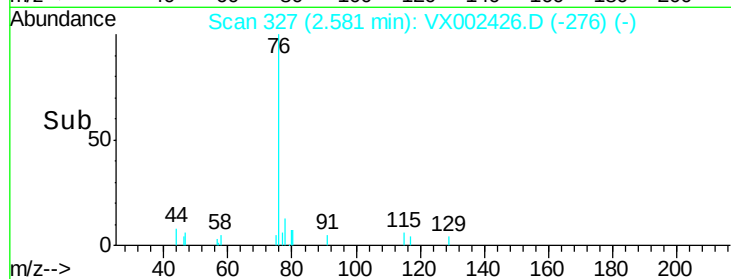
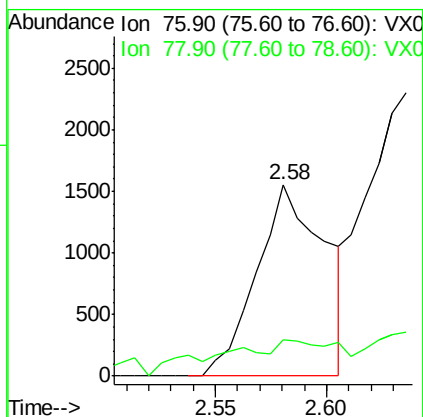
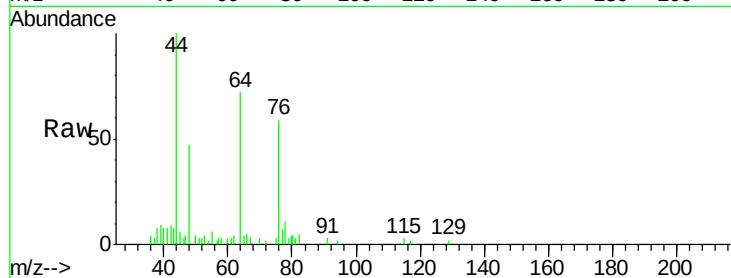




#17
Carbon Disulfide
Concen: 0.56 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

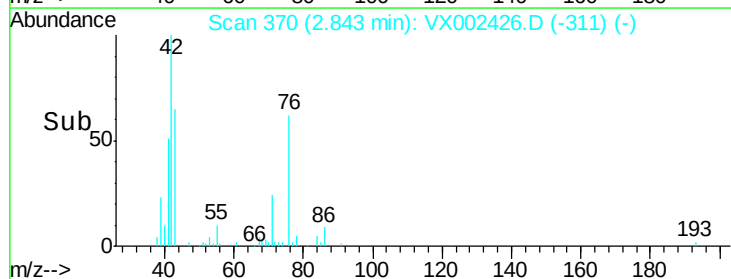
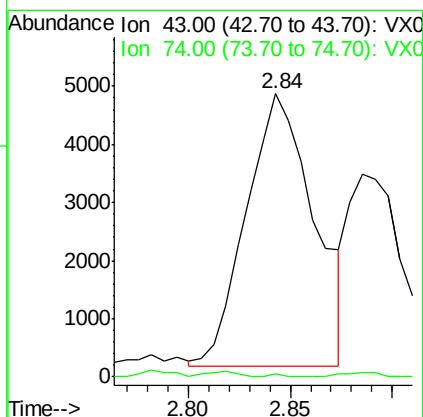
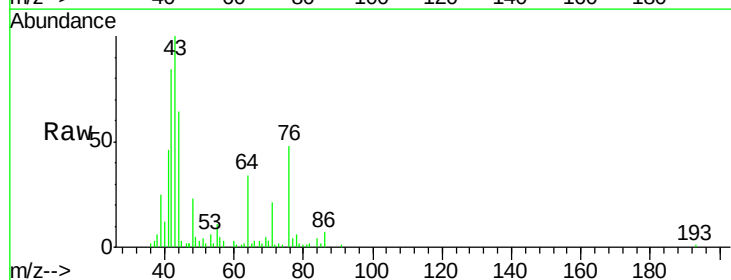
Instrument :
MSVOA_X
ClientSampled :

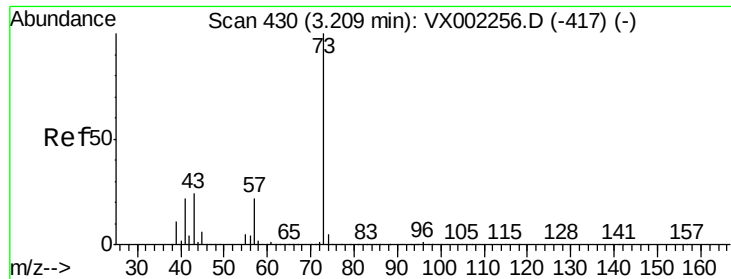
Tot Ion: 76 Resp: 3301
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#18
Methyl Acetate
Concen: 0.97 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion: 43 Resp: 10836
Ion Ratio Lower Upper
43 100
74 0.2 16.7 25.1#

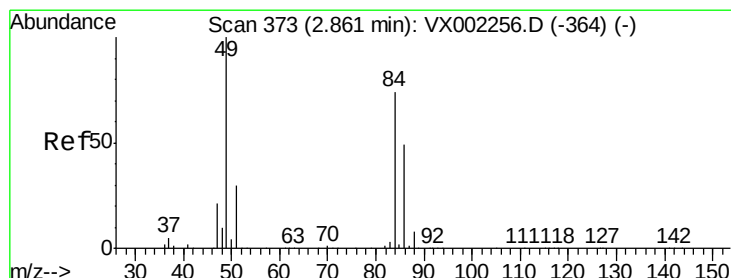
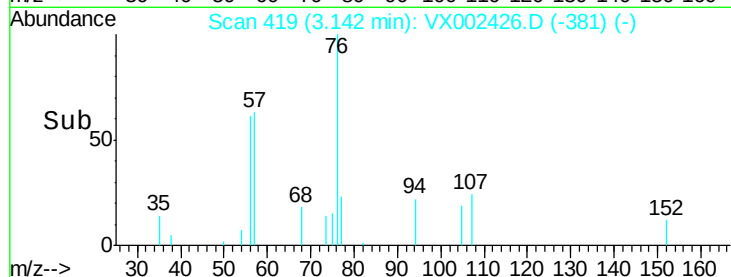
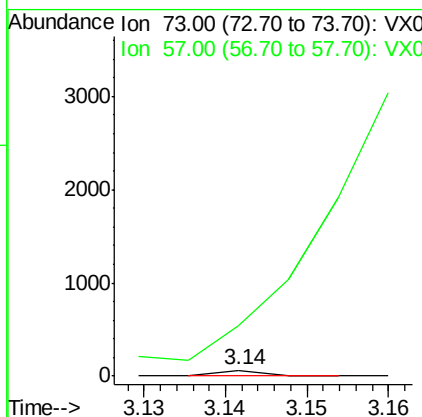
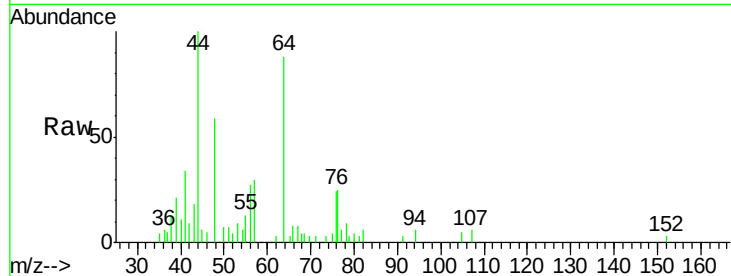




#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.14 min Scan# 419
Delta R.T. -0.07 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

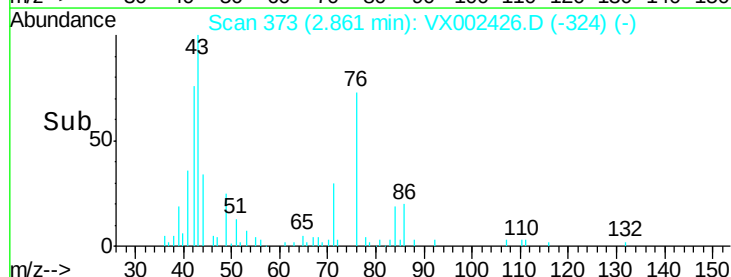
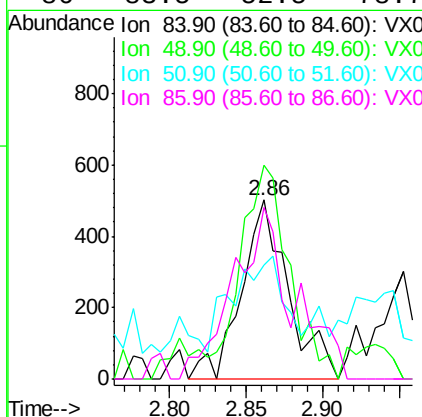
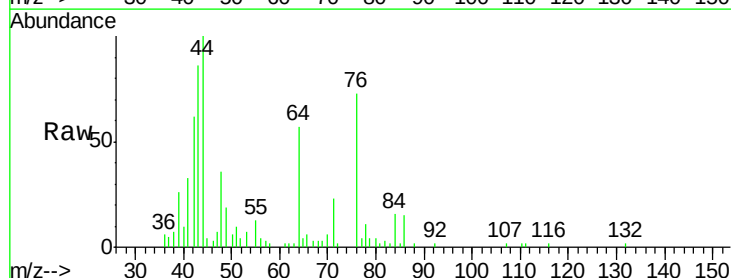
Instrument :
MSVOA_X
ClientSampled :

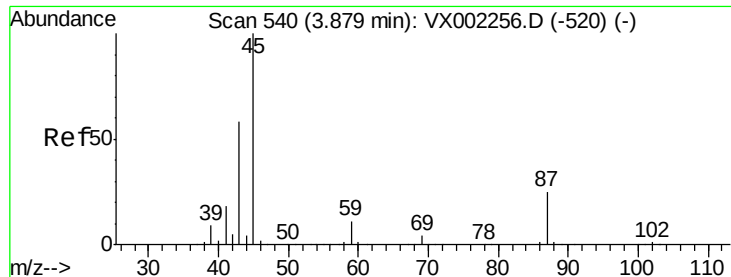
Tot Ion: 73 Resp: 23
Ion Ratio Lower Upper
73 100
57 573.4 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion: 84 Resp: 1070
Ion Ratio Lower Upper
84 100
49 119.3 107.8 161.6
51 39.0 32.8 49.2
86 83.5 52.5 78.7#



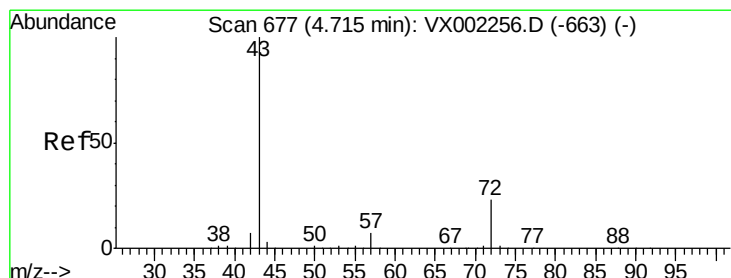
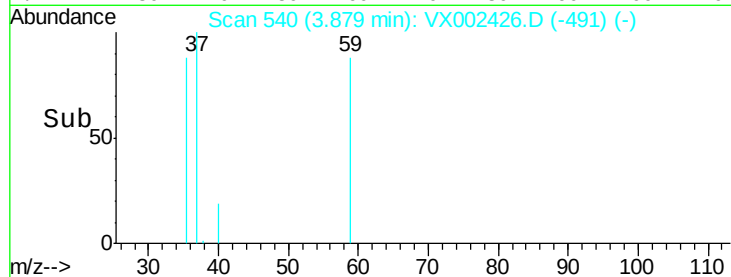
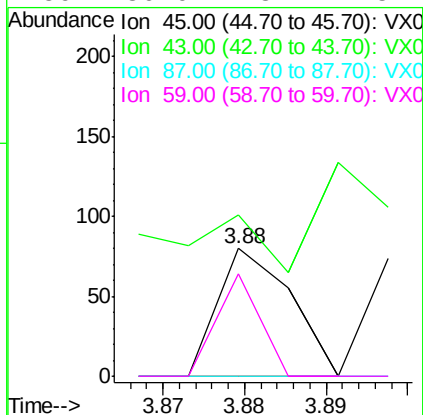
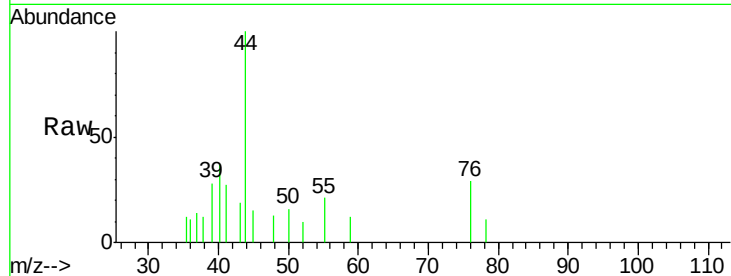


#22

Diisopropyl ether
Concen: Below Cal
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Instrument :
MSVOA_X
ClientSampled :

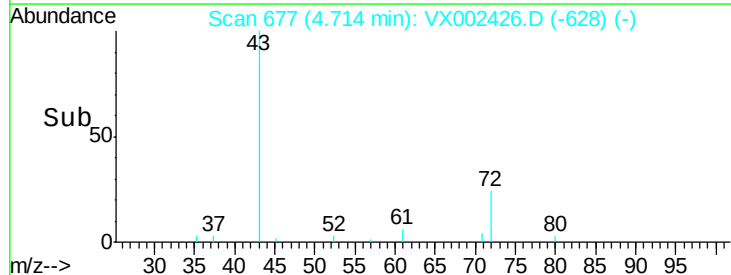
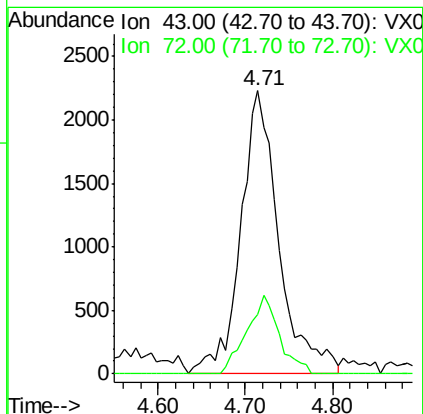
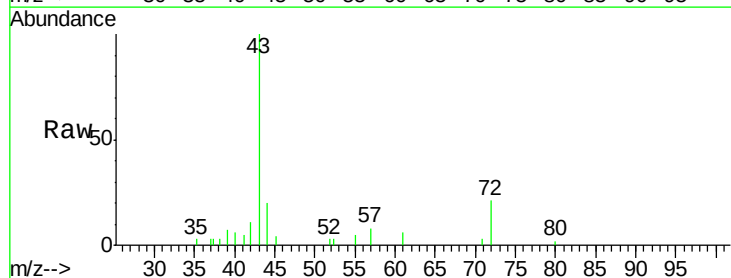
Tot Ion:	45	Resp:	49
Ion	Ratio	Lower	Upper
45	100		
43	23.8	46.8	70.2#
87	0.0	20.2	30.4#
59	80.0	8.7	13.1#

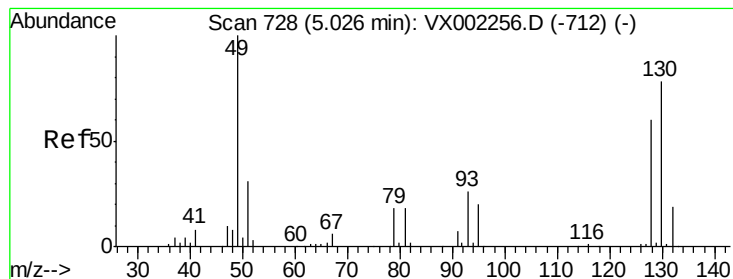


#25

2-Butanone
Concen: 3.31 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion:	43	Resp:	6777
Ion	Ratio	Lower	Upper
43	100		
72	20.8	18.5	27.7





#28

Bromochloromethane

Concen: Below Cal

RT: 5.06 min Scan# 734

Delta R.T. 0.04 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

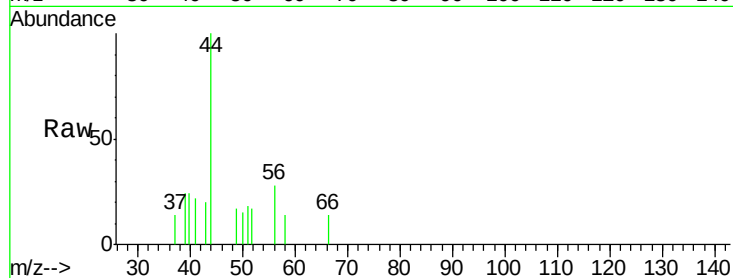
Tot Ion: 49 Resp: 25

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

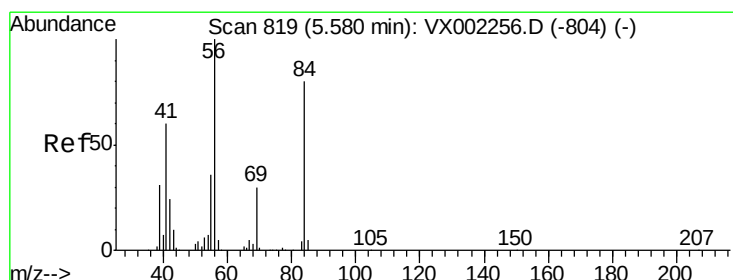
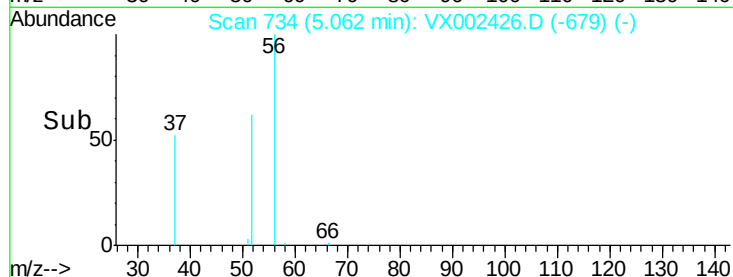
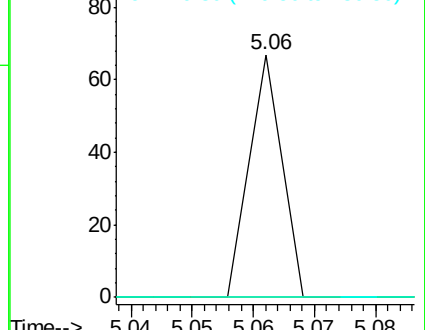
130 0.0 61.2 91.8#



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



#31

Cyclohexane

Concen: 1.86 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

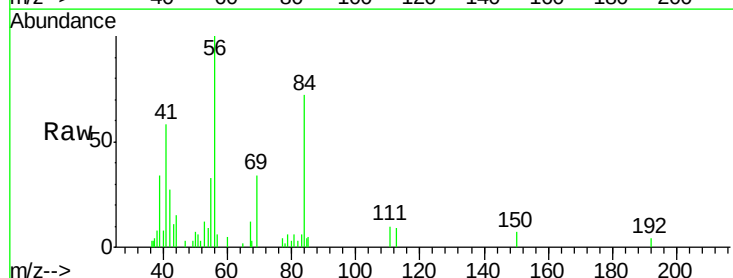
Tgt Ion: 56 Resp: 7009

Ion Ratio Lower Upper

56 100

69 31.6 23.7 35.5

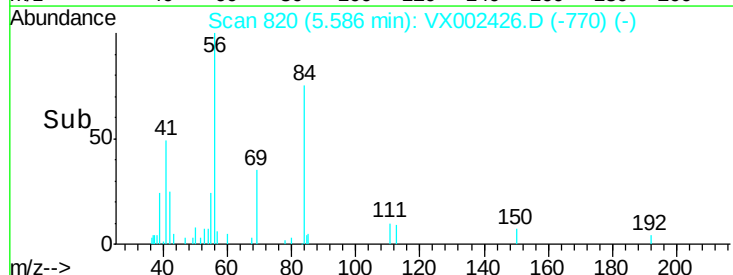
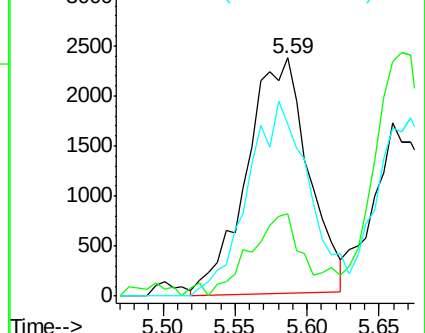
84 74.2 64.1 96.1

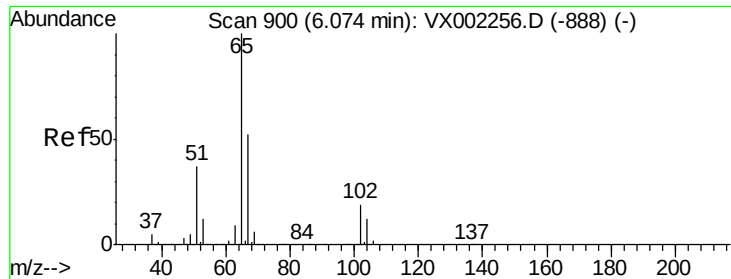


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

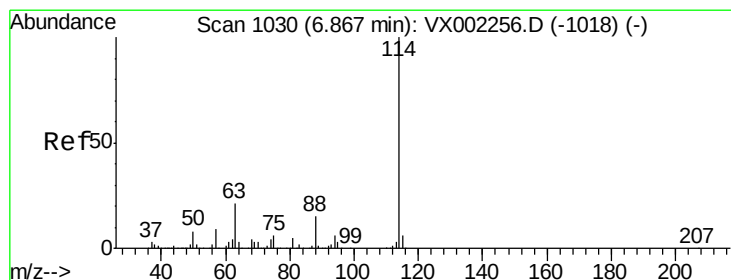
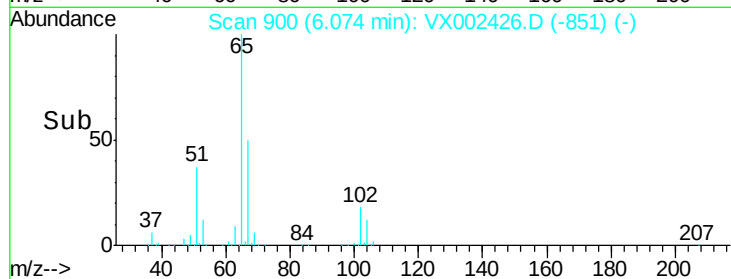
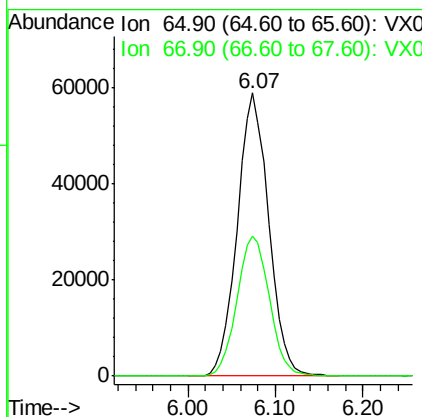
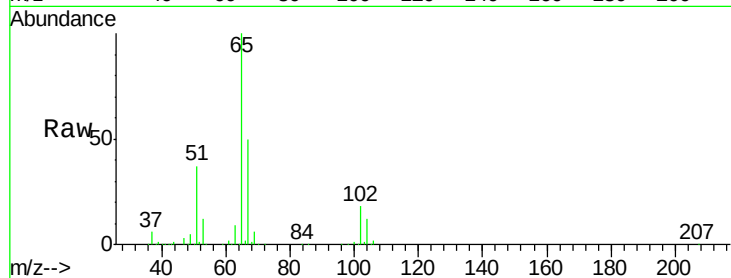




#33
 1,2-Dichloroethane-d4
 Concen: 49.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

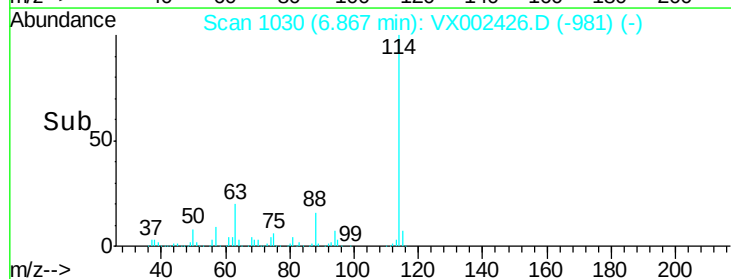
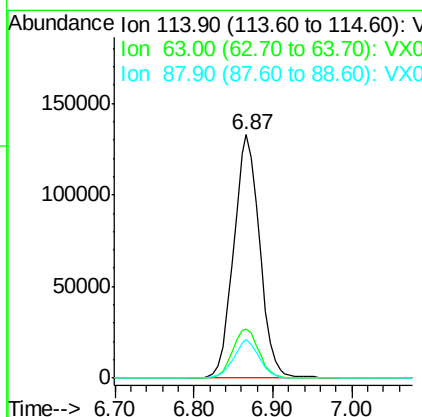
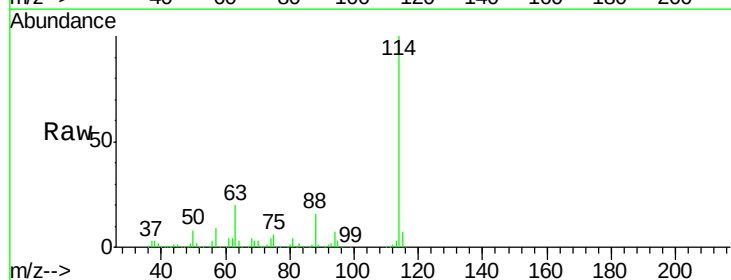
Instrument :
 MSVOA_X
 ClientSampleId :

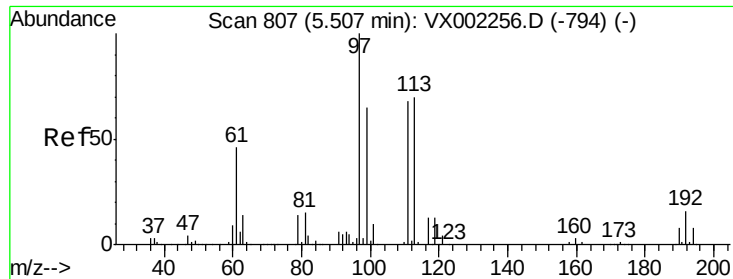
Tot Ion: 65 Resp: 146942
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

Tgt Ion: 114 Resp: 304054
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.15 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :
MSVOA_X
ClientSampled :

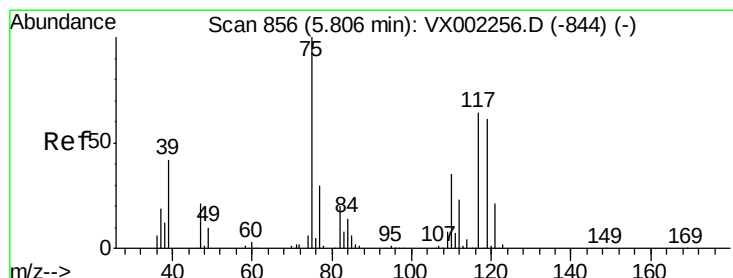
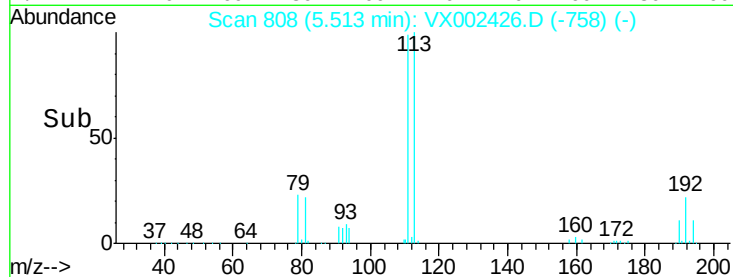
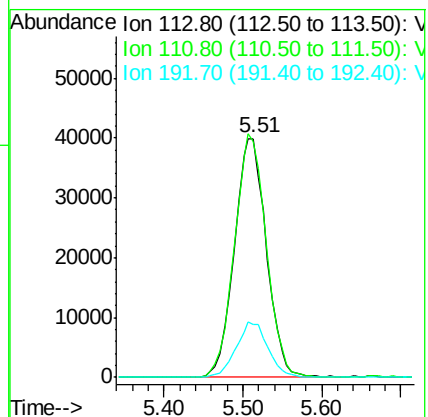
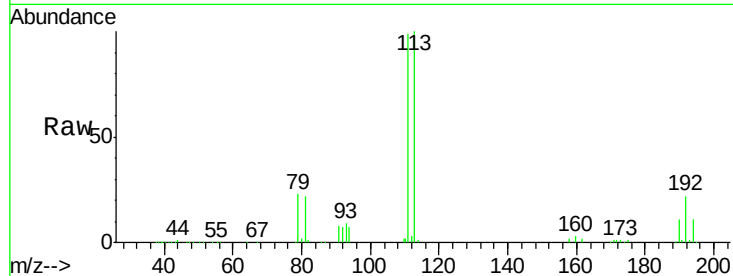
Tot Ion:113 Resp: 112750

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 22.9 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

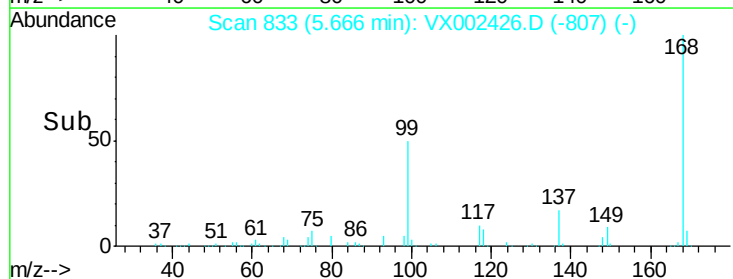
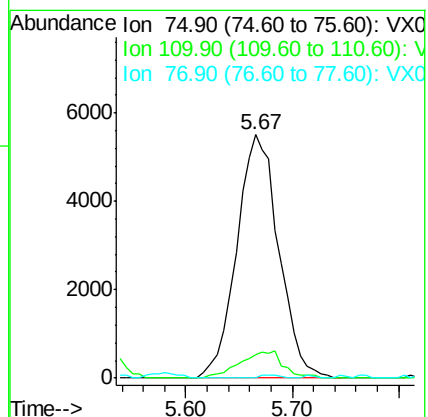
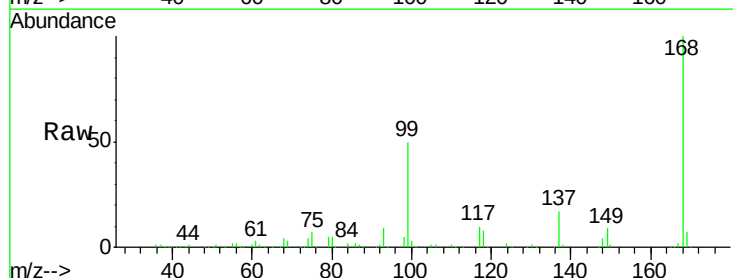
Tgt Ion: 75 Resp: 15222

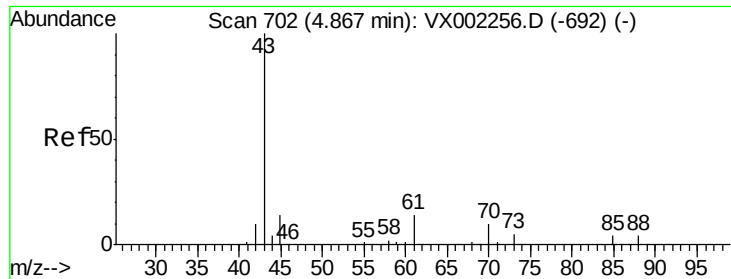
Ion Ratio Lower Upper

75 100

110 11.4 18.1 54.4#

77 0.6 24.3 36.5#

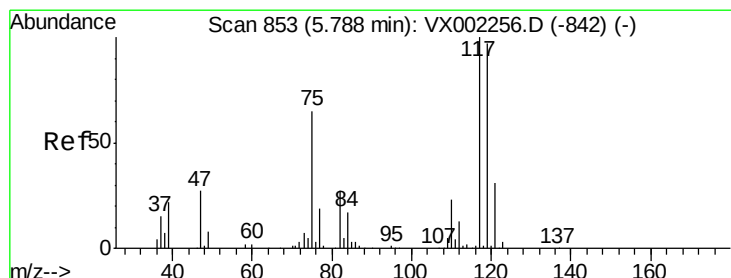
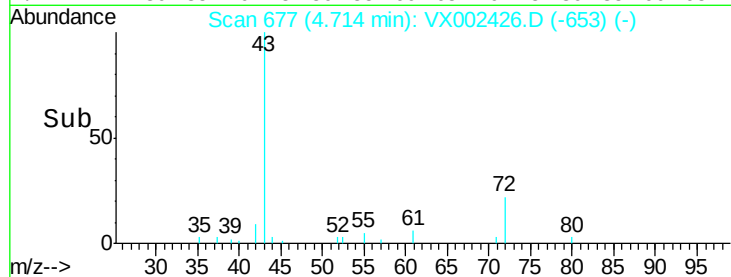
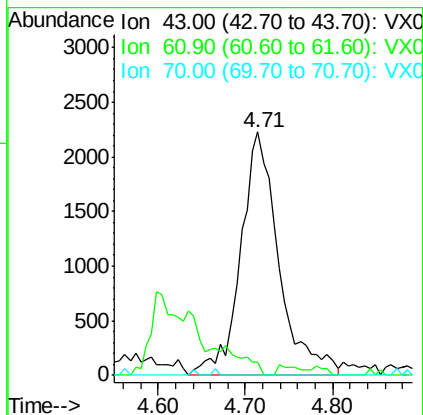
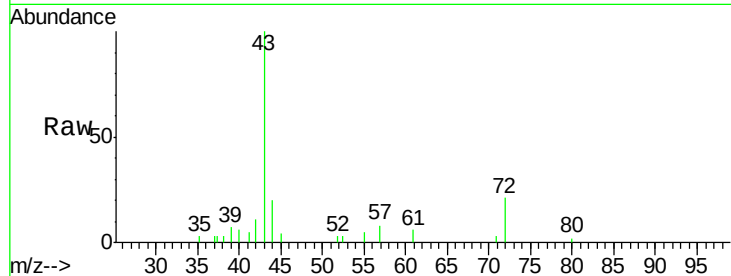




#37
Ethyl Acetate
Concen: 1.76 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

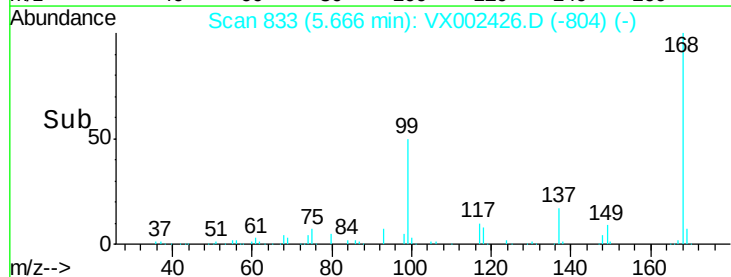
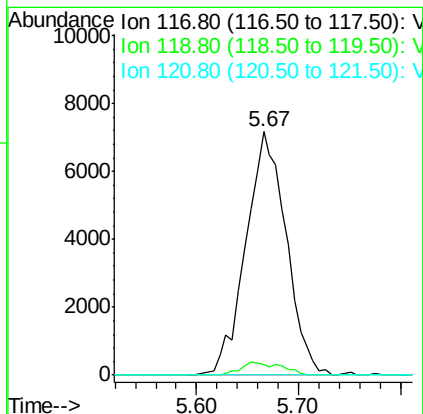
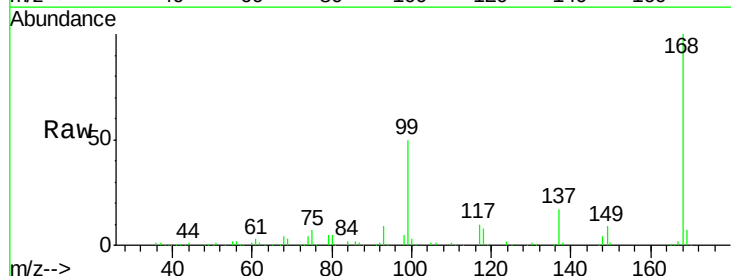
Instrument :
MSVOA_X
ClientSampleId :

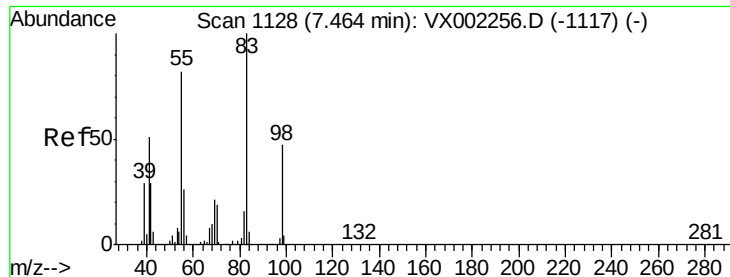
Tot Ion: 43 Resp: 6777
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion: 117 Resp: 19715
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.0#
121 0.0 24.4 36.6#

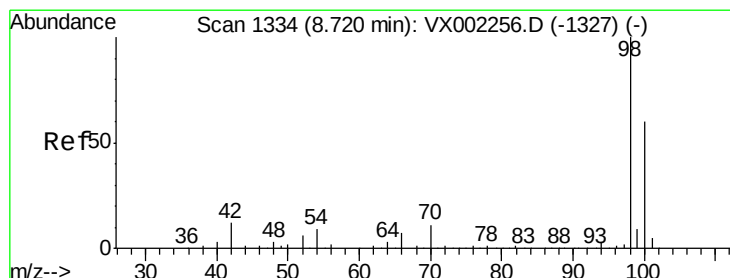
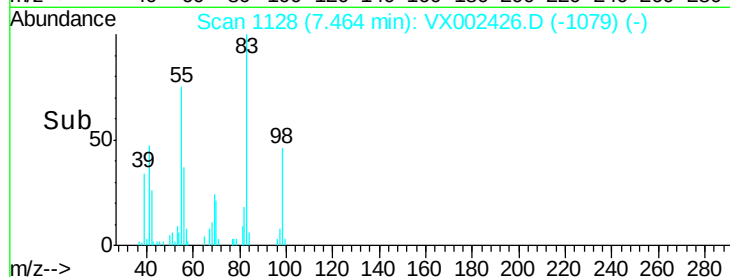
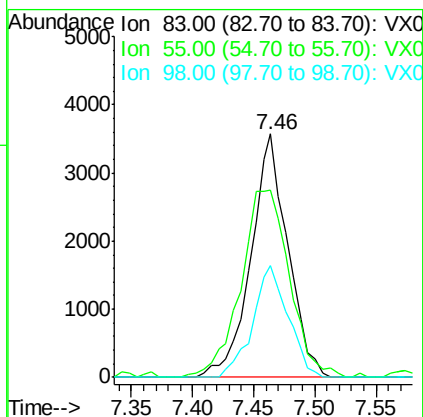
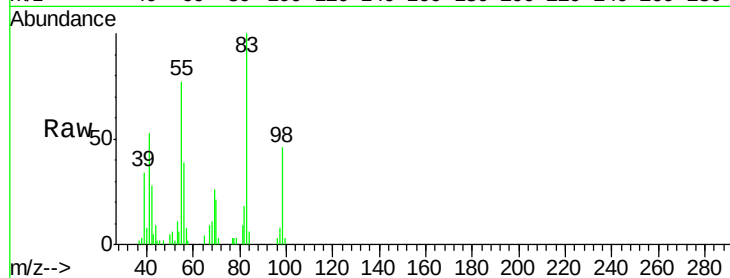




#39
Methylvlcyclohexane
Concen: 2.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

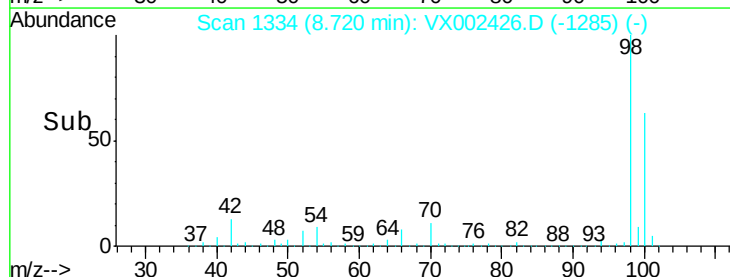
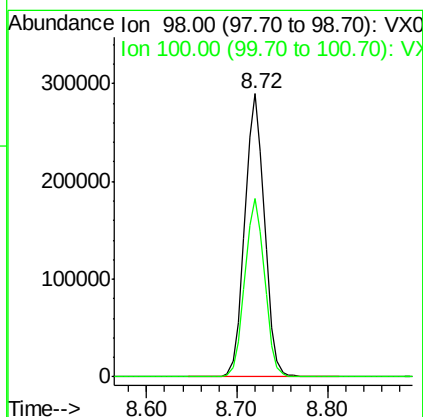
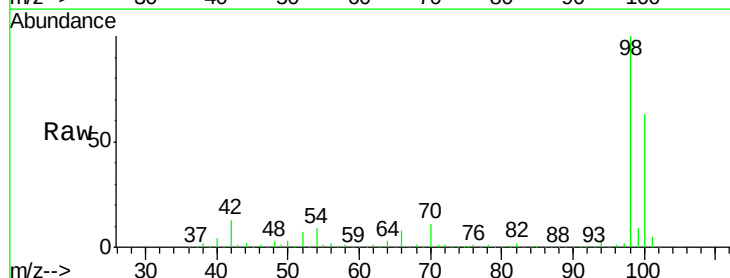
Instrument :
MSVOA_X
ClientSampleId :

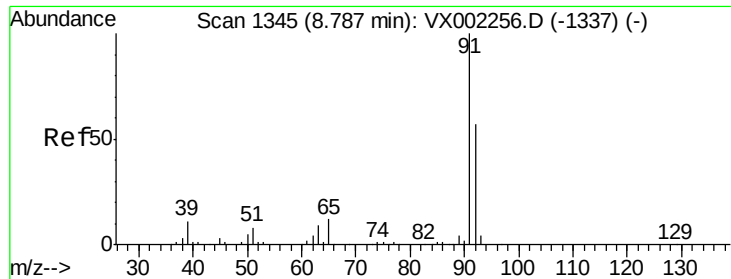
Tot Ion: 83 Resp: 7492
Ion Ratio Lower Upper
83 100
55 75.4 65.4 98.0
98 45.9 37.4 56.0



#50
Toluene-d8
Concen: 47.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion: 98 Resp: 436036
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#52

Toluene

Concen: 0.53 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

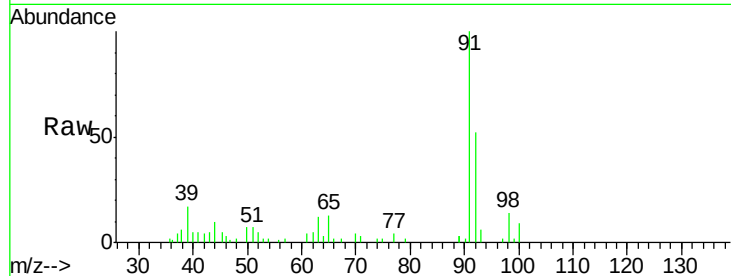
ClientSampled :

Tot Ion: 92 Resp: 3324

Ion Ratio Lower Upper

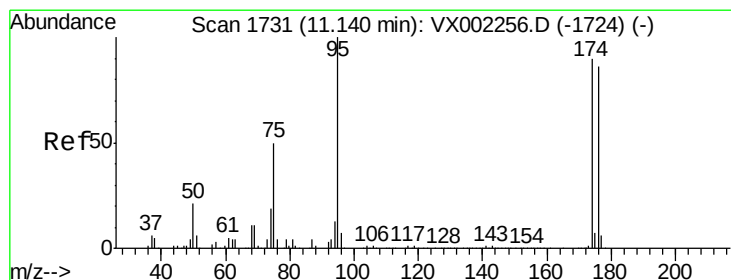
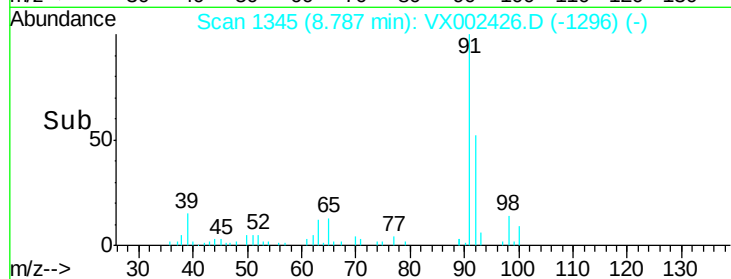
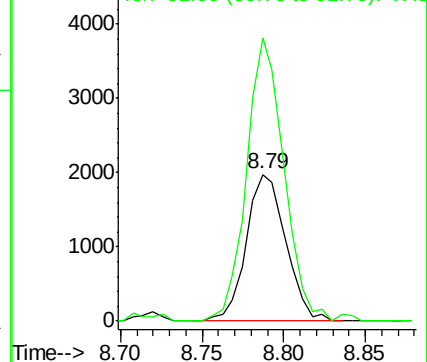
92 100

91 184.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

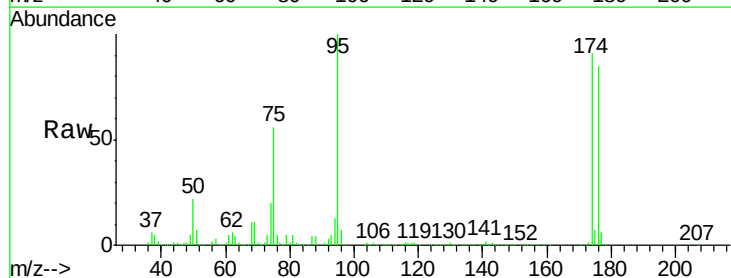
Tgt Ion: 95 Resp: 151034

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

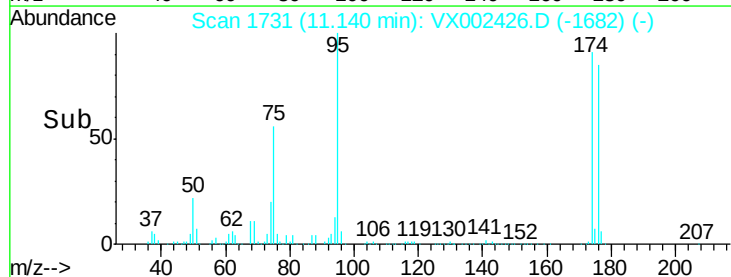
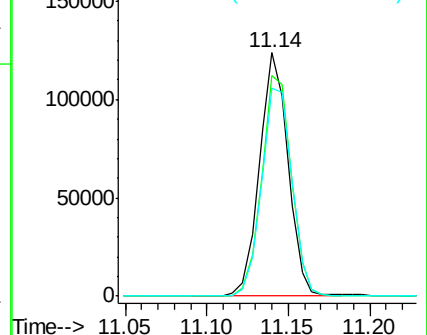
176 91.1 0.0 181.0

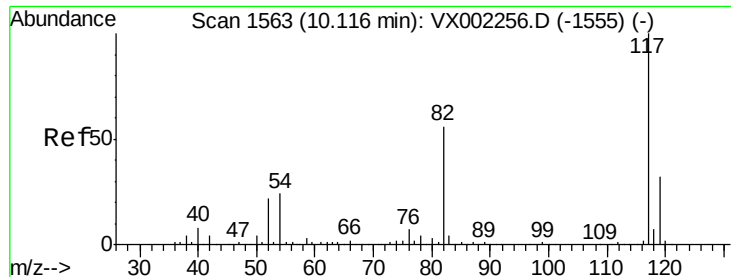


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

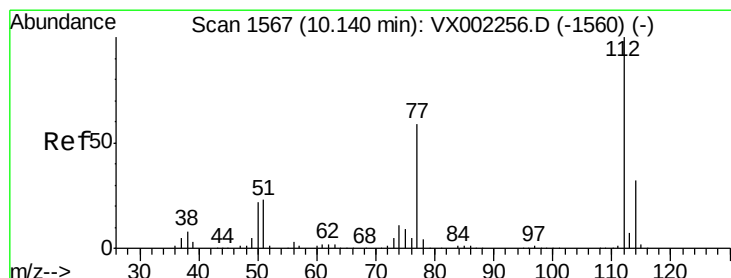
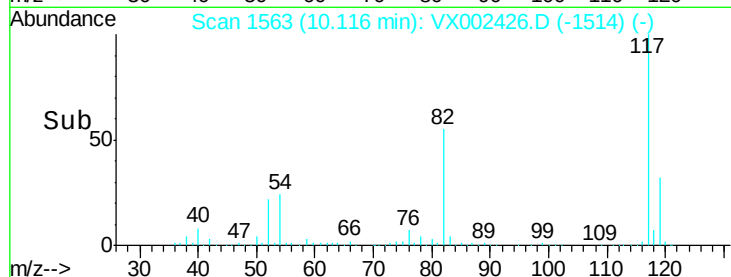
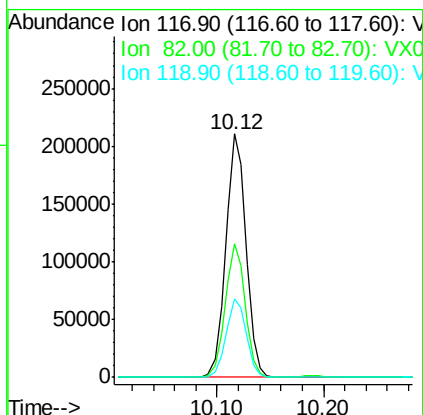
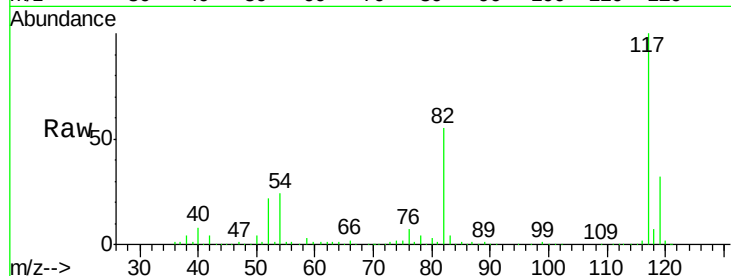




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

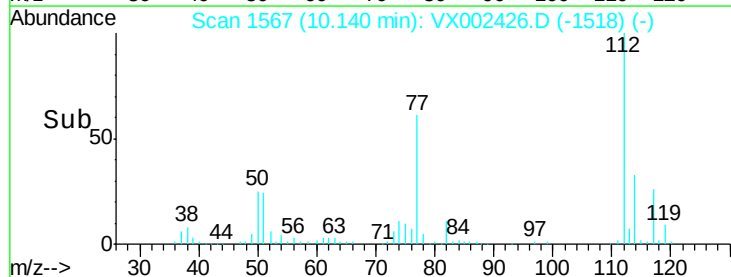
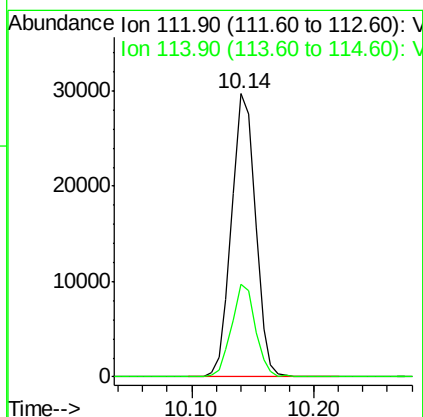
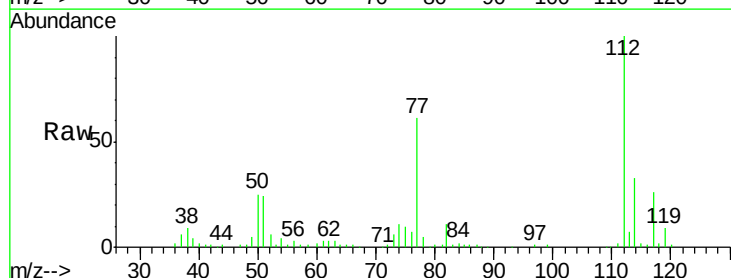
Instrument :
MSVOA_X
ClientSampleId :

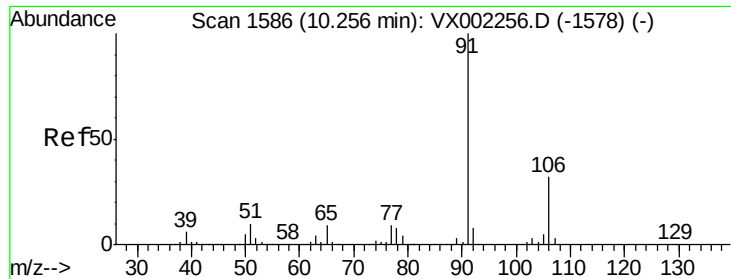
Tot Ion:117 Resp: 278684
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.4 25.8 38.6



#65
Chlorobenzene
Concen: 5.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion:112 Resp: 40216
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

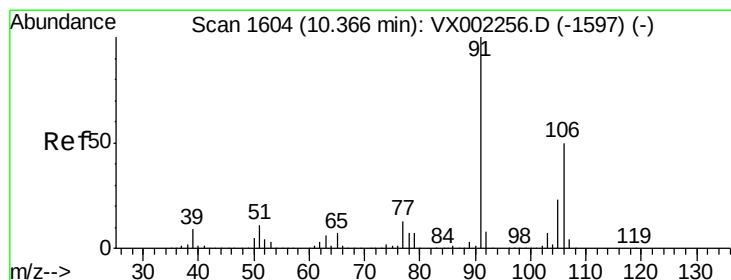
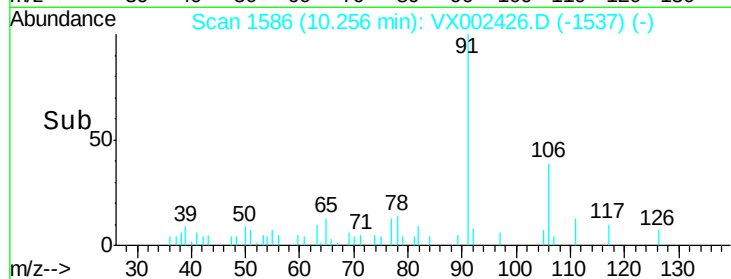
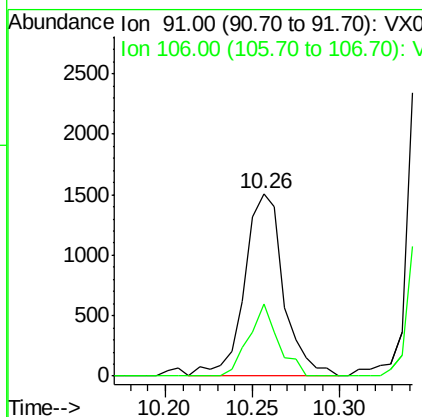
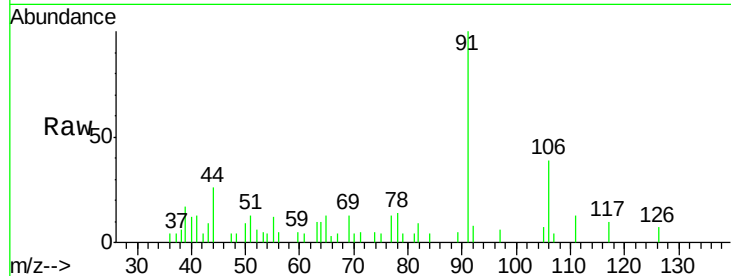




#67
Ethyl Benzene
Concen: 0.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

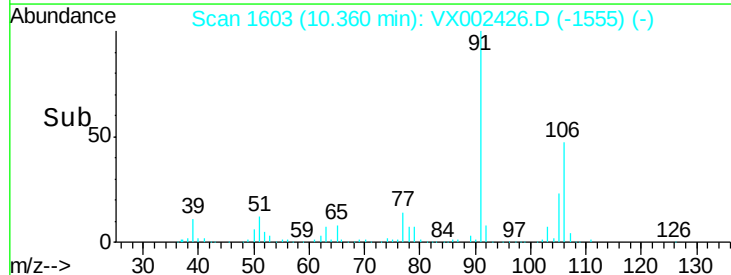
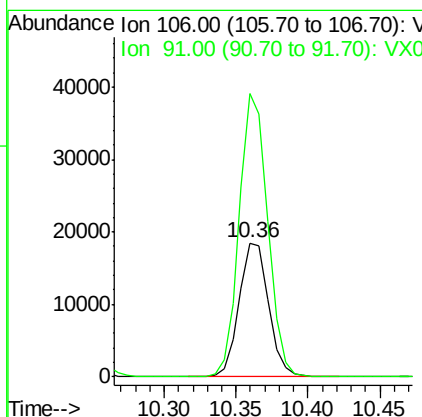
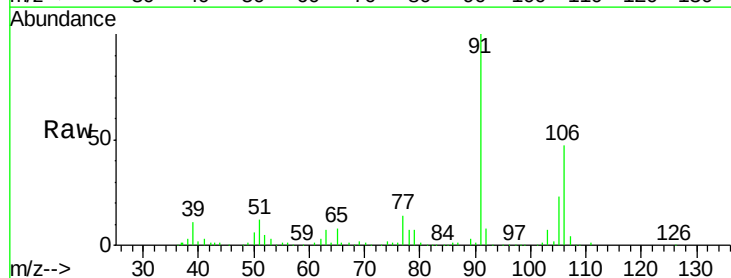
Instrument :
MSVOA_X
ClientSampled :

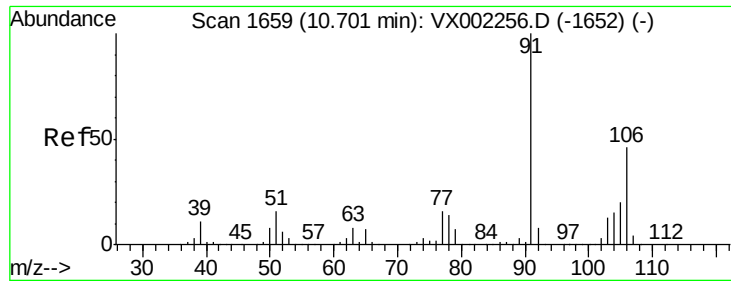
Tot Ion: 91 Resp: 2355
Ion Ratio Lower Upper
91 100
106 39.3 25.5 38.3#



#68
m/p-Xylenes
Concen: 5.83 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion: 106 Resp: 26306
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2

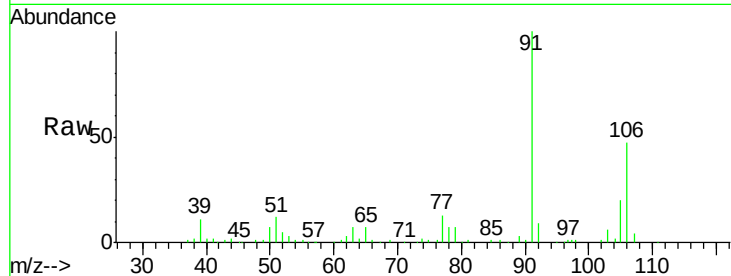




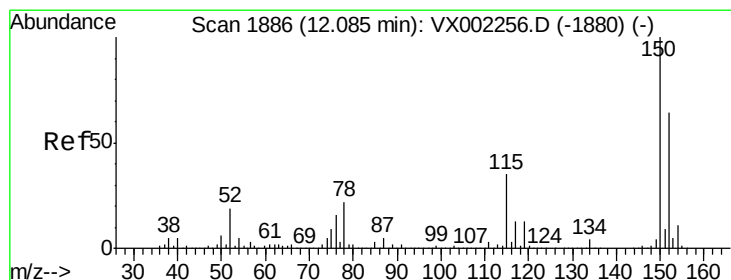
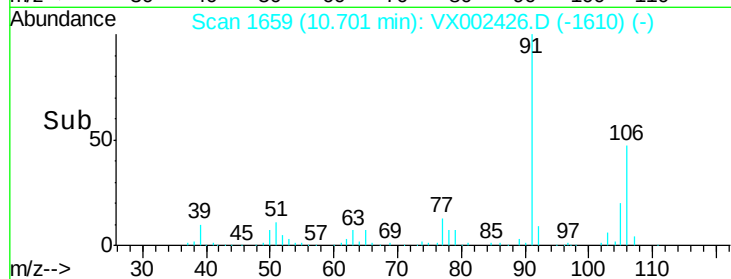
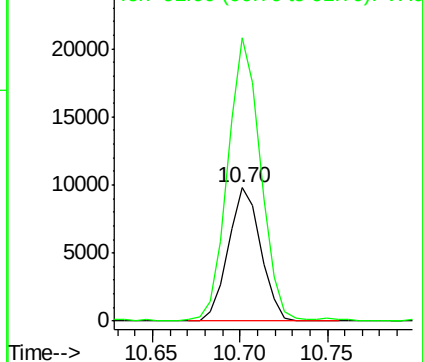
#69
o-Xylene
Concen: 2.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 12703
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6

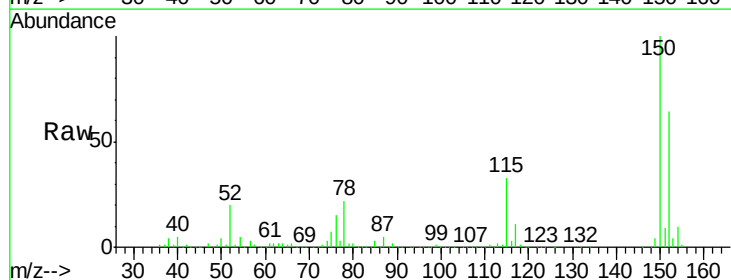


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

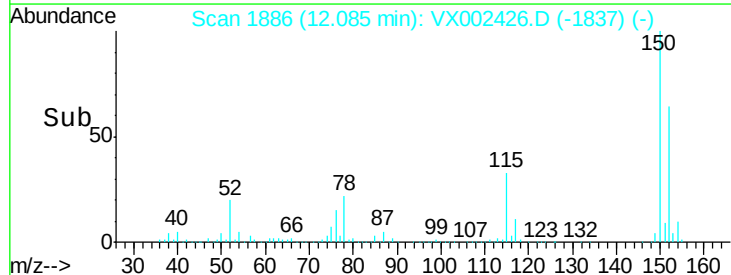
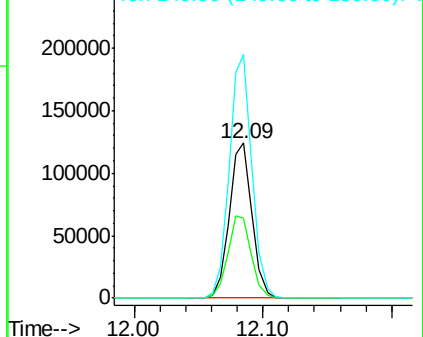


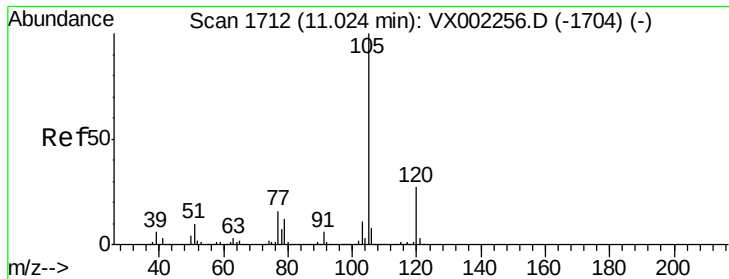
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002426.D
Acq: 09 Jun 2018 17:29

Tgt Ion:152 Resp: 152586
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 157.3 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: 1.54 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

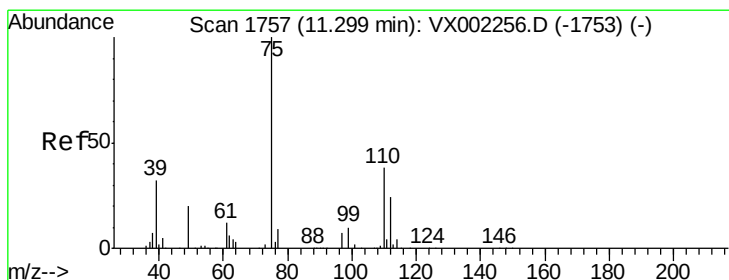
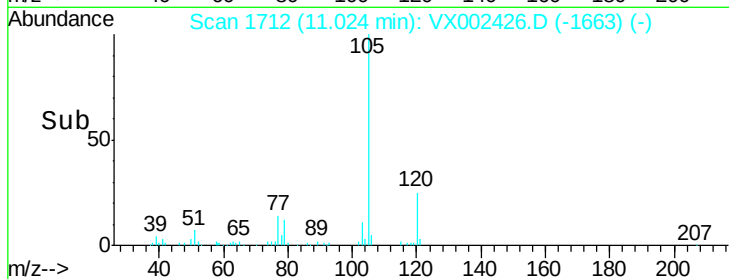
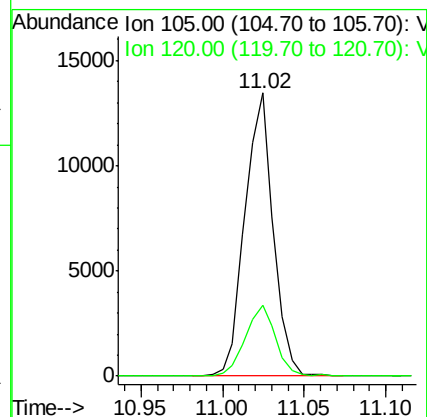
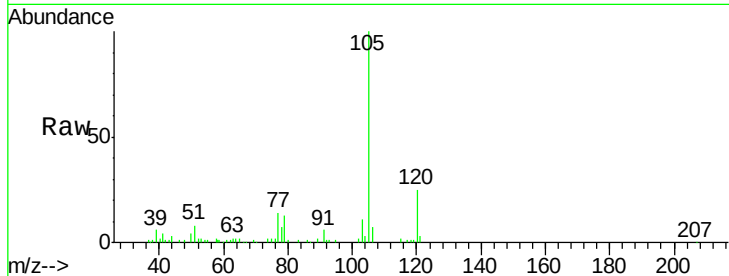
ClientSampled :

Tot Ion:105 Resp: 16308

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 24.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002426.D

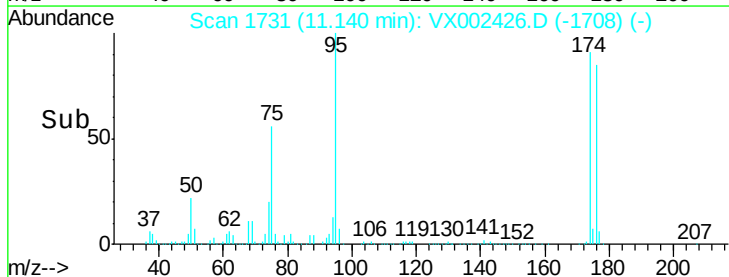
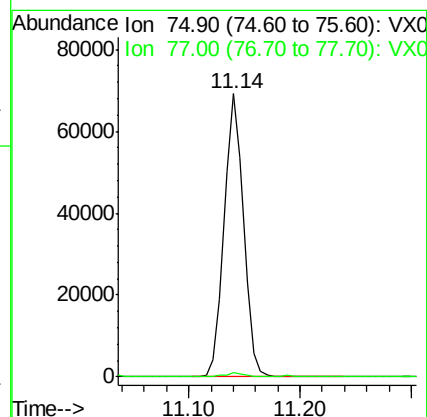
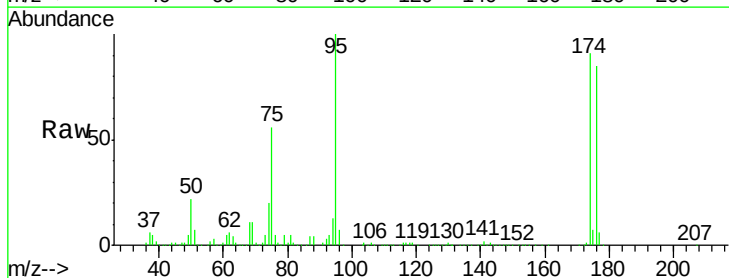
Acq: 09 Jun 2018 17:29

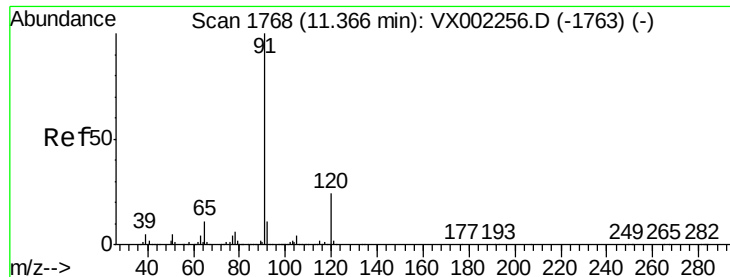
Tgt Ion: 75 Resp: 83237

Ion Ratio Lower Upper

75 100

77 1.5 22.8 68.3#





#78

n-propylbenzene

Concen: 2.04 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

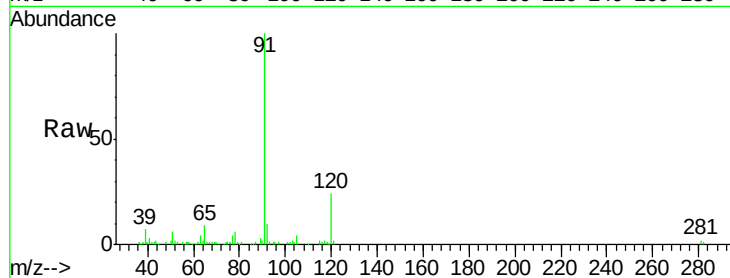
ClientSampleId :

Tot Ion: 91 Resp: 24041

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

20000

15000

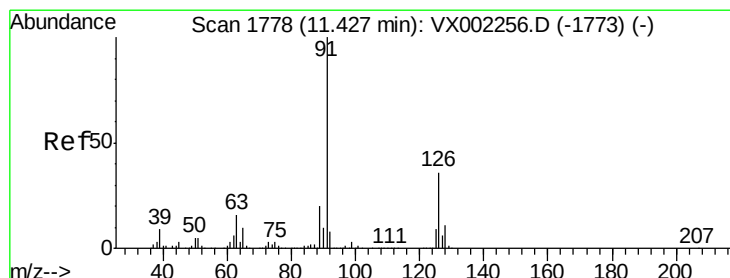
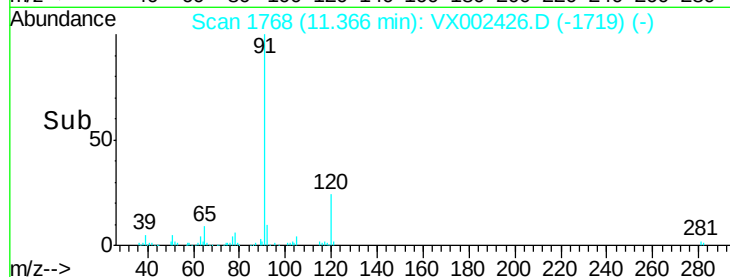
10000

5000

0

11.30 11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 0.26 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX002426.D

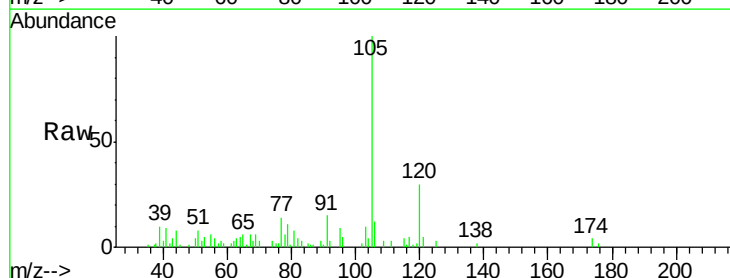
Acq: 09 Jun 2018 17:29

Tgt Ion: 91 Resp: 1916

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

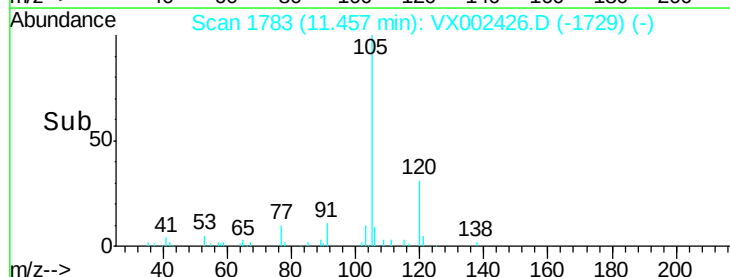
10000

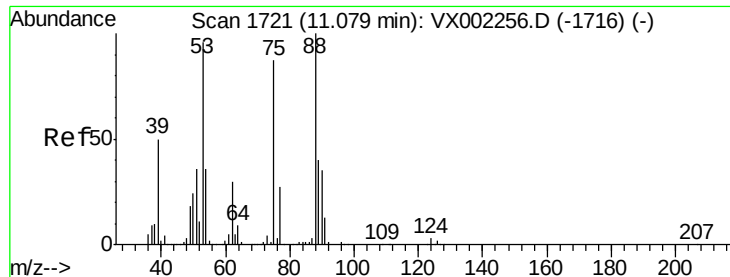
5000

0

11.40 11.45 11.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 87.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

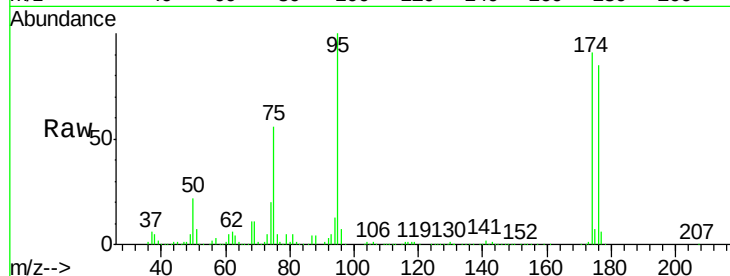
Tot Ion: 75 Resp: 83237

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

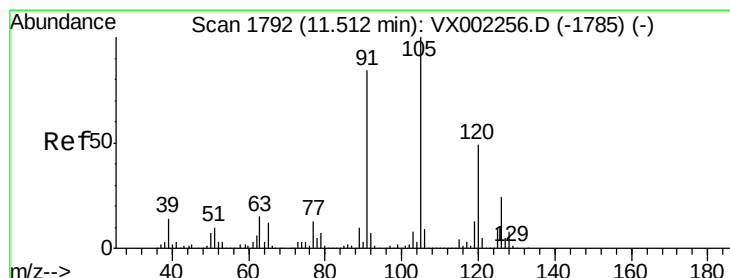
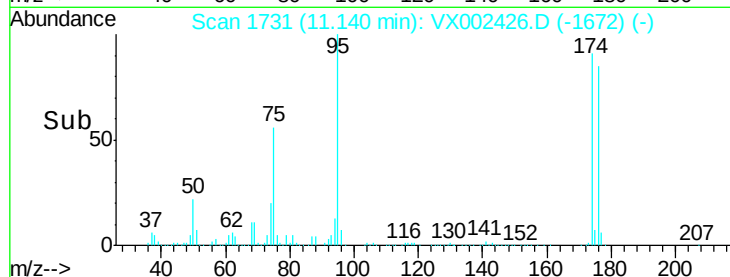
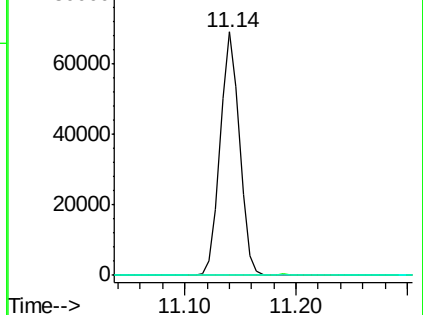
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.22 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. -0.05 min

Lab File: VX002426.D

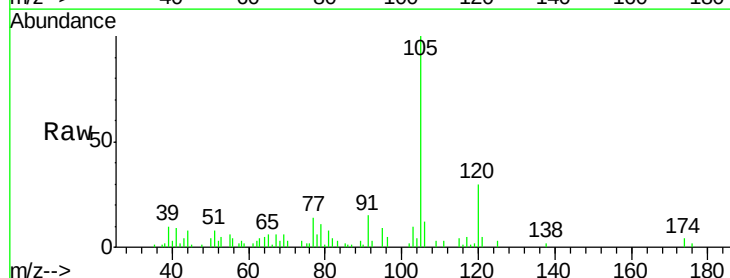
Acq: 09 Jun 2018 17:29

Tgt Ion: 91 Resp: 1916

Ion Ratio Lower Upper

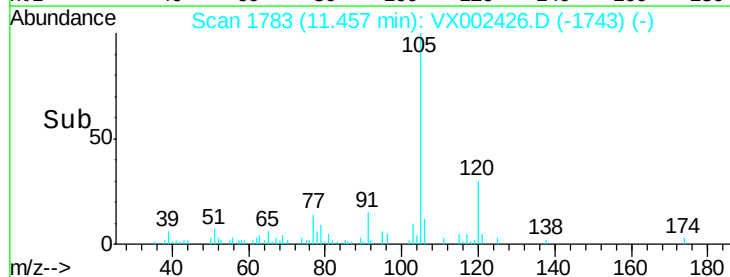
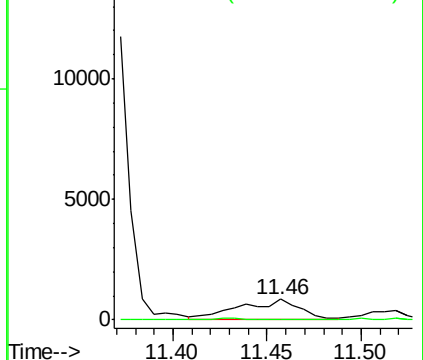
91 100

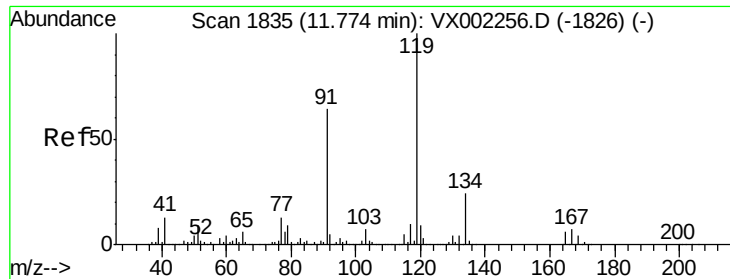
126 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

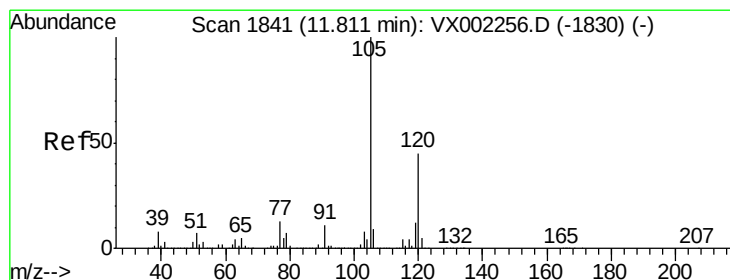
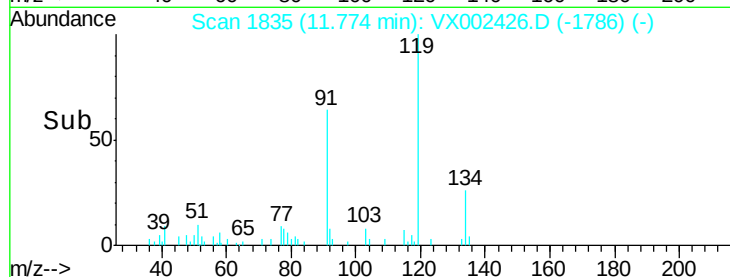
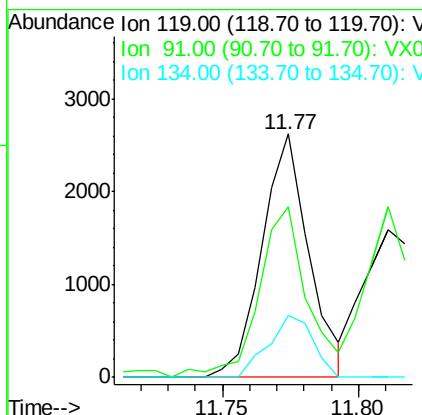
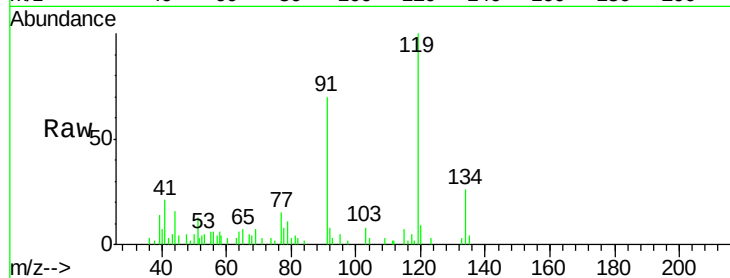




#83
 tert-Butylbenzene
 Concen: 0.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

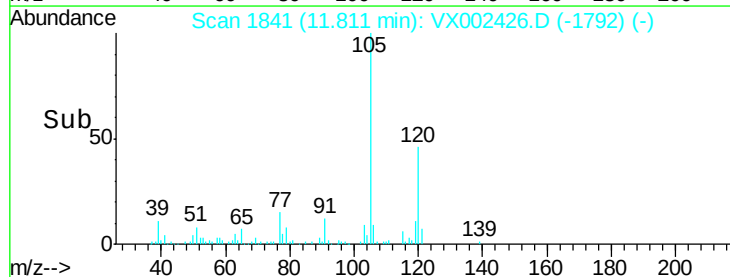
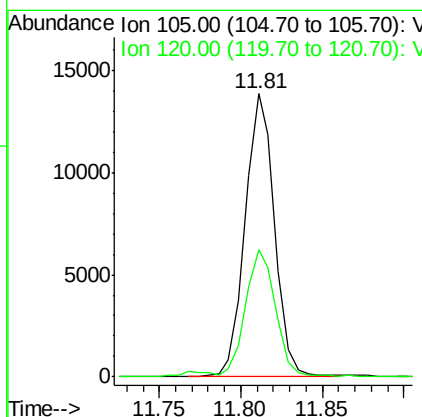
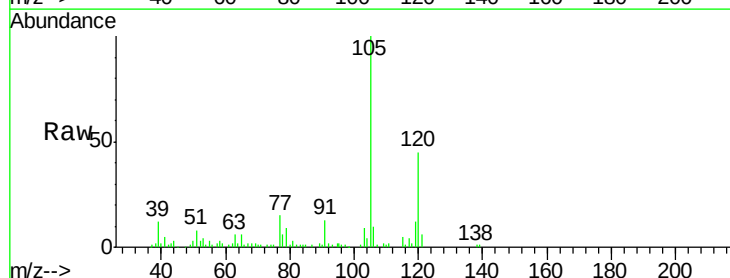
Instrument :
 MSVOA_X
 ClientSampleId :

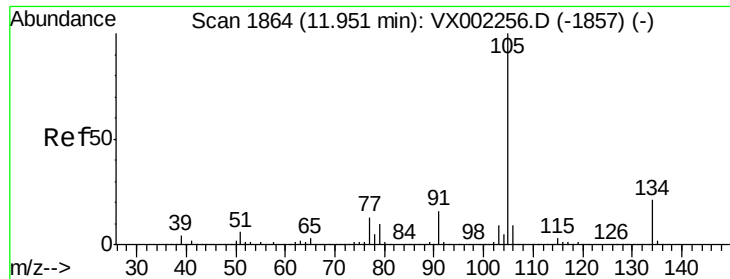
Tot Ion:119 Resp: 3135
 Ion Ratio Lower Upper
 119 100
 91 72.5 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.85 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

Tgt Ion:105 Resp: 17374
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 1.05 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

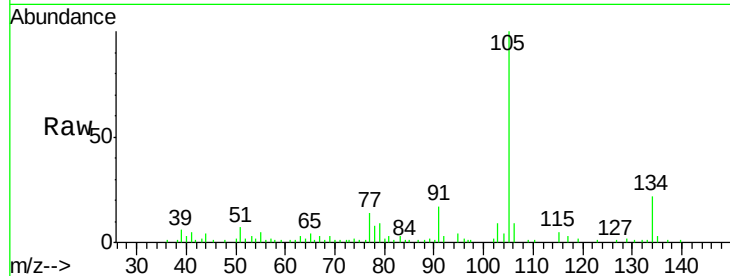
ClientSampleId :

Tot Ion:105 Resp: 10863

Ion Ratio Lower Upper

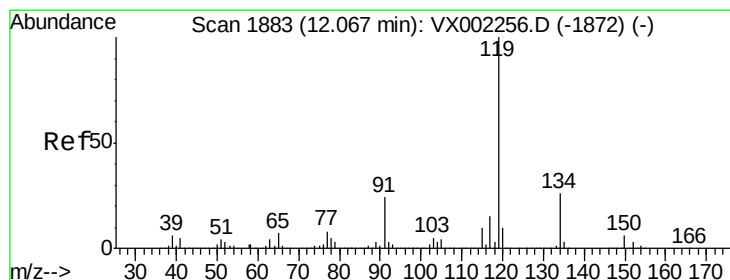
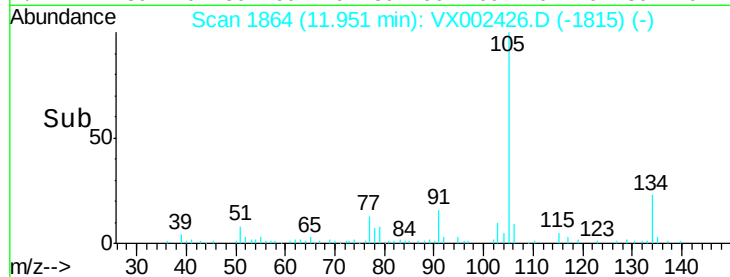
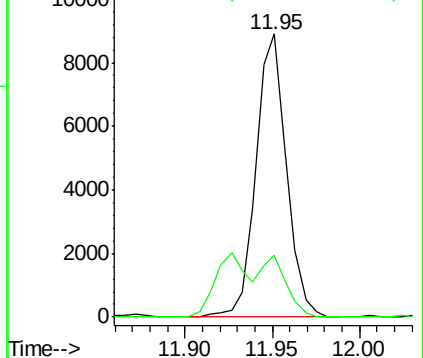
105 100

134 18.2 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: 0.52 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

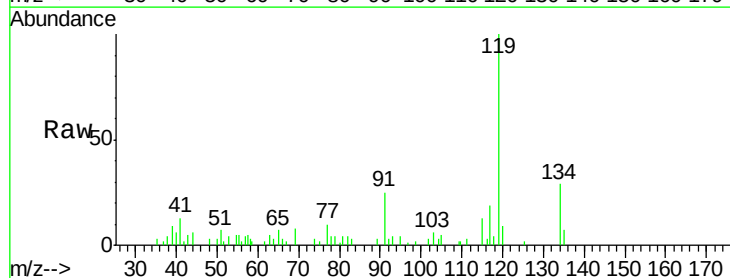
Tgt Ion:119 Resp: 4895

Ion Ratio Lower Upper

119 100

134 29.5 13.4 40.1

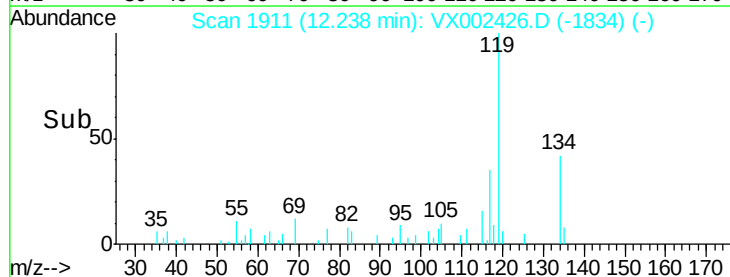
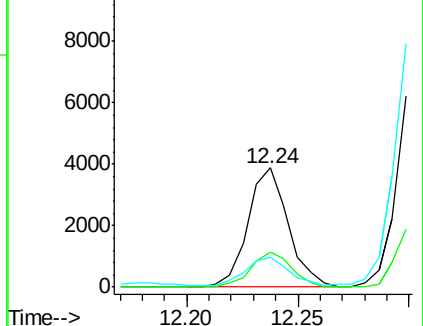
91 25.4 11.9 35.7

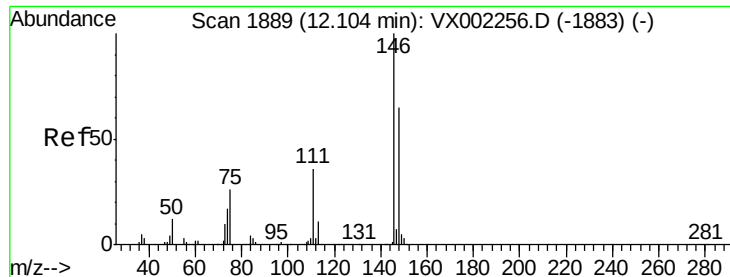


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#88

1,4-Dichlorobenzene

Concen: 0.37 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

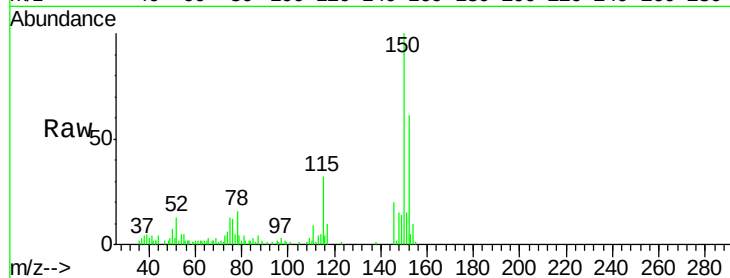
Tot Ion:146 Resp: 2023

Ion Ratio Lower Upper

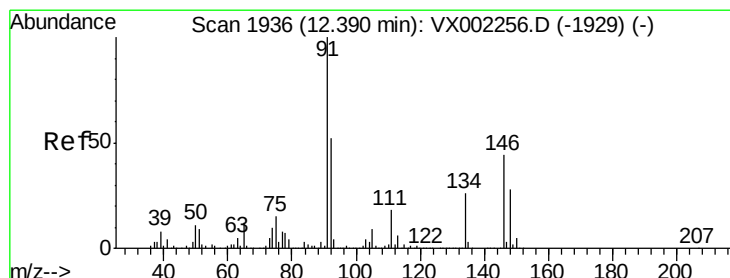
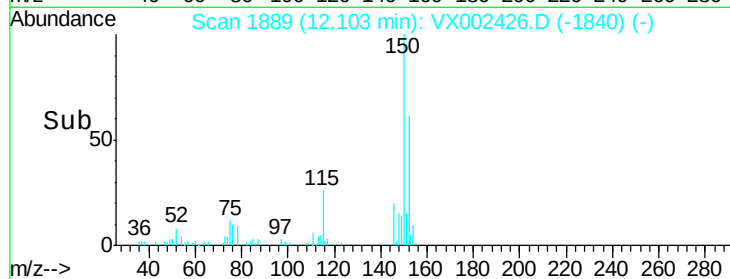
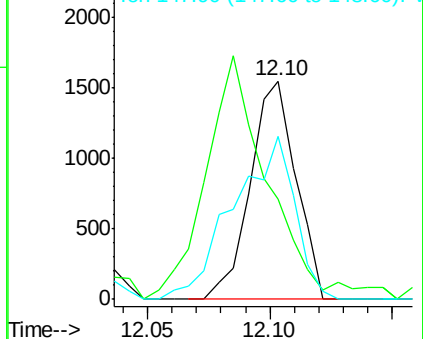
146 100

111 152.2 18.7 56.1#

148 100.1 32.4 97.0#



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.63 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

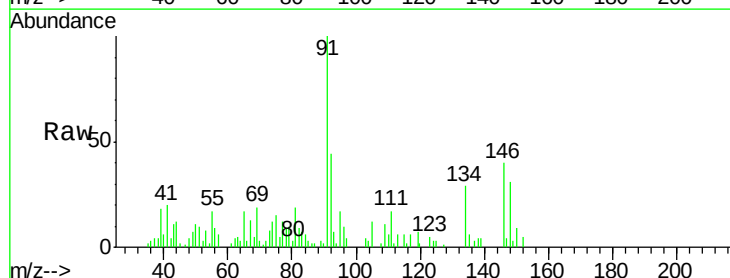
Tgt Ion: 91 Resp: 4982

Ion Ratio Lower Upper

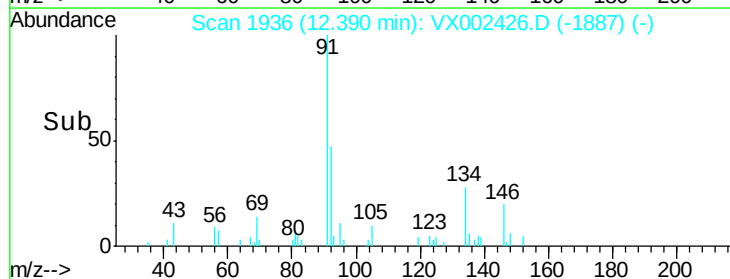
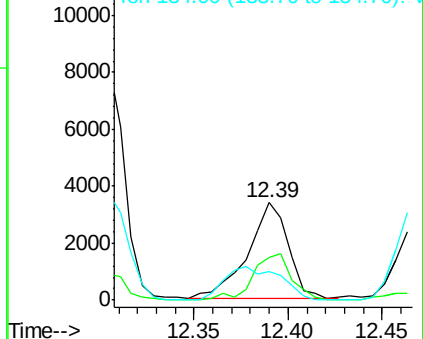
91 100

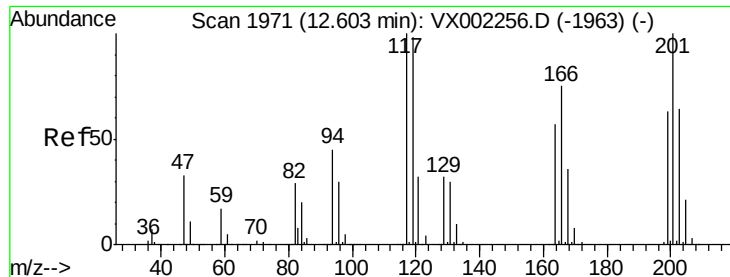
92 46.0 26.0 78.0

134 48.7 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

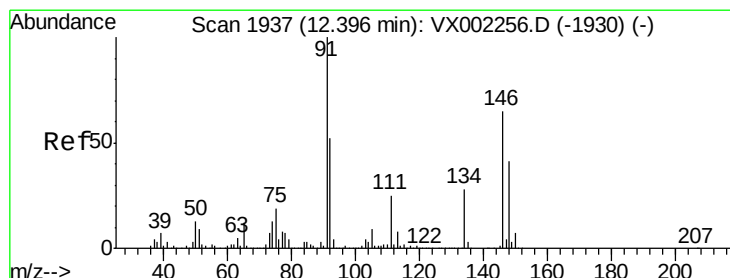
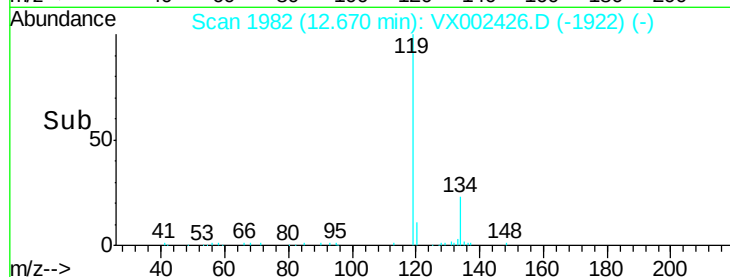
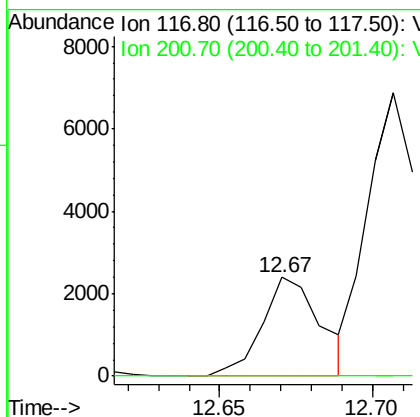
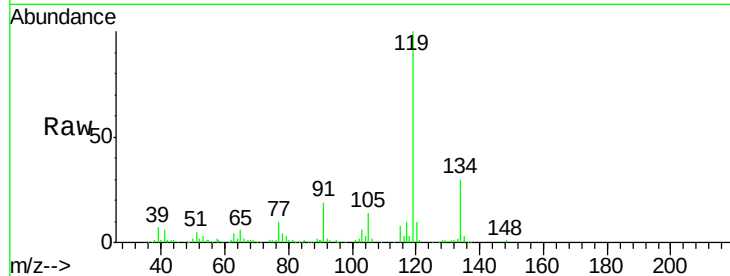




#90
 Hexachloroethane
 Concen: 2.11 ug/l
 RT: 12.67 min Scan# 1982
 Delta R.T. 0.07 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

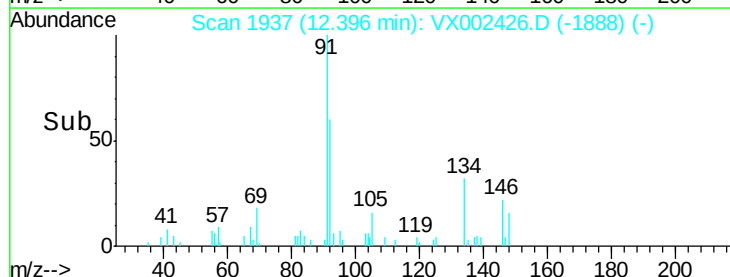
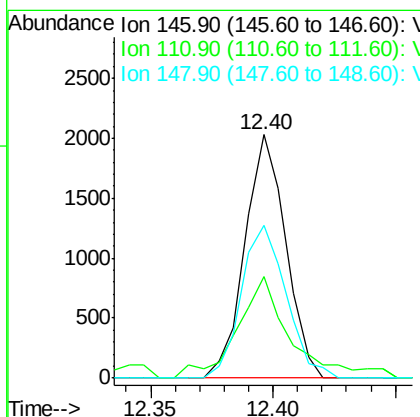
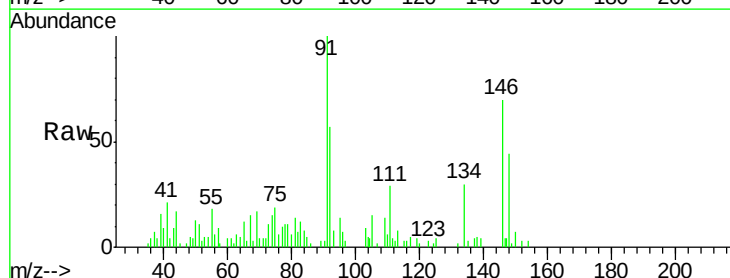
Instrument :
 MSVOA_X
 ClientSampled :

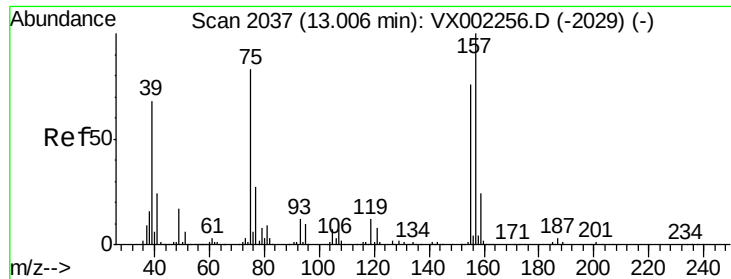
Tot Ion:117 Resp: 3192
 Ion Ratio Lower Upper
 117 100
 201 0.0 49.0 147.0#



#91
 1,2-Dichlorobenzene
 Concen: 0.43 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002426.D
 Acq: 09 Jun 2018 17:29

Tgt Ion:146 Resp: 2354
 Ion Ratio Lower Upper
 146 100
 111 54.5 19.4 58.1
 148 69.1 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.41 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

Instrument :

MSVOA_X

ClientSampled :

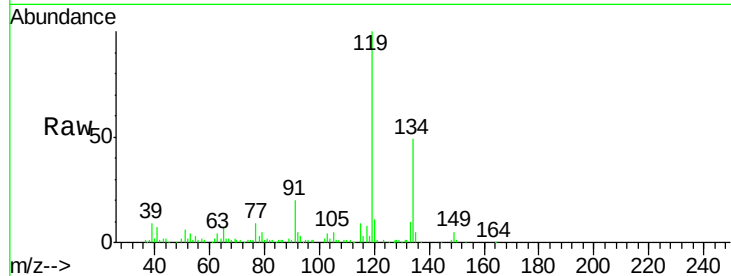
Tot Ion: 75 Resp: 301

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

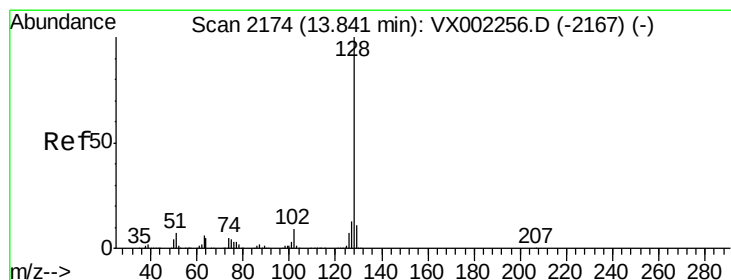
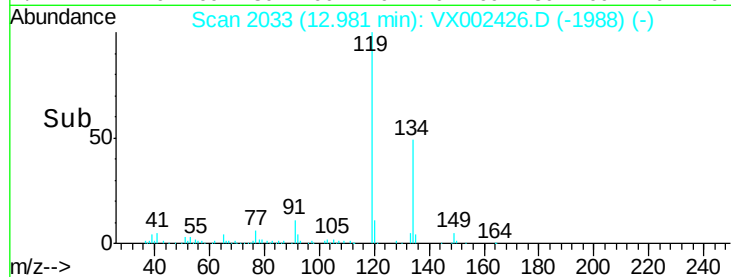
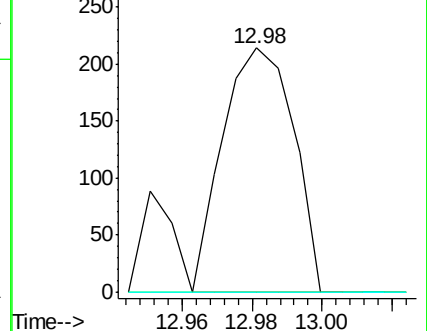
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.71 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002426.D

Acq: 09 Jun 2018 17:29

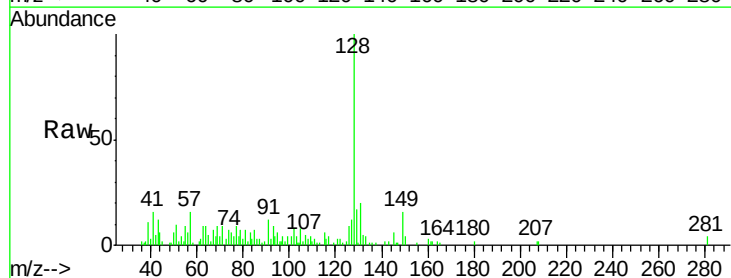
Tgt Ion:128 Resp: 7924

Ion Ratio Lower Upper

128 100

127 21.9 10.4 15.6#

129 29.9 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

