

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006707.D
 Acq On : 21 Dec 2018 06:01
 Operator : JC/MD
 Sample : J6517-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 07:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	656003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1009463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	906372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428227	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	343460	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.51	113	296250	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	1182698	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	420439	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	54	Below Cal	#	4
11) Tert butyl alcohol	3.03	59	5992	3.798	ug/l #	88
16) Acetone	2.45	43	16371	5.040	ug/l	92
18) Methyl Acetate	2.79	43	2784	0.291	ug/l #	81
19) Methyl tert-butyl Ether	3.21	73	14332	0.737	ug/l #	84
20) Methylene Chloride	2.86	84	2487	0.370	ug/l #	86
25) 2-Butanone	4.71	43	2200	0.482	ug/l	91
28) Bromochloromethane	5.03	49	135	Below Cal	#	21
31) Cyclohexane	5.58	56	7264	0.742	ug/l #	80
36) 1,1-Dichloropropene	5.66	75	42870	5.128	ug/l #	49
38) Carbon Tetrachloride	5.67	117	60556	7.453	ug/l #	14
39) Methylcyclohexane	7.46	83	6199	0.563	ug/l	91
40) Benzene	6.15	78	9186	0.361	ug/l #	89
44) Trichloroethene	7.21	130	2857	0.371	ug/l	76
49) 1,4-Dioxane	7.76	88	153	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.65	43	2900	0.344	ug/l #	85
52) Toluene	8.79	92	6218	0.379	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	1386	0.206	ug/l #	16
59) 2-Hexanone	9.51	43	2002	0.311	ug/l	62
60) Dibromochloromethane	9.64	129	57	2.332	ug/l	90
68) m/p-Xylenes	10.36	106	10699	0.865	ug/l	92
69) o-Xylene	10.70	106	3594	0.294	ug/l	97
71) Bromoform	10.73	173	112	4.479	ug/l #	28
73) Isopropylbenzene	11.02	105	41407	1.413	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	195214	24.530	ug/l #	40
78) n-propylbenzene	11.36	91	68656	2.128	ug/l	98
79) 2-Chlorotoluene	11.36	91	68656	3.512	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	195214	72.564	ug/l #	10
82) 4-Chlorotoluene	11.36	91	68656	3.062	ug/l #	42
84) 1,2,4-Trimethylbenzene	11.80	105	8387	0.330	ug/l	96
85) sec-Butylbenzene	11.94	105	10611	0.358	ug/l #	72
86) p-Isopropyltoluene	12.23	119	7349	0.282	ug/l	94
89) n-Butylbenzene	12.39	91	6295	0.284	ug/l #	76
90) Hexachloroethane	12.66	117	4040	4.220	ug/l #	7

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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

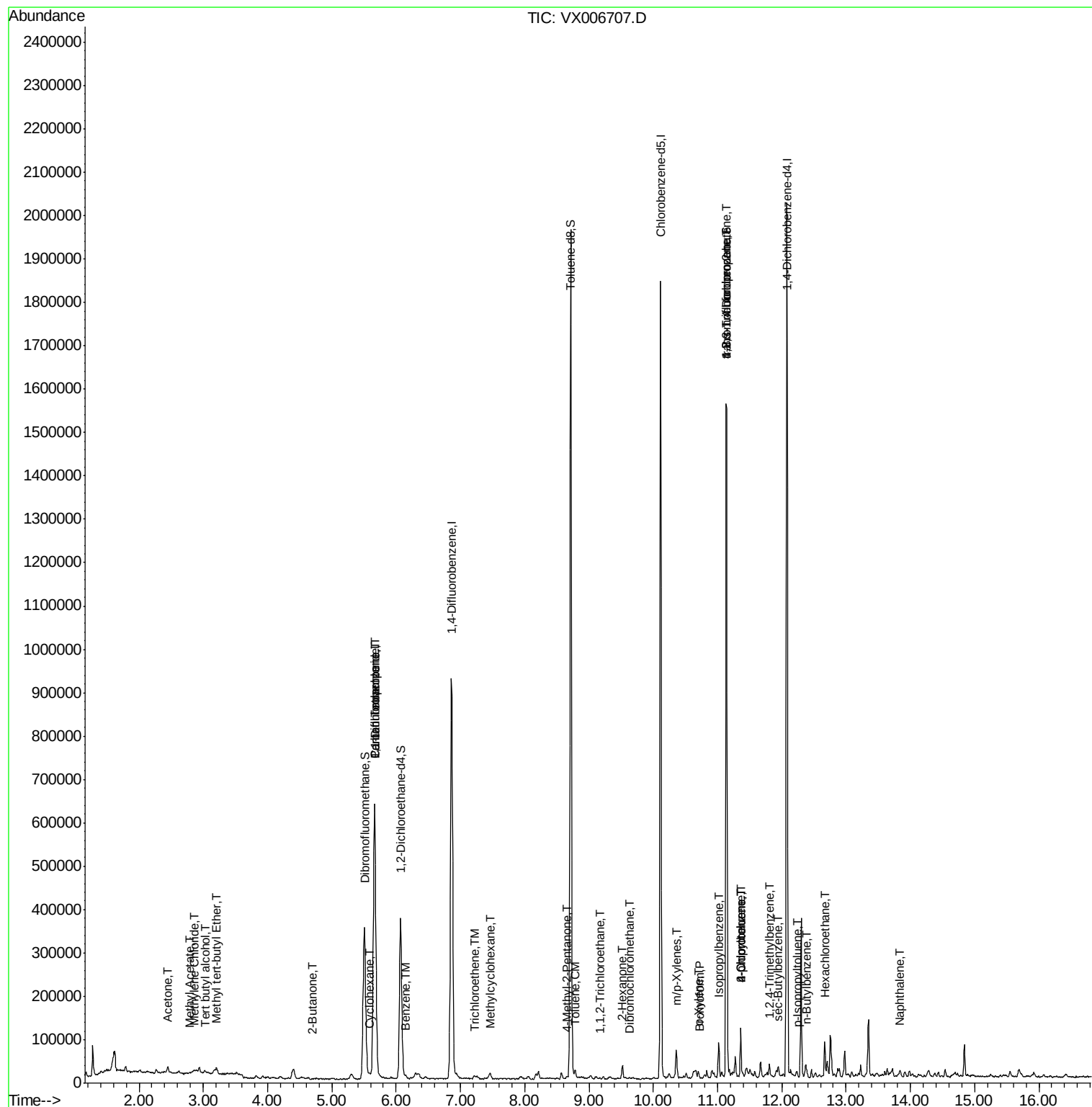
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	7944	0.253	ug/l #	72

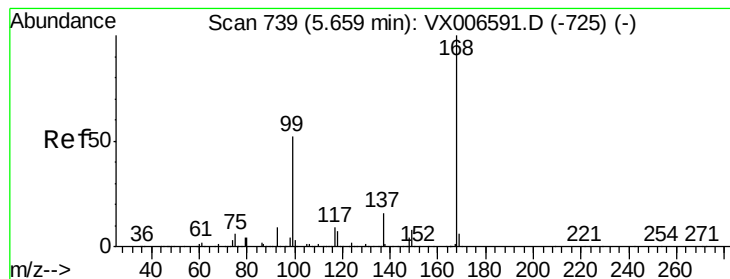
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

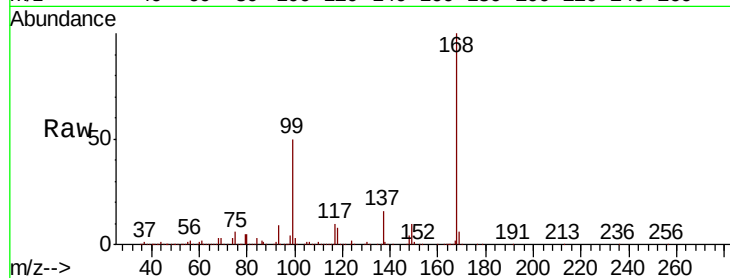
ClientSampleId :

Tot Ion:168 Resp: 656003

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

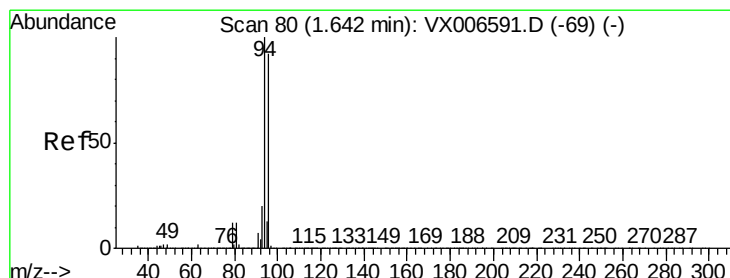
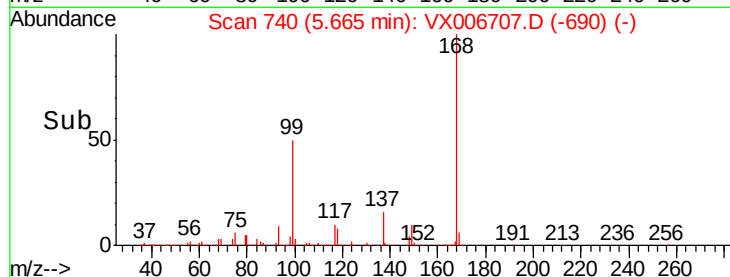
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX006707.D

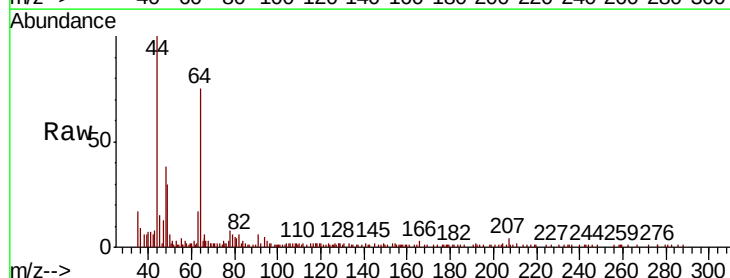
Acq: 21 Dec 2018 06:01

Tgt Ion: 94 Resp: 54

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

500

400

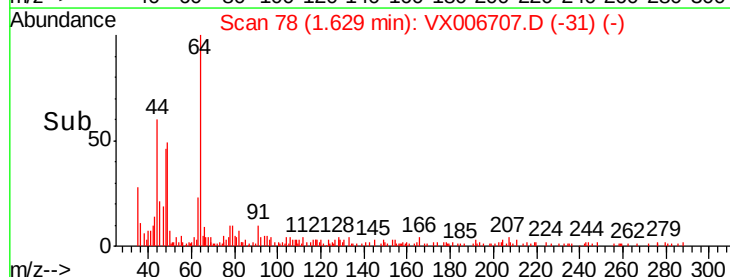
300

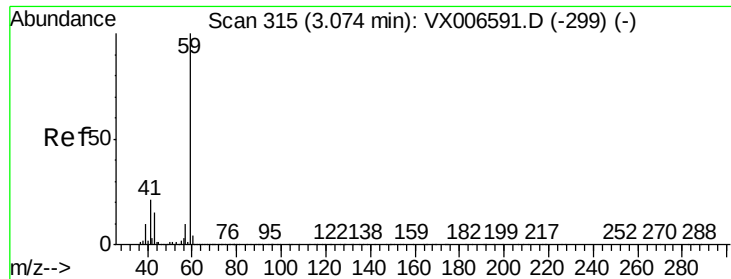
200

100

0

Time-->



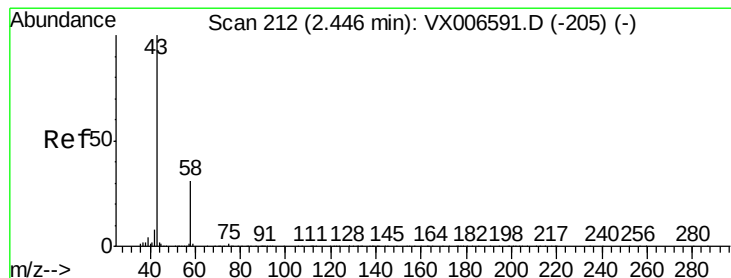
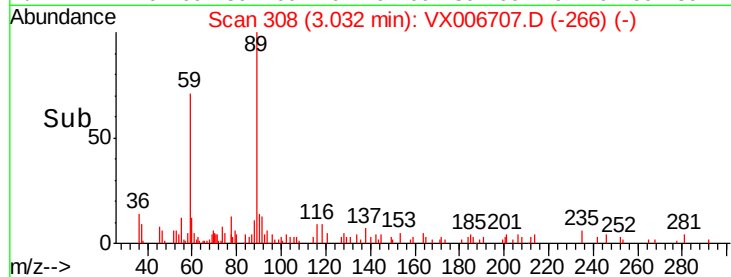
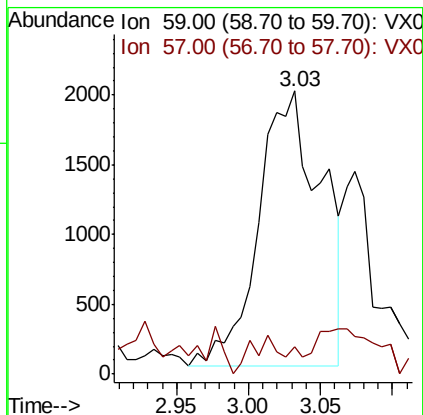
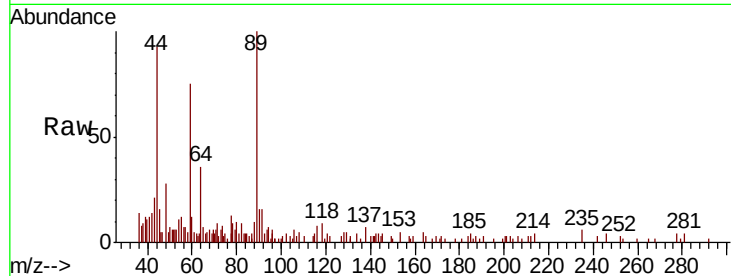


#11

Tert butyl alcohol
 Concen: 3.798 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.04 min
 Lab File: VX006707.D
 Acq: 21 Dec 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :

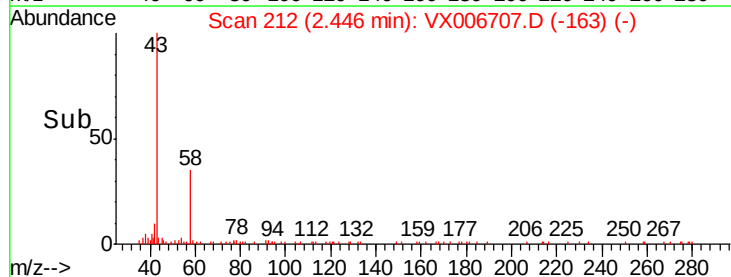
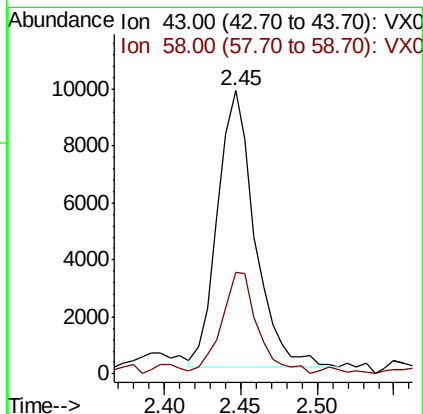
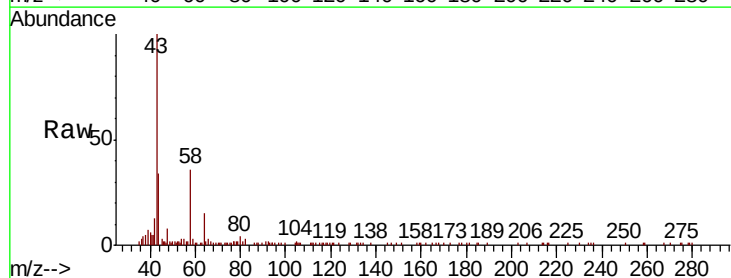
Tot Ion: 59 Resp: 5992
 Ion Ratio Lower Upper
 59 100
 57 6.2 8.5 12.7#

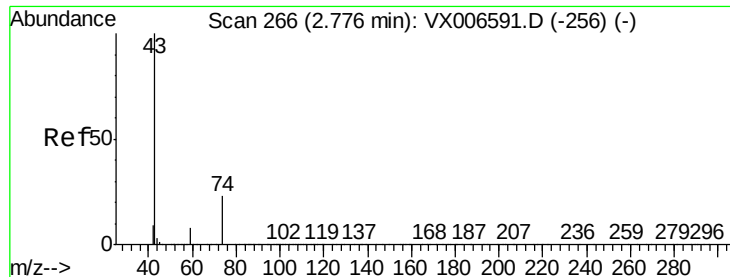


#16

Acetone
 Concen: 5.040 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006707.D
 Acq: 21 Dec 2018 06:01

Tgt Ion: 43 Resp: 16371
 Ion Ratio Lower Upper
 43 100
 58 35.7 25.0 37.6





#18

Methyl Acetate

Concen: 0.291 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

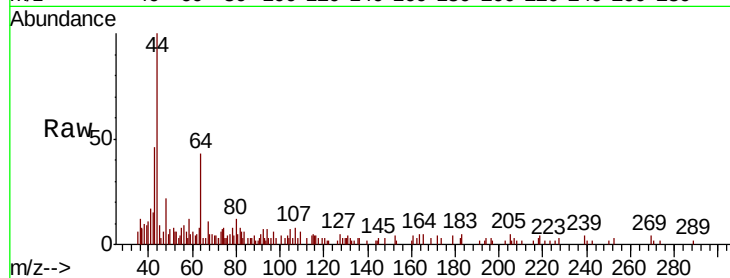
ClientSampled :

Tot Ion: 43 Resp: 2784

Ion Ratio Lower Upper

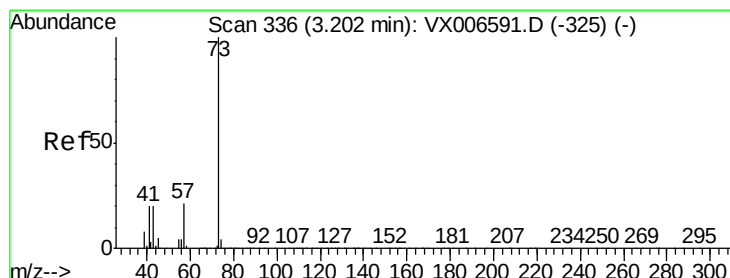
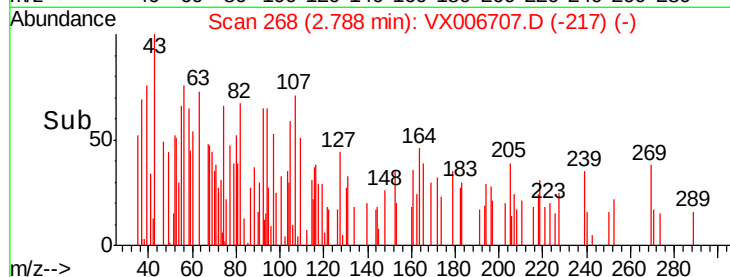
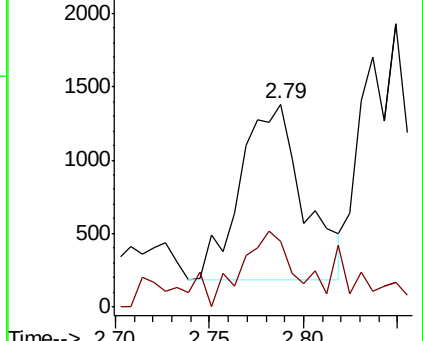
43 100

74 32.7 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.737 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006707.D

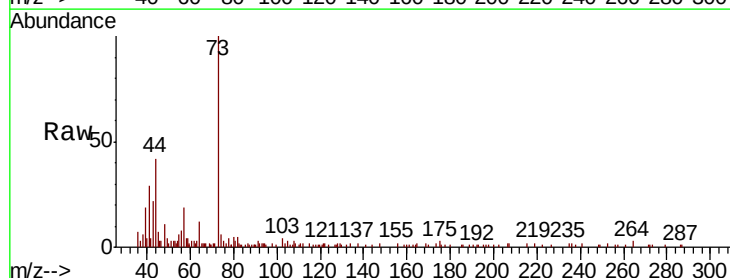
Acq: 21 Dec 2018 06:01

Tgt Ion: 73 Resp: 14332

Ion Ratio Lower Upper

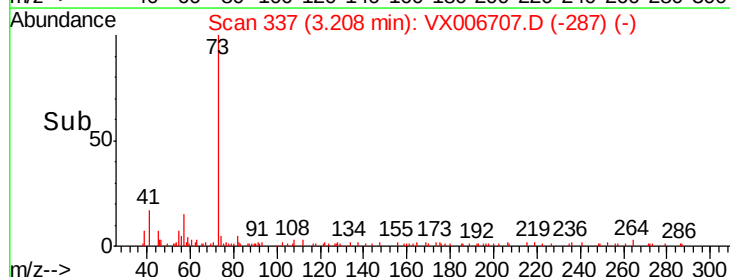
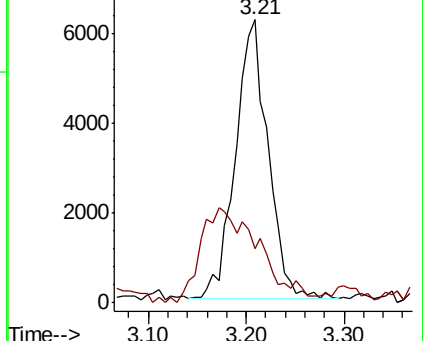
73 100

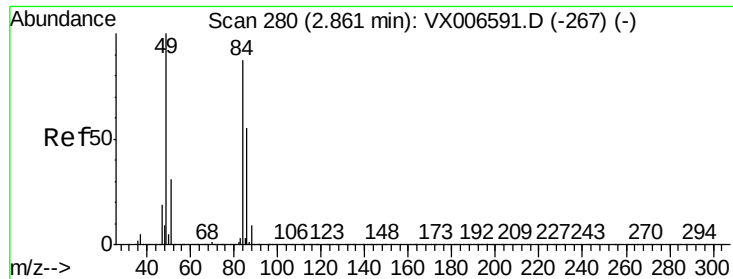
57 13.6 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

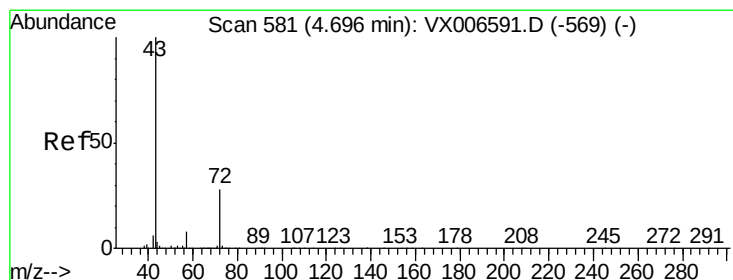
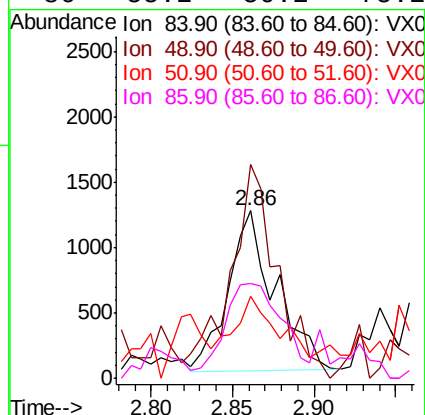
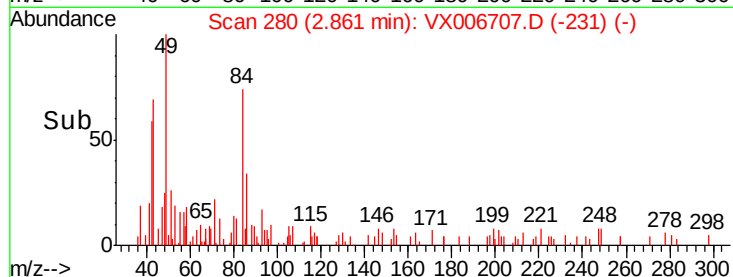
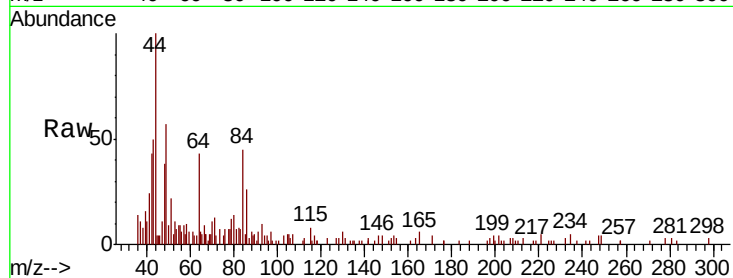




#20
Methvlene Chloride
Concen: 0.370 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

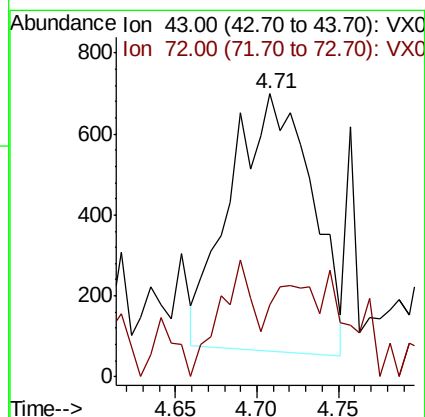
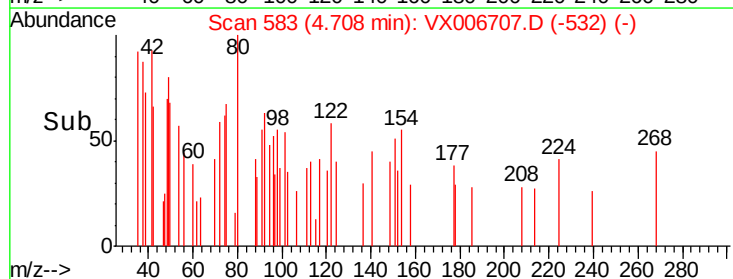
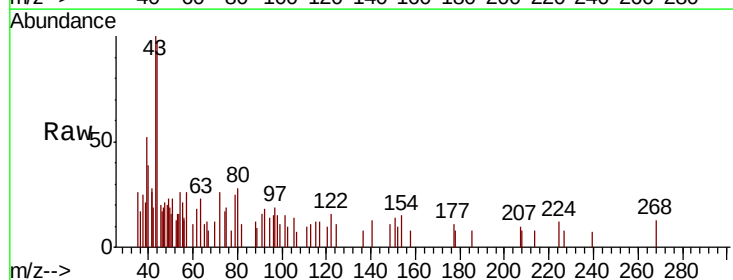
Instrument :
MSVOA_X
ClientSampled :

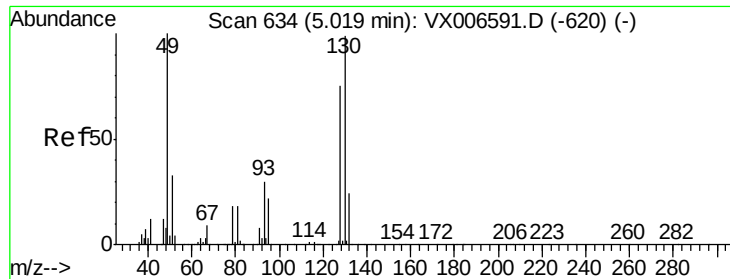
Tot Ion: 84 Resp: 2487
Ion Ratio Lower Upper
84 100
49 128.0 91.8 137.6
51 21.5 28.5 42.7#
86 55.2 50.2 75.2



#25
2-Butanone
Concen: 0.482 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
72 32.7 22.4 33.6





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

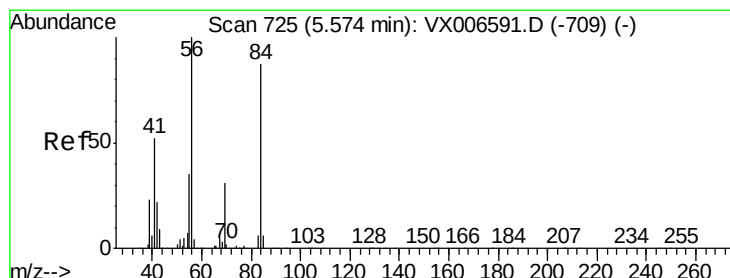
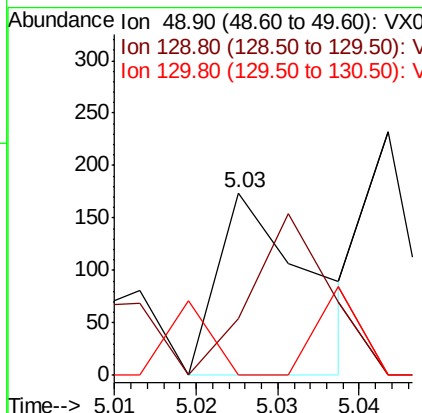
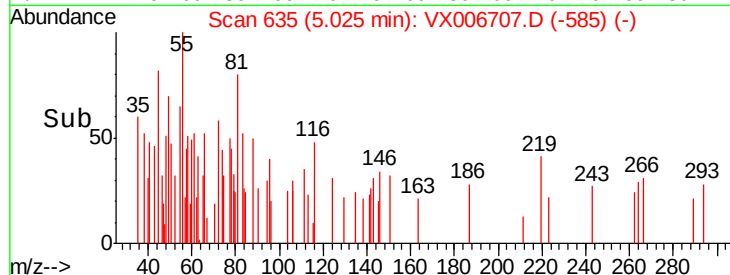
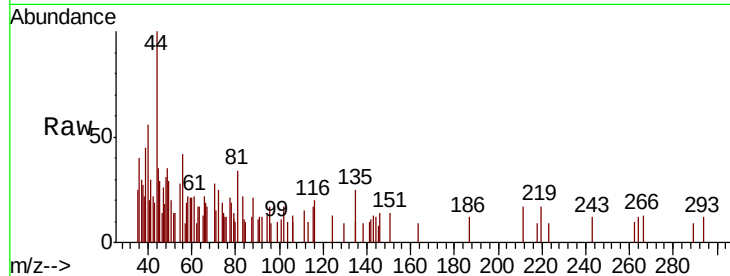
Delta R.T. 0.01 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 135
Ion Ratio Lower Upper
49 100
129 75.6 0.0 5.4#
130 23.0 77.7 116.5#



#31

Cyclohexane

Concen: 0.742 ug/l

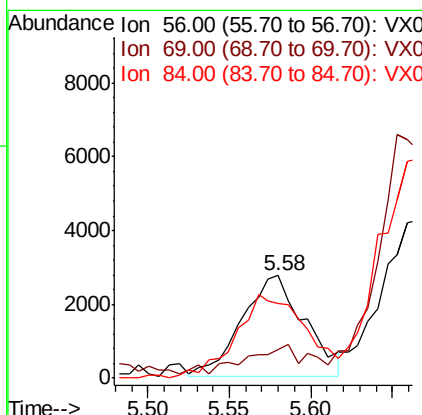
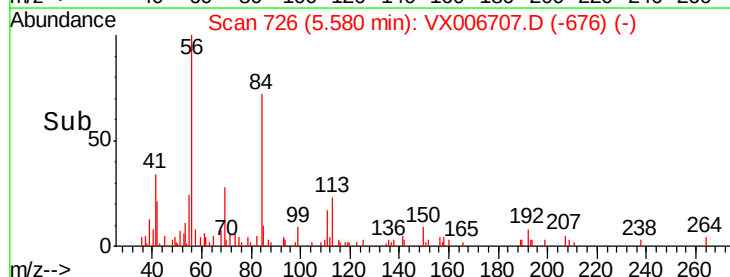
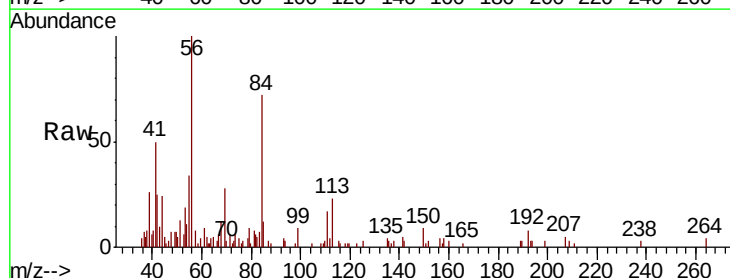
RT: 5.58 min Scan# 726

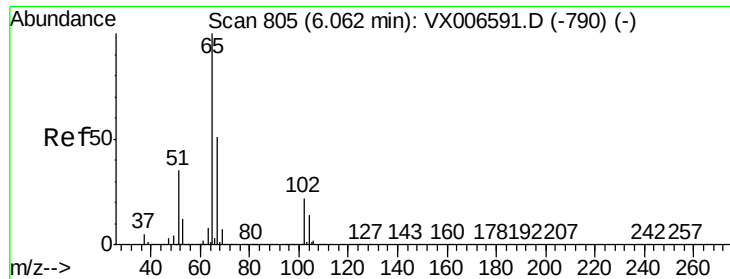
Delta R.T. 0.01 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Tgt Ion: 56 Resp: 7264
Ion Ratio Lower Upper
56 100
69 20.8 24.4 36.6#
84 68.0 70.0 105.0#

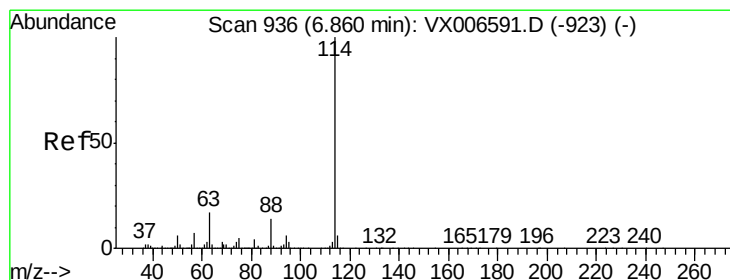
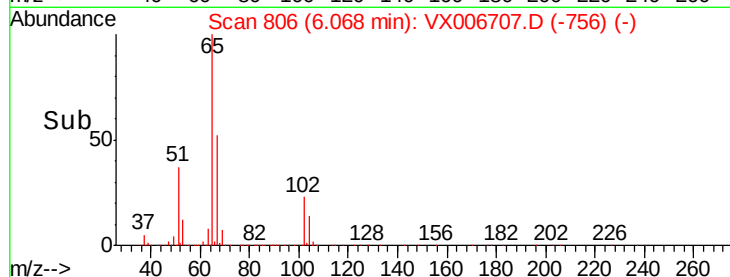
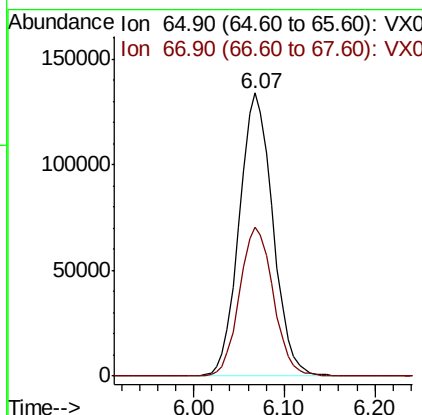
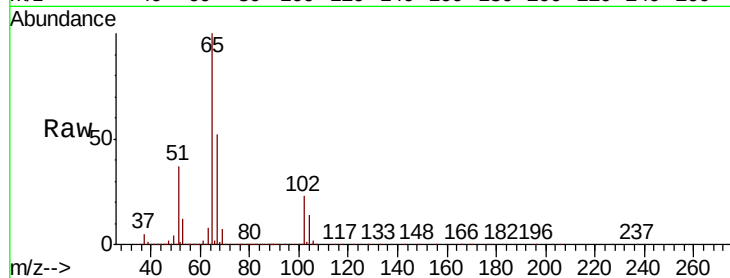




#33
 1,2-Dichloroethane-d4
 Concen: 48.579 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006707.D
 Acq: 21 Dec 2018 06:01

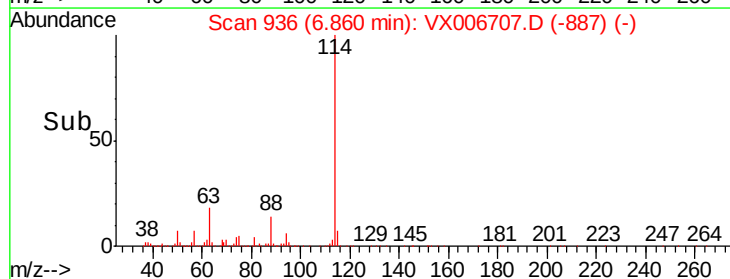
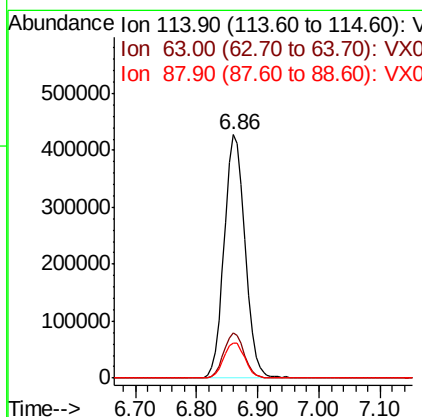
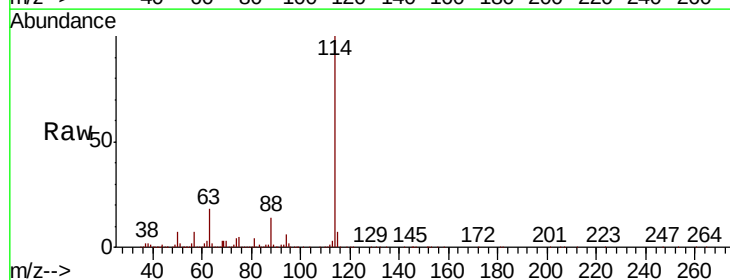
Instrument :
 MSVOA_X
 ClientSampleId :

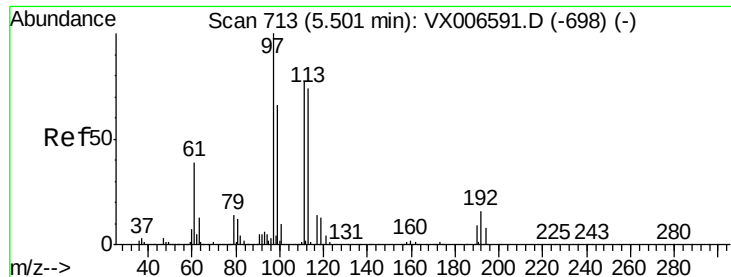
Tot Ion: 65 Resp: 343460
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006707.D
 Acq: 21 Dec 2018 06:01

Tgt Ion: 114 Resp: 1009463
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.8
 88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.408 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :
MSVOA_X
ClientSampled :

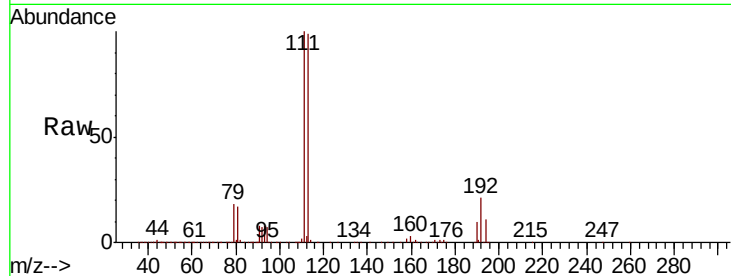
Tot Ion:113 Resp: 296250

Ion Ratio Lower Upper

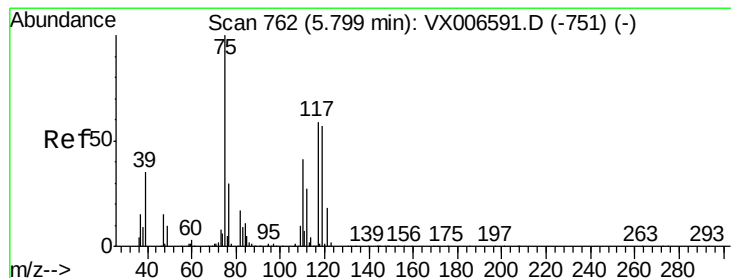
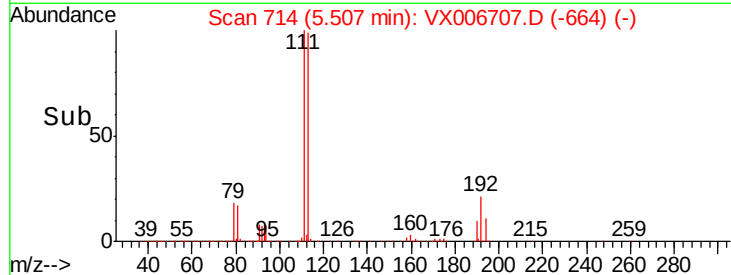
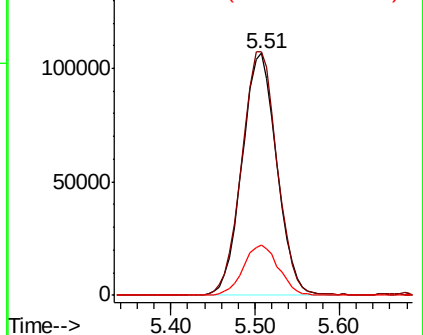
113 100

111 102.8 81.6 122.4

192 21.3 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.128 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

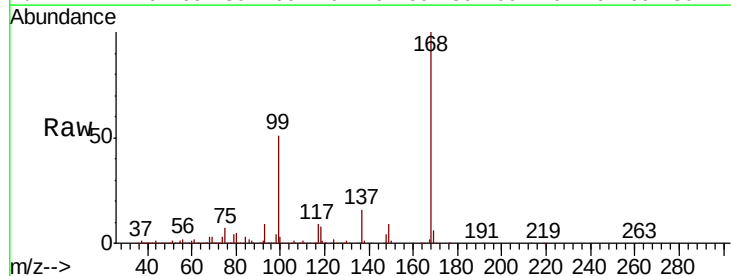
Tgt Ion: 75 Resp: 42870

Ion Ratio Lower Upper

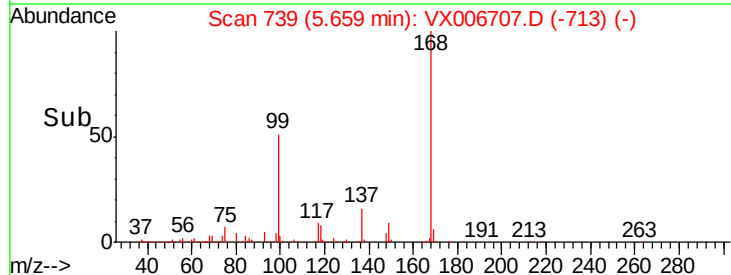
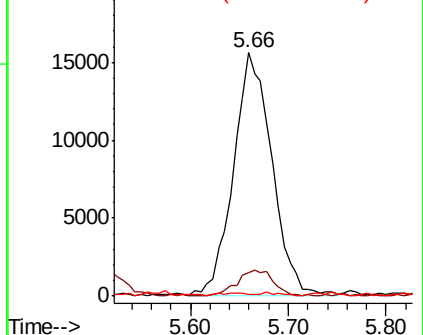
75 100

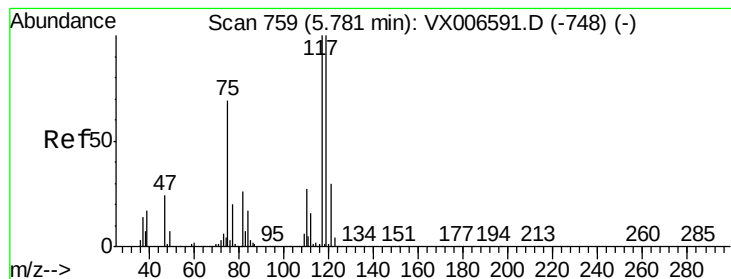
110 10.2 20.2 60.5#

77 1.0 24.8 37.2#



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: 7.453 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

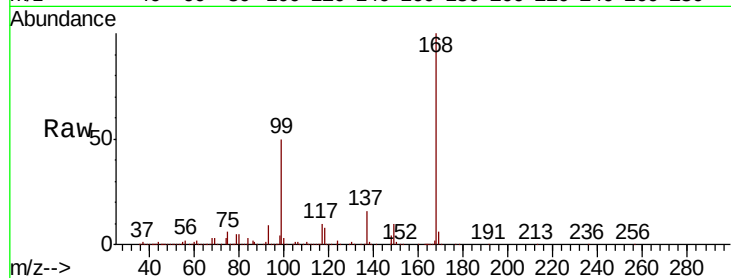
Tot Ion:117 Resp: 60556

Ion Ratio Lower Upper

117 100

119 4.4 79.4 119.2#

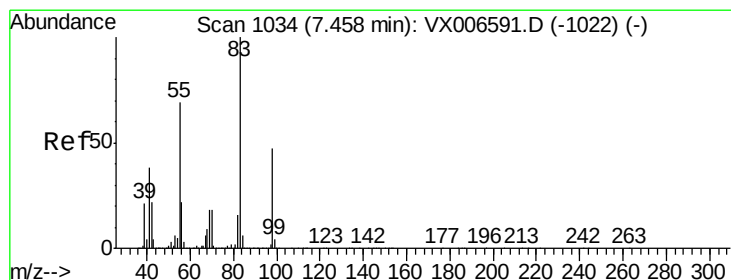
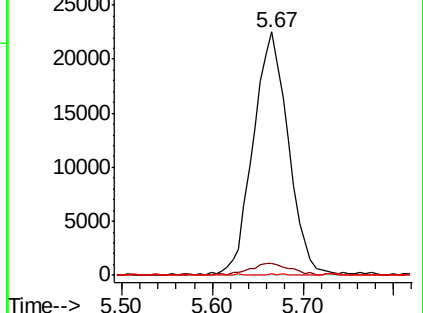
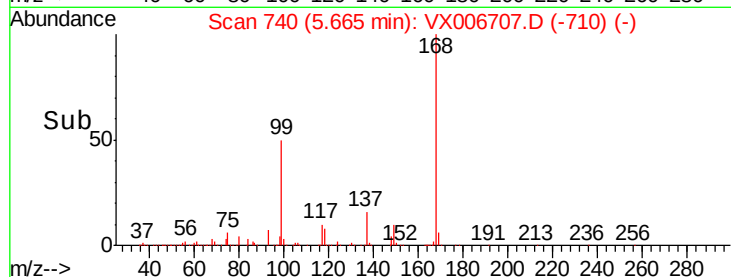
121 0.6 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.563 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

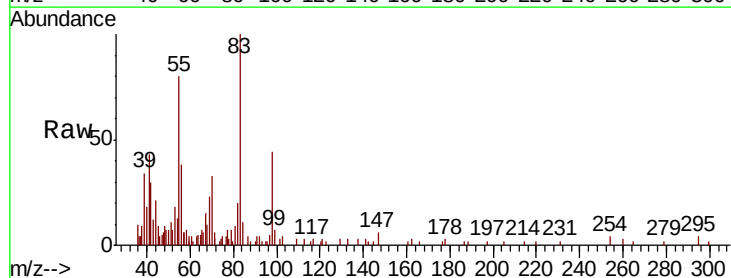
Tgt Ion: 83 Resp: 6199

Ion Ratio Lower Upper

83 100

55 76.3 54.9 82.3

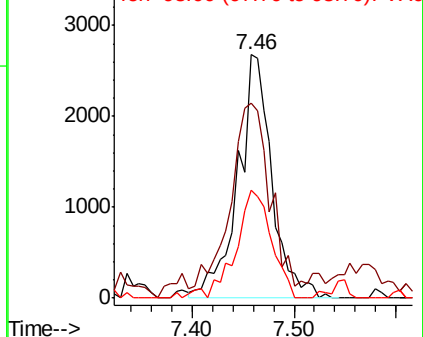
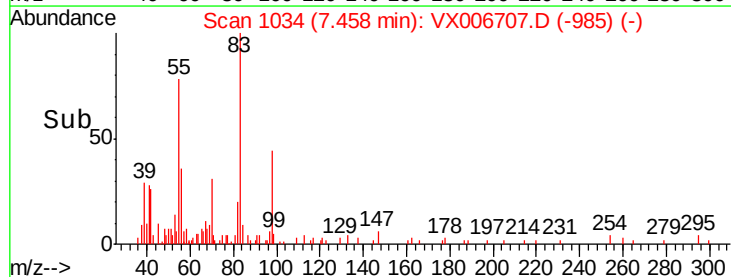
98 42.4 37.9 56.9

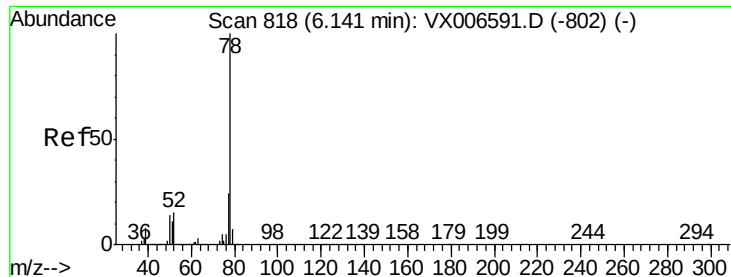


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.361 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

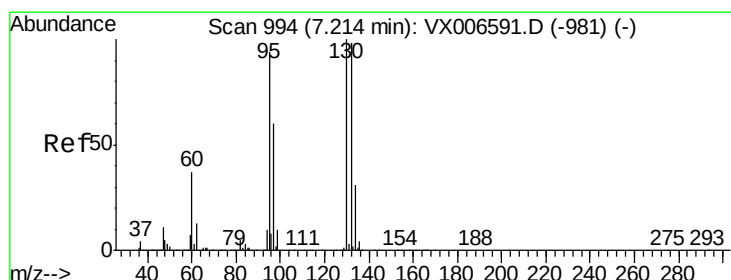
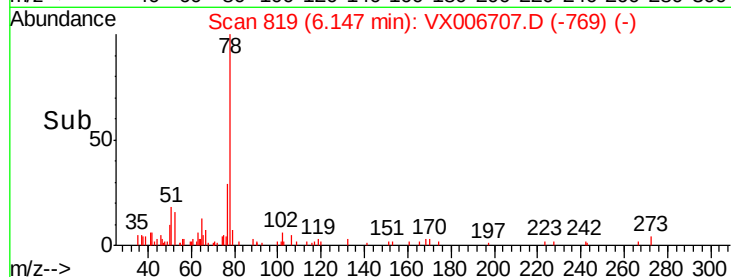
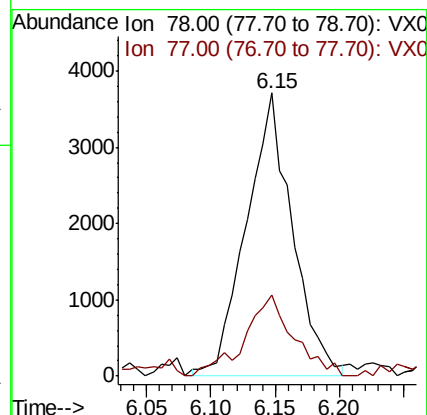
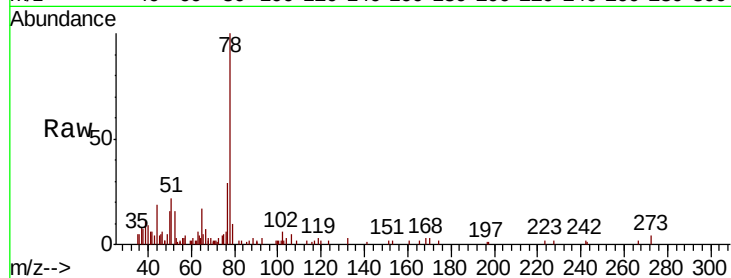
ClientSampleId :

Tot Ion: 78 Resp: 9186

Ion Ratio Lower Upper

78 100

77 29.3 19.2 28.8#



#44

Trichloroethene

Concen: 0.371 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006707.D

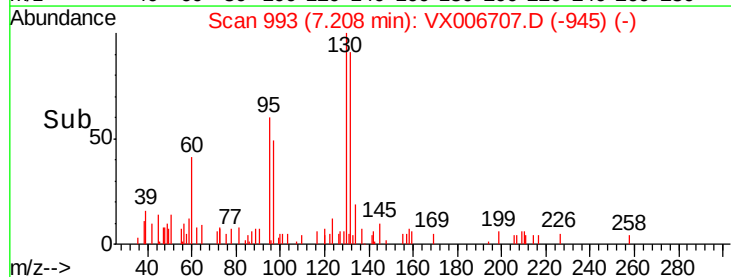
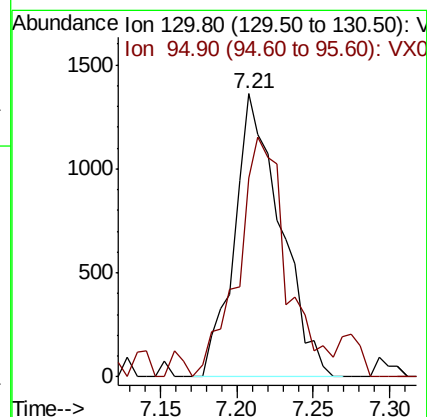
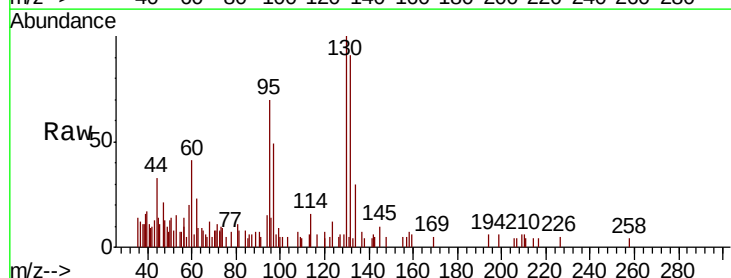
Acq: 21 Dec 2018 06:01

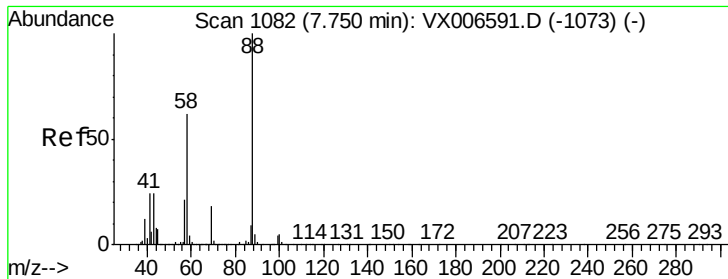
Tgt Ion:130 Resp: 2857

Ion Ratio Lower Upper

130 100

95 70.1 0.0 187.0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

ClientSampled :

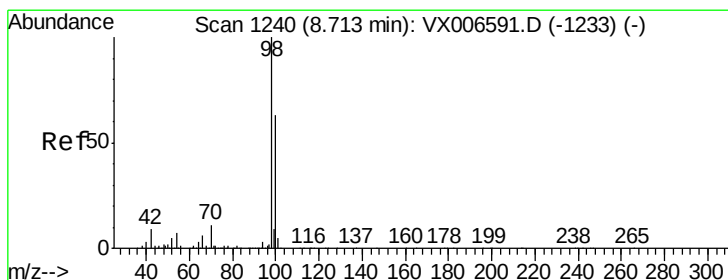
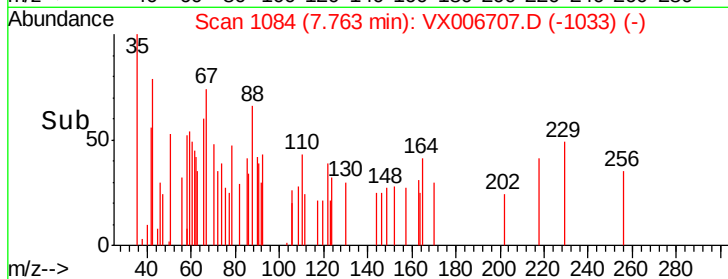
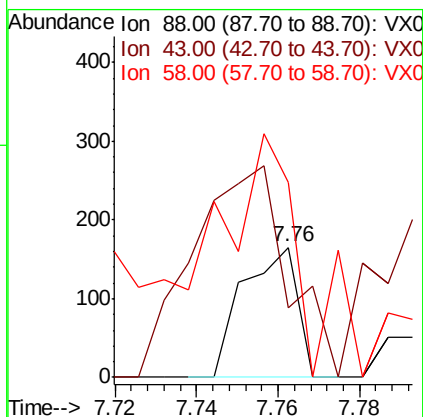
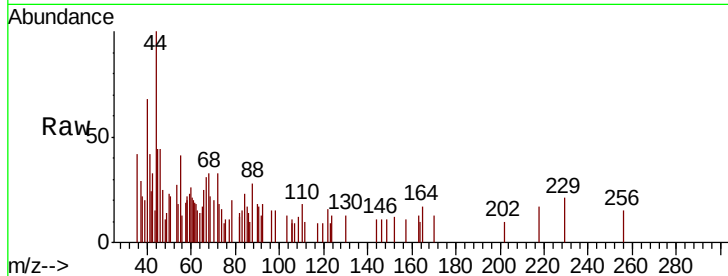
Tot Ion: 88 Resp: 153

Ion Ratio Lower Upper

88 100

43 284.3 22.2 33.4#

58 262.7 51.0 76.4#



#50

Toluene-d8

Concen: 49.143 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006707.D

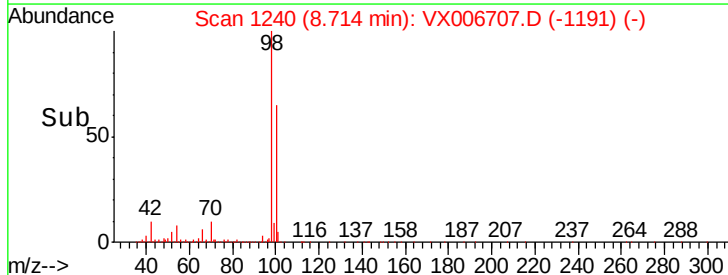
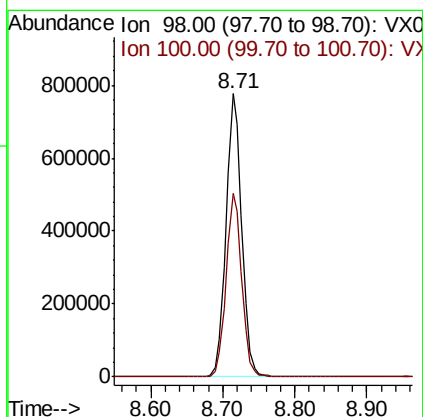
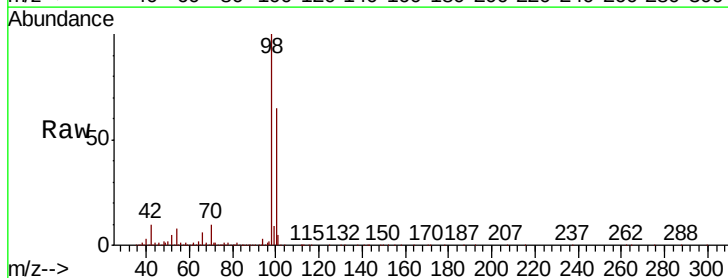
Acq: 21 Dec 2018 06:01

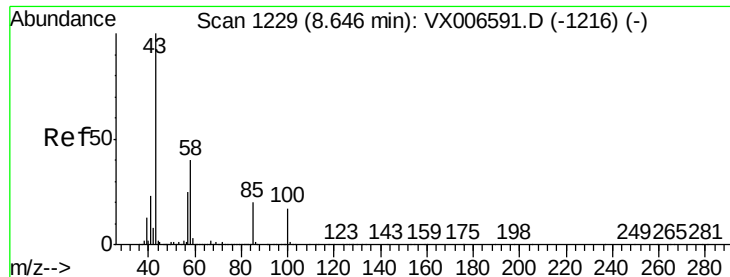
Tgt Ion: 98 Resp: 1182698

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.344 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

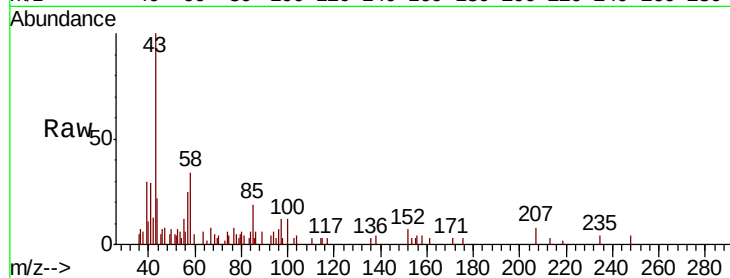
ClientSampled :

Tot Ion: 43 Resp: 2900

Ion Ratio Lower Upper

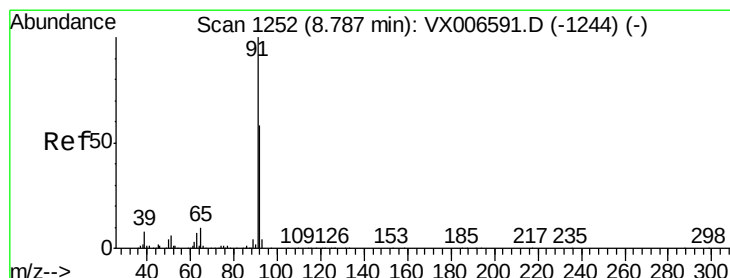
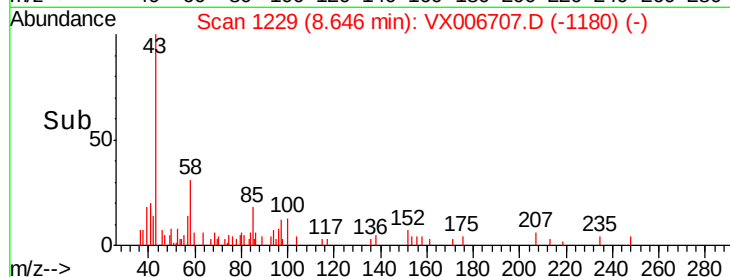
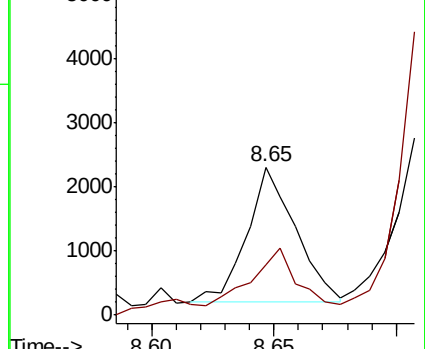
43 100

58 49.2 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.379 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006707.D

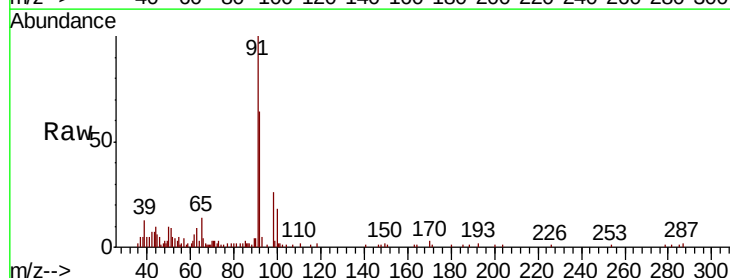
Acq: 21 Dec 2018 06:01

Tgt Ion: 92 Resp: 6218

Ion Ratio Lower Upper

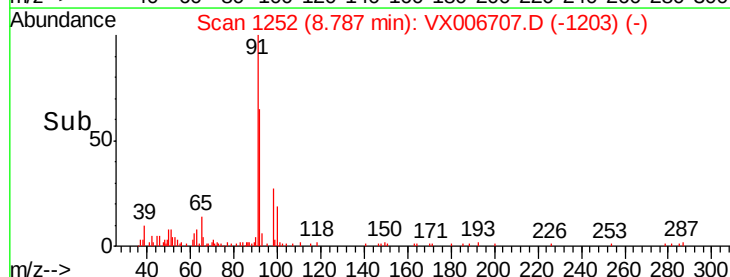
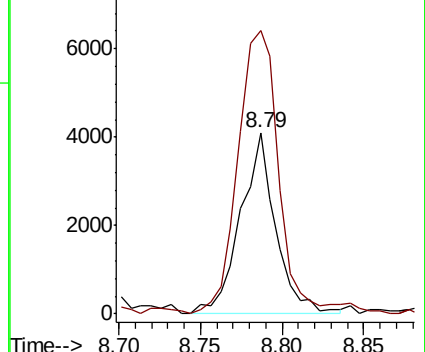
92 100

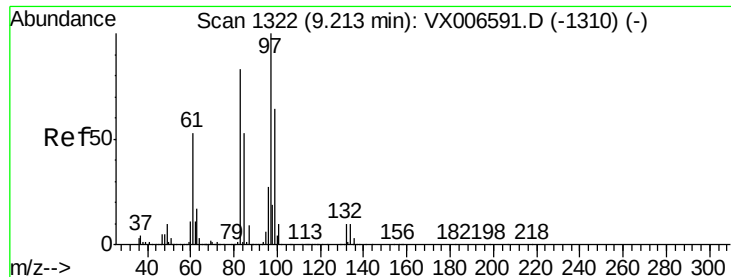
91 182.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.206 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 1386

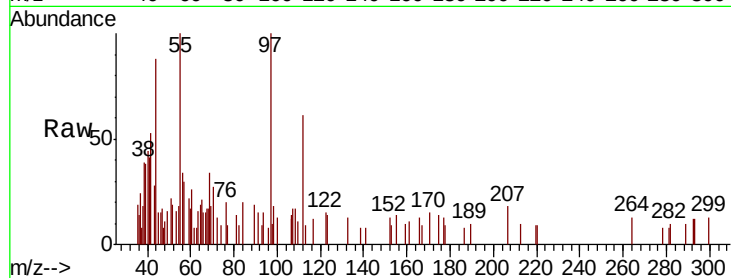
Ion Ratio Lower Upper

97 100

83 0.0 66.6 99.8#

85 0.0 42.7 64.1#

99 0.0 50.8 76.2#

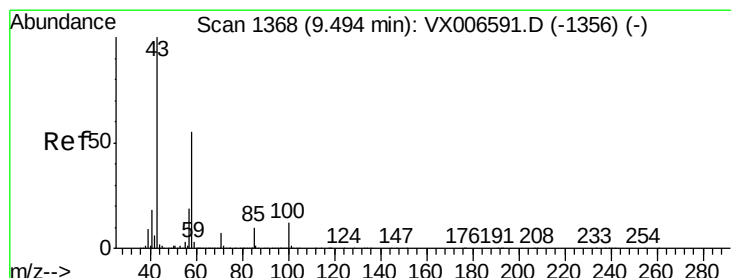
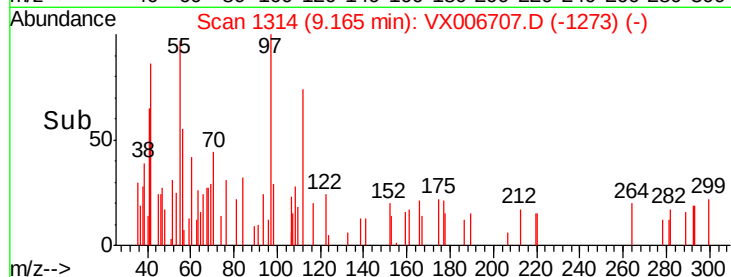
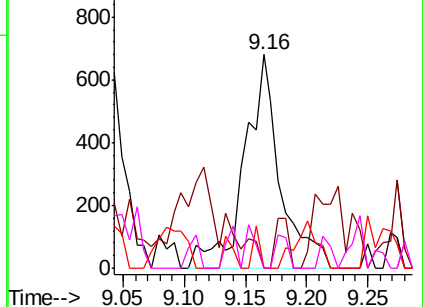


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#59

2-Hexanone

Concen: 0.311 ug/l

RT: 9.51 min Scan# 1371

Delta R.T. 0.02 min

Lab File: VX006707.D

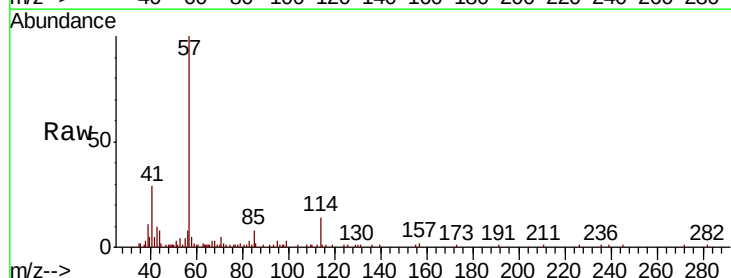
Acq: 21 Dec 2018 06:01

Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

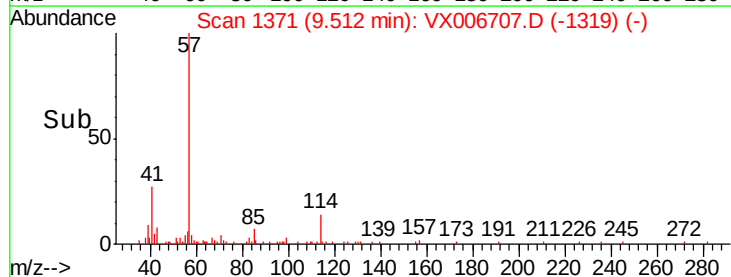
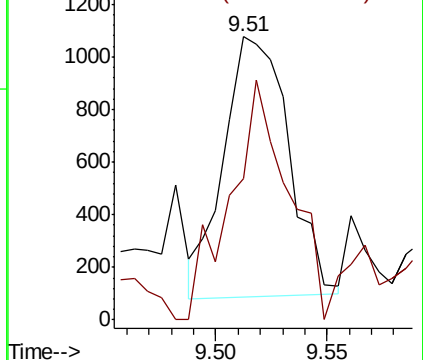
43 100

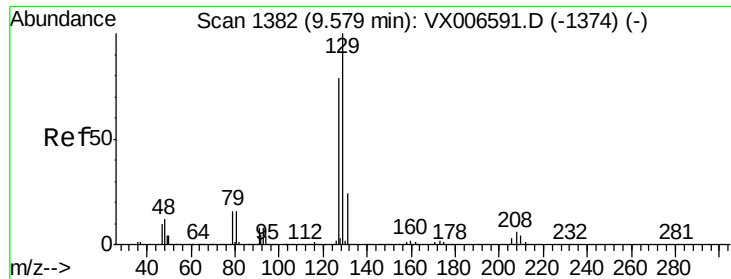
58 82.9 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 2.332 ug/l

RT: 9.64 min Scan# 1392

Delta R.T. 0.06 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

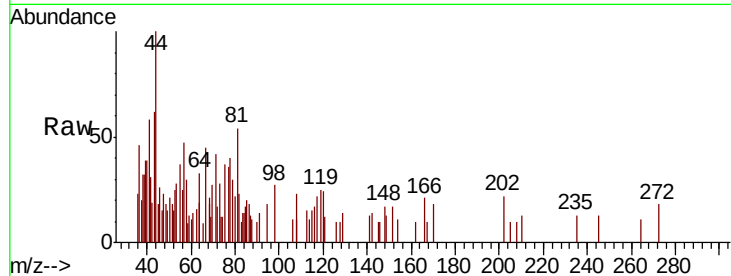
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 57

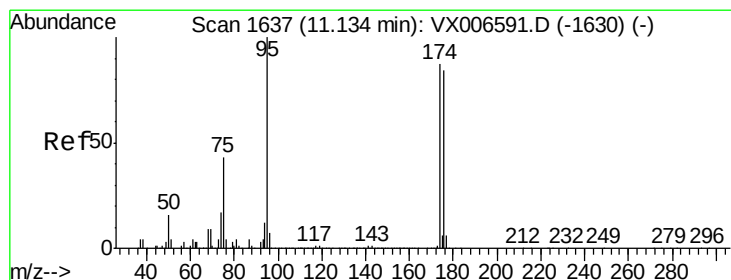
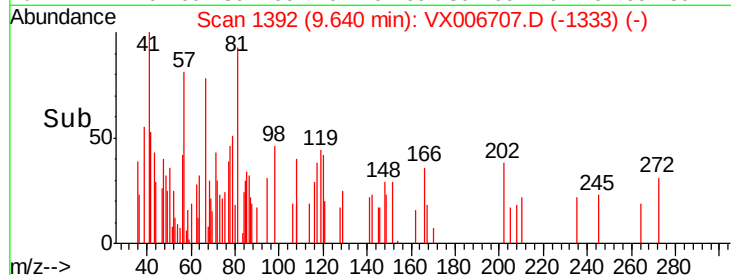
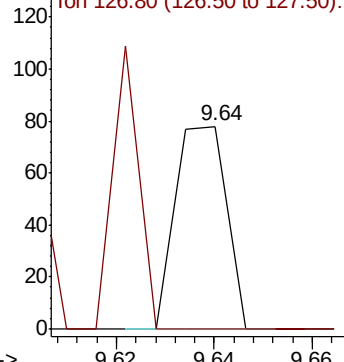
Ion Ratio Lower Upper

129 100

127 70.2 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.700 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

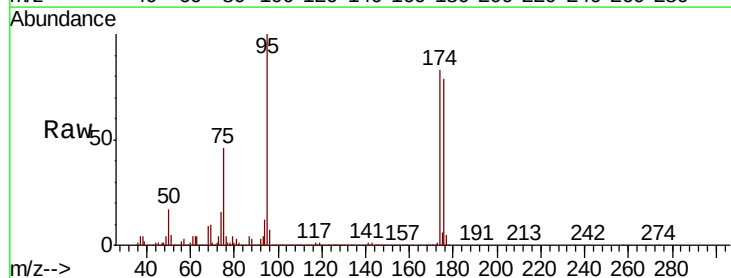
Tgt Ion: 95 Resp: 420439

Ion Ratio Lower Upper

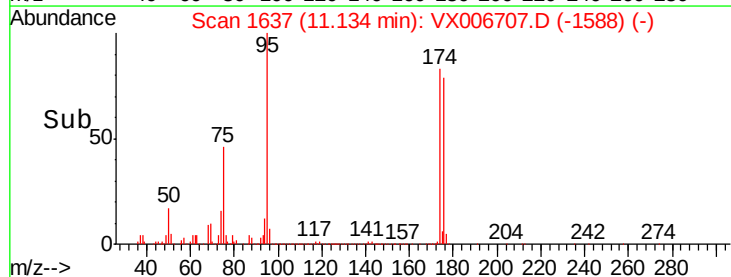
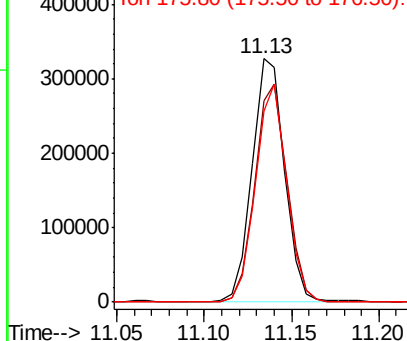
95 100

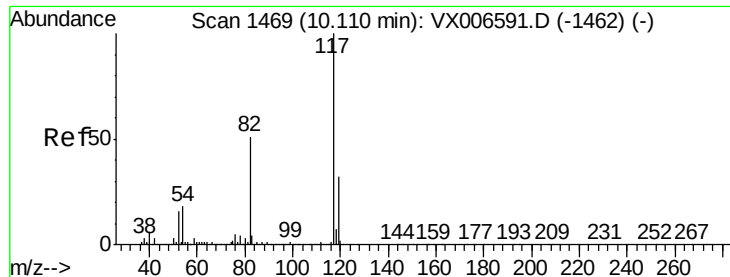
174 89.2 0.0 182.2

176 86.4 0.0 178.8



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

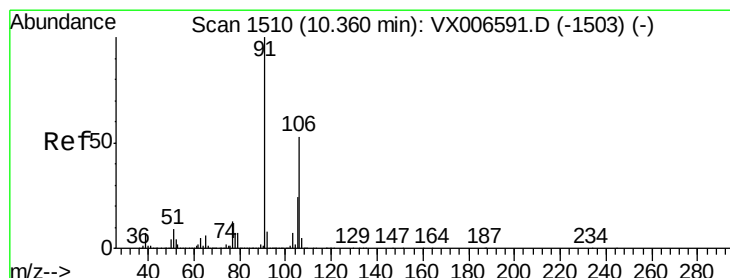
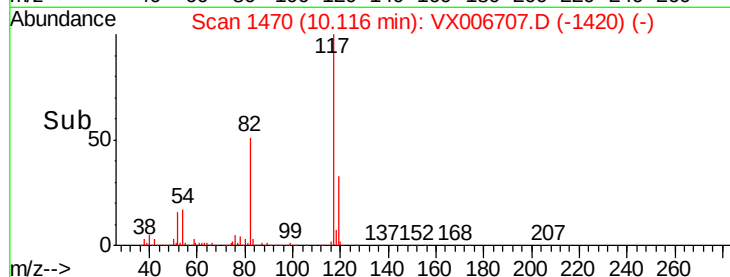
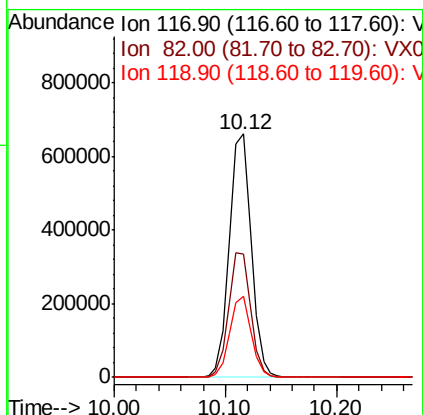
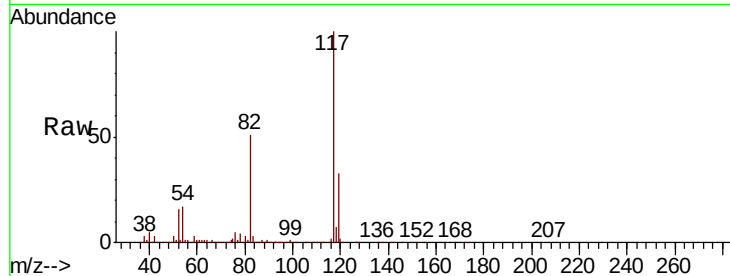




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

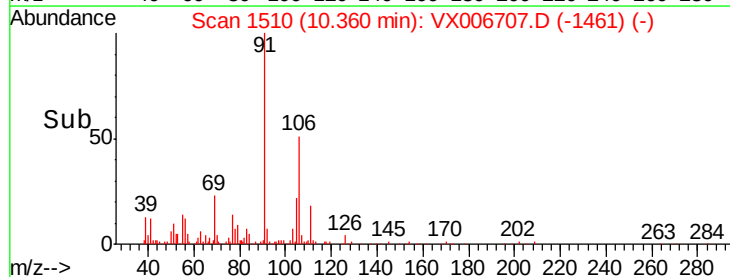
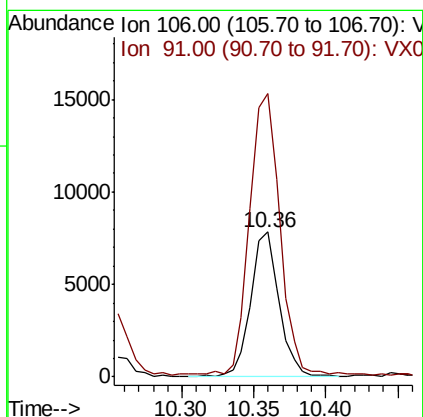
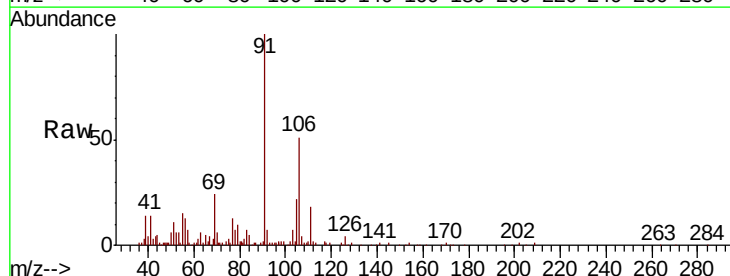
Instrument :
MSVOA_X
ClientSampled :

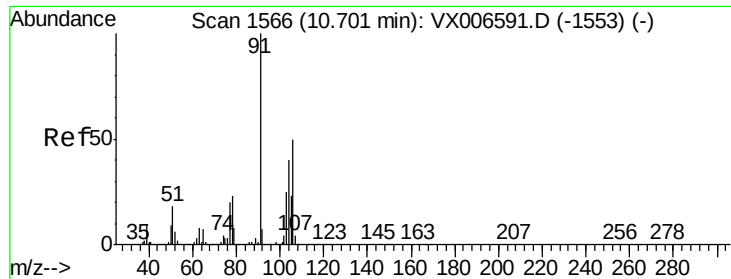
Tot Ion:117 Resp: 906372
Ion Ratio Lower Upper
117 100
82 50.8 41.0 61.6
119 33.1 25.4 38.0



#68
m/p-Xylenes
Concen: 0.865 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

Tgt Ion:106 Resp: 10699
Ion Ratio Lower Upper
106 100
91 206.7 155.8 233.6

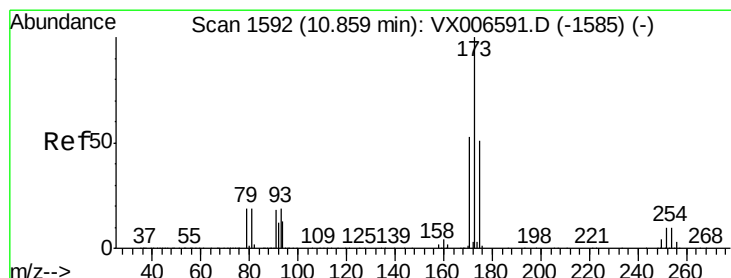
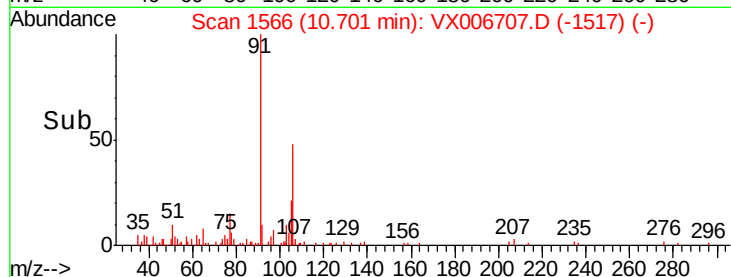
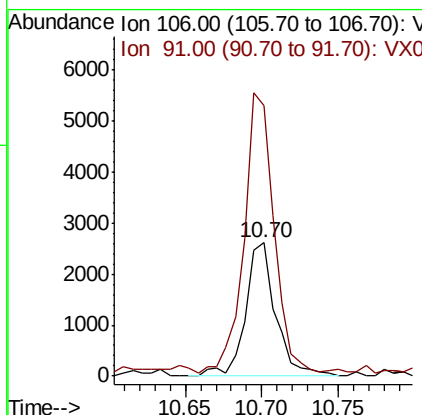
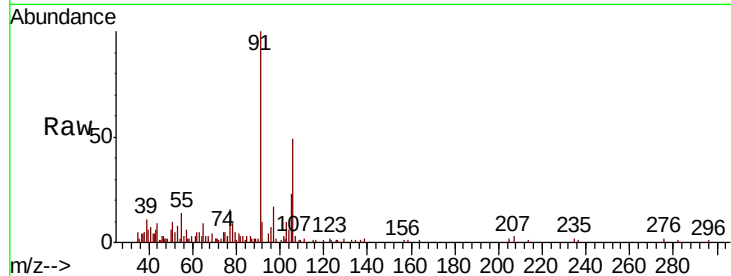




#69
o-Xylene
Concen: 0.294 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

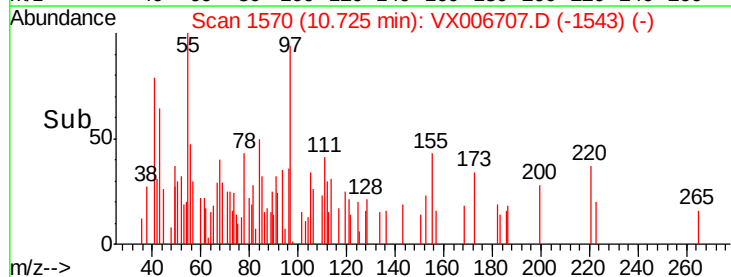
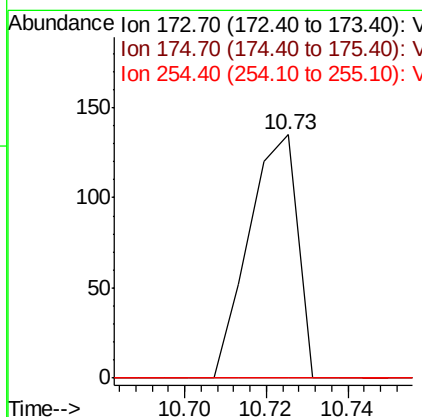
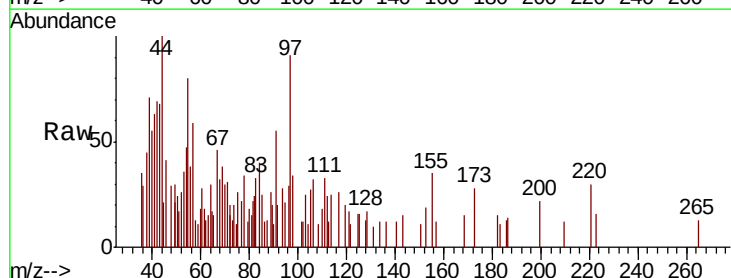
Instrument :
MSVOA_X
ClientSampled :

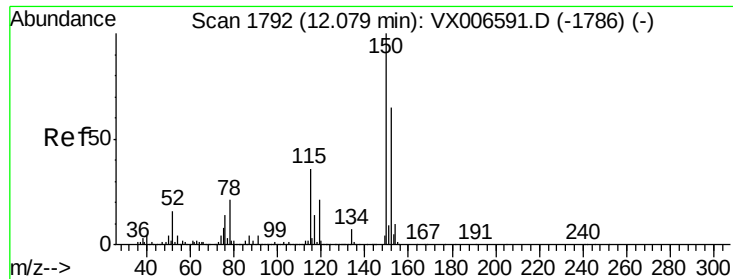
Tot Ion:106 Resp: 3594
Ion Ratio Lower Upper
106 100
91 207.7 101.3 303.7



#71
Bromoform
Concen: 4.479 ug/l
RT: 10.73 min Scan# 1570
Delta R.T. -0.13 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

Tgt Ion:173 Resp: 112
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#



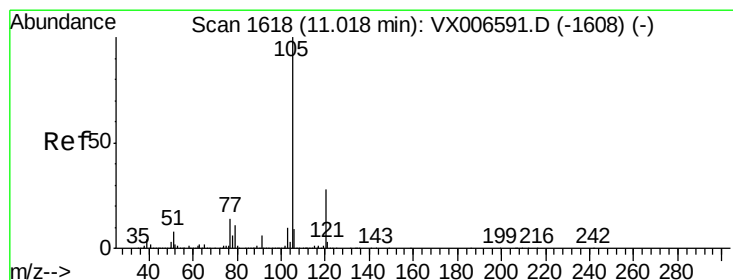
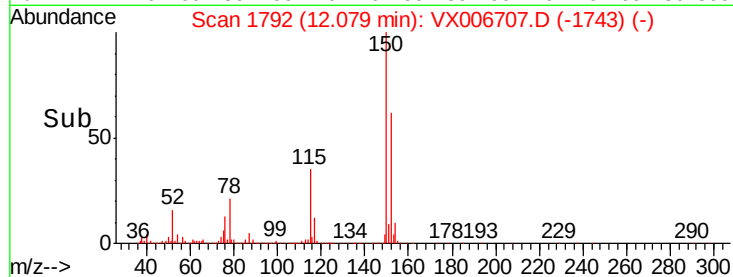
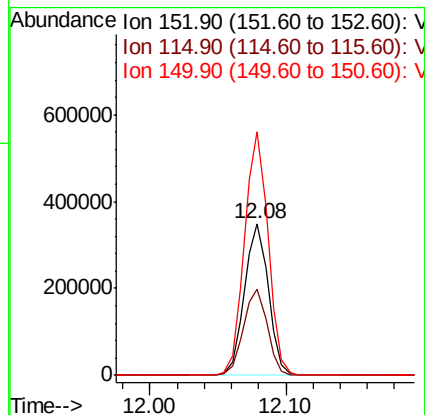
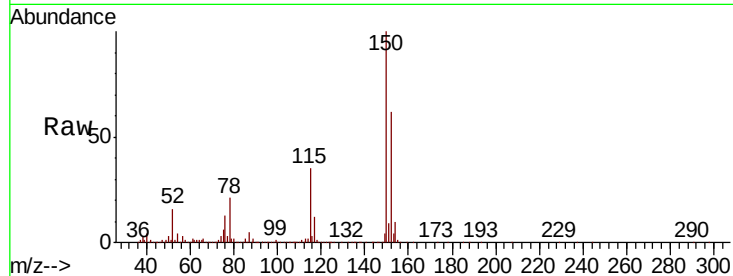


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :

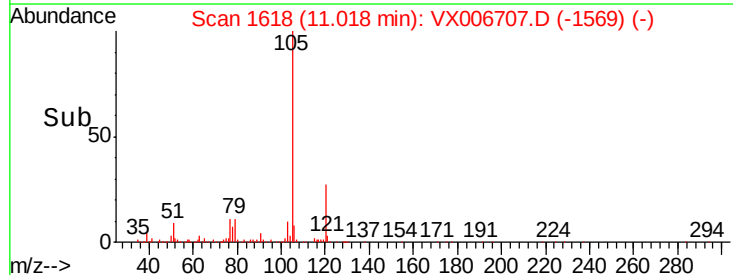
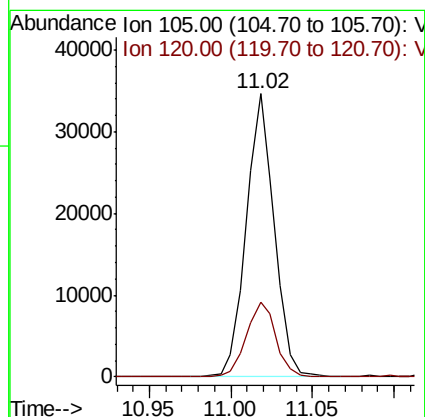
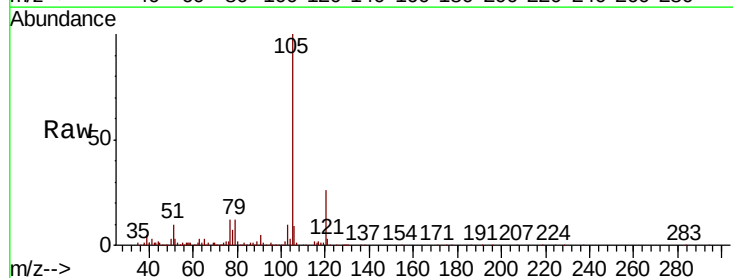
Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.1	117.2
150	159.0	0.0	344.8

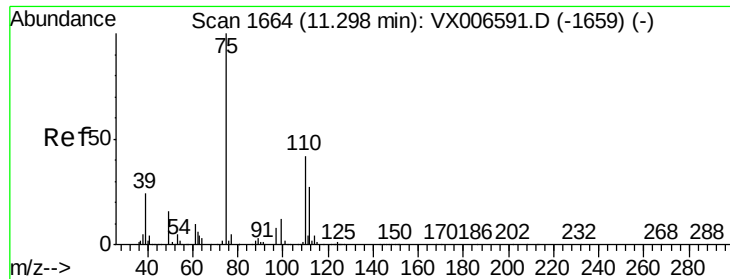


#73

Isopropylbenzene
Concen: 1.413 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	14.1	42.4





#76

1,2,3-Trichloropropane

Concen: 24.530 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

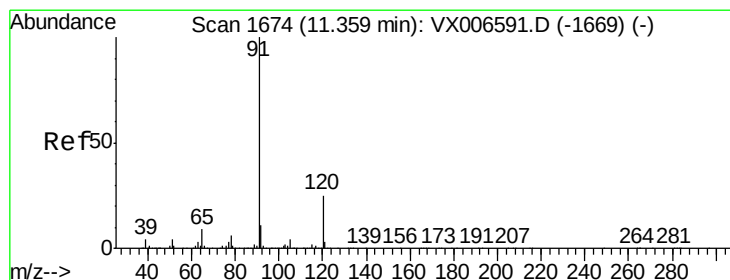
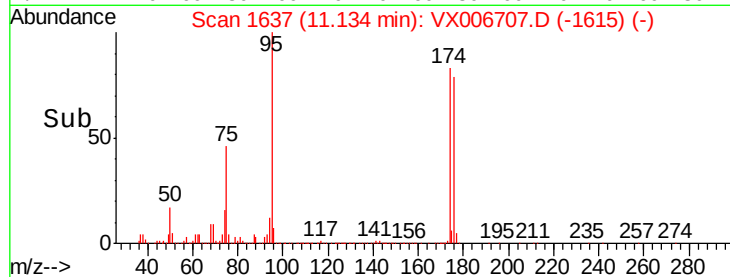
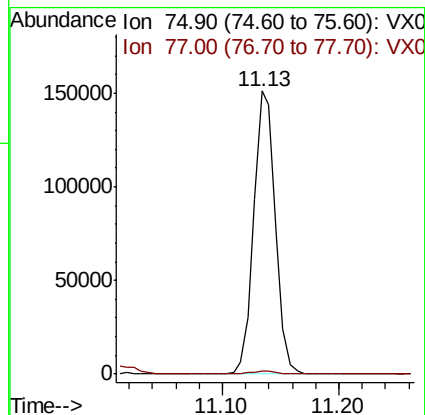
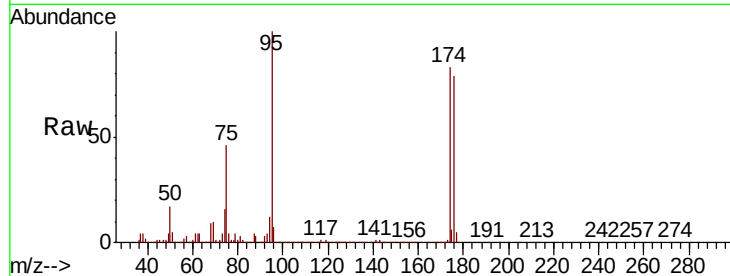
ClientSampleId :

Tot Ion: 75 Resp: 195214

Ion Ratio Lower Upper

75 100

77 1.4 18.5 55.5#



#78

n-propylbenzene

Concen: 2.128 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006707.D

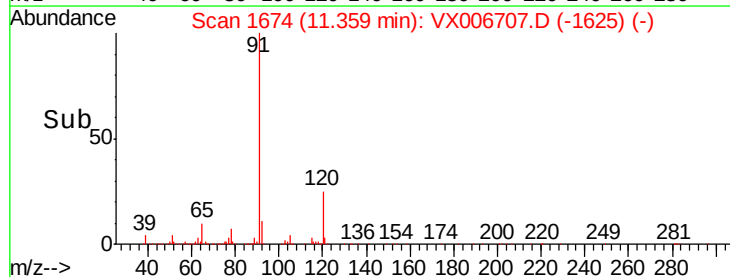
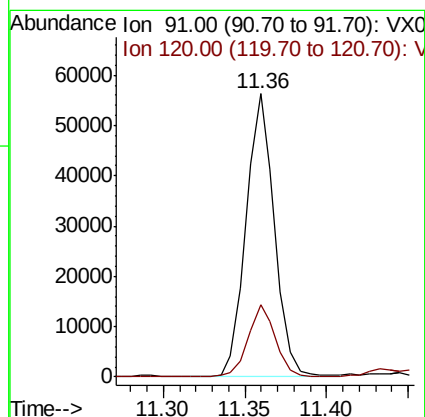
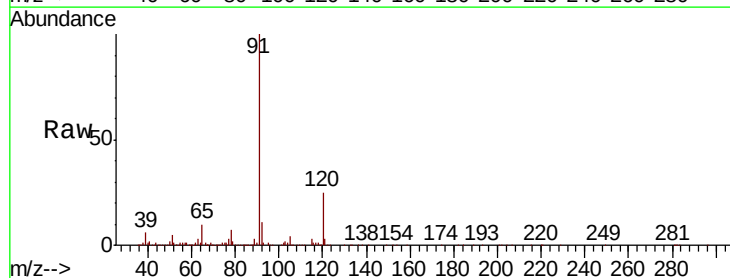
Acq: 21 Dec 2018 06:01

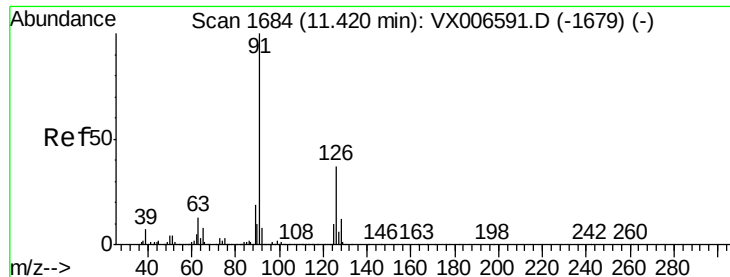
Tgt Ion: 91 Resp: 68656

Ion Ratio Lower Upper

91 100

120 24.5 12.7 38.0





#79

2-Chlorotoluene

Concen: 3.512 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

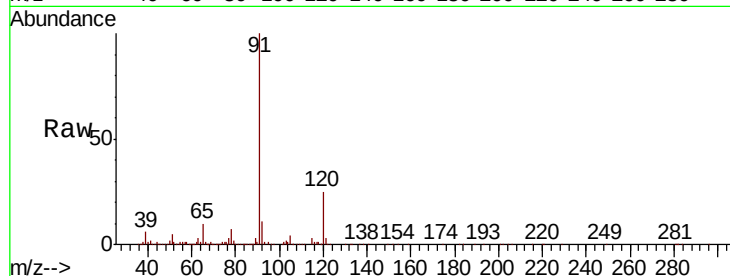
ClientSampleId :

Tot Ion: 91 Resp: 68656

Ion Ratio Lower Upper

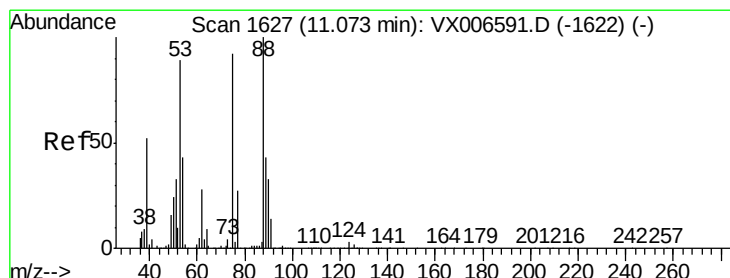
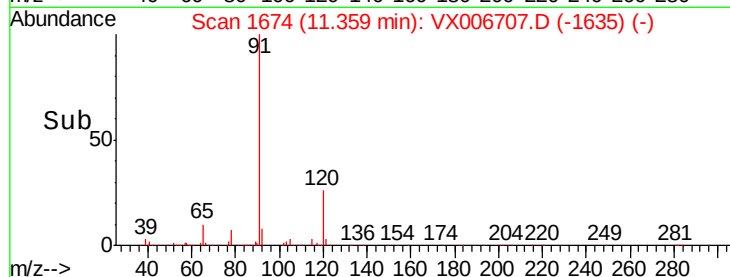
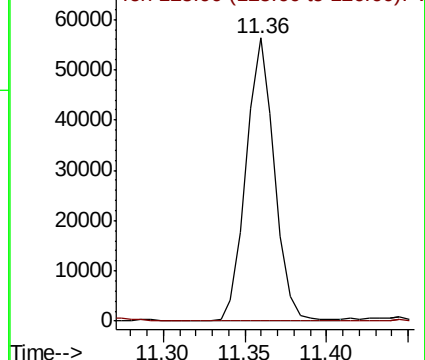
91 100

126 0.0 18.6 56.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 72.564 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

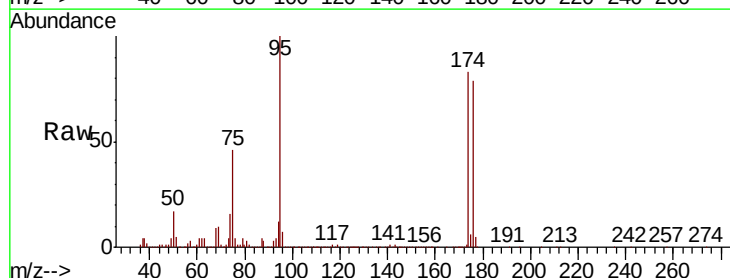
Tgt Ion: 75 Resp: 195214

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

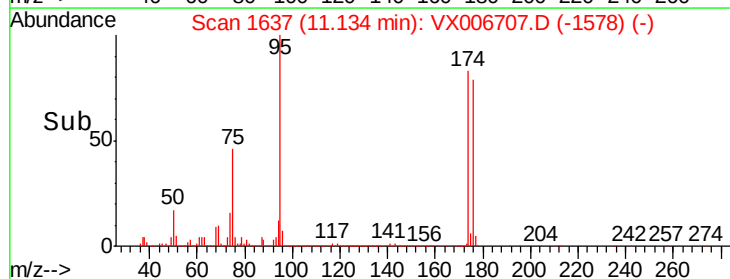
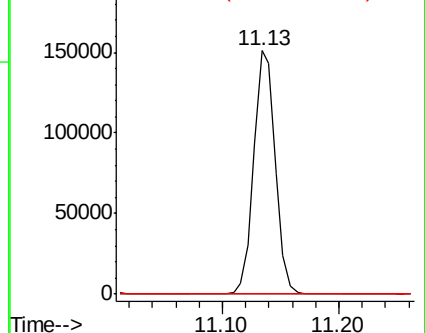
89 0.2 38.0 57.0#

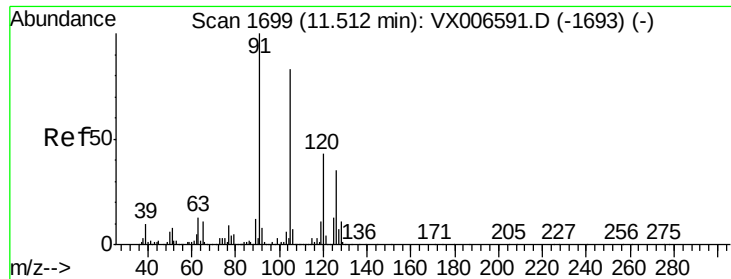


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 3.062 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

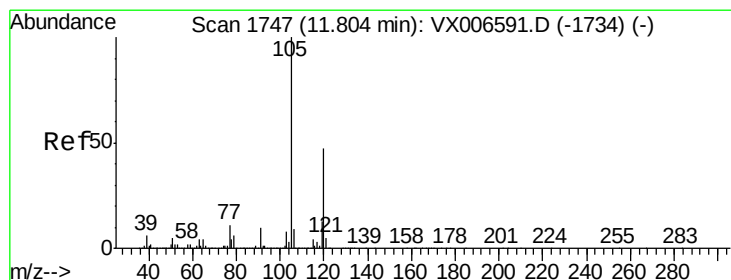
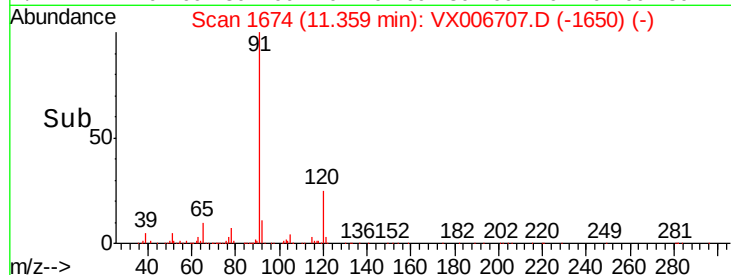
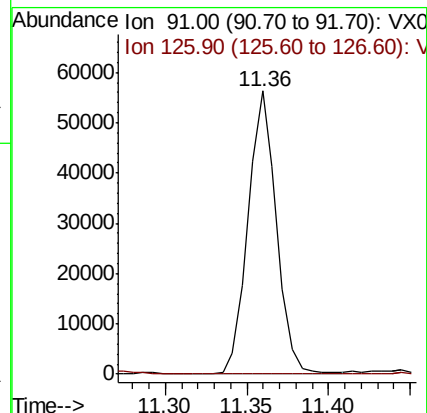
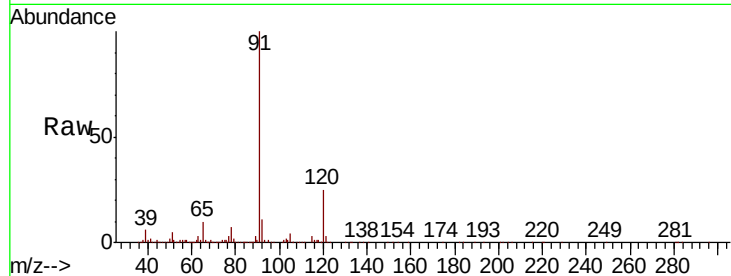
ClientSampleId :

Tot Ion: 91 Resp: 68656

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



#84

1,2,4-Trimethylbenzene

Concen: 0.330 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006707.D

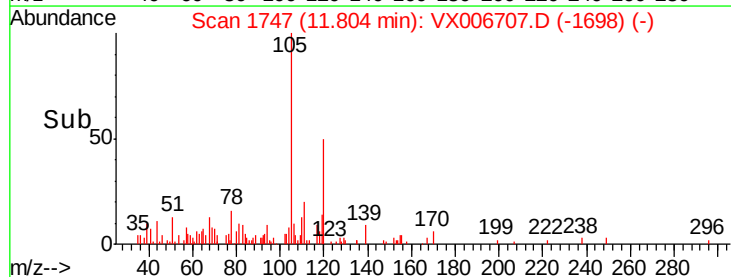
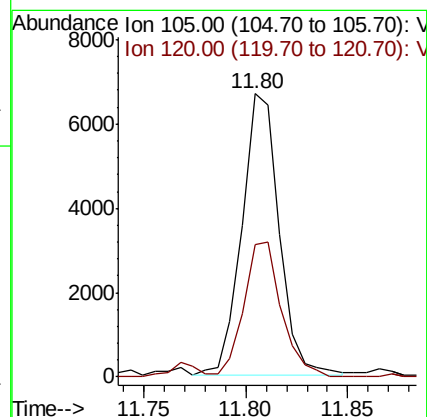
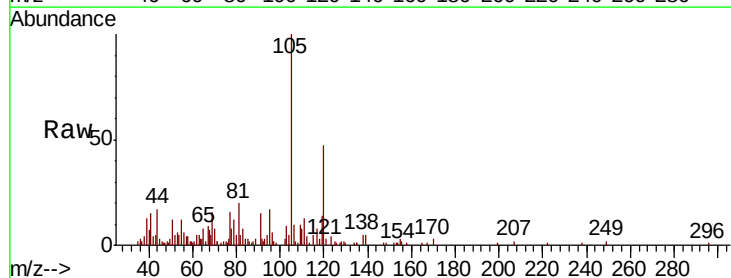
Acq: 21 Dec 2018 06:01

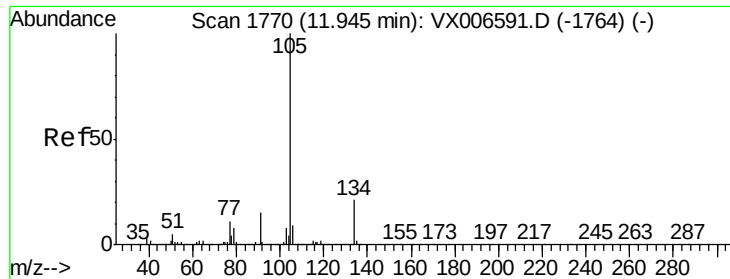
Tgt Ion: 105 Resp: 8387

Ion Ratio Lower Upper

105 100

120 49.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 0.358 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

Instrument :

MSVOA_X

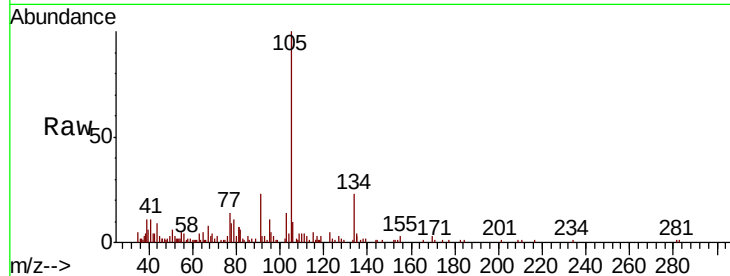
ClientSampleId :

Tot Ion:105 Resp: 10611

Ion Ratio Lower Upper

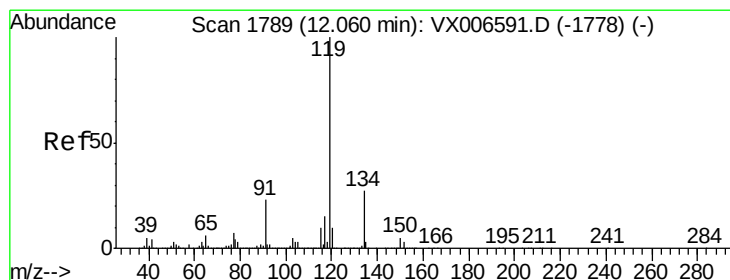
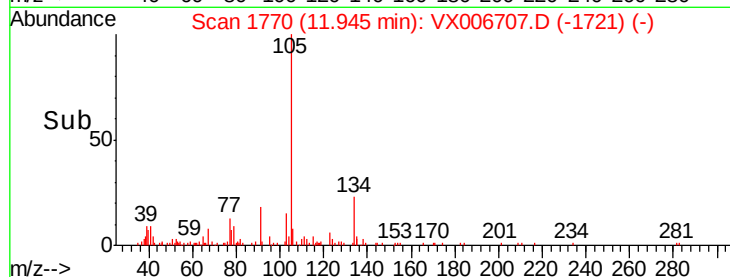
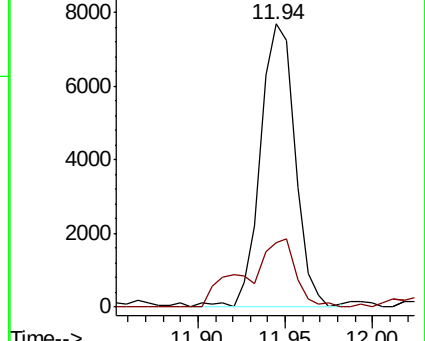
105 100

134 34.6 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.282 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX006707.D

Acq: 21 Dec 2018 06:01

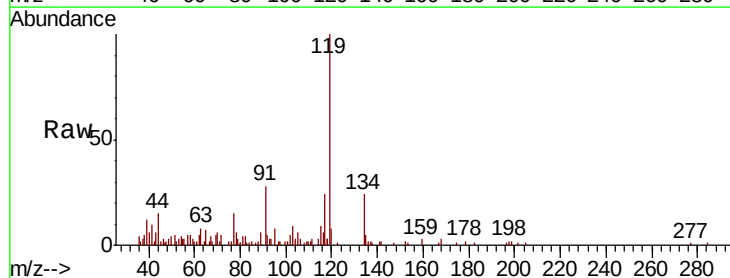
Tgt Ion:119 Resp: 7349

Ion Ratio Lower Upper

119 100

134 26.8 14.0 41.9

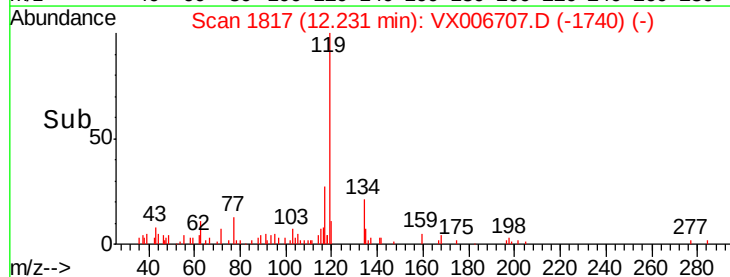
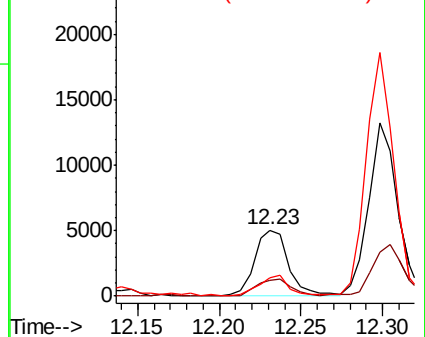
91 27.5 11.3 33.9

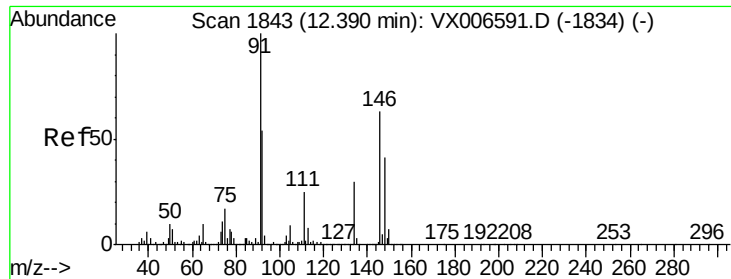


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

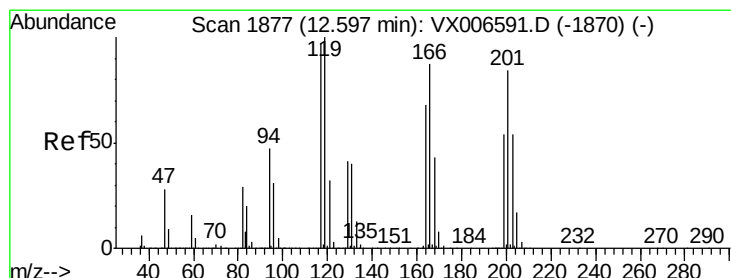
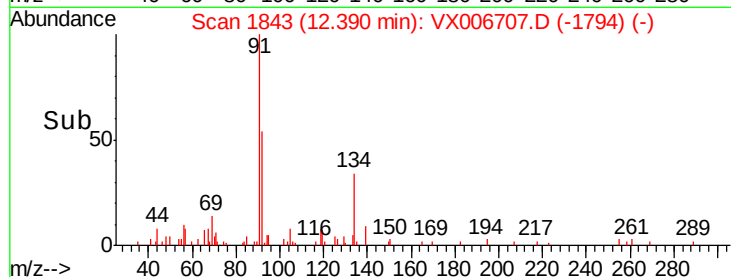
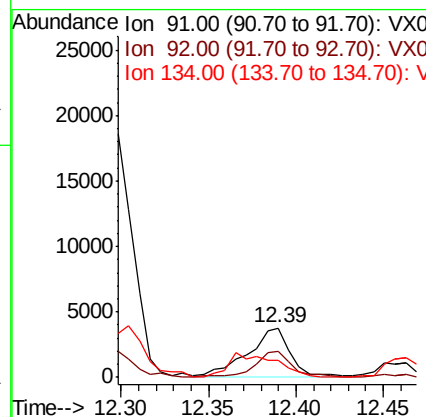
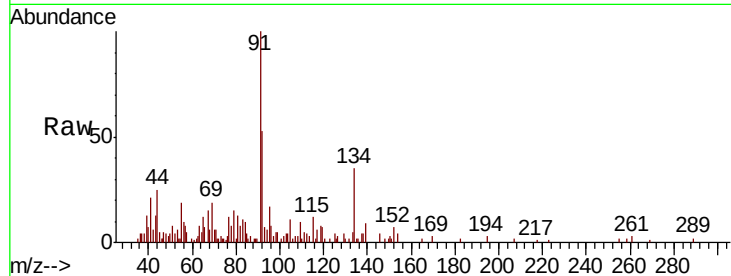




#89
n-Butylbenzene
Concen: 0.284 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

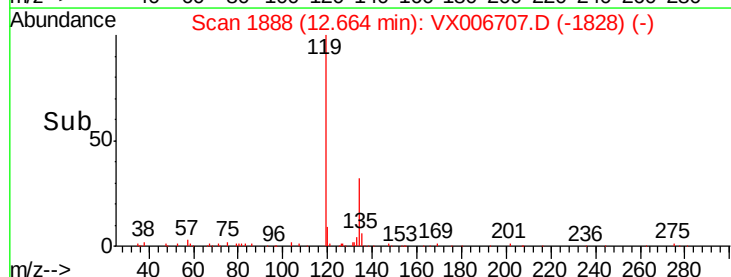
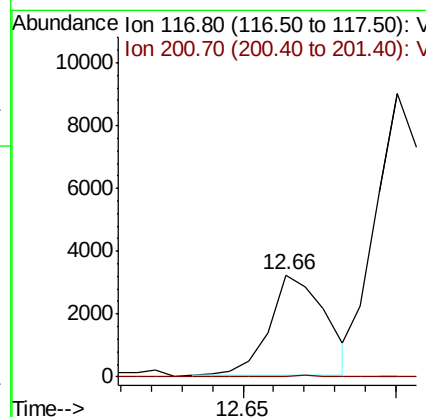
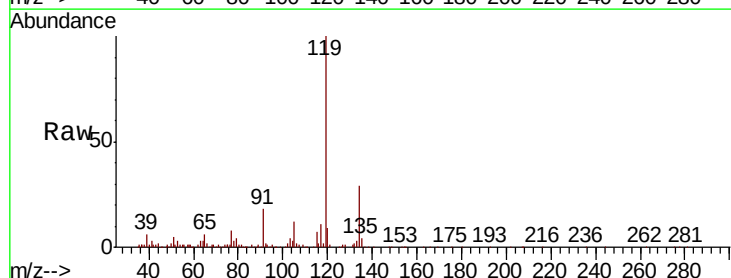
Instrument :
MSVOA_X
ClientSampled :

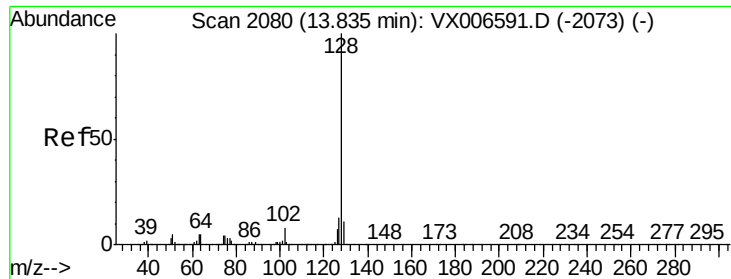
Tot Ion: 91 Resp: 6295
Ion Ratio Lower Upper
91 100
92 47.9 26.8 80.4
134 0.0 14.4 43.2#



#90
Hexachloroethane
Concen: 4.220 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

Tgt Ion: 117 Resp: 4040
Ion Ratio Lower Upper
117 100
201 0.7 42.9 128.7#





#95
Naphthalene
Concen: 0.253 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006707.D
Acq: 21 Dec 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	23.2	10.1	15.1#
129	22.2	8.6	13.0#

