

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006180.D
 Acq On : 26 Nov 2018 17:24
 Operator : JC/MD
 Sample : J5996-02DL 25X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01RDL

Quant Time: Nov 27 02:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	324480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	448161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227834	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	198294	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	5.51	113	160794	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	8.71	98	593940	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.14	95	212193	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	718	0.236	ug/l	97
5) Bromomethane	1.65	94	616	3.954	ug/l #	80
6) Chloroethane	1.73	64	1131	Below Cal	#	43
10) Methyl Iodide	2.53	142	658	0.218	ug/l #	74
11) Tert butyl alcohol	3.12	59	198	0.248	ug/l #	71
13) Acrolein	2.26	56	1685	3.521	ug/l #	1
15) Acrylonitrile	3.15	53	557	0.315	ug/l #	71
16) Acetone	2.44	43	1491	0.894	ug/l #	78
17) Carbon Disulfide	2.57	76	2587	0.409	ug/l	98
18) Methyl Acetate	2.78	43	1574	0.368	ug/l #	64
25) 2-Butanone	4.70	43	928	0.300	ug/l #	70
31) Cyclohexane	5.57	56	2027	0.401	ug/l #	83
36) 1,1-Dichloropropene	5.66	75	23354	5.272	ug/l #	51
38) Carbon Tetrachloride	5.66	117	29846	7.169	ug/l #	18
39) Methylcyclohexane	7.46	83	2038	0.404	ug/l #	84
40) Benzene	6.15	78	448007	34.330	ug/l	99
42) 1,2-Dichloroethane	6.20	62	2813	0.577	ug/l	97
49) 1,4-Dioxane	7.77	88	145	1.464	ug/l #	1
51) 4-Methyl-2-Pentanone	8.71	43	3778	0.640	ug/l #	1
52) Toluene	8.79	92	1225349	151.804	ug/l	98
53) t-1,3-Dichloropropene	8.79	75	14082	3.085	ug/l #	1
56) Ethyl methacrylate	9.15	69	116	2.885	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.12	63	197	6.785	ug/l	91
61) 1,2-Dibromoethane	9.67	107	10027	2.784	ug/l	100
65) Chlorobenzene	10.14	112	2136	0.232	ug/l #	85
67) Ethyl Benzene	10.25	91	190275	12.641	ug/l	99
68) m/p-Xylenes	10.36	106	235624	40.201	ug/l	99
69) o-Xylene	10.70	106	114685	20.485	ug/l	97
70) Styrene	10.70	104	7146	0.783	ug/l #	1
73) Isopropylbenzene	11.02	105	9001	0.653	ug/l	100
74) N-amyl acetate	10.88	43	245	2.226	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	107422	22.901	ug/l #	38
78) n-propylbenzene	11.36	91	27965	1.742	ug/l	100
79) 2-Chlorotoluene	11.43	91	17306	1.782	ug/l #	42

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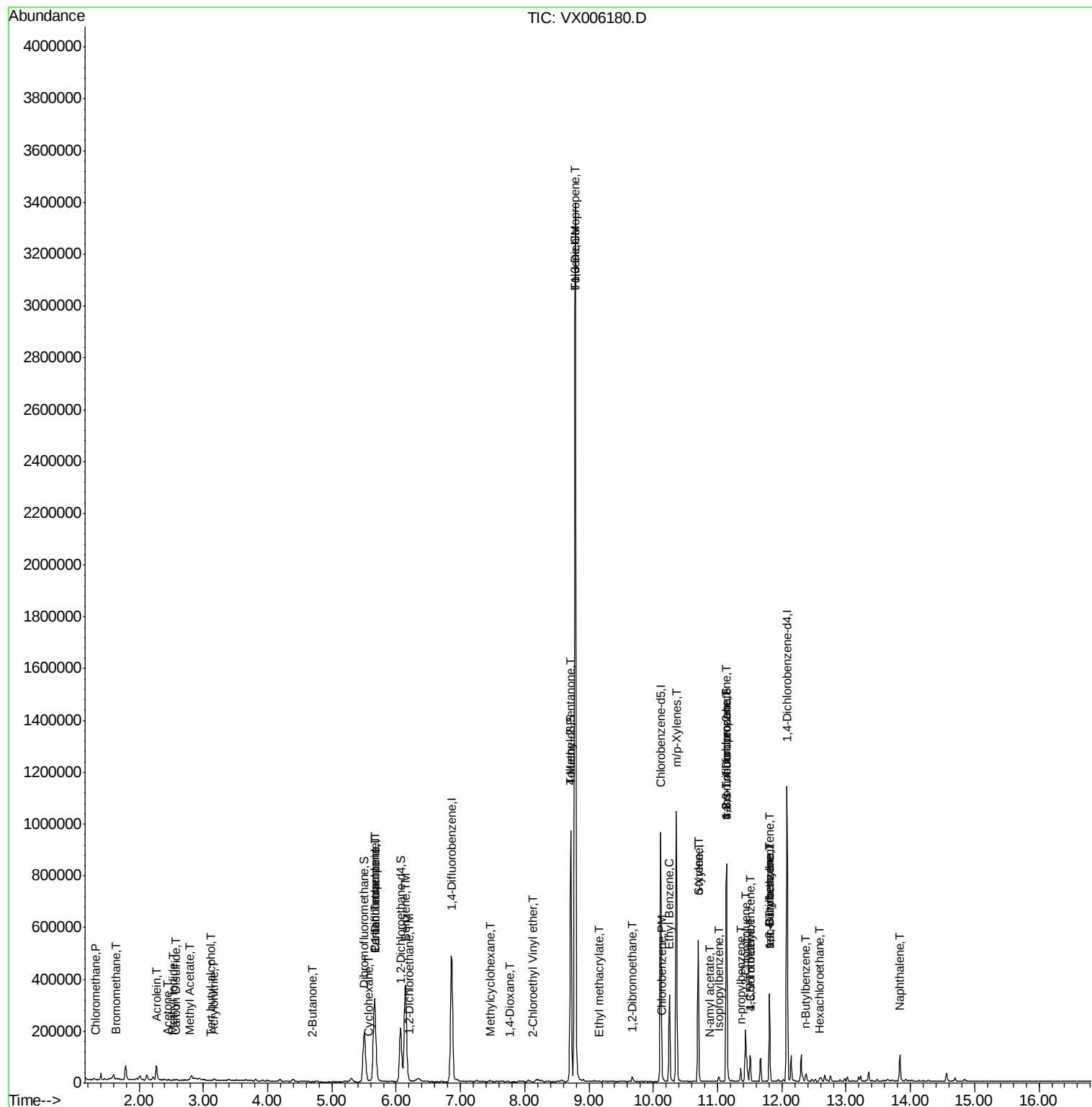
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	41973	3.611	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	107422	77.458	ug/l #	7
82) 4-Chlorotoluene	11.51	91	5038	0.444	ug/l #	58
83) tert-Butylbenzene	11.81	119	18668	1.645	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	146555	12.362	ug/l	98
85) sec-Butylbenzene	11.81	105	146555	10.560	ug/l #	56
89) n-Butylbenzene	12.38	91	4703	0.420	ug/l #	36
90) Hexachloroethane	12.58	117	989	0.501	ug/l #	14
95) Naphthalene	13.83	128	63196	4.191	ug/l	98

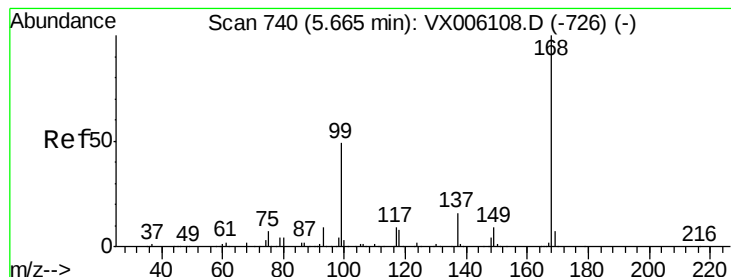
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

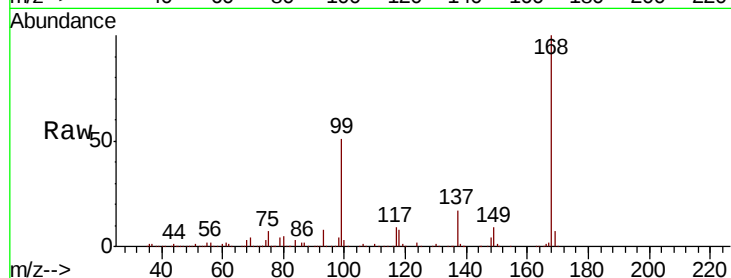
AOC2-01RDL

Tot Ion:168 Resp: 324480

Ion Ratio Lower Upper

168 100

99 51.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

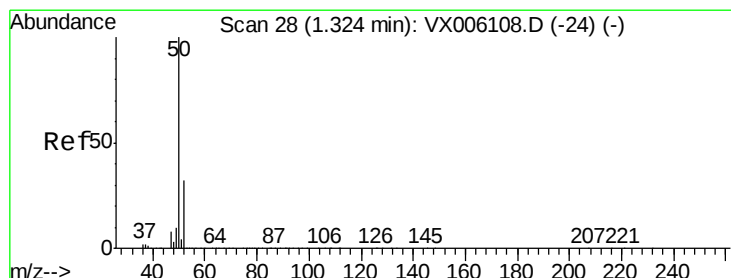
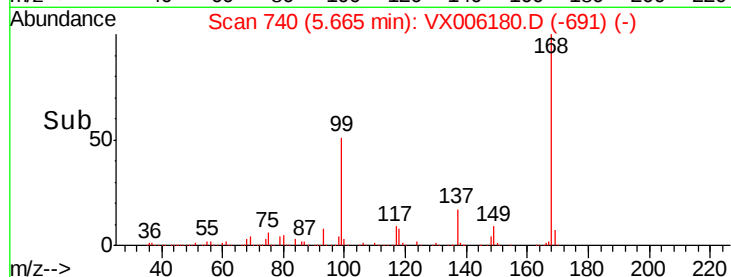
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.236 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX006180.D

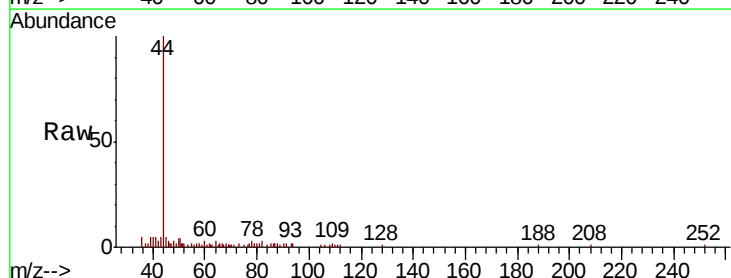
Acq: 26 Nov 2018 17:24

Tgt Ion: 50 Resp: 718

Ion Ratio Lower Upper

50 100

52 30.3 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.34

500

400

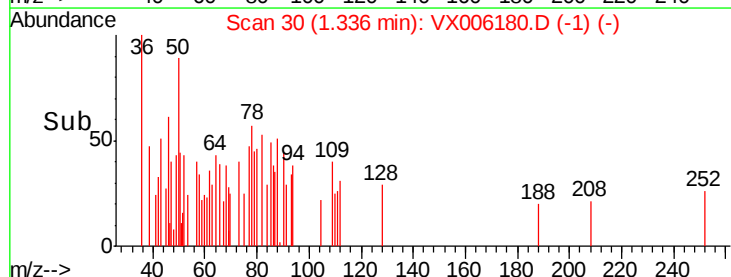
300

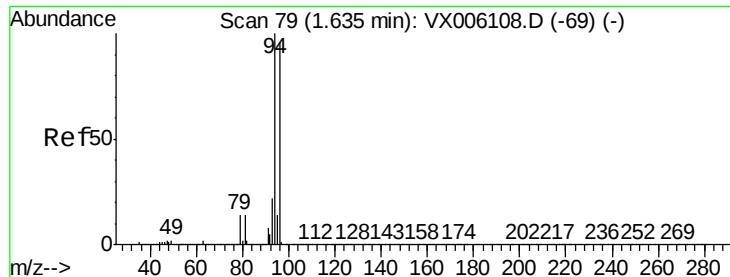
200

100

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 3.954 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

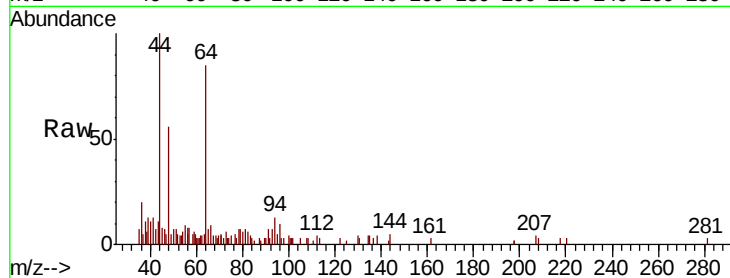
AOC2-01RDL

Tot Ion: 94 Resp: 616

Ion Ratio Lower Upper

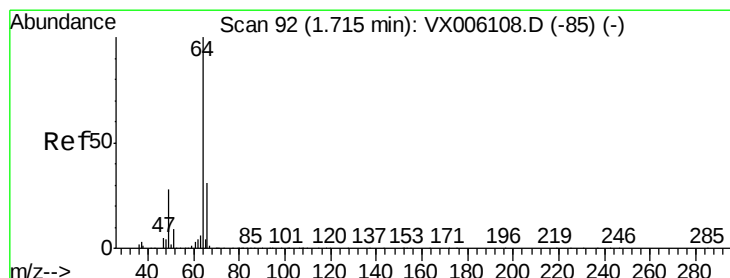
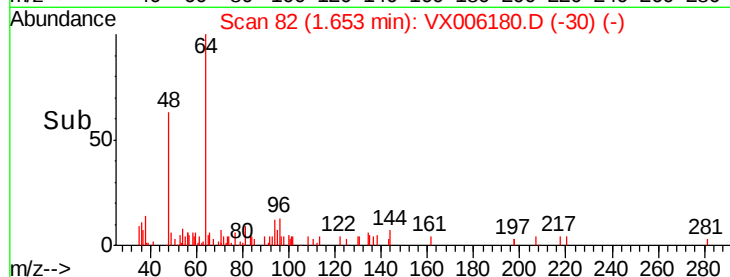
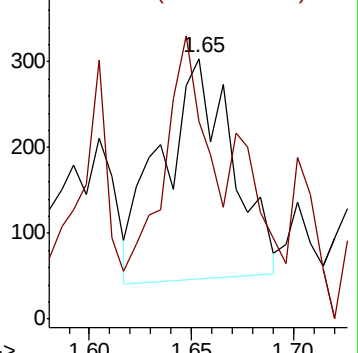
94 100

96 76.7 76.7 115.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006180.D

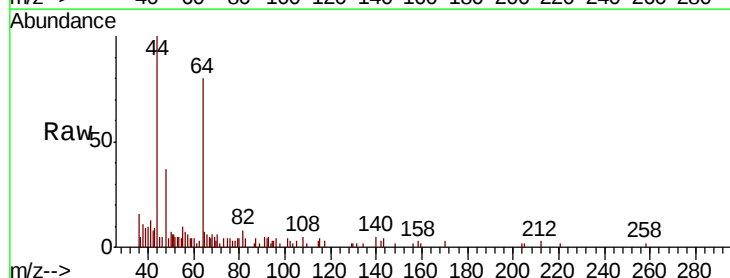
Acq: 26 Nov 2018 17:24

Tgt Ion: 64 Resp: 1131

Ion Ratio Lower Upper

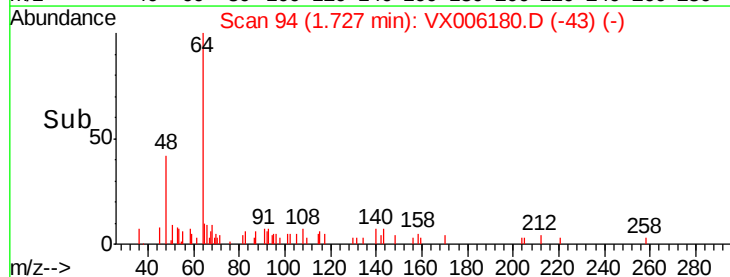
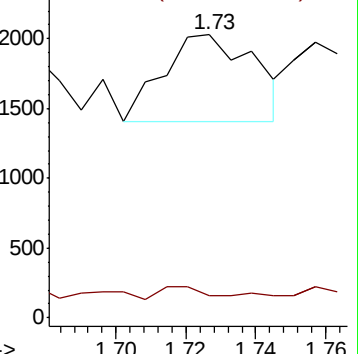
64 100

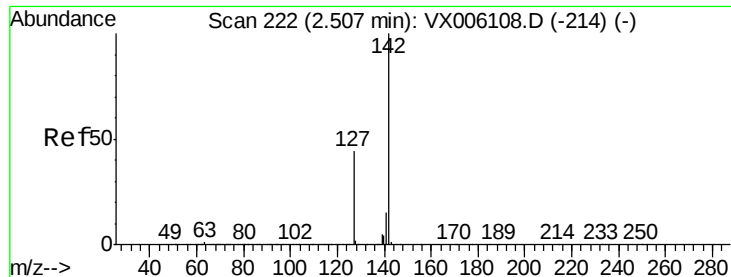
66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

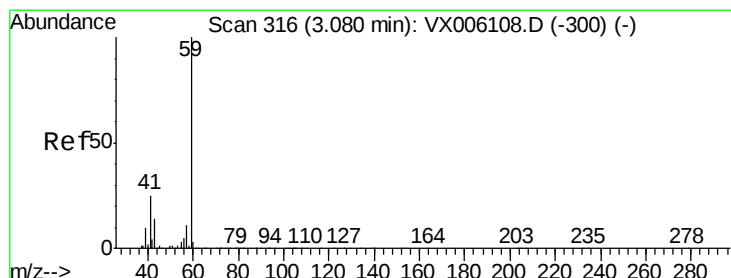
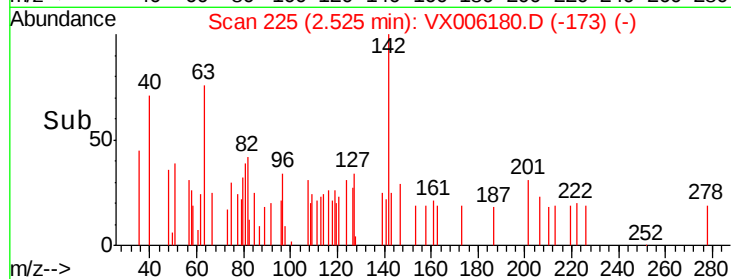
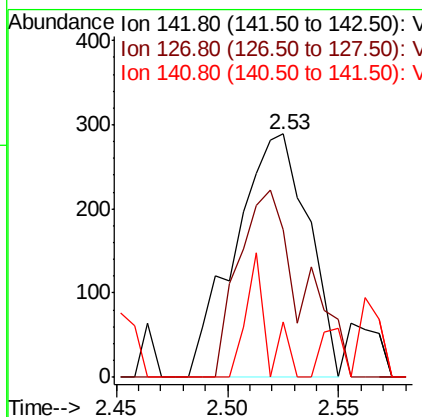
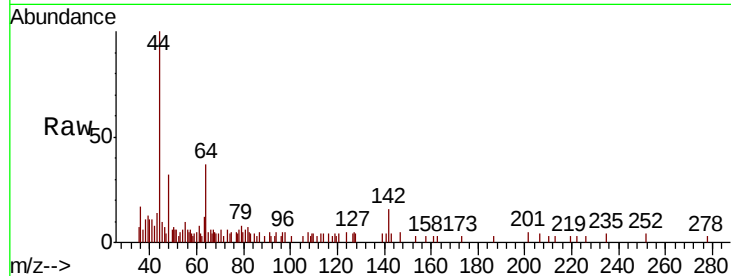




#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

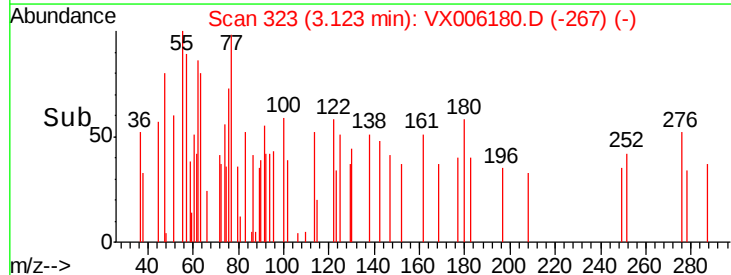
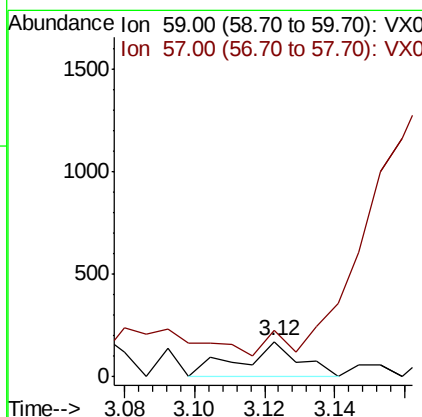
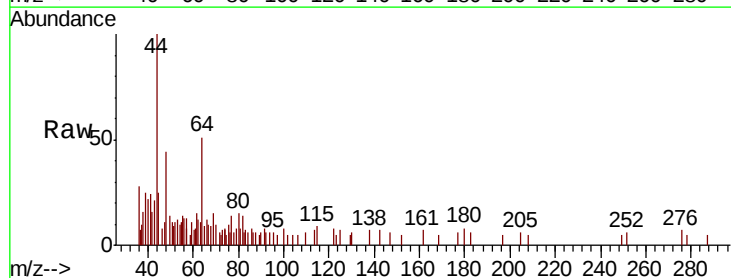
Instrument :
MSVOA_X
ClientSampled :
AOC2-01RDL

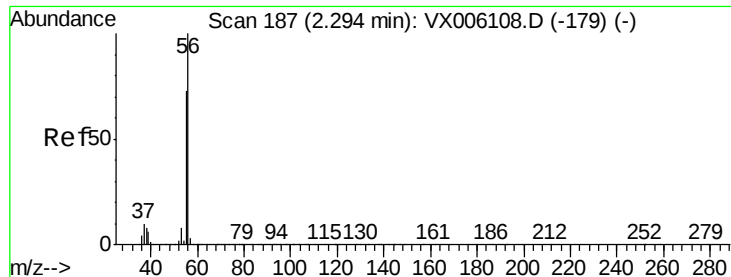
Tot Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
127 67.3 36.0 54.0#
141 15.2 11.7 17.5



#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 3.12 min Scan# 323
Delta R.T. 0.04 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 3.521 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

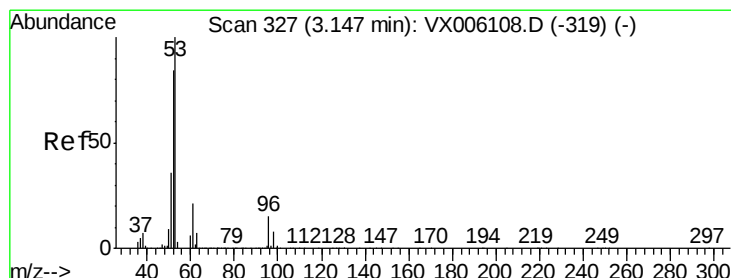
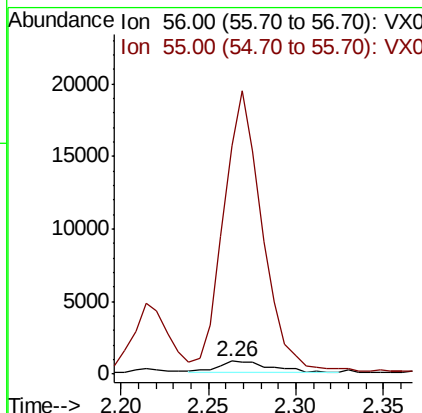
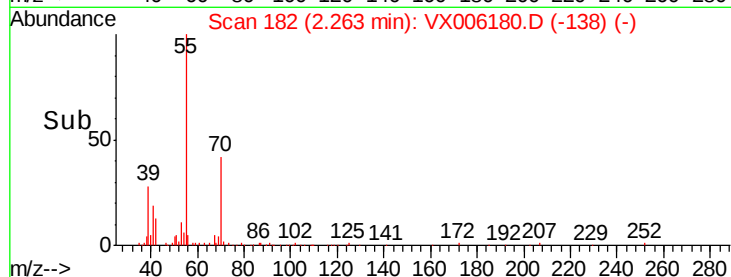
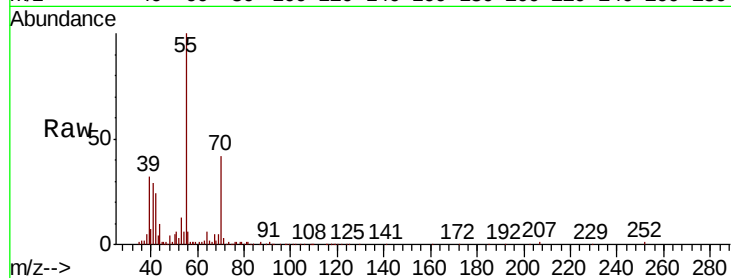
AOC2-01RDL

Tot Ion: 56 Resp: 1685

Ion Ratio Lower Upper

56 100

55 1761.9 57.8 86.6#



#15

Acrylonitrile

Concen: 0.315 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

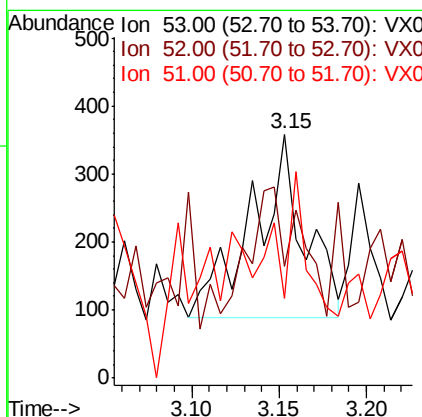
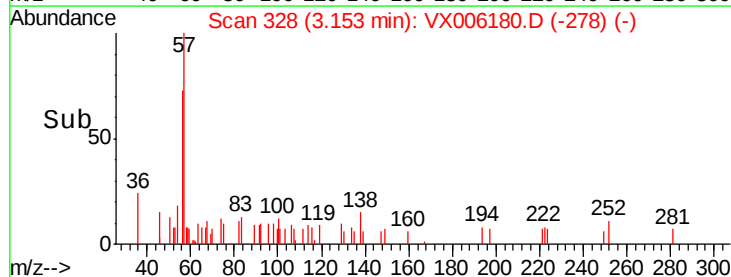
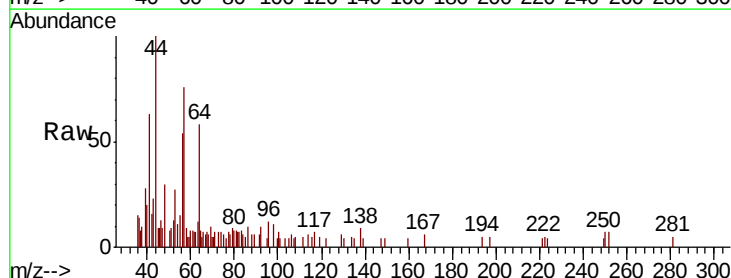
Tgt Ion: 53 Resp: 557

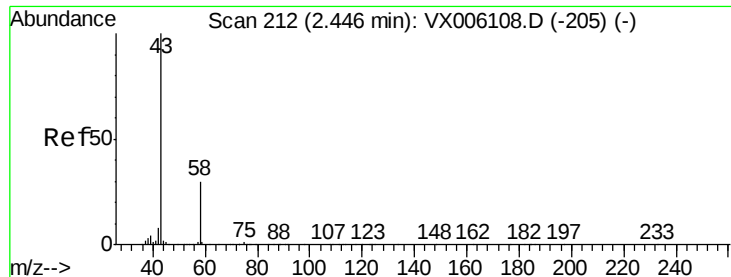
Ion Ratio Lower Upper

53 100

52 64.8 66.4 99.6#

51 7.4 29.4 44.0#





#16

Acetone

Concen: 0.894 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

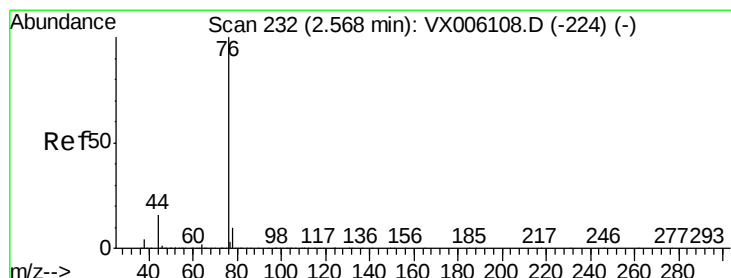
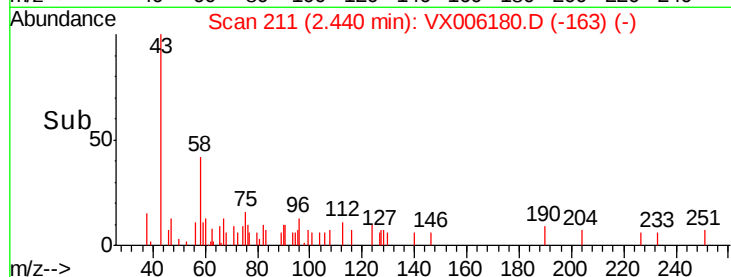
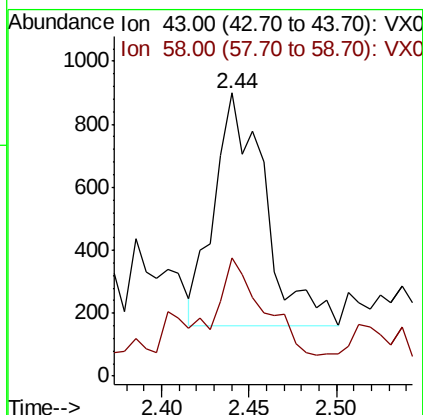
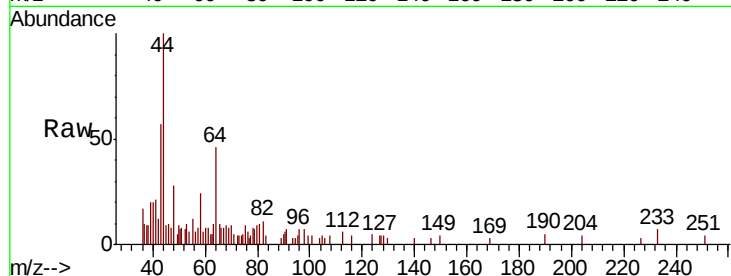
AOC2-01RDL

Tot Ion: 43 Resp: 1491

Ion Ratio Lower Upper

43 100

58 41.5 23.8 35.8#



#17

Carbon Disulfide

Concen: 0.409 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006180.D

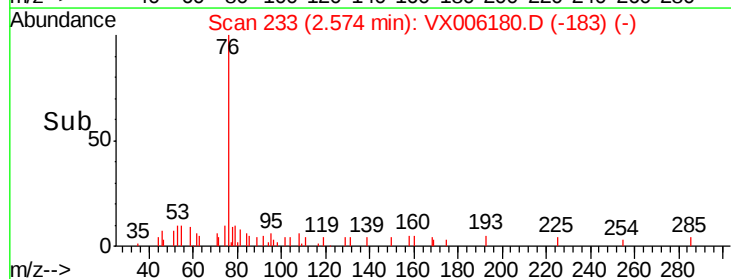
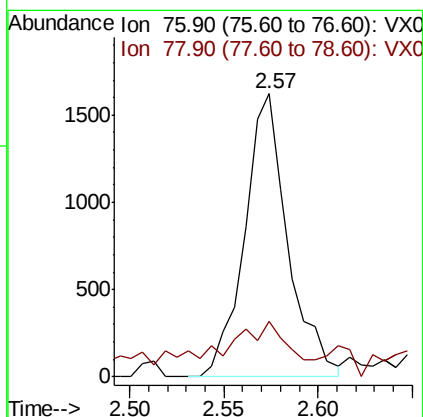
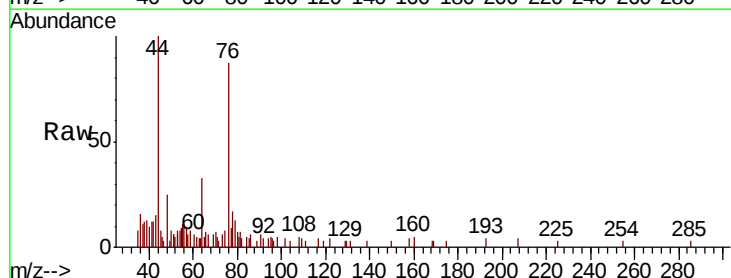
Acq: 26 Nov 2018 17:24

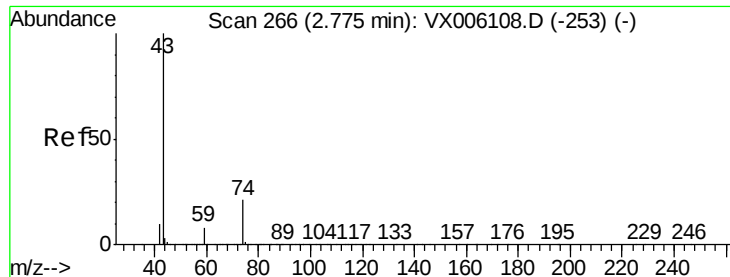
Tgt Ion: 76 Resp: 2587

Ion Ratio Lower Upper

76 100

78 10.3 7.7 11.5

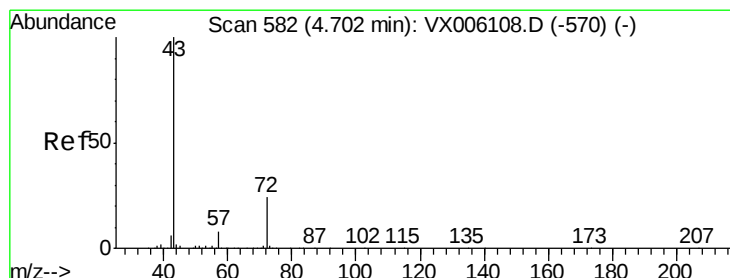
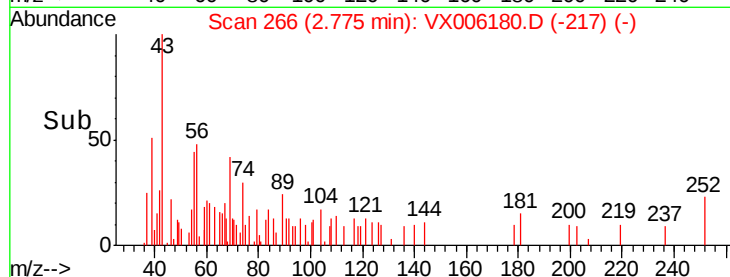
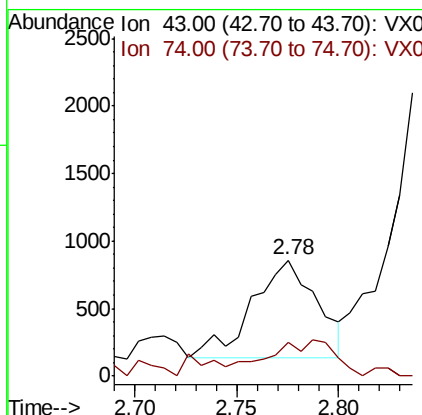
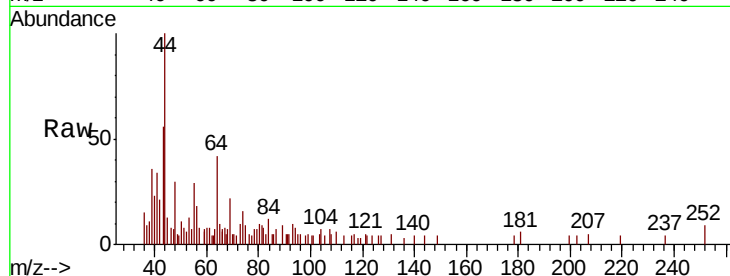




#18
Methvl Acetate
Concen: 0.368 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

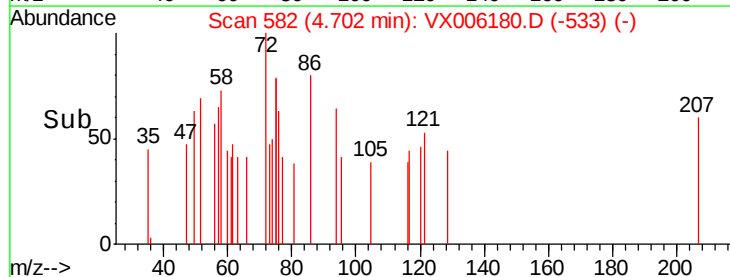
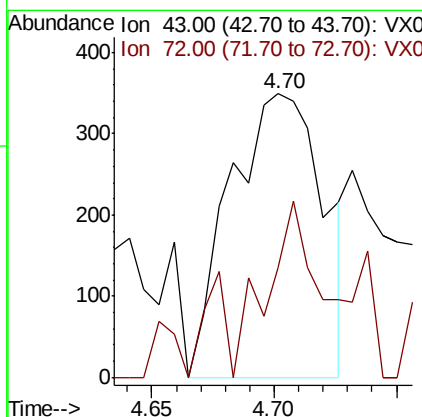
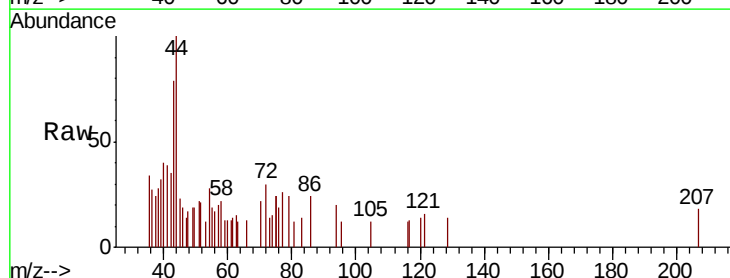
Instrument :
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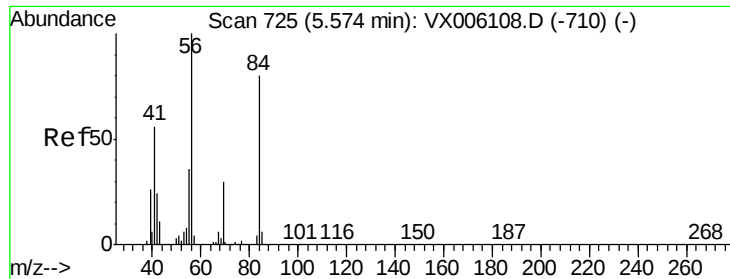
Tot Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
74 38.4 17.3 25.9#



#25
2-Butanone
Concen: 0.300 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
72 38.7 19.2 28.8#

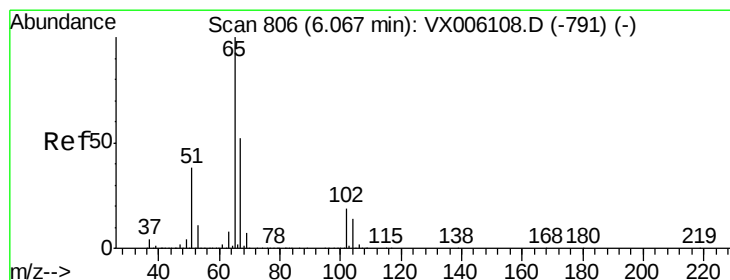
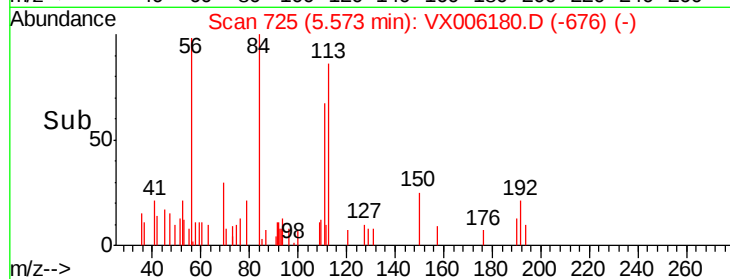
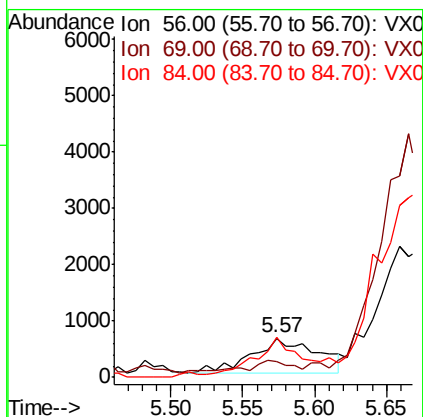
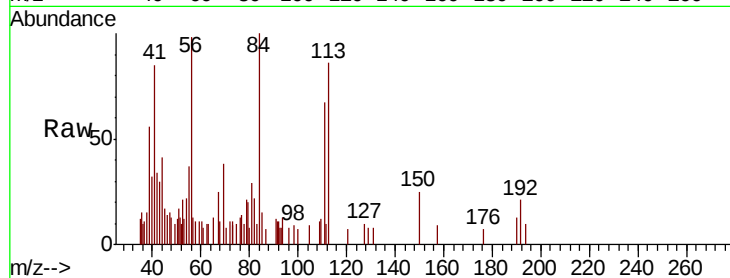




#31
Cyclohexane
Concen: 0.401 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

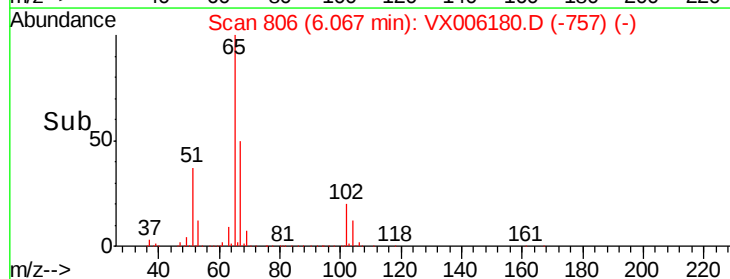
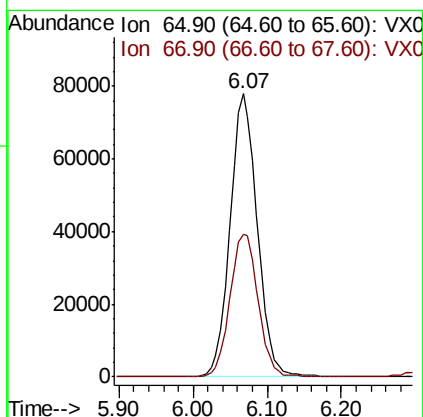
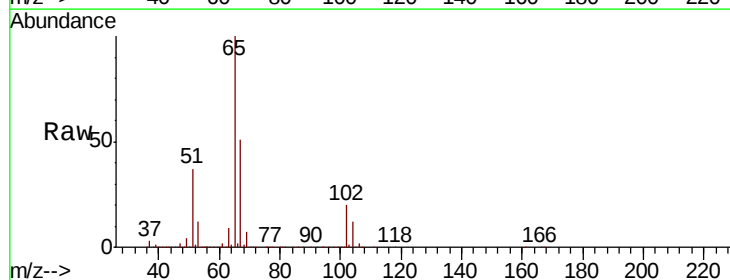
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01RDL

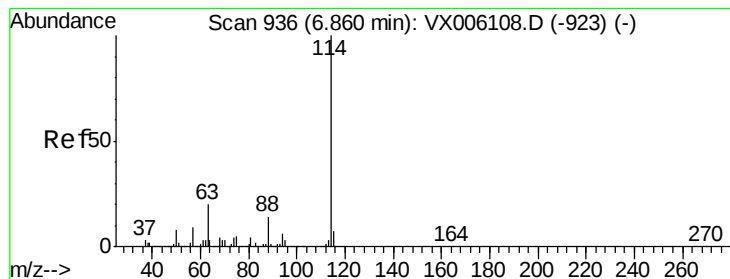
Tot Ion: 56 Resp: 2027
Ion Ratio Lower Upper
56 100
69 23.5 23.9 35.9#
84 96.3 63.6 95.4#



#33
1,2-Dichloroethane-d4
Concen: 52.739 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion: 65 Resp: 198294
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

AOC2-01RDL

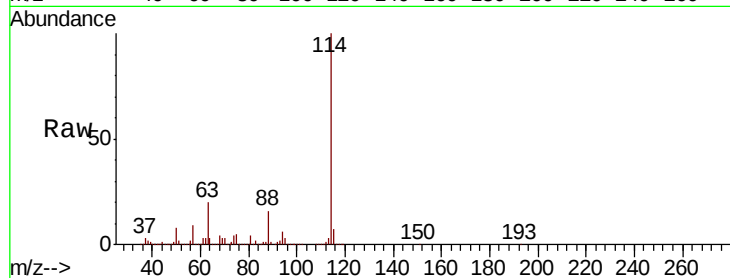
Tot Ion:114 Resp: 486892

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

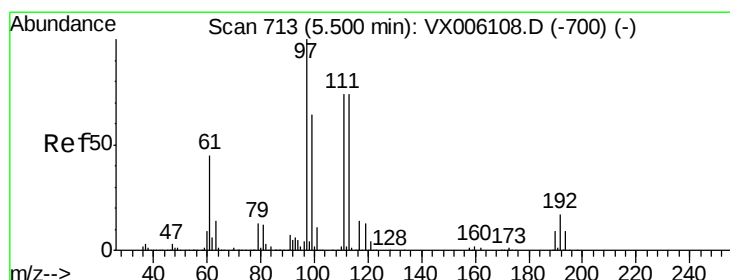
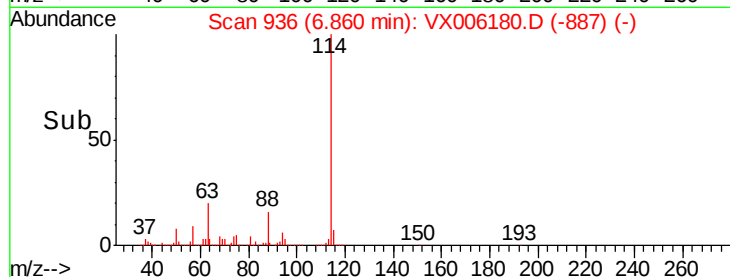
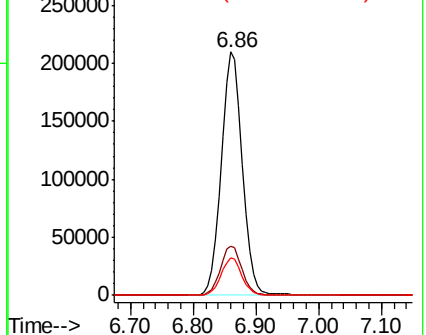
88 15.6 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.447 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

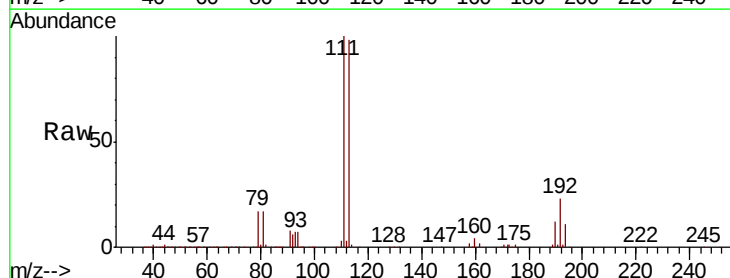
Tgt Ion:113 Resp: 160794

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

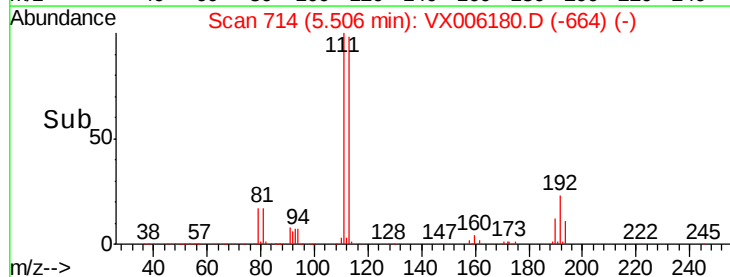
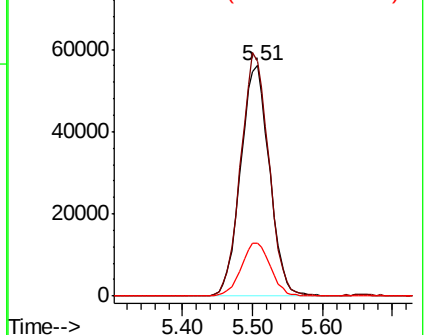
192 23.4 18.6 28.0

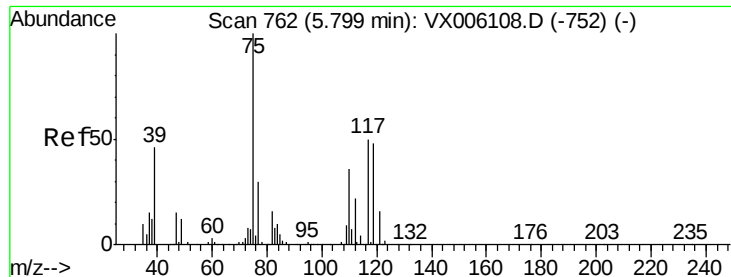


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.272 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

AOC2-01RDL

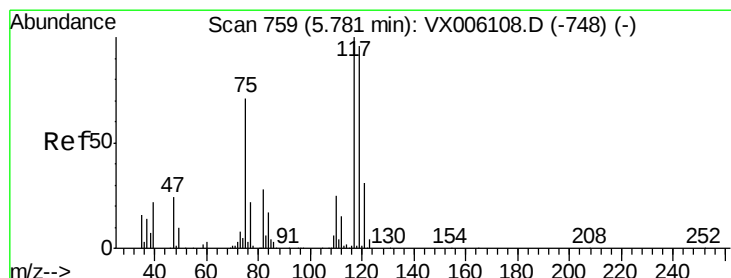
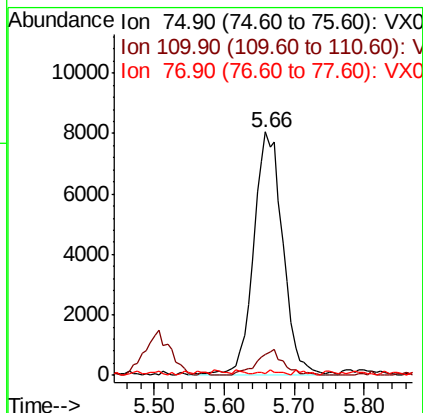
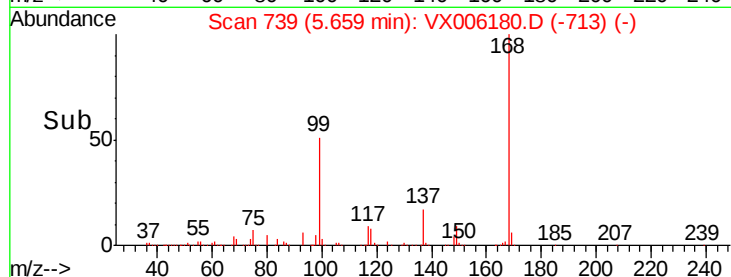
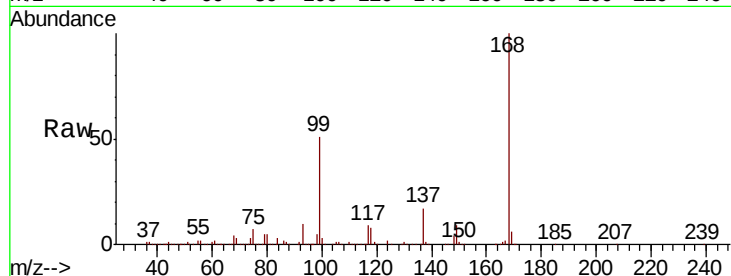
Tot Ion: 75 Resp: 23354

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.3#

77 1.3 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 7.169 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

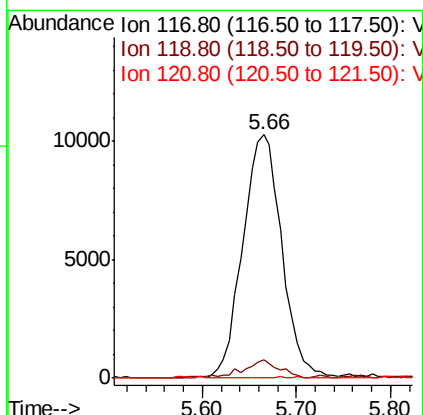
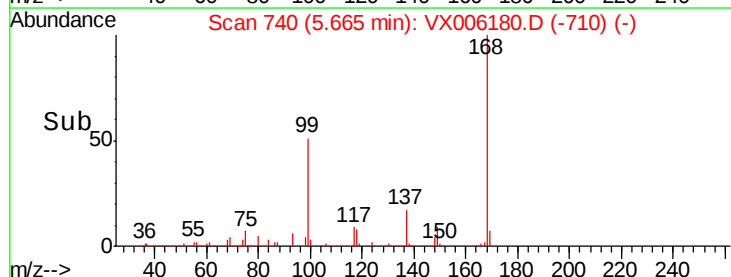
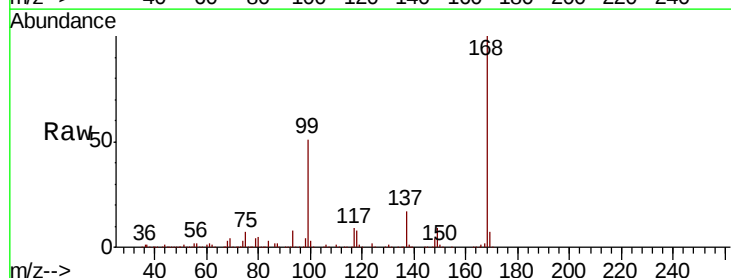
Tgt Ion:117 Resp: 29846

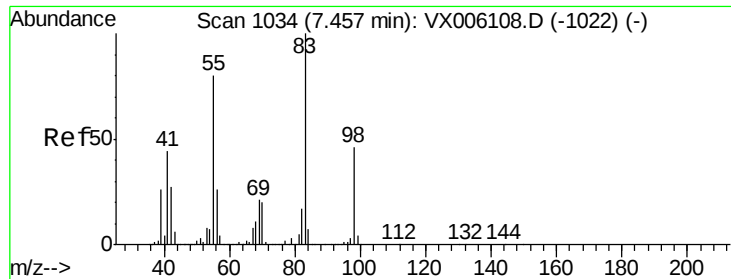
Ion Ratio Lower Upper

117 100

119 7.4 76.3 114.5#

121 0.0 24.7 37.1#

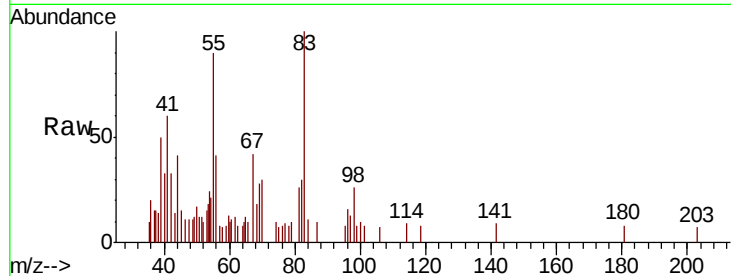




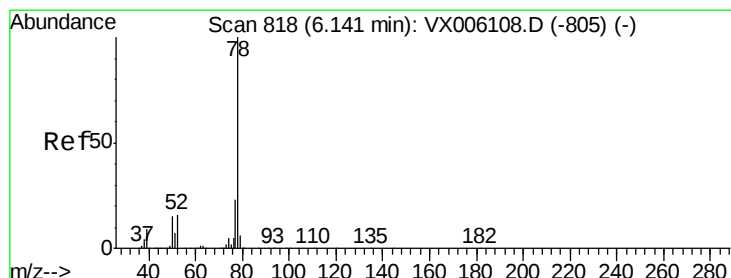
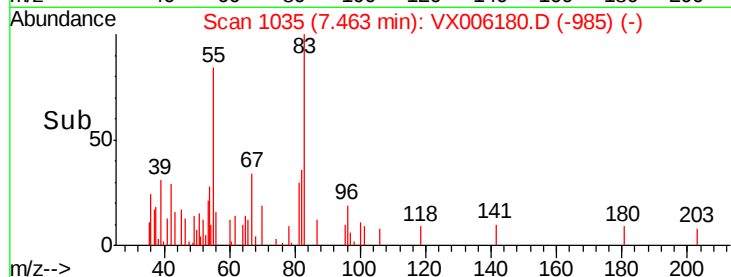
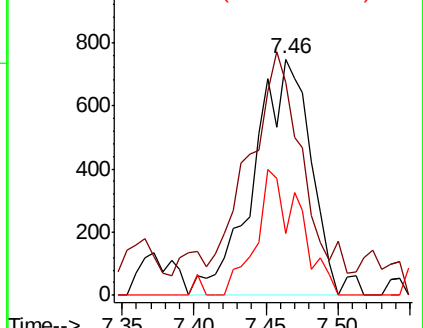
#39
Methvlcvclohexane
Concen: 0.404 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
AOC2-01RDL

Tot Ion: 83 Resp: 2038
Ion Ratio Lower Upper
83 100
55 72.4 63.9 95.9
98 26.0 36.8 55.2#

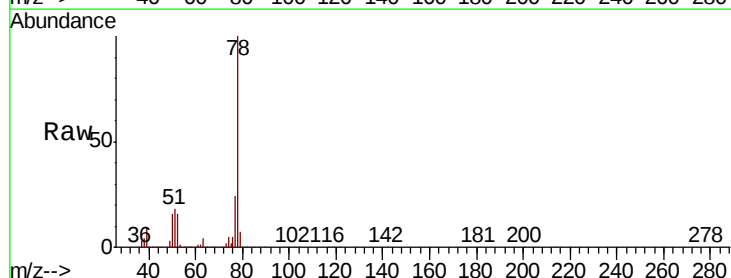


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

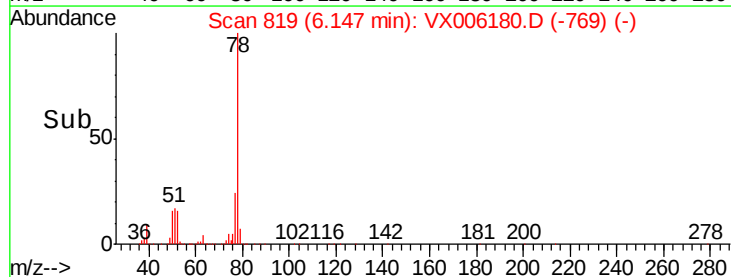
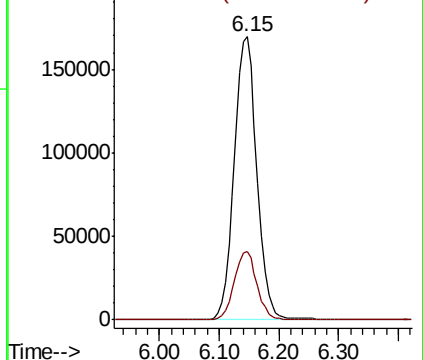


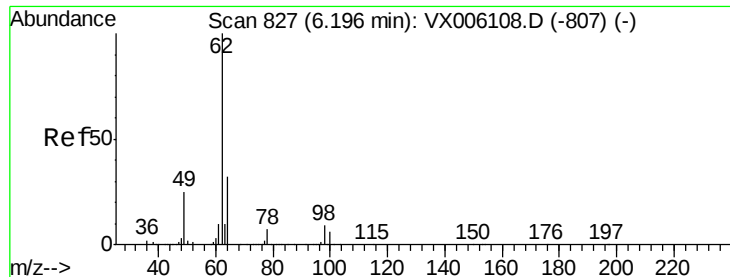
#40
Benzene
Concen: 34.330 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion: 78 Resp: 448007
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.577 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

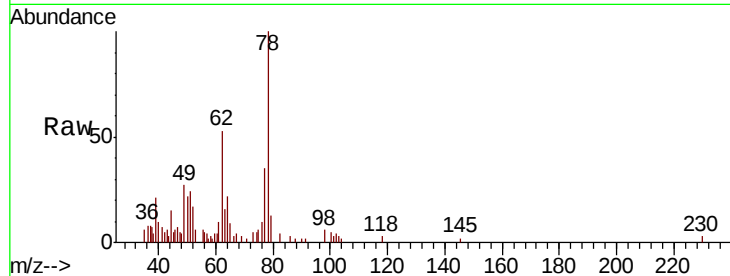
AOC2-01RDL

Tot Ion: 62 Resp: 2813

Ion Ratio Lower Upper

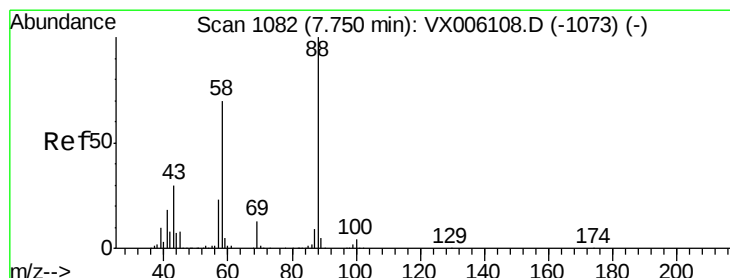
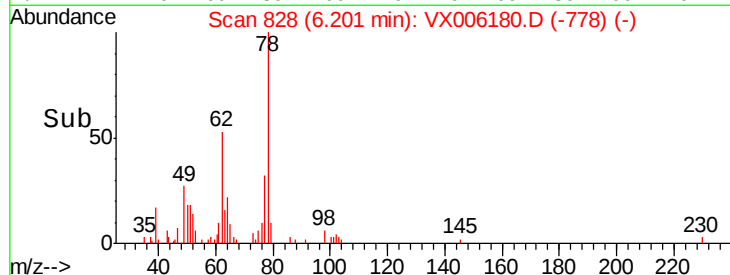
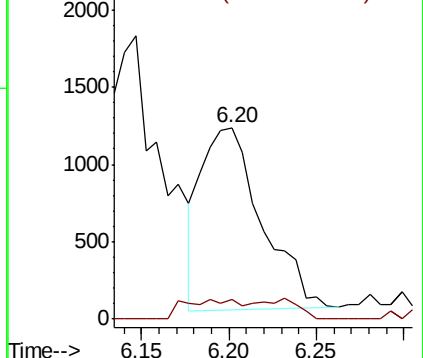
62 100

98 9.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#49

1,4-Dioxane

Concen: 1.464 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

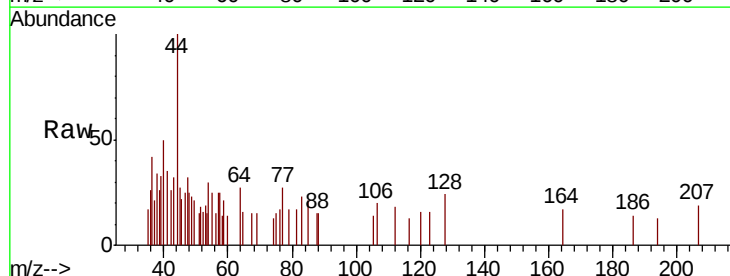
Tgt Ion: 88 Resp: 145

Ion Ratio Lower Upper

88 100

43 68.3 26.7 40.1#

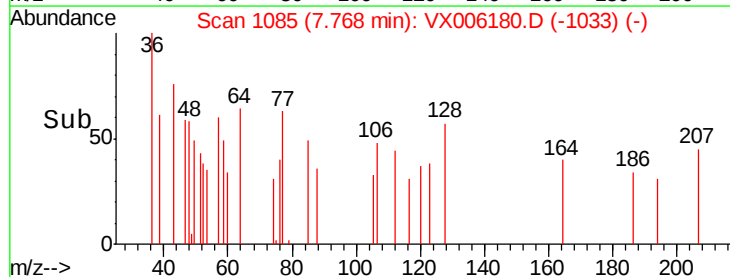
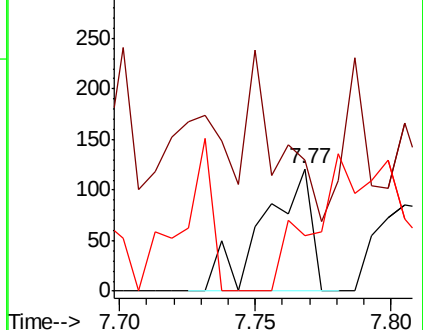
58 197.9 58.5 87.7#

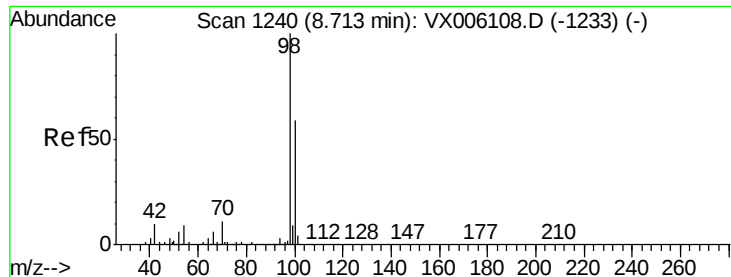


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.823 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

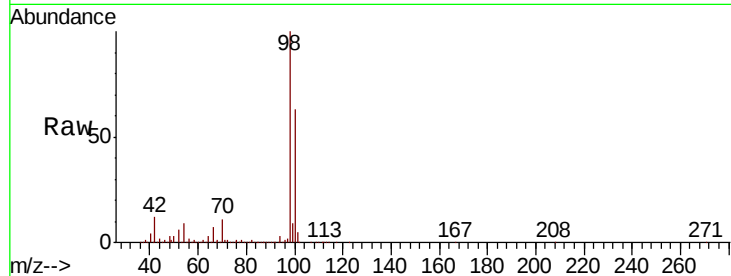
AOC2-01RDL

Tot Ion: 98 Resp: 593940

Ion Ratio Lower Upper

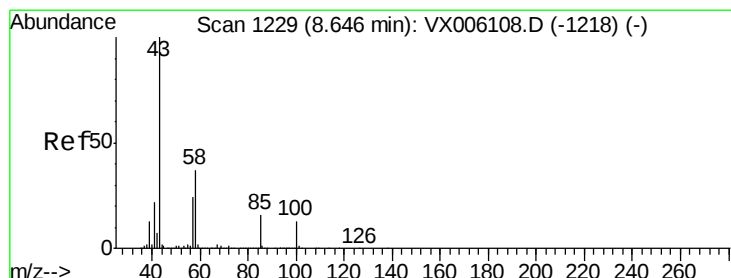
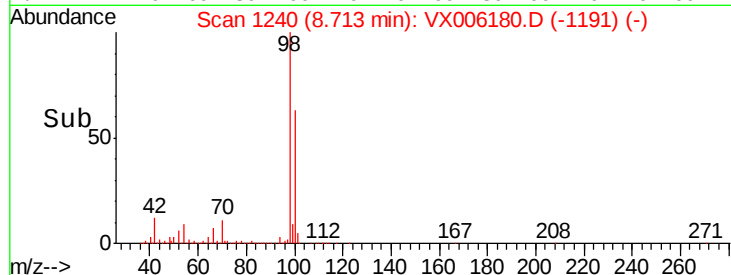
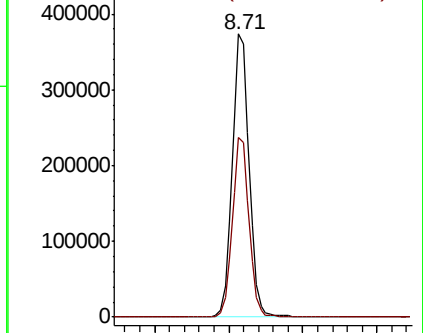
98 100

100 62.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.640 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.07 min

Lab File: VX006180.D

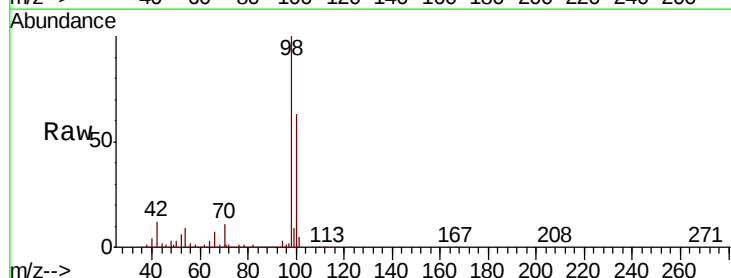
Acq: 26 Nov 2018 17:24

Tgt Ion: 43 Resp: 3778

Ion Ratio Lower Upper

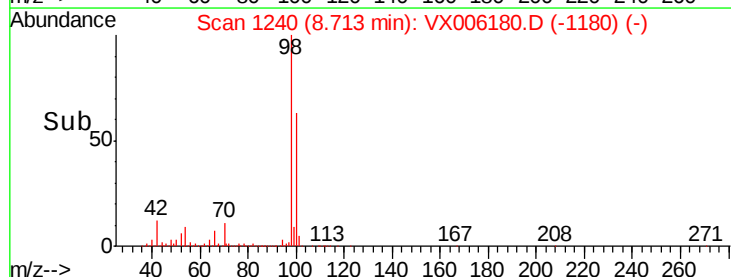
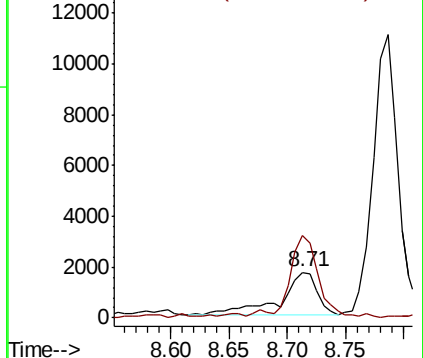
43 100

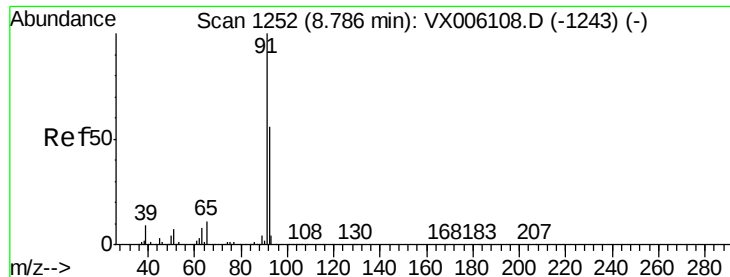
58 149.8 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 151.804 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

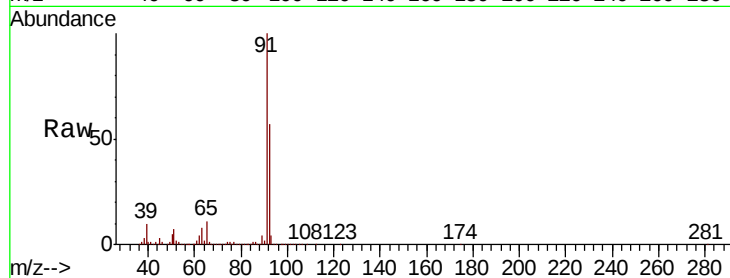
AOC2-01RDL

Tot Ion: 92 Resp: 1225349

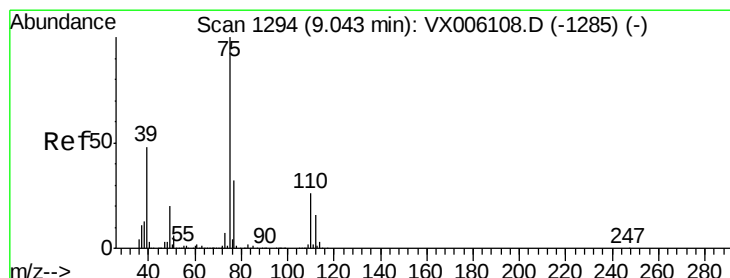
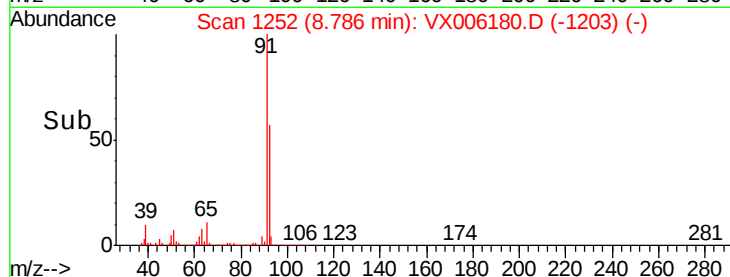
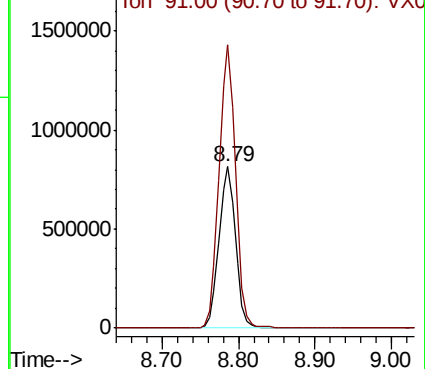
Ion Ratio Lower Upper

92 100

91 174.7 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0



#53

t-1,3-Dichloropropene

Concen: 3.085 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX006180.D

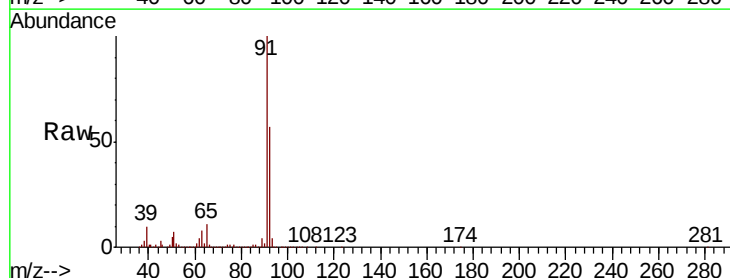
Acq: 26 Nov 2018 17:24

Tgt Ion: 75 Resp: 14082

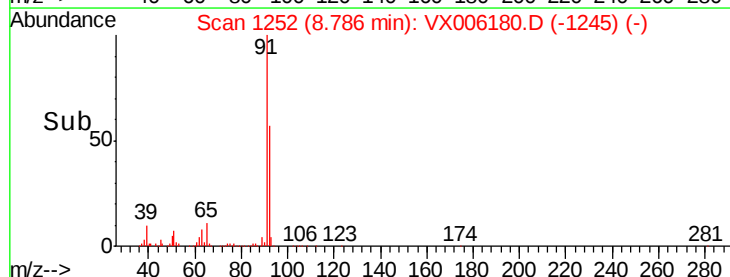
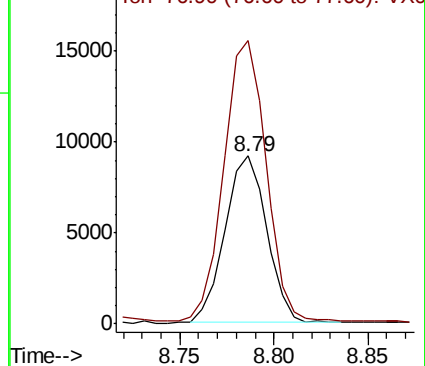
Ion Ratio Lower Upper

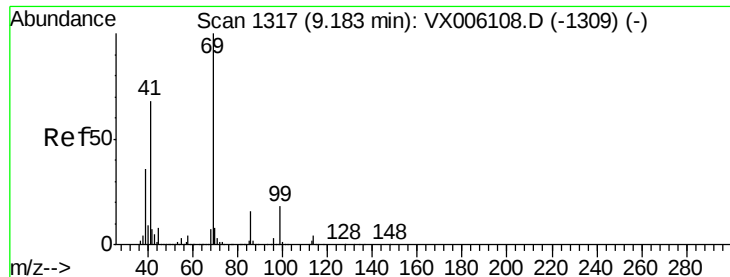
75 100

77 168.2 25.7 38.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0





#56

Ethyl methacrylate

Concen: 2.885 ug/l

RT: 9.15 min Scan# 1312

Delta R.T. -0.03 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

AOC2-01RDL

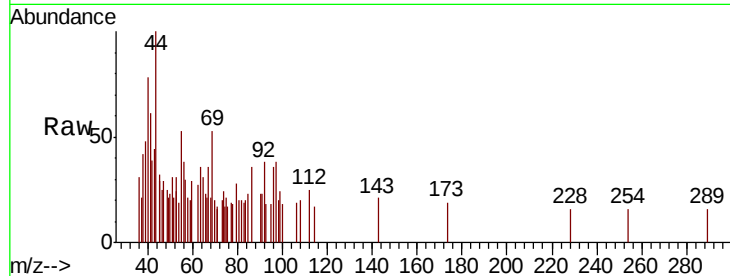
Tot Ion: 69 Resp: 116

Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.4#

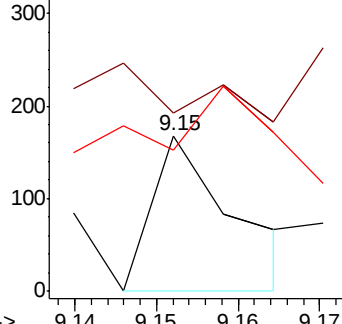
39 0.0 29.4 44.0#



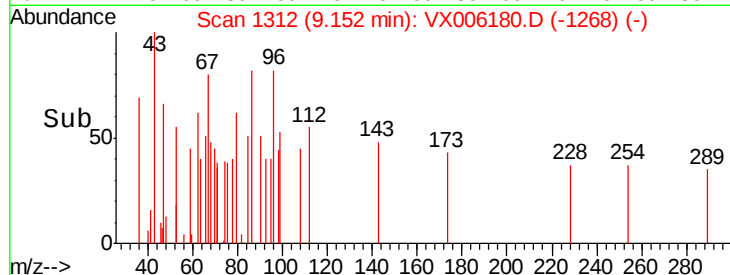
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 6.785 ug/l

RT: 8.12 min Scan# 1142

Delta R.T. -0.20 min

Lab File: VX006180.D

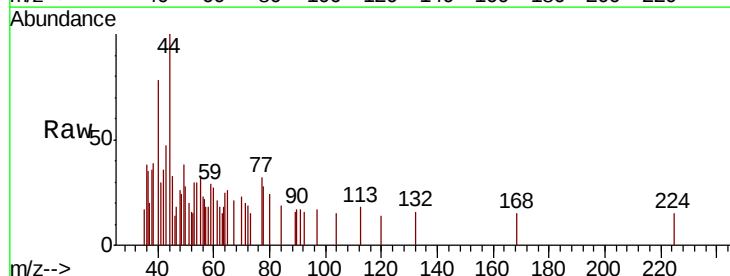
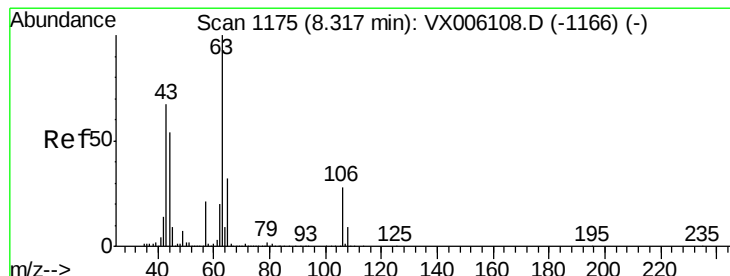
Acq: 26 Nov 2018 17:24

Tgt Ion: 63 Resp: 197

Ion Ratio Lower Upper

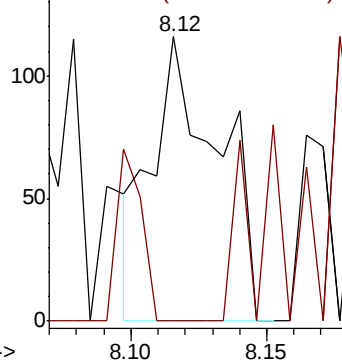
63 100

106 22.3 21.7 32.5

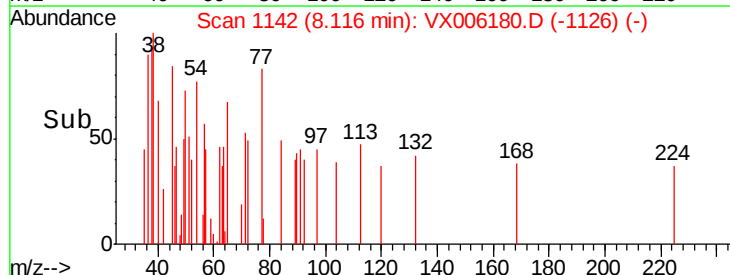


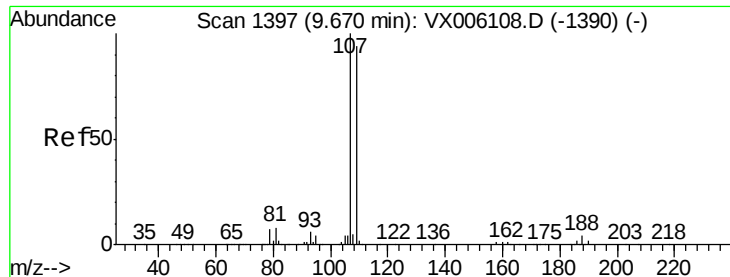
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->





#61

1,2-Dibromoethane

Concen: 2.784 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

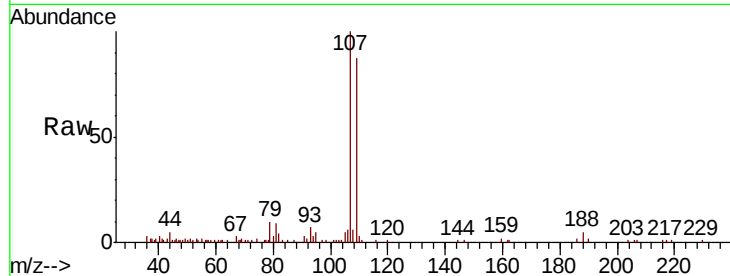
AOC2-01RDL

Tot Ion:107 Resp: 10027

Ion Ratio Lower Upper

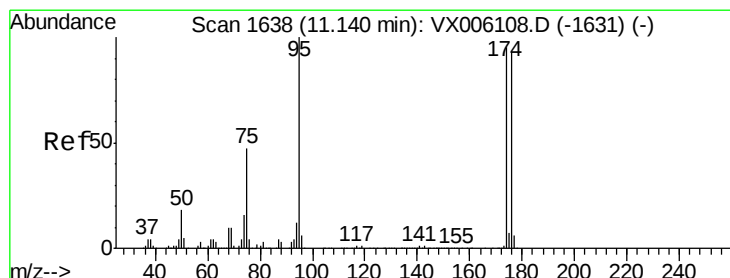
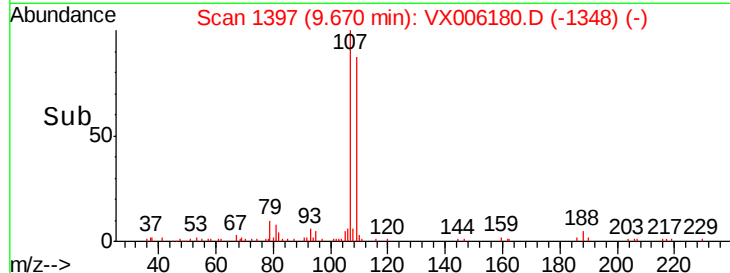
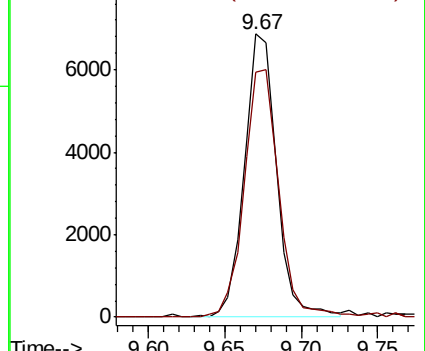
107 100

109 94.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.441 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

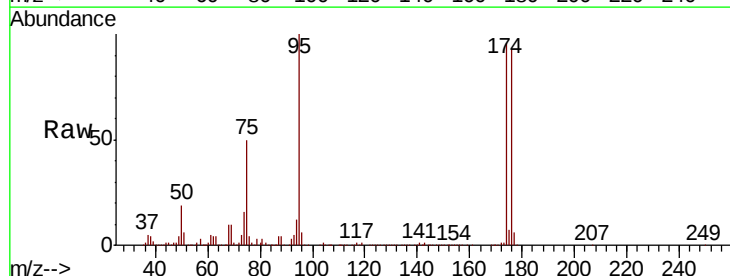
Tgt Ion: 95 Resp: 212193

Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.4

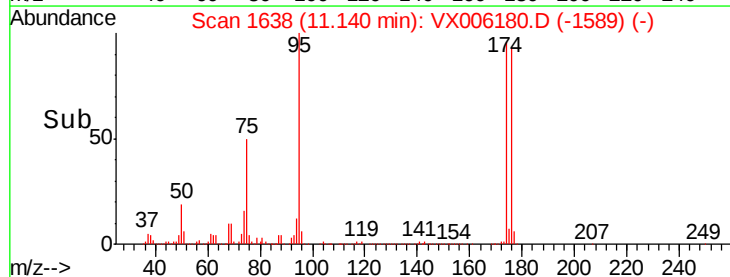
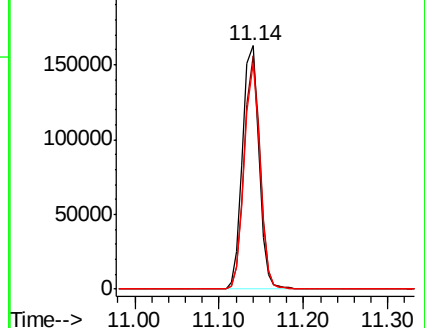
176 88.5 0.0 179.0

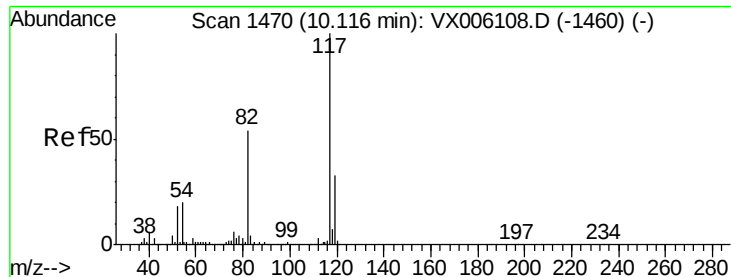


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

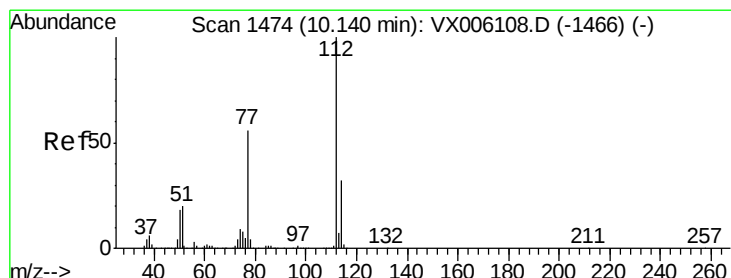
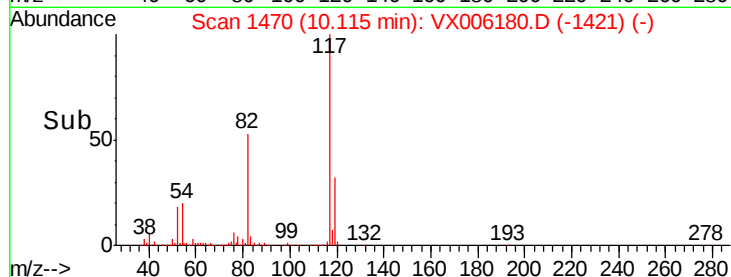
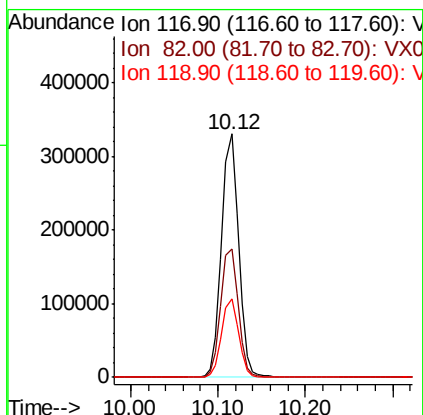
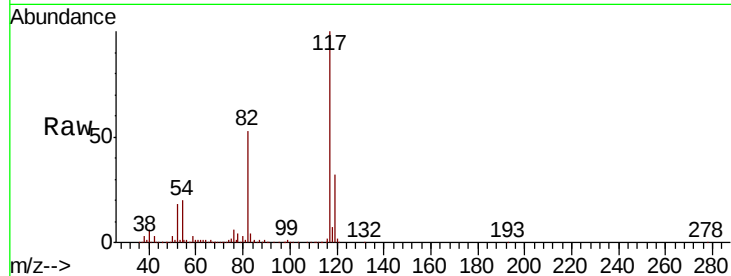




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

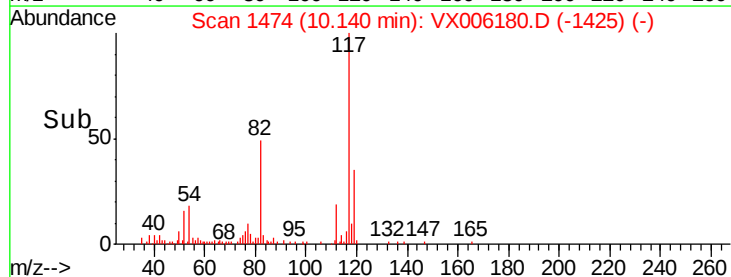
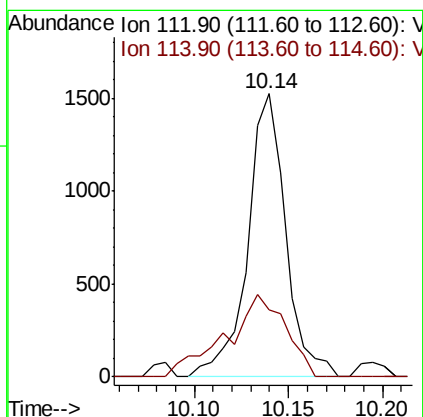
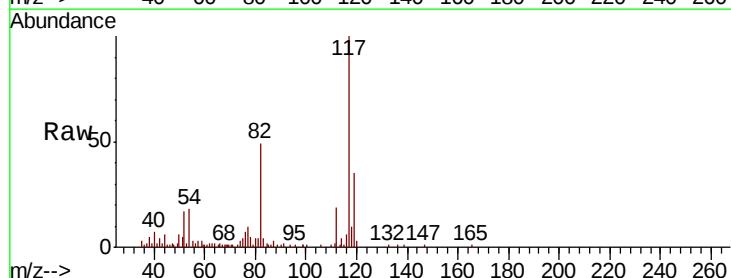
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01RDL

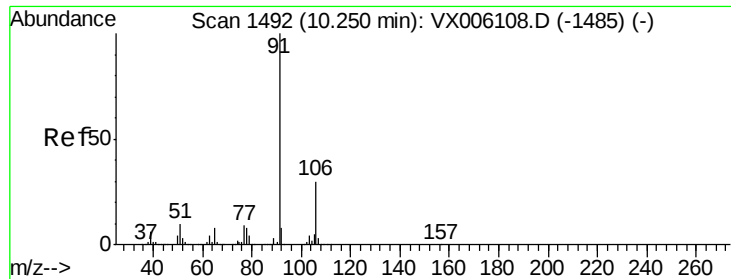
Tot Ion:117 Resp: 448161
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.3 26.1 39.1



#65
Chlorobenzene
Concen: 0.232 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion:112 Resp: 2136
Ion Ratio Lower Upper
112 100
114 23.6 25.6 38.4#

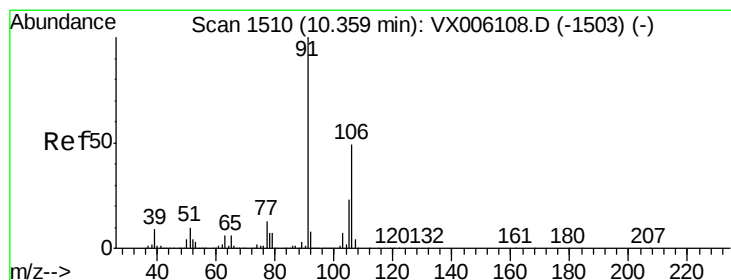
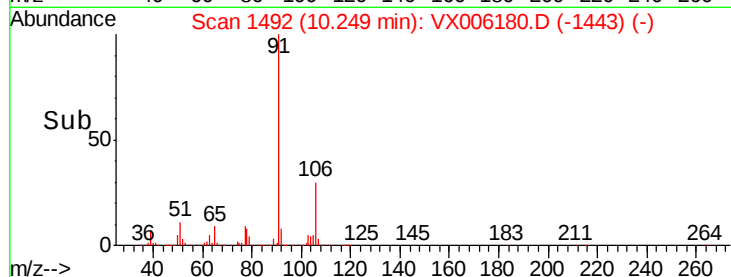
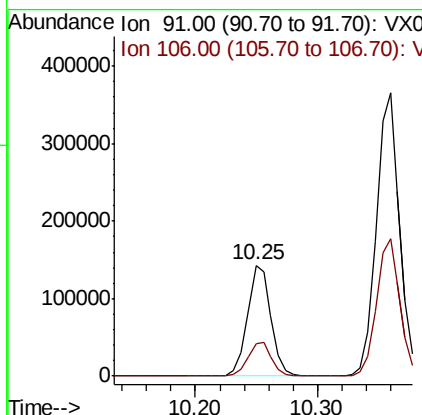
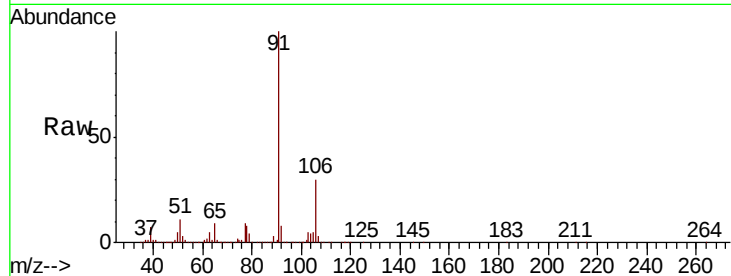




#67
Ethyl Benzene
Concen: 12.641 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

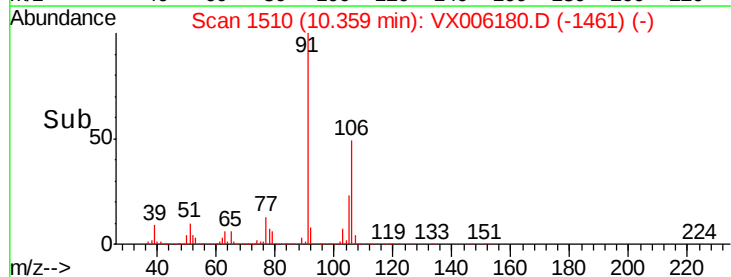
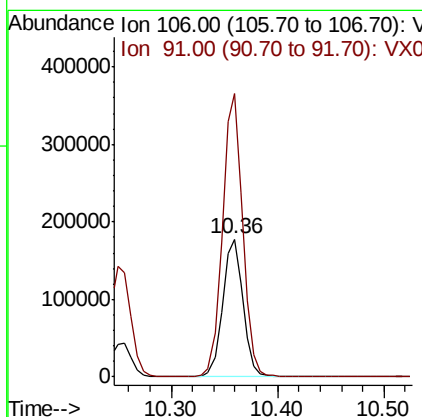
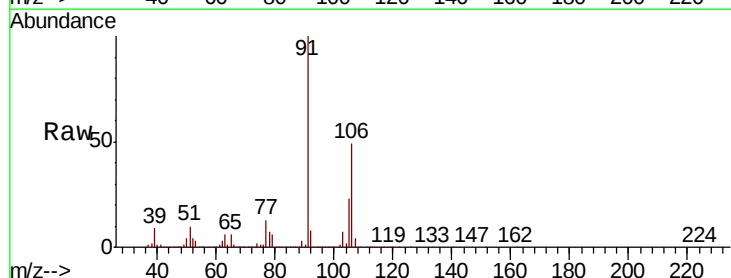
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01RDL

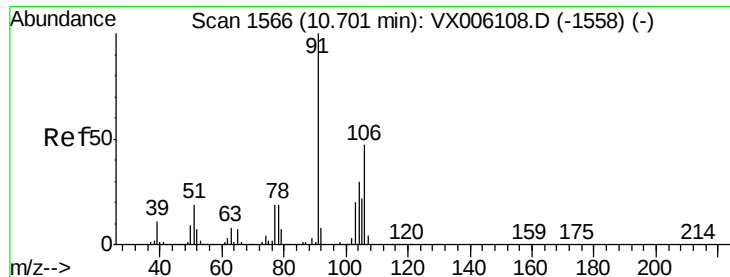
Tot Ion: 91 Resp: 190275
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#68
m/p-Xylenes
Concen: 40.201 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion: 106 Resp: 235624
Ion Ratio Lower Upper
106 100
91 204.4 162.0 243.0

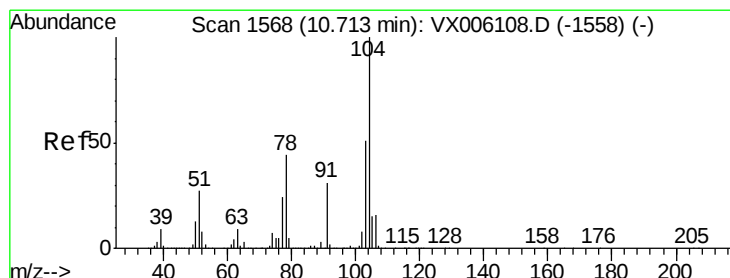
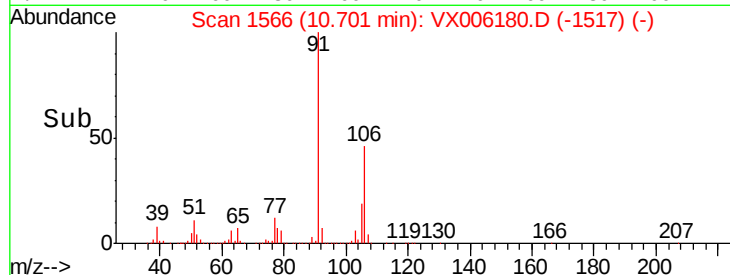
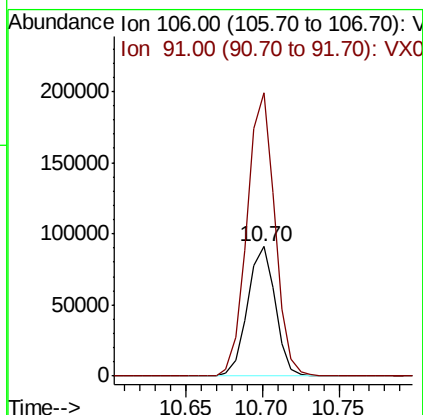
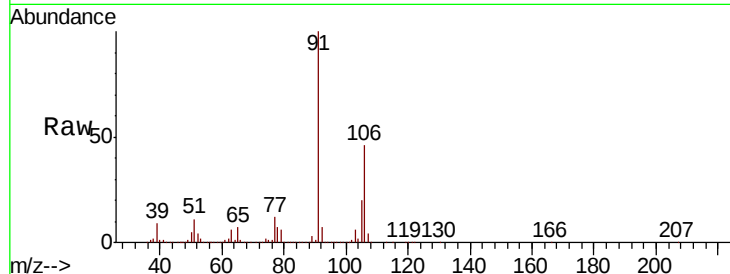




#69
o-Xylene
Concen: 20.485 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

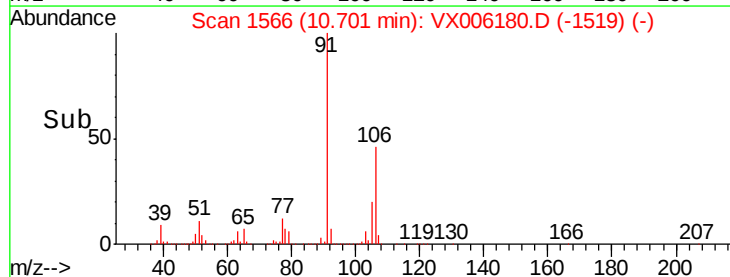
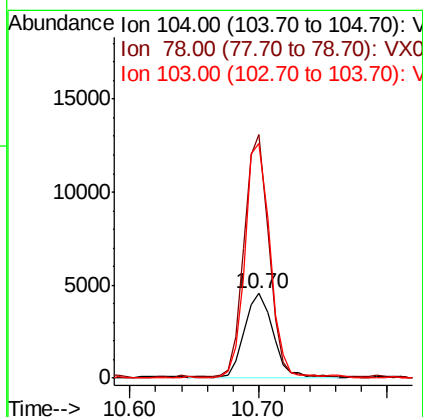
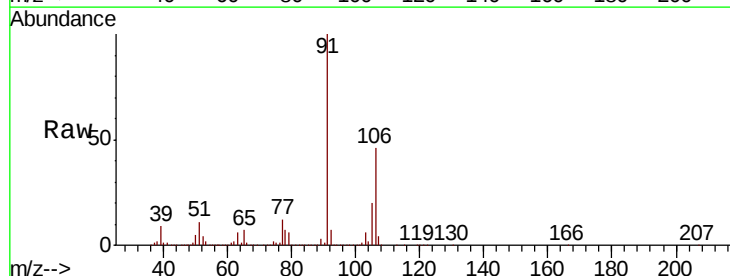
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01RDL

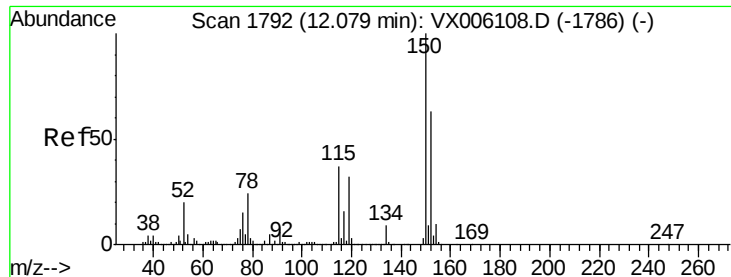
Tot Ion:106 Resp: 114685
Ion Ratio Lower Upper
106 100
91 219.5 107.4 322.2



#70
Styrene
Concen: 0.783 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006180.D
Acq: 26 Nov 2018 17:24

Tgt Ion:104 Resp: 7146
Ion Ratio Lower Upper
104 100
78 240.4 39.4 59.2#
103 237.9 44.6 67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01RDL

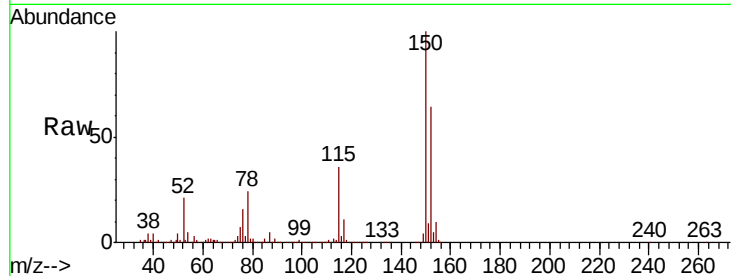
Tot Ion:152 Resp: 227834

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

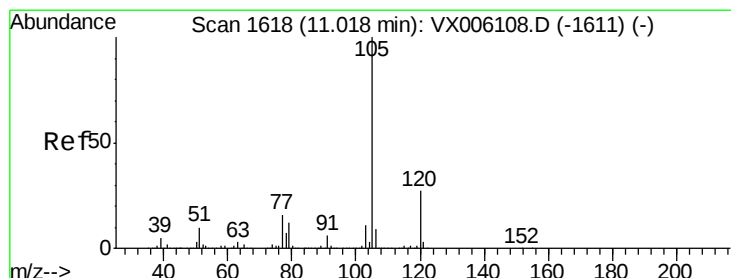
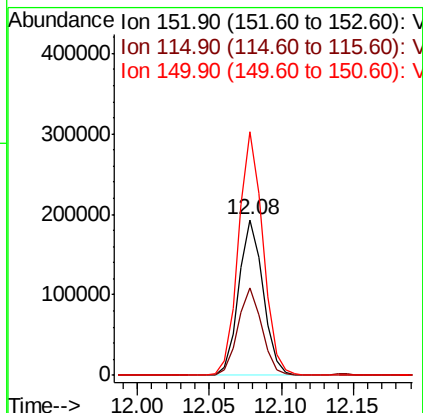
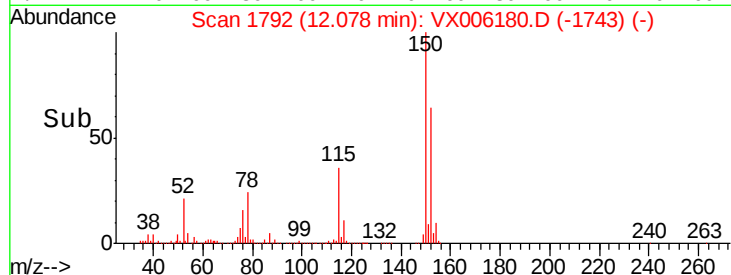
150 157.0 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.653 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006180.D

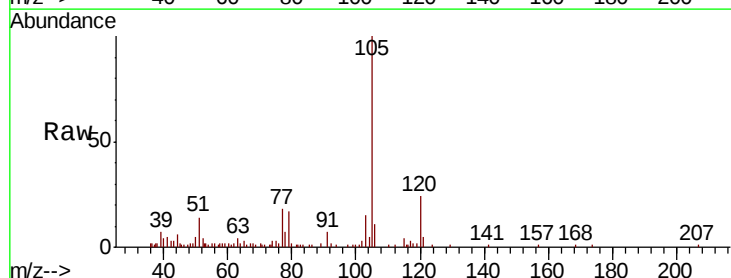
Acq: 26 Nov 2018 17:24

Tgt Ion:105 Resp: 9001

Ion Ratio Lower Upper

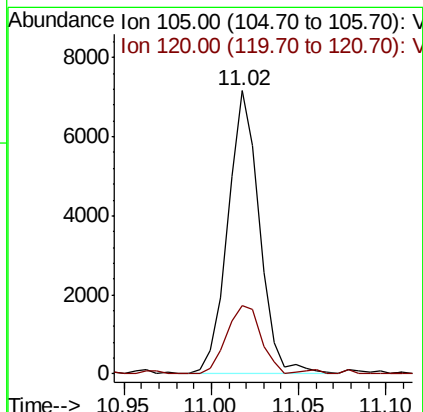
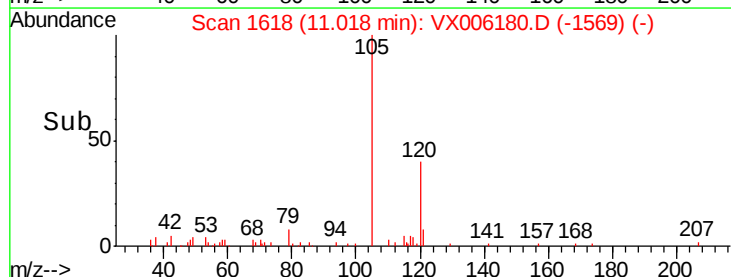
105 100

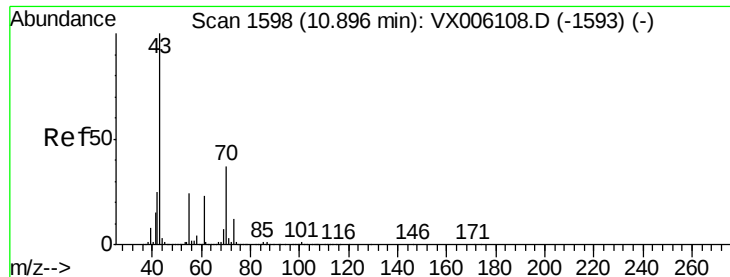
120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.226 ug/l

RT: 10.88 min Scan# 1595

Delta R.T. -0.02 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

AOC2-01RDL

Tot Ion: 43 Resp: 245

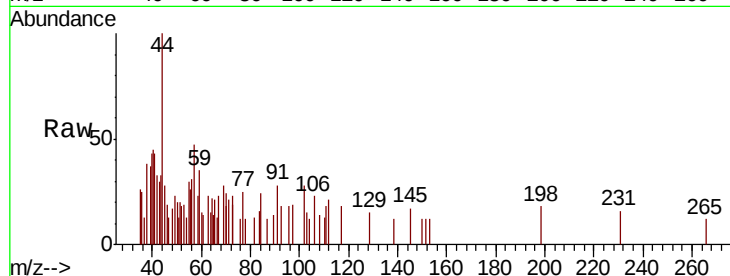
Ion Ratio Lower Upper

43 100

70 86.9 31.8 47.6#

55 47.3 19.5 29.3#

61 0.0 18.6 27.8#

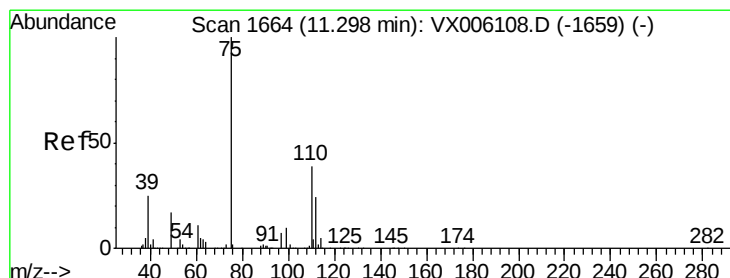
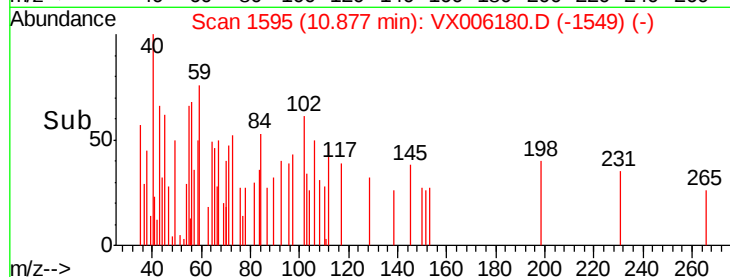
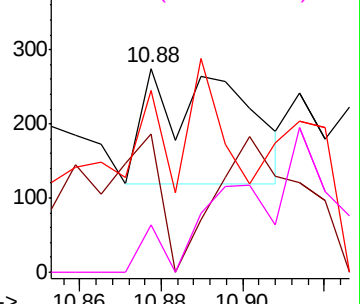


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.901 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006180.D

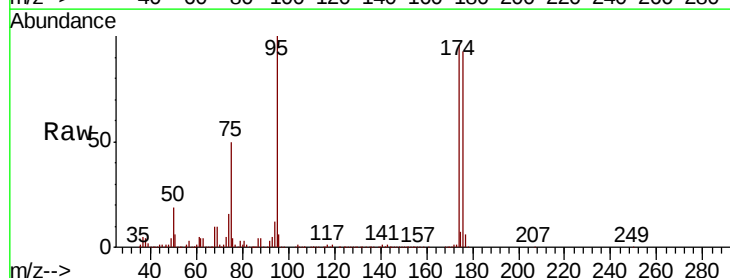
Acq: 26 Nov 2018 17:24

Tgt Ion: 75 Resp: 107422

Ion Ratio Lower Upper

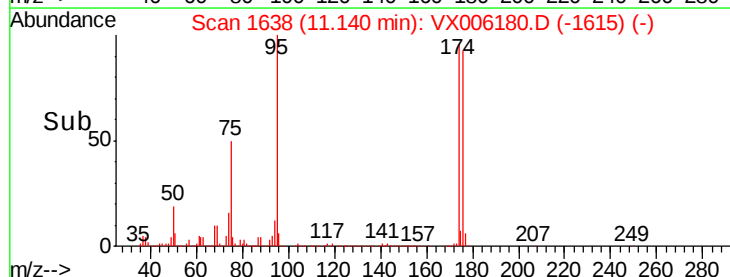
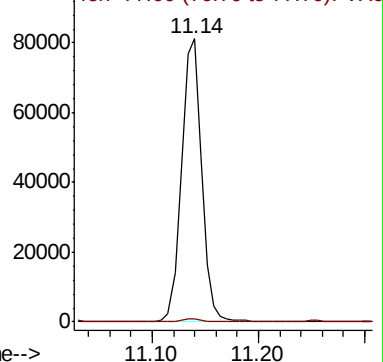
75 100

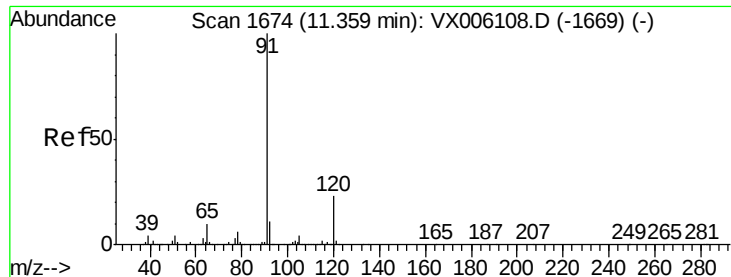
77 1.3 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.742 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

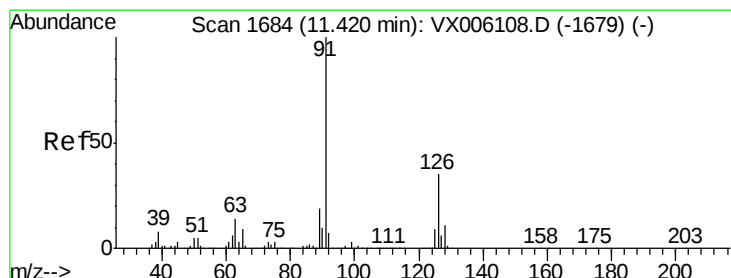
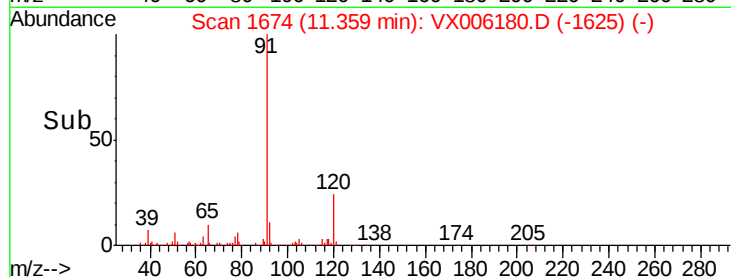
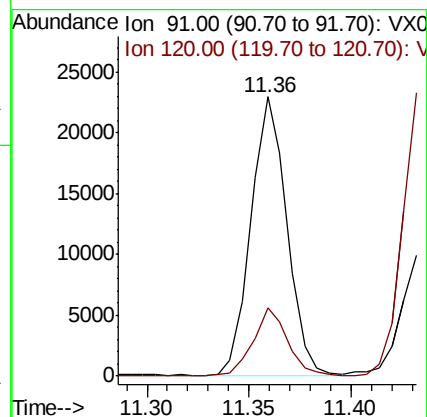
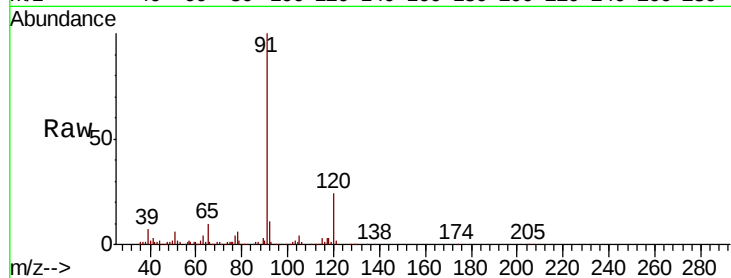
AOC2-01RDL

Tot Ion: 91 Resp: 27965

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3



#79

2-Chlorotoluene

Concen: 1.782 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006180.D

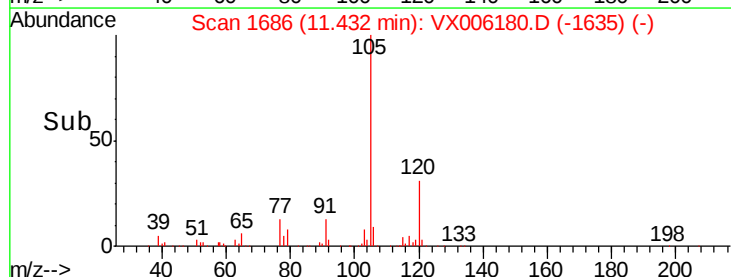
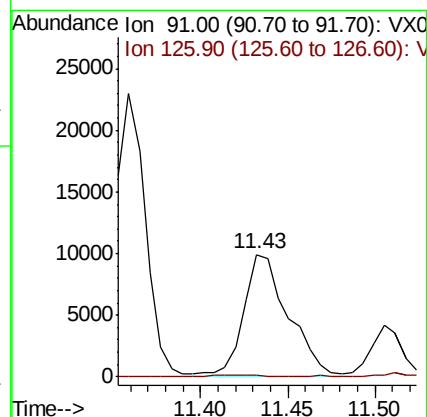
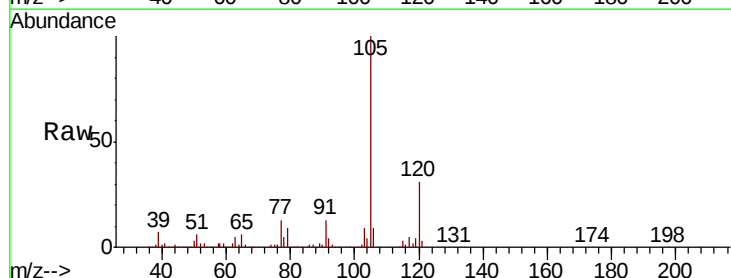
Acq: 26 Nov 2018 17:24

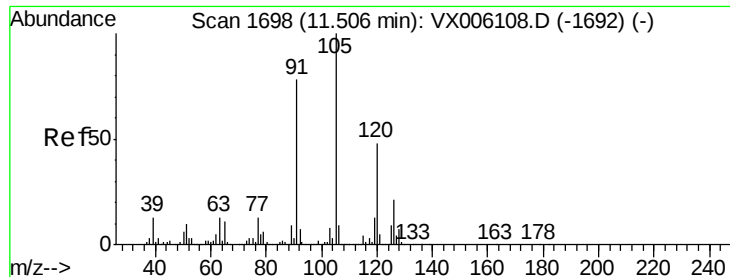
Tgt Ion: 91 Resp: 17306

Ion Ratio Lower Upper

91 100

126 1.5 17.6 52.9#





#80

1,3,5-Trimethylbenzene

Concen: 3.611 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

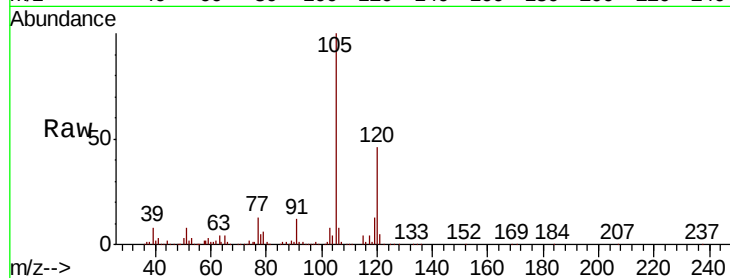
AOC2-01RDL

Tot Ion:105 Resp: 41973

Ion Ratio Lower Upper

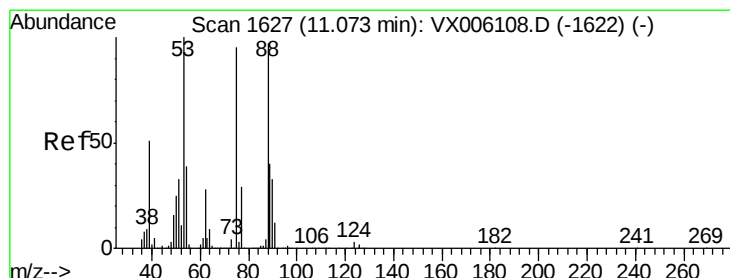
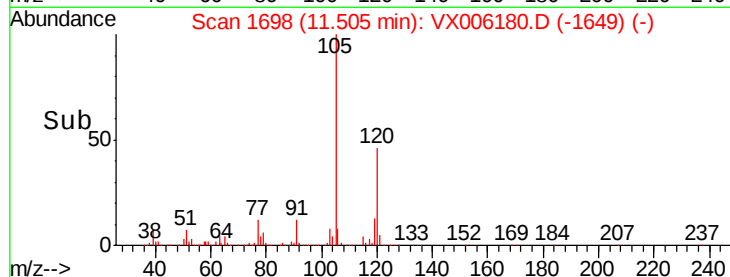
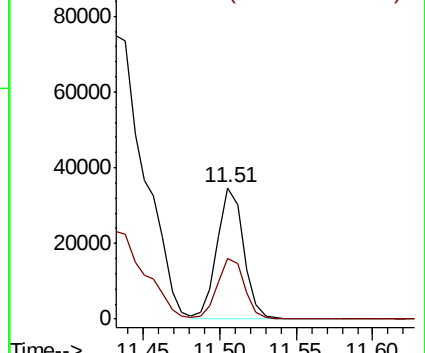
105 100

120 47.1 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 77.458 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

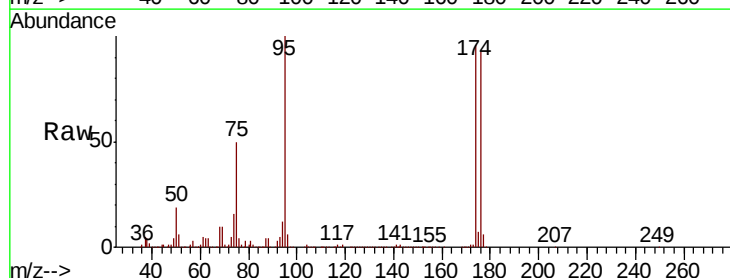
Tgt Ion: 75 Resp: 107422

Ion Ratio Lower Upper

75 100

53 0.3 85.3 127.9#

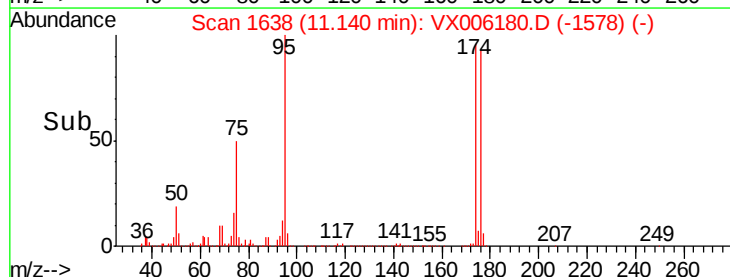
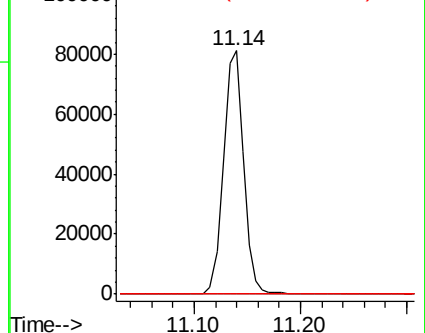
89 0.1 37.2 55.8#

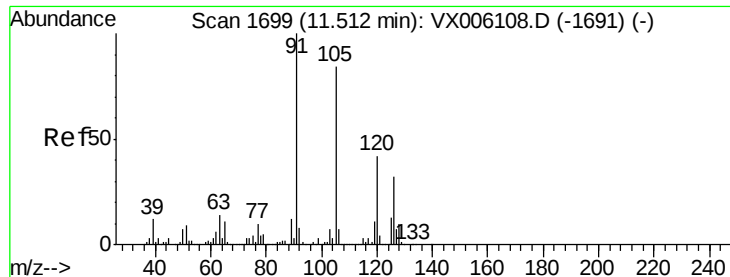


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.444 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

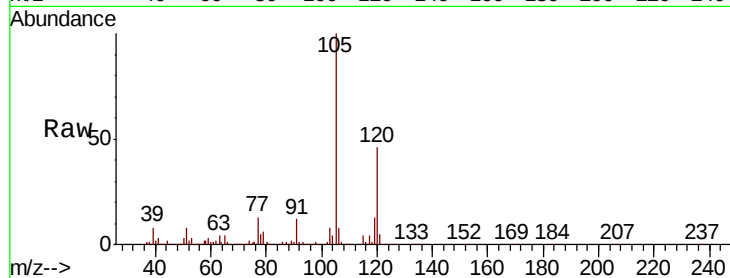
AOC2-01RDL

Tot Ion: 91 Resp: 5038

Ion Ratio Lower Upper

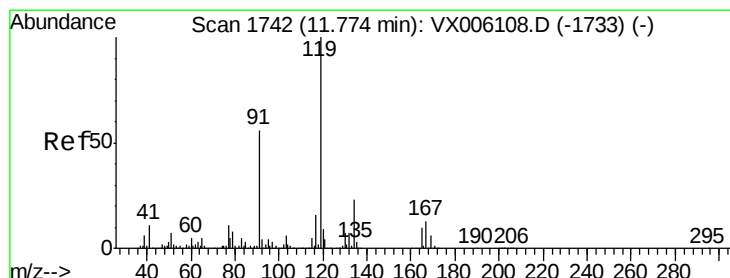
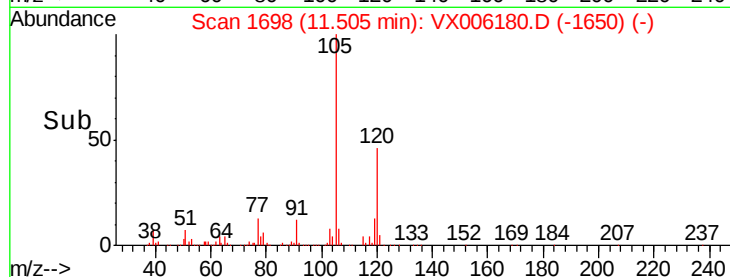
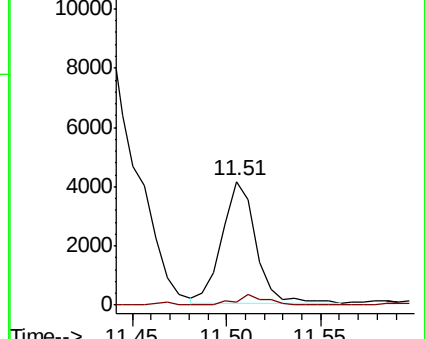
91 100

126 7.8 15.3 45.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.645 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

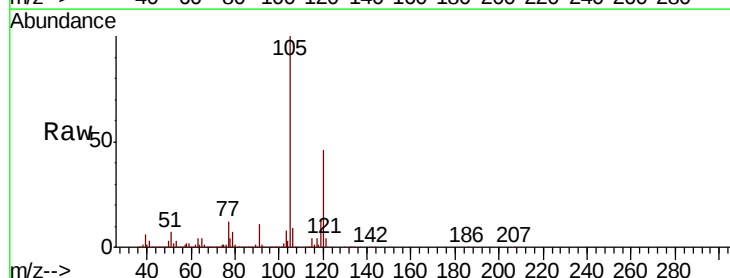
Tgt Ion: 119 Resp: 18668

Ion Ratio Lower Upper

119 100

91 84.2 28.2 84.6

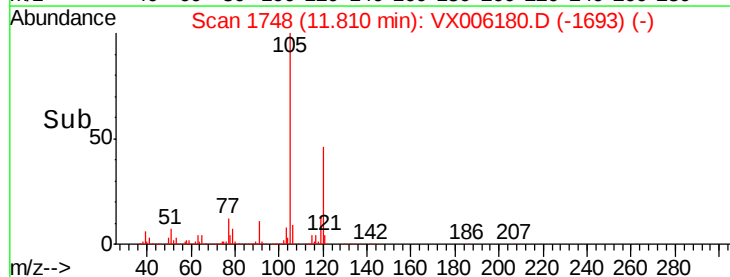
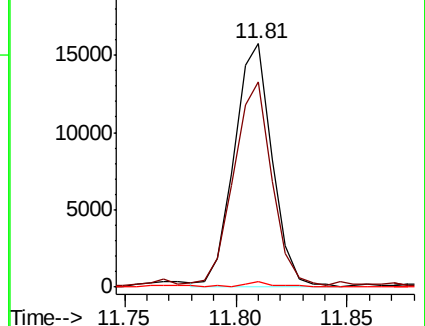
134 2.0 11.5 34.4#

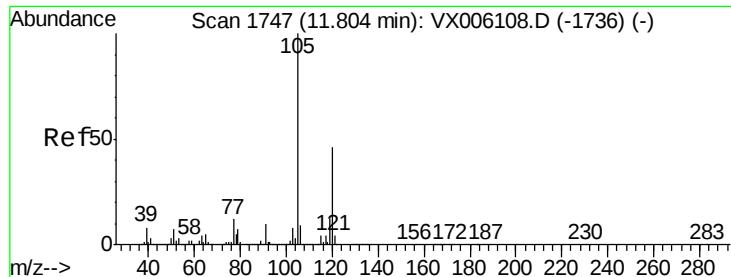


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 12.362 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

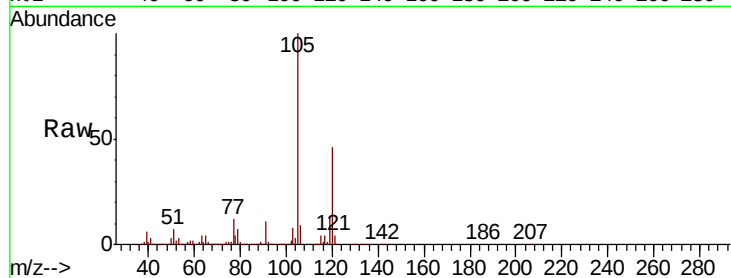
AOC2-01RDL

Tot Ion:105 Resp: 146555

Ion Ratio Lower Upper

105 100

120 46.4 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

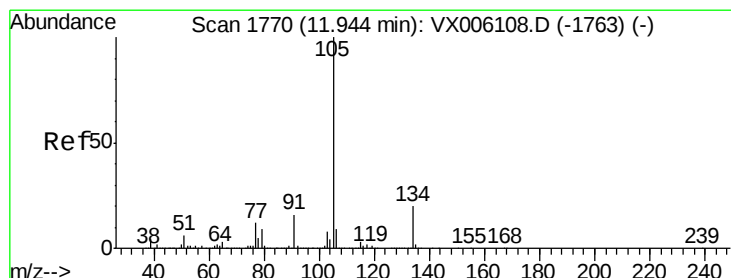
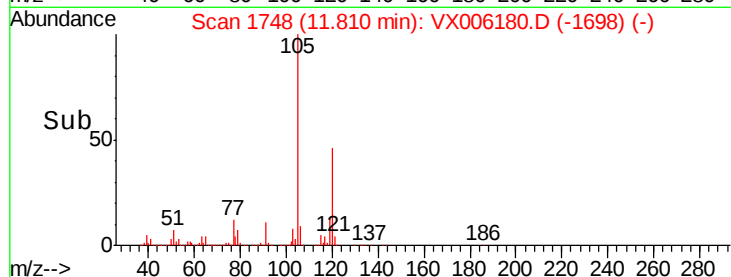
11.81

100000

50000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 10.560 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.13 min

Lab File: VX006180.D

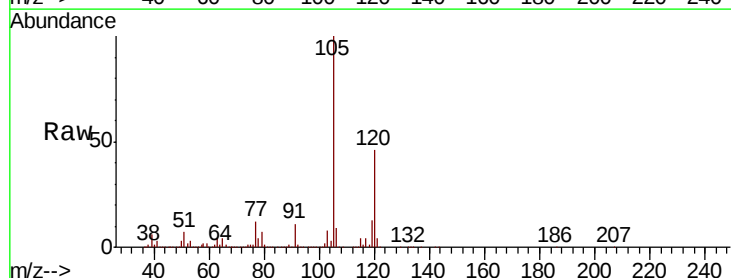
Acq: 26 Nov 2018 17:24

Tgt Ion:105 Resp: 146555

Ion Ratio Lower Upper

105 100

134 0.3 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

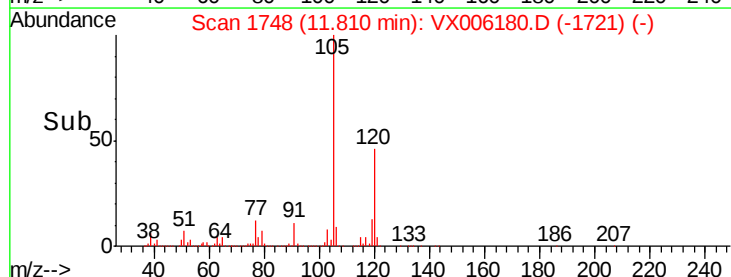
11.81

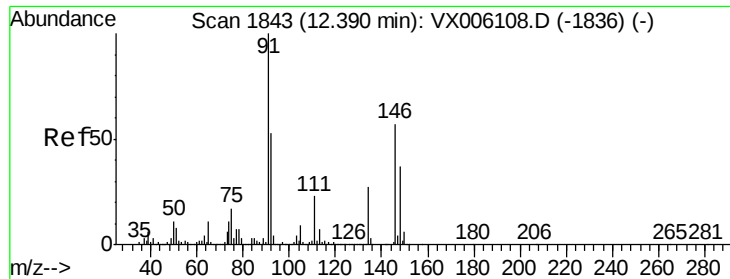
100000

50000

0

Time--> 11.70 11.80 11.90





#89

n-Butylbenzene

Concen: 0.420 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampled :

AOC2-01RDL

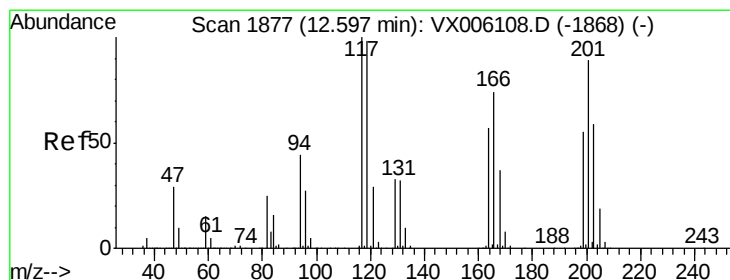
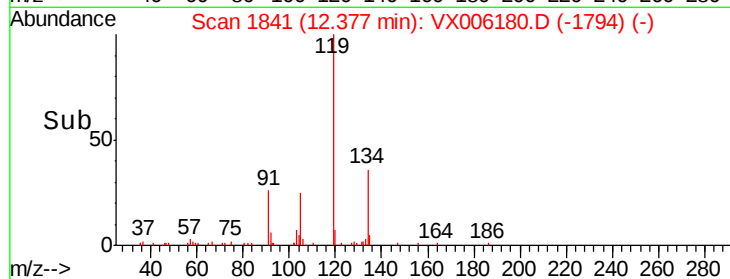
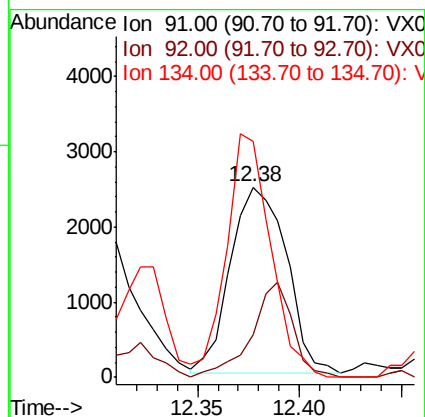
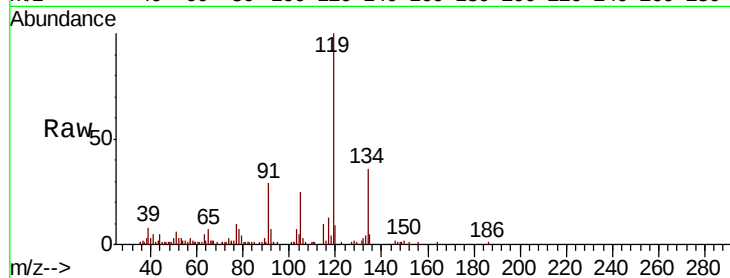
Tot Ion: 91 Resp: 4703

Ion Ratio Lower Upper

91 100

92 37.7 26.6 79.7

134 103.5 13.1 39.3#



#90

Hexachloroethane

Concen: 0.501 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006180.D

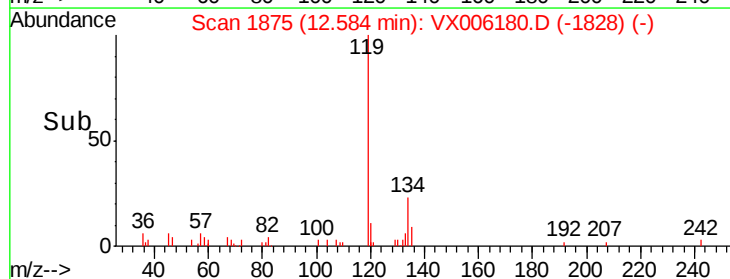
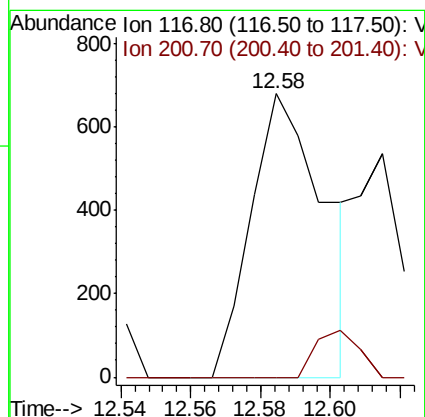
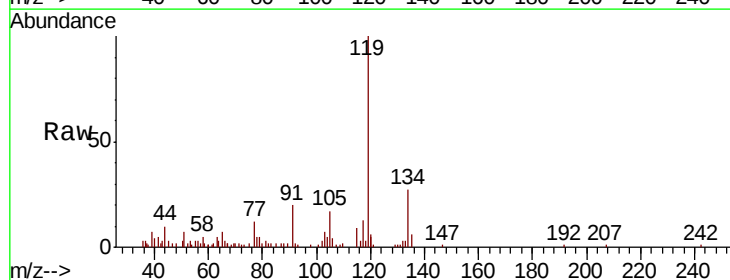
Acq: 26 Nov 2018 17:24

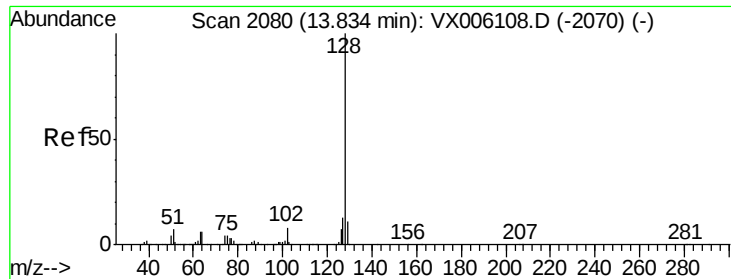
Tgt Ion: 117 Resp: 989

Ion Ratio Lower Upper

117 100

201 9.9 46.1 138.2#





#95

Naphthalene

Concen: 4.191 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006180.D

Acq: 26 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01RDL

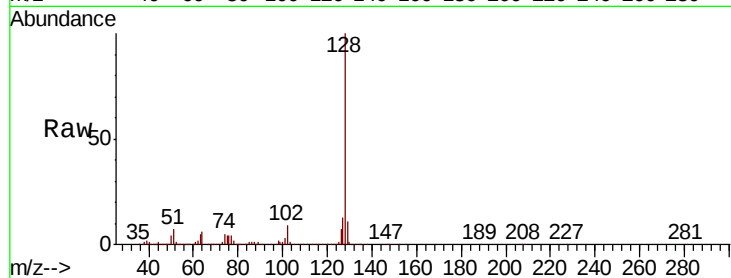
Tot Ion:128 Resp: 63196

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.9 8.8 13.2



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

