

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005606.D
 Acq On : 26 Oct 2018 15:49
 Operator : JC/MD
 Sample : J5515-14
 Misc : 6.09g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01BME

Quant Time: Oct 27 04:46:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	264814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170328	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	152514	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
35) Dibromofluoromethane	5.50	113	115821	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	429984	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.14	95	153902	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1075	0.528	ug/l	91
10) Methyl Iodide	2.48	142	782	2.997	ug/l #	78
11) Tert butyl alcohol	3.09	59	240	0.276	ug/l #	72
13) Acrolein	2.29	56	160	0.361	ug/l #	14
18) Methyl Acetate	2.79	43	11480	1.297	ug/l #	56
20) Methylene Chloride	2.84	84	661	0.231	ug/l #	53
29) Tetrahydrofuran	5.20	42	2107	1.245	ug/l #	57
31) Cyclohexane	5.58	56	6335	1.454	ug/l #	47
36) 1,1-Dichloropropene	5.65	75	17483	4.985	ug/l #	50
38) Carbon Tetrachloride	5.65	117	22338	6.047	ug/l #	16
39) Methylcyclohexane	7.45	83	5175	1.336	ug/l	94
40) Benzene	6.13	78	47871	4.761	ug/l	96
41) Methacrylonitrile	5.03	41	518	0.208	ug/l #	38
42) 1,2-Dichloroethane	6.21	62	1451	0.380	ug/l #	49
43) Isopropyl Acetate	6.49	43	2019	0.301	ug/l #	63
47) Bromodichloromethane	7.96	83	903	0.267	ug/l #	26
48) Methyl methacrylate	7.72	41	933	0.286	ug/l #	49
51) 4-Methyl-2-Pentanone	8.67	43	7302	1.620	ug/l #	81
52) Toluene	8.79	92	107183	17.541	ug/l	100
59) 2-Hexanone	9.55	43	2409	0.678	ug/l #	47
61) 1,2-Dibromoethane	9.68	107	963	0.361	ug/l	89
67) Ethyl Benzene	10.26	91	46024	3.998	ug/l	98
68) m/p-Xylenes	10.36	106	63613	14.243	ug/l	100
69) o-Xylene	10.70	106	25715	6.120	ug/l	99
70) Styrene	10.70	104	1600	0.227	ug/l #	1
73) Isopropylbenzene	11.02	105	7169	0.689	ug/l	86
74) N-amyl acetate	10.91	43	1312	0.254	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	76653	21.240	ug/l #	37
78) n-propylbenzene	11.36	91	36019	3.025	ug/l	100
79) 2-Chlorotoluene	11.44	91	17890	2.424	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	49000	5.501	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	76653	69.403	ug/l #	9
82) 4-Chlorotoluene	11.51	91	5104	0.586	ug/l #	53
83) tert-Butylbenzene	11.81	119	20071	2.261	ug/l #	64

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

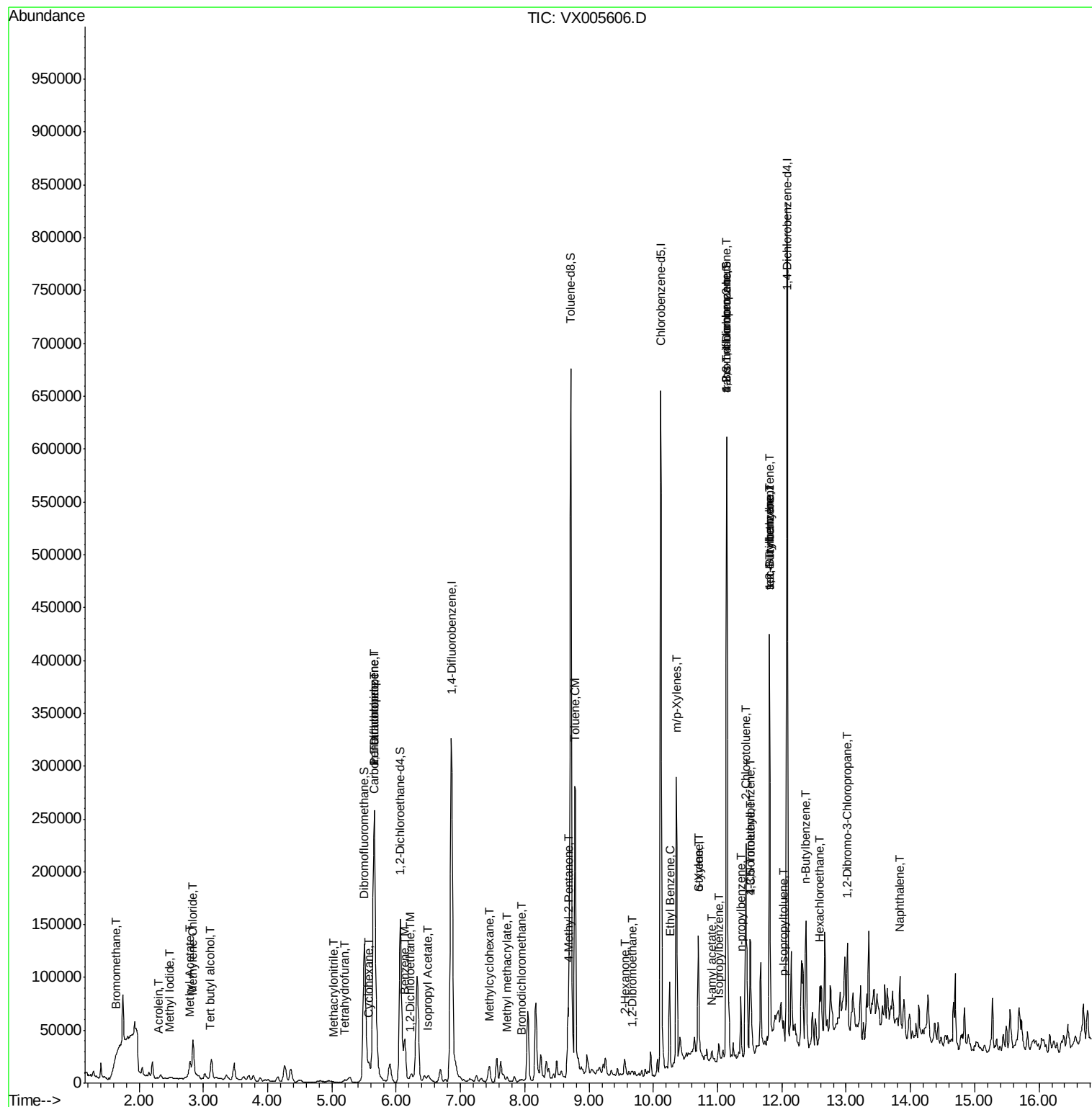
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	159977	17.722	ug/l	100
85) sec-Butylbenzene	11.81	105	159977	15.101	ug/l #	56
86) p-Isopropyltoluene	12.02	119	5962	0.630	ug/l	94
89) n-Butylbenzene	12.38	91	18261	2.136	ug/l #	27
90) Hexachloroethane	12.58	117	2273	1.392	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.02	75	412	0.444	ug/l #	48
95) Naphthalene	13.83	128	34943	3.004	ug/l #	96

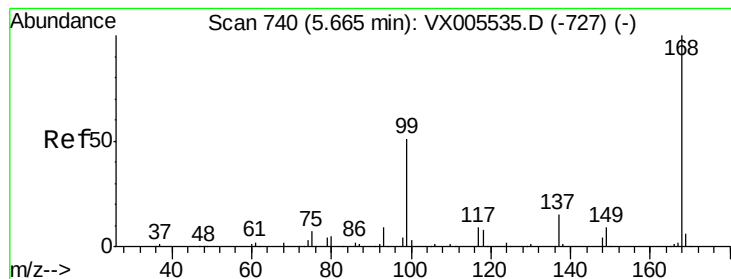
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

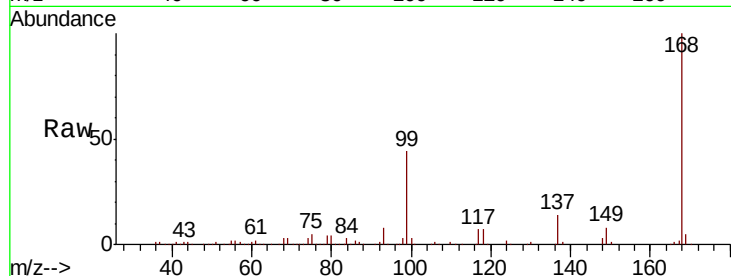
AOC2-01BME

Tot Ion:168 Resp: 264814

Ion Ratio Lower Upper

168 100

99 43.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

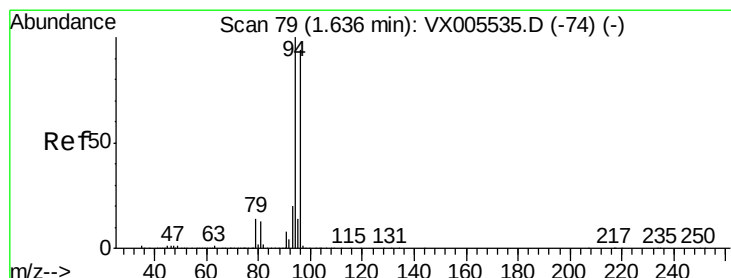
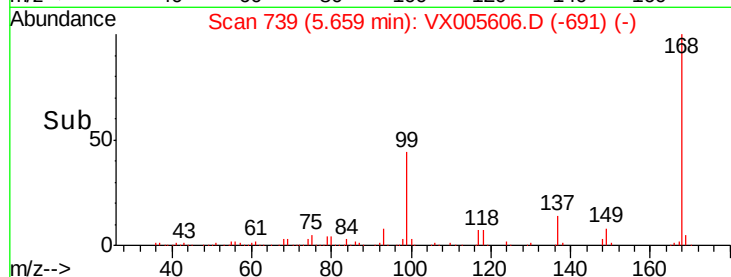
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.528 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005606.D

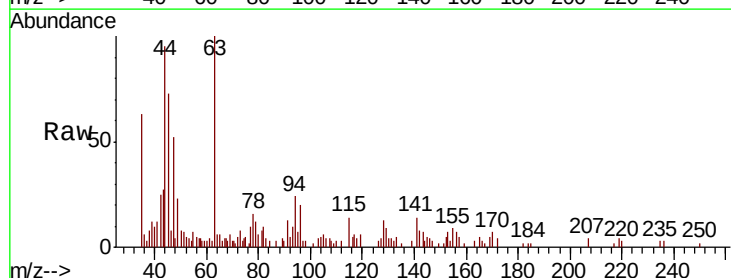
Acq: 26 Oct 2018 15:49

Tgt Ion: 94 Resp: 1075

Ion Ratio Lower Upper

94 100

96 85.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

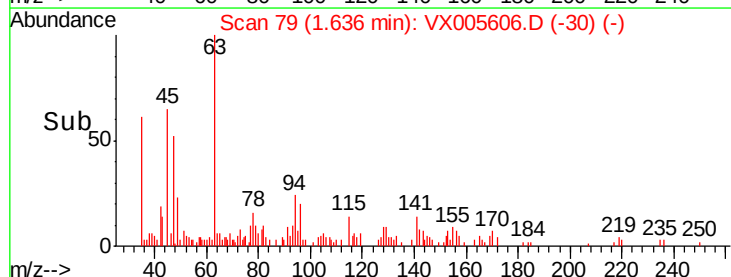
400

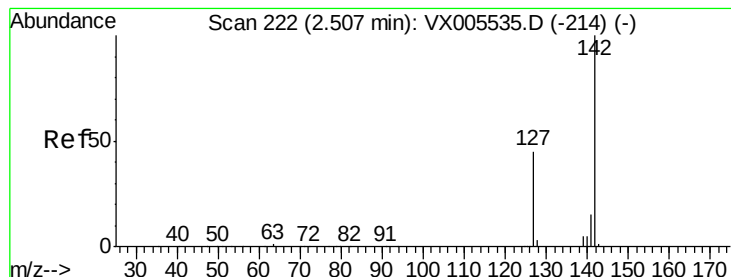
200

0

Time-->

1.55 1.60 1.65





#10

Methyl Iodide

Concen: 2.997 ug/l

RT: 2.48 min Scan# 217

Delta R.T. -0.03 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01BME

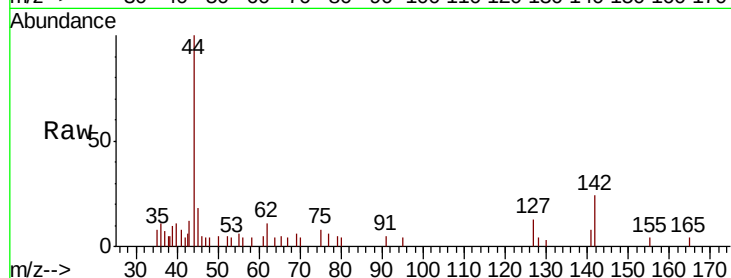
Tot Ion:142 Resp: 782

Ion Ratio Lower Upper

142 100

127 52.4 36.0 54.0

141 37.1 11.7 17.5#

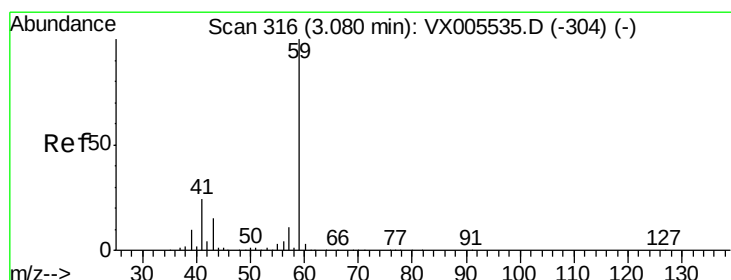
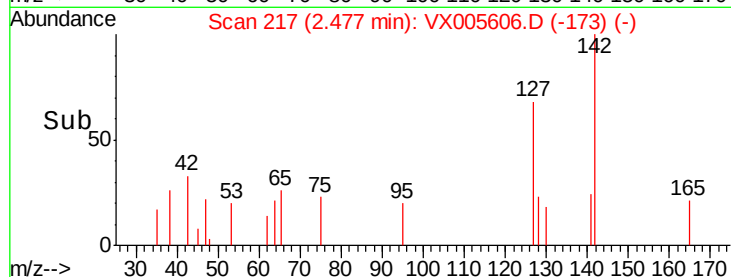
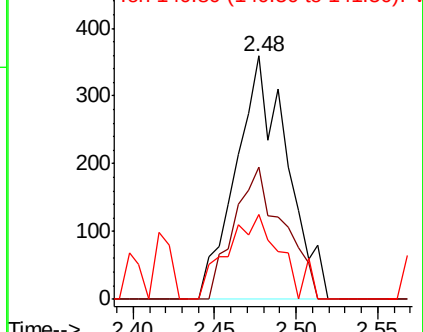


Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.276 ug/l

RT: 3.09 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX005606.D

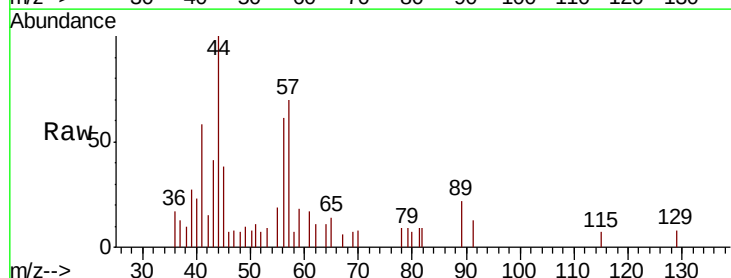
Acq: 26 Oct 2018 15:49

Tgt Ion: 59 Resp: 240

Ion Ratio Lower Upper

59 100

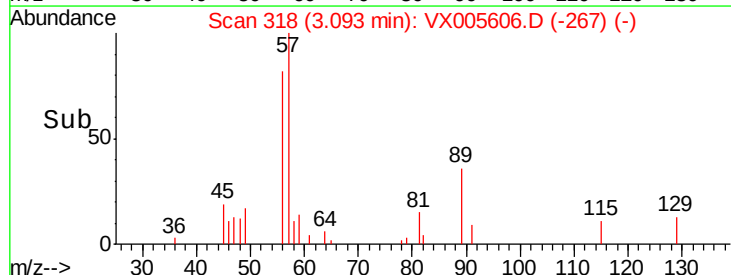
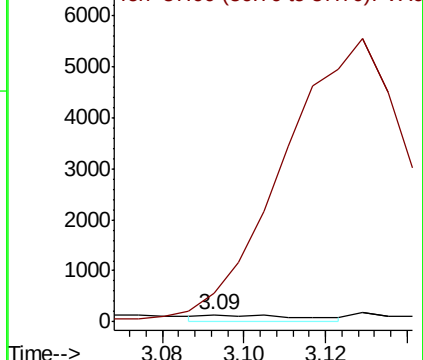
57 0.0 8.5 12.7#

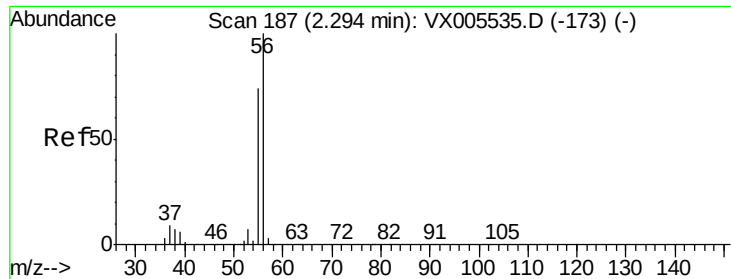


Abundance

Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.361 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

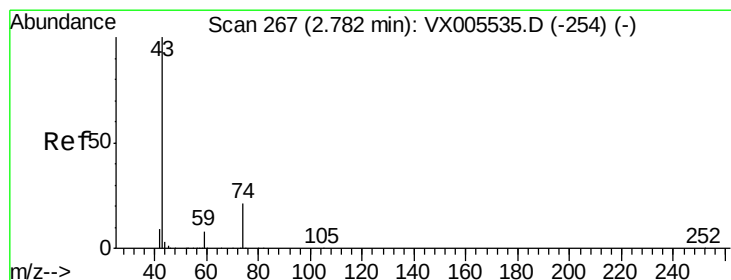
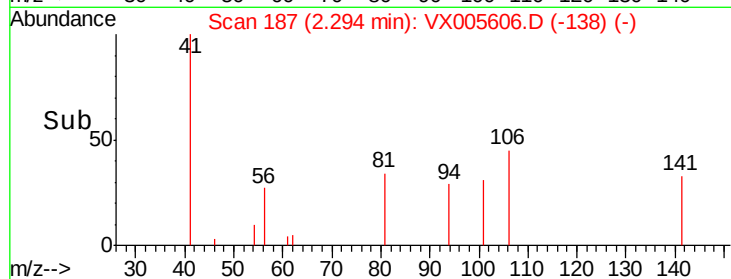
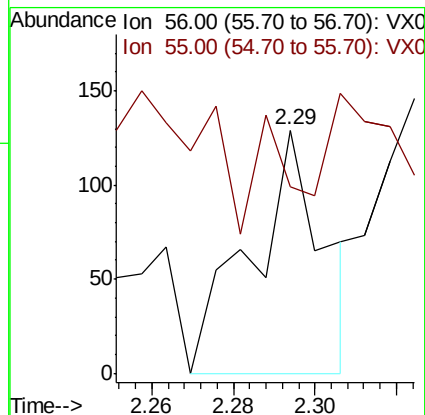
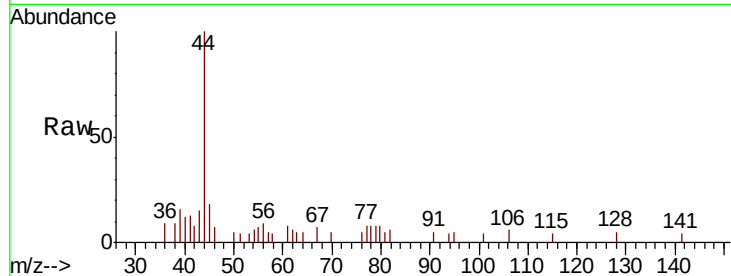
AOC2-01BME

Tot Ion: 56 Resp: 160

Ion Ratio Lower Upper

56 100

55 0.0 57.3 85.9#



#18

Methyl Acetate

Concen: 1.297 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.01 min

Lab File: VX005606.D

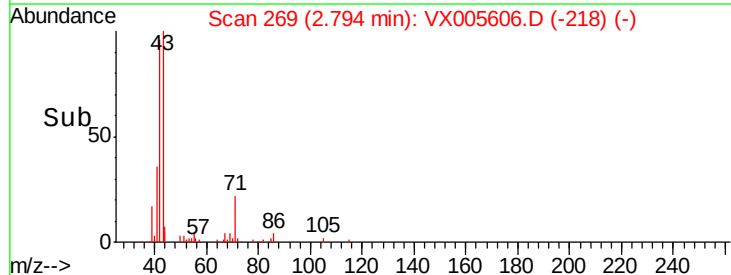
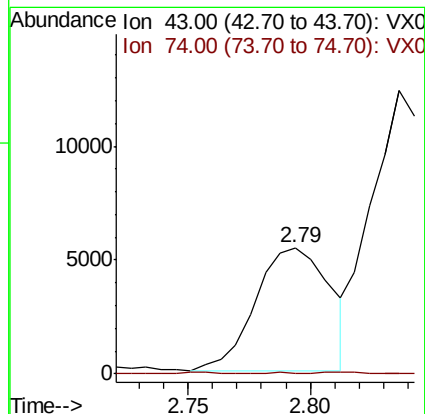
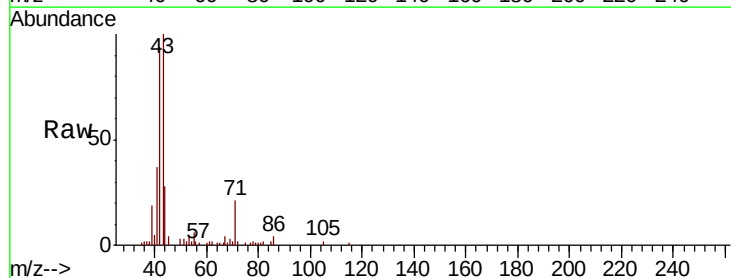
Acq: 26 Oct 2018 15:49

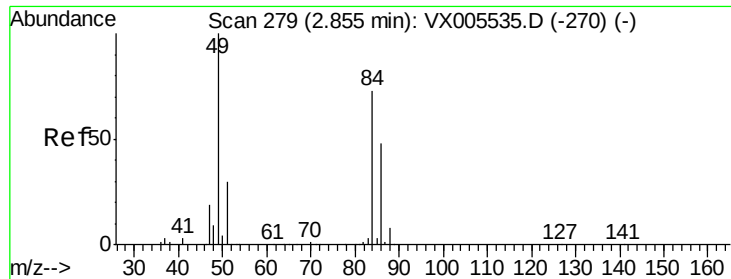
Tgt Ion: 43 Resp: 11480

Ion Ratio Lower Upper

43 100

74 0.2 16.8 25.2#

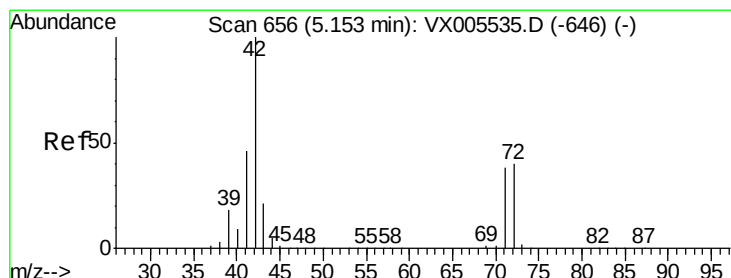
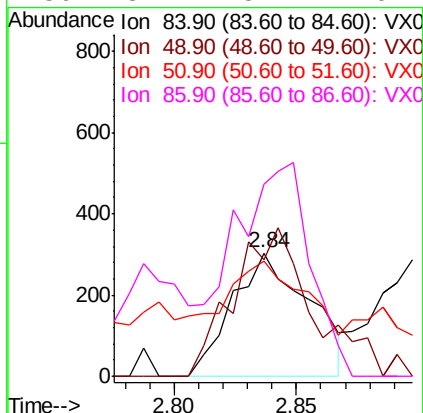
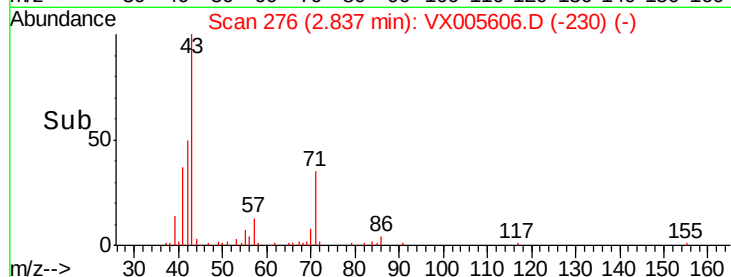
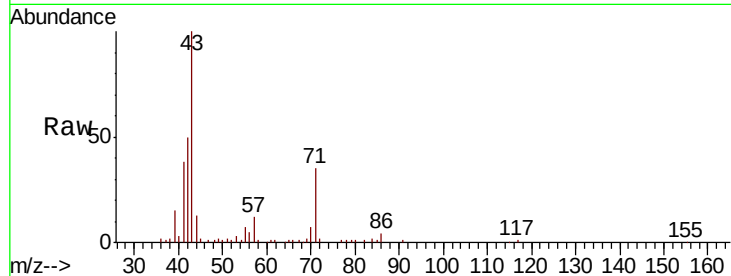




#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

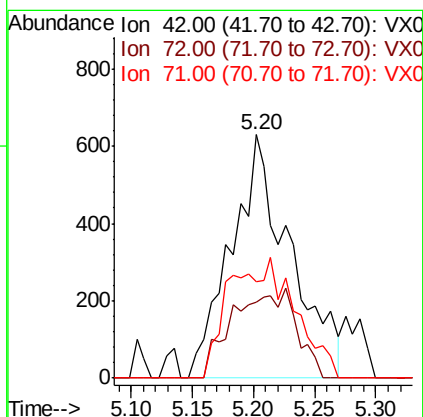
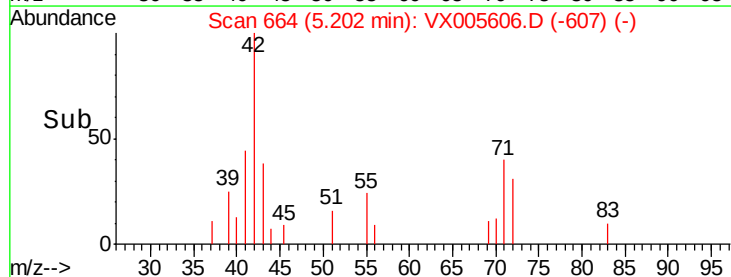
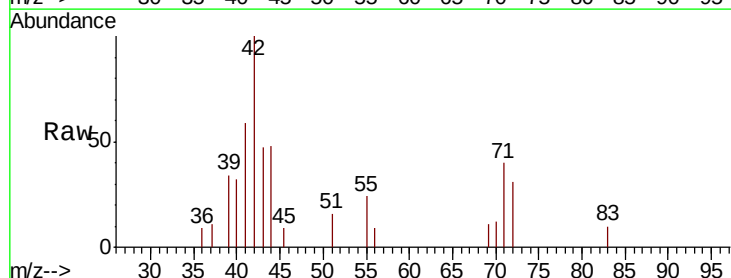
Instrument :
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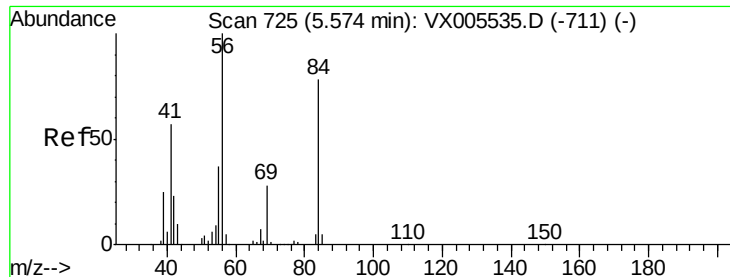
Tot Ion: 84 Resp: 661
Ion Ratio Lower Upper
84 100
49 94.4 109.5 164.3#
51 61.1 33.3 49.9#
86 131.4 52.7 79.1#



#29
Tetrahydrofuran
Concen: 1.245 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.05 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion: 42 Resp: 2107
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 26.0 29.8 44.8#

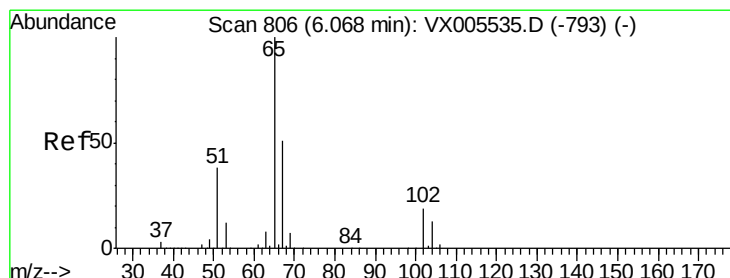
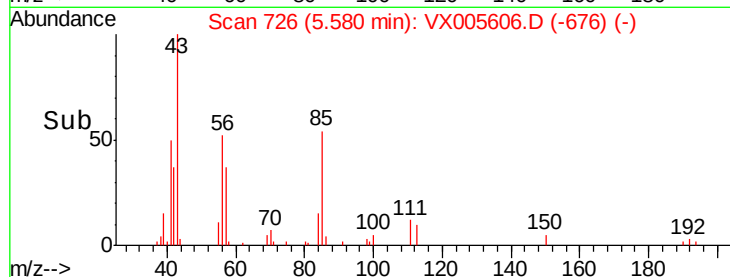
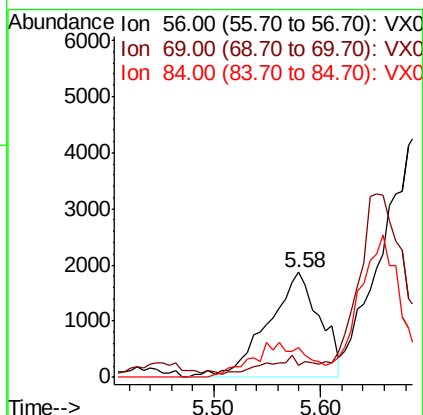
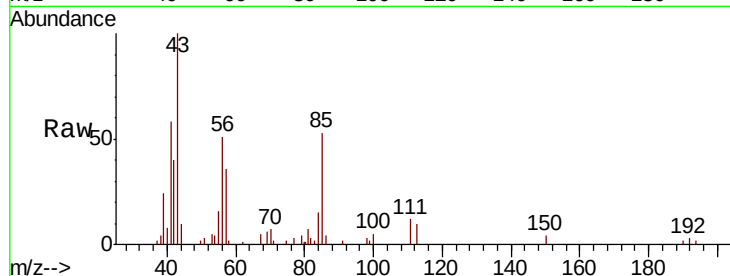




#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

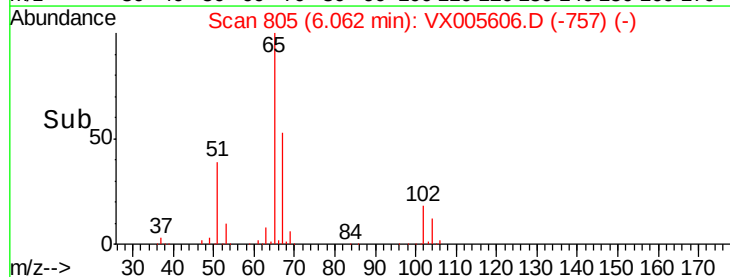
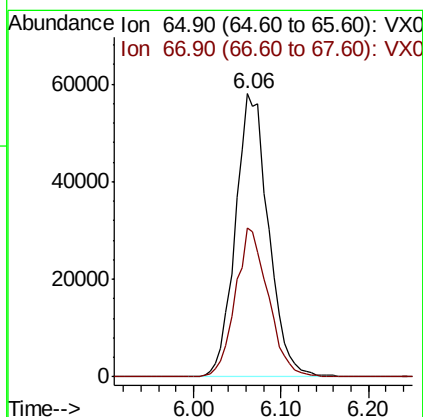
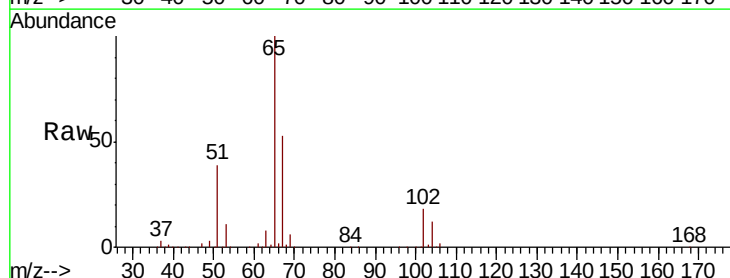
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ClientSampled :
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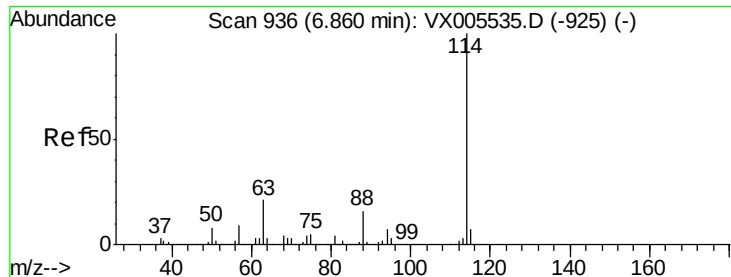
Tot Ion: 56 Resp: 6335
Ion Ratio Lower Upper
56 100
69 5.5 22.6 34.0#
84 28.6 62.7 94.1#



#33
1,2-Dichloroethane-d4
Concen: 47.181 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion: 65 Resp: 152514
Ion Ratio Lower Upper
65 100
67 52.6 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: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01BME

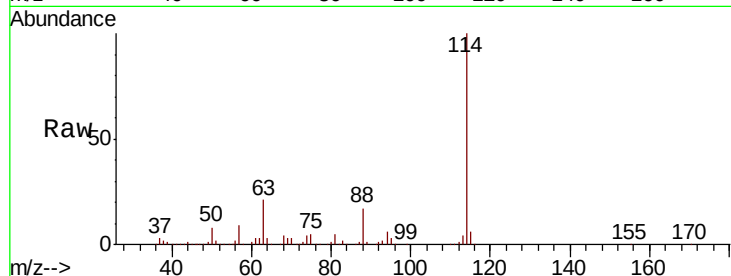
Tot Ion:114 Resp: 361408

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

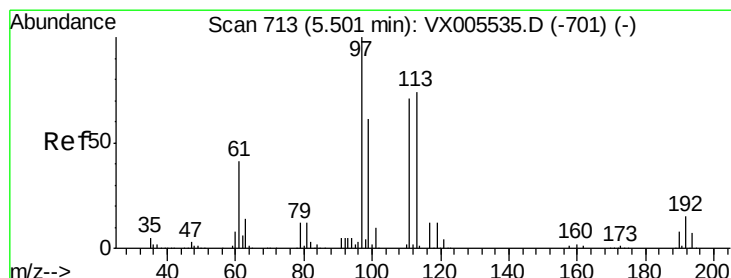
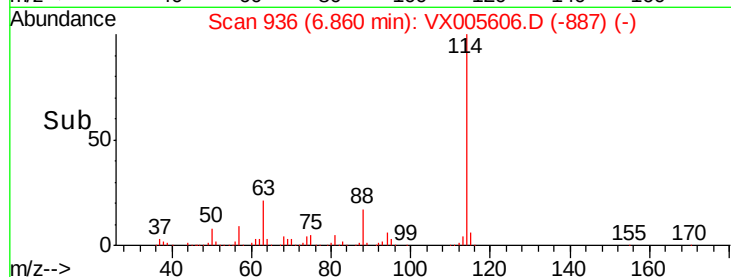
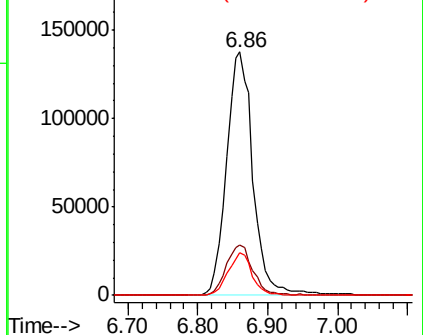
88 17.4 0.0 31.2



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: 47.329 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

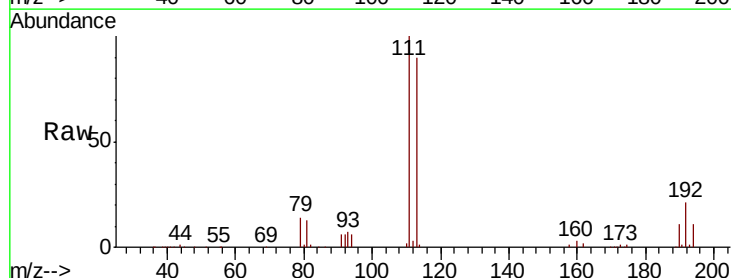
Tgt Ion:113 Resp: 115821

Ion Ratio Lower Upper

113 100

111 106.9 82.3 123.5

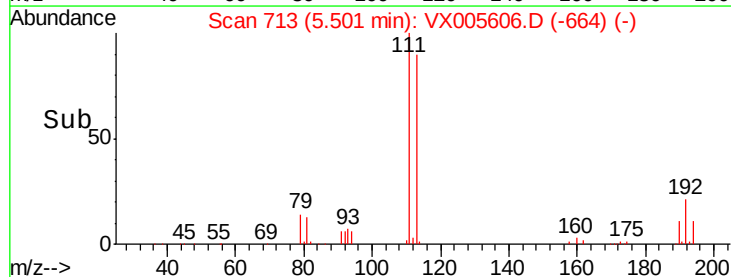
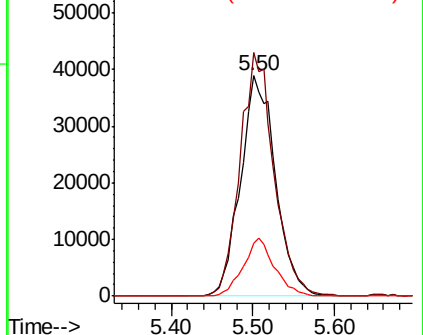
192 23.7 17.9 26.9

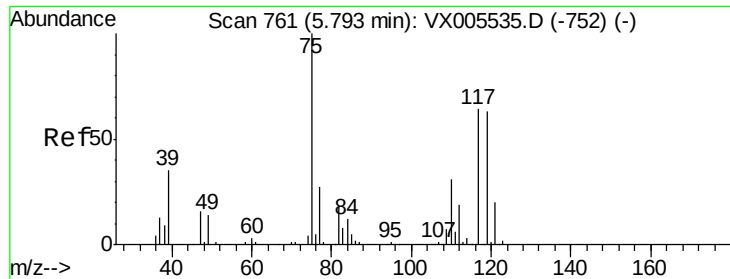


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

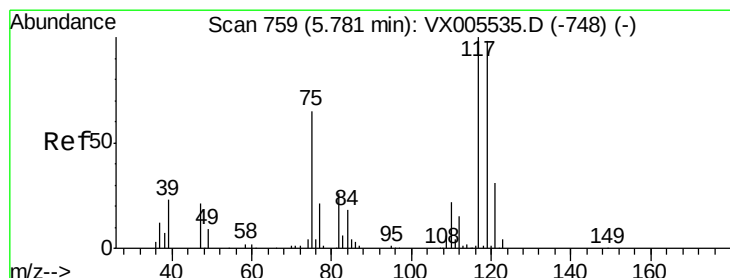
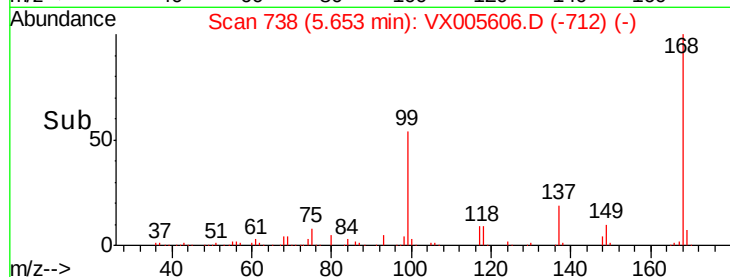
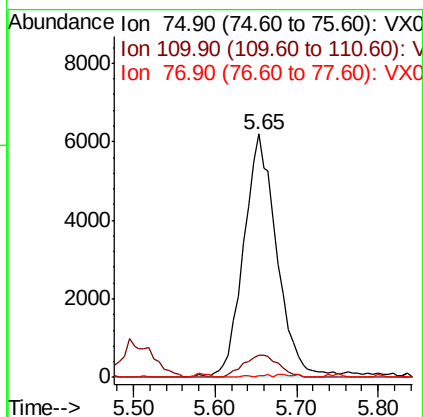
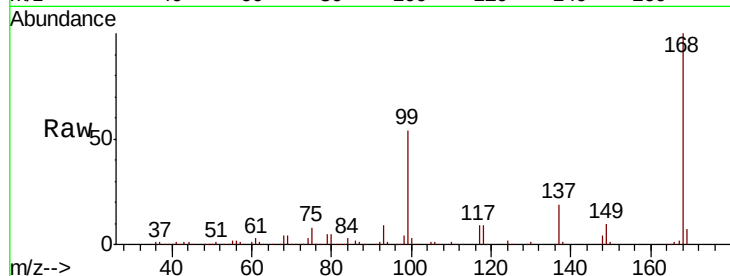




#36
 1,1-Dichloropropene
 Concen: 4.985 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX005606.D
 Acq: 26 Oct 2018 15:49

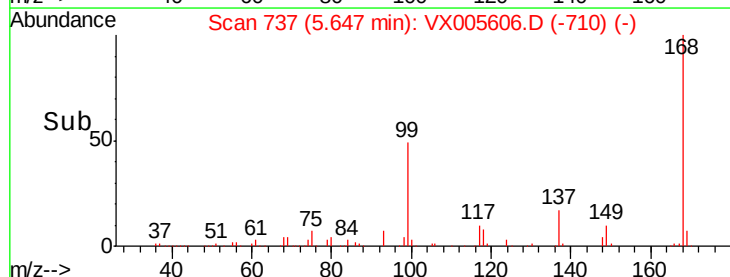
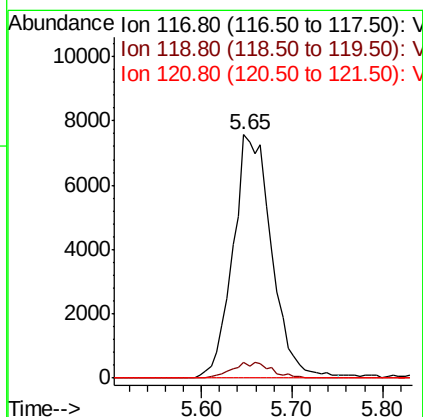
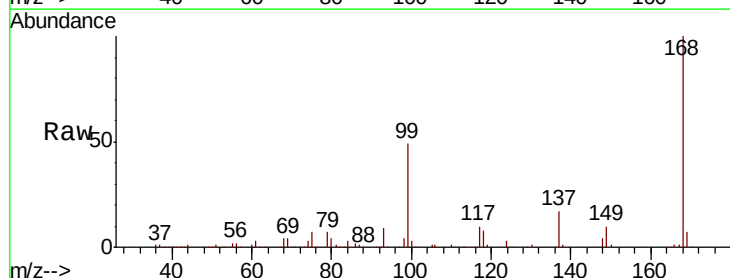
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01BME

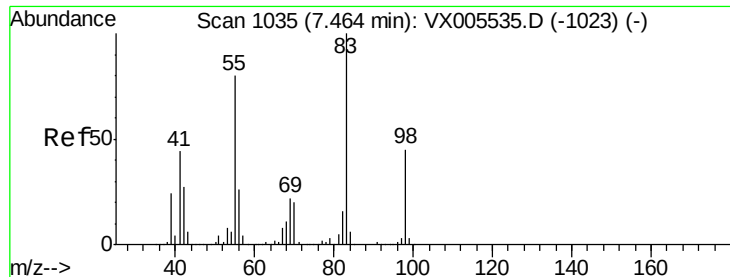
Tot Ion	75	Resp	17483
Ion Ratio	100	Lower	Upper
75	100		
110	9.7	17.4	52.2#
77	0.4	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.047 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.13 min
 Lab File: VX005606.D
 Acq: 26 Oct 2018 15:49

Tgt Ion	117	Resp	22338
Ion Ratio	100	Lower	Upper
117	100		
119	6.4	78.1	117.1#
121	0.0	24.6	36.8#

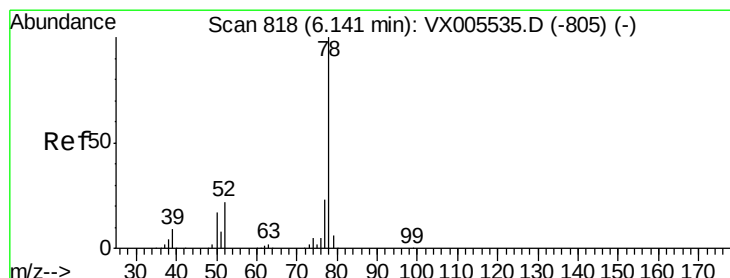
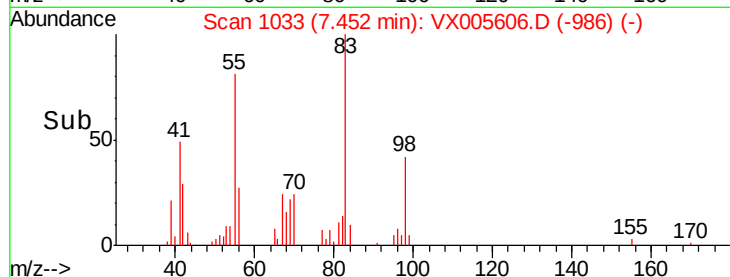
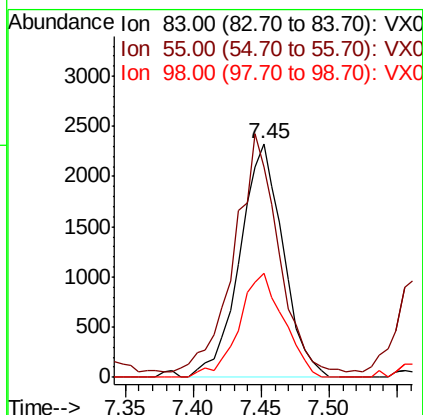
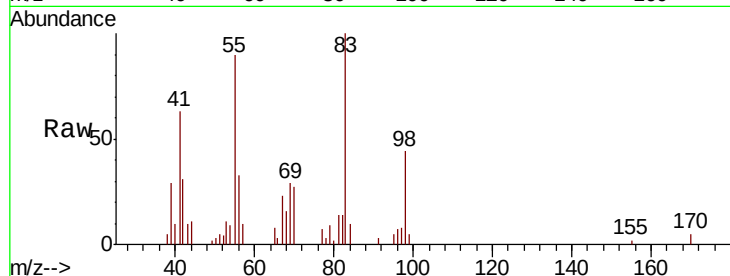




#39
Methylvlcyclohexane
Concen: 1.336 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

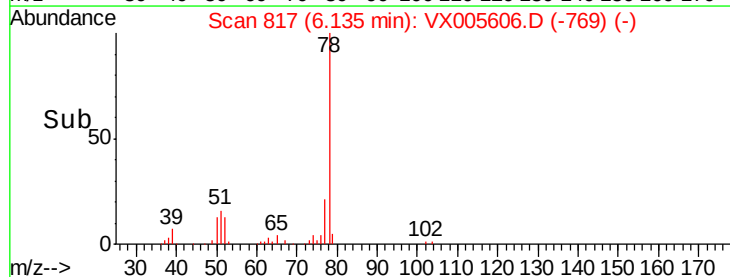
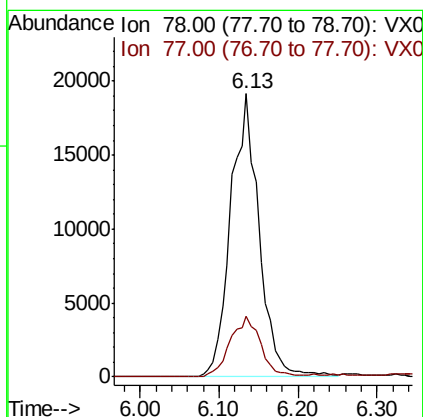
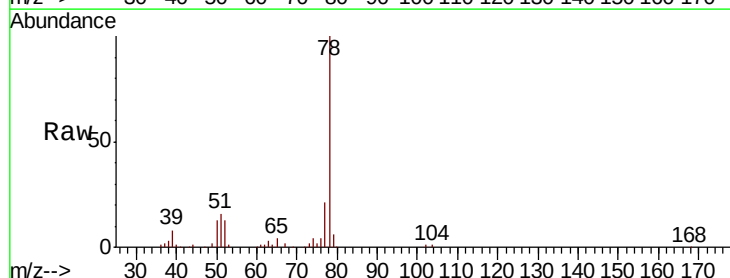
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

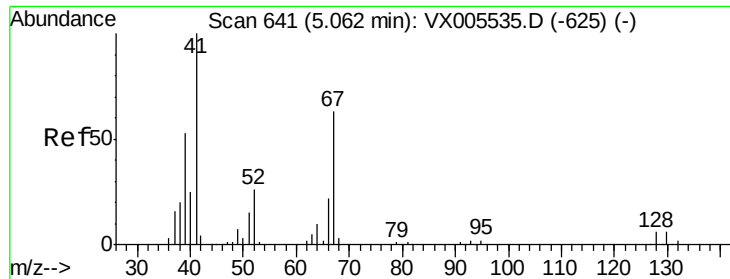
Tot Ion: 83 Resp: 5175
Ion Ratio Lower Upper
83 100
55 87.0 63.7 95.5
98 44.4 36.2 54.2



#40
Benzene
Concen: 4.761 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion: 78 Resp: 47871
Ion Ratio Lower Upper
78 100
77 21.2 18.4 27.6

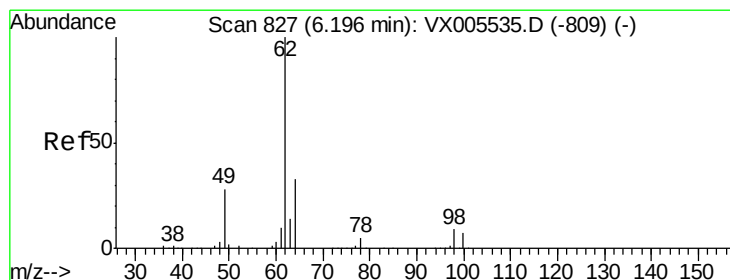
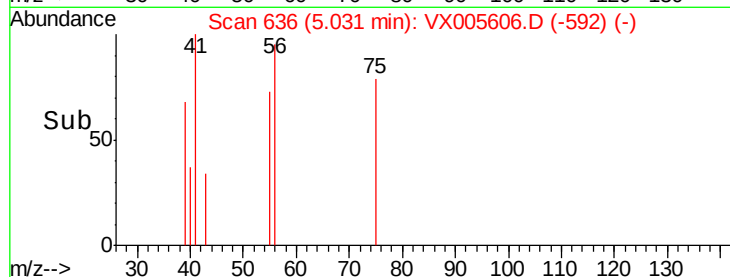
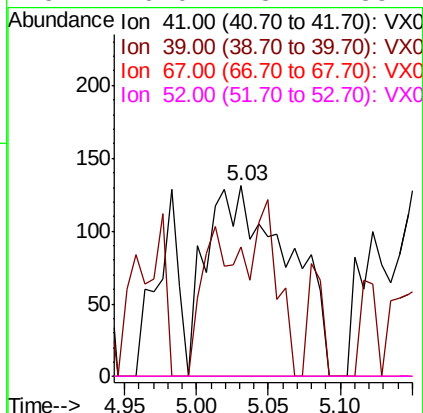
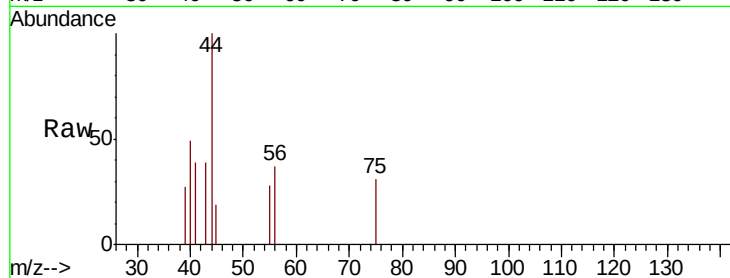




#41
Methacrylonitrile
Concen: 0.208 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.03 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

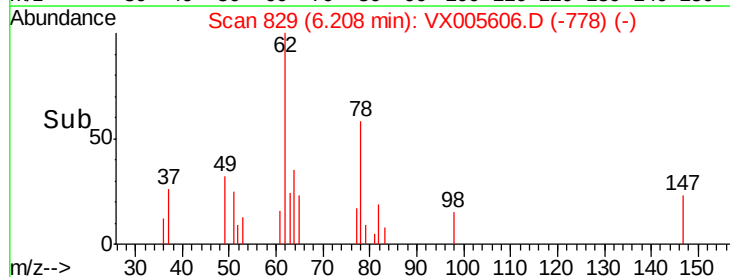
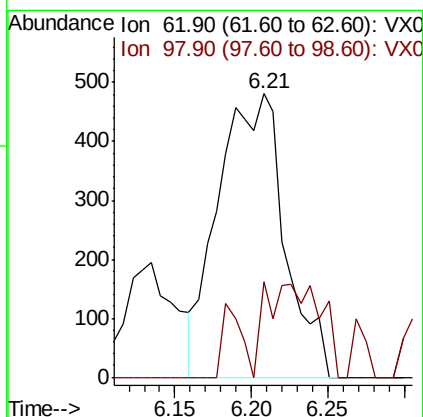
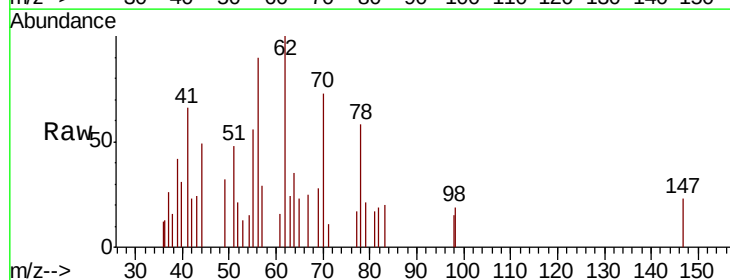
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

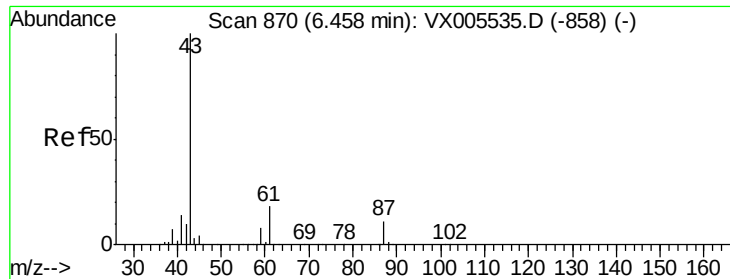
Tot Ion: 41 Resp: 518
Ion Ratio Lower Upper
41 100
39 24.1 42.2 63.2#
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#



#42
1,2-Dichloroethane
Concen: 0.380 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion: 62 Resp: 1451
Ion Ratio Lower Upper
62 100
98 27.2 0.0 17.8#





#43

Isopropyl Acetate

Concen: 0.301 ug/l

RT: 6.49 min Scan# 875

Delta R.T. 0.03 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01BME

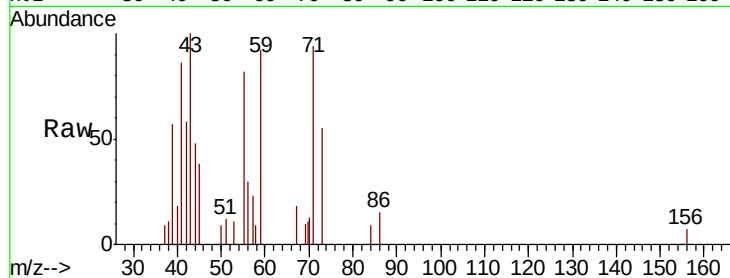
Tot Ion: 43 Resp: 2019

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

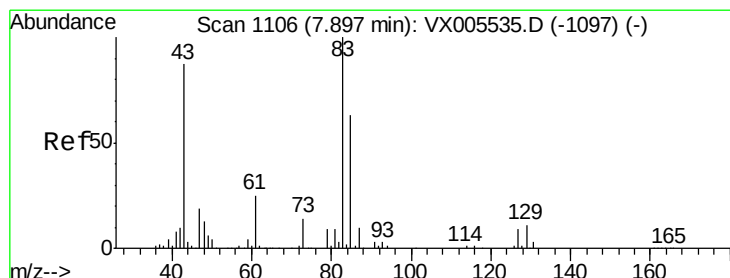
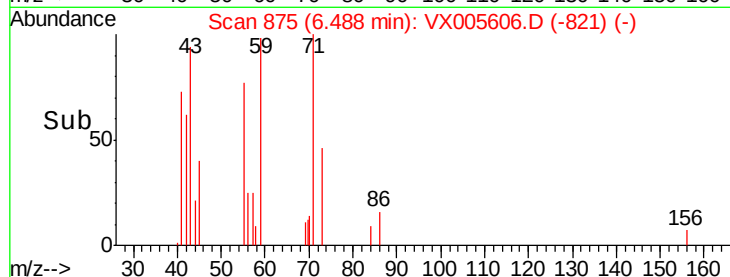
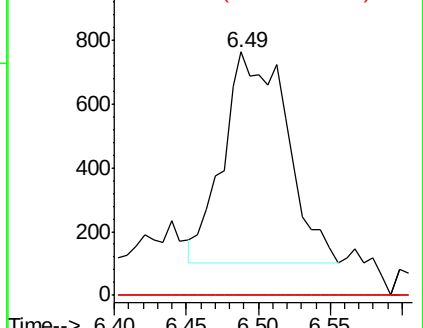
87 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 0.267 ug/l

RT: 7.96 min Scan# 1117

Delta R.T. 0.07 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

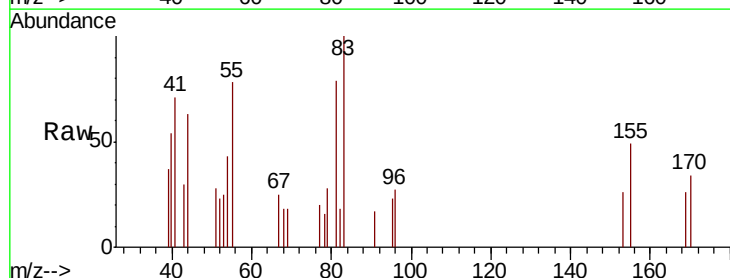
Tgt Ion: 83 Resp: 903

Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.4#

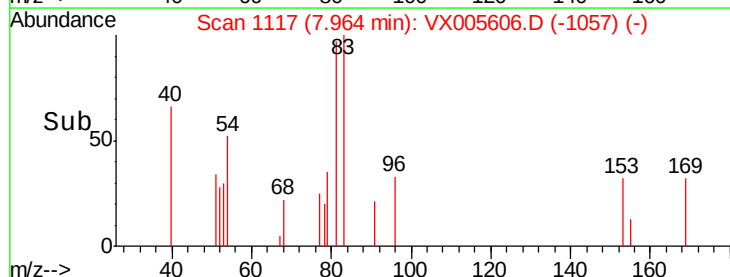
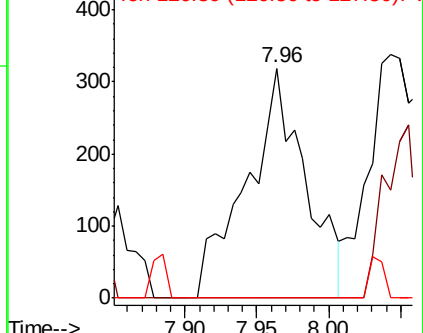
127 0.0 6.9 10.3#

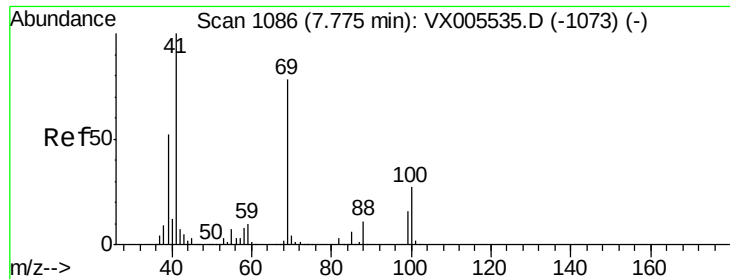


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

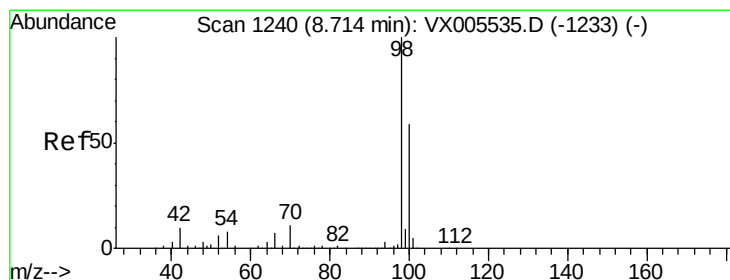
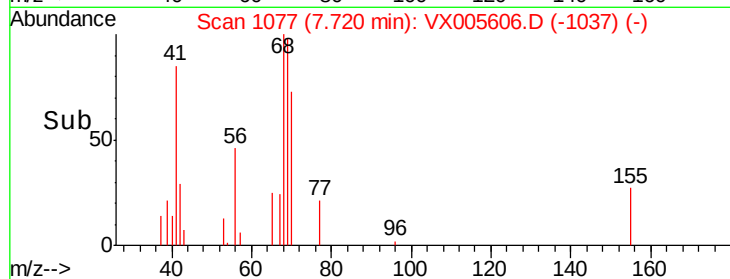
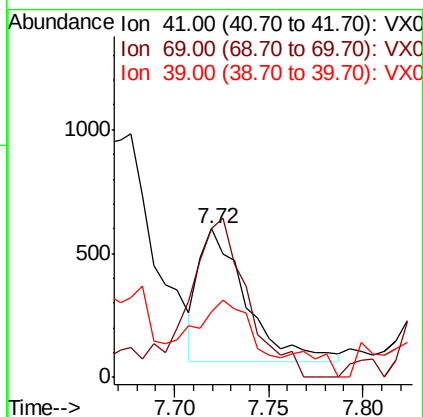
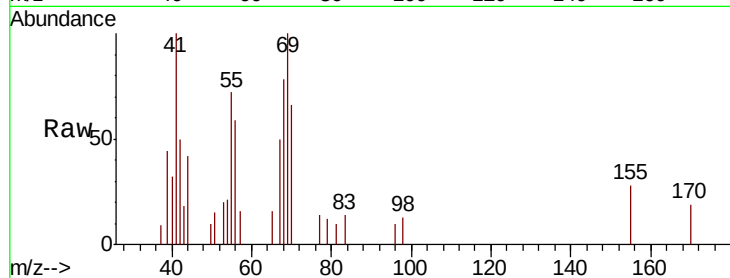




#48
Methvl methacrylate
Concen: 0.286 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.05 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

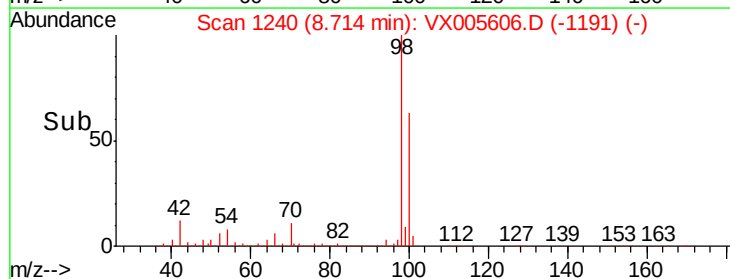
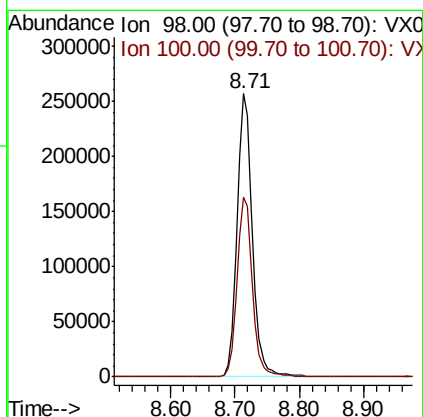
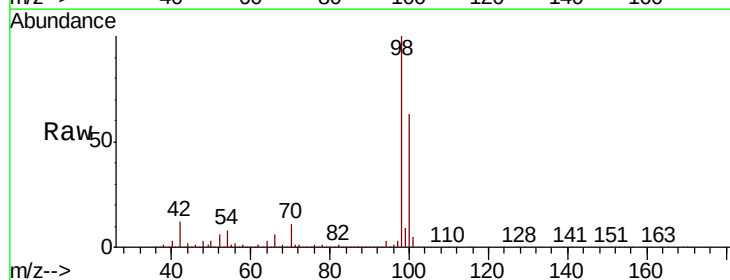
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

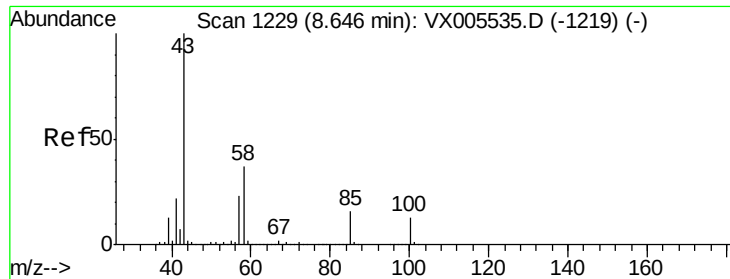
Tot Ion: 41 Resp: 933
Ion Ratio Lower Upper
41 100
69 148.8 63.2 94.8#
39 46.1 42.2 63.2



#50
Toluene-d8
Concen: 48.900 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion: 98 Resp: 429984
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 1.620 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

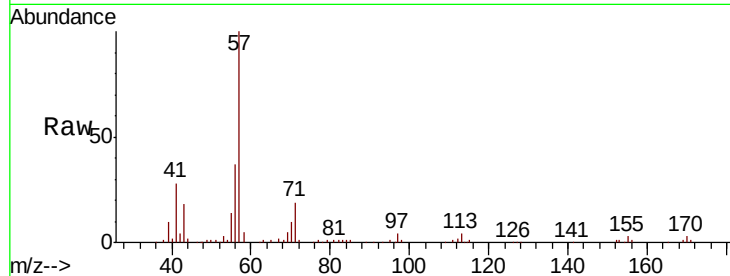
AOC2-01BME

Tot Ion: 43 Resp: 7302

Ion Ratio Lower Upper

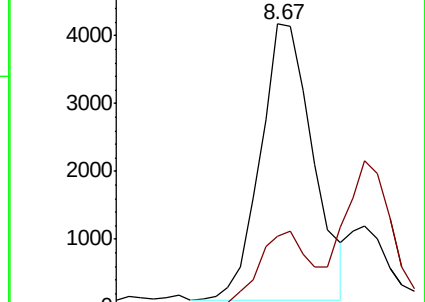
43 100

58 25.9 29.7 44.5#

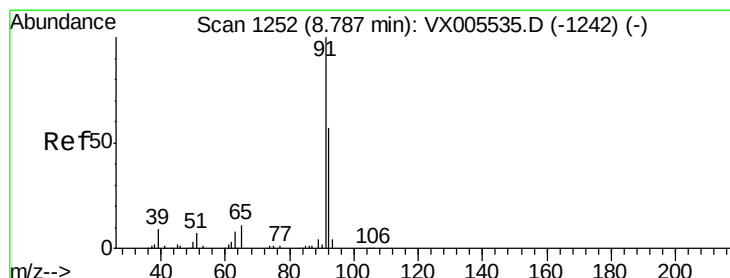
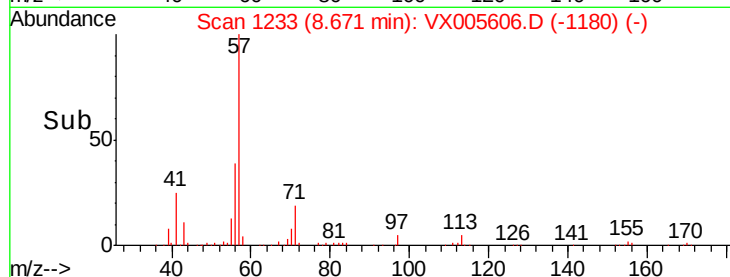


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 17.541 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005606.D

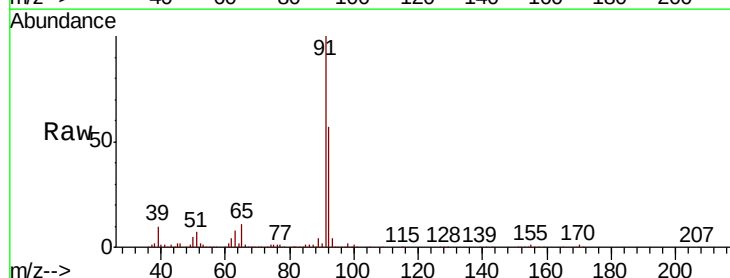
Acq: 26 Oct 2018 15:49

Tgt Ion: 92 Resp: 107183

Ion Ratio Lower Upper

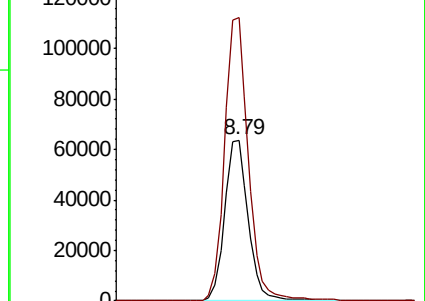
92 100

91 175.8 140.4 210.6

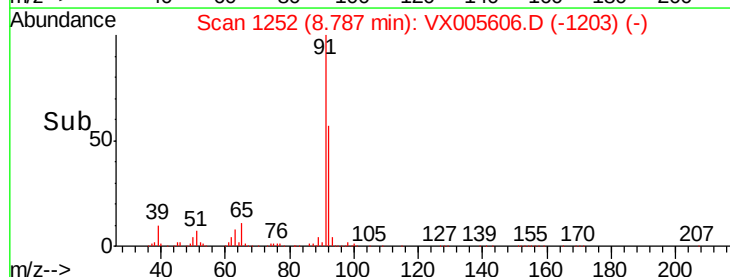


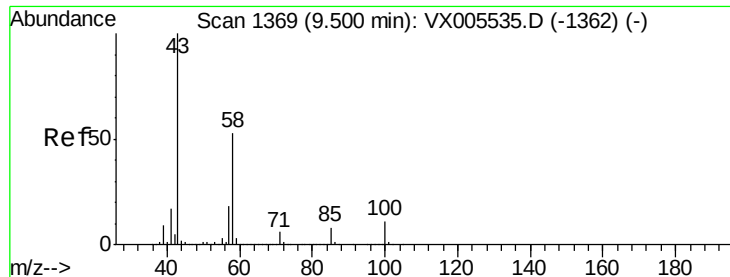
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#59

2-Hexanone

Concen: 0.678 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. 0.05 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

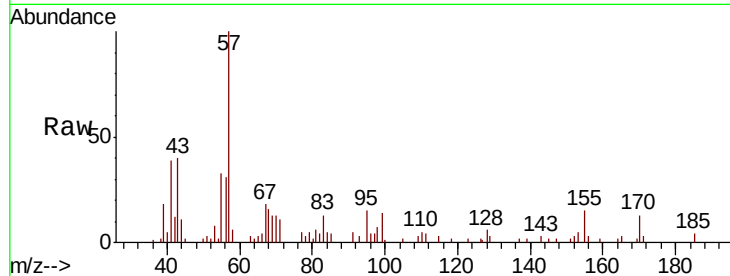
AOC2-01BME

Tot Ion: 43 Resp: 2409

Ion Ratio Lower Upper

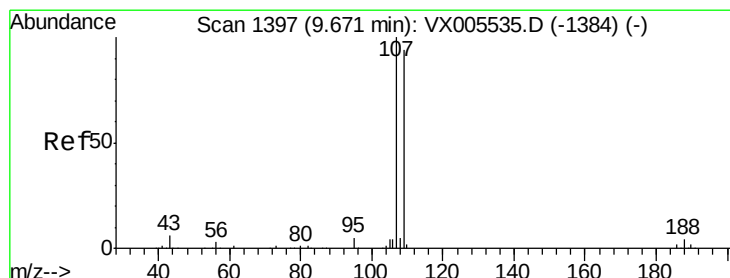
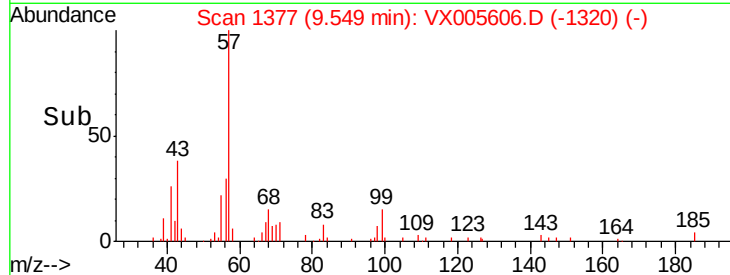
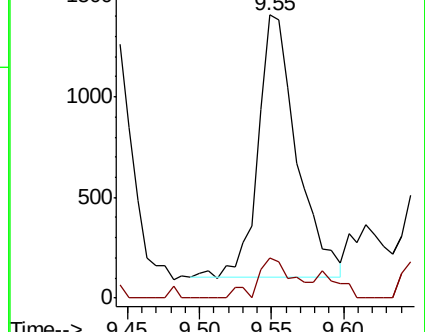
43 100

58 15.0 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#61

1,2-Dibromoethane

Concen: 0.361 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005606.D

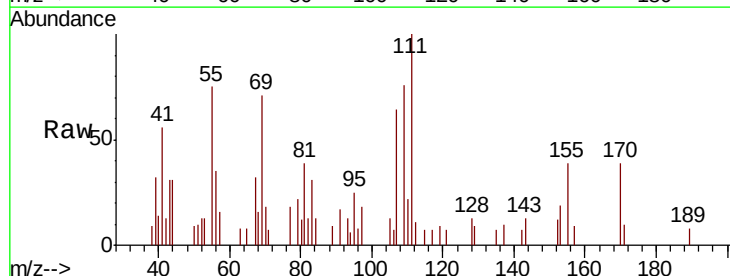
Acq: 26 Oct 2018 15:49

Tgt Ion:107 Resp: 963

Ion Ratio Lower Upper

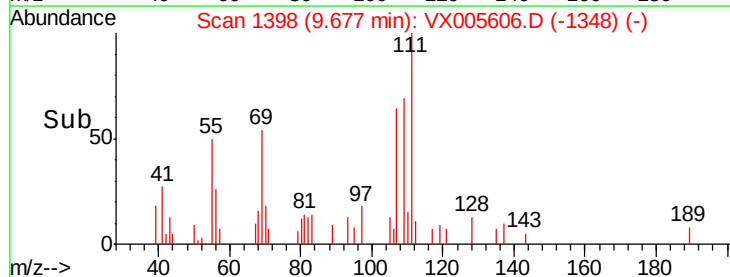
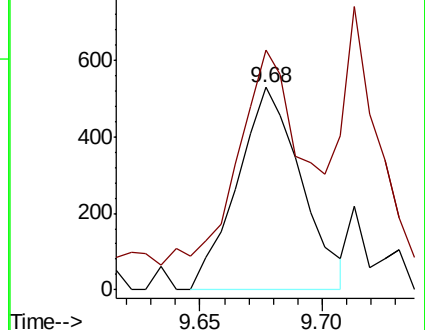
107 100

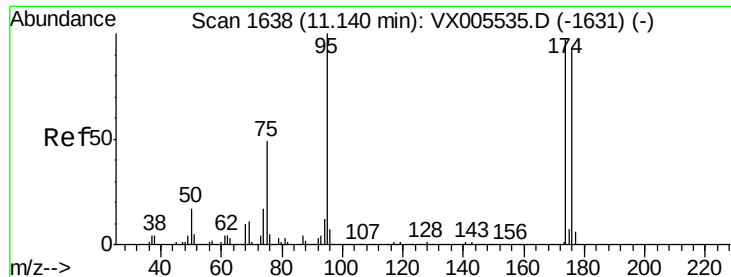
109 105.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 46.346 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01BME

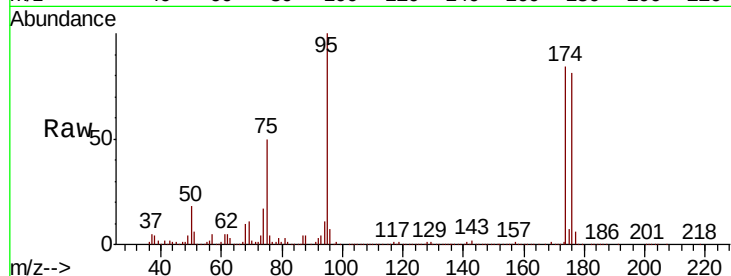
Tot Ion: 95 Resp: 153902

Ion Ratio Lower Upper

95 100

174 90.8 0.0 184.4

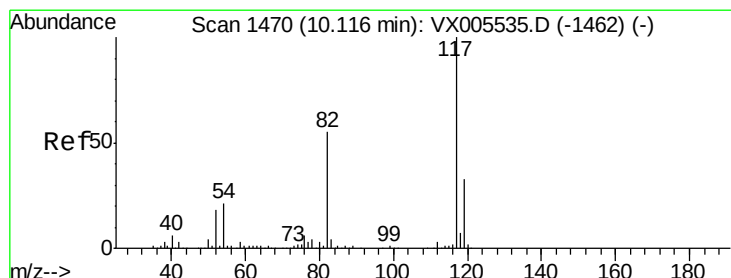
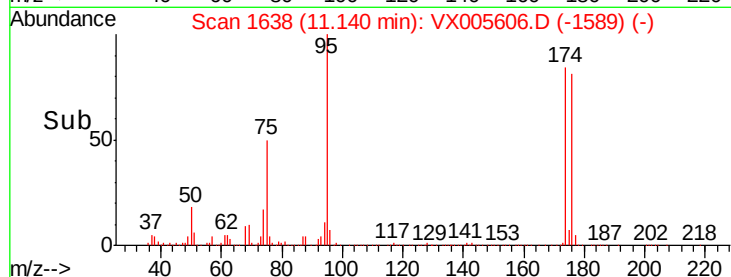
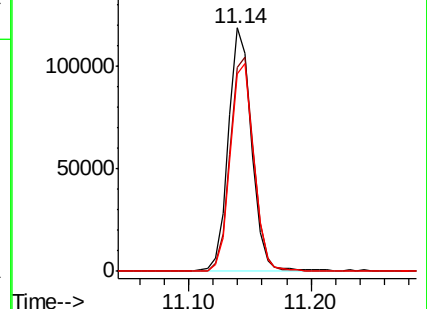
176 87.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005535.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005535.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005535.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

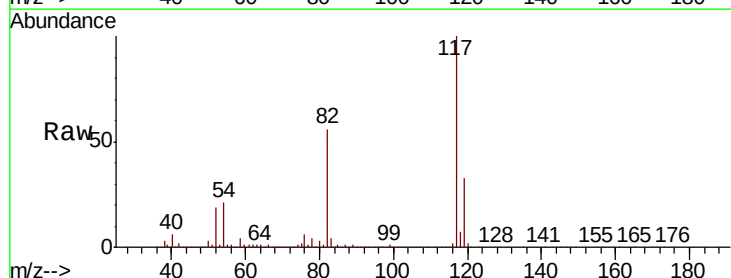
Tgt Ion: 117 Resp: 328575

Ion Ratio Lower Upper

117 100

82 55.6 44.1 66.1

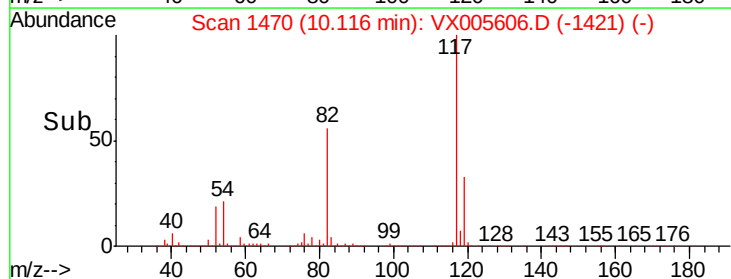
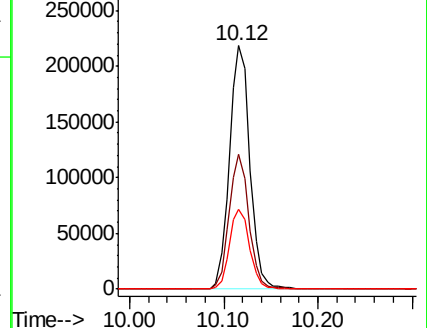
119 32.7 26.2 39.2

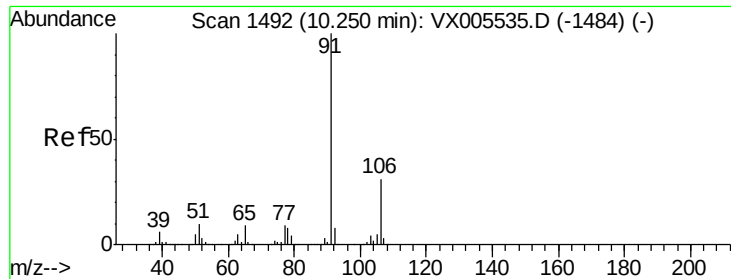


Abundance Ion 116.90 (116.60 to 117.60): VX005535.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005535.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005535.D (-1462) (-)





#67

Ethyl Benzene

Concen: 3.998 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampled :

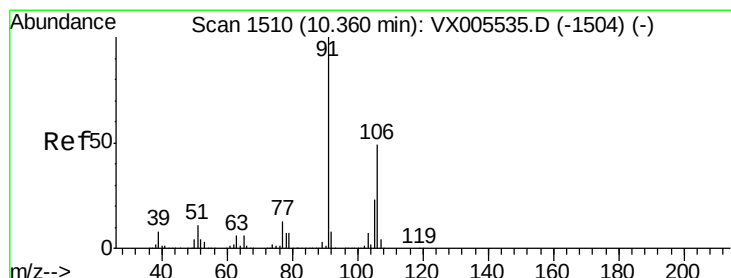
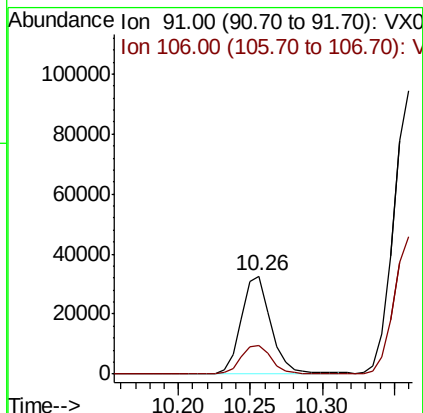
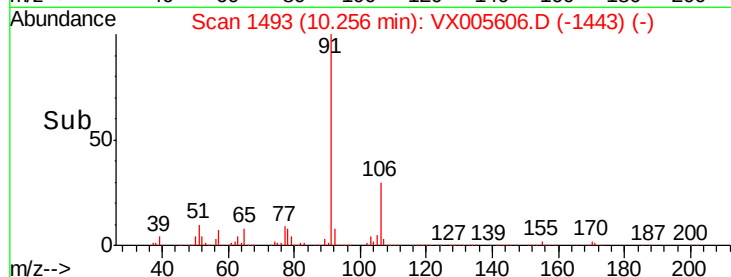
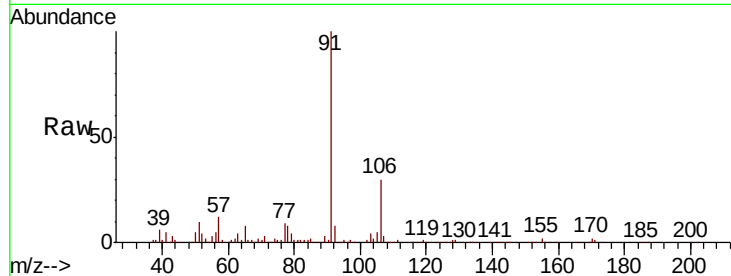
AOC2-01BME

Tot Ion: 91 Resp: 46024

Ion Ratio Lower Upper

91 100

106 29.6 24.4 36.6



#68

m/p-Xylenes

Concen: 14.243 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005606.D

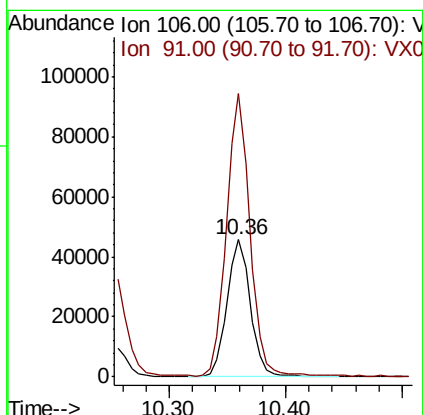
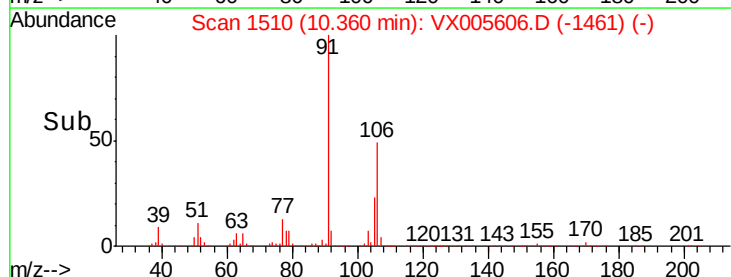
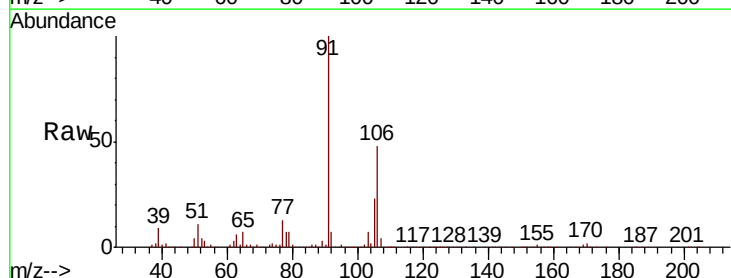
Acq: 26 Oct 2018 15:49

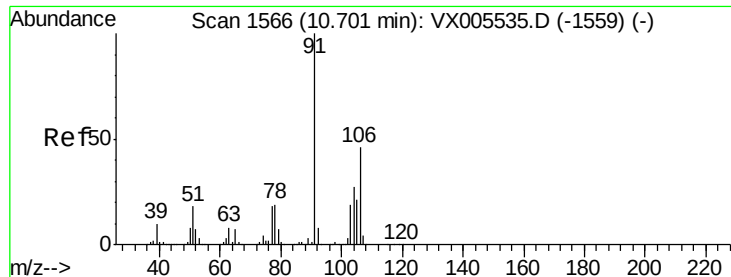
Tgt Ion: 106 Resp: 63613

Ion Ratio Lower Upper

106 100

91 204.9 164.2 246.4

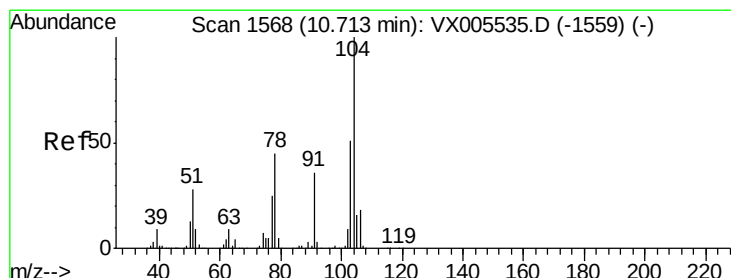
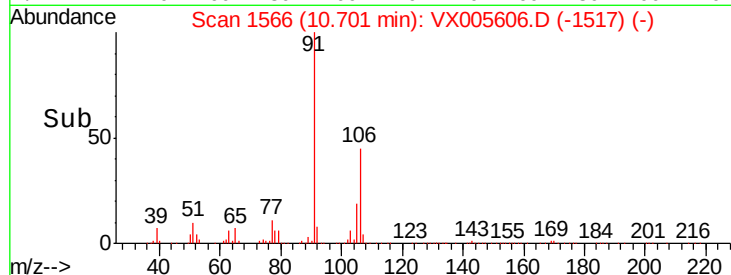
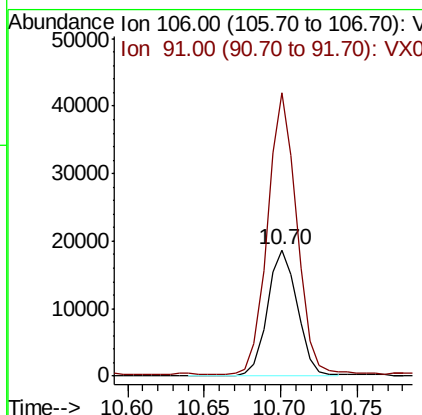
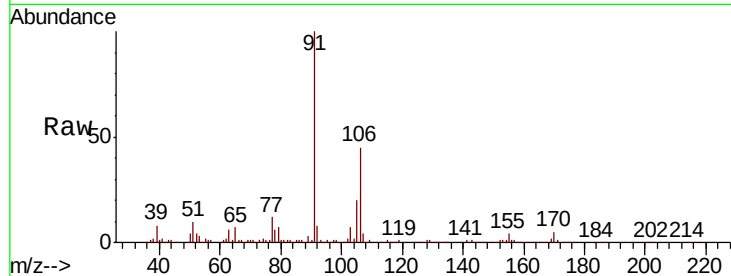




#69
o-Xylene
Concen: 6.120 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

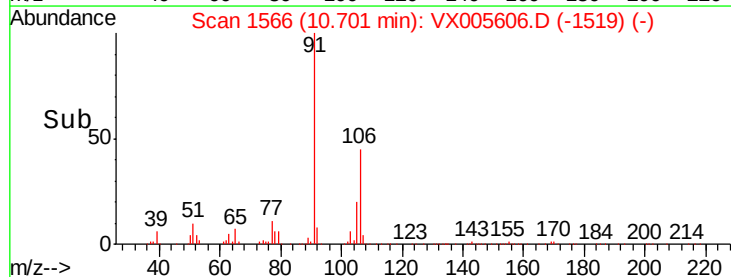
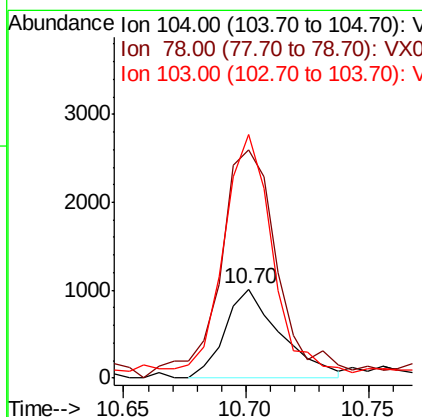
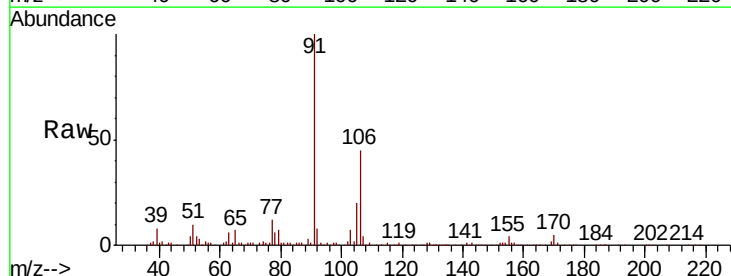
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

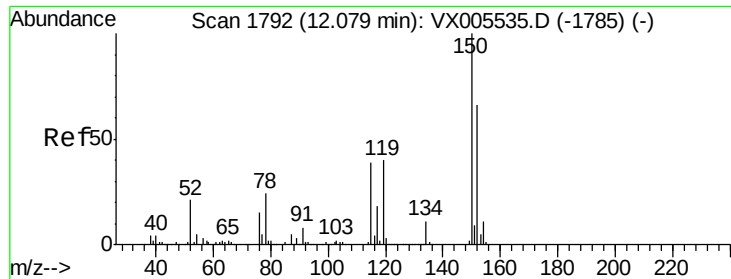
Tot Ion:106 Resp: 25715
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.5



#70
Styrene
Concen: 0.227 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion:104 Resp: 1600
Ion Ratio Lower Upper
104 100
78 274.3 40.2 60.4#
103 238.1 44.9 67.3#



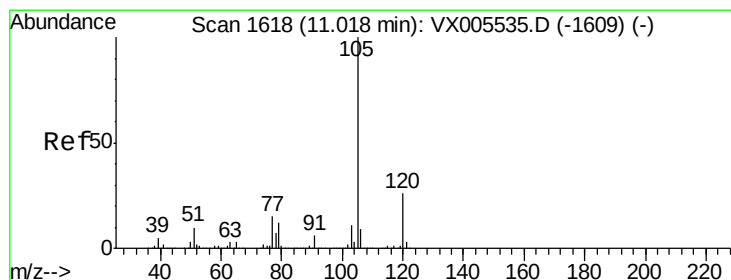
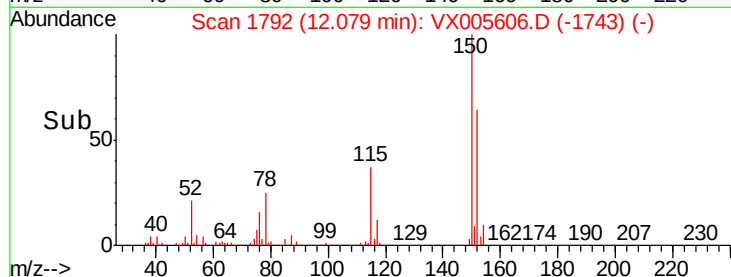
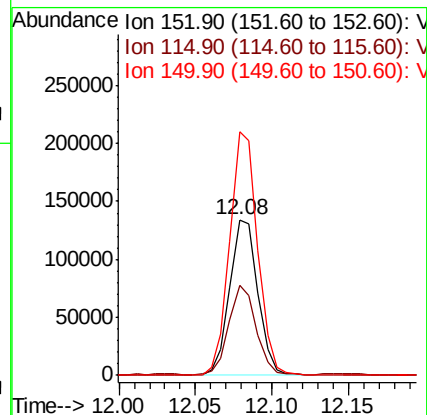
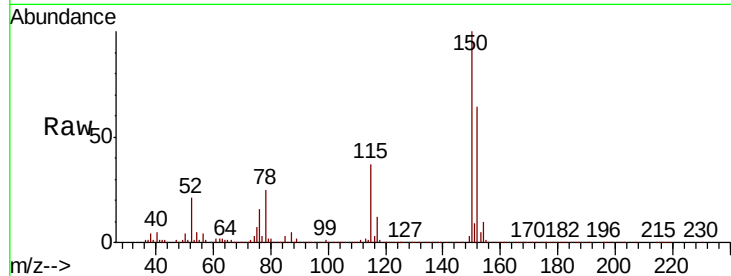


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

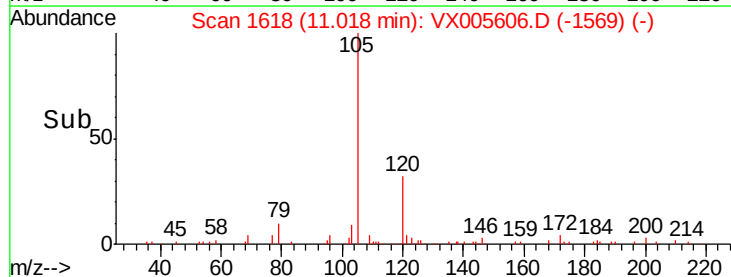
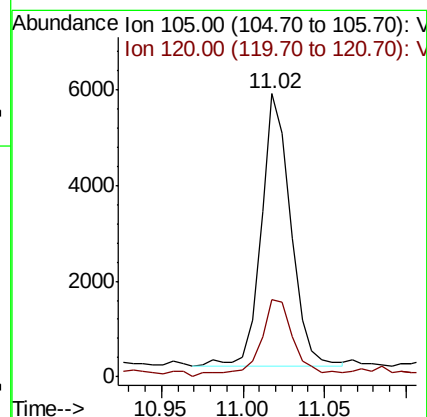
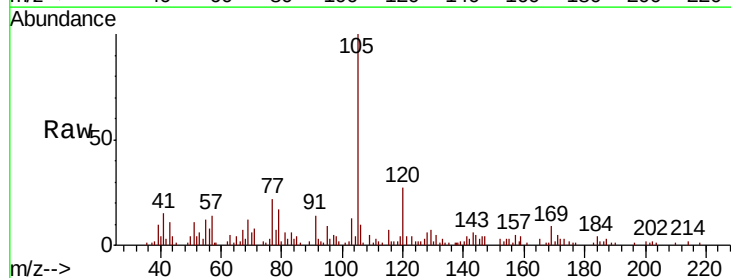
Tot Ion:152 Resp: 170328
Ion Ratio Lower Upper
152 100
115 55.1 39.4 118.1
150 155.3 0.0 346.4

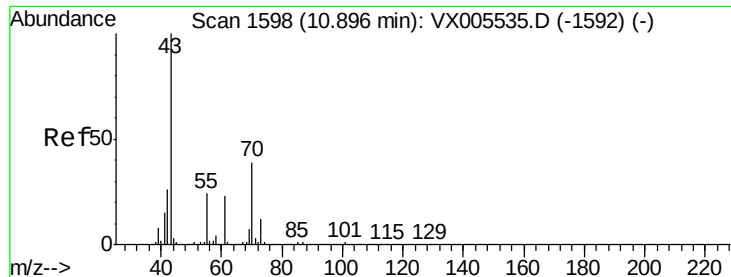


#73

Isopropylbenzene
Concen: 0.689 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion:105 Resp: 7169
Ion Ratio Lower Upper
105 100
120 33.6 13.1 39.3

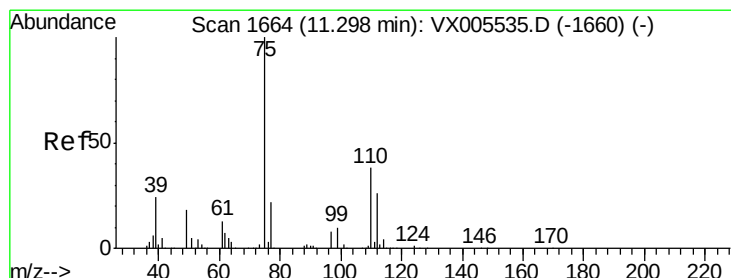
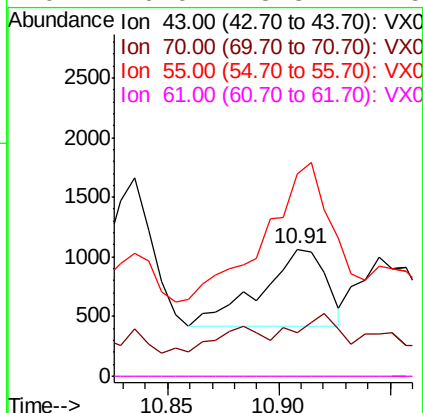
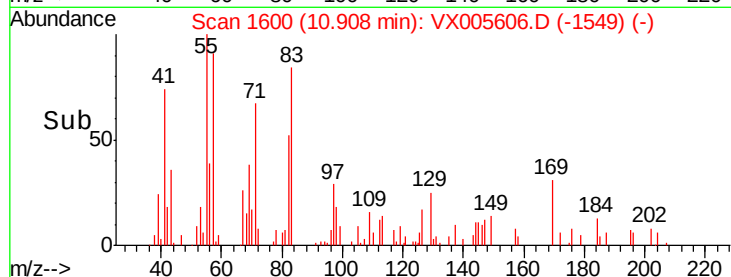
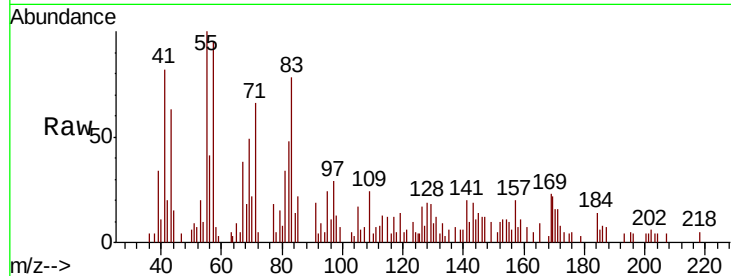




#74
N-amvl acetate
Concen: 0.254 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

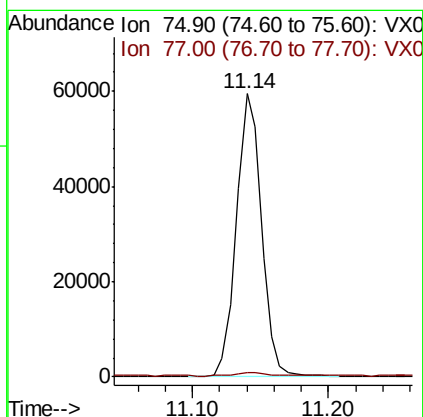
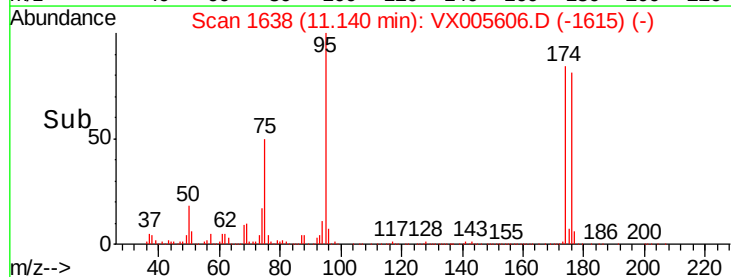
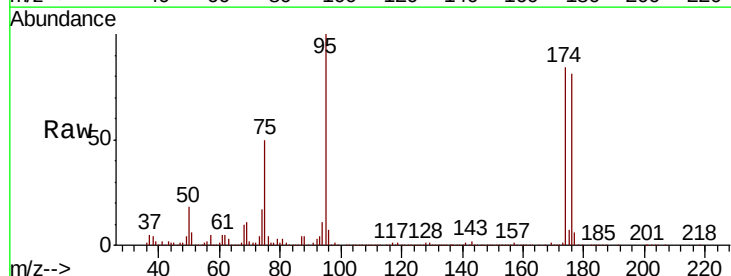
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

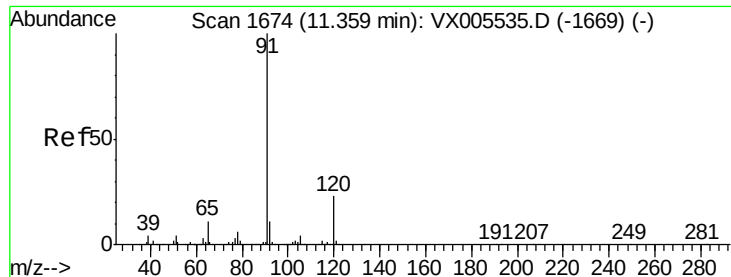
Tot Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
70 24.5 31.6 47.4#
55 188.6 19.7 29.5#
61 0.0 18.3 27.5#



#76
1,2,3-Trichloropropane
Concen: 21.240 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion: 75 Resp: 76653
Ion Ratio Lower Upper
75 100
77 1.8 20.5 61.6#





#78

n-propylbenzene

Concen: 3.025 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

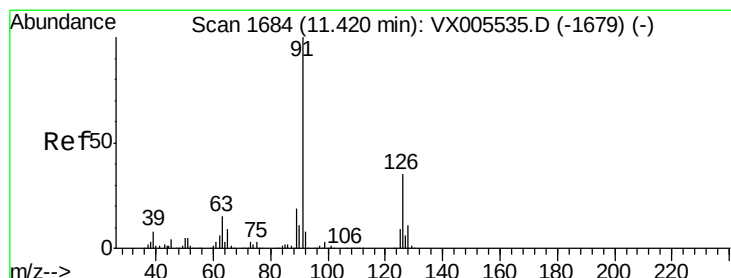
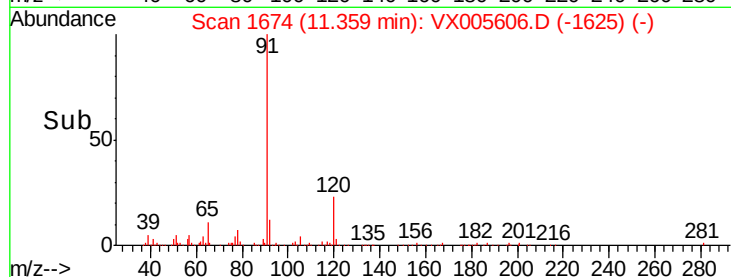
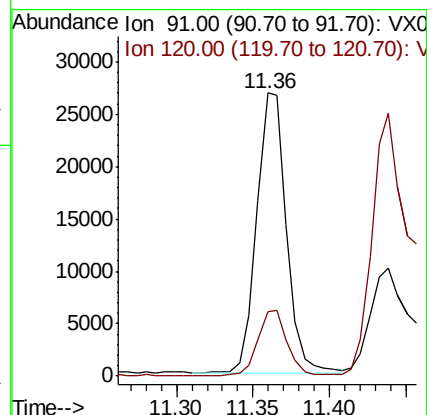
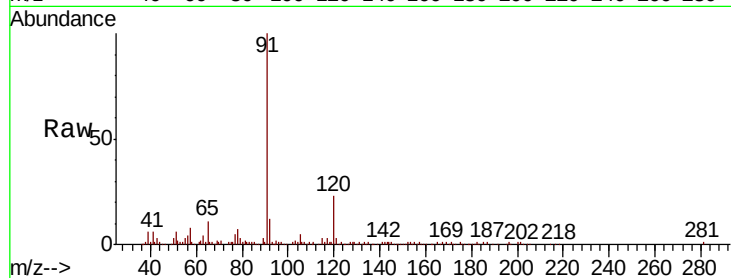
AOC2-01BME

Tot Ion: 91 Resp: 36019

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 2.424 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX005606.D

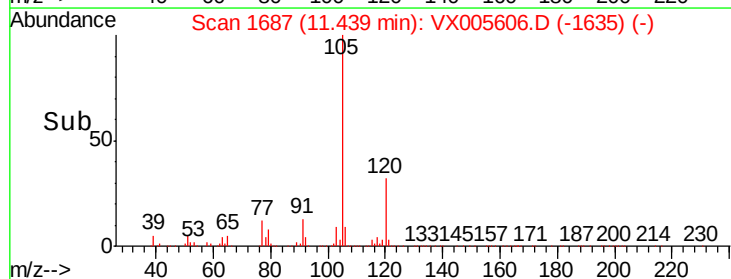
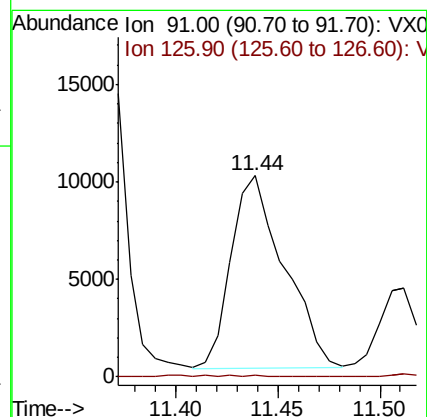
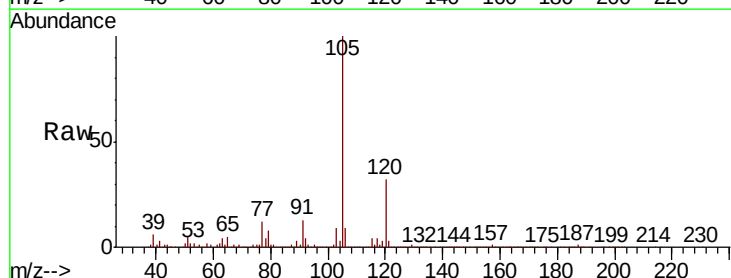
Acq: 26 Oct 2018 15:49

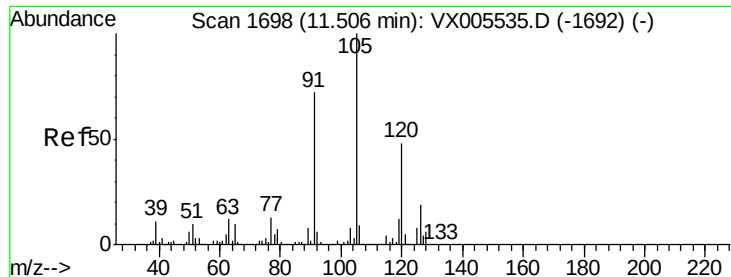
Tgt Ion: 91 Resp: 17890

Ion Ratio Lower Upper

91 100

126 0.8 17.3 52.0#

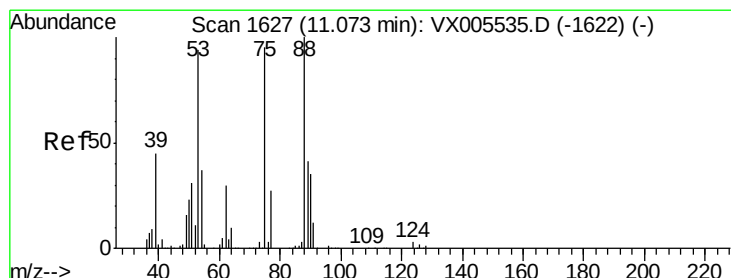
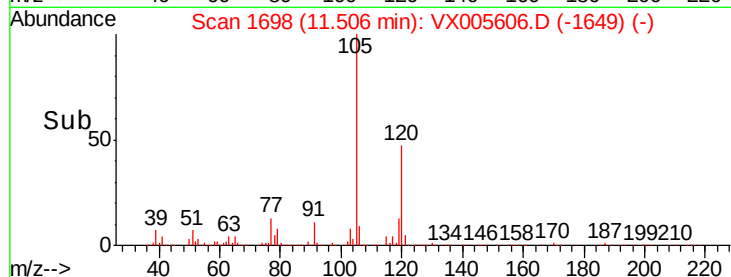
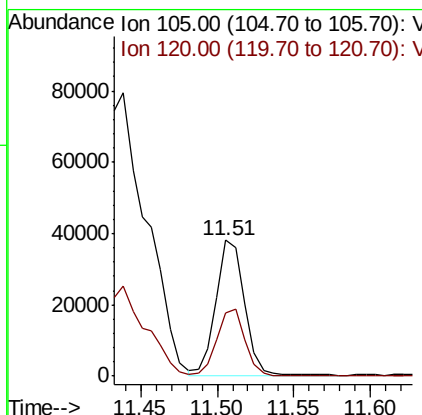
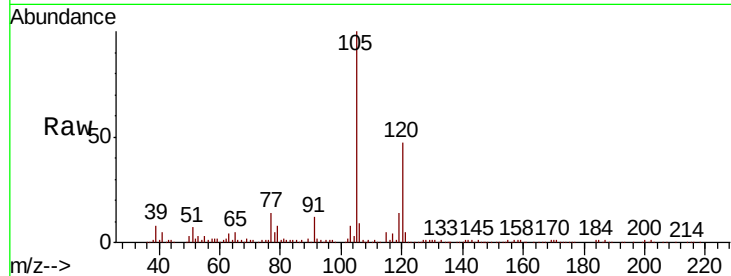




#80
 1,3,5-Trimethylbenzene
 Concen: 5.501 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005606.D
 Acq: 26 Oct 2018 15:49

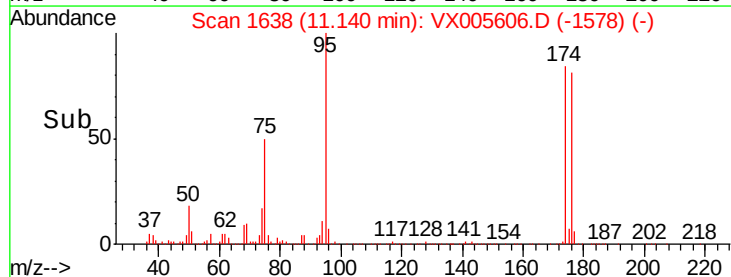
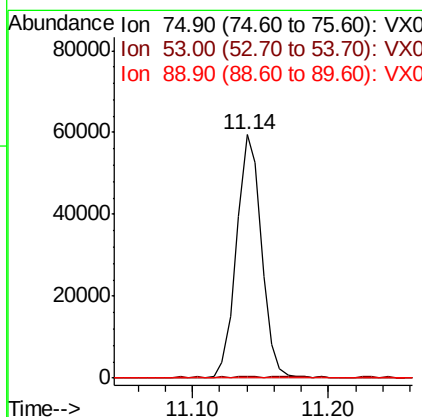
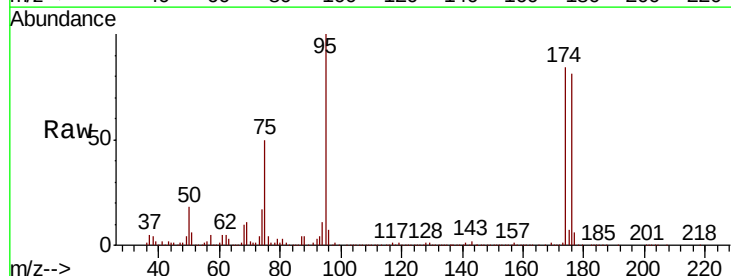
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01BME

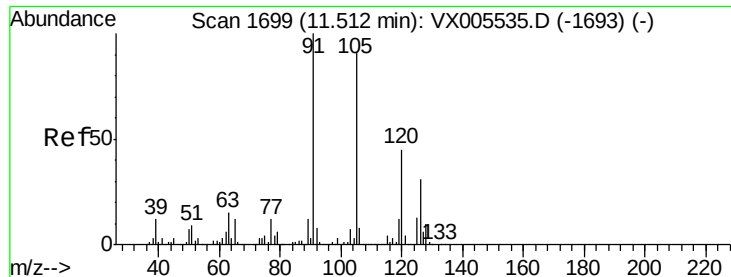
Tot Ion:105 Resp: 49000
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.403 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005606.D
 Acq: 26 Oct 2018 15:49

Tgt Ion: 75 Resp: 76653
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.2 120.2#
 89 0.2 39.8 59.8#





#82

4-Chlorotoluene

Concen: 0.586 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

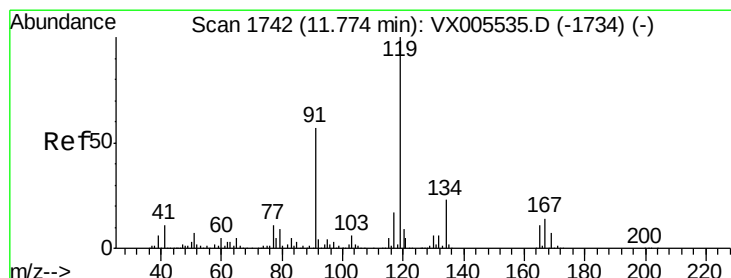
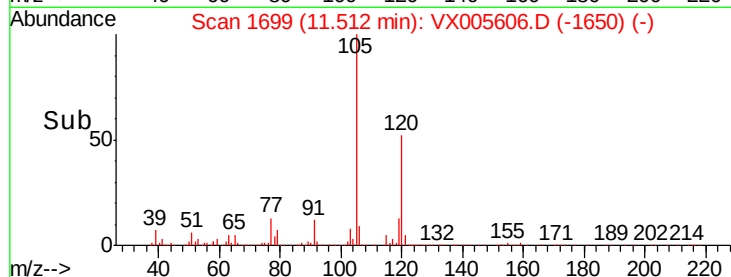
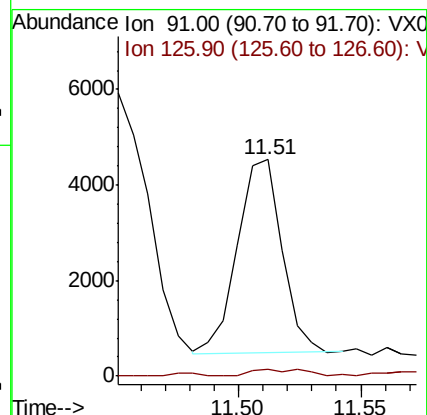
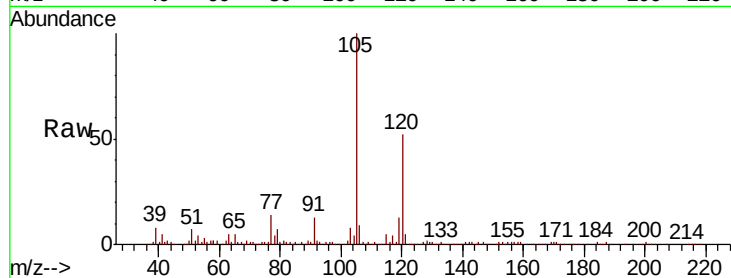
AOC2-01BME

Tot Ion: 91 Resp: 5104

Ion Ratio Lower Upper

91 100

126 4.7 15.2 45.6#



#83

tert-Butylbenzene

Concen: 2.261 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

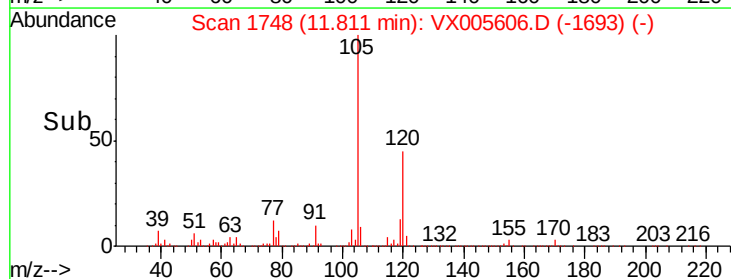
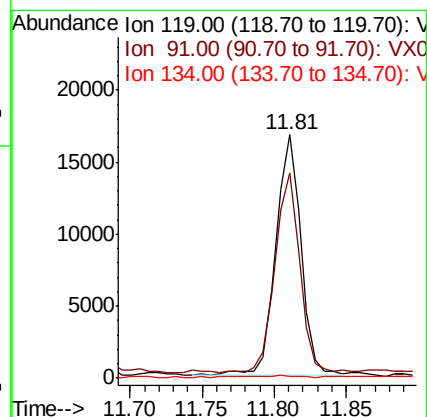
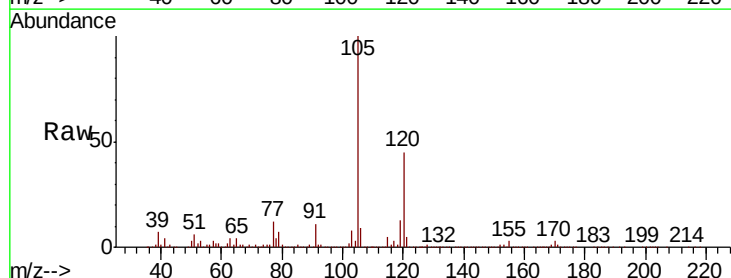
Tgt Ion: 119 Resp: 20071

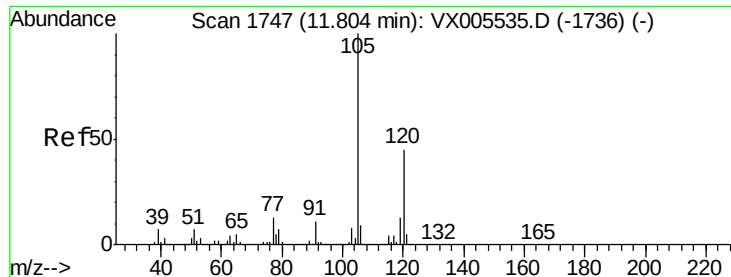
Ion Ratio Lower Upper

119 100

91 81.1 28.5 85.5

134 0.7 11.3 33.8#





#84

1,2,4-Trimethylbenzene

Concen: 17.722 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

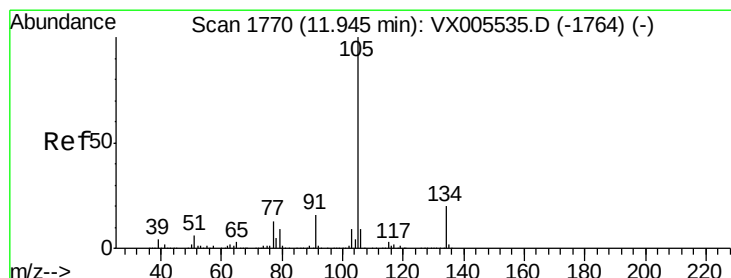
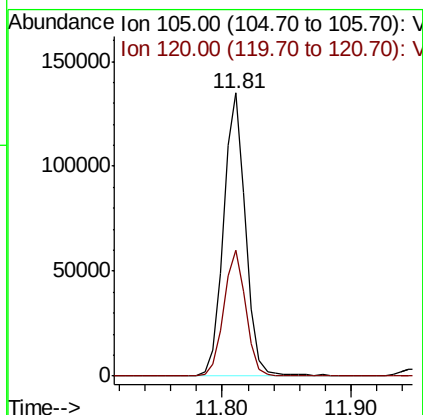
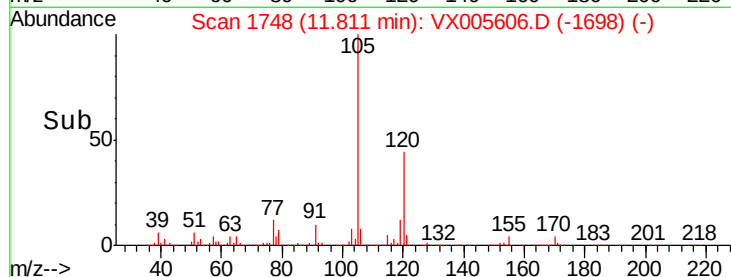
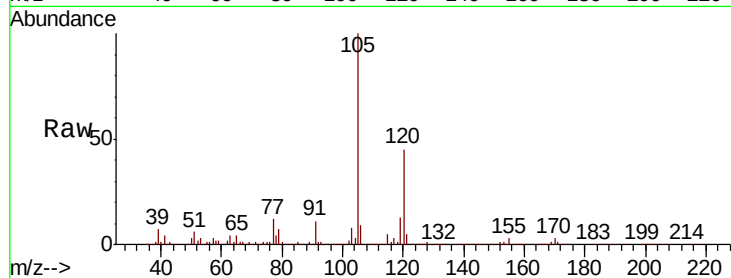
AOC2-01BME

Tot Ion:105 Resp: 159977

Ion Ratio Lower Upper

105 100

120 44.6 22.4 67.0



#85

sec-Butylbenzene

Concen: 15.101 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.13 min

Lab File: VX005606.D

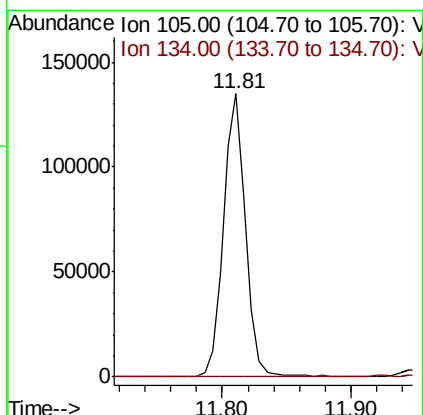
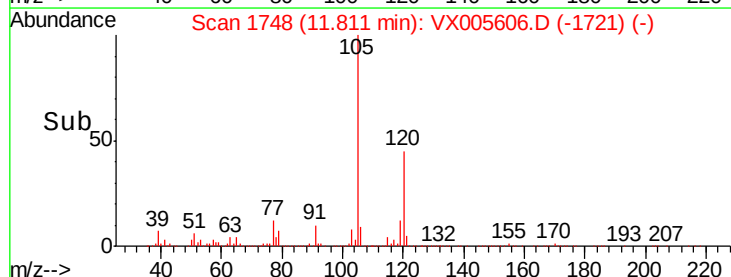
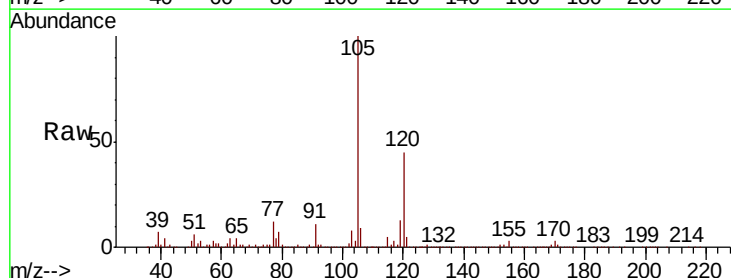
Acq: 26 Oct 2018 15:49

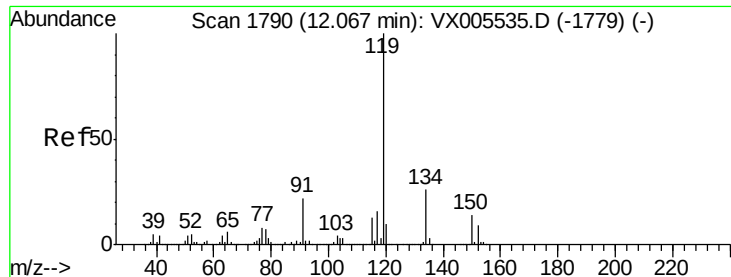
Tgt Ion:105 Resp: 159977

Ion Ratio Lower Upper

105 100

134 0.1 10.2 30.4#

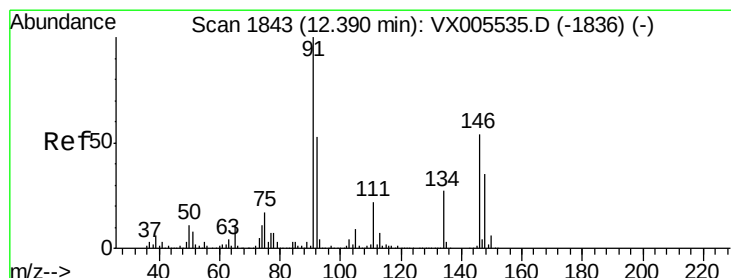
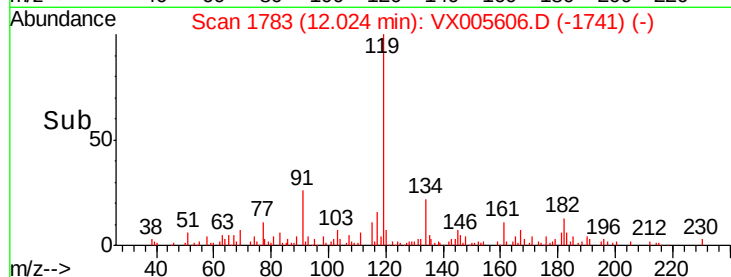
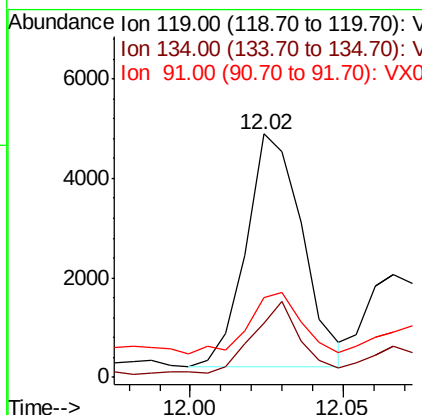
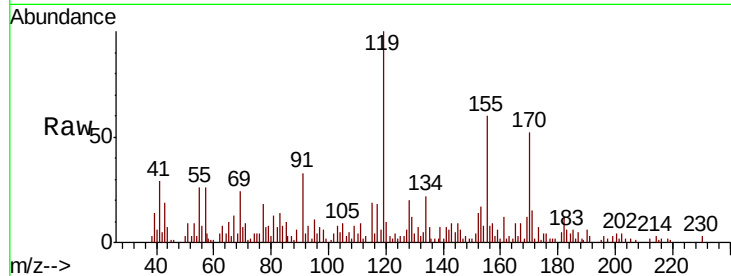




#86
p-Isopropyltoluene
Concen: 0.630 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

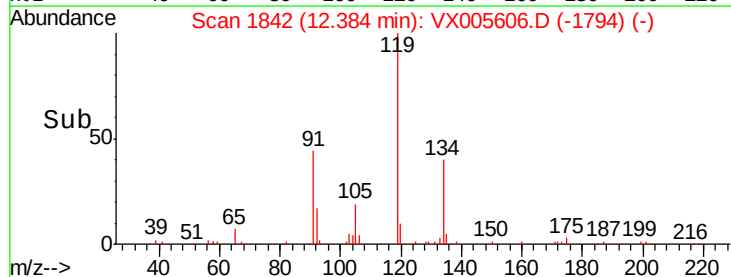
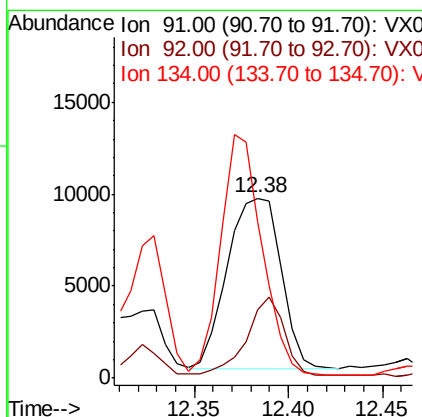
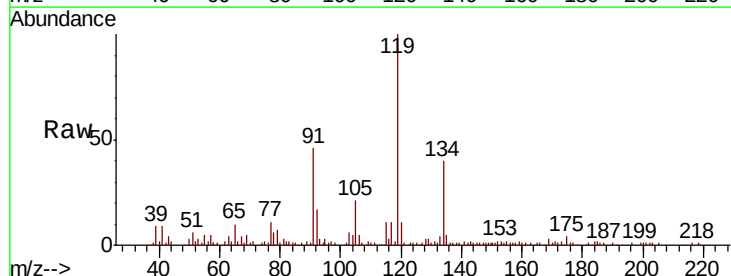
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

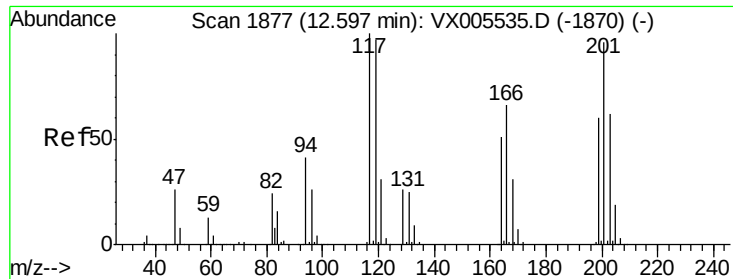
Tot Ion:119 Resp: 5962
Ion Ratio Lower Upper
119 100
134 28.1 13.0 39.0
91 26.5 11.4 34.2



#89
n-Butylbenzene
Concen: 2.136 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Tgt Ion: 91 Resp: 18261
Ion Ratio Lower Upper
91 100
92 32.5 26.1 78.2
134 109.7 13.1 39.3#





#90

Hexachloroethane

Concen: 1.392 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

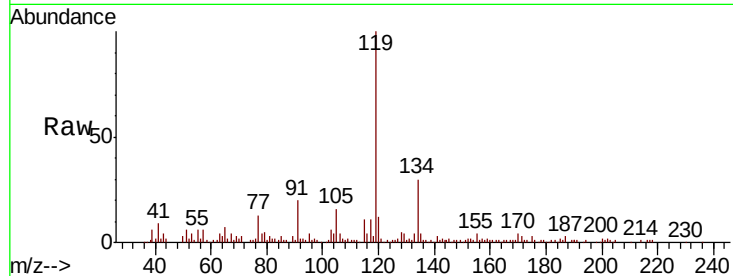
AOC2-01BME

Tot Ion:117 Resp: 2273

Ion Ratio Lower Upper

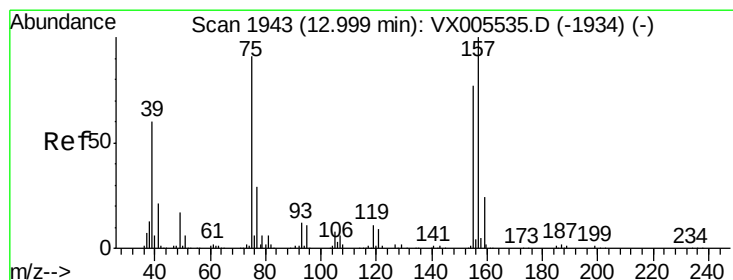
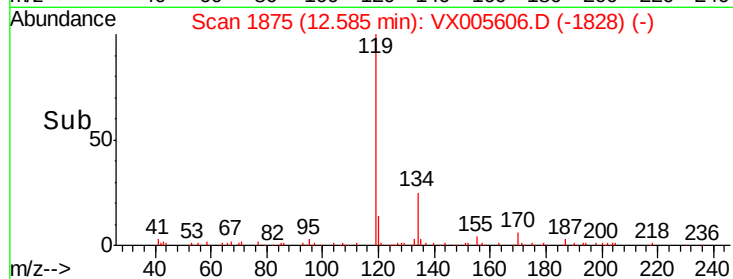
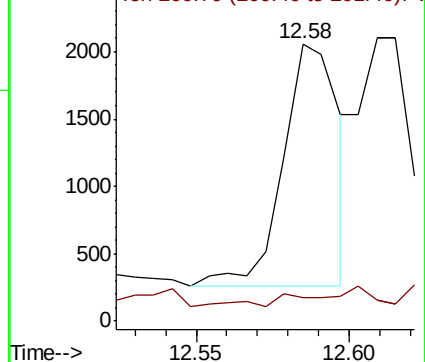
117 100

201 8.1 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.444 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005606.D

Acq: 26 Oct 2018 15:49

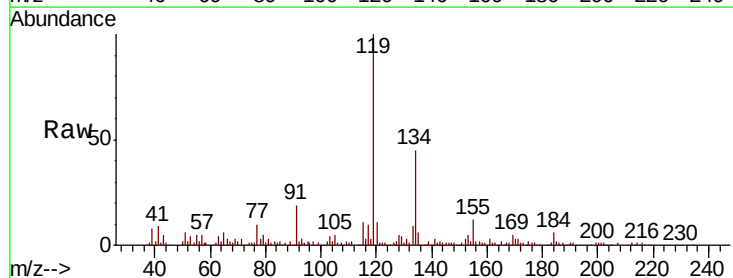
Tgt Ion: 75 Resp: 412

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

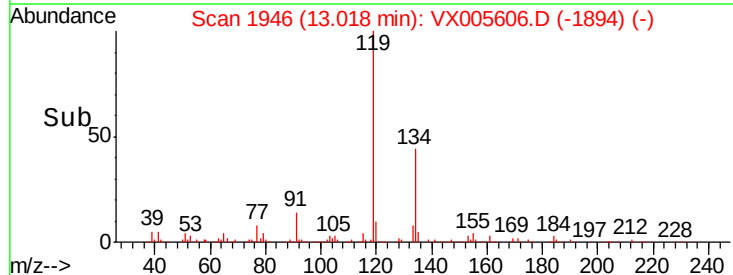
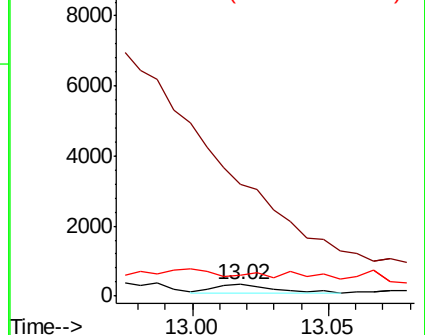
157 133.7 57.4 172.0

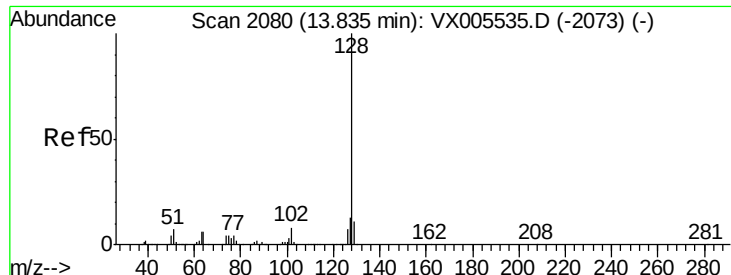


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

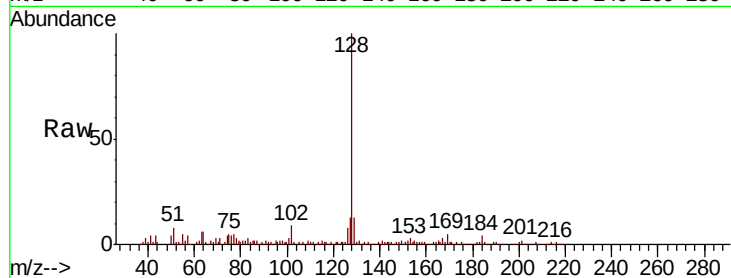




#95
Naphthalene
Concen: 3.004 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	13.2	8.7	13.1



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

