

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007060.D
 Acq On : 26 Nov 2018 20:39
 Operator : VAY/AP
 Sample : J6003-19
 Misc : 6.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC2-04

Quant Time: Nov 27 07:14:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	178729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86505	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	55805	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
35) Dibromofluoromethane	7.89	113	46939	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	10.33	98	204267	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.62	95	81728	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

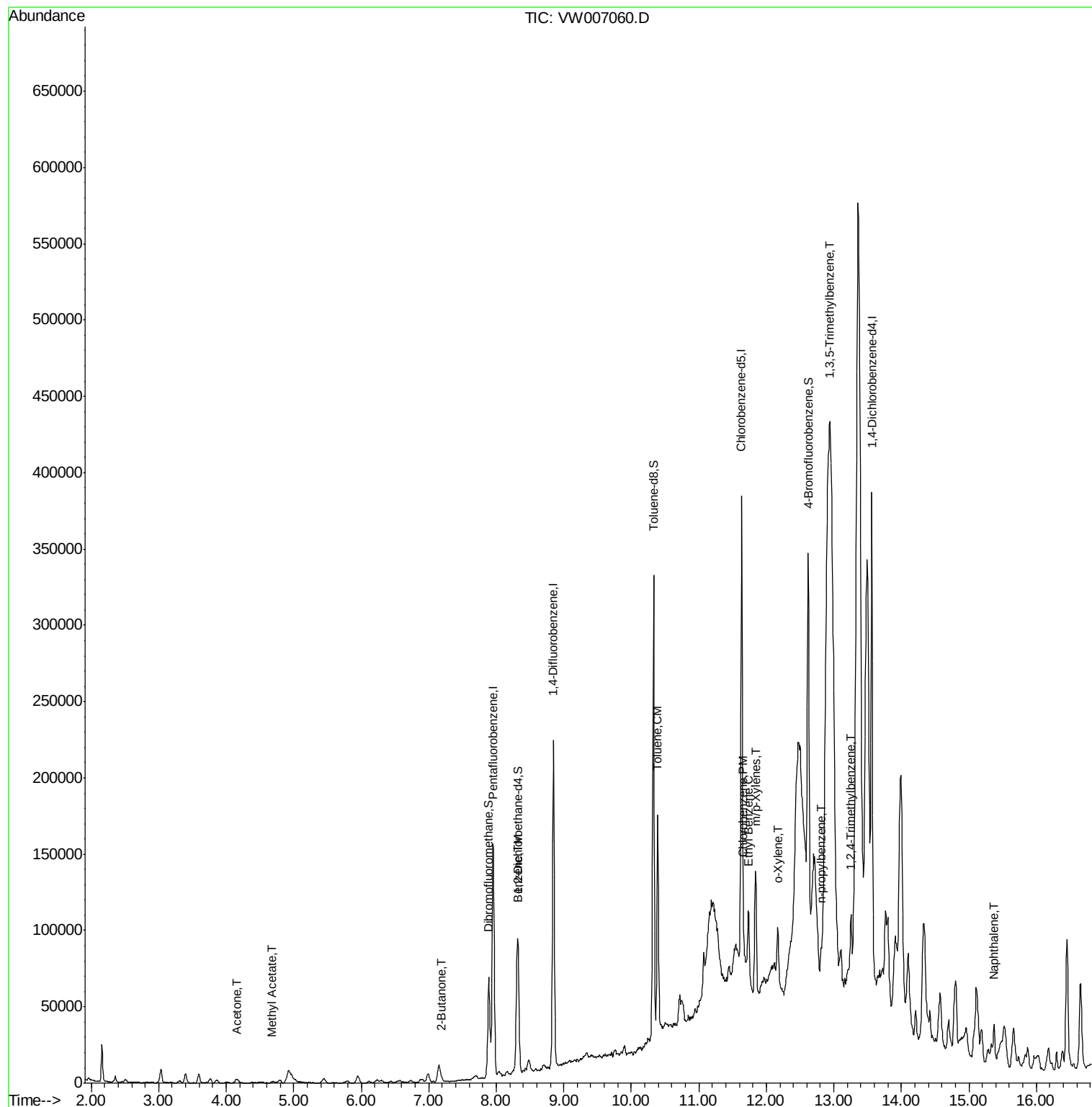
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	5163	32.42	ug/l	89
18) Methyl Acetate	4.68	43	2023	3.57	ug/l #	68
25) 2-Butanone	7.19	43	3237	11.87	ug/l #	87
40) Benzene	8.33	78	41340	8.77	ug/l	100
52) Toluene	10.39	92	60906	18.98	ug/l	98
65) Chlorobenzene	11.66	112	4699	1.31	ug/l	97
67) Ethyl Benzene	11.74	91	30255	4.60	ug/l	99
68) m/p-Xylenes	11.84	106	26969	10.44	ug/l	95
69) o-Xylene	12.17	106	8951	3.68	ug/l	97
78) n-propylbenzene	12.81	91	14564	1.79	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	7741	1.33	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	22718	3.92	ug/l	94
95) Naphthalene	15.37	128	19466	6.30	ug/l #	92

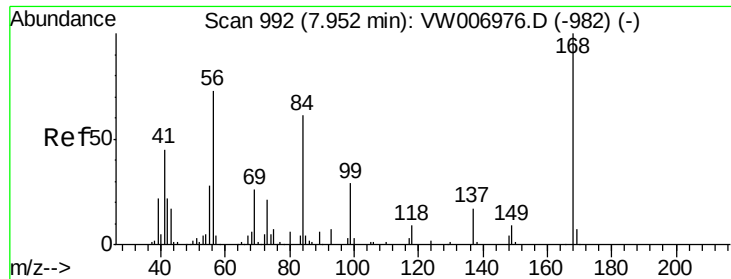
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007060.D

Acq: 26 Nov 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

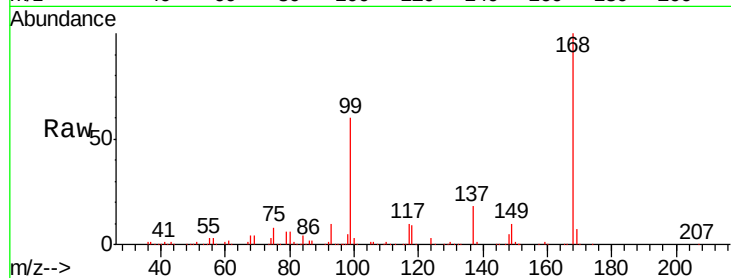
AOC2-04

Tgt Ion:168 Resp: 112052

Ion Ratio Lower Upper

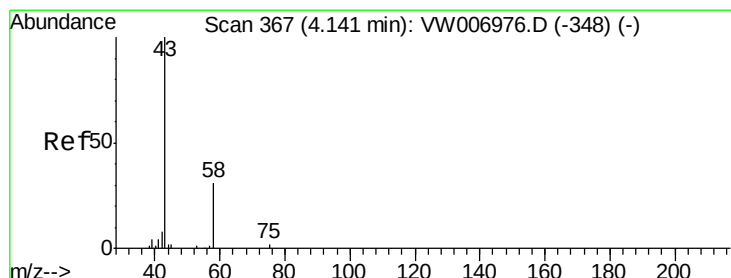
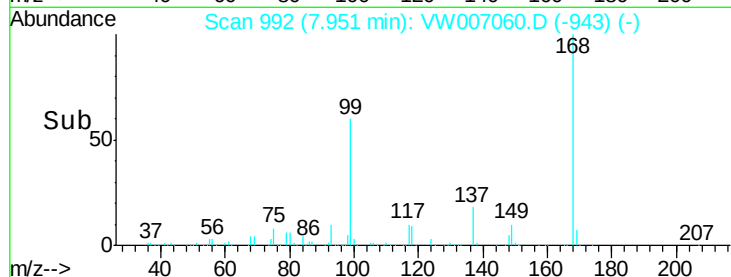
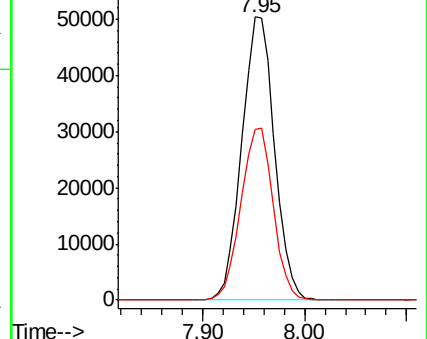
168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 32.42 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW007060.D

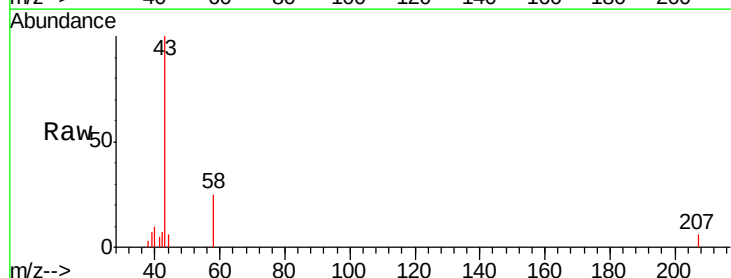
Acq: 26 Nov 2018 20:39

Tgt Ion: 43 Resp: 5163

Ion Ratio Lower Upper

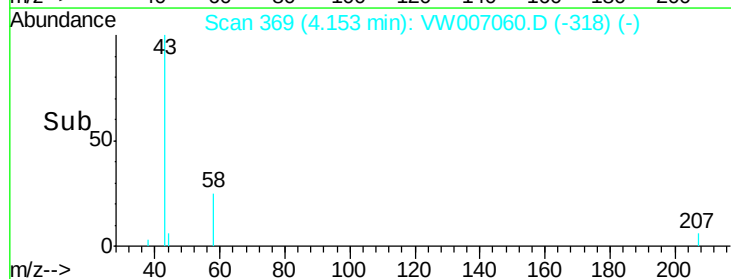
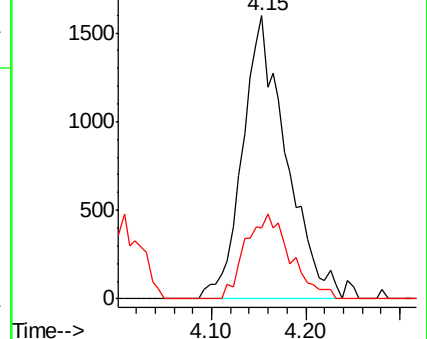
43 100

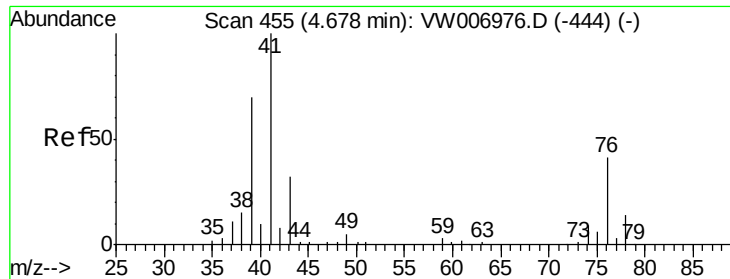
58 25.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

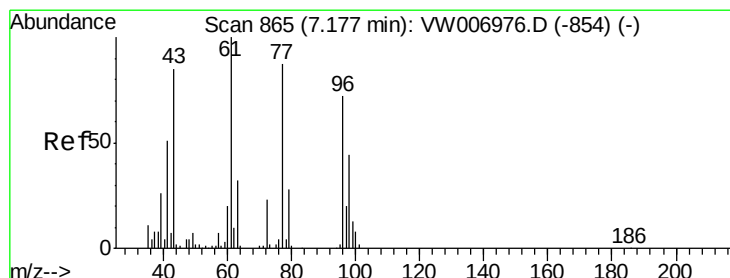
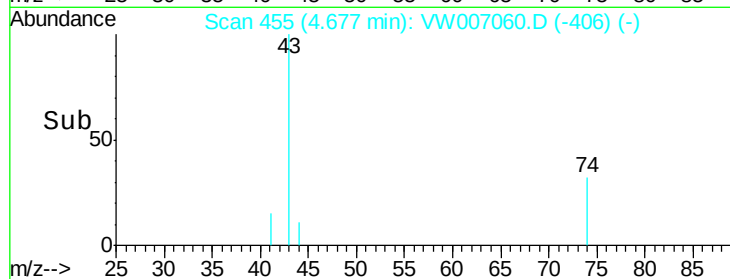
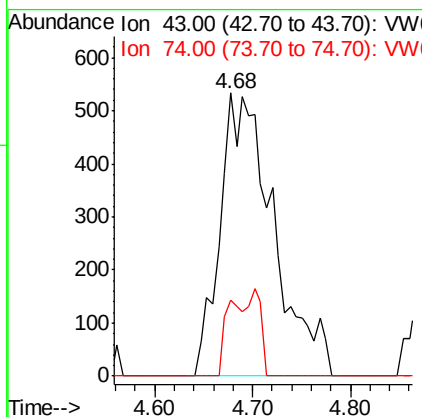
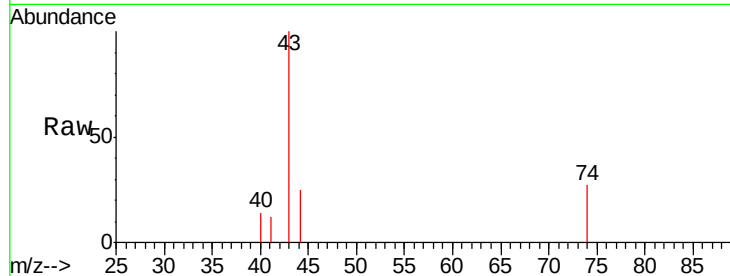




#18
Methyl Acetate
Concen: 3.57 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

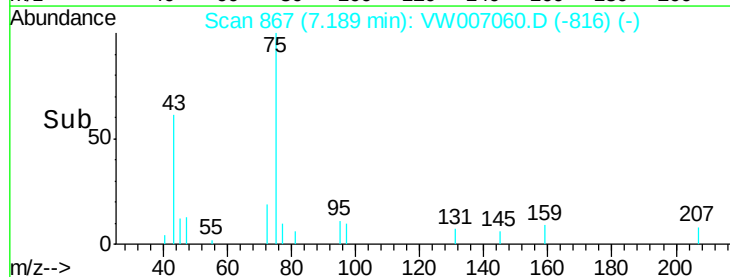
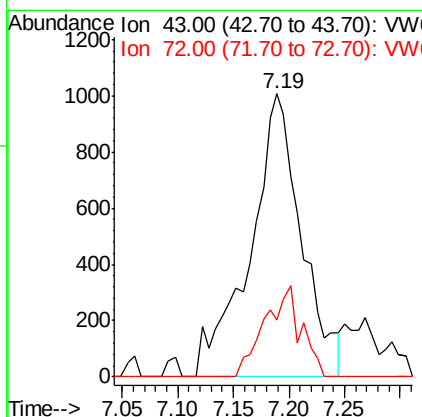
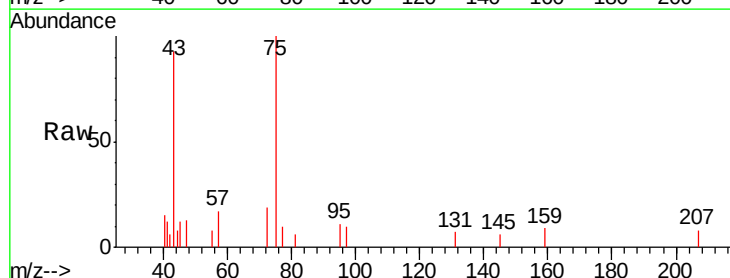
Instrument :
MSVOA_W
ClientSampleId :
AOC2-04

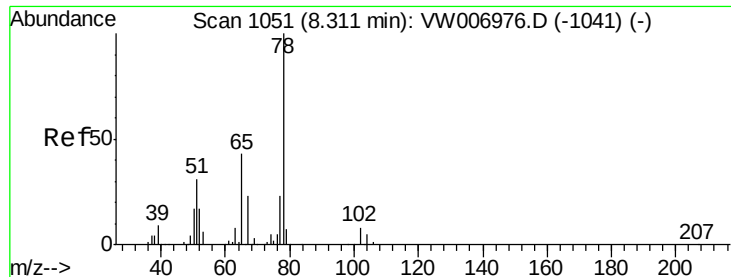
Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
74 9.2 20.1 30.1#



#25
2-Butanone
Concen: 11.87 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Tgt Ion: 43 Resp: 3237
Ion Ratio Lower Upper
43 100
72 20.2 21.3 31.9#

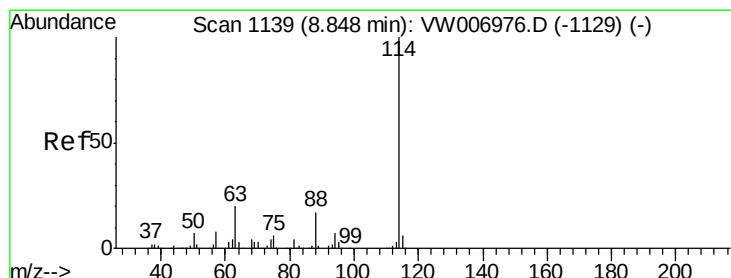
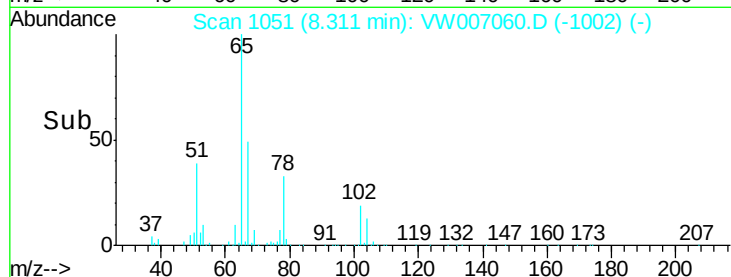
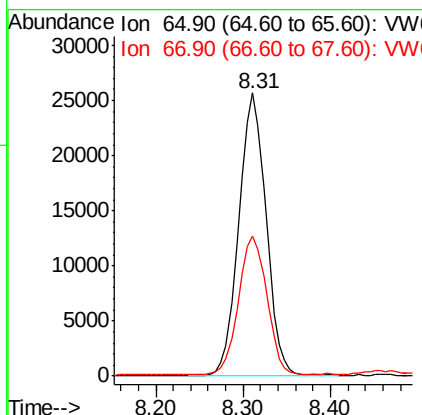
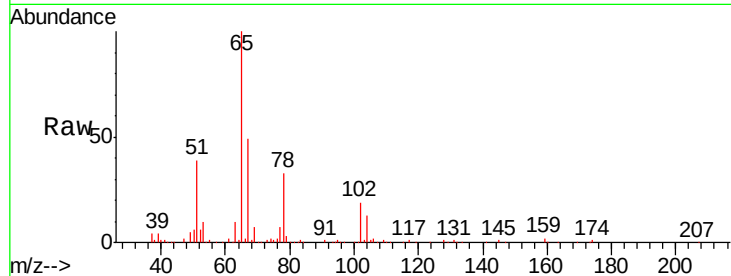




#33
 1,2-Dichloroethane-d4
 Concen: 50.87 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007060.D
 Acq: 26 Nov 2018 20:39

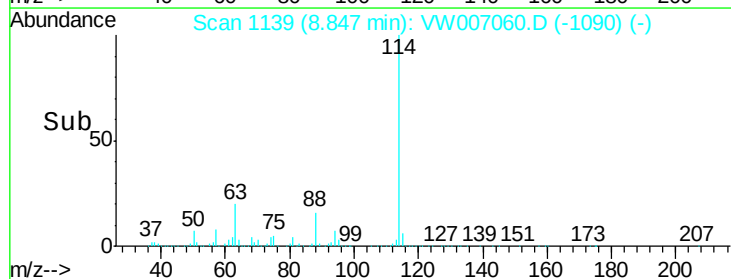
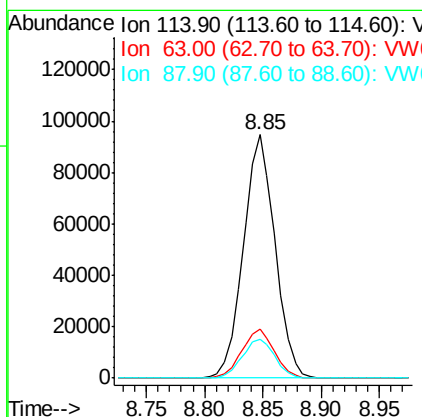
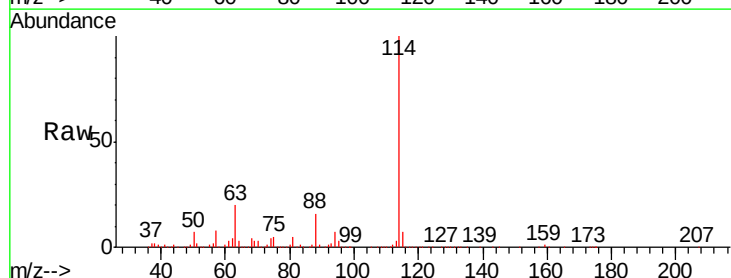
Instrument :
 MSVOA_W
 ClientSampled :
 AOC2-04

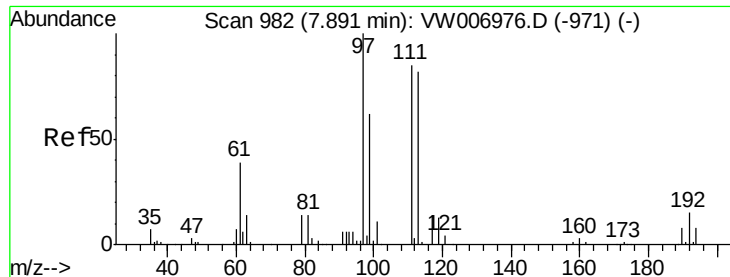
Tgt Ion: 65 Resp: 55805
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007060.D
 Acq: 26 Nov 2018 20:39

Tgt Ion: 114 Resp: 178729
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.7 0.0 34.2

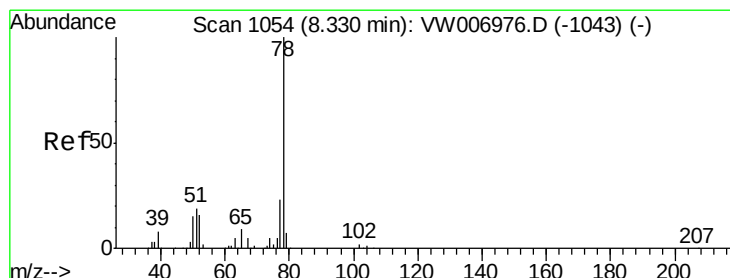
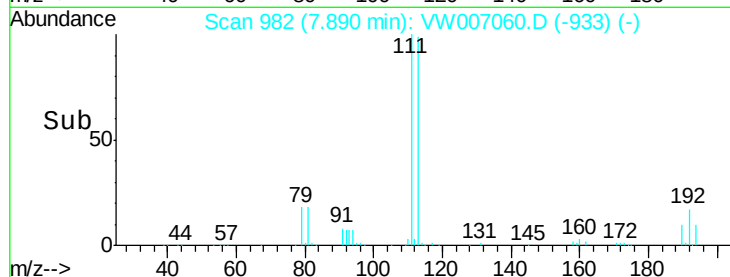
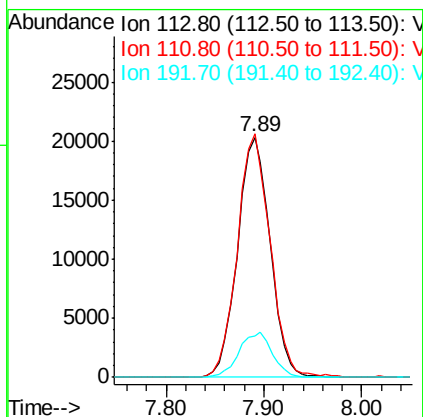
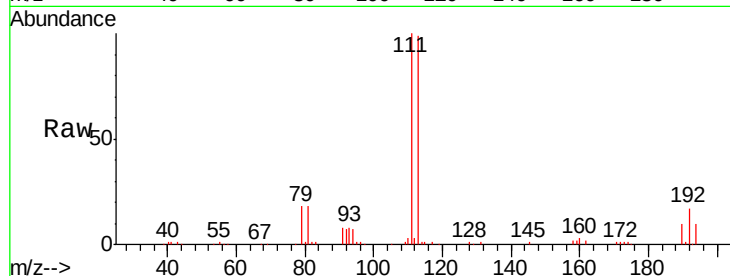




#35
 Dibromofluoromethane
 Concen: 46.51 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007060.D
 Acq: 26 Nov 2018 20:39

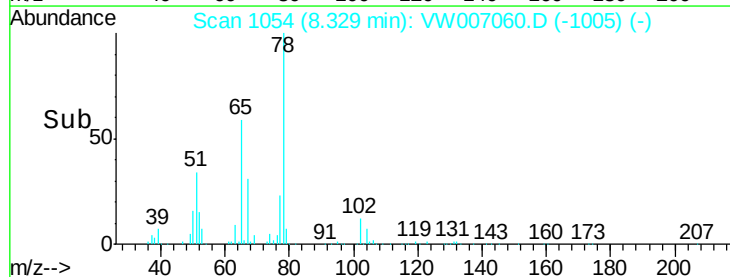
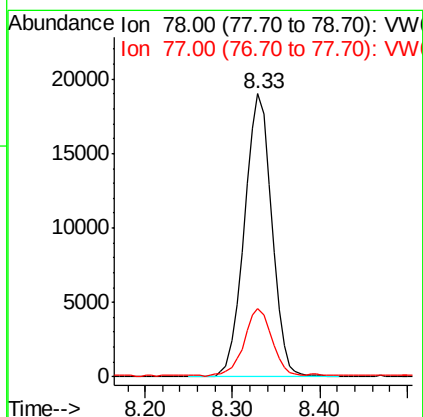
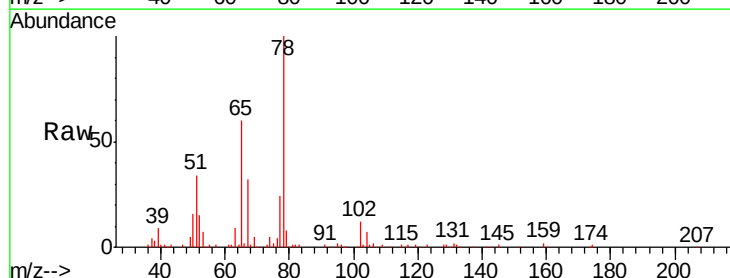
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC2-04

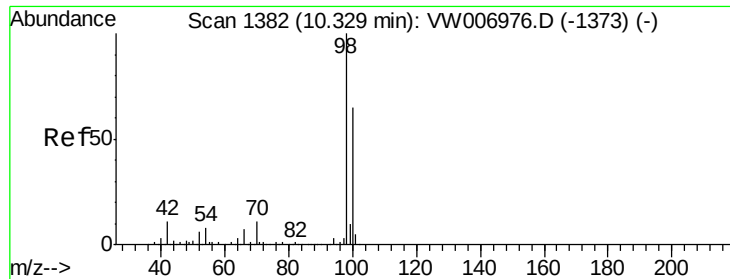
Tgt Ion:113 Resp: 46939
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.6
 192 19.2 15.0 22.6



#40
 Benzene
 Concen: 8.77 ug/l
 RT: 8.33 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VW007060.D
 Acq: 26 Nov 2018 20:39

Tgt Ion: 78 Resp: 41340
 Ion Ratio Lower Upper
 78 100
 77 23.4 18.6 28.0

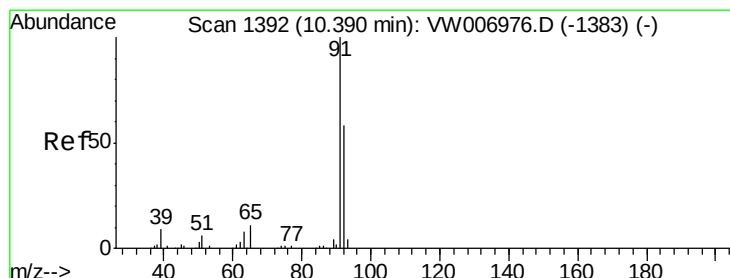
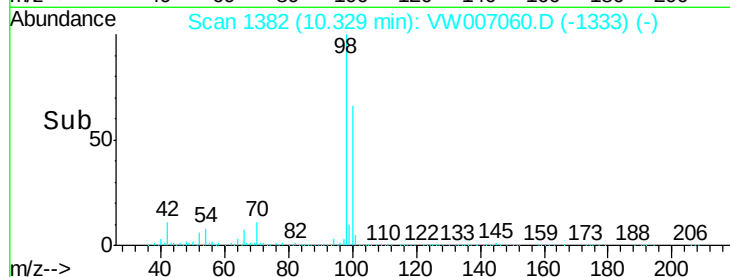
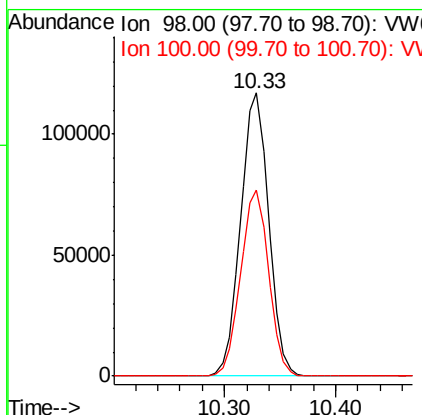
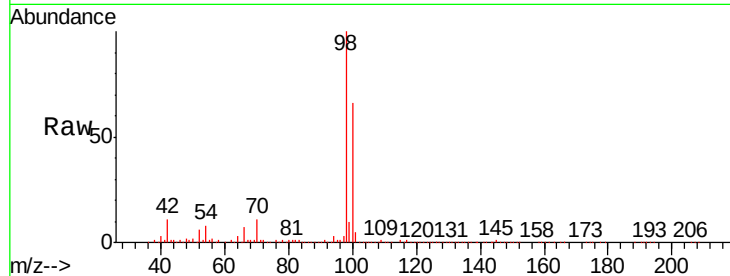




#50
Toluene-d8
Concen: 45.83 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

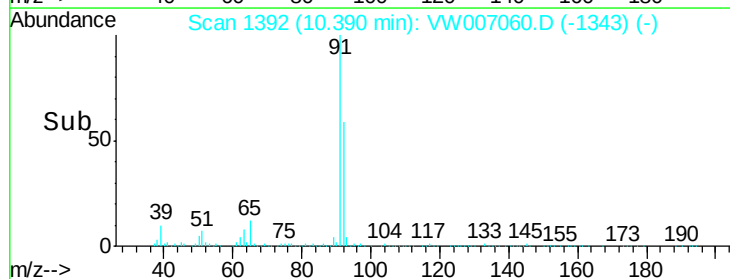
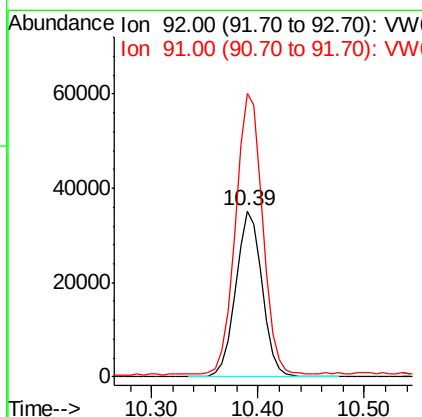
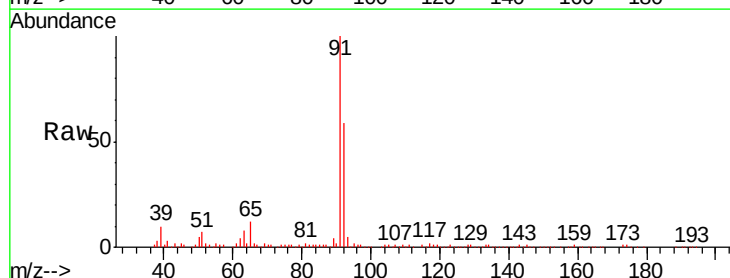
Instrument :
MSVOA_W
ClientSampled :
AOC2-04

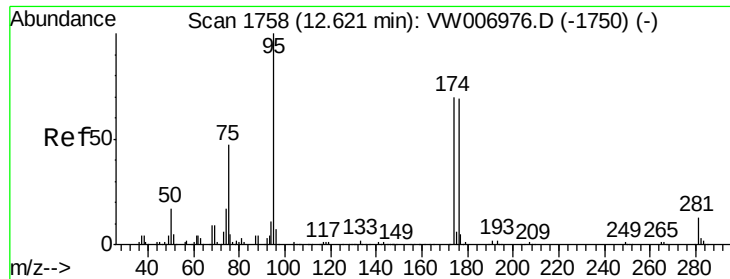
Tgt Ion: 98 Resp: 204267
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



#52
Toluene
Concen: 18.98 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Tgt Ion: 92 Resp: 60906
Ion Ratio Lower Upper
92 100
91 174.6 137.3 205.9

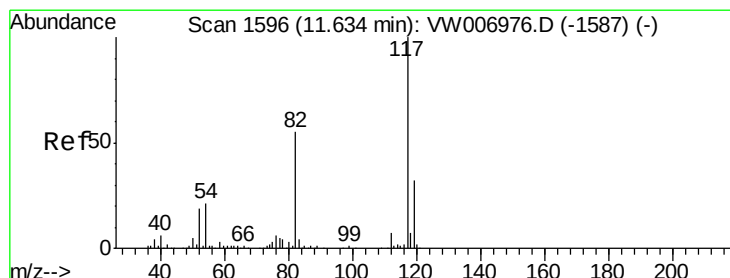
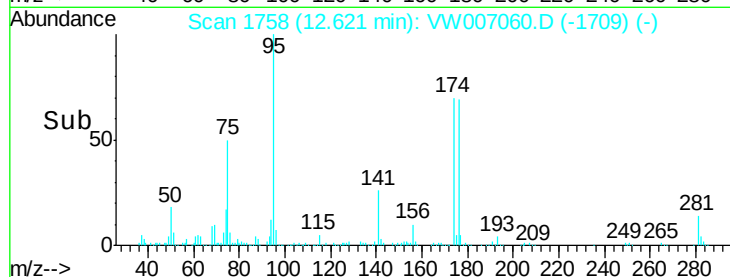
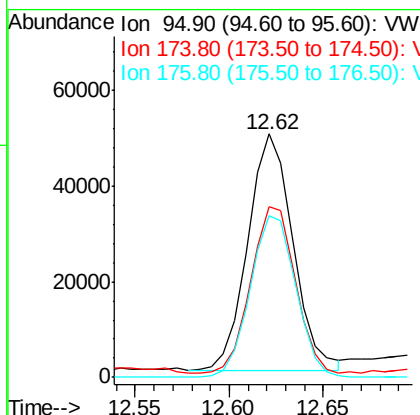
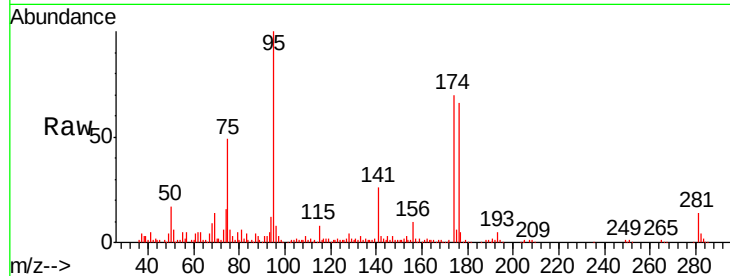




#62
4-Bromofluorobenzene
Concen: 46.60 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

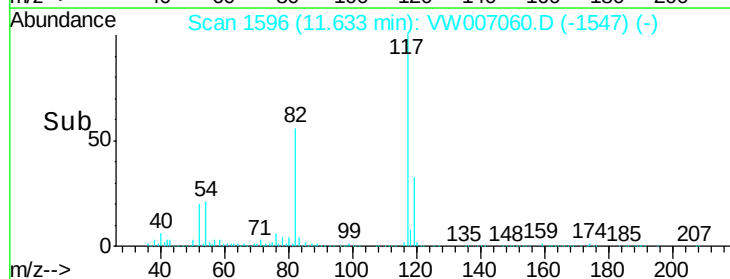
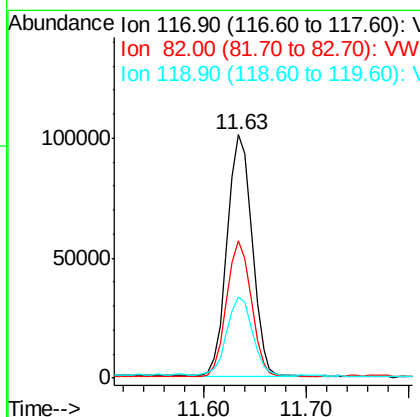
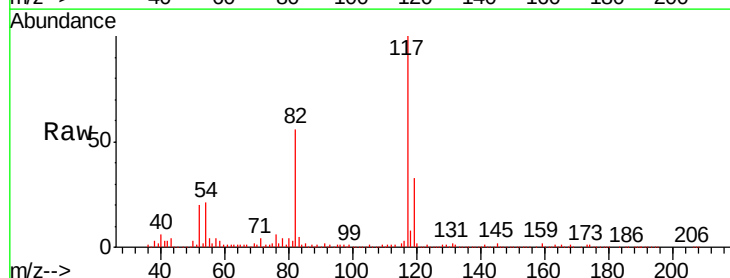
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MSVOA_W
ClientSampleId :
AOC2-04

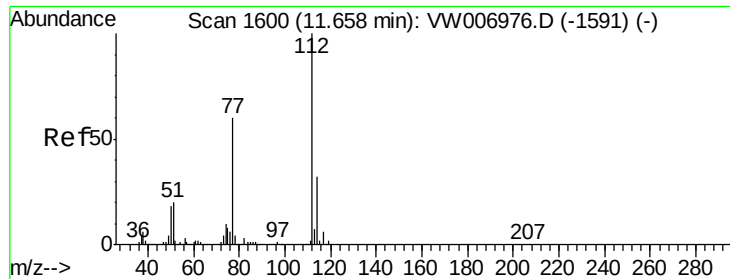
Tgt Ion: 95 Resp: 81728
Ion Ratio Lower Upper
95 100
174 69.9 0.0 143.6
176 69.7 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Tgt Ion: 117 Resp: 171654
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.6 25.9 38.9

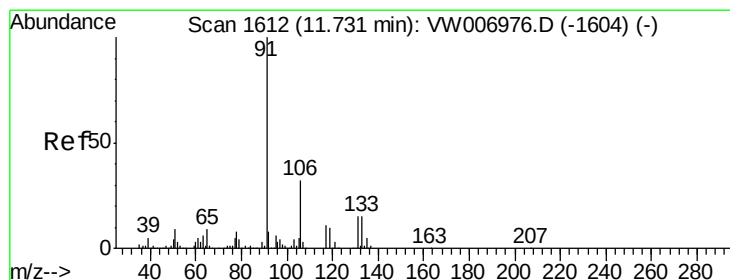
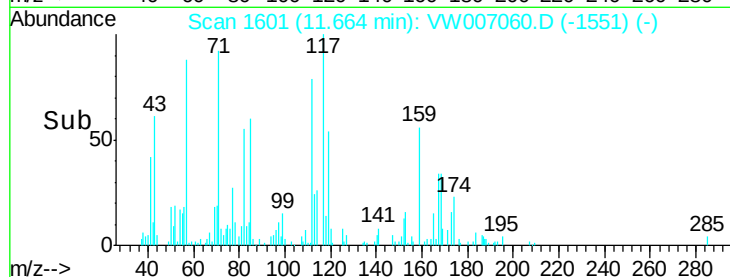
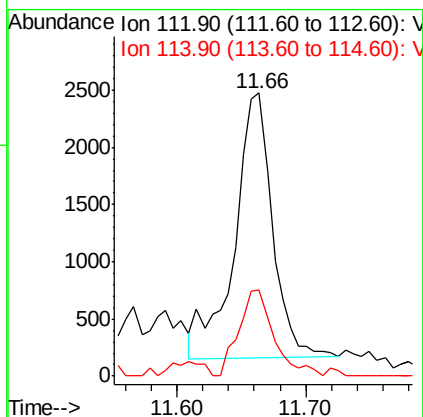
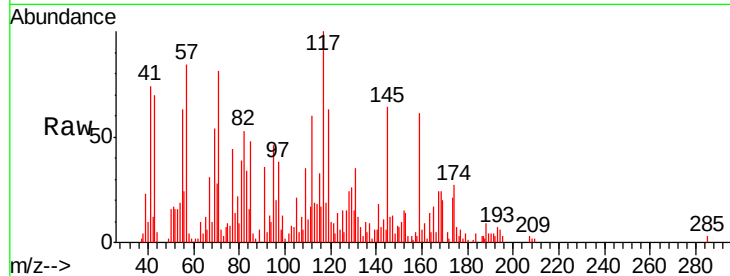




#65
Chlorobenzene
Concen: 1.31 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

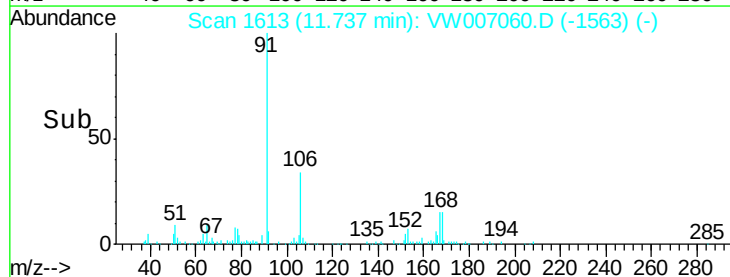
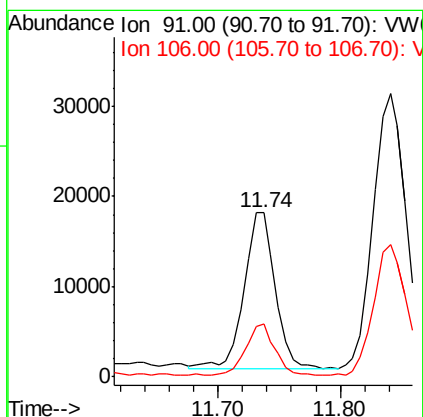
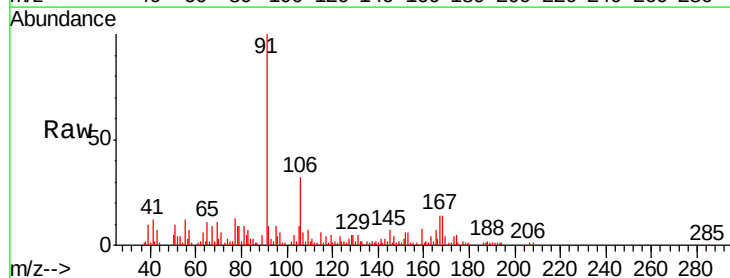
Instrument :
MSVOA_W
ClientSampled :
AOC2-04

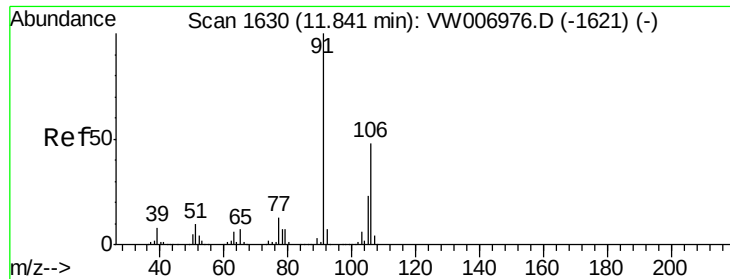
Tgt Ion: 112 Resp: 4699
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8



#67
Ethyl Benzene
Concen: 4.60 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Tgt Ion: 91 Resp: 30255
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2

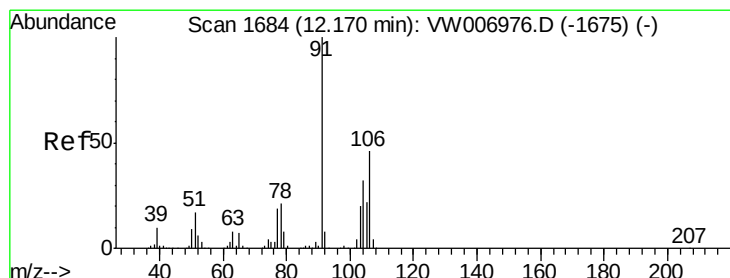
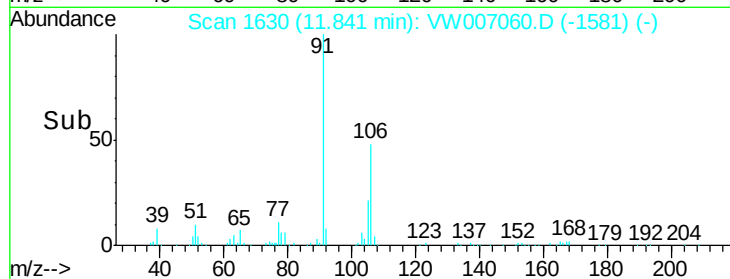
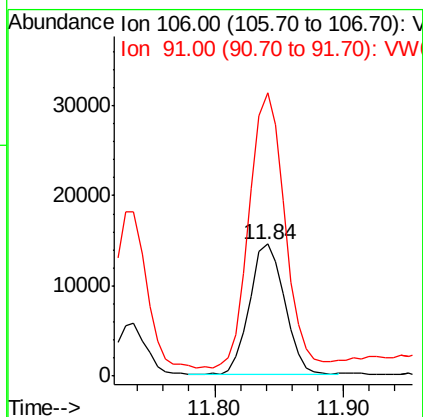
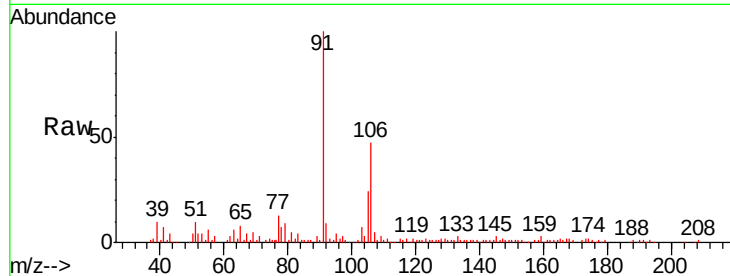




#68
m/p-Xylenes
Concen: 10.44 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

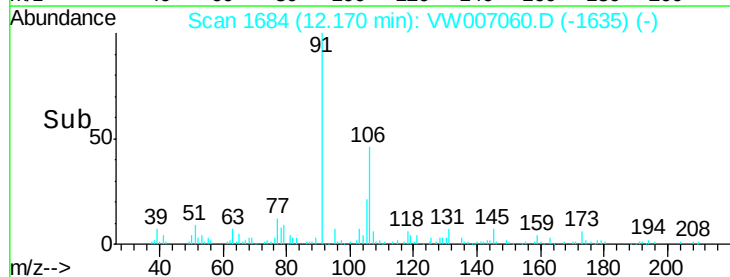
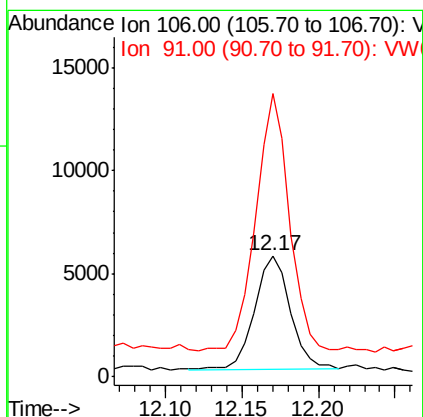
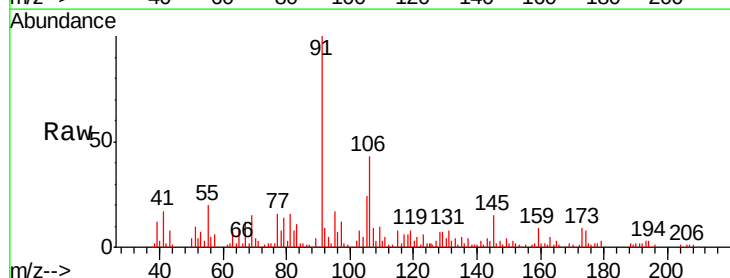
Instrument :
MSVOA_W
ClientSampleId :
AOC2-04

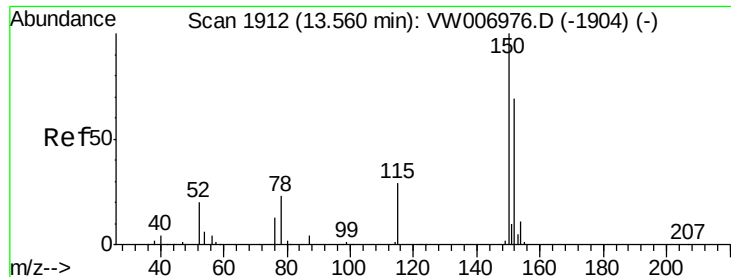
Tgt Ion:106 Resp: 26969
Ion Ratio Lower Upper
106 100
91 214.1 164.8 247.2



#69
o-Xylene
Concen: 3.68 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Tgt Ion:106 Resp: 8951
Ion Ratio Lower Upper
106 100
91 211.2 107.9 323.8



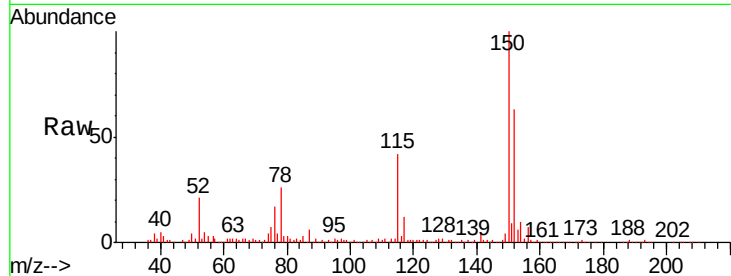


#72

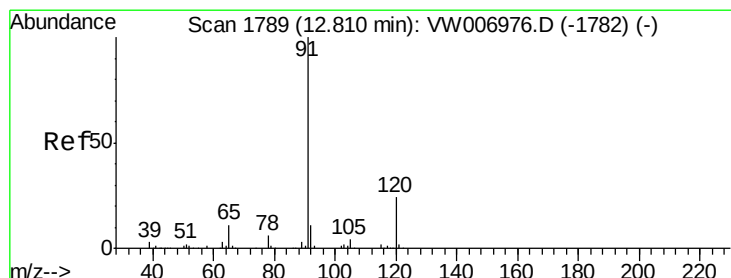
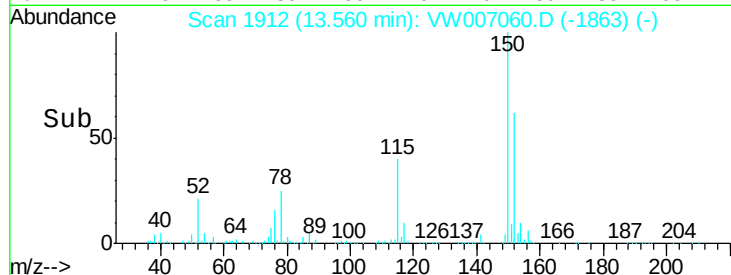
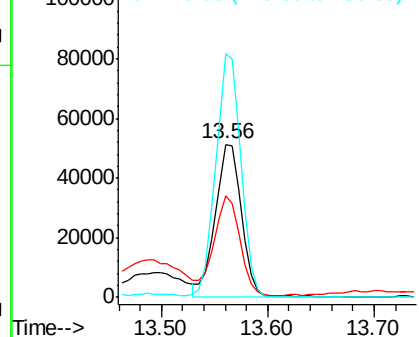
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Instrument :
MSVOA_W
ClientSampled :
AOC2-04

Tgt Ion:152 Resp: 86505
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.2
150 153.3 0.0 353.4



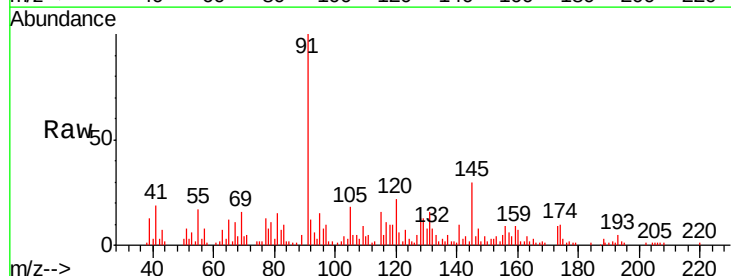
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



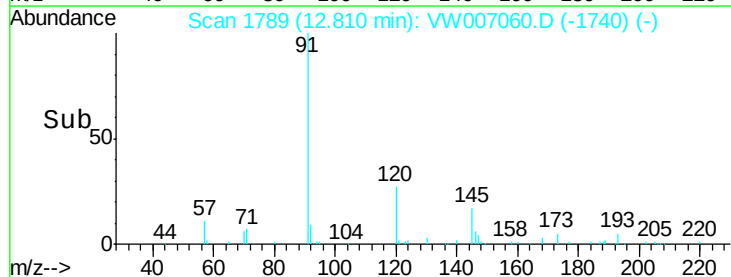
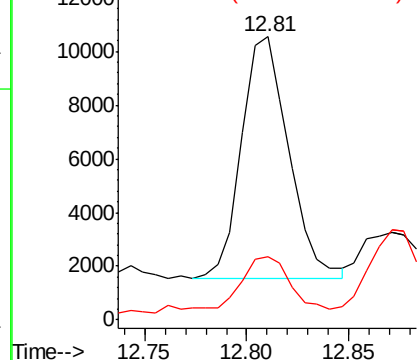
#78

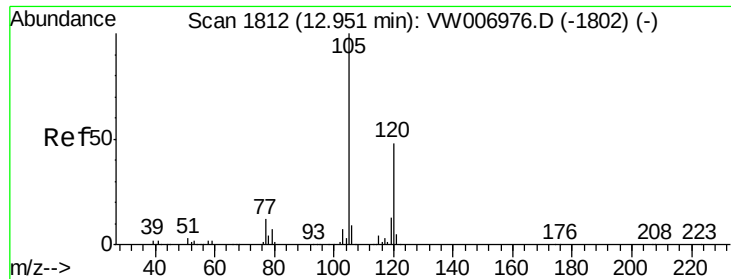
n-propylbenzene
Concen: 1.79 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Tgt Ion: 91 Resp: 14564
Ion Ratio Lower Upper
91 100
120 20.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

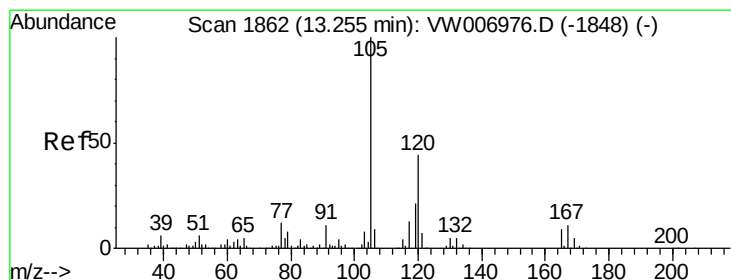
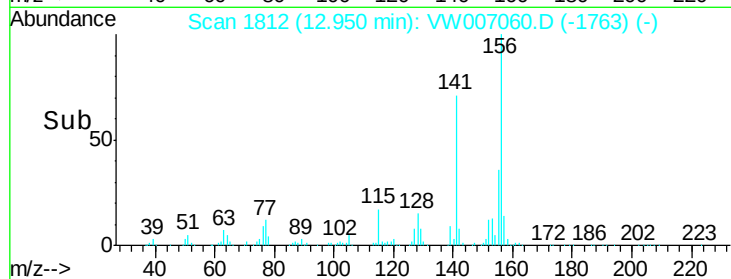
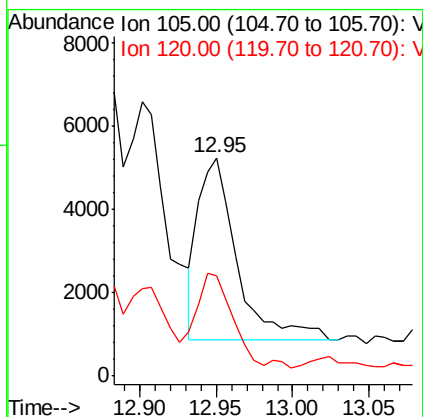
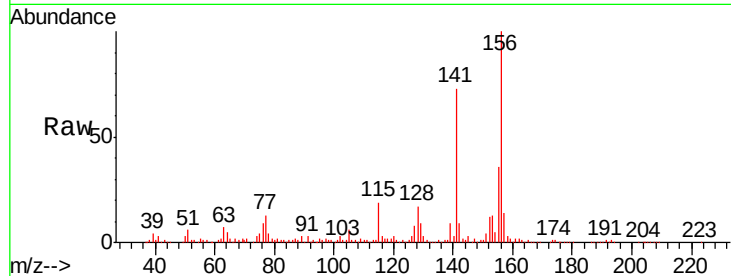




#80
 1,3,5-Trimethylbenzene
 Concen: 1.33 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007060.D
 Acq: 26 Nov 2018 20:39

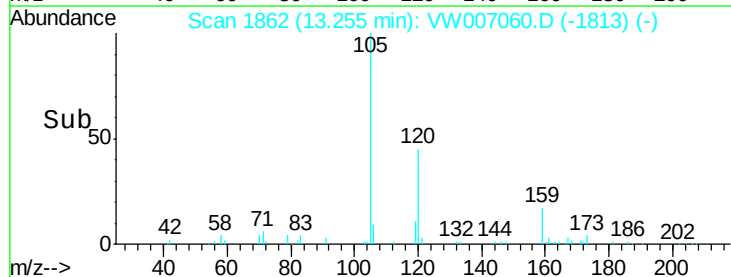
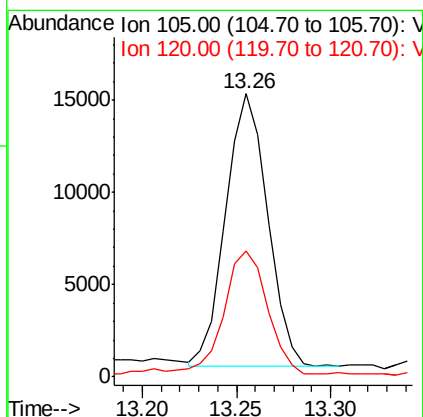
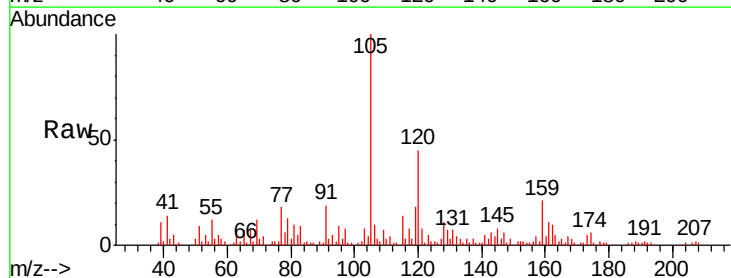
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC2-04

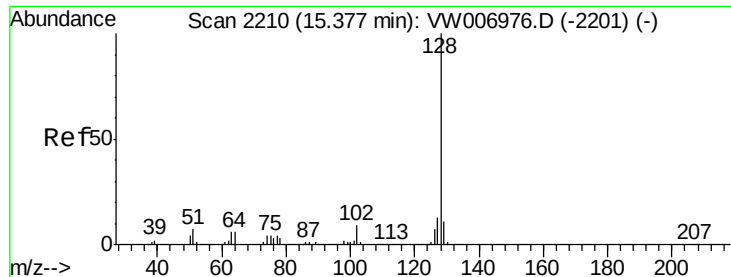
Tgt Ion:105 Resp: 7741
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.92 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007060.D
 Acq: 26 Nov 2018 20:39

Tgt Ion:105 Resp: 22718
 Ion Ratio Lower Upper
 105 100
 120 47.2 21.8 65.3

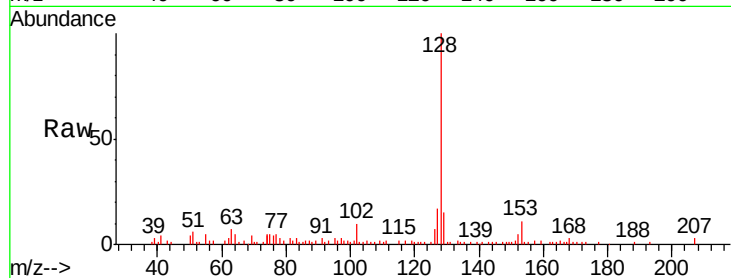




#95
Naphthalene
Concen: 6.30 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007060.D
Acq: 26 Nov 2018 20:39

Instrument :
MSVOA_W
ClientSampleId :
AOC2-04

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.5	10.5	15.7#
129	12.9	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

