

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012467.D
 Acq On : 18 Sep 2019 12:41
 Operator : JC/SP
 Sample : K4850-03ME
 Misc : 5.99g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-7(7)ME

Quant Time: Sep 18 14:19:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

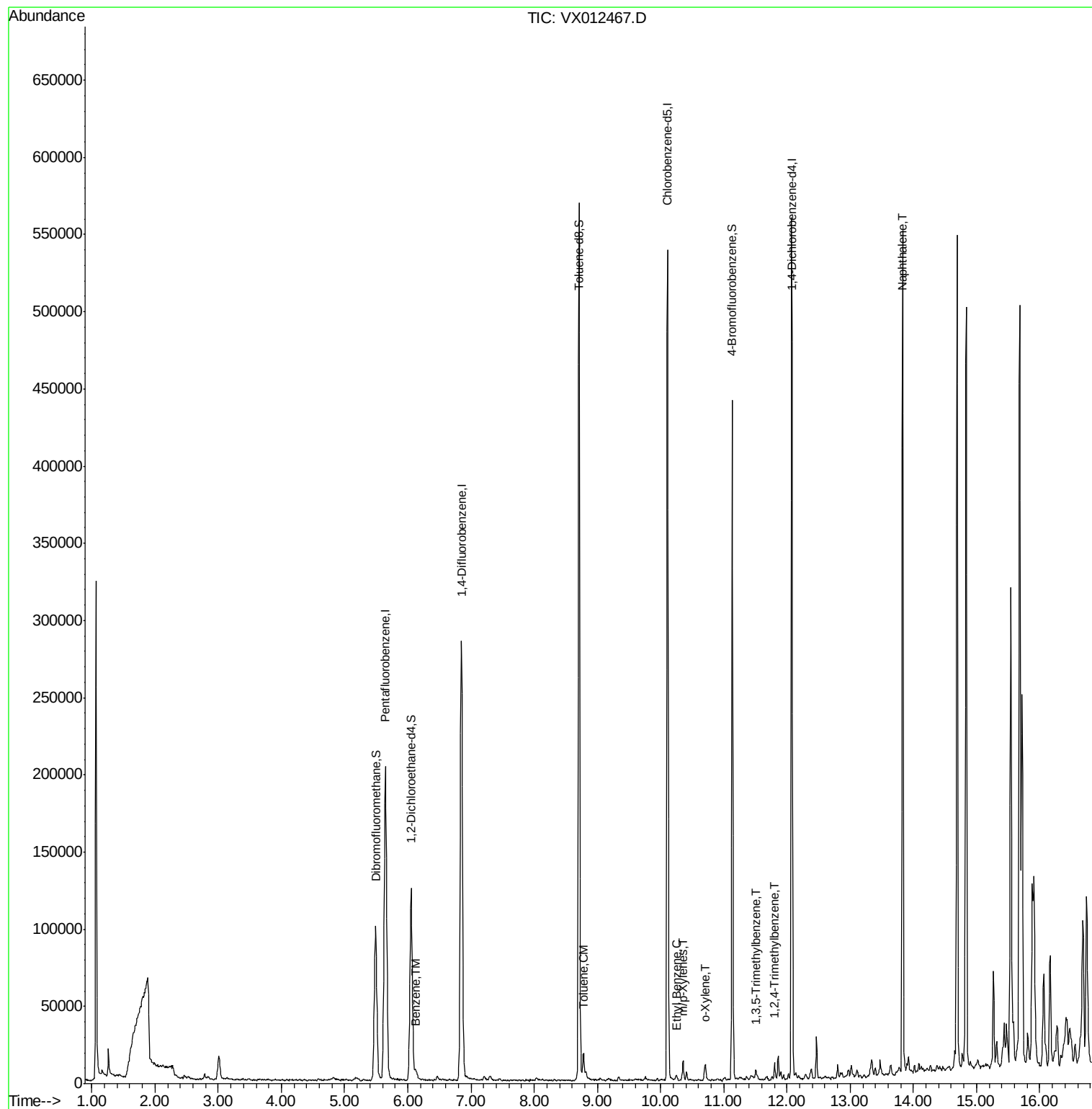
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118795	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
35) Dibromofluoromethane	5.49	113	82676	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.71	98	322447	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.14	95	118798	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
Target Compounds						
40) Benzene	6.14	78	6834	1.252	ug/l	98
52) Toluene	8.78	92	5780	1.643	ug/l	100
67) Ethyl Benzene	10.25	91	1736	0.259	ug/l #	83
68) m/p-Xylenes	10.36	106	3114	1.278	ug/l	95
69) o-Xylene	10.70	106	1377	0.550	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	2135	0.368	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	3860	0.649	ug/l	94
95) Naphthalene	13.83	128	324554	43.450	ug/l	100

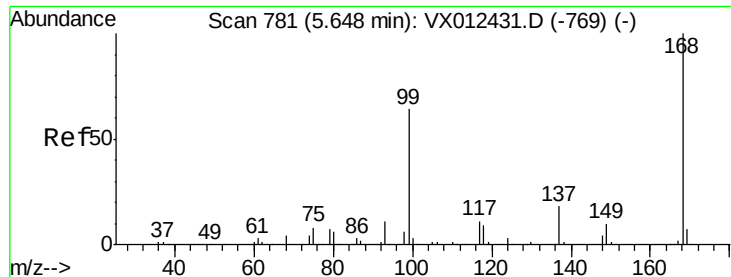
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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AOC-7(7)ME

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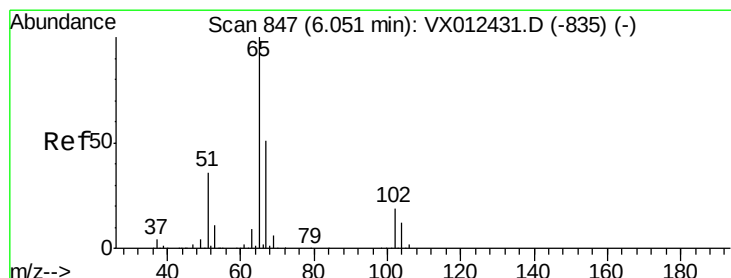
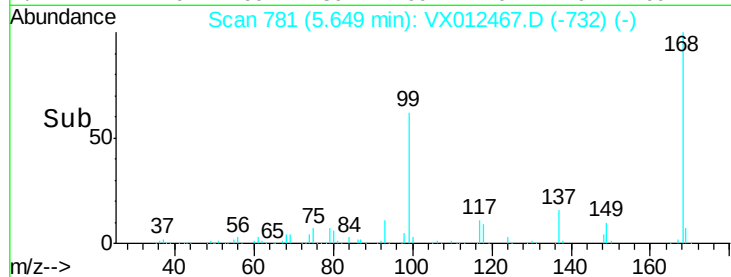
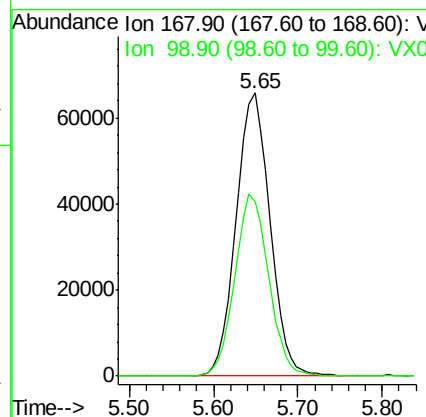
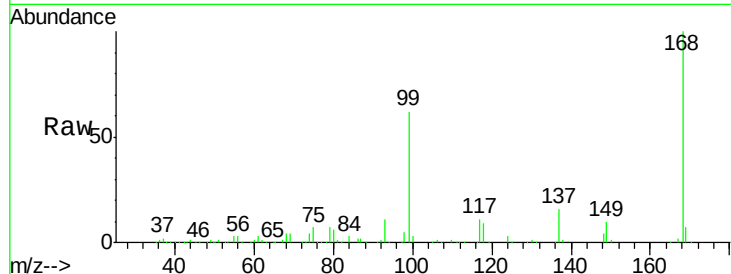




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

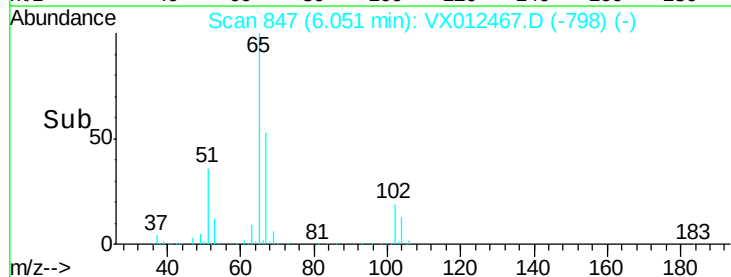
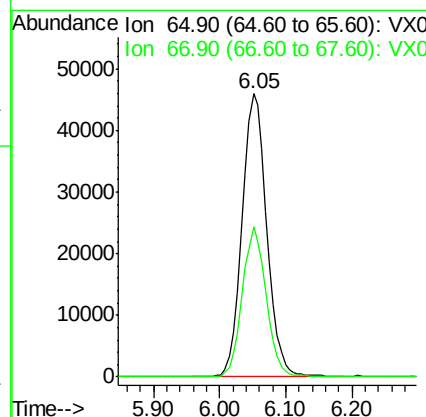
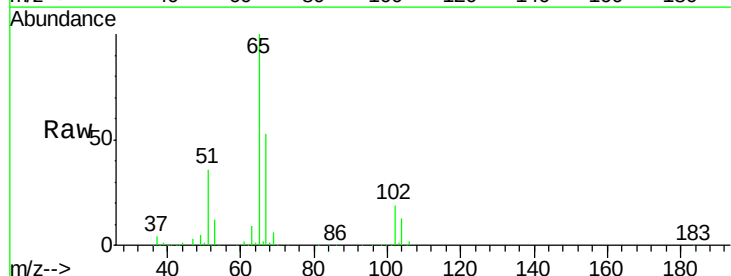
Instrument :
MSVOA_X
ClientSampleId :
AOC-7(7)ME

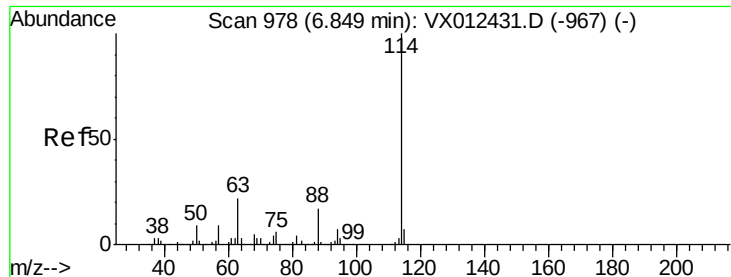
Tot Ion:168 Resp: 179560
Ion Ratio Lower Upper
168 100
99 61.4 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 46.162 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion: 65 Resp: 118795
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.2

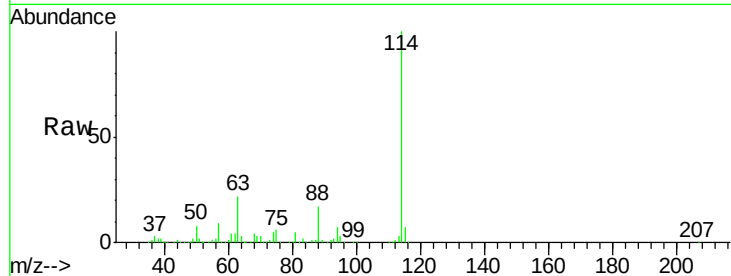




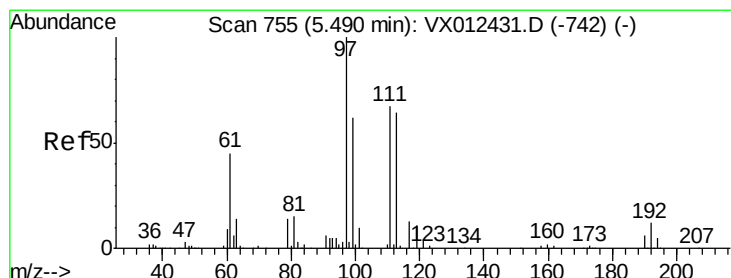
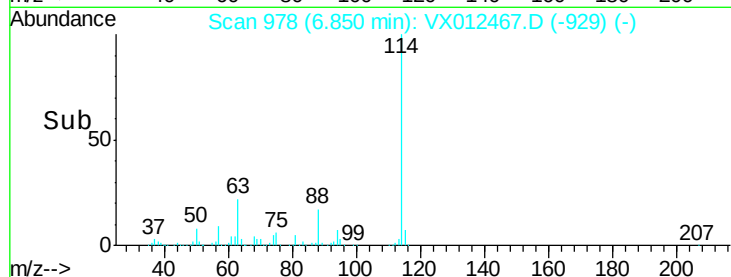
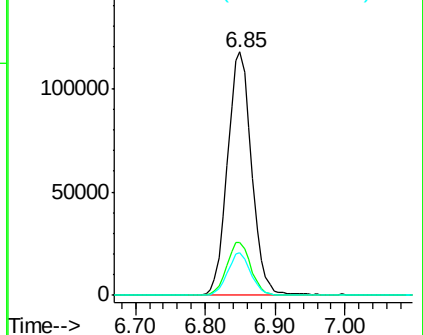
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012467.D
 Acq: 18 Sep 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-7(7)ME

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	17.3	0.0	33.2

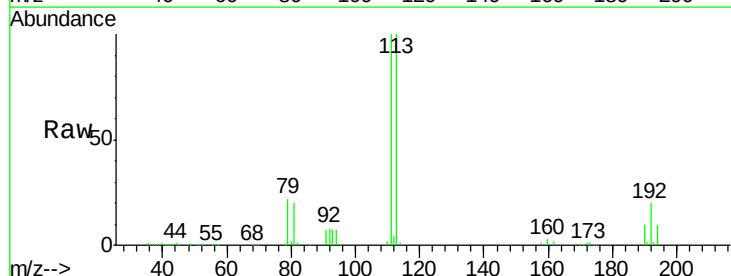


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

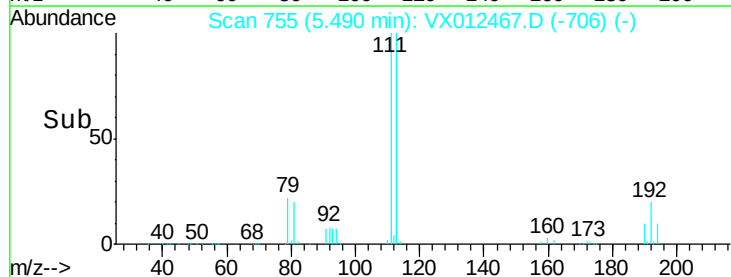
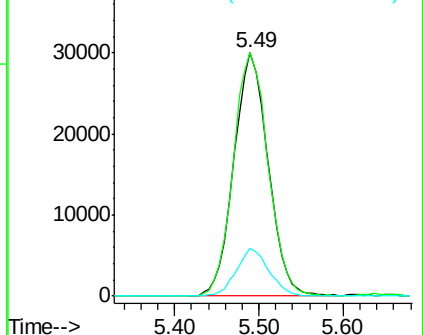


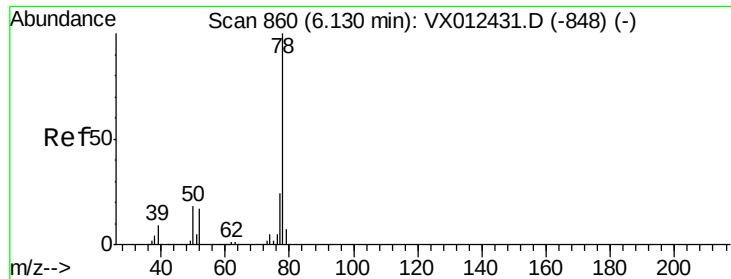
#35
 Dibromofluoromethane
 Concen: 48.365 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012467.D
 Acq: 18 Sep 2019 12:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.2
192	18.6	14.4	21.6



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





#40

Benzene

Concen: 1.252 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

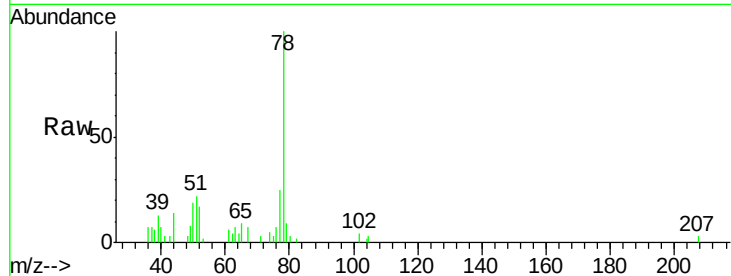
AOC-7(7)ME

Tot Ion: 78 Resp: 6834

Ion Ratio Lower Upper

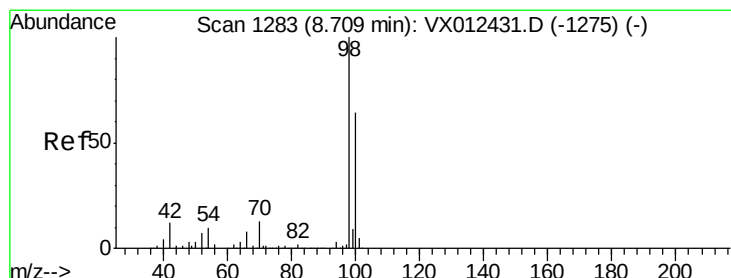
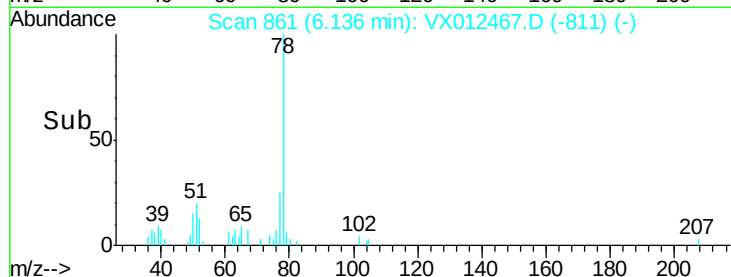
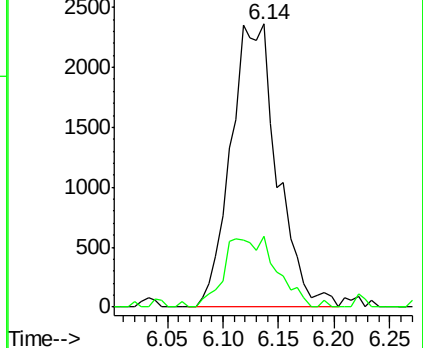
78 100

77 24.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.961 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012467.D

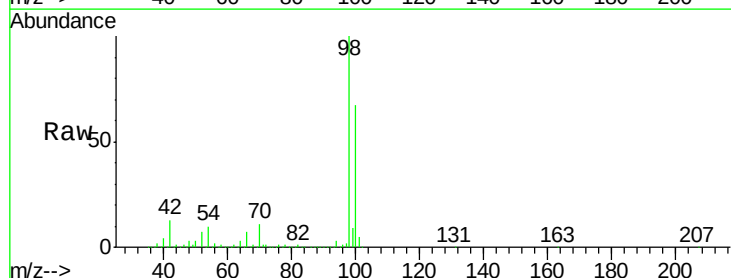
Acq: 18 Sep 2019 12:41

Tgt Ion: 98 Resp: 322447

Ion Ratio Lower Upper

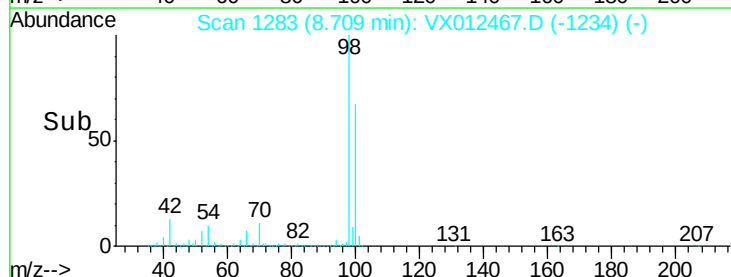
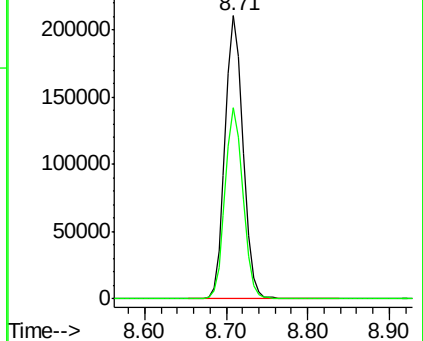
98 100

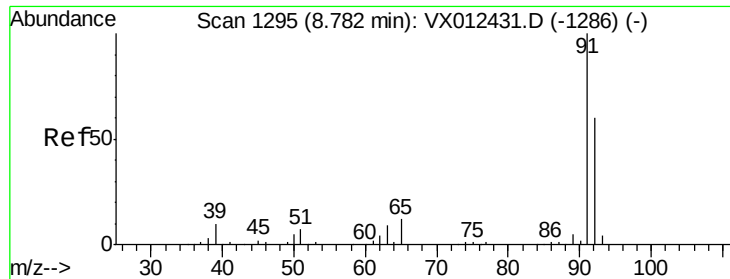
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 1.643 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

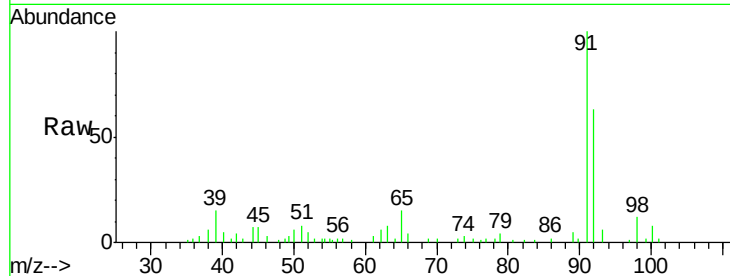
AOC-7(7)ME

Tot Ion: 92 Resp: 5780

Ion Ratio Lower Upper

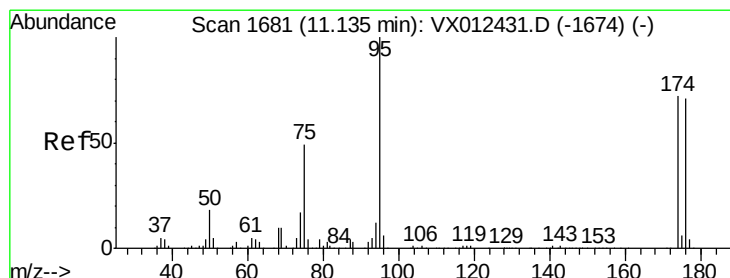
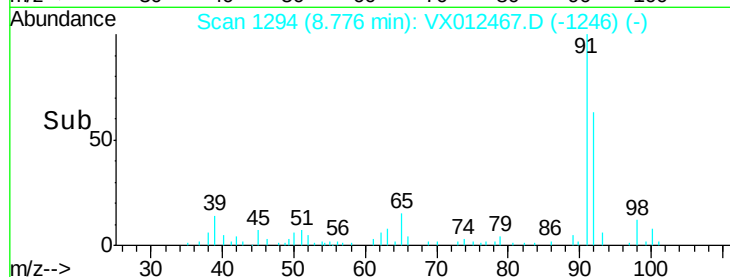
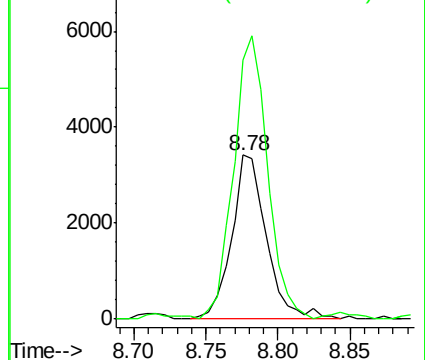
92 100

91 168.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.219 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

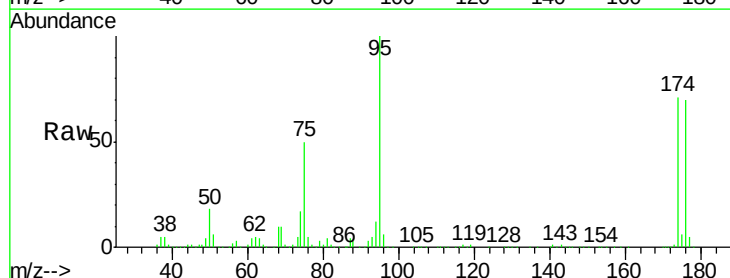
Tgt Ion: 95 Resp: 118798

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.0

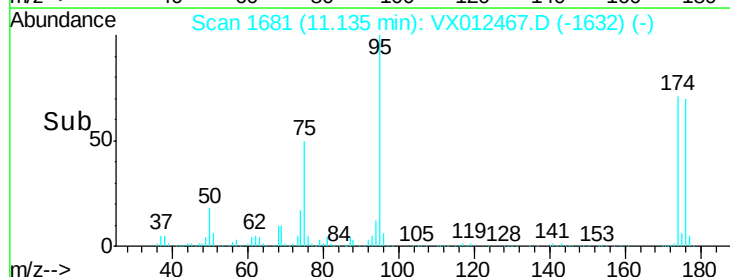
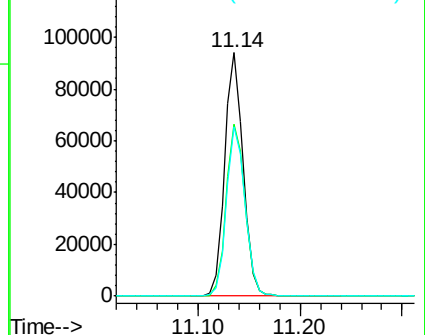
176 69.8 0.0 135.4

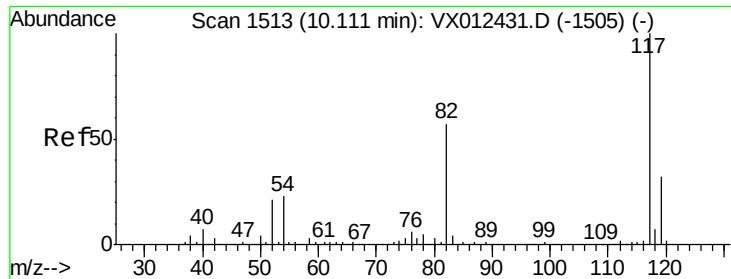


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

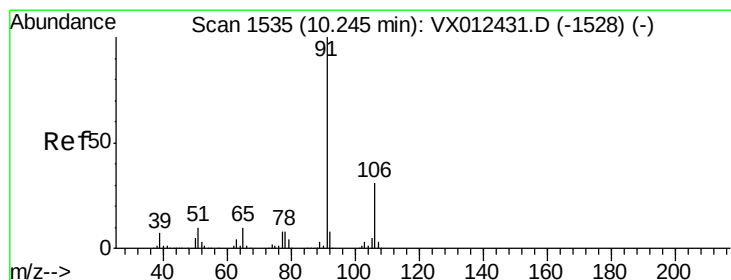
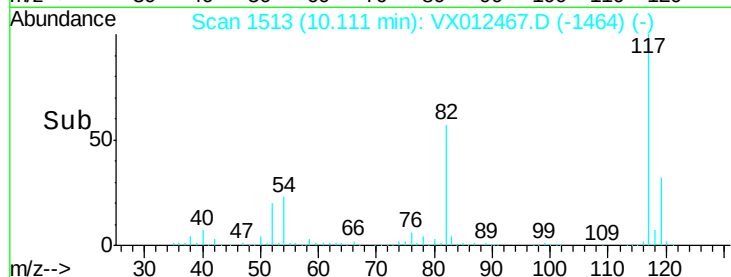
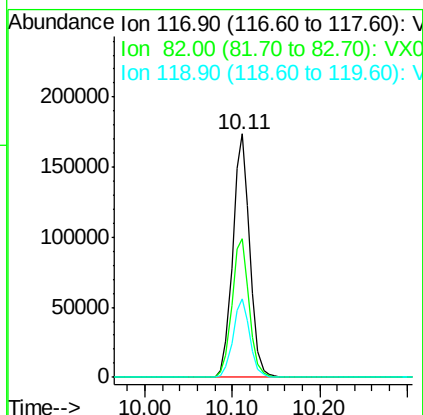
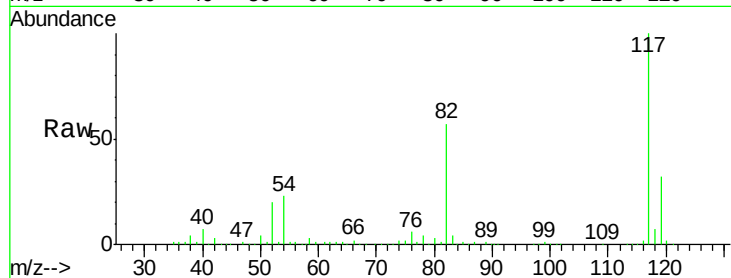




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

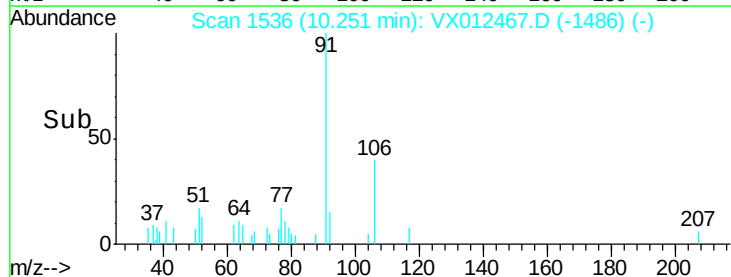
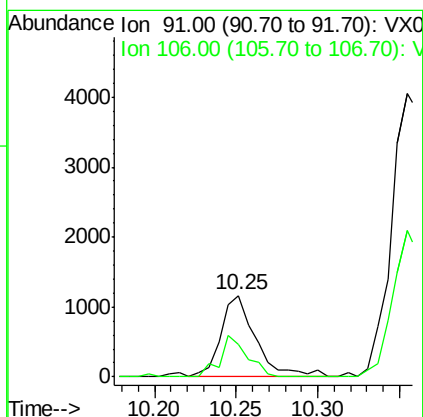
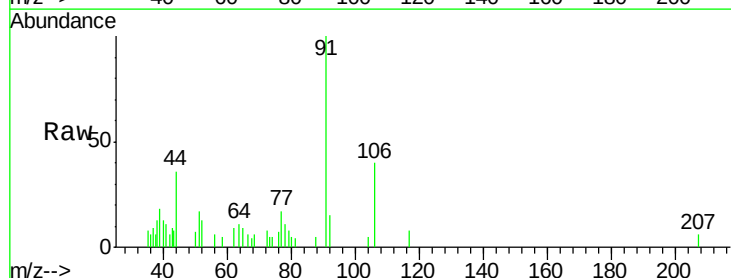
Instrument :
MSVOA_X
ClientSampleId :
AOC-7(7)ME

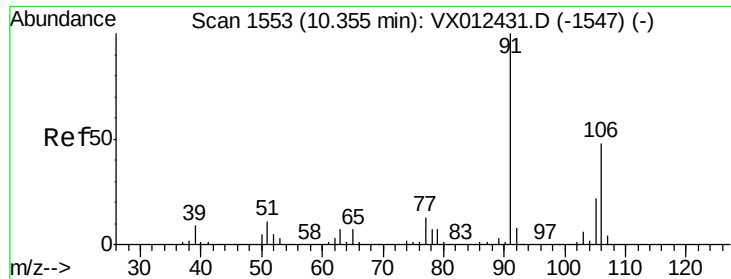
Tot Ion:117 Resp: 236114
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 32.1 25.3 37.9



#67
Ethyl Benzene
Concen: 0.259 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion: 91 Resp: 1736
Ion Ratio Lower Upper
91 100
106 40.3 24.6 37.0#





#68

m/p-Xylenes

Concen: 1.278 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

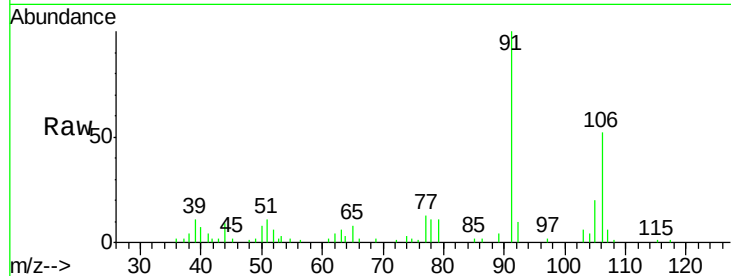
AOC-7(7)ME

Tot Ion:106 Resp: 3114

Ion Ratio Lower Upper

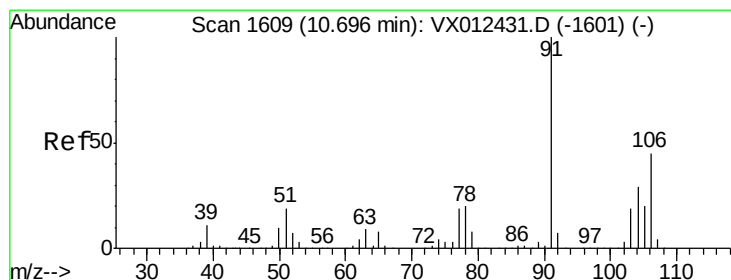
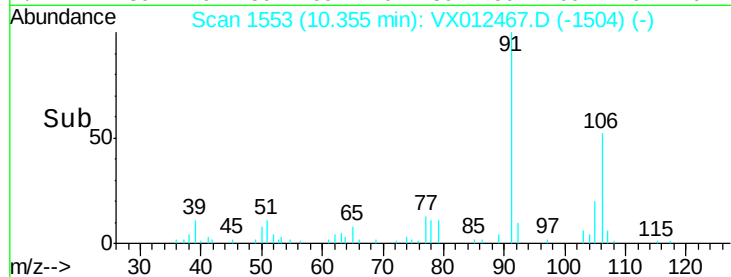
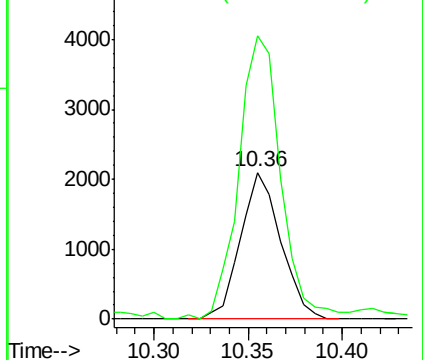
106 100

91 200.4 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.550 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012467.D

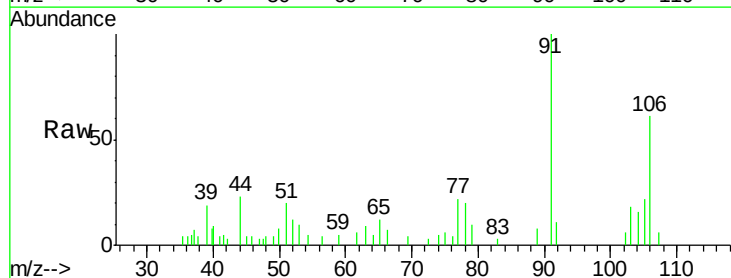
Acq: 18 Sep 2019 12:41

Tgt Ion:106 Resp: 1377

Ion Ratio Lower Upper

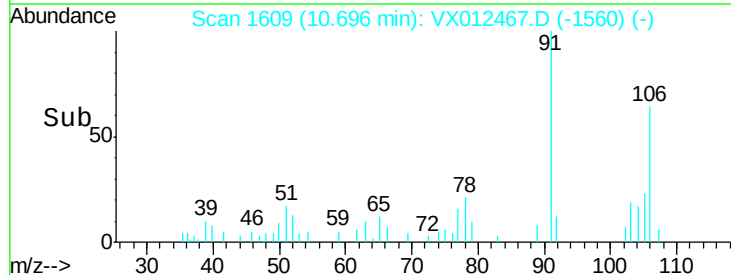
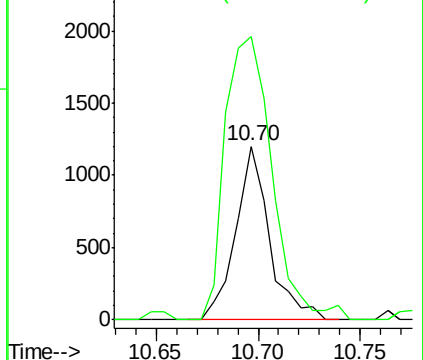
106 100

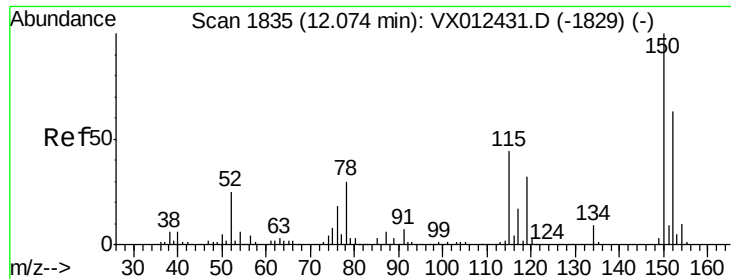
91 227.4 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

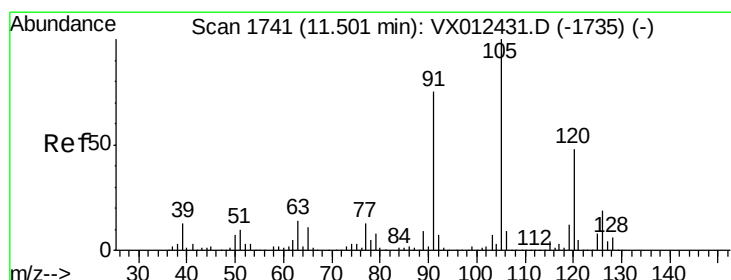
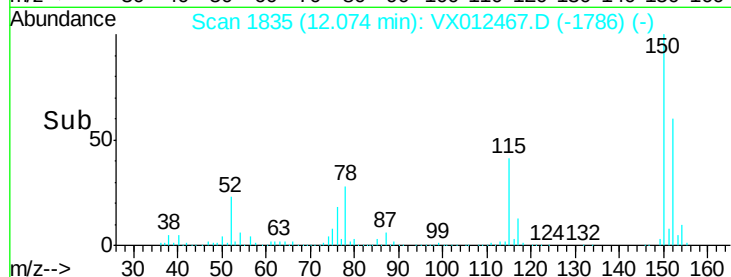
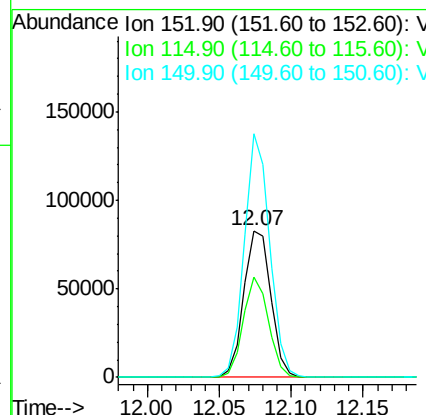
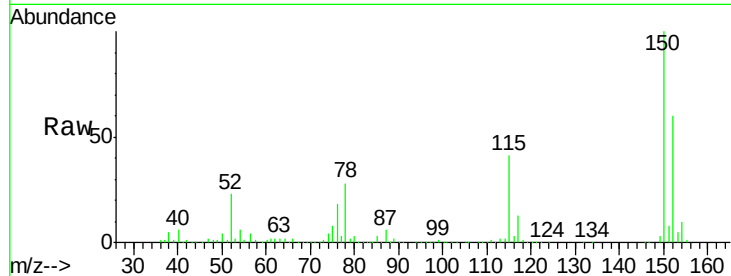




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012467.D
 Acq: 18 Sep 2019 12:41

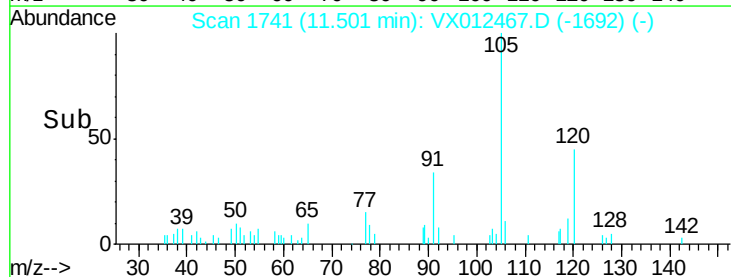
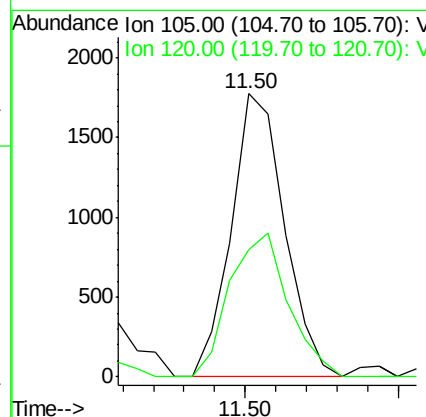
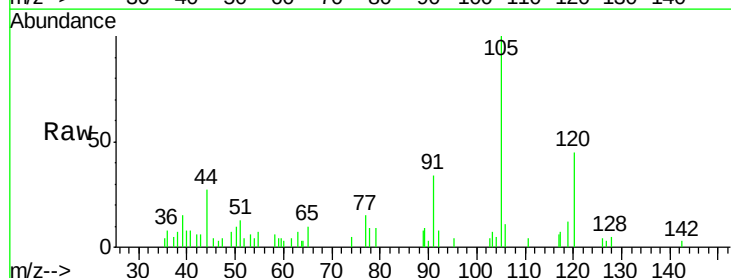
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-7(7)ME

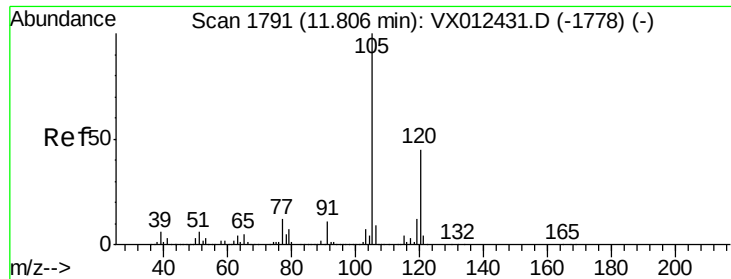
Tot Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.1	132.3
150	155.5	0.0	343.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.368 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012467.D
 Acq: 18 Sep 2019 12:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	56.2	24.3	72.8

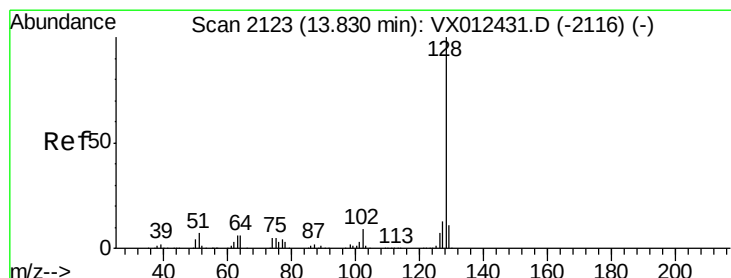
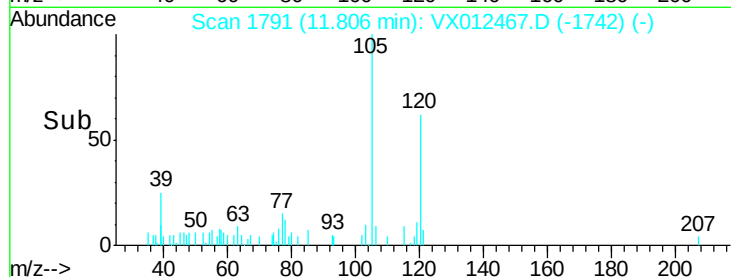
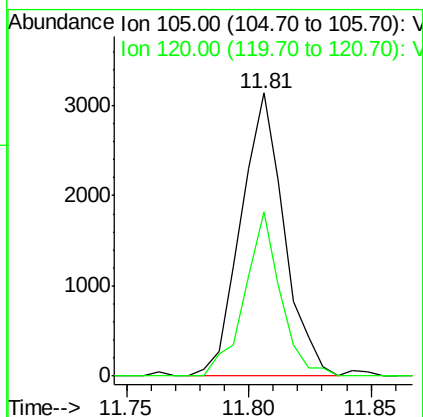
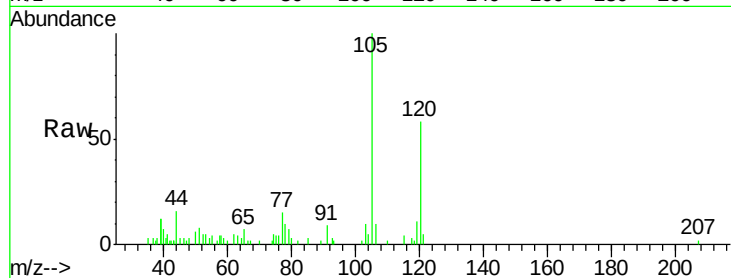




#84
1,2,4-Trimethylbenzene
Concen: 0.649 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
AOC-7(7)ME

Tot Ion:105 Resp: 3860
Ion Ratio Lower Upper
105 100
120 48.2 22.2 66.6



#95
Naphthalene
Concen: 43.450 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion:128 Resp: 324554
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2

