

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006878.D
 Acq On : 02 Jan 2019 13:38
 Operator : JC/MD
 Sample : J6590-01
 Misc : 6.60g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-06A

Quant Time: Jan 03 09:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

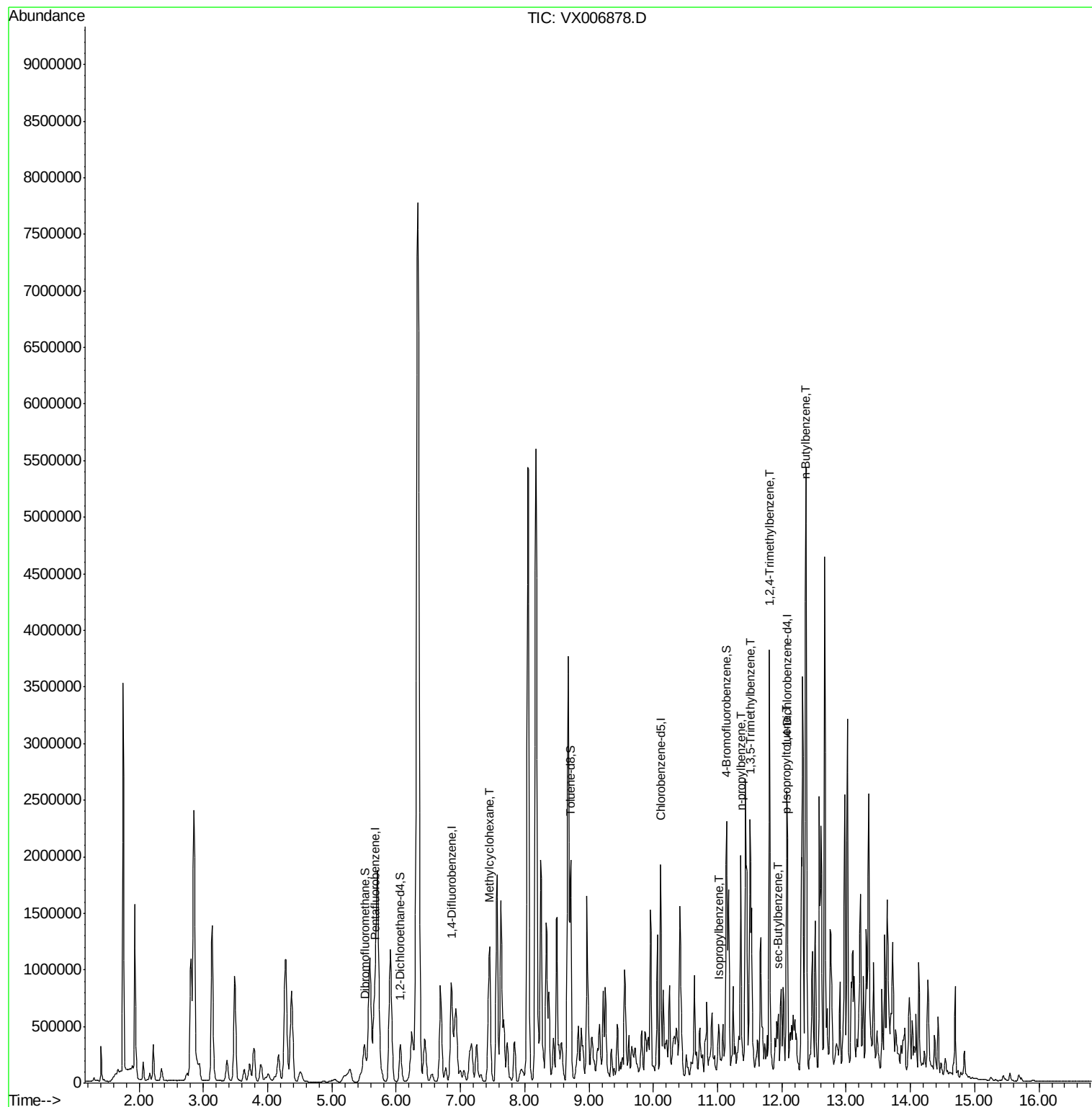
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	623946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	913527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	856629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	486640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	300376	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
35) Dibromofluoromethane	5.51	113	265192	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
50) Toluene-d8	8.71	98	1082226	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	428052	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
Target Compounds						
39) Methylcyclohexane	7.45	83	517681	51.971	ug/l	90
73) Isopropylbenzene	11.02	105	165787	4.980	ug/l	100
78) n-propylbenzene	11.36	91	1093550	29.829	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	886246	32.319	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1508188	52.290	ug/l	99
85) sec-Butylbenzene	11.94	105	210174	6.246	ug/l	89
86) p-Isopropyltoluene	12.07	119	101581	3.434	ug/l	98
89) n-Butylbenzene	12.38	91	865246	34.372	ug/l #	29

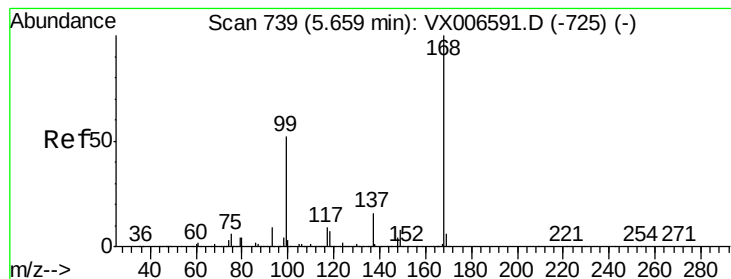
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

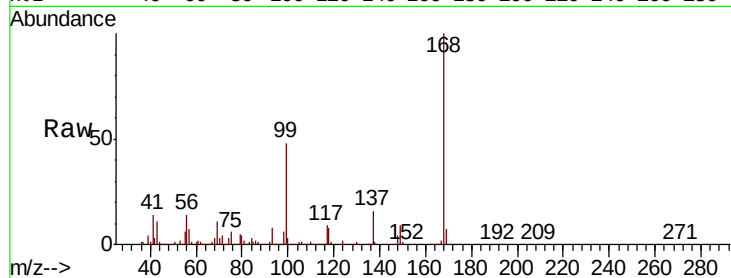
AOC2-06A

Tot Ion:168 Resp: 623946

Ion Ratio Lower Upper

168 100

99 48.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

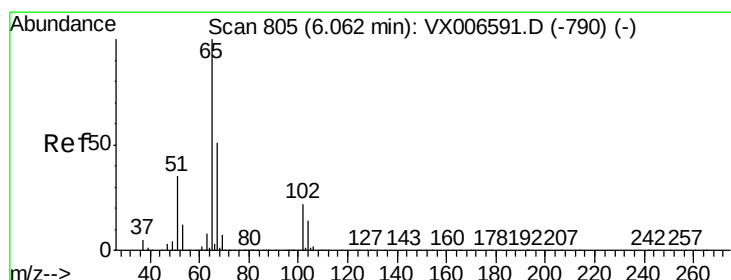
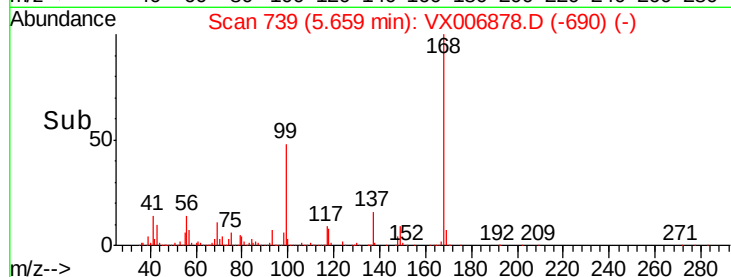
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.668 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006878.D

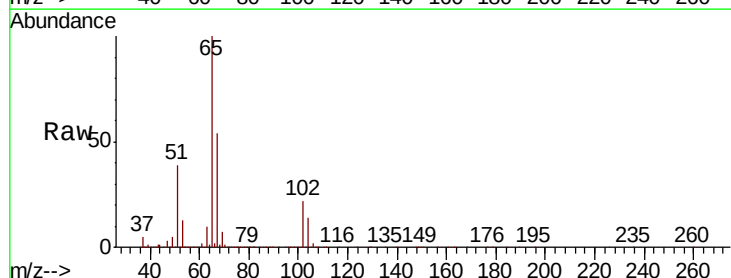
Acq: 02 Jan 2019 13:38

Tgt Ion: 65 Resp: 300376

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

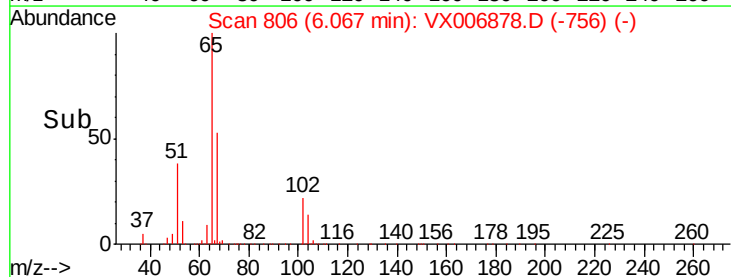
6.07

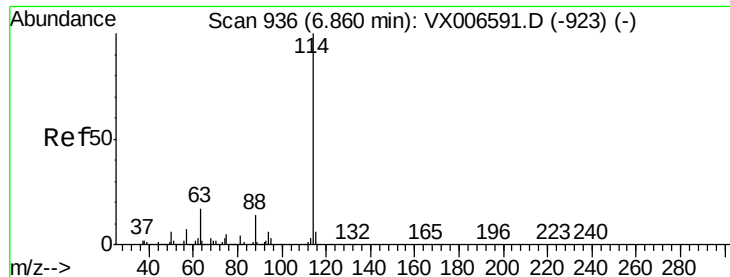
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06A

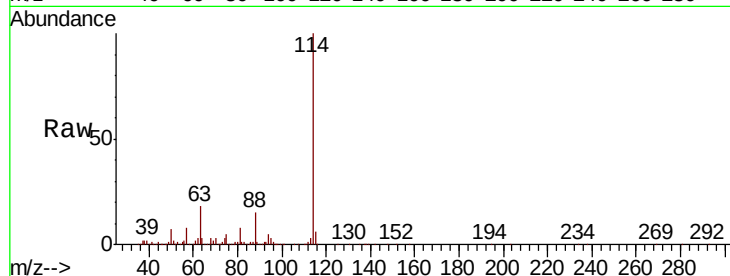
Tot Ion:114 Resp: 913527

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

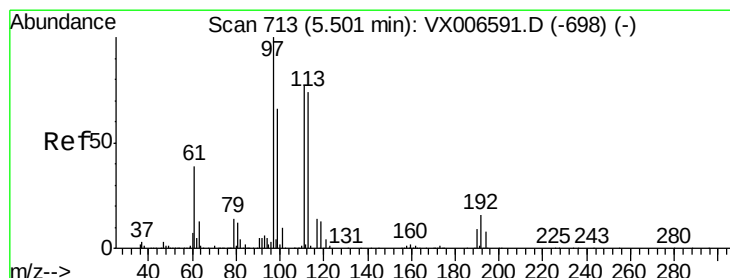
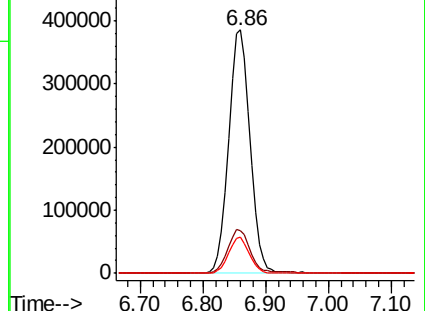
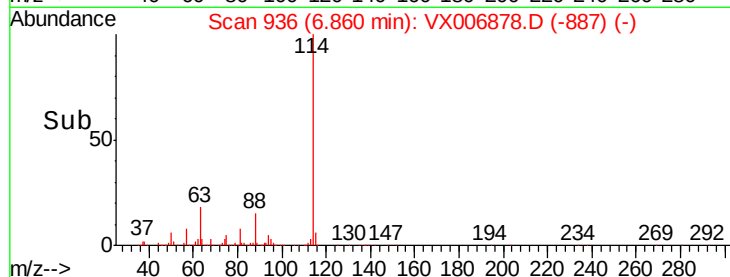
88 14.9 0.0 28.8



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: 45.905 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

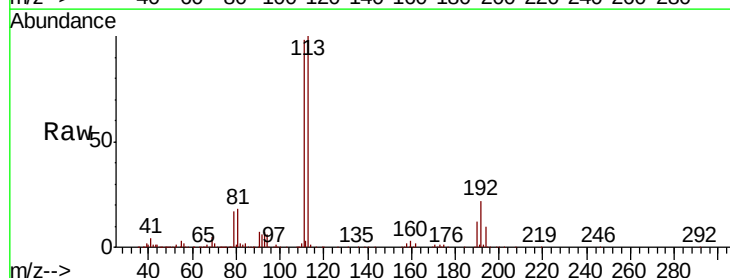
Tgt Ion:113 Resp: 265192

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

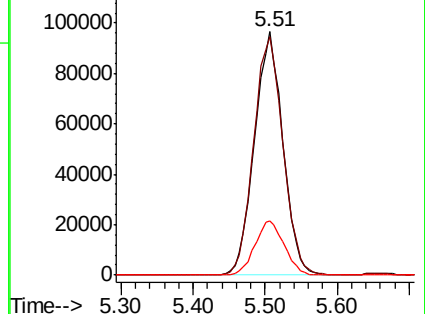
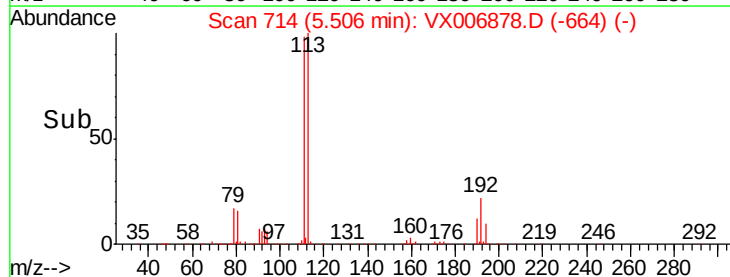
192 22.8 16.7 25.1

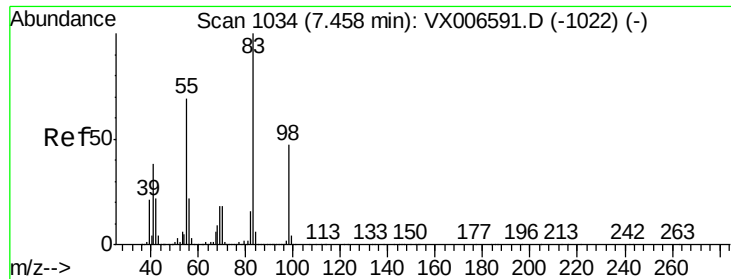


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

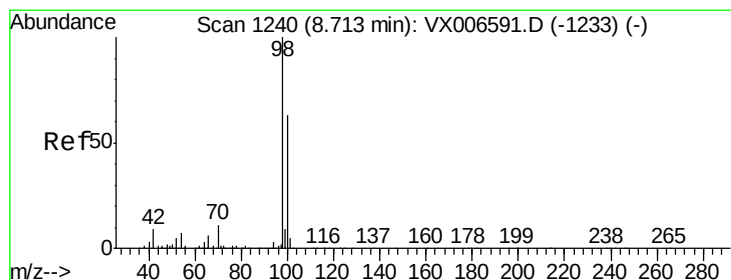
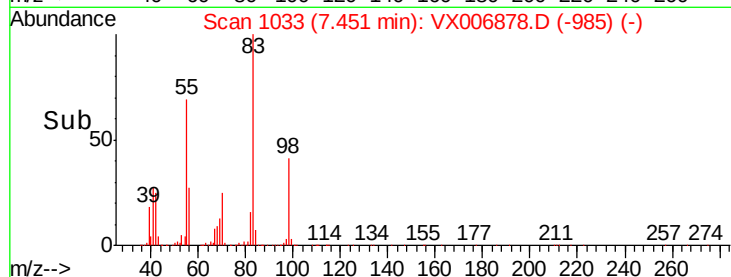
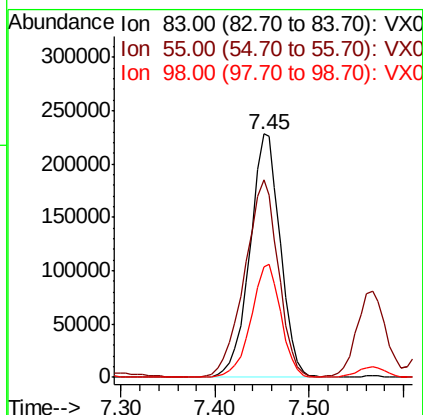
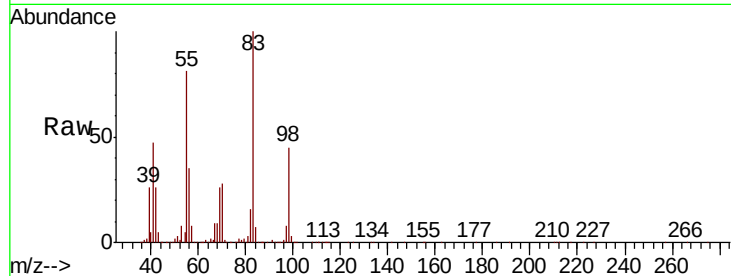




#39
Methylvlcyclohexane
Concen: 51.971 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

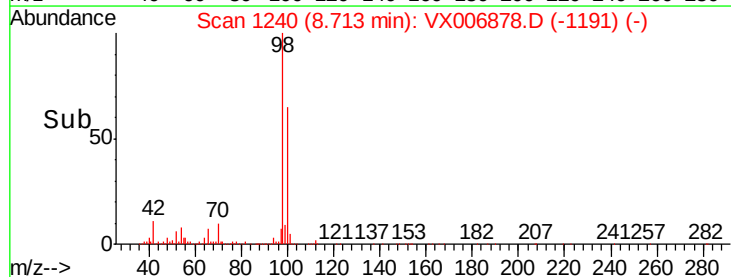
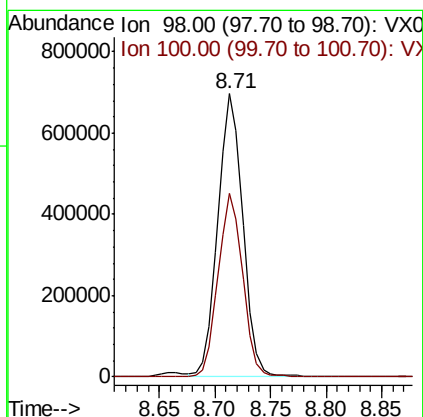
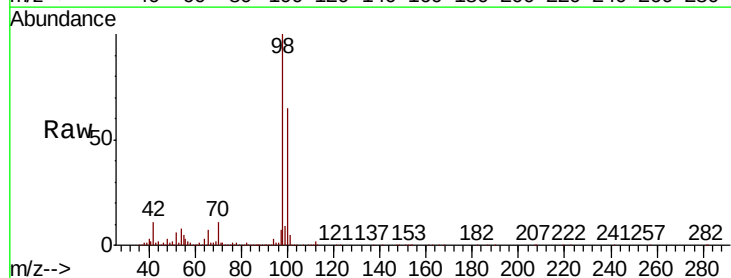
Instrument :
MSVOA_X
ClientSampleId :
AOC2-06A

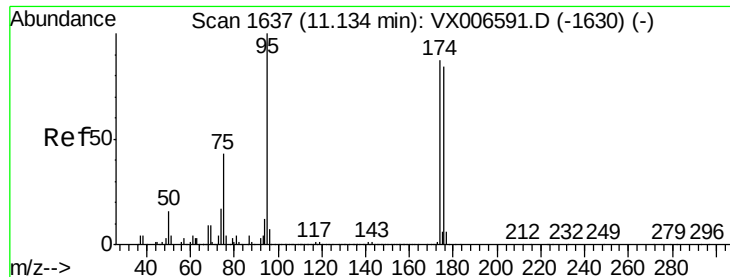
Tot Ion	83.00	Resp	517681
Ion Ratio	Lower	Upper	
83	100		
55	80.9	54.9	82.3
98	45.3	37.9	56.9



#50
Toluene-d8
Concen: 49.690 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

Tgt Ion	98	Resp	1082226
Ion Ratio	Lower	Upper	
98	100		
100	64.3	52.0	78.0

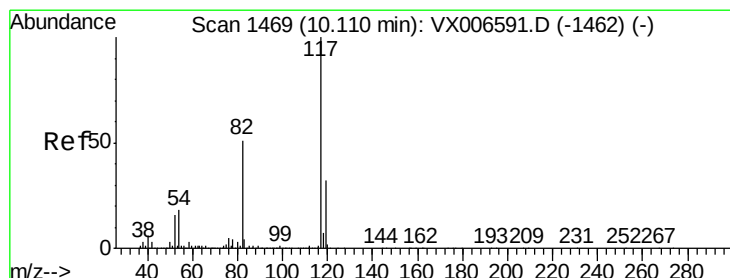
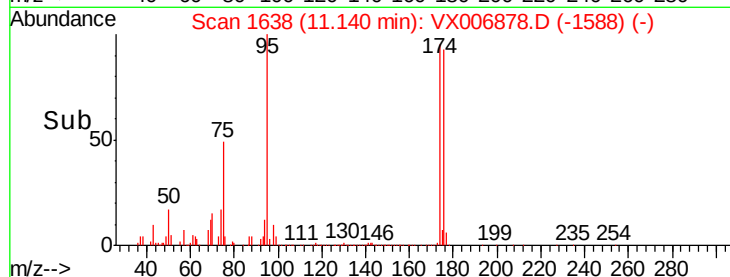
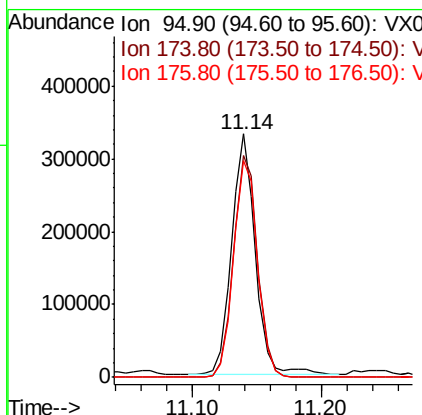
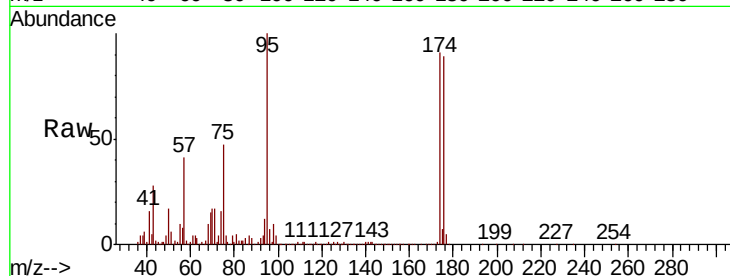




#62
4-Bromofluorobenzene
Concen: 53.664 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

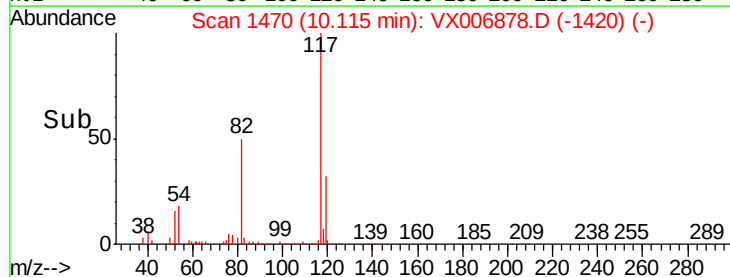
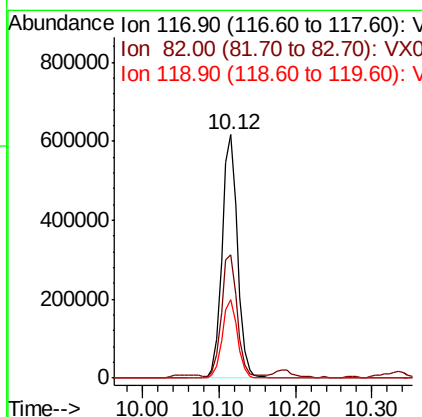
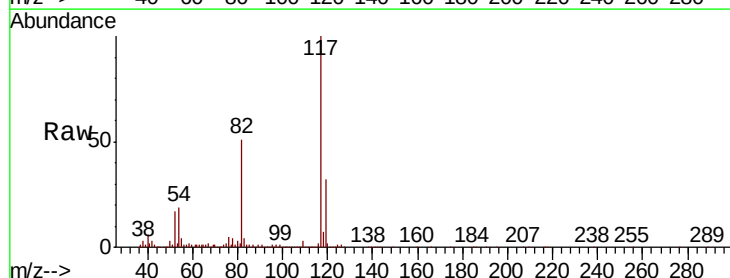
Instrument :
MSVOA_X
ClientSampleId :
AOC2-06A

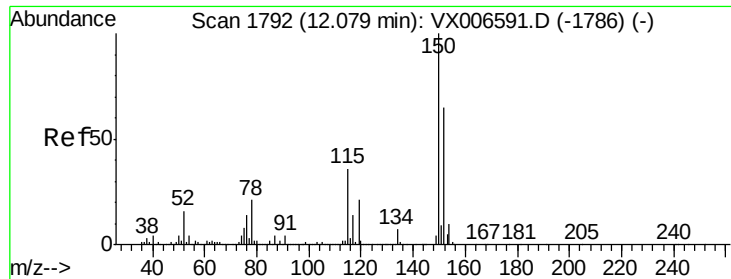
Tot Ion: 95 Resp: 428052
Ion Ratio Lower Upper
95 100
174 93.1 0.0 182.2
176 90.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

Tgt Ion: 117 Resp: 856629
Ion Ratio Lower Upper
117 100
82 50.4 41.0 61.6
119 32.4 25.4 38.0



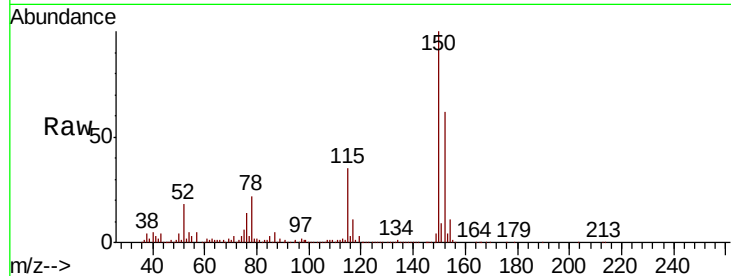


#72

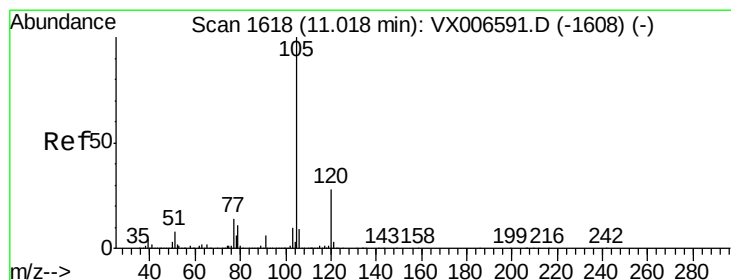
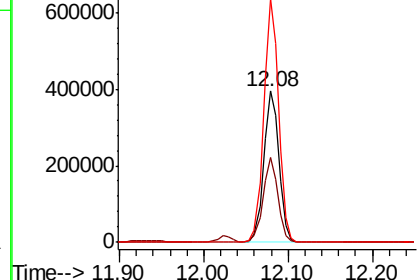
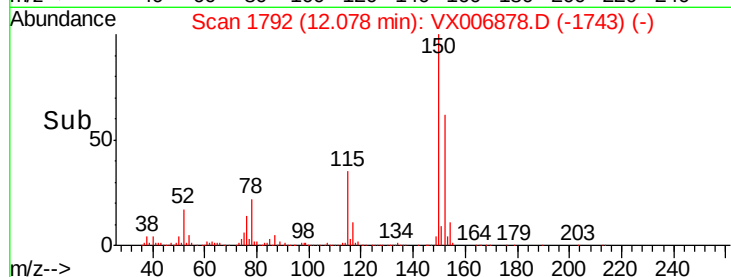
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
AOC2-06A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.1	117.2
150	157.7	0.0	344.8



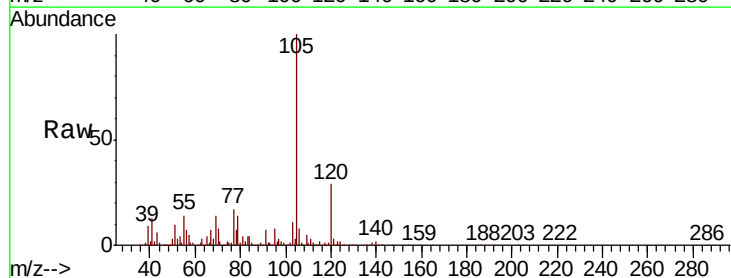
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



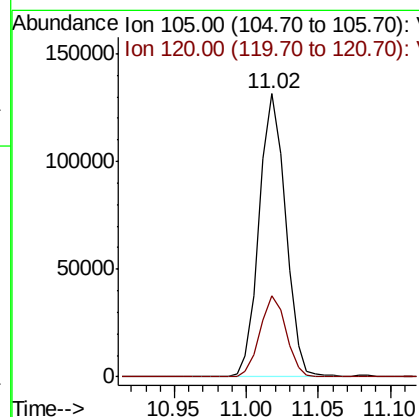
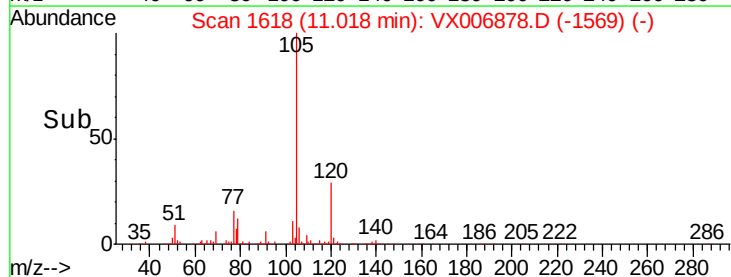
#73

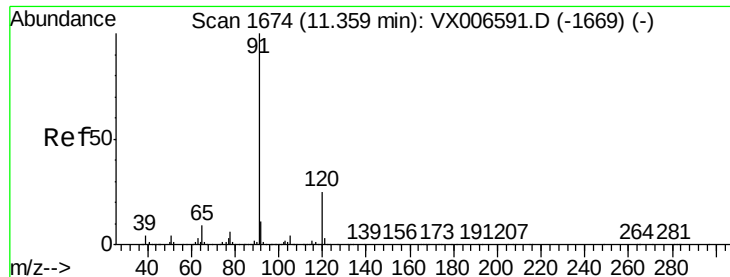
Isopropylbenzene
Concen: 4.980 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.4	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 29.829 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

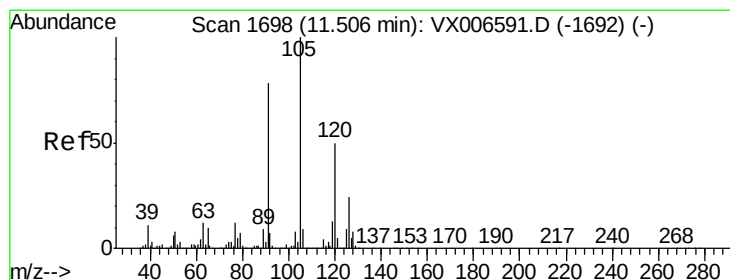
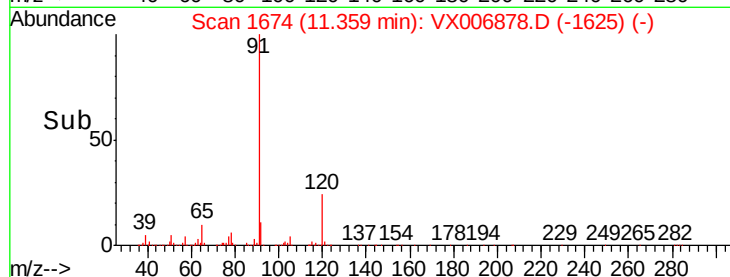
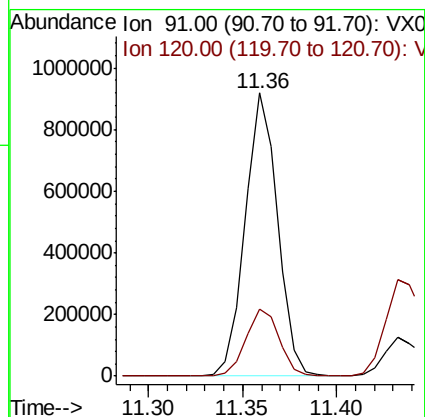
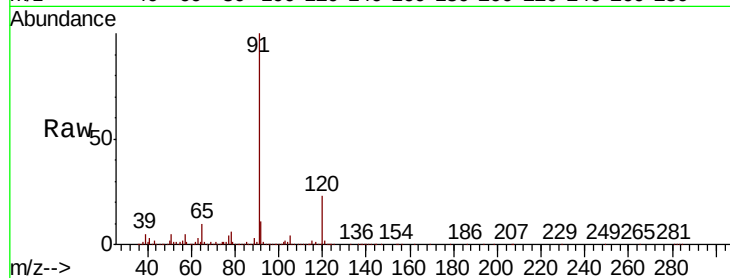
AOC2-06A

Tot Ion: 91 Resp: 1093550

Ion Ratio Lower Upper

91 100

120 24.3 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 32.319 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006878.D

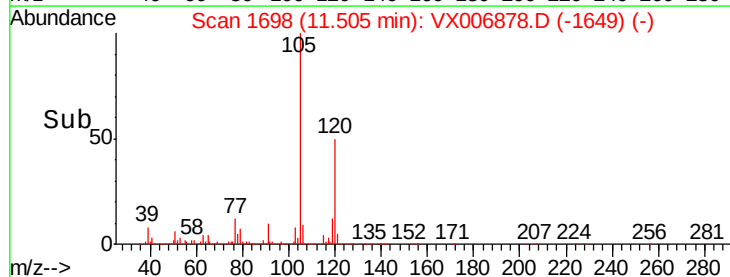
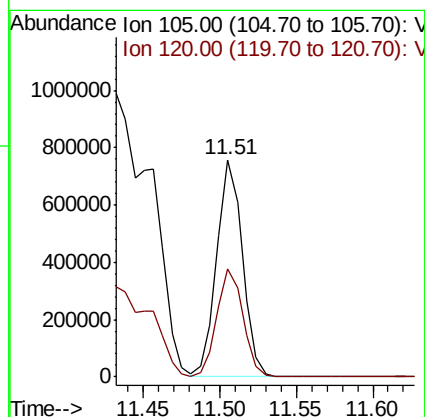
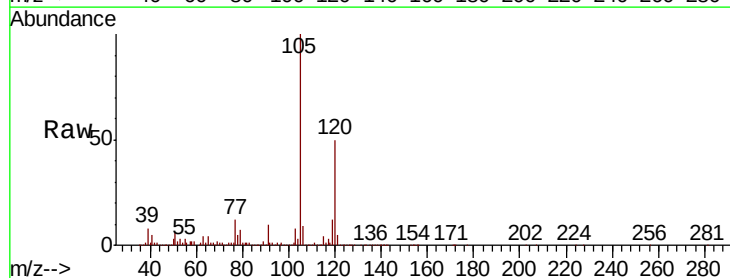
Acq: 02 Jan 2019 13:38

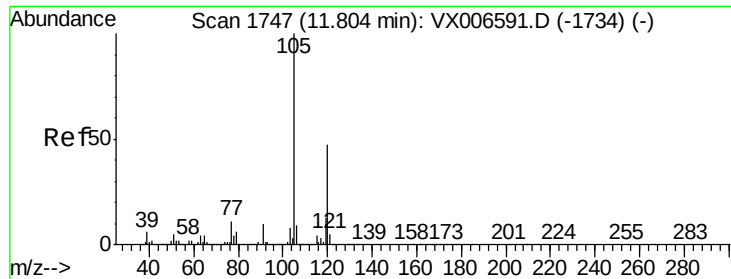
Tgt Ion: 105 Resp: 886246

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3

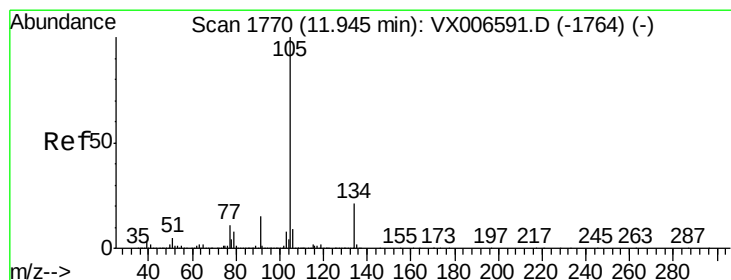
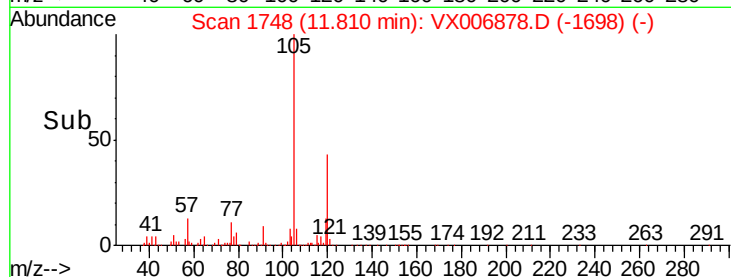
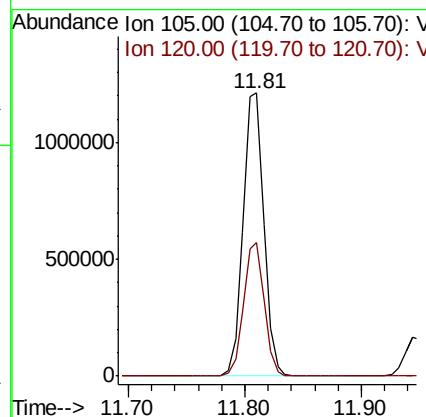
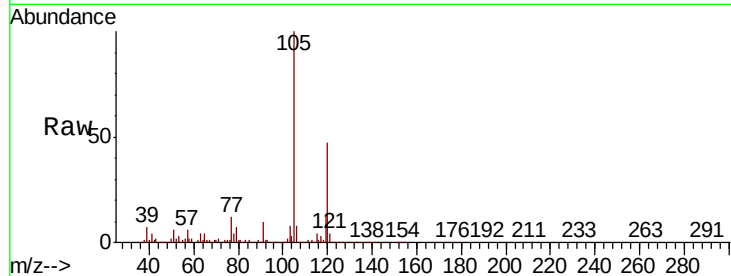




#84
 1,2,4-Trimethylbenzene
 Concen: 52.290 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006878.D
 Acq: 02 Jan 2019 13:38

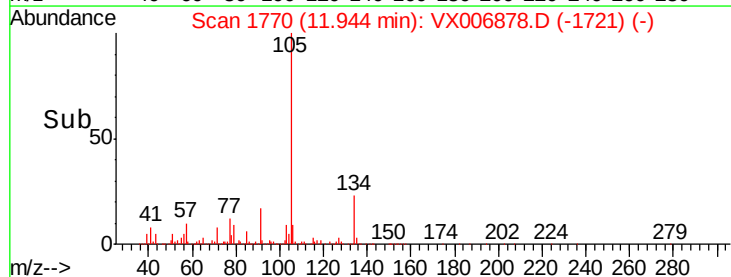
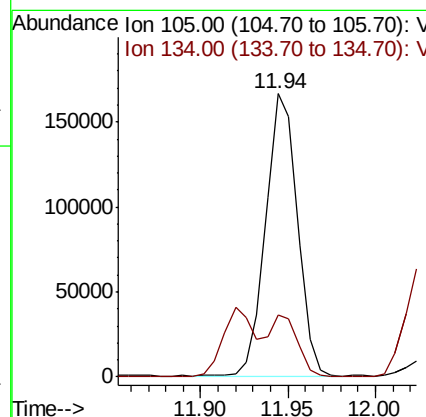
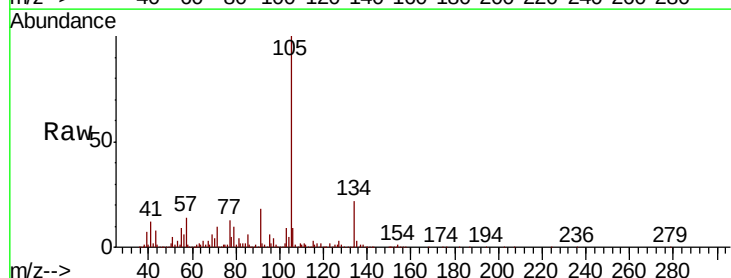
Instrument :
 MSVOA_X
 ClientSampled :
 AOC2-06A

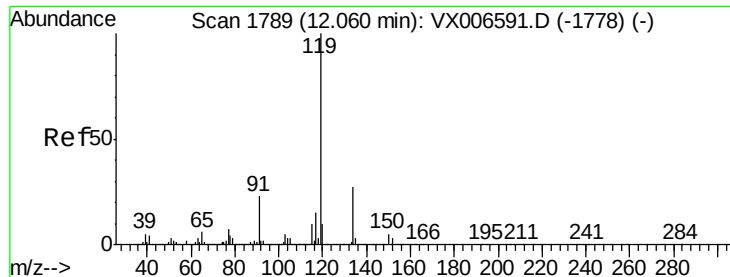
Tot Ion:105 Resp: 1508188
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 6.246 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006878.D
 Acq: 02 Jan 2019 13:38

Tgt Ion:105 Resp: 210174
 Ion Ratio Lower Upper
 105 100
 134 16.3 10.7 31.9

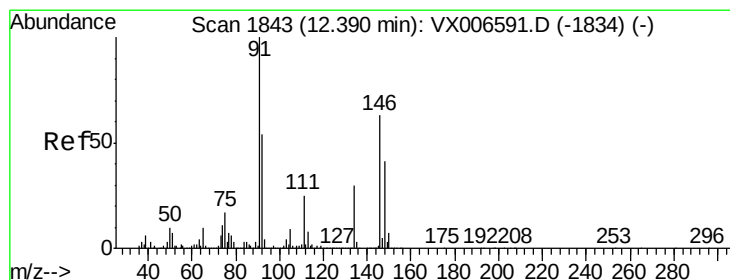
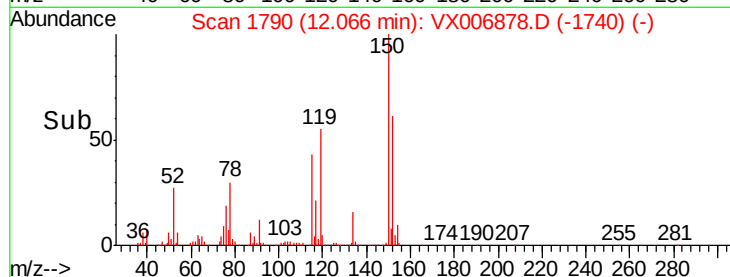
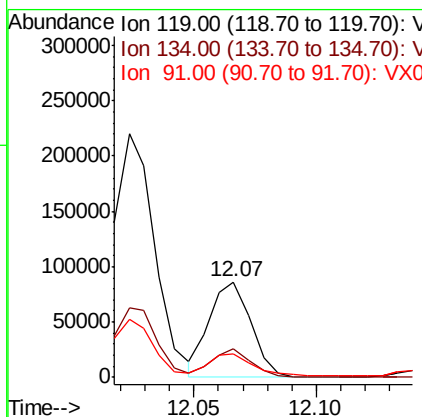
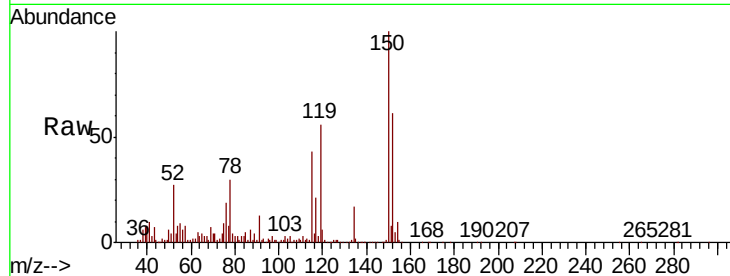




#86
p-Isopropyltoluene
Concen: 3.434 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

Instrument :
MSVOA_X
ClientSampled :
AOC2-06A

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	14.0	41.9
91	25.2	11.3	33.9



#89
n-Butylbenzene
Concen: 34.372 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.7	26.8	80.4
134	110.4	14.4	43.2

