

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005606.D
 Acq On : 26 Oct 2018 15:49
 Operator : JC/MD
 Sample : J5515-14ME
 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 29 09:25:11 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%	

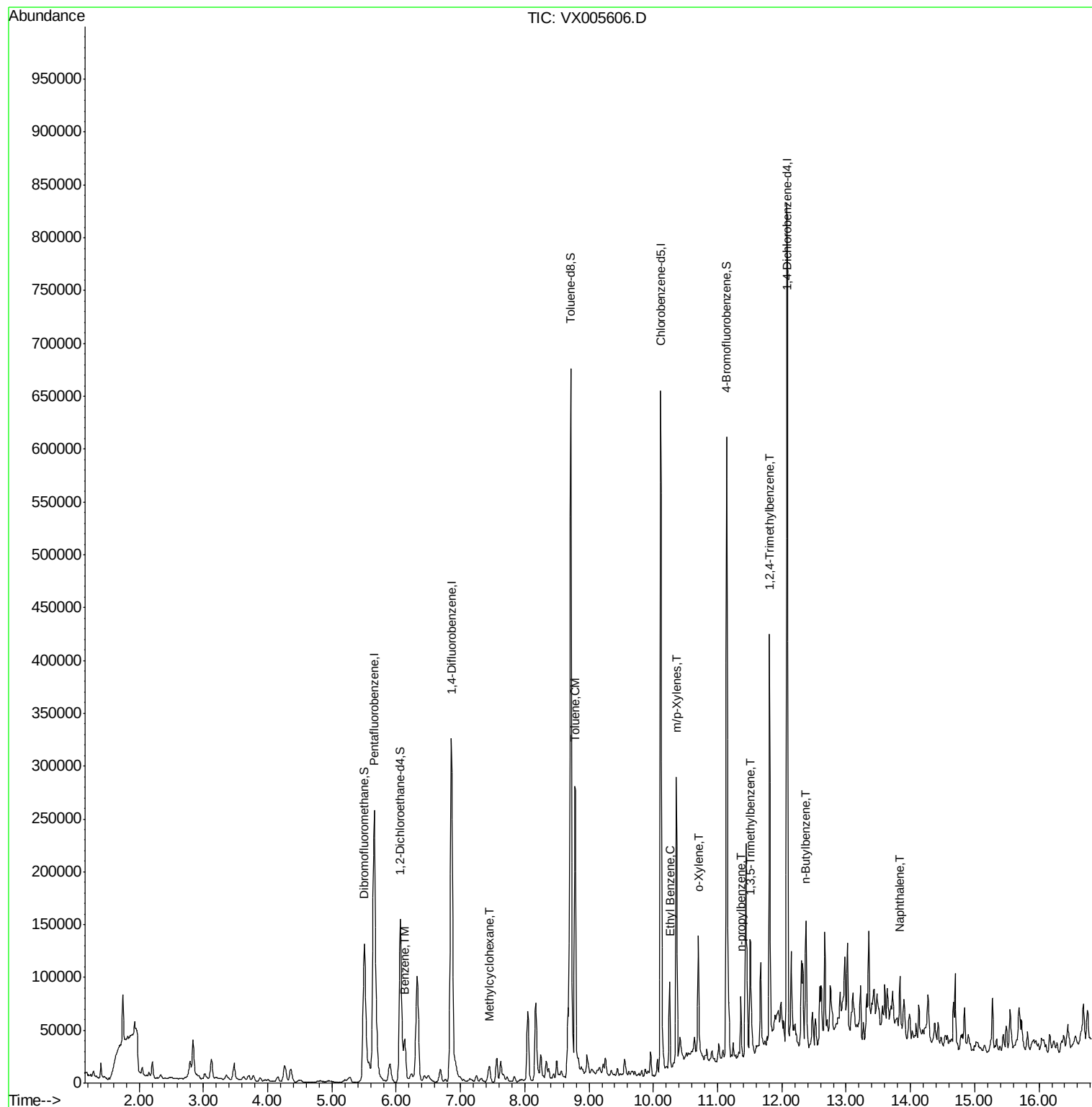
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.45	83	5175	1.336	ug/l	94
40) Benzene	6.13	78	47871	4.761	ug/l	96
52) Toluene	8.79	92	107183	17.541	ug/l	100
67) Ethyl Benzene	10.26	91	46024	3.998	ug/l	98
68) m/p-Xylenes	10.36	106	63613	14.243	ug/l	100
69) o-Xylene	10.70	106	25715	6.120	ug/l	99
78) n-propylbenzene	11.36	91	36019	3.025	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	49000	5.501	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	159977	17.722	ug/l	100
89) n-Butylbenzene	12.38	91	18261	2.136	ug/l #	27
95) Naphthalene	13.83	128	34943	3.004	ug/l #	96

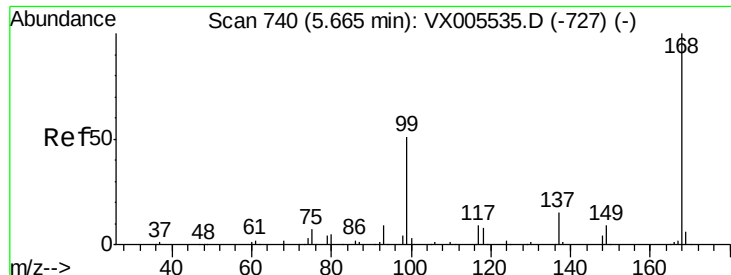
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005606.D
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ClientSampleId :
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Quant Time: Oct 29 09:25:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#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 :

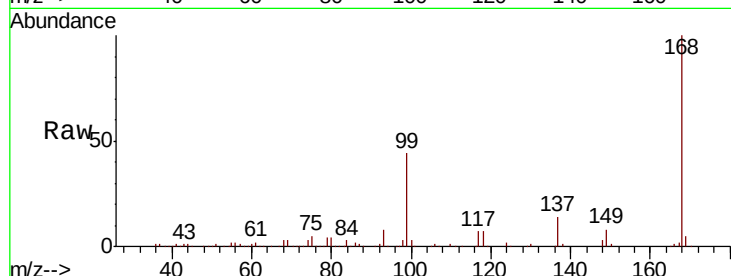
AOC2-01BME

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

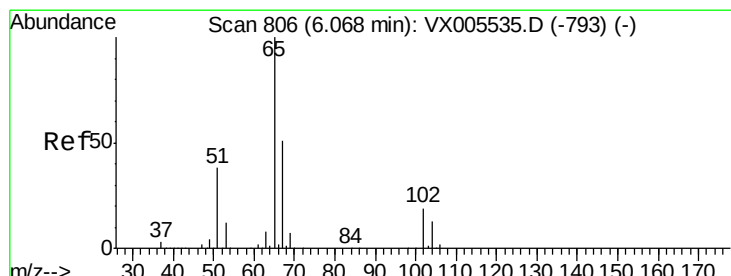
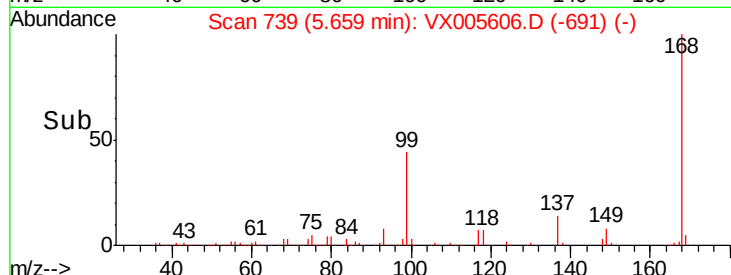
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#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

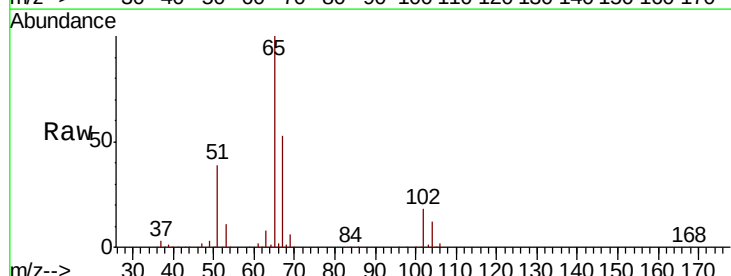
Acq: 26 Oct 2018 15:49

Tgt Ion: 65 Resp: 152514

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

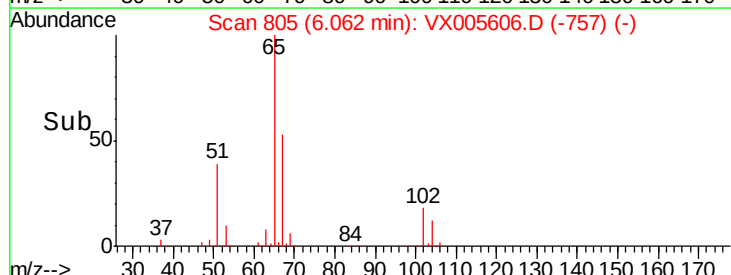
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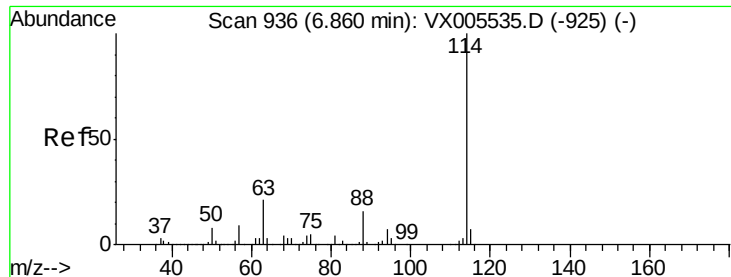
20000

0

Time-->

6.00 6.10 6.20





#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

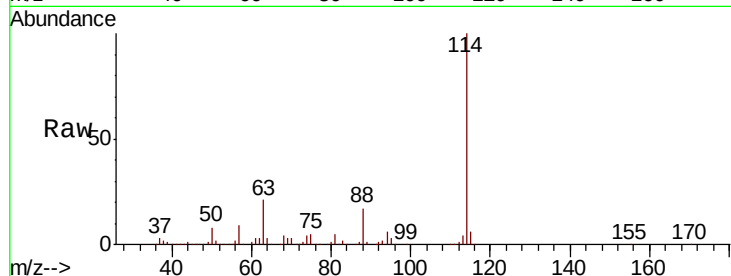
Tot Ion:114 Resp: 361408

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

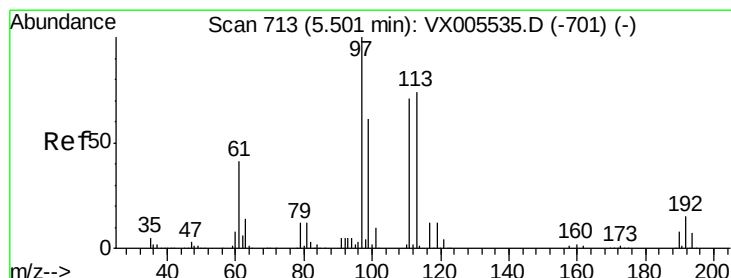
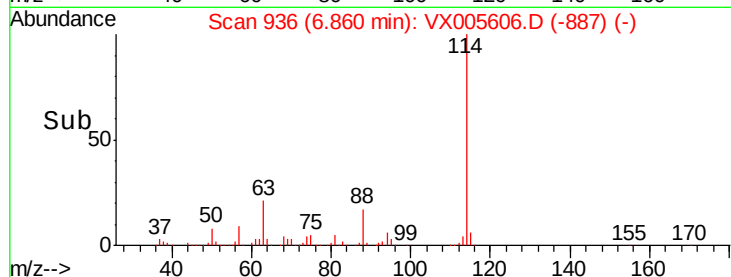
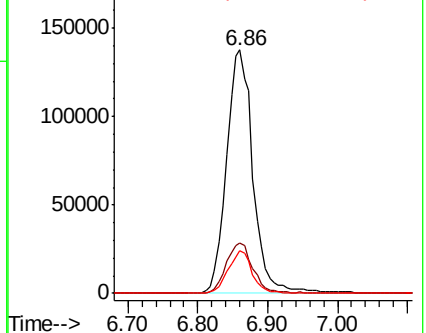
88 17.4 0.0 31.2



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

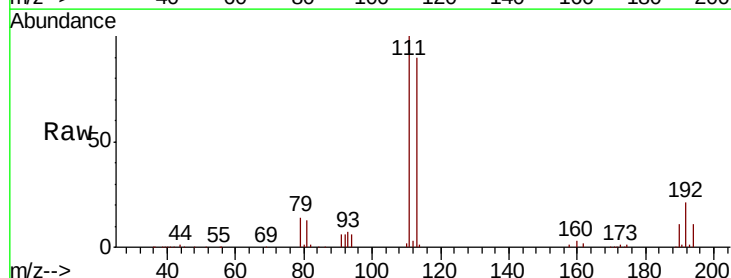
Tgt Ion:113 Resp: 115821

Ion Ratio Lower Upper

113 100

111 106.9 82.3 123.5

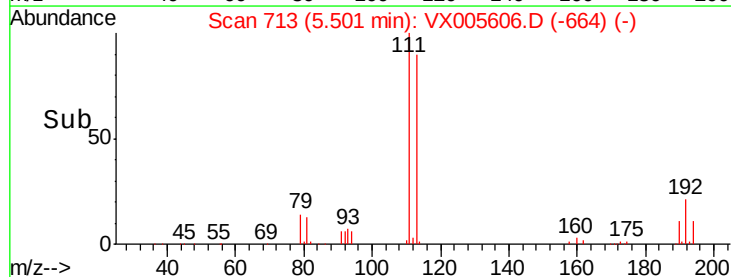
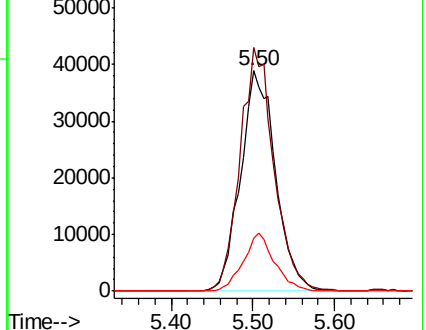
192 23.7 17.9 26.9

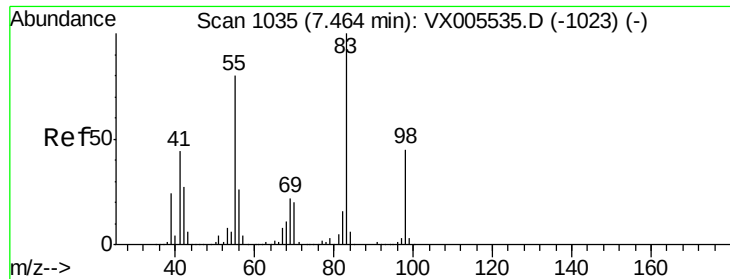


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

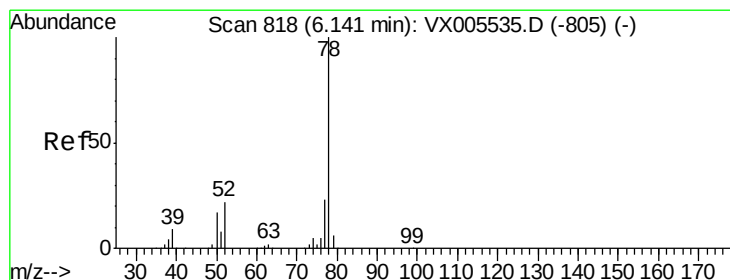
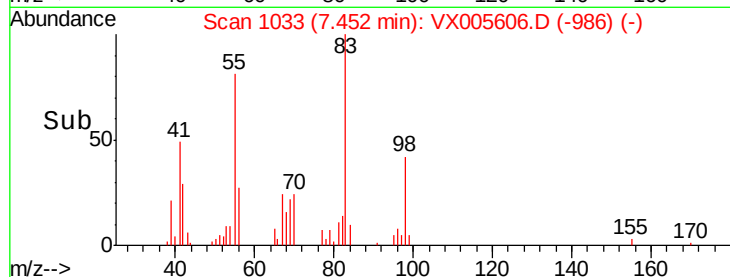
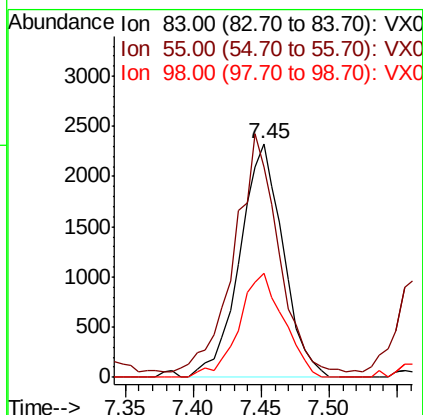
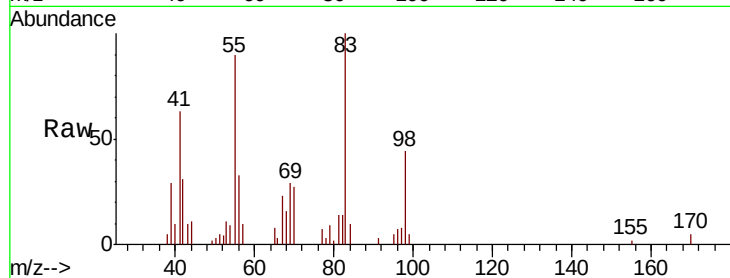




#39
Methylvlcyclohexane
Concen: 1.336 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

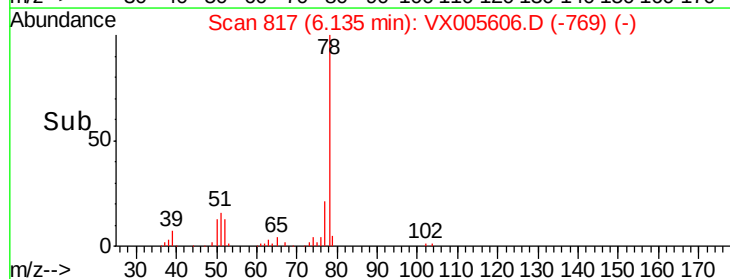
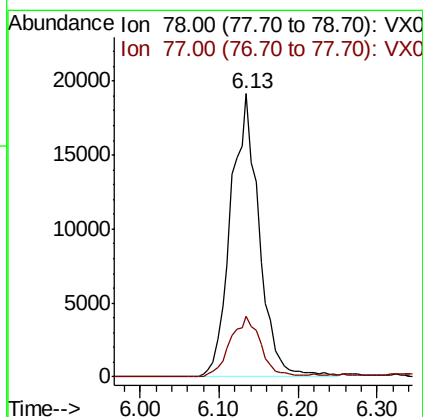
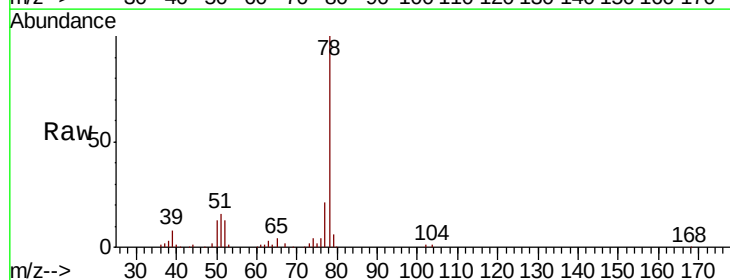
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

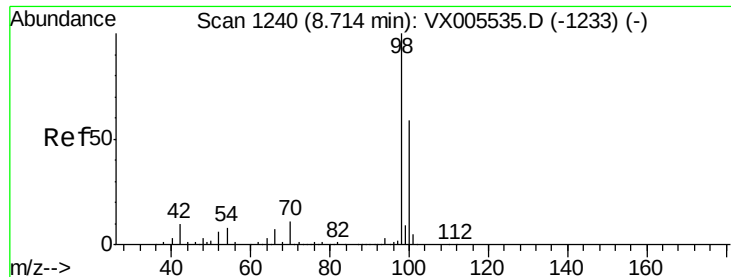
Tot Ion: 83 Resp: 5175
Ion Ratio Lower Upper
83 100
55 87.0 63.7 95.5
98 44.4 36.2 54.2



#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

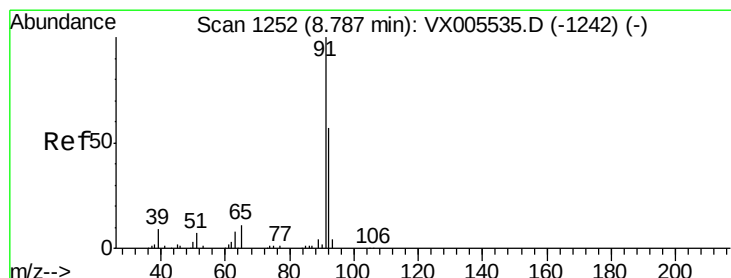
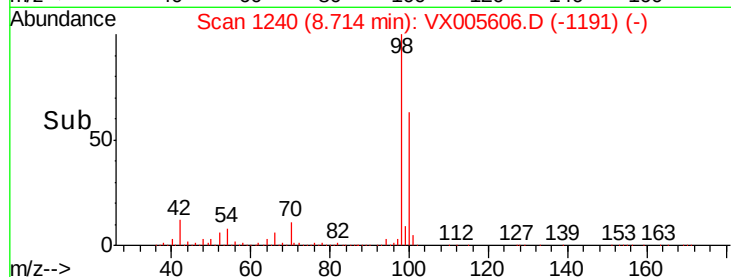
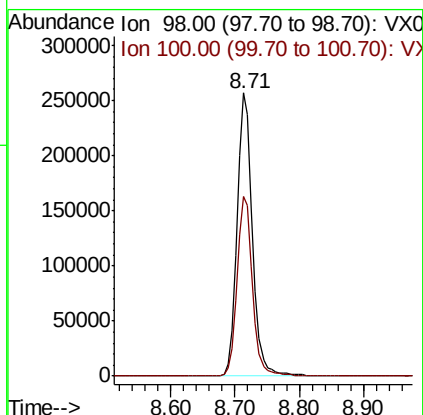
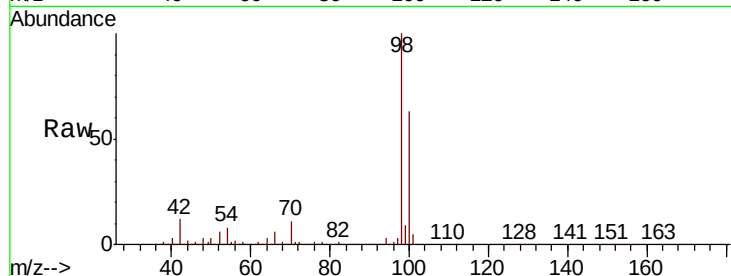




#50
Toluene-d8
Concen: 48.900 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

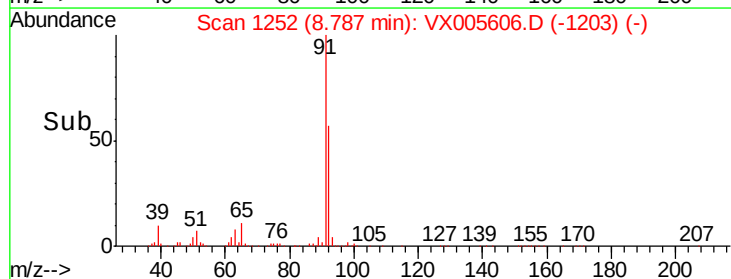
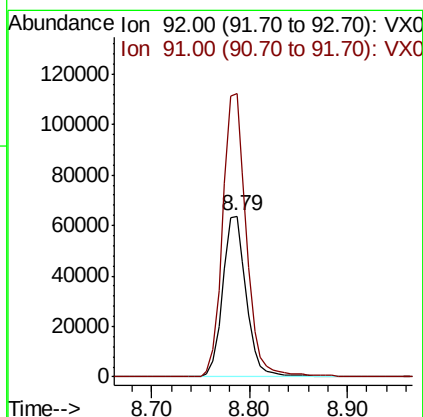
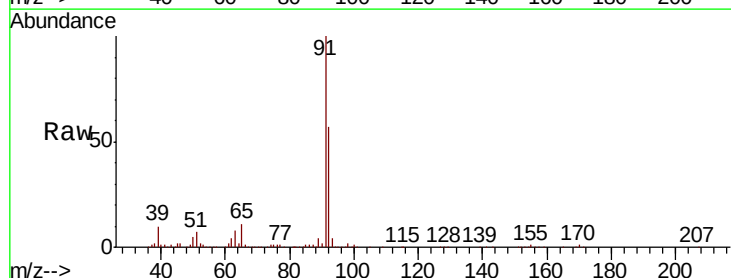
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

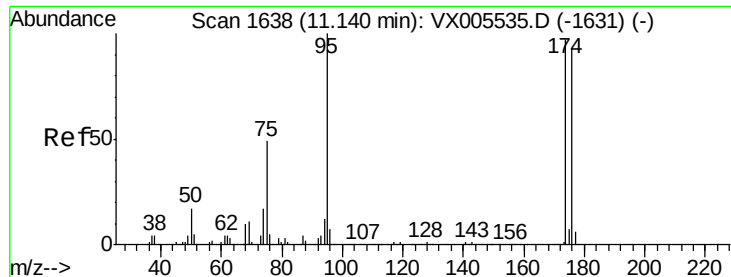
Tot Ion: 98 Resp: 429984
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#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

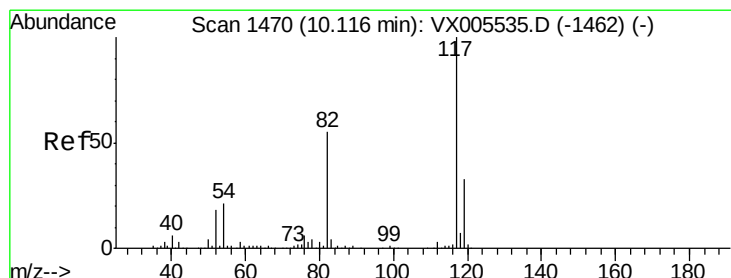
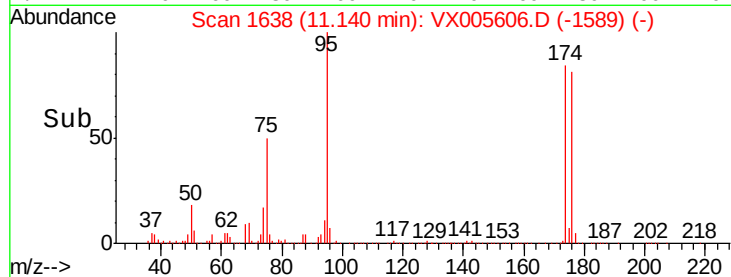
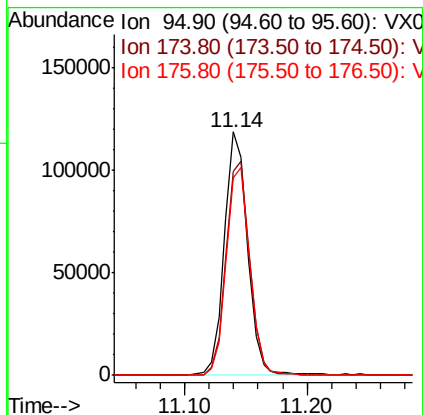
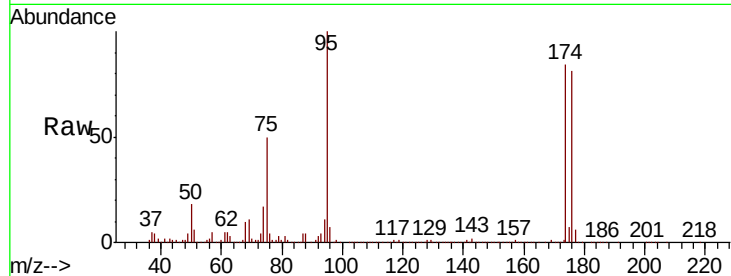




#62
4-Bromofluorobenzene
Concen: 46.346 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

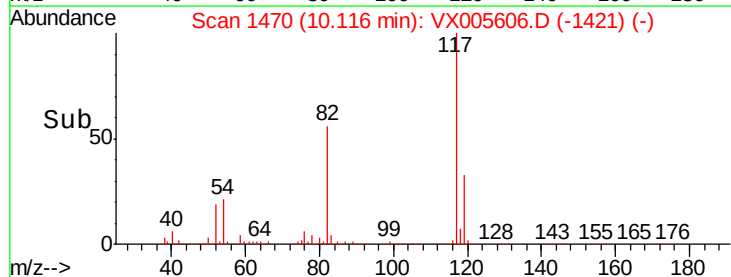
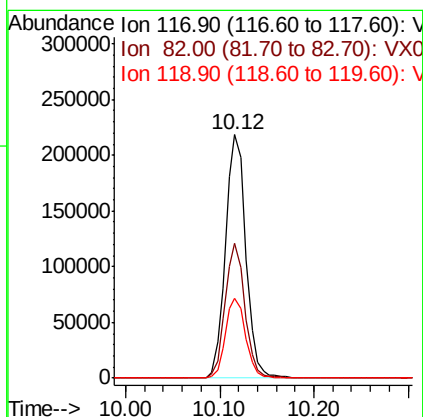
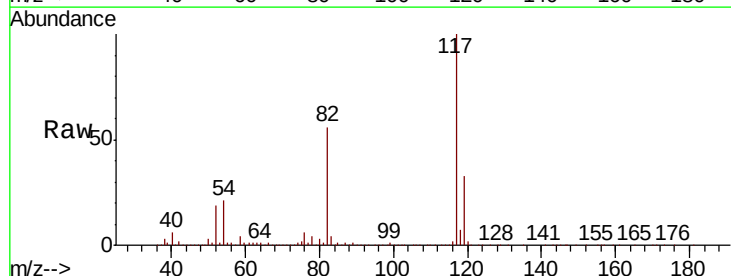
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

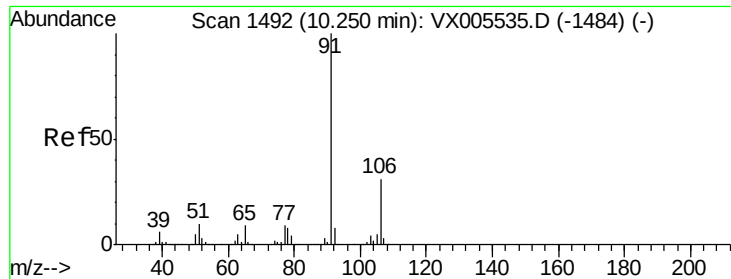
Tot Ion: 95 Resp: 153902
Ion Ratio Lower Upper
95 100
174 90.8 0.0 184.4
176 87.7 0.0 177.4



#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





#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

ClientSampleId :

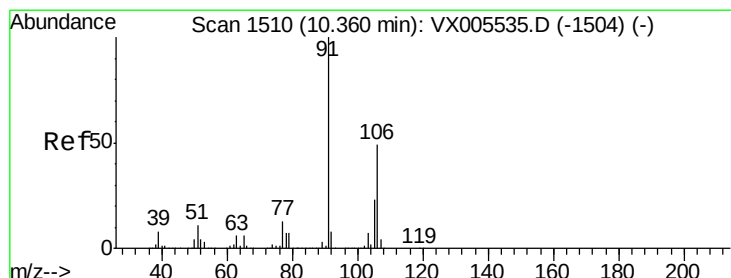
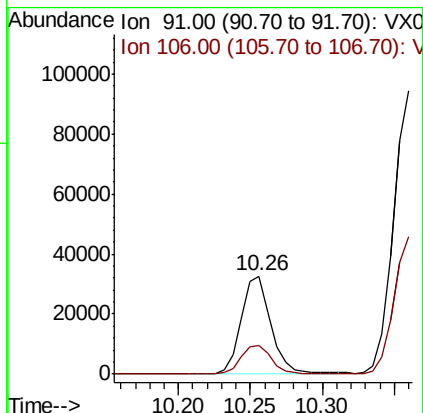
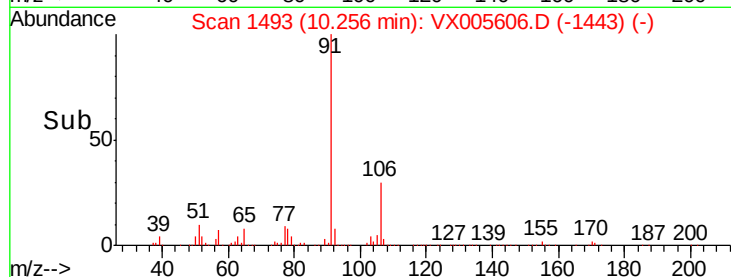
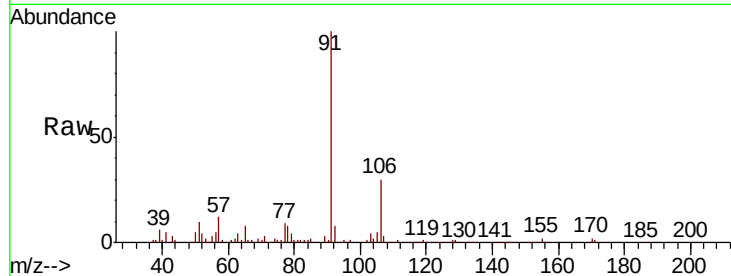
AOC2-01BME

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

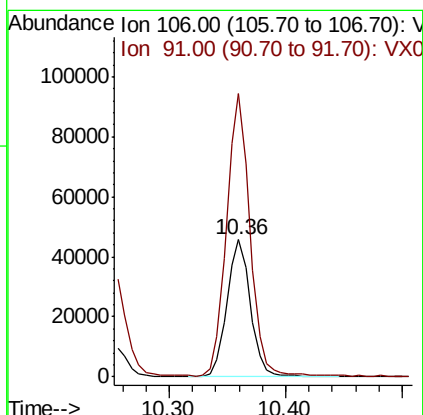
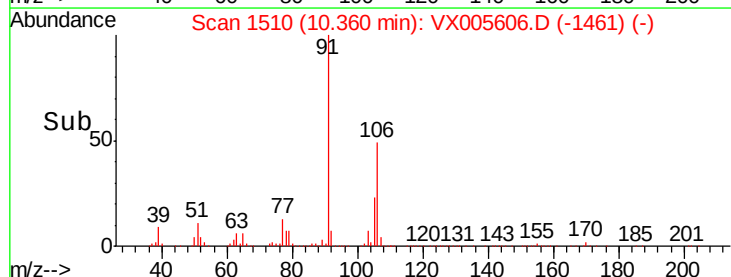
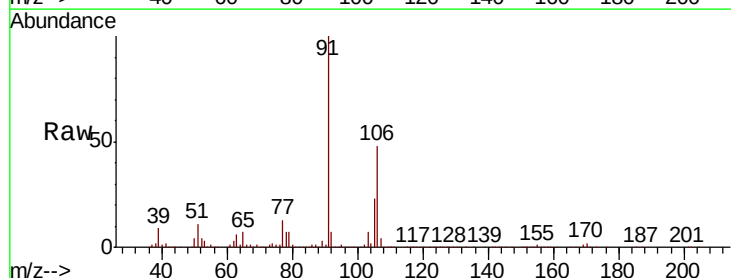
Acq: 26 Oct 2018 15:49

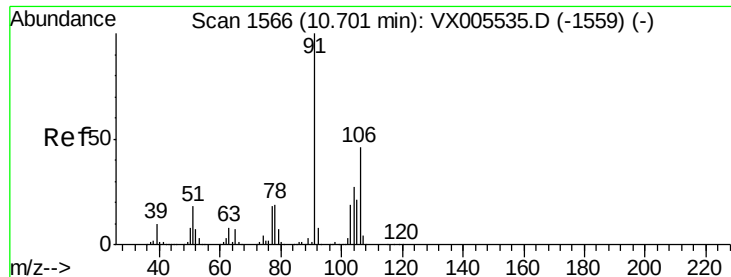
Tgt Ion: 106 Resp: 63613

Ion Ratio Lower Upper

106 100

91 204.9 164.2 246.4

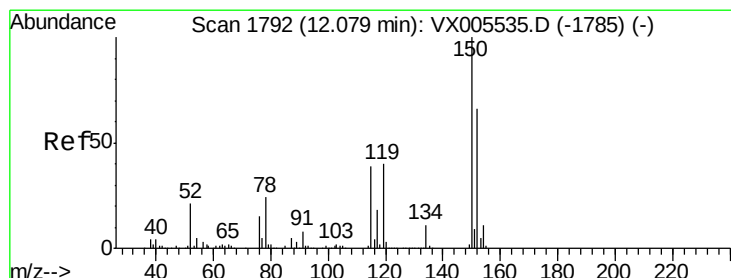
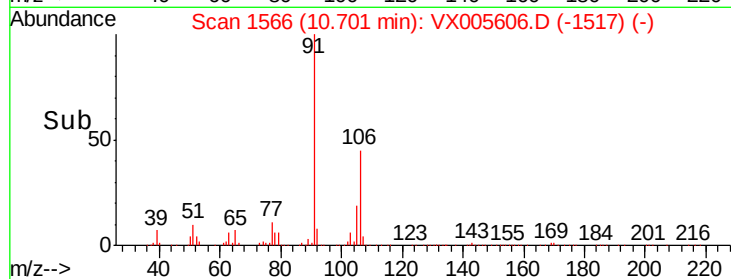
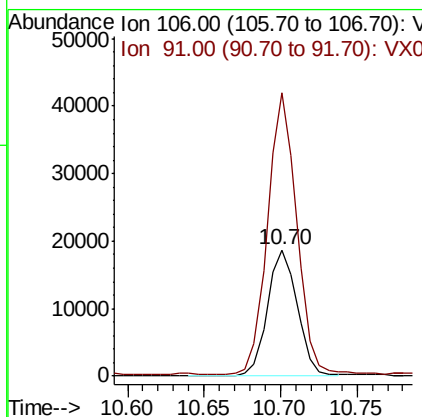
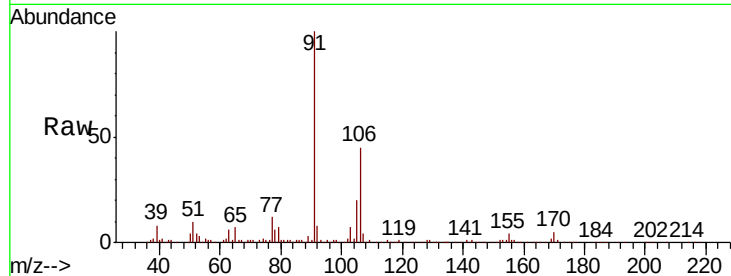




#69
o-Xylene
Concen: 6.120 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

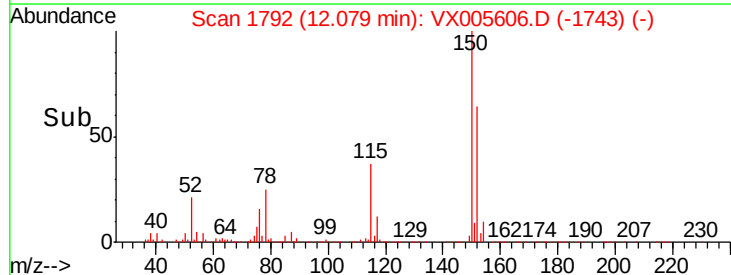
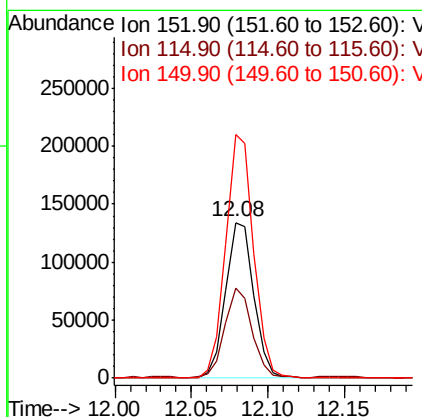
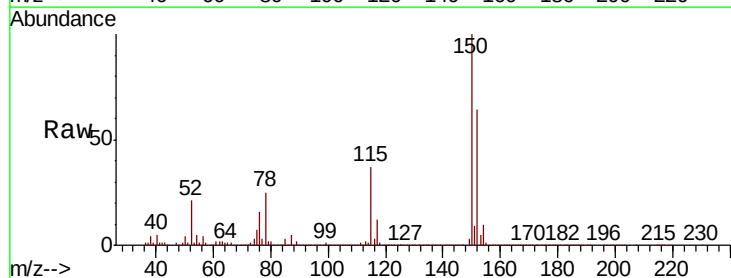
Instrument :
MSVOA_X
ClientSampleId :
AOC2-01BME

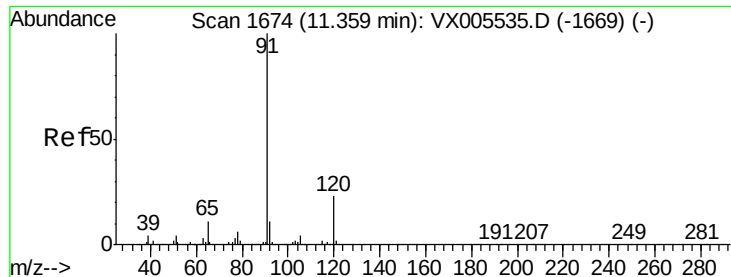
Tot Ion:106 Resp: 25715
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.5



#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

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





#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 :

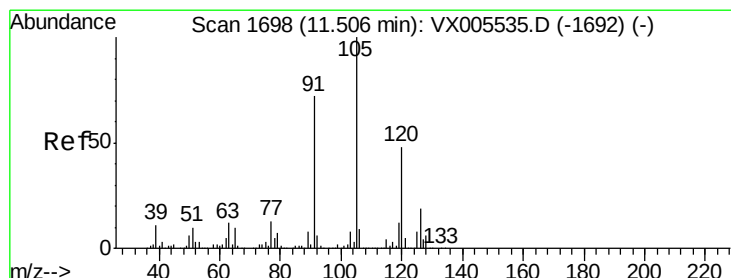
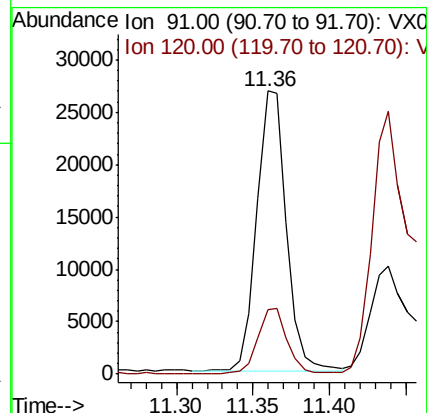
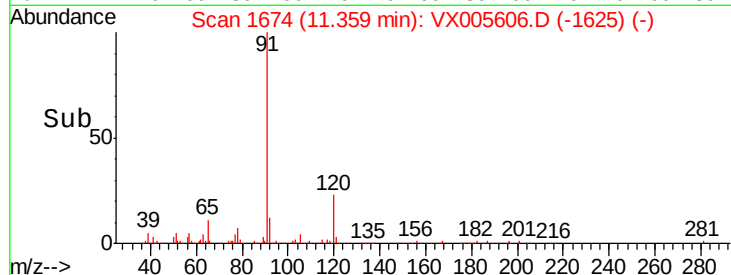
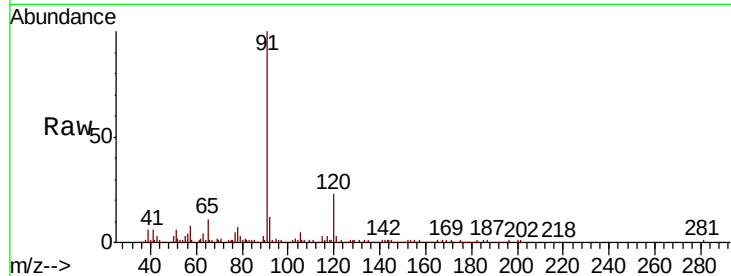
AOC2-01BME

Tot Ion: 91 Resp: 36019

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5



#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

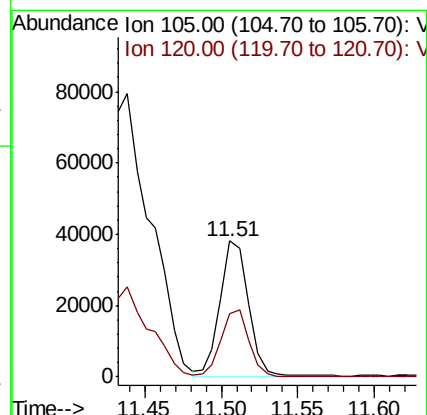
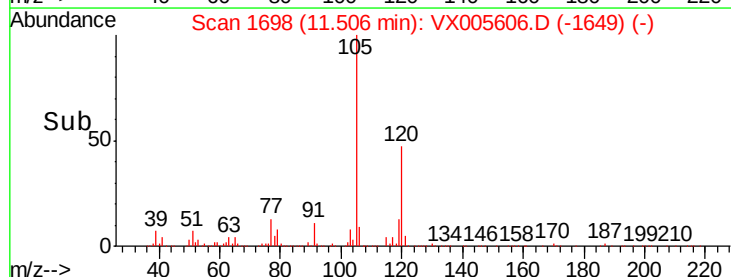
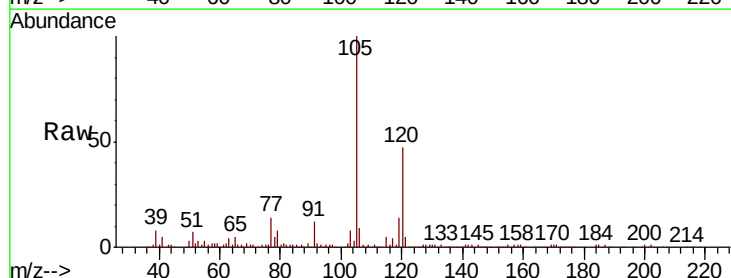
Acq: 26 Oct 2018 15:49

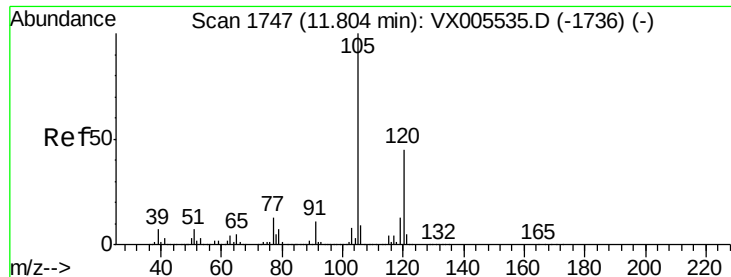
Tgt Ion: 105 Resp: 49000

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2





#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 :

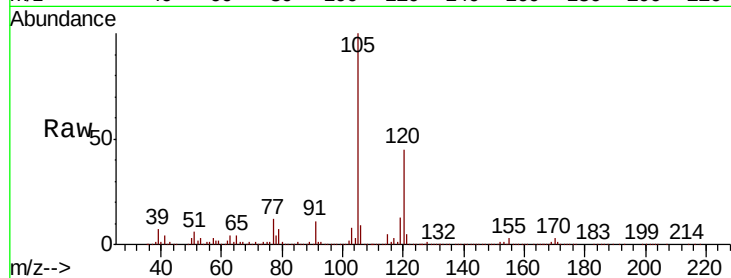
AOC2-01BME

Tot Ion:105 Resp: 159977

Ion Ratio Lower Upper

105 100

120 44.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

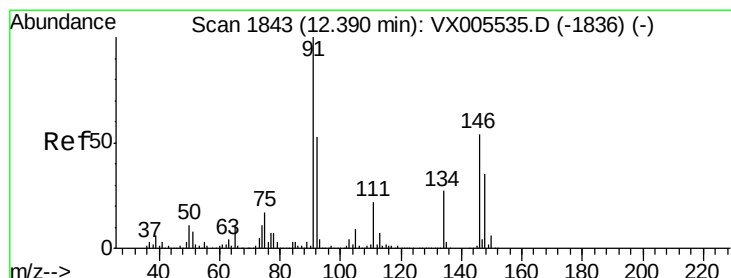
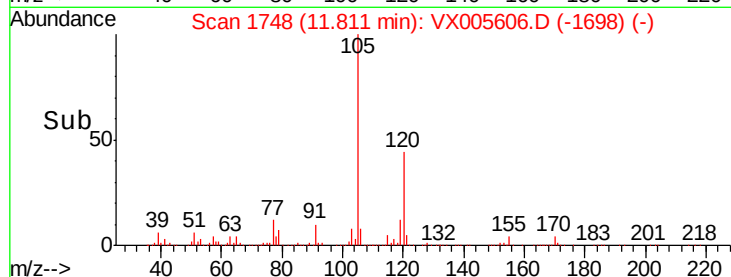
150000

100000

50000

0

Time-->



#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

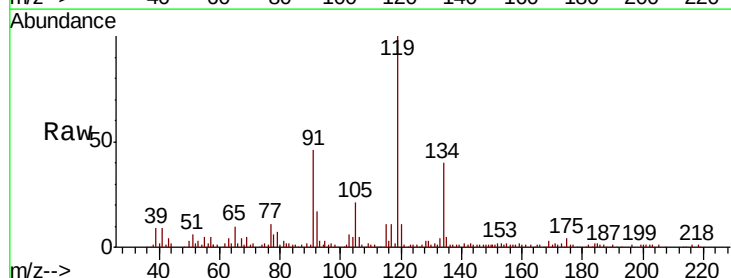
Tgt Ion: 91 Resp: 18261

Ion Ratio Lower Upper

91 100

92 32.5 26.1 78.2

134 109.7 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

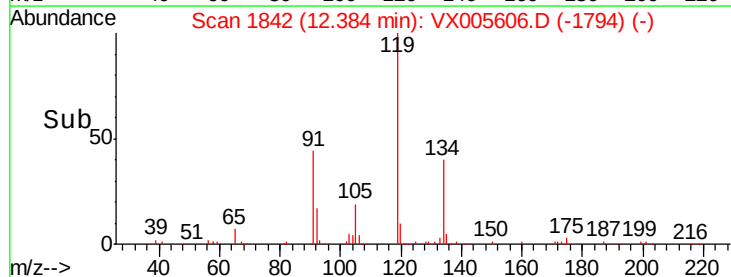
15000

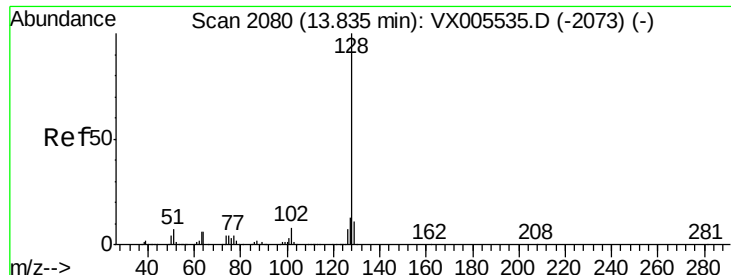
10000

5000

0

Time-->

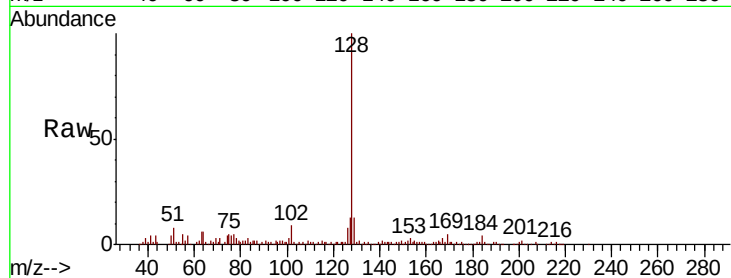




#95
Naphthalene
Concen: 3.004 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005606.D
Acq: 26 Oct 2018 15:49

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

