

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043045.D
 Acq On : 13 Apr 2021 12:46
 Operator : SY/MD
 Sample : M1952-03 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30820

Quant Time: Apr 13 14:30:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

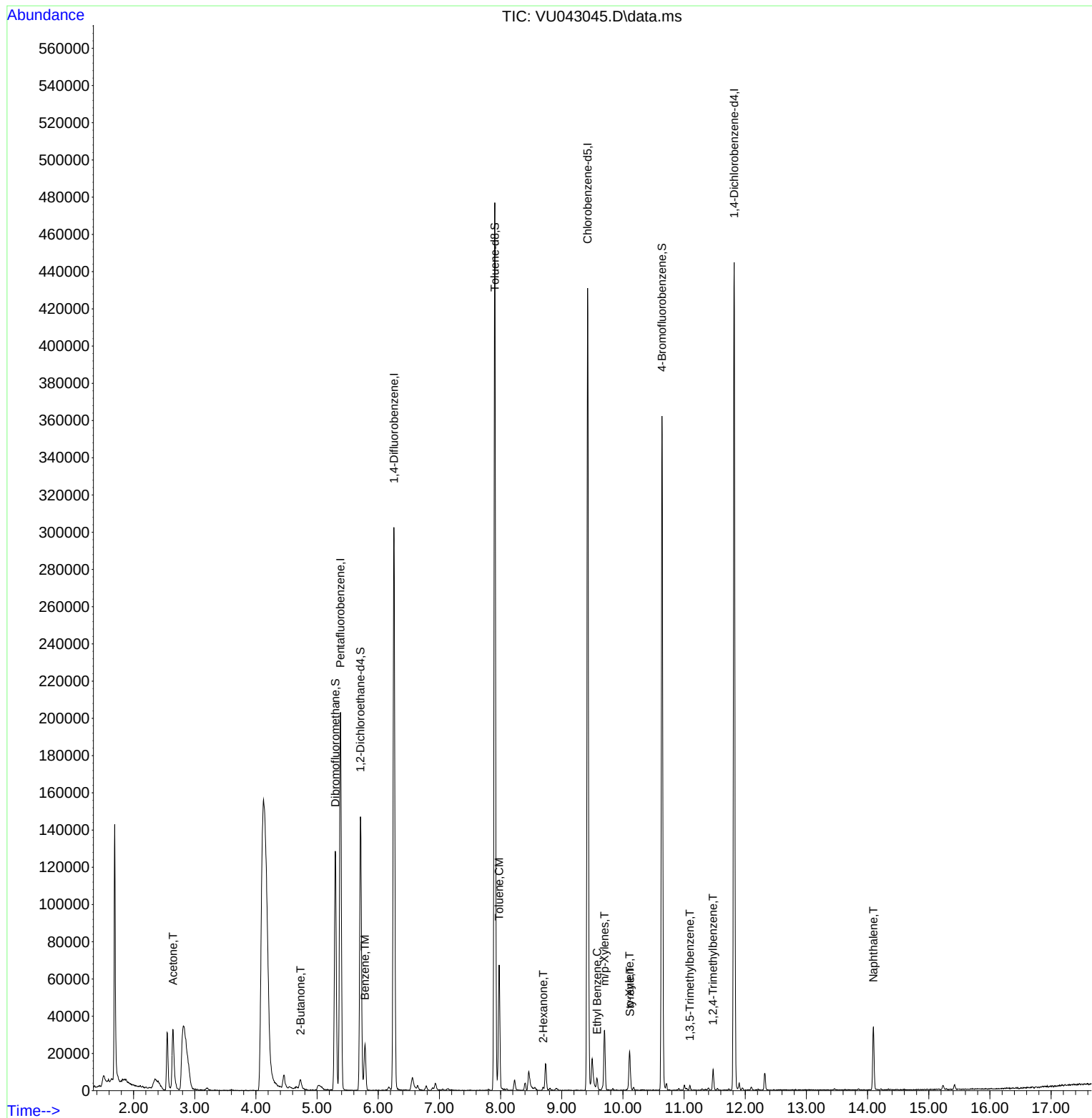
Internal Standards						
1) Pentafluorobenzene	5.382	168	138036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	225836	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	216996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	106173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	114318	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	5.298	113	79490	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
50) Toluene-d8	7.906	98	292150	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.639	95	106037	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
Target Compounds					Qvalue	
16) Acetone	2.645	43	50363	36.62	ug/l	97
25) 2-Butanone	4.729	43	9750	4.63	ug/l	97
40) Benzene	5.784	78	20378	2.98	ug/l	93
52) Toluene	7.976	92	24727	5.83	ug/l	96
59) 2-Hexanone	8.697	43	1257	0.35	ug/l	86
67) Ethyl Benzene	9.578	91	4428	0.53	ug/l #	86
68) m/p-Xylenes	9.700	106	8588	2.76	ug/l	96
69) o-Xylene	10.108	106	4508	1.49	ug/l	90
70) Styrene	10.118	104	2284	0.45	ug/l #	74
80) 1,3,5-Trimethylbenzene	11.095	105	1617	0.26	ug/l	89
84) 1,2,4-Trimethylbenzene	11.475	105	5914	0.92	ug/l	87
95) Naphthalene	14.095	128	27709	6.15	ug/l	99

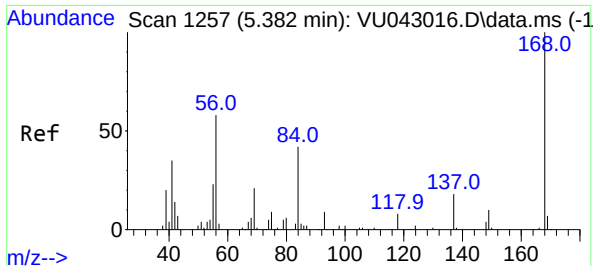
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043045.D
Acq On : 13 Apr 2021 12:46
Operator : SY/MD
Sample : M1952-03 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
30820

Quant Time: Apr 13 14:30:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

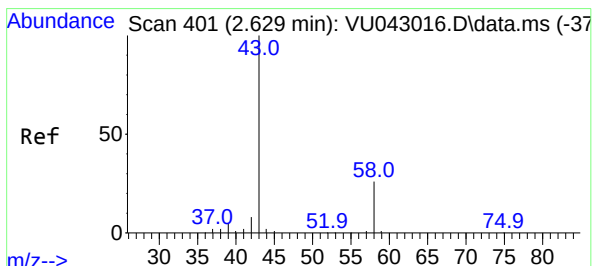
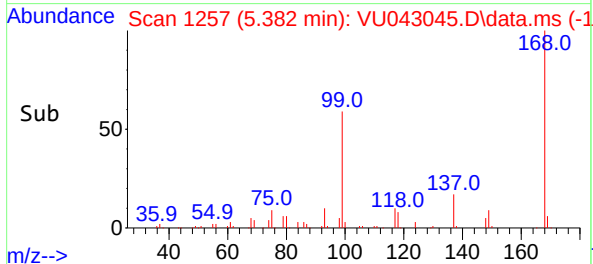
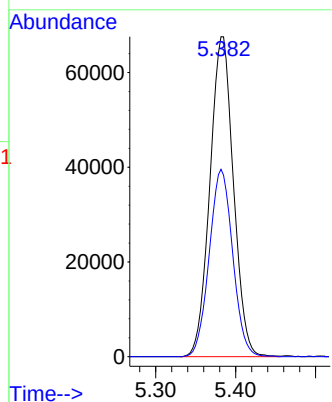
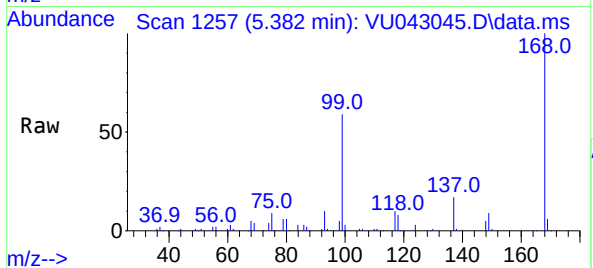




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

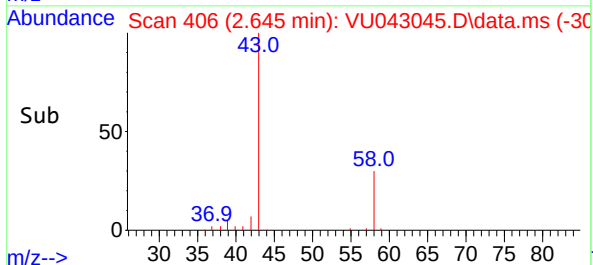
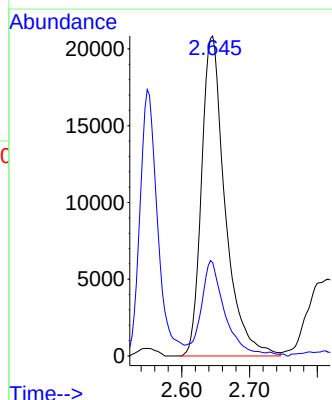
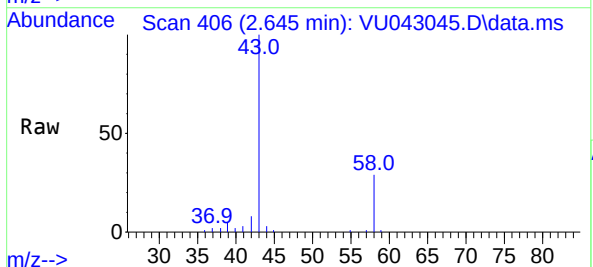
Instrument :
MSVOA_U
ClientSampleId :
30820

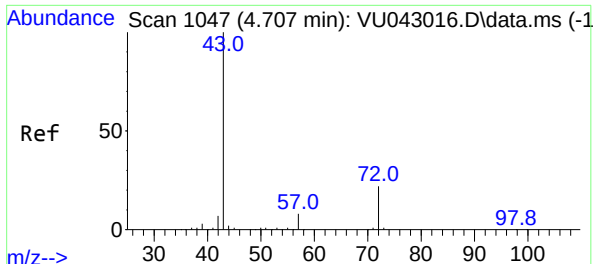
Tgt Ion:168 Resp: 138036
Ion Ratio Lower Upper
168 100
99 58.6 45.0 67.4



#16
Acetone
Concen: 36.62 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.016 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion: 43 Resp: 50363
Ion Ratio Lower Upper
43 100
58 28.6 21.5 32.3

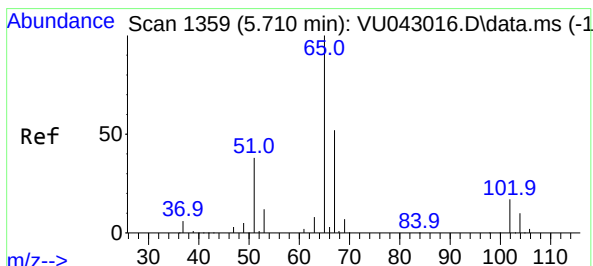
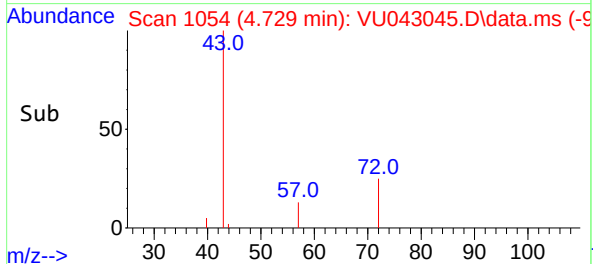
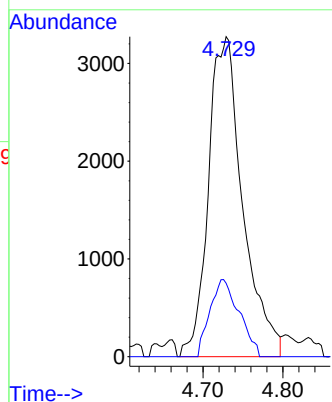
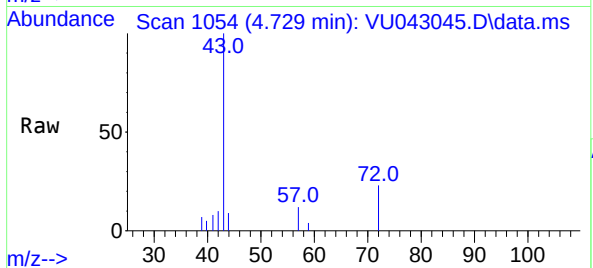




#25
2-Butanone
Concen: 4.63 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.022 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

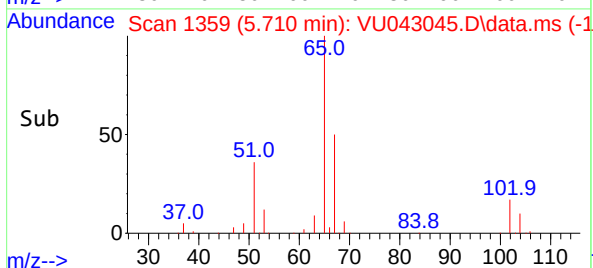
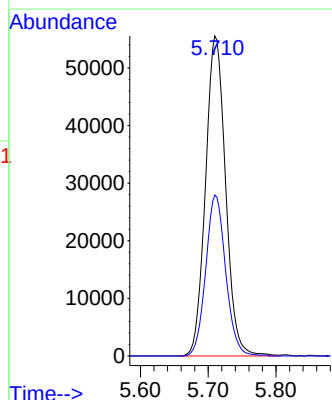
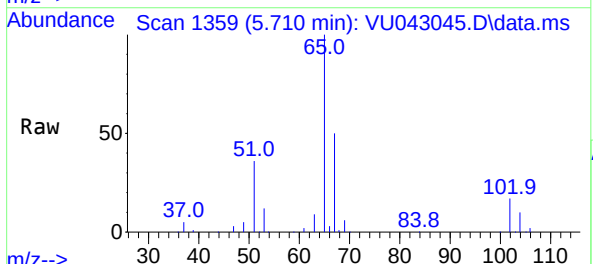
Instrument :
MSVOA_U
ClientSampled :
30820

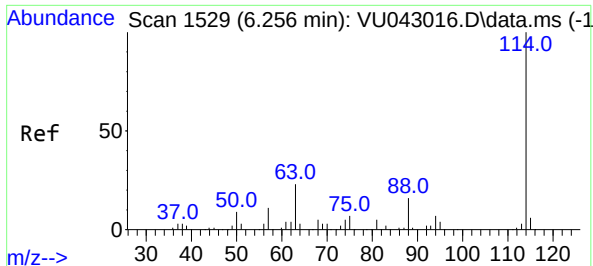
Tgt Ion: 43 Resp: 9750
Ion Ratio Lower Upper
43 100
72 22.9 17.4 26.0



#33
1,2-Dichloroethane-d4
Concen: 49.26 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion: 65 Resp: 114318
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8

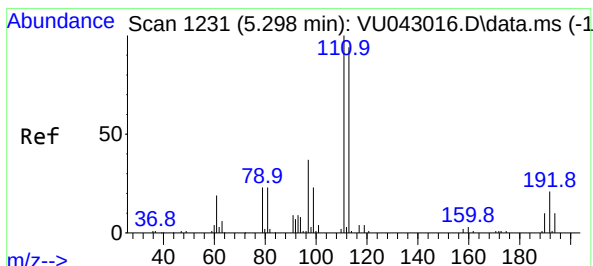
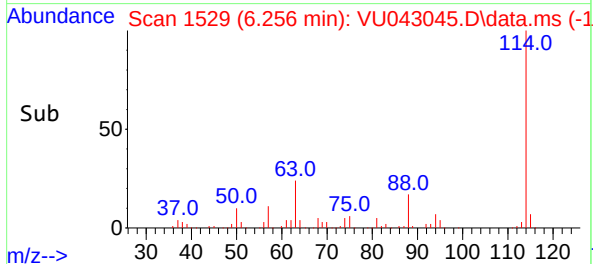
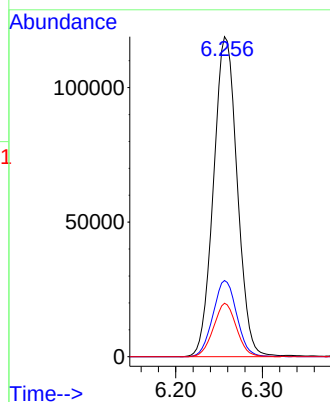
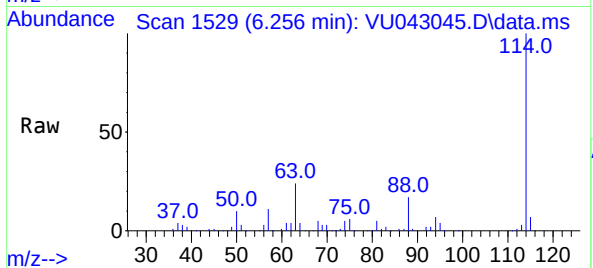




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

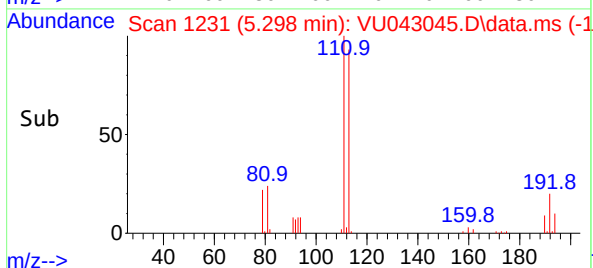
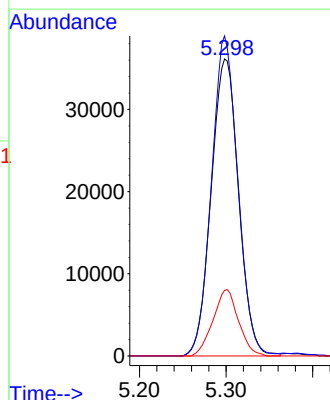
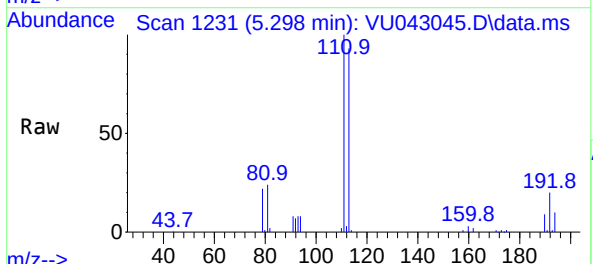
Instrument :
MSVOA_U
ClientSampled :
30820

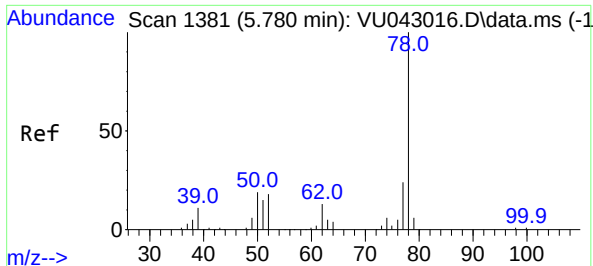
Tgt Ion:114 Resp: 225836
Ion Ratio Lower Upper
114 100
63 23.8 0.0 44.2
88 16.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.84 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion:113 Resp: 79490
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 20.8 17.2 25.8

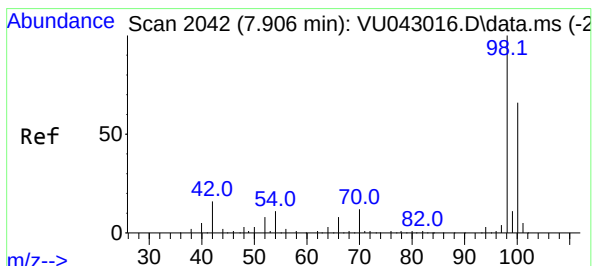
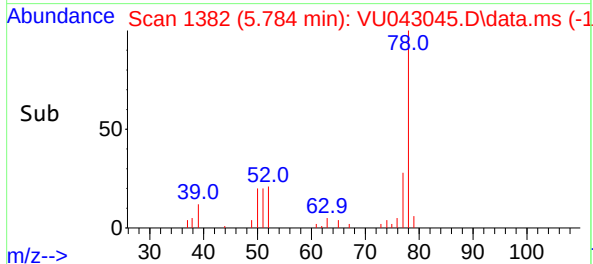
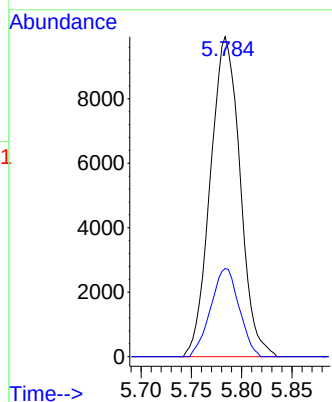
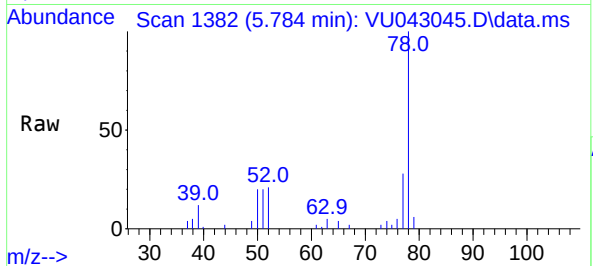




#40
Benzene
Concen: 2.98 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

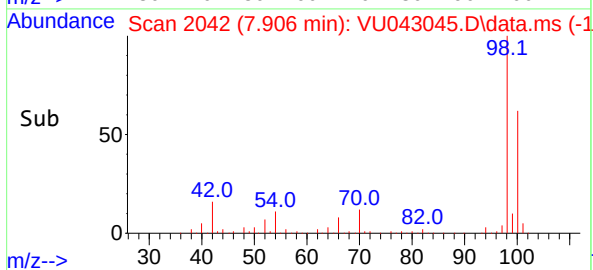
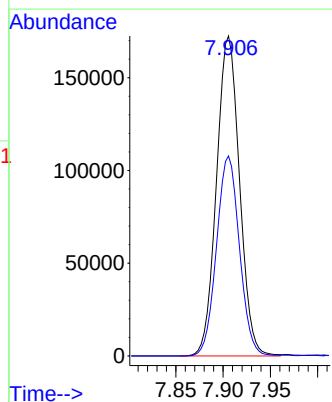
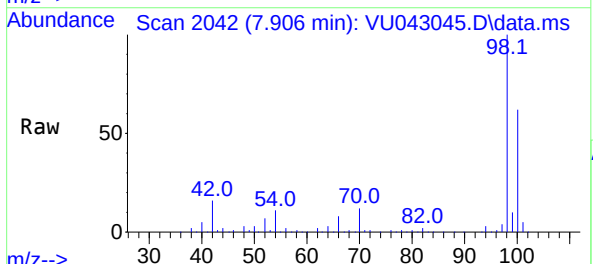
Instrument :
MSVOA_U
ClientSampled :
30820

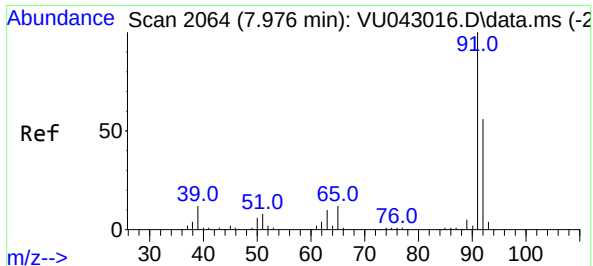
Tgt Ion: 78 Resp: 20378
Ion Ratio Lower Upper
78 100
77 27.6 19.3 28.9



#50
Toluene-d8
Concen: 48.65 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion: 98 Resp: 292150
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2





#52

Toluene

Concen: 5.83 ug/l

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043045.D

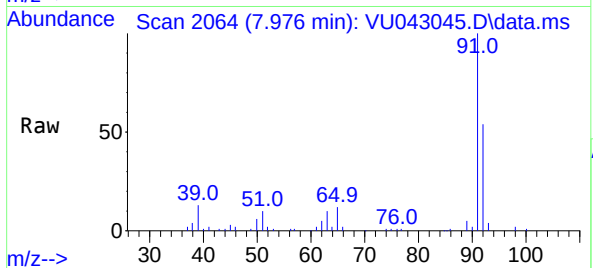
Acq: 13 Apr 2021 12:46

Tgt Ion: 92 Resp: 24727

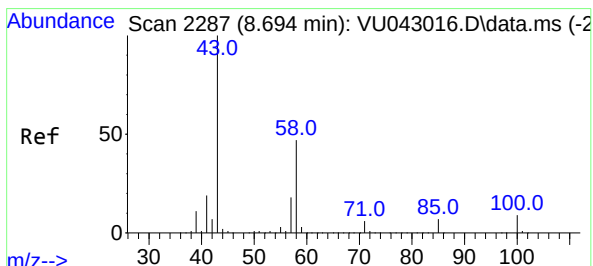
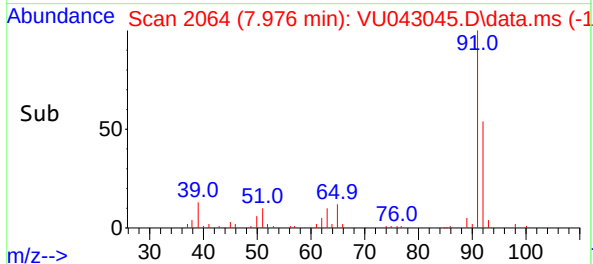
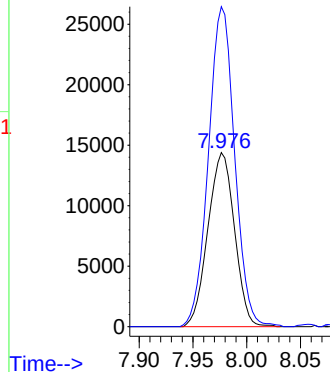
Ion Ratio Lower Upper

92 100

91 181.2 140.3 210.5



Abundance



#59

2-Hexanone

Concen: 0.35 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.003 min

Lab File: VU043045.D

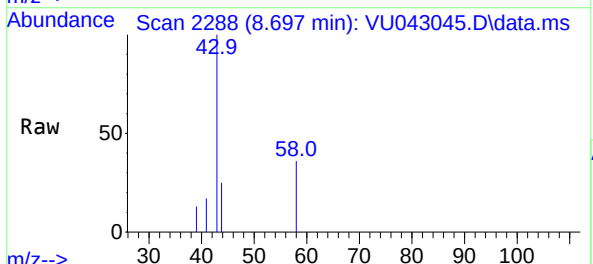
Acq: 13 Apr 2021 12:46

Tgt Ion: 43 Resp: 1257

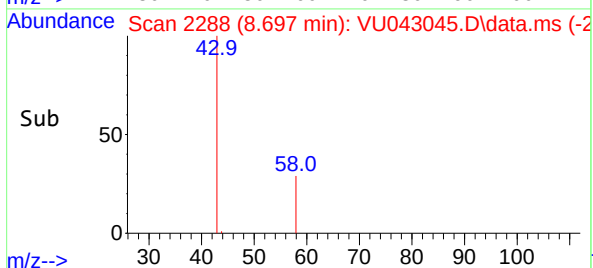
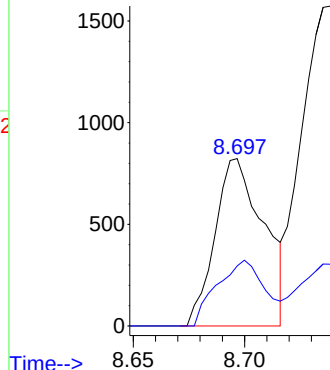
Ion Ratio Lower Upper

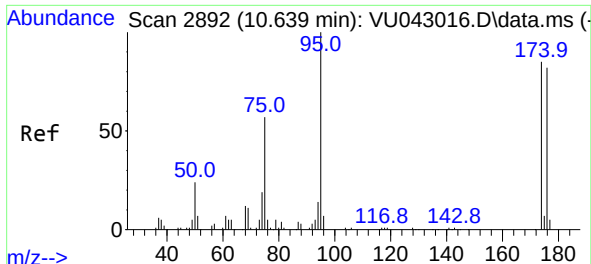
43 100

58 38.6 24.0 72.0



Abundance

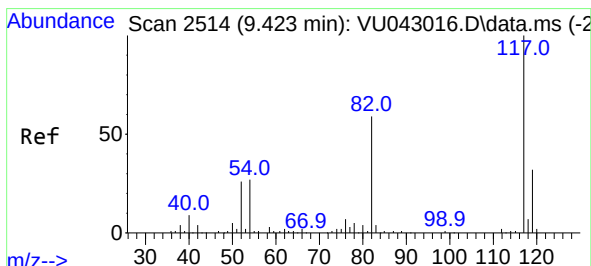
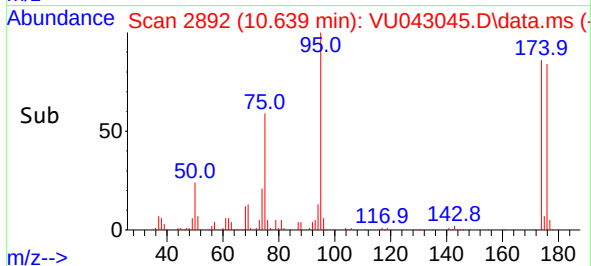
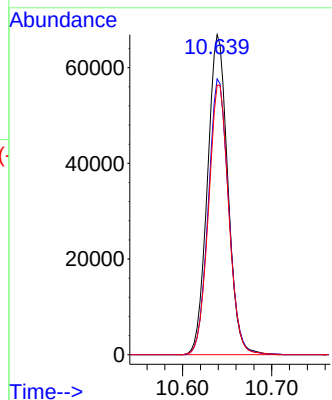
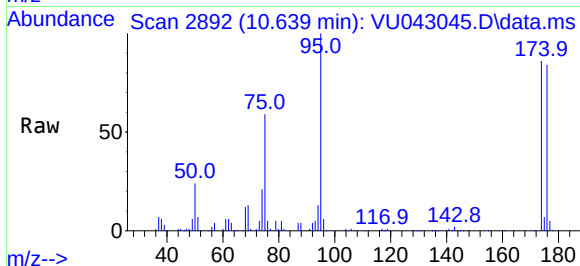




#62
4-Bromofluorobenzene
Concen: 44.10 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

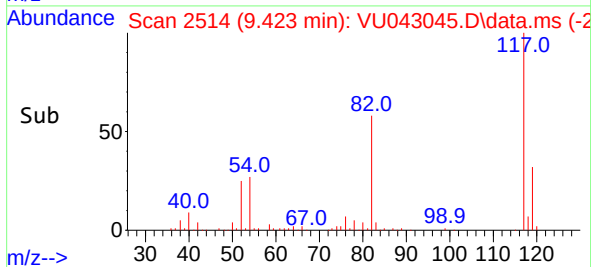
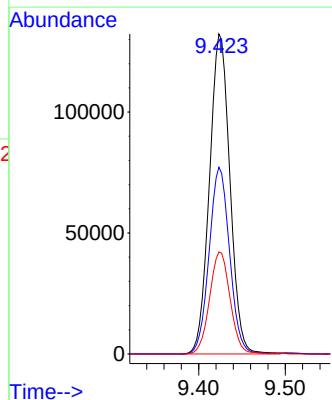
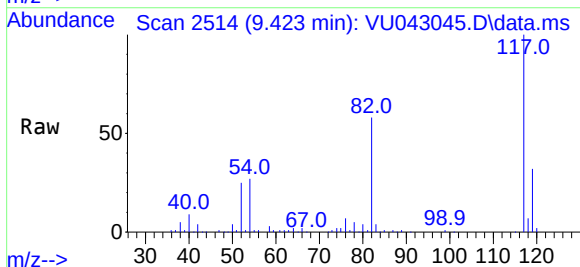
Instrument :
MSVOA_U
ClientSampleId :
30820

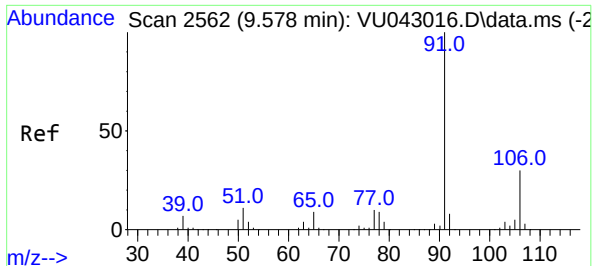
Tgt Ion: 95 Resp: 106037
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 83.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion: 117 Resp: 216996
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.6
119 31.9 25.8 38.8





#67

Ethyl Benzene

Concen: 0.53 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043045.D

Acq: 13 Apr 2021 12:46

Tgt Ion: 91 Resp: 4428

Ion Ratio Lower Upper

91 100

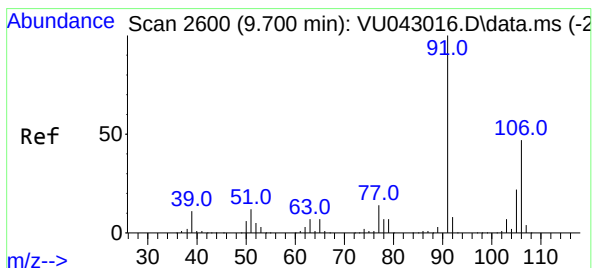
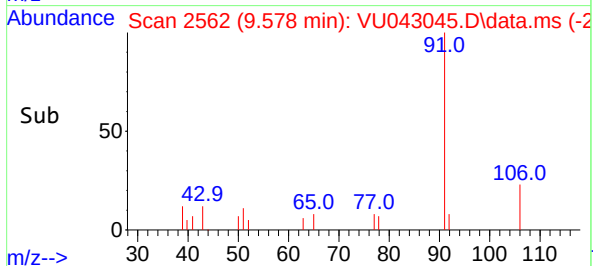
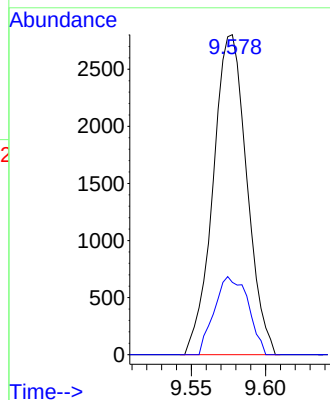
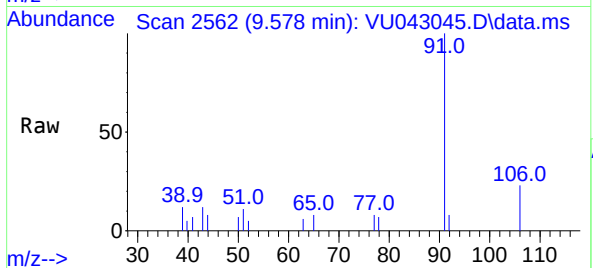
106 22.6 24.1 36.1#

Instrument :

MSVOA_U

ClientSampled :

30820



#68

m/p-Xylenes

Concen: 2.76 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043045.D

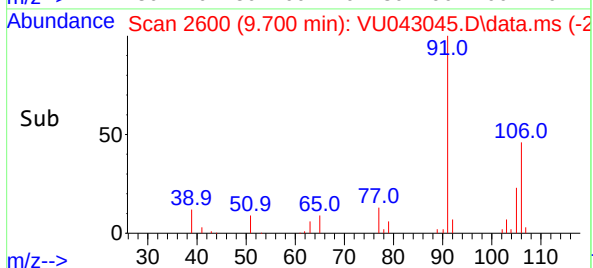
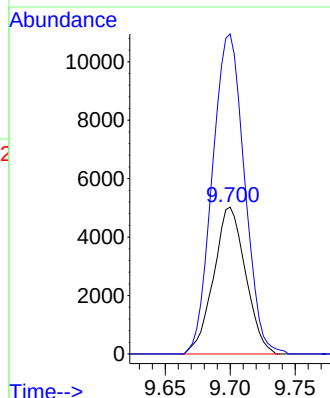
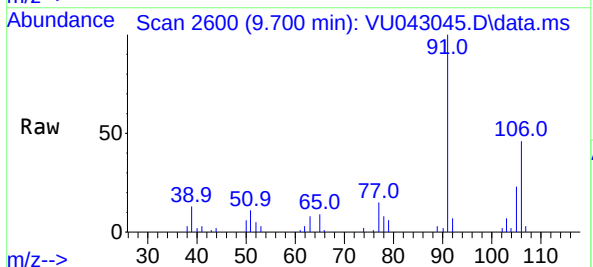
Acq: 13 Apr 2021 12:46

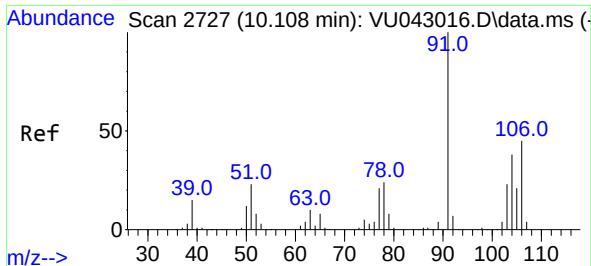
Tgt Ion:106 Resp: 8588

Ion Ratio Lower Upper

106 100

91 218.9 169.9 254.9

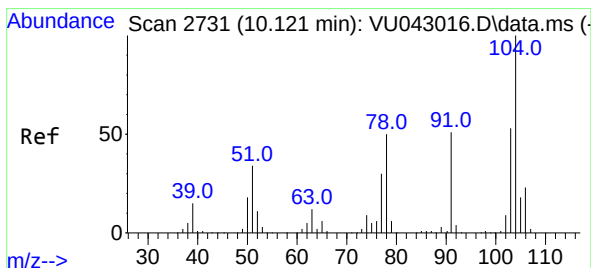
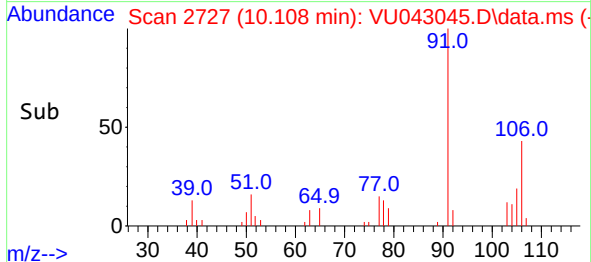
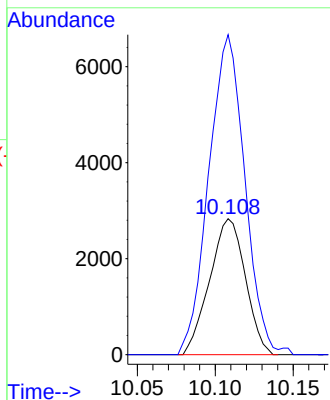
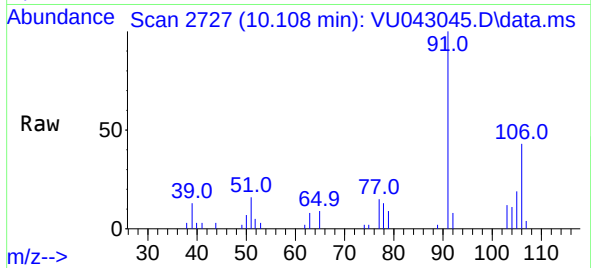




#69
o-Xylene
Concen: 1.49 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

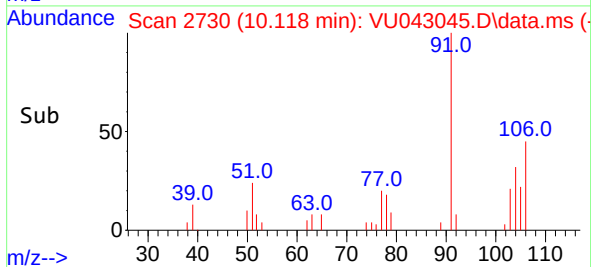
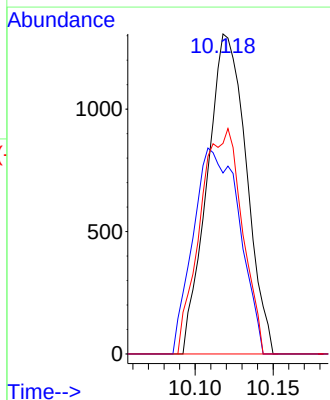
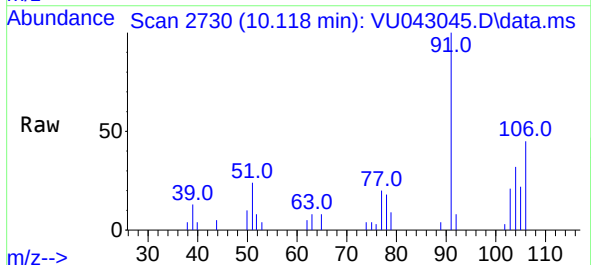
Instrument :
MSVOA_U
ClientSampleId :
30820

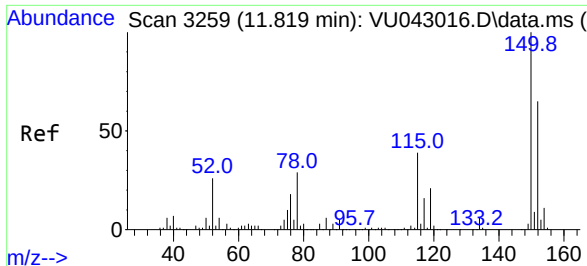
Tgt Ion:106 Resp: 4508
Ion Ratio Lower Upper
106 100
91 237.8 111.2 333.6



#70
Styrene
Concen: 0.45 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion:104 Resp: 2284
Ion Ratio Lower Upper
104 100
78 76.1 44.8 67.2#
103 75.4 45.7 68.5#

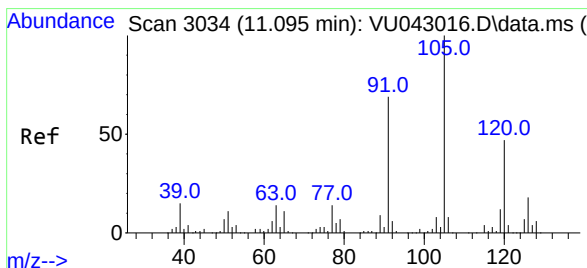
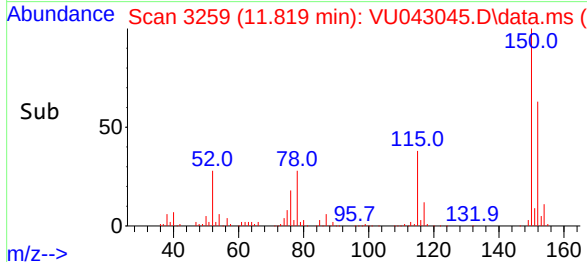
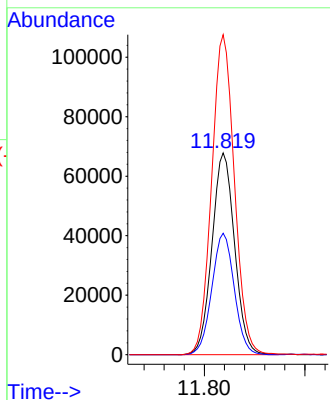
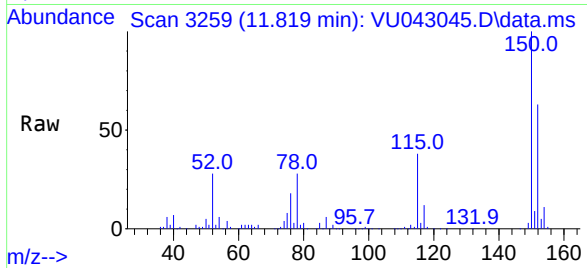




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

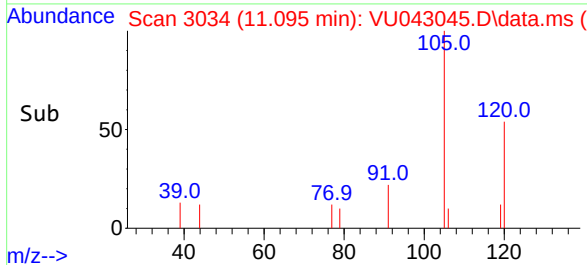
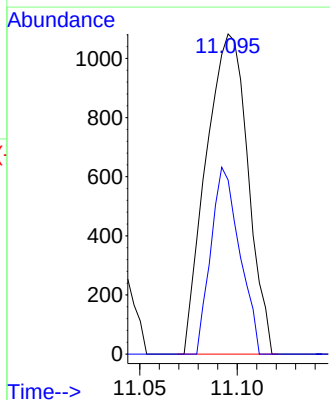
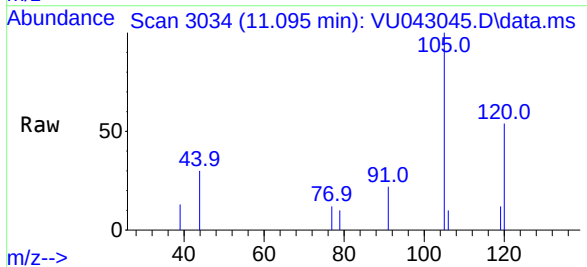
Instrument :
MSVOA_U
ClientSampleId :
30820

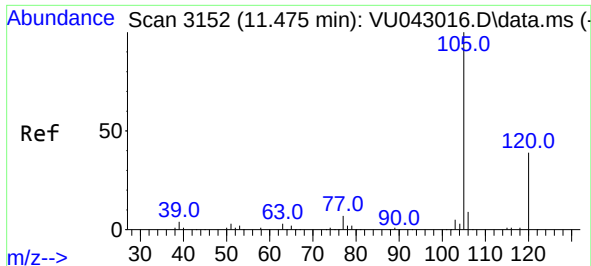
Tgt Ion:152 Resp: 106173
Ion Ratio Lower Upper
152 100
115 59.5 41.5 124.6
150 159.4 0.0 342.4



#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion:105 Resp: 1617
Ion Ratio Lower Upper
105 100
120 40.0 23.8 71.4

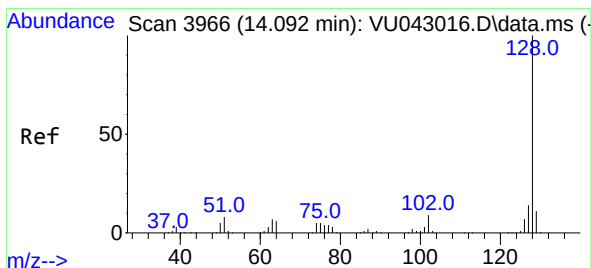
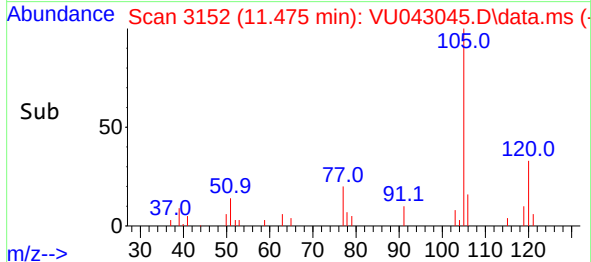
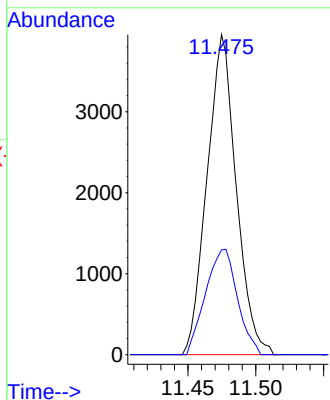
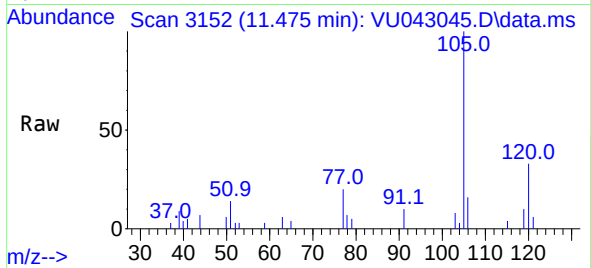




#84
1,2,4-Trimethylbenzene
Concen: 0.92 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Instrument :
MSVOA_U
ClientSampled :
30820

Tgt Ion:105 Resp: 5914
Ion Ratio Lower Upper
105 100
120 35.9 22.3 66.8



#95
Naphthalene
Concen: 6.15 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043045.D
Acq: 13 Apr 2021 12:46

Tgt Ion:128 Resp: 27709
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.3 8.6 13.0

