

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043071.D
 Acq On : 13 Apr 2021 23:29
 Operator : SY/MD
 Sample : M1964-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FS-SB16

Quant Time: Apr 14 05:09:08 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)

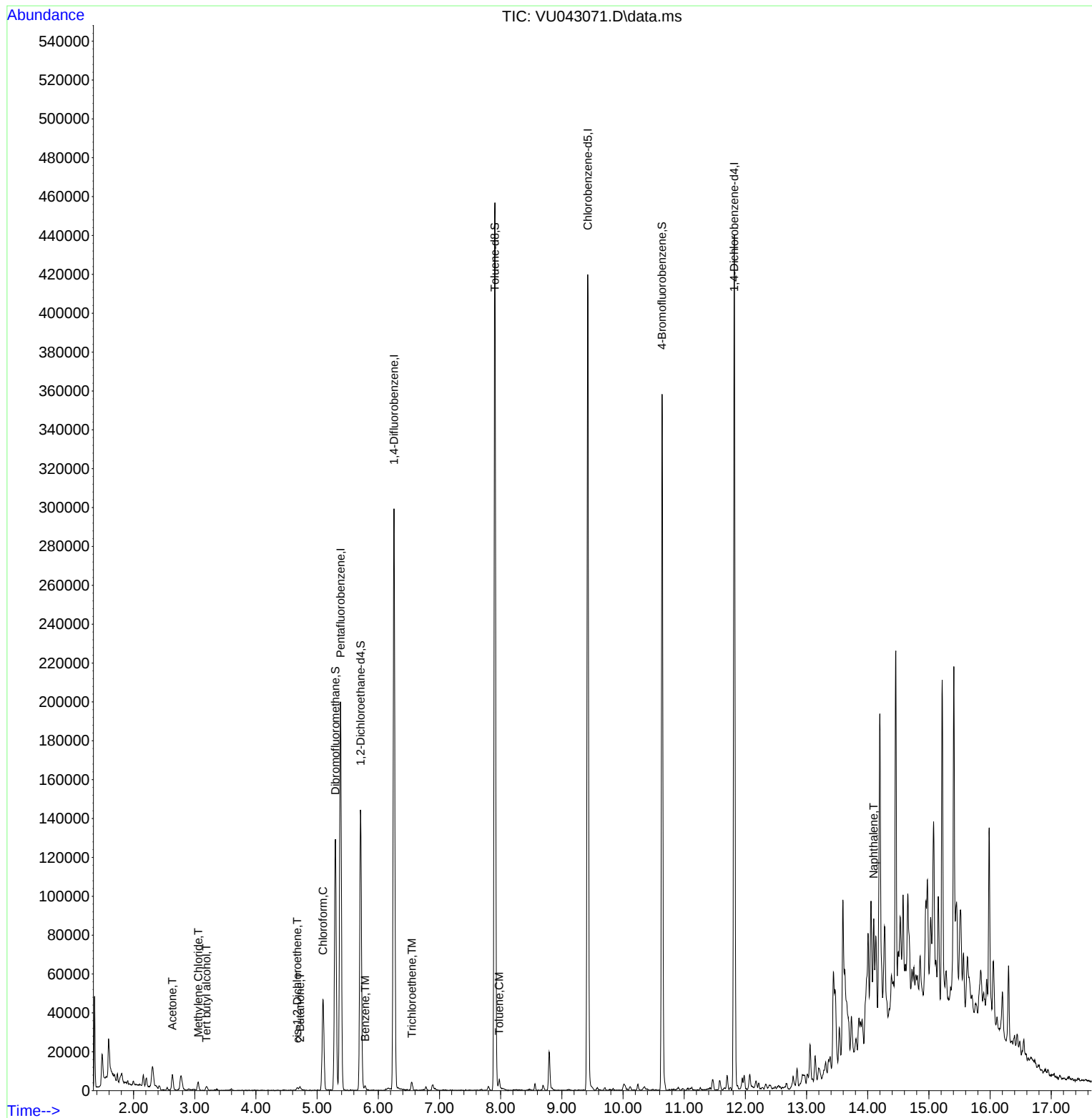
Internal Standards						
1) Pentafluorobenzene	5.382	168	137309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	225653	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	211444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	106025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	111666	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
35) Dibromofluoromethane	5.298	113	78942	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
50) Toluene-d8	7.906	98	278234	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
62) 4-Bromofluorobenzene	10.639	95	104080	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						Qvalue
11) Tert butyl alcohol	3.192	59	2452	4.12	ug/l	99
16) Acetone	2.633	43	9777	6.90	ug/l	96
20) Methylene Chloride	3.057	84	1835	1.12	ug/l	98
25) 2-Butanone	4.719	43	3003	1.43	ug/l	91
27) cis-1,2-Dichloroethene	4.674	96	787	0.46	ug/l	40
30) Chloroform	5.096	83	38464	12.04	ug/l	90
40) Benzene	5.784	78	1780	0.26	ug/l #	90
44) Trichloroethene	6.549	130	1140	0.66	ug/l	81
52) Toluene	7.977	92	1621	0.38	ug/l	96
95) Naphthalene	14.095	128	7600	3.68	ug/l	96

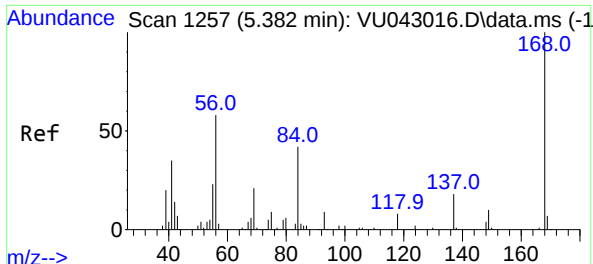
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 05:09:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

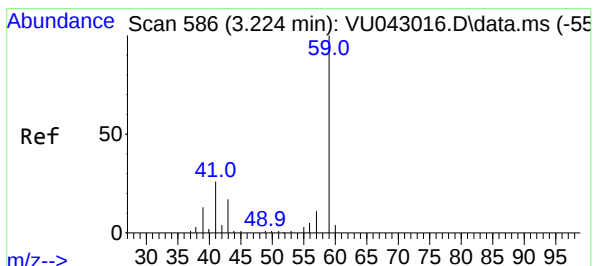
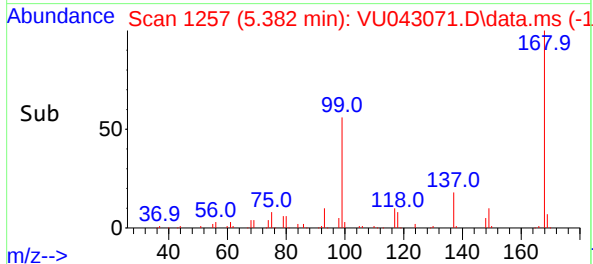
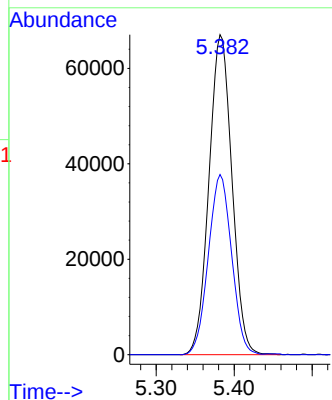
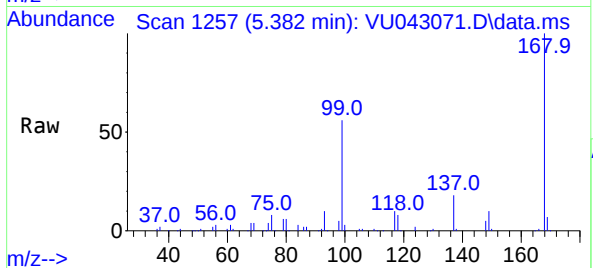




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

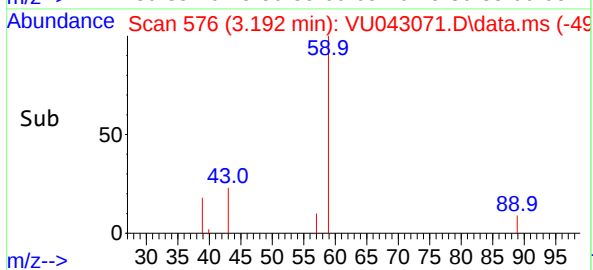
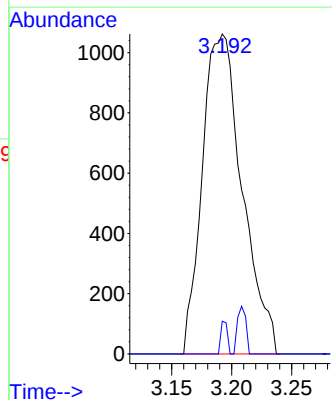
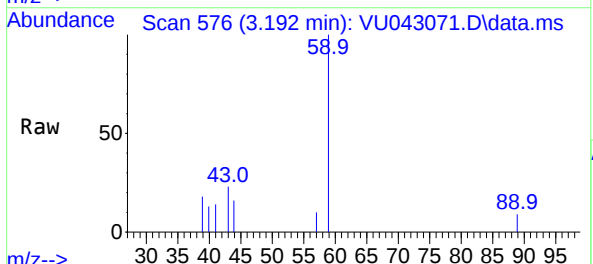
Instrument :
MSVOA_U
ClientSampleId :
FS-SB16

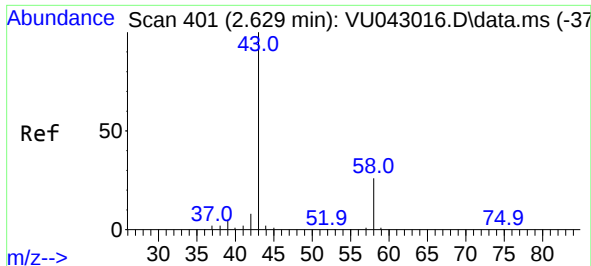
Tgt Ion:168 Resp: 137309
Ion Ratio Lower Upper
168 100
99 56.3 45.0 67.4



#11
Tert butyl alcohol
Concen: 4.12 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion: 59 Resp: 2452
Ion Ratio Lower Upper
59 100
57 1.7 1.6 2.4

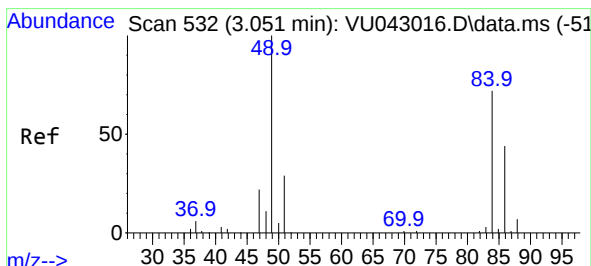
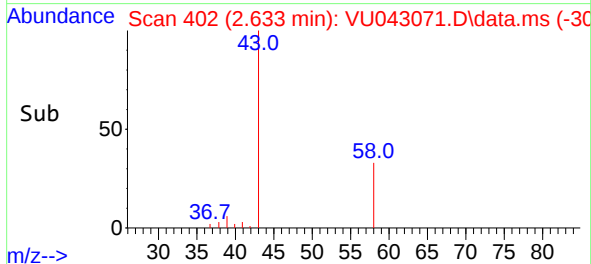
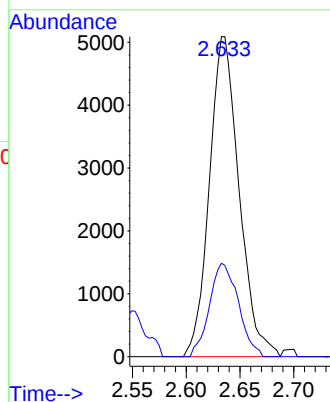
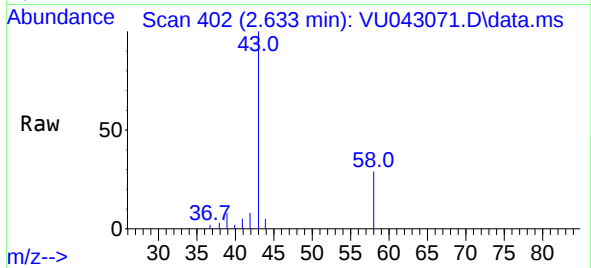




#16
Acetone
Concen: 6.90 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

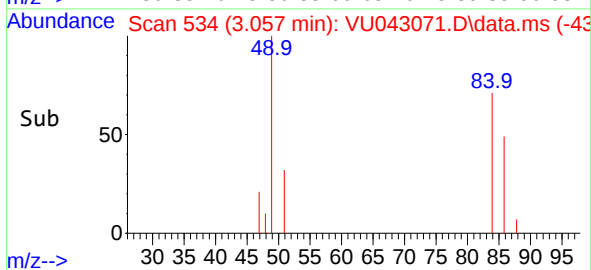
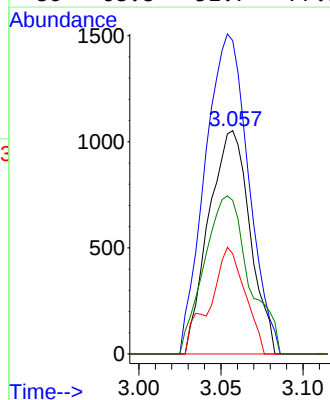
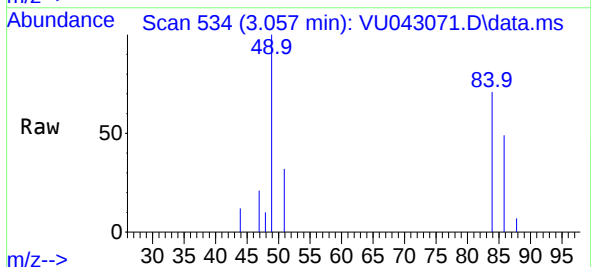
Instrument :
MSVOA_U
ClientSampleId :
FS-SB16

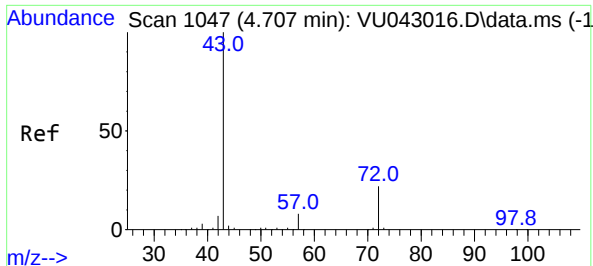
Tgt Ion: 43 Resp: 9777
Ion Ratio Lower Upper
43 100
58 29.2 21.5 32.3



#20
Methylene Chloride
Concen: 1.12 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion: 84 Resp: 1835
Ion Ratio Lower Upper
84 100
49 140.3 112.6 169.0
51 44.9 33.7 50.5
86 68.8 51.7 77.5

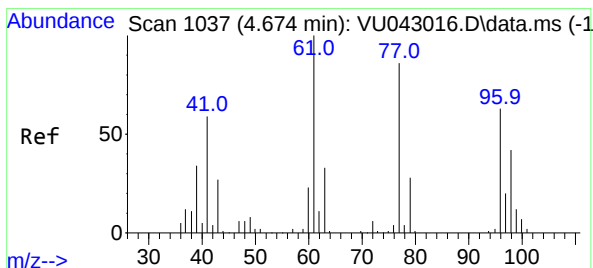
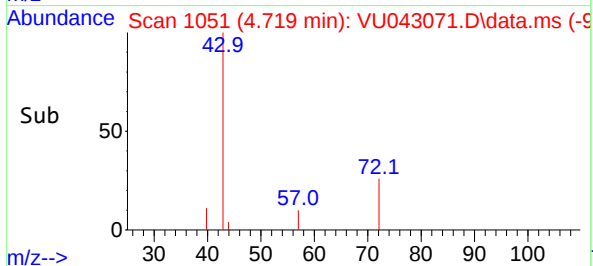
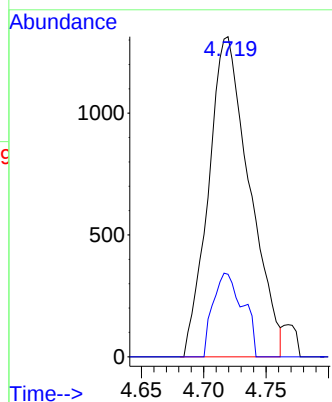
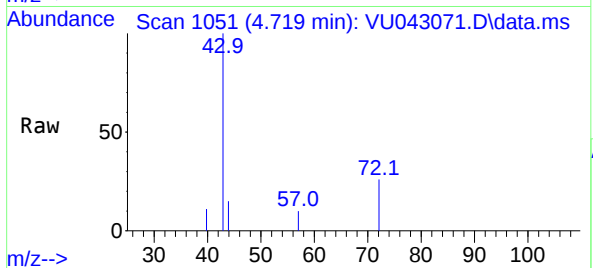




#25
2-Butanone
Concen: 1.43 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

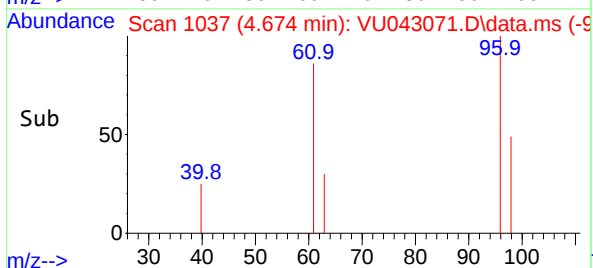
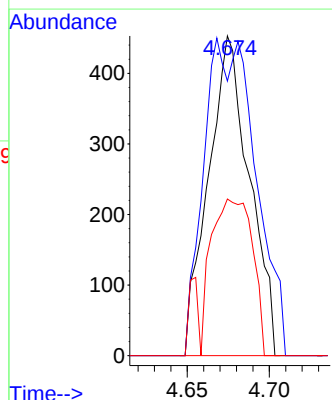
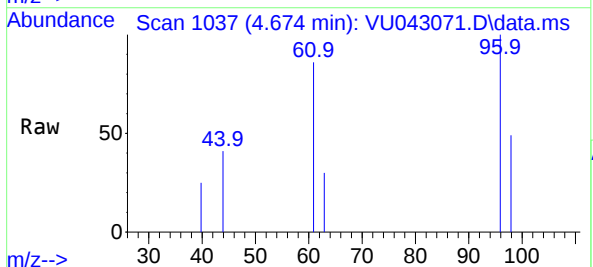
Instrument :
MSVOA_U
ClientSampled :
FS-SB16

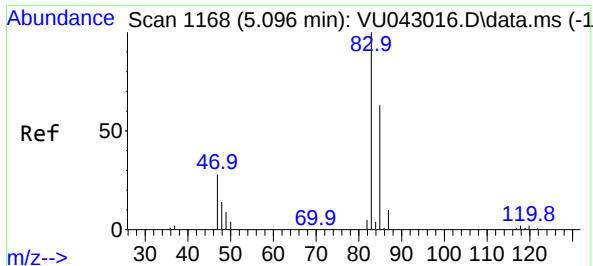
Tgt Ion: 43 Resp: 3003
Ion Ratio Lower Upper
43 100
72 25.8 17.4 26.0



#27
cis-1,2-Dichloroethene
Concen: 0.46 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion: 96 Resp: 787
Ion Ratio Lower Upper
96 100
61 60.4 0.0 322.2
98 49.2 0.0 128.6



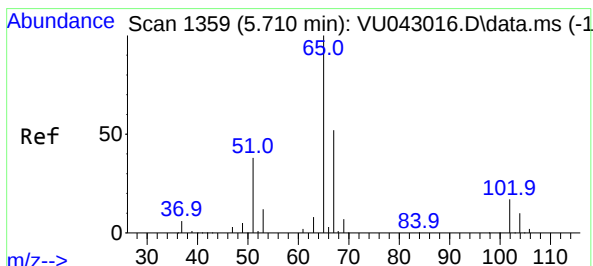
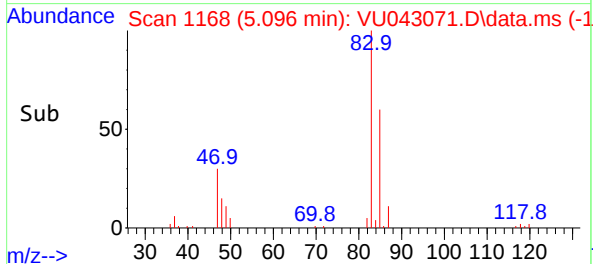
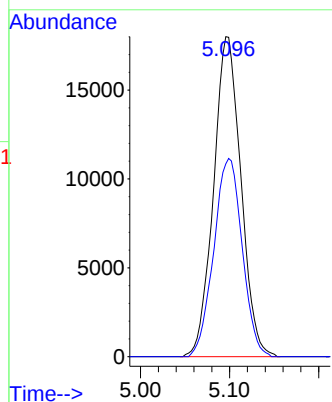
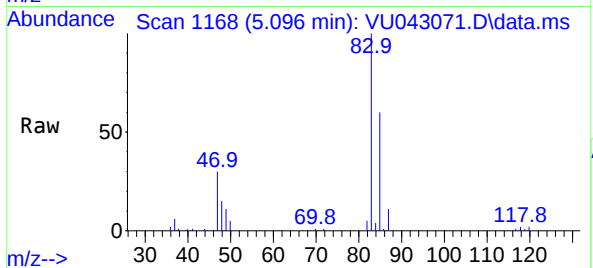


#30

Chloroform
Concen: 12.04 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Instrument :
MSVOA_U
ClientSampleId :
FS-SB16

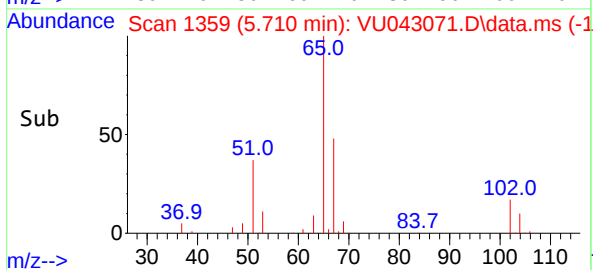
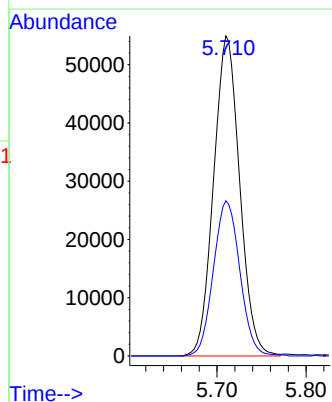
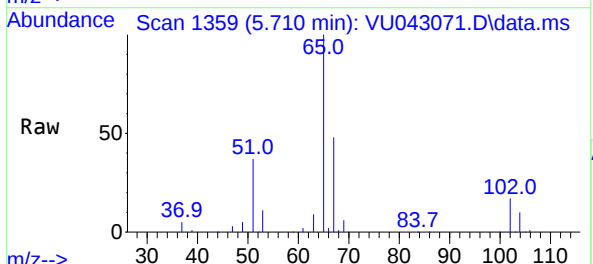
Tgt Ion: 83 Resp: 38464
Ion Ratio Lower Upper
83 100
85 60.3 54.6 81.8

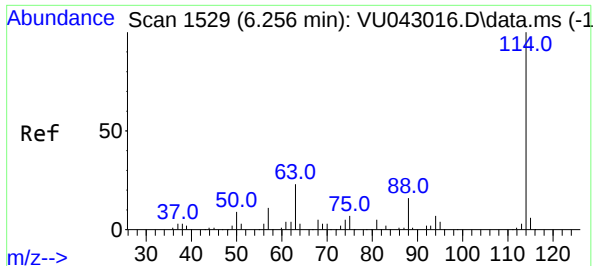


#33

1,2-Dichloroethane-d4
Concen: 48.38 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion: 65 Resp: 111666
Ion Ratio Lower Upper
65 100
67 49.2 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: VU043071.D

Acq: 13 Apr 2021 23:29

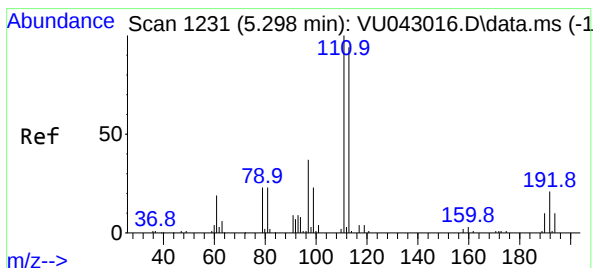
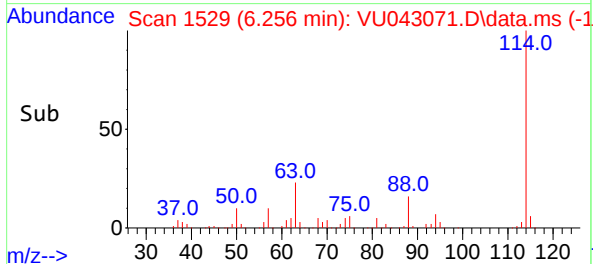
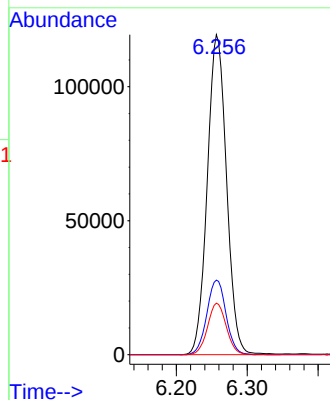
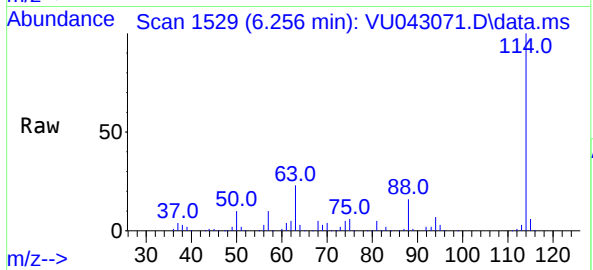
Tgt Ion:114 Resp: 225653

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.2

88 16.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.56 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043071.D

Acq: 13 Apr 2021 23:29

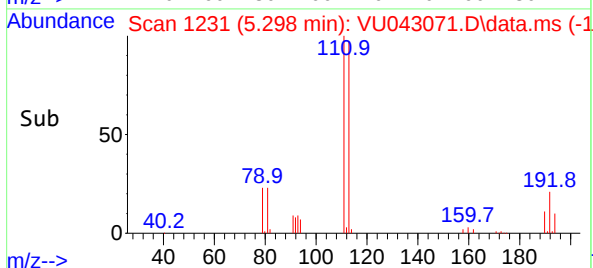
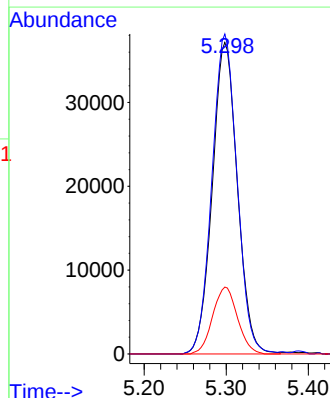
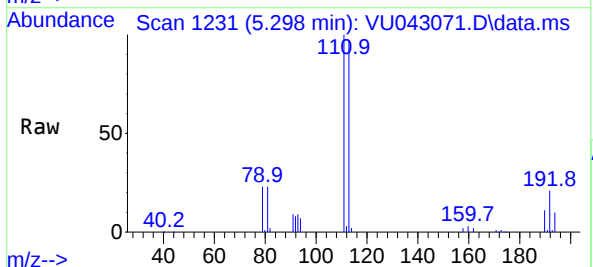
Tgt Ion:113 Resp: 78942

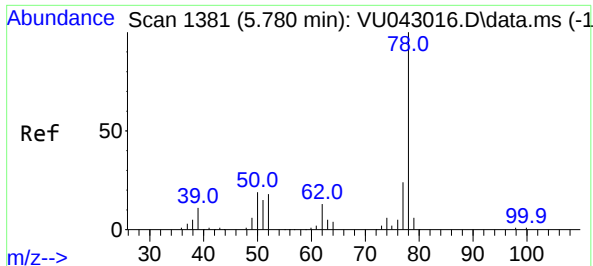
Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 21.2 17.2 25.8

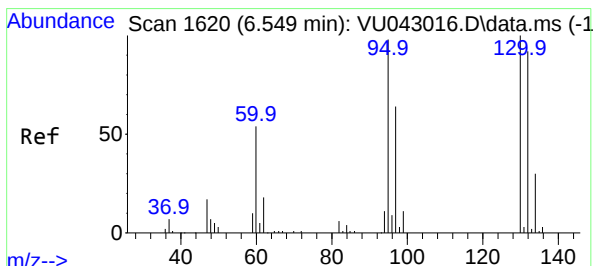
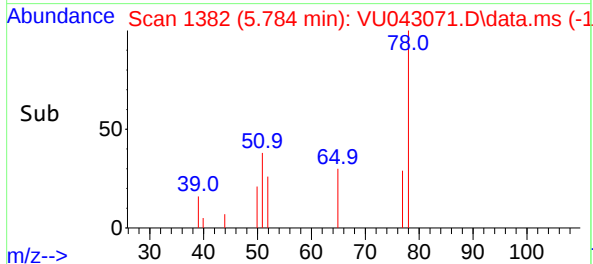
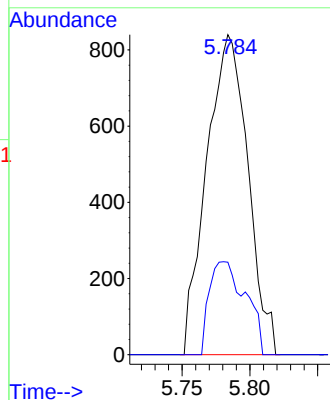
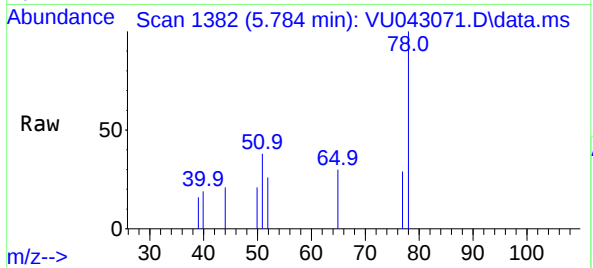




#40
Benzene
Concen: 0.26 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

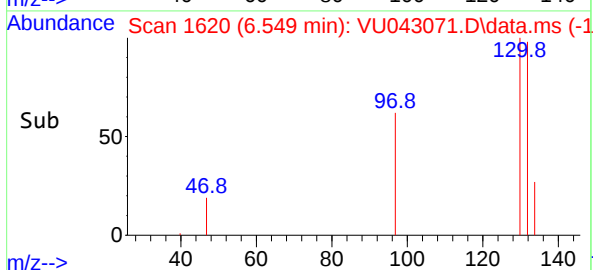
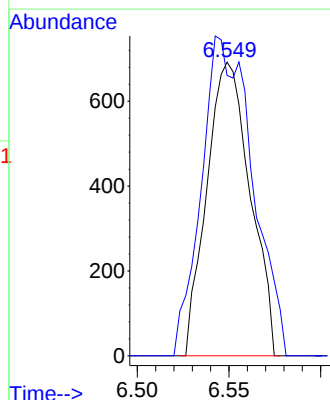
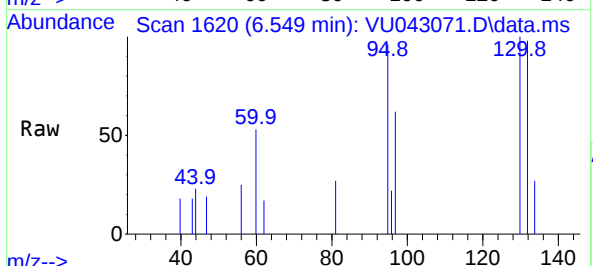
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FS-SB16

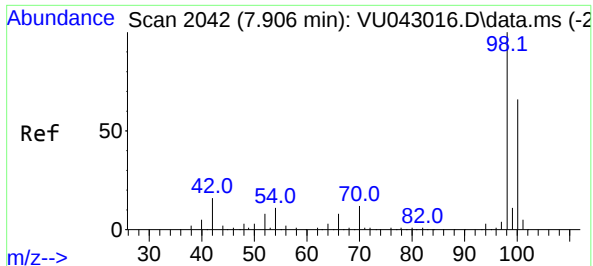
Tgt Ion: 78 Resp: 1780
Ion Ratio Lower Upper
78 100
77 28.9 19.3 28.9#



#44
Trichloroethene
Concen: 0.66 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion:130 Resp: 1140
Ion Ratio Lower Upper
130 100
95 80.2 0.0 197.8

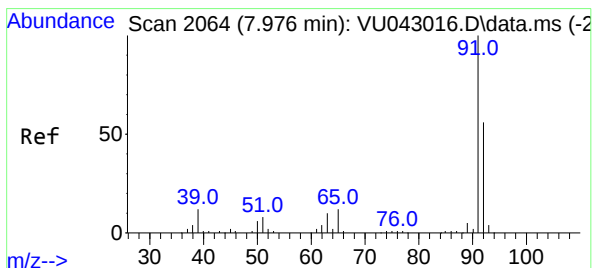
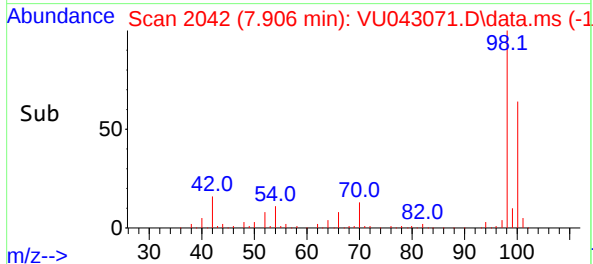
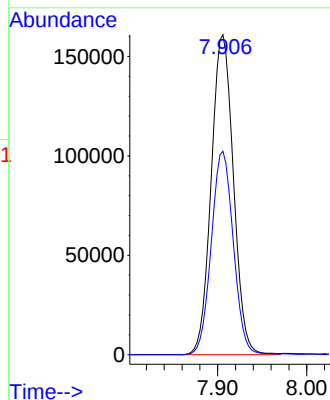
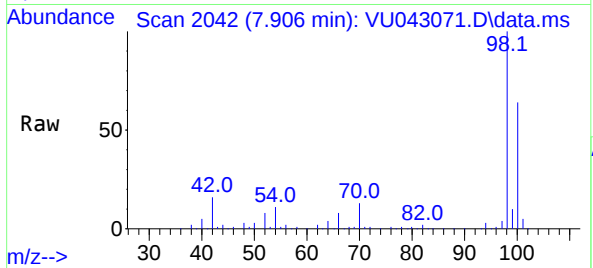




#50
Toluene-d8
Concen: 46.37 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

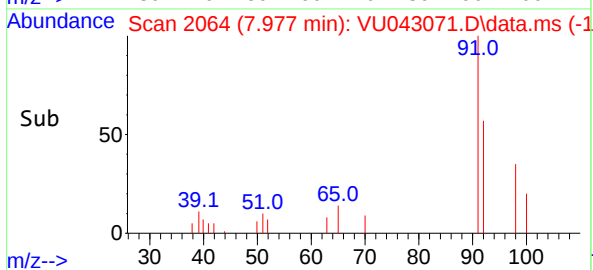
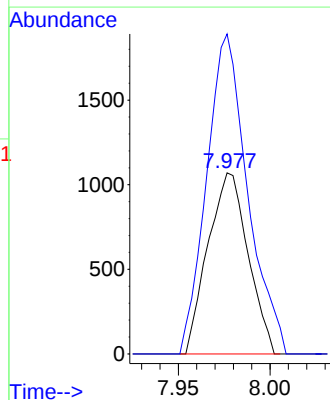
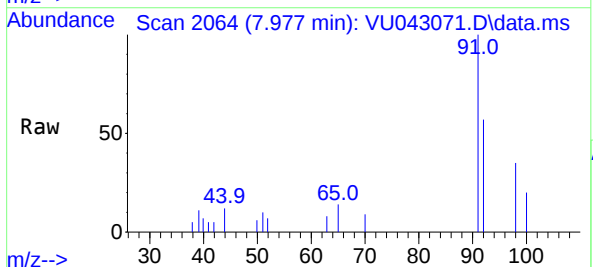
Instrument :
MSVOA_U
ClientSampleId :
FS-SB16

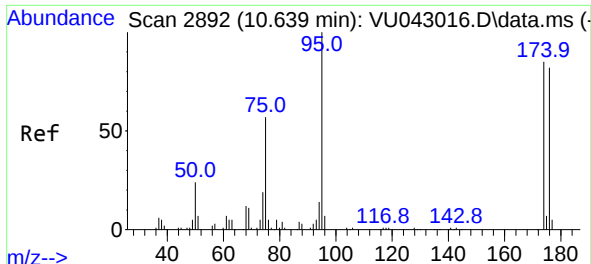
Tgt Ion: 98 Resp: 278234
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#52
Toluene
Concen: 0.38 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.001 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion: 92 Resp: 1621
Ion Ratio Lower Upper
92 100
91 180.9 140.3 210.5

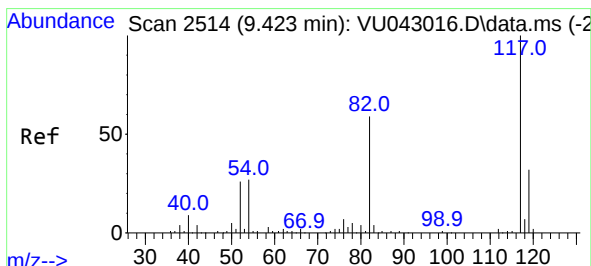
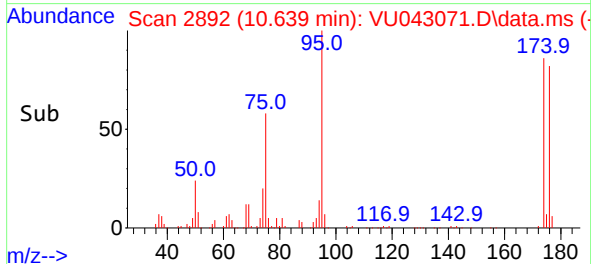
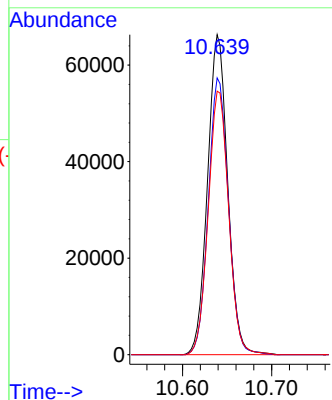
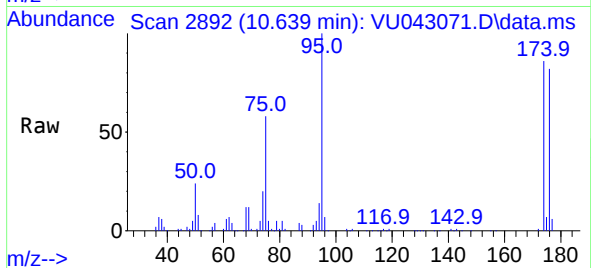




#62
4-Bromofluorobenzene
Concen: 43.32 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

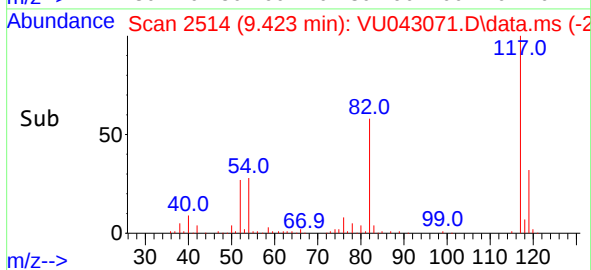
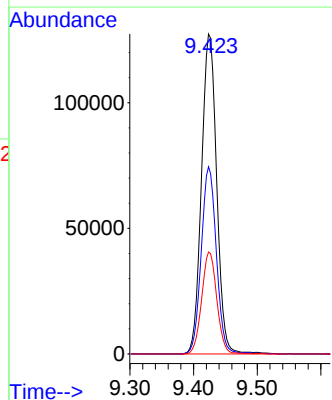
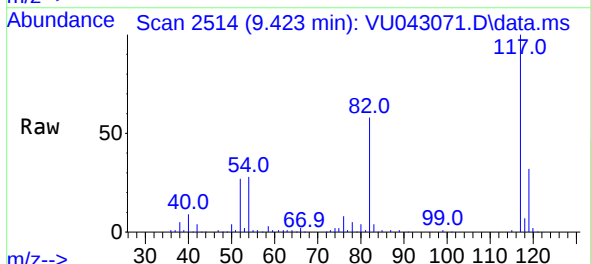
Instrument :
MSVOA_U
ClientSampleId :
FS-SB16

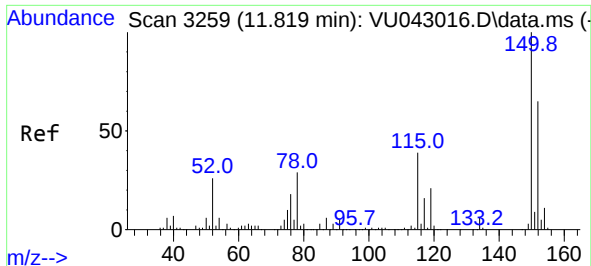
Tgt Ion: 95 Resp: 104080
Ion Ratio Lower Upper
95 100
174 86.4 0.0 172.2
176 83.6 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion: 117 Resp: 211444
Ion Ratio Lower Upper
117 100
82 58.5 45.8 68.6
119 31.9 25.8 38.8

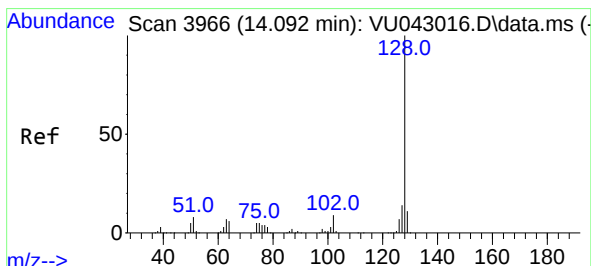
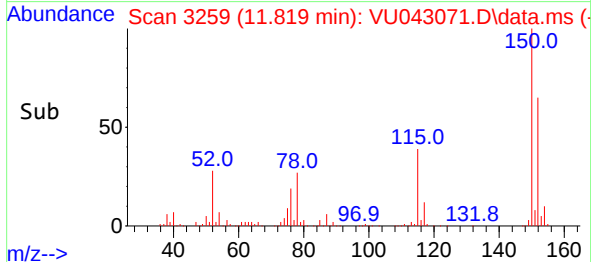
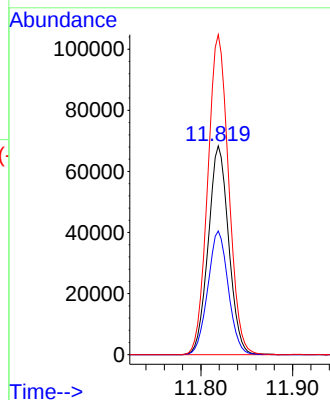
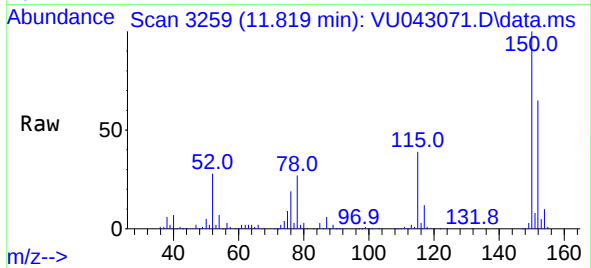




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Instrument :
MSVOA_U
ClientSampleId :
FS-SB16

Tgt Ion:152 Resp: 106025
Ion Ratio Lower Upper
152 100
115 59.4 41.5 124.6
150 156.6 0.0 342.4



#95
Naphthalene
Concen: 3.68 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043071.D
Acq: 13 Apr 2021 23:29

Tgt Ion:128 Resp: 7600
Ion Ratio Lower Upper
128 100
127 15.7 10.8 16.2
129 11.7 8.6 13.0

