

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043053.D
 Acq On : 13 Apr 2021 15:50
 Operator : SY/MD
 Sample : M1983-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31019

Quant Time: Apr 14 03:51:06 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)

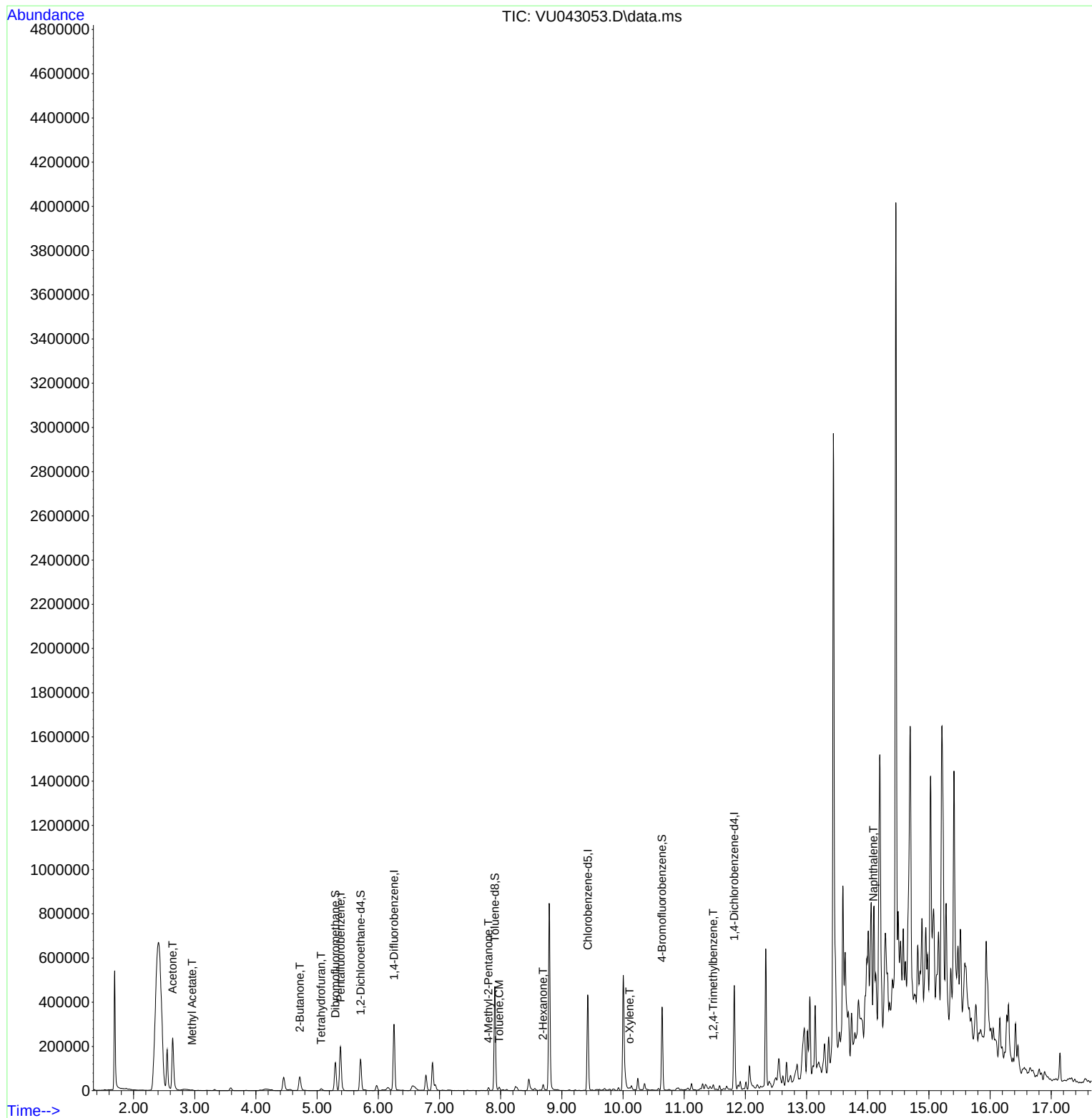
Internal Standards						
1) Pentafluorobenzene	5.382	168	134454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	224257	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	215189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	112002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	110277	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.298	113	77193	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	7.906	98	281160	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	10.639	95	109649	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	319527	240.20	ug/l	100
18) Methyl Acetate	2.957	43	3377	1.20	ug/l #	88
25) 2-Butanone	4.716	43	98592	48.02	ug/l	100
29) Tetrahydrofuran	5.067	42	6324	4.89	ug/l #	80
51) 4-Methyl-2-Pentanone	7.800	43	10423	2.43	ug/l	93
52) Toluene	7.976	92	3929	0.93	ug/l	93
59) 2-Hexanone	8.693	43	16493	4.67	ug/l	95
69) o-Xylene	10.105	106	1126	0.37	ug/l	87
84) 1,2,4-Trimethylbenzene	11.475	105	7055	1.03	ug/l	77
95) Naphthalene	14.092	128	91932	13.47	ug/l #	92

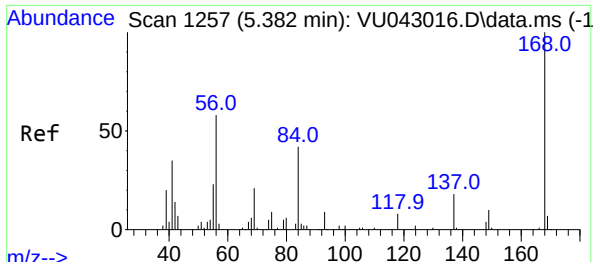
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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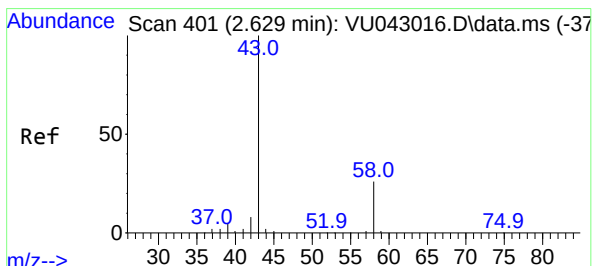
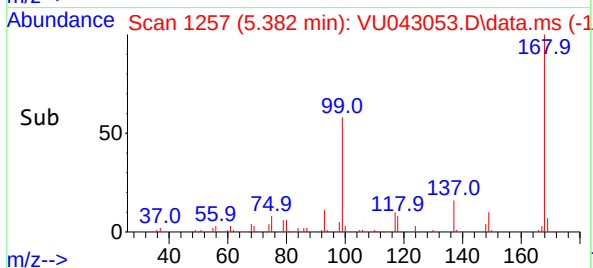
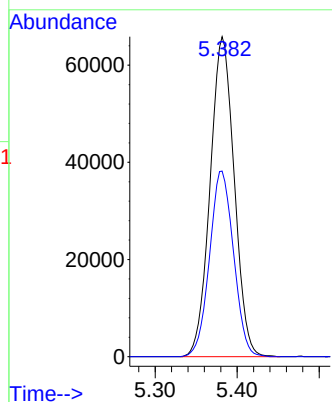
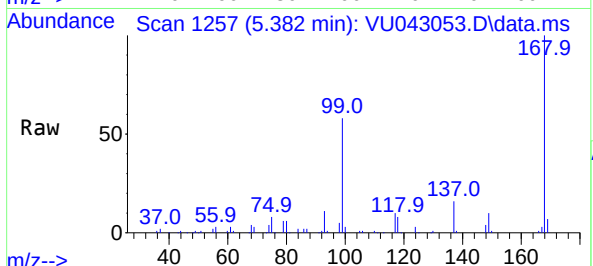




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

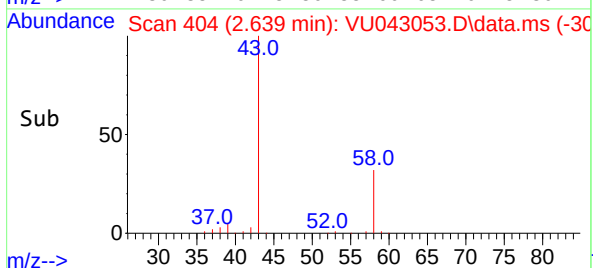
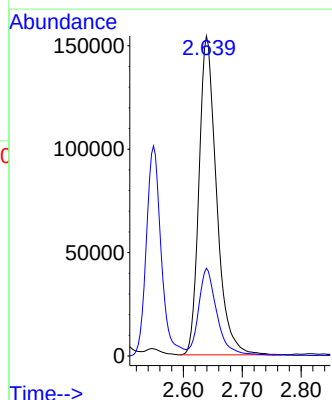
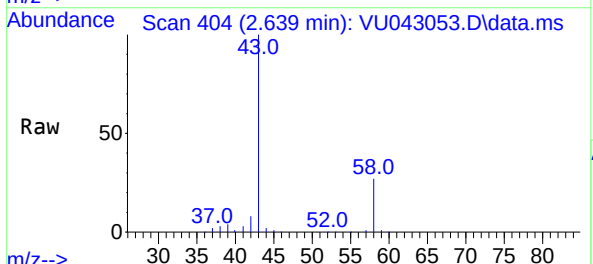
Instrument :
MSVOA_U
ClientSampleId :
31019

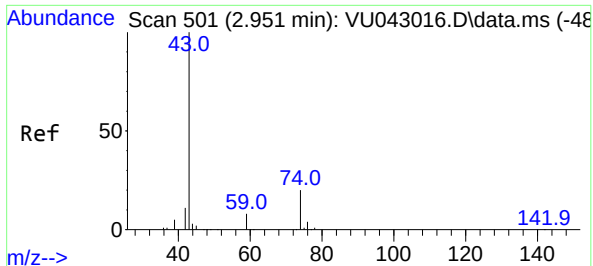
Tgt Ion:168 Resp: 134454
Ion Ratio Lower Upper
168 100
99 58.0 45.0 67.4



#16
Acetone
Concen: 240.20 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion: 43 Resp: 319527
Ion Ratio Lower Upper
43 100
58 27.2 21.5 32.3

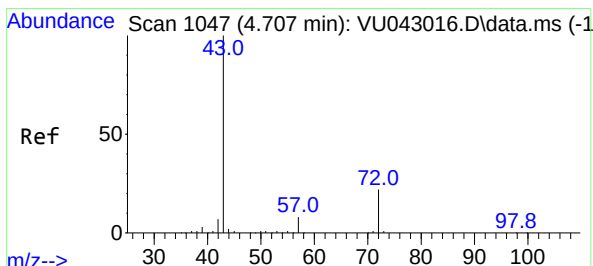
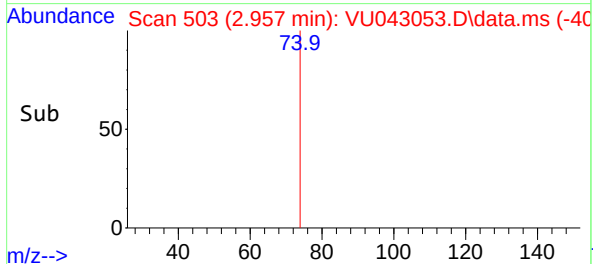
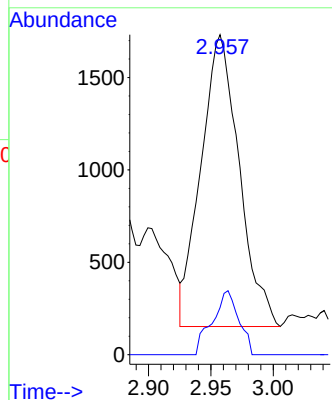
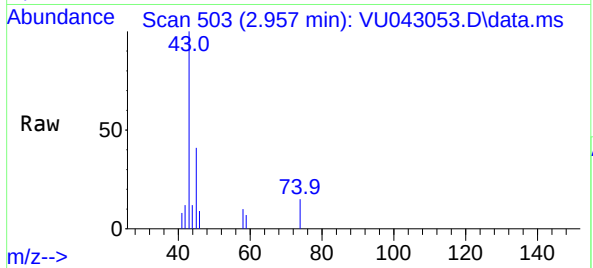




#18
Methyl Acetate
Concen: 1.20 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

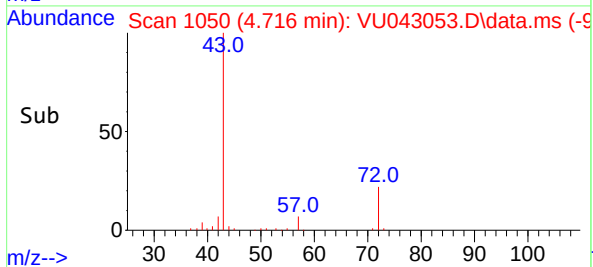
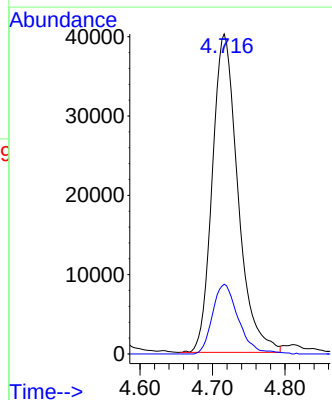
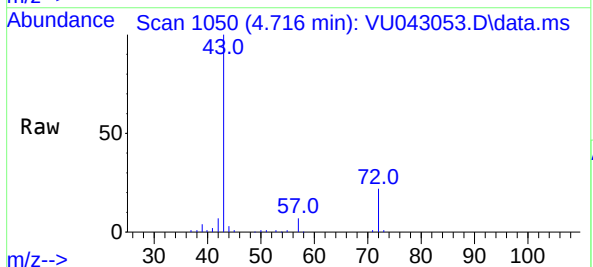
Instrument :
MSVOA_U
ClientSampleId :
31019

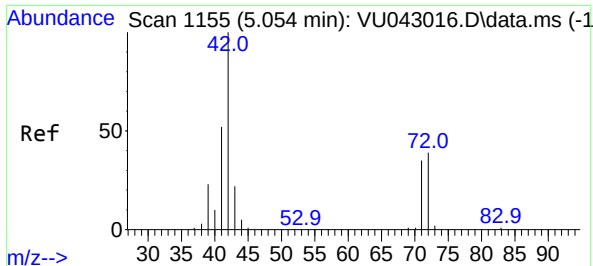
Tgt Ion: 43 Resp: 3377
Ion Ratio Lower Upper
43 100
74 15.1 16.6 25.0#



#25
2-Butanone
Concen: 48.02 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion: 43 Resp: 98592
Ion Ratio Lower Upper
43 100
72 21.9 17.4 26.0

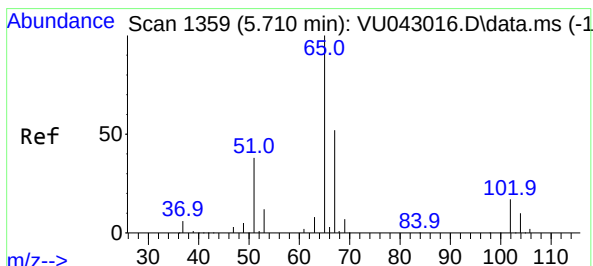
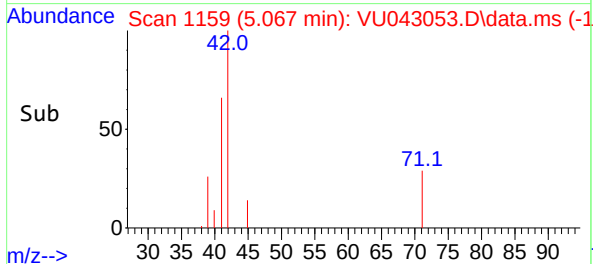
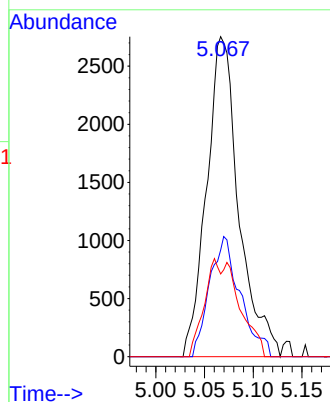
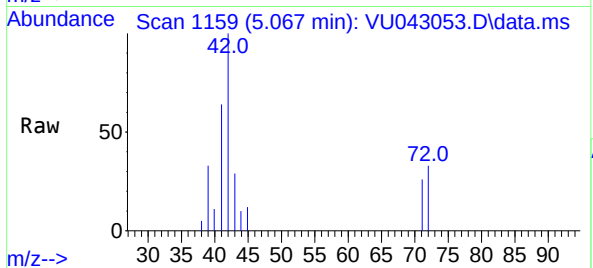




#29
Tetrahydrofuran
Concen: 4.89 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.013 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

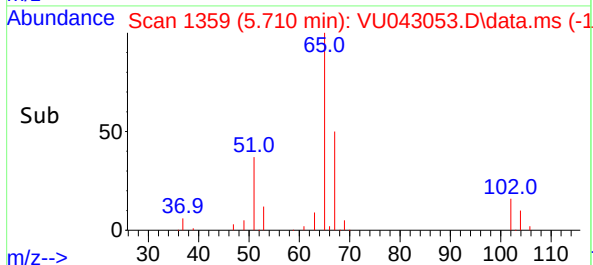
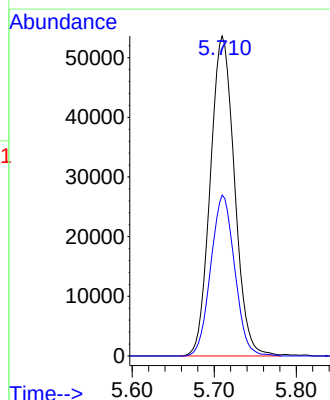
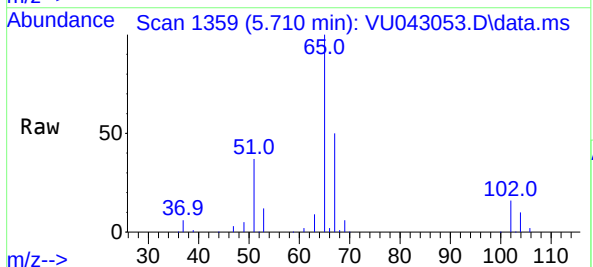
Instrument :
MSVOA_U
ClientSampled :
31019

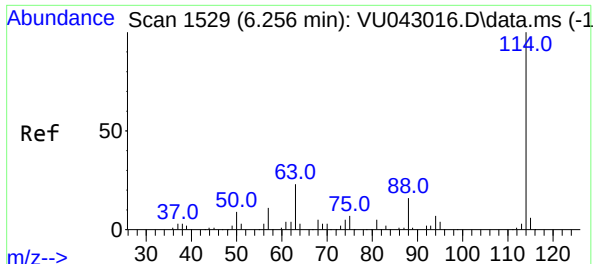
Tgt Ion:	42	Resp:	6324
Ion	Ratio	Lower	Upper
42	100		
72	35.7	31.5	47.3
71	15.7	29.5	44.3#



#33
1,2-Dichloroethane-d4
Concen: 48.79 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion:	65	Resp:	110277
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.8

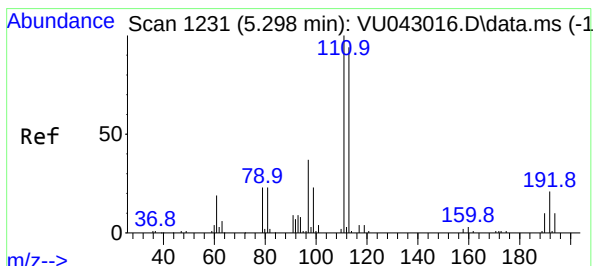
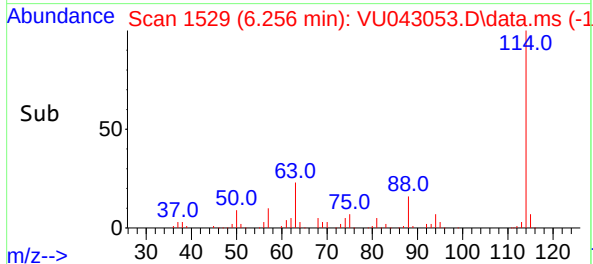
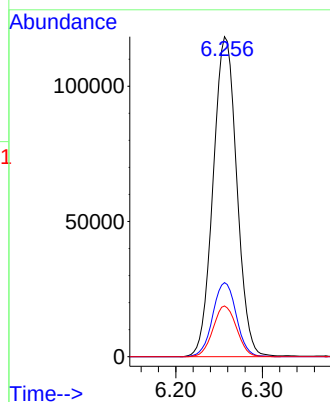
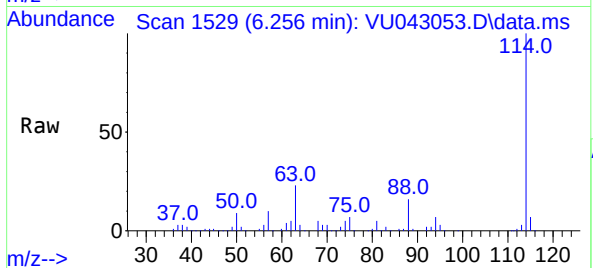




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

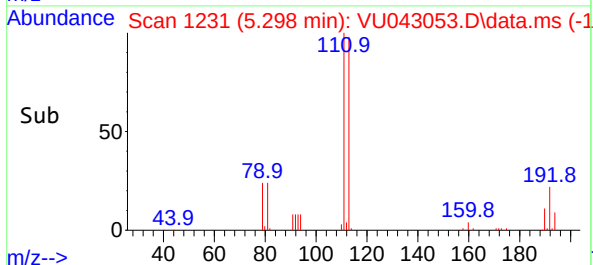
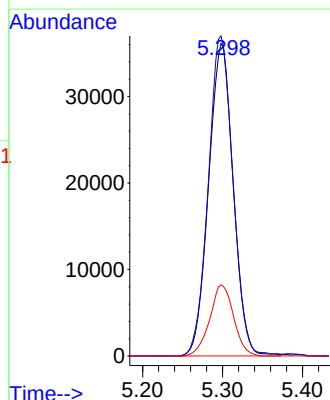
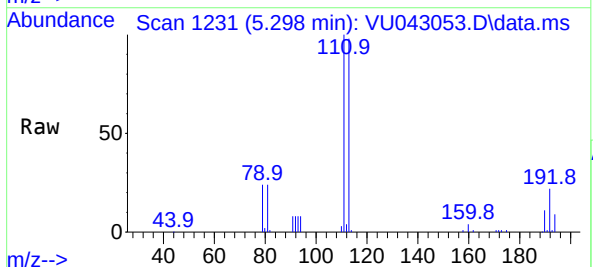
Instrument :
MSVOA_U
ClientSampled :
31019

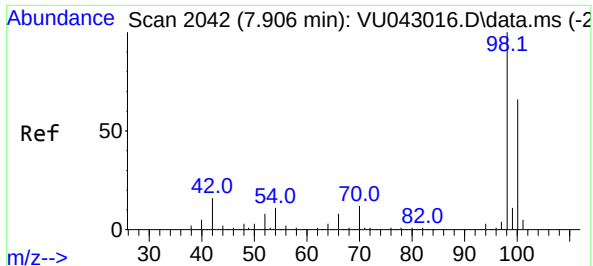
Tgt Ion:114 Resp: 224257
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.2
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.81 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion:113 Resp: 77193
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 22.1 17.2 25.8

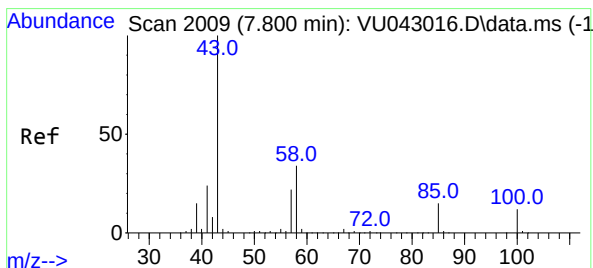
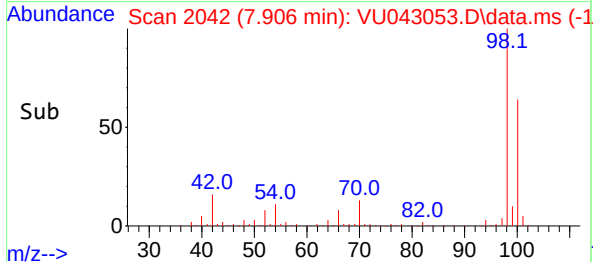
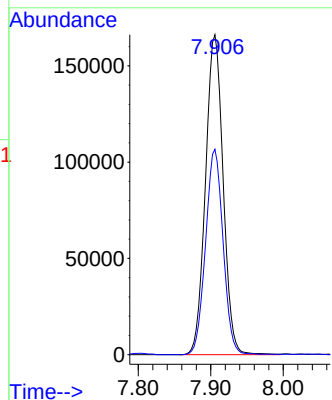
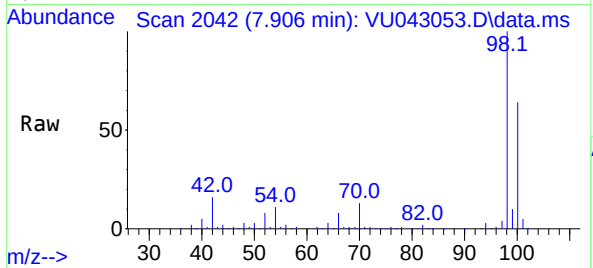




#50
Toluene-d8
Concen: 47.15 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

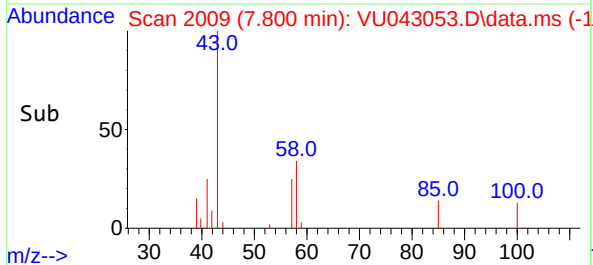
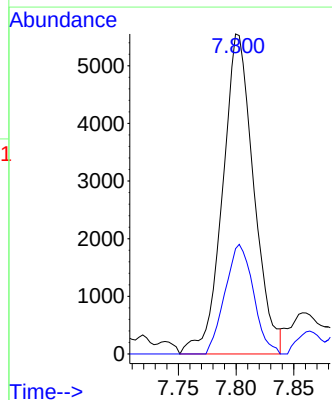
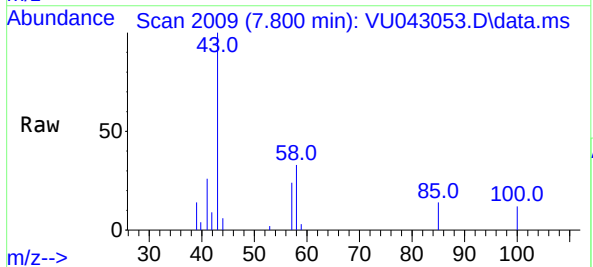
Tgt Ion: 98 Resp: 281160
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

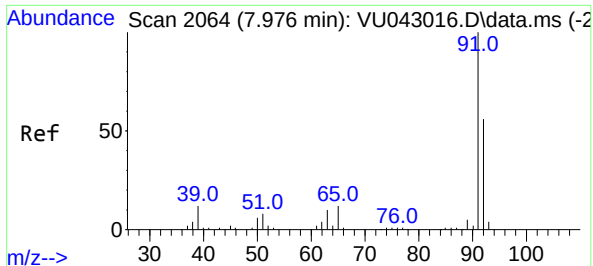
Instrument :
MSVOA_U
ClientSampleId :
31019



#51
4-Methyl-2-Pentanone
Concen: 2.43 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion: 43 Resp: 10423
Ion Ratio Lower Upper
43 100
58 31.2 28.1 42.1

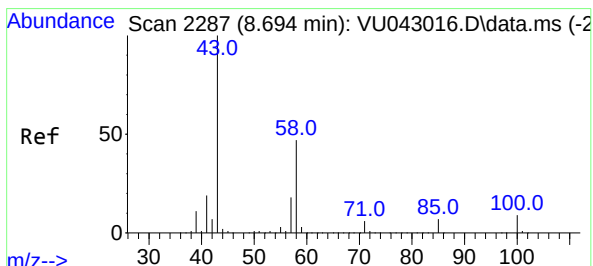
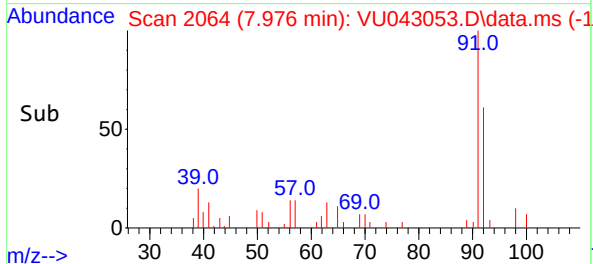
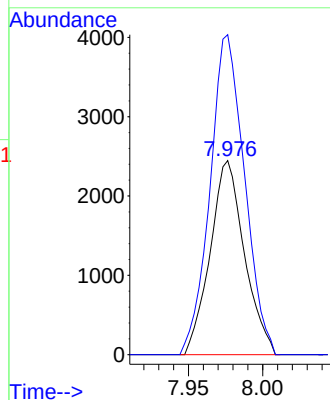
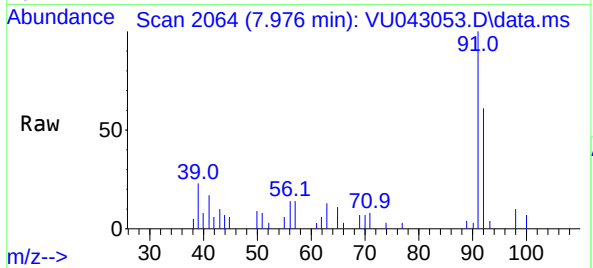




#52
Toluene
Concen: 0.93 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

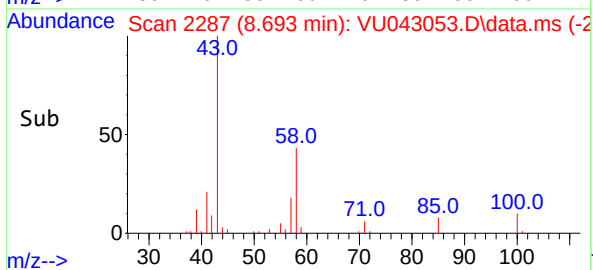
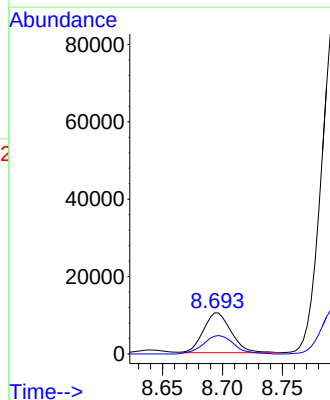
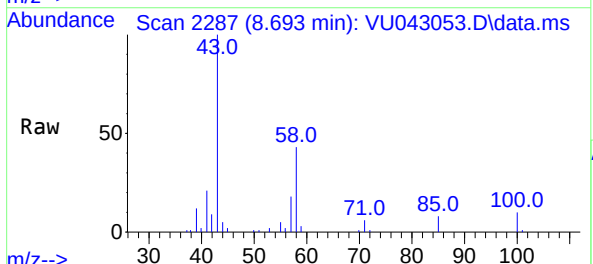
Instrument :
MSVOA_U
ClientSampleId :
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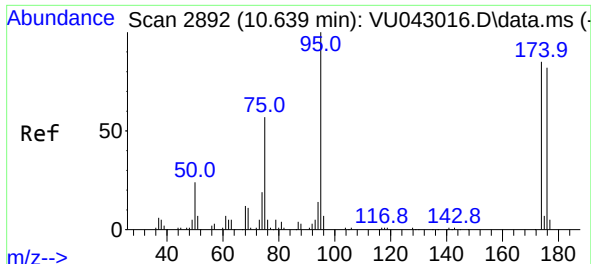
Tgt Ion: 92 Resp: 3929
Ion Ratio Lower Upper
92 100
91 165.9 140.3 210.5



#59
2-Hexanone
Concen: 4.67 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.001 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion: 43 Resp: 16493
Ion Ratio Lower Upper
43 100
58 51.1 24.0 72.0



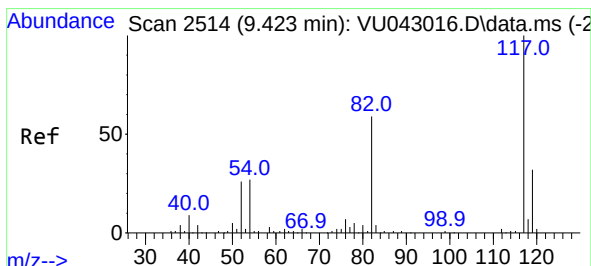
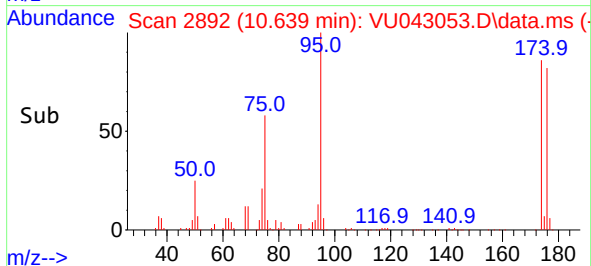
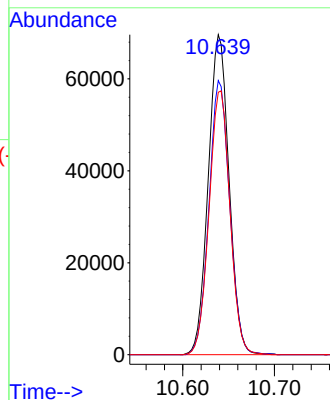
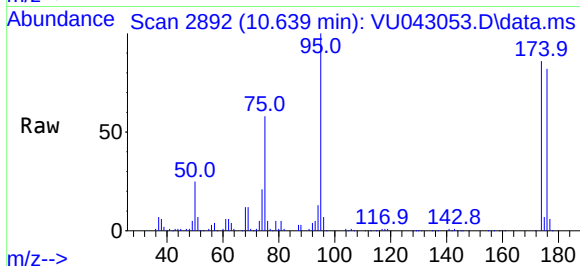


#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Instrument :
MSVOA_U
ClientSampleId :
31019

Tgt Ion: 95 Resp: 109649

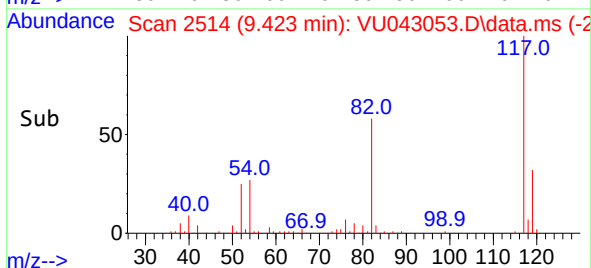
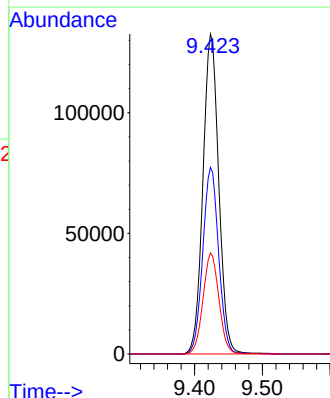
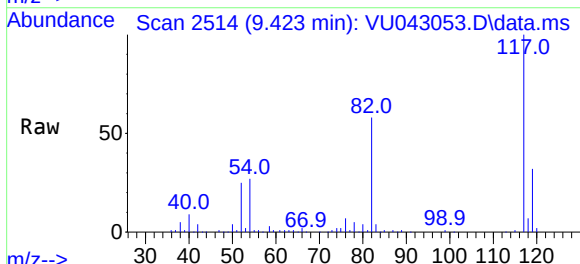
Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	172.2
176	83.0	0.0	168.8

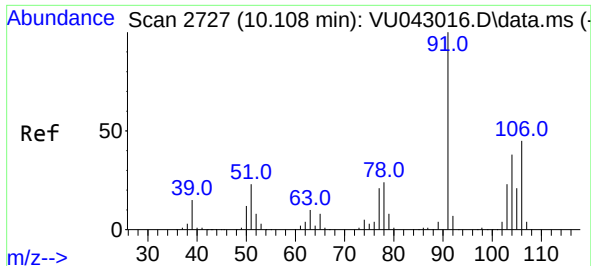


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion: 117 Resp: 215189

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.8	68.6
119	31.6	25.8	38.8

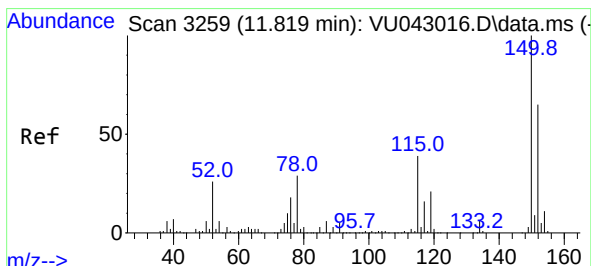
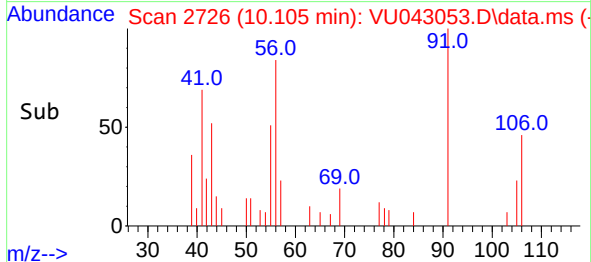
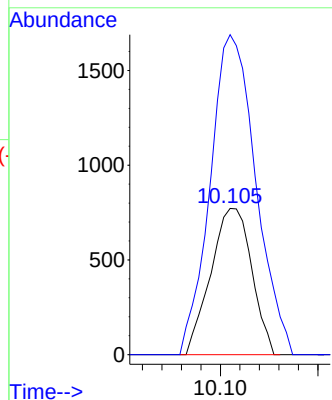
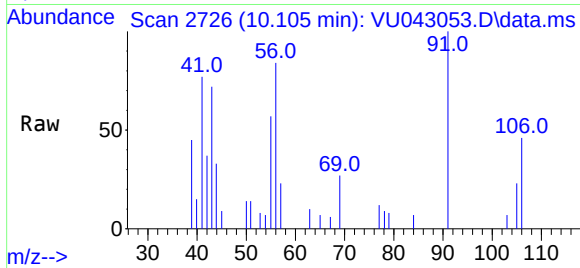




#69
o-Xylene
Concen: 0.37 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

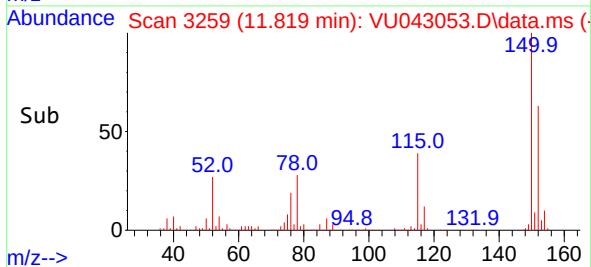
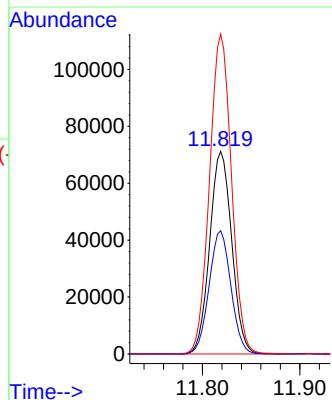
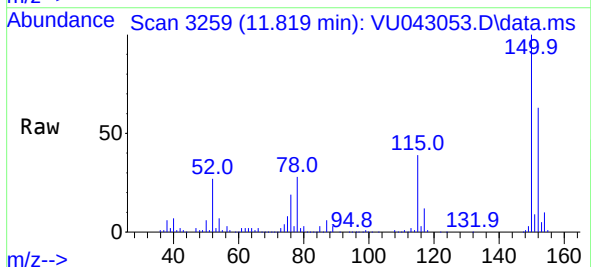
Instrument :
MSVOA_U
ClientSampleId :
31019

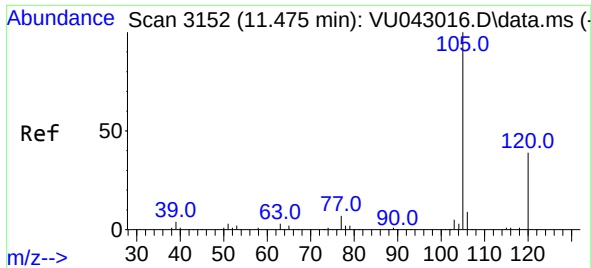
Tgt Ion:106 Resp: 1126
Ion Ratio Lower Upper
106 100
91 243.8 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion:152 Resp: 112002
Ion Ratio Lower Upper
152 100
115 60.2 41.5 124.6
150 157.3 0.0 342.4

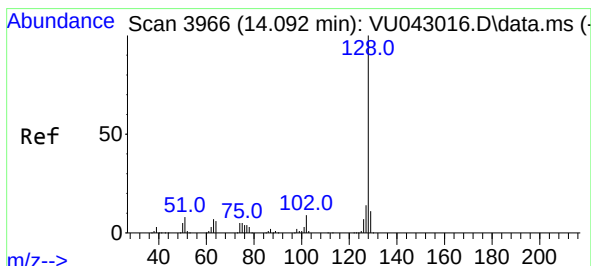
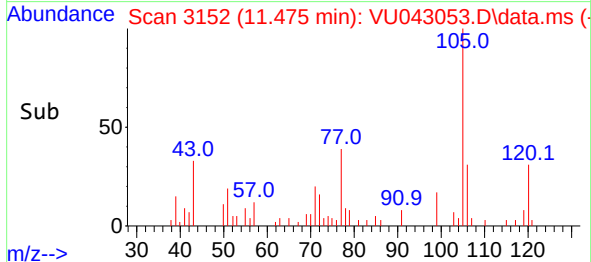
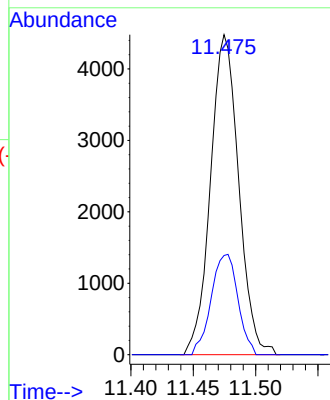
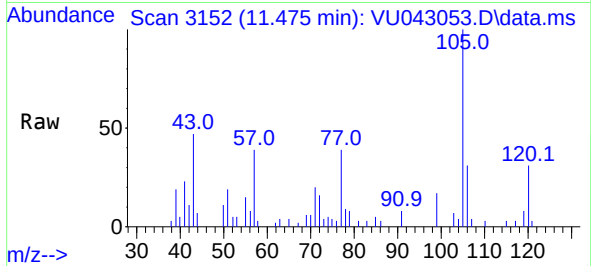




#84
1,2,4-Trimethylbenzene
Concen: 1.03 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Instrument :
MSVOA_U
ClientSampled :
31019

Tgt Ion:105 Resp: 7055
Ion Ratio Lower Upper
105 100
120 29.7 22.3 66.8



#95
Naphthalene
Concen: 13.47 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043053.D
Acq: 13 Apr 2021 15:50

Tgt Ion:128 Resp: 91932
Ion Ratio Lower Upper
128 100
127 17.7 10.8 16.2#
129 12.7 8.6 13.0

