

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042931.D
 Acq On : 05 Apr 2021 15:25
 Operator : SY/MD
 Sample : M1903-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30791

Quant Time: Apr 06 01:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

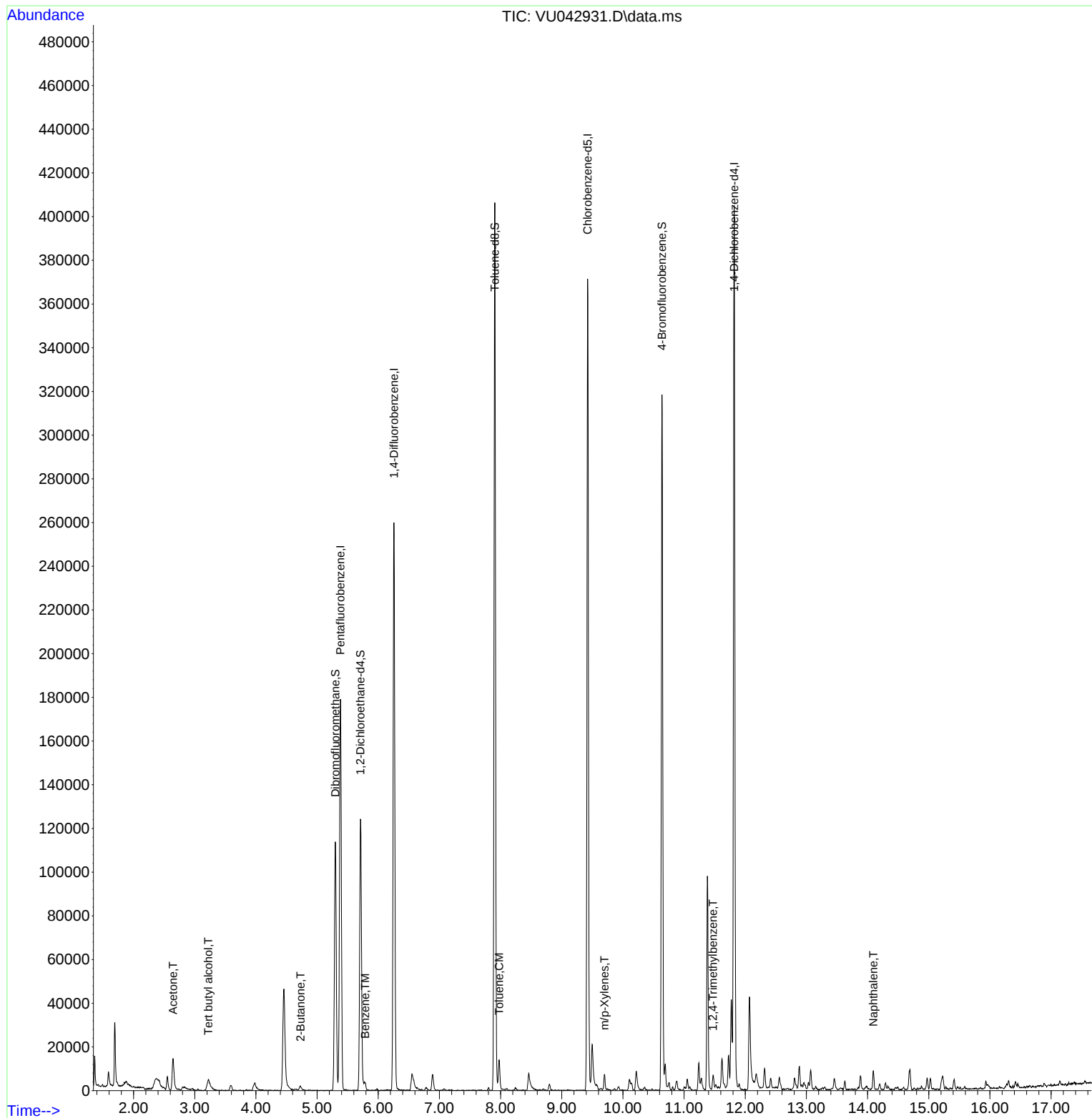
Internal Standards						
1) Pentafluorobenzene	5.382	168	124029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	197110	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	187765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97880	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	5.298	113	69681	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	7.906	98	247467	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	10.639	95	92991	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.221	59	10261	24.27	ug/l	# 88
16) Acetone	2.646	43	21122	8.05	ug/l	97
25) 2-Butanone	4.729	43	3480	2.16	ug/l	99
40) Benzene	5.787	78	2188	0.38	ug/l	96
52) Toluene	7.977	92	4401	1.23	ug/l	96
68) m/p-Xylenes	9.700	106	1961	0.78	ug/l	84
84) 1,2,4-Trimethylbenzene	11.475	105	3575	0.66	ug/l	85
95) Naphthalene	14.095	128	6750	3.55	ug/l	97

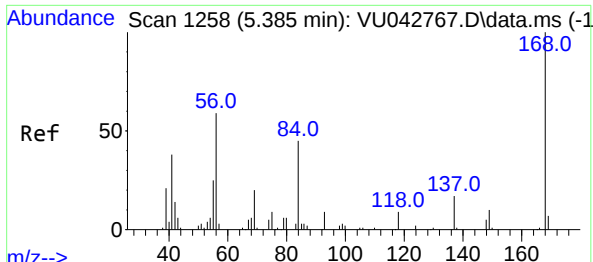
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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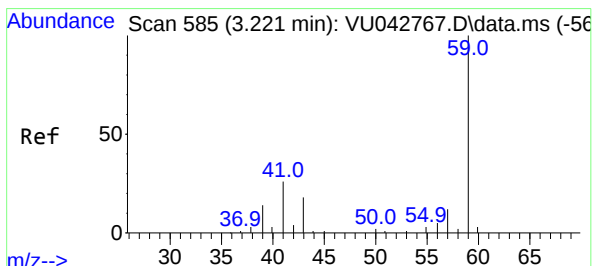
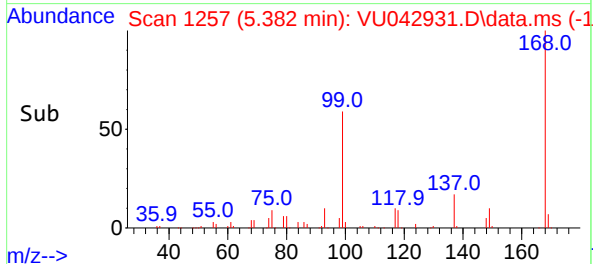
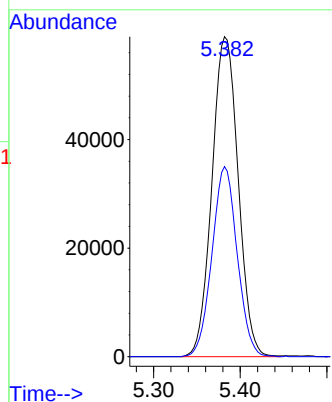
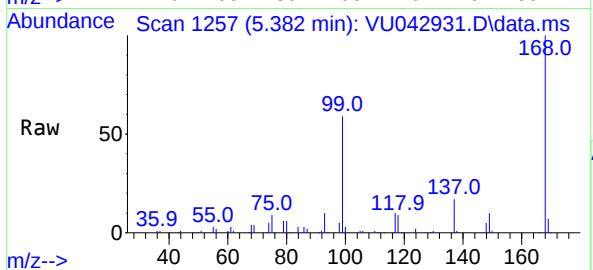




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

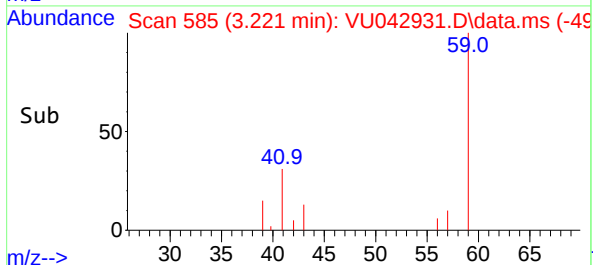
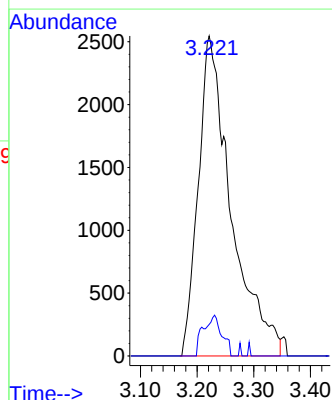
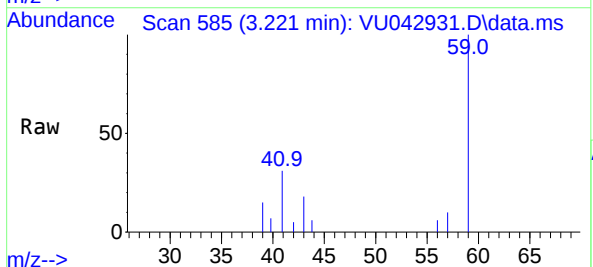
Instrument :
MSVOA_U
ClientSampleId :
30791

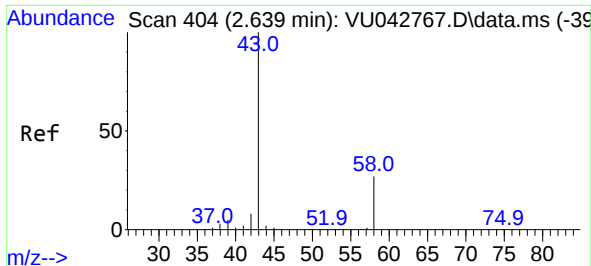
Tgt Ion:168 Resp: 124029
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6



#11
Tert butyl alcohol
Concen: 24.27 ug/l
RT: 3.221 min Scan# 585
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion: 59 Resp: 10261
Ion Ratio Lower Upper
59 100
57 4.8 7.4 11.2#

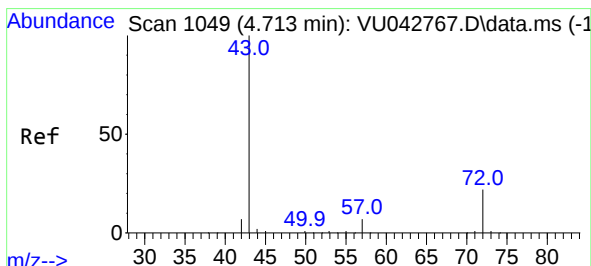
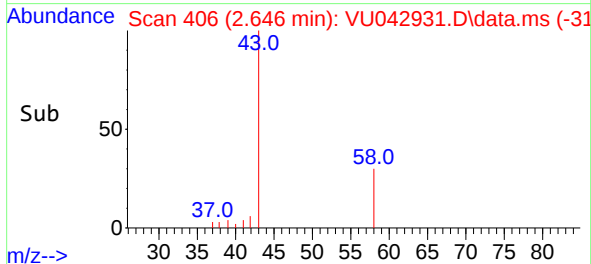
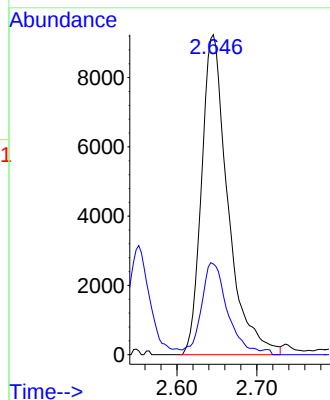
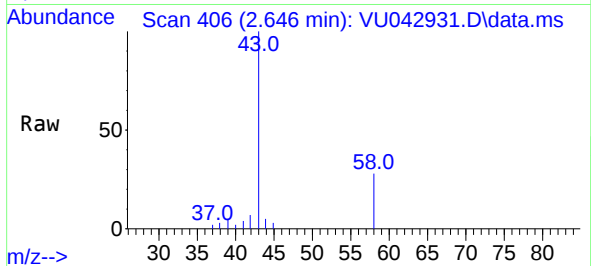




#16
Acetone
Concen: 8.05 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.007 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

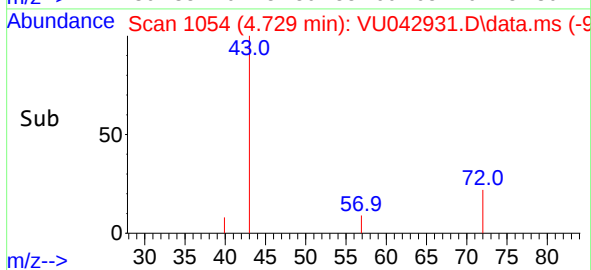
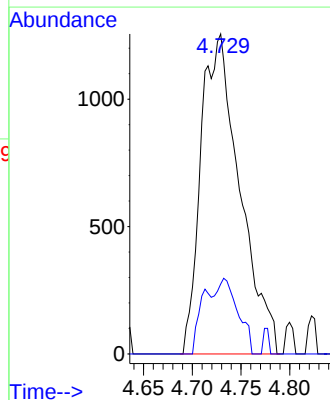
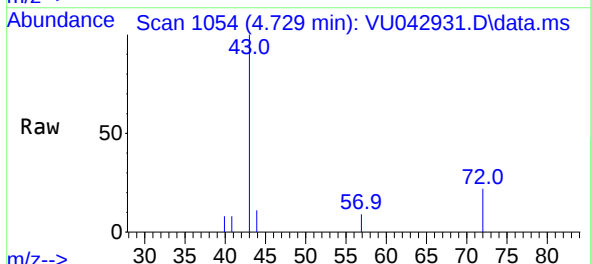
Instrument :
MSVOA_U
ClientSampleId :
30791

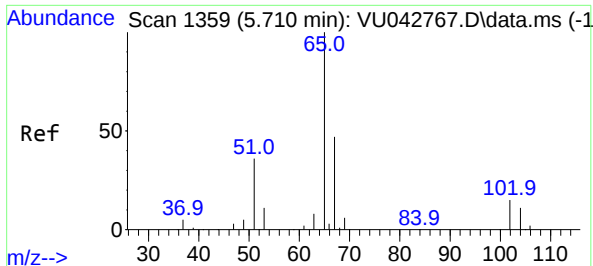
Tgt Ion: 43 Resp: 21122
Ion Ratio Lower Upper
43 100
58 28.3 21.6 32.4



#25
2-Butanone
Concen: 2.16 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.016 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
72 21.8 17.7 26.5



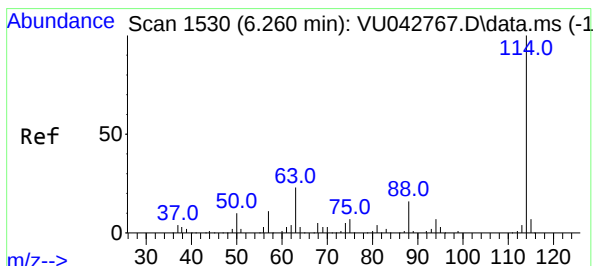
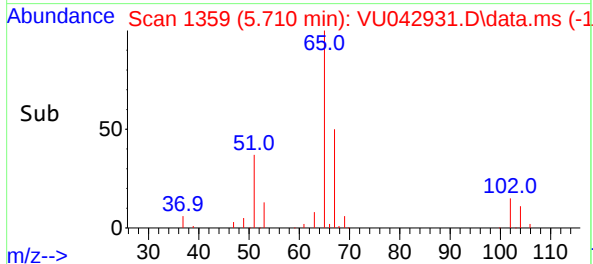
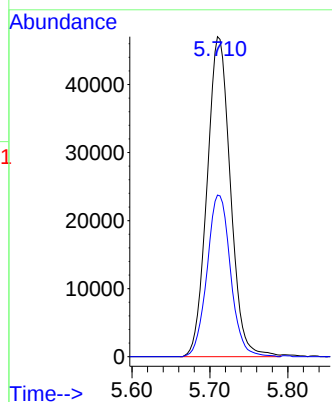
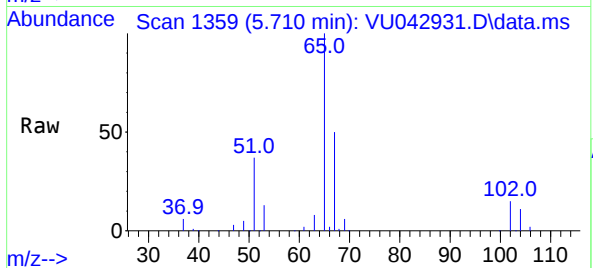


#33

1,2-Dichloroethane-d4
Concen: 49.50 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Instrument :
MSVOA_U
ClientSampled :
30791

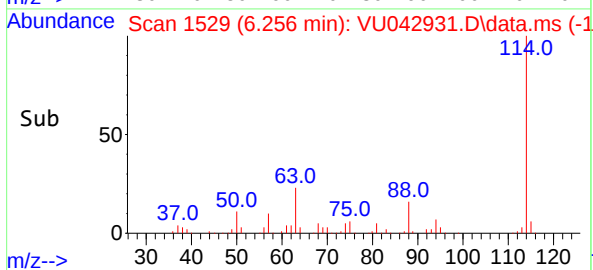
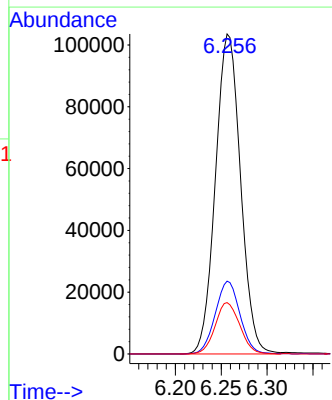
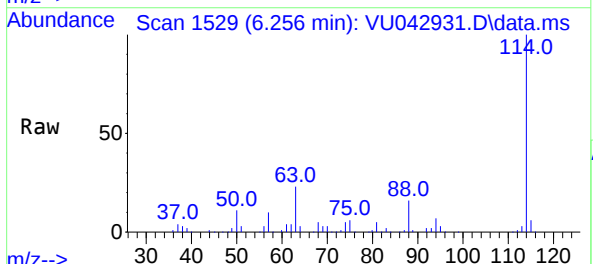
Tgt Ion: 65 Resp: 97880
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.8

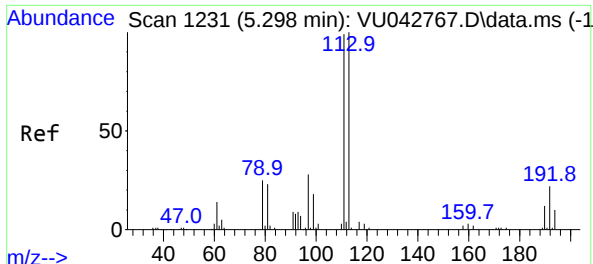


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion: 114 Resp: 197110
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 16.1 0.0 32.2

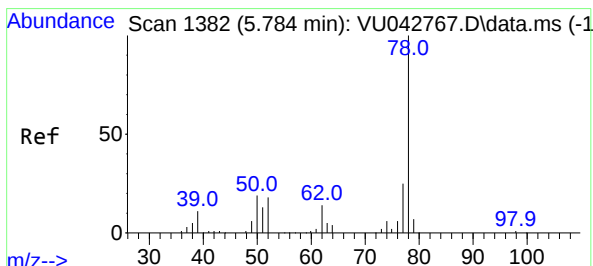
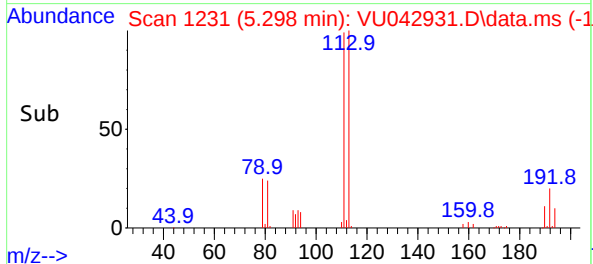
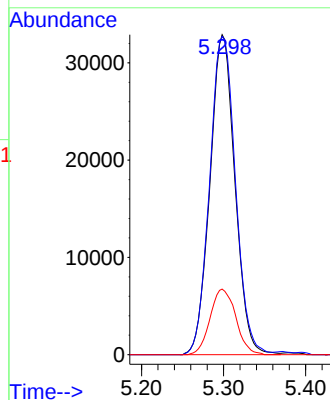
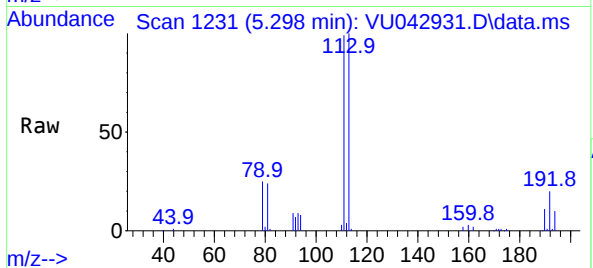




#35
Dibromofluoromethane
Concen: 47.37 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

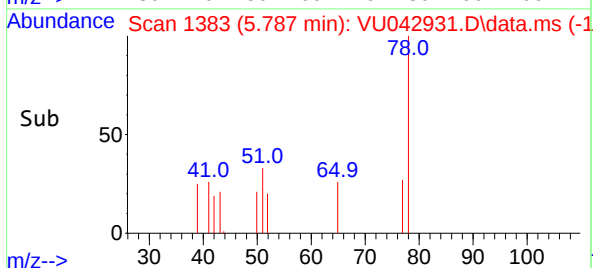
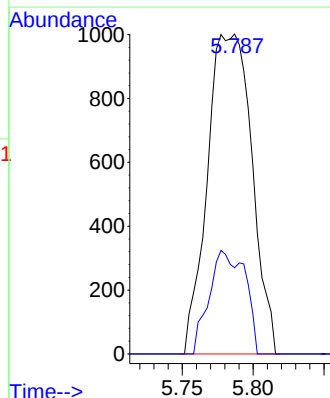
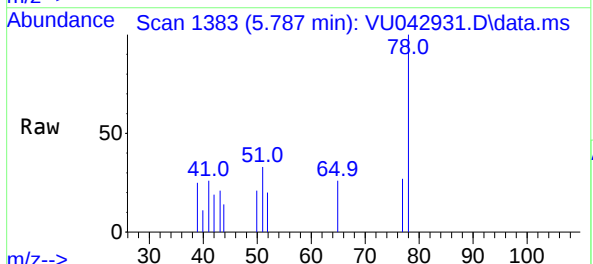
Instrument :
MSVOA_U
ClientSampleId :
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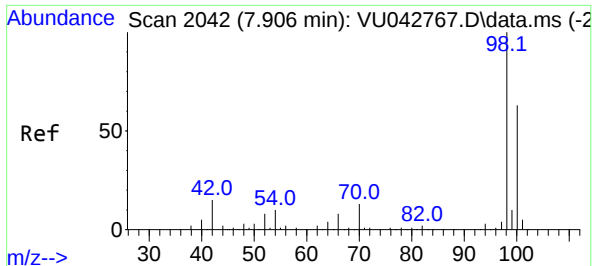
Tgt Ion:113 Resp: 69681
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 21.1 17.6 26.4



#40
Benzene
Concen: 0.38 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion: 78 Resp: 2188
Ion Ratio Lower Upper
78 100
77 26.9 19.9 29.9

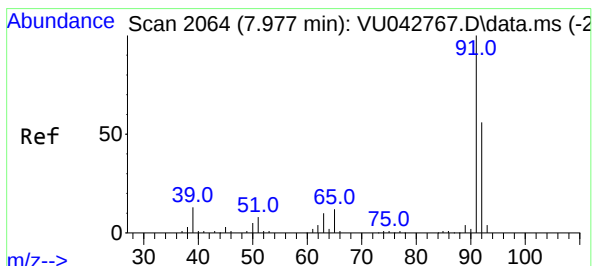
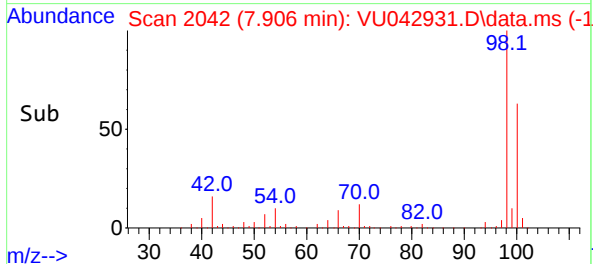
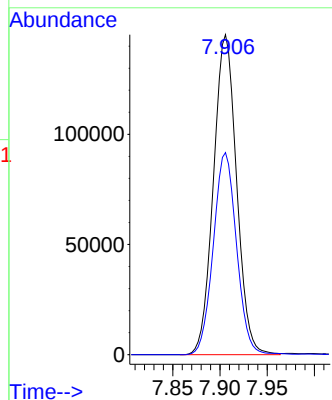
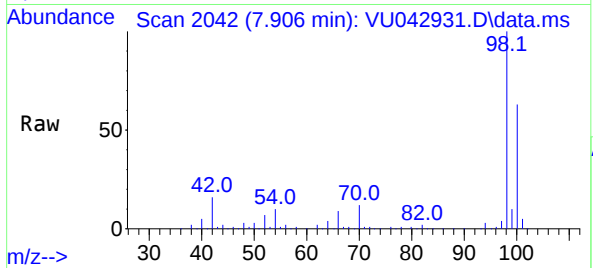




#50
Toluene-d8
Concen: 47.82 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

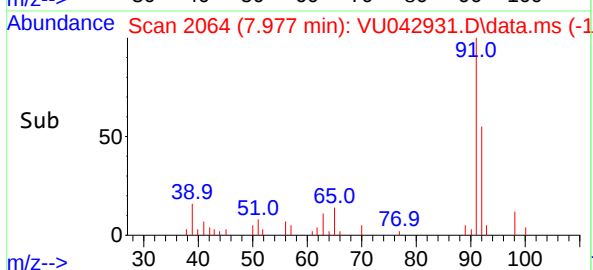
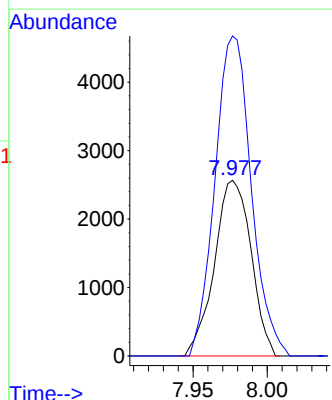
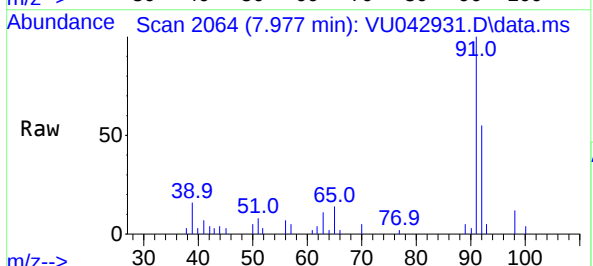
Instrument :
MSVOA_U
ClientSampleId :
30791

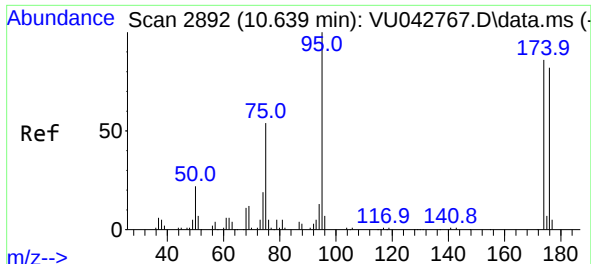
Tgt Ion: 98 Resp: 247467
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6



#52
Toluene
Concen: 1.23 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion: 92 Resp: 4401
Ion Ratio Lower Upper
92 100
91 180.6 140.6 210.8



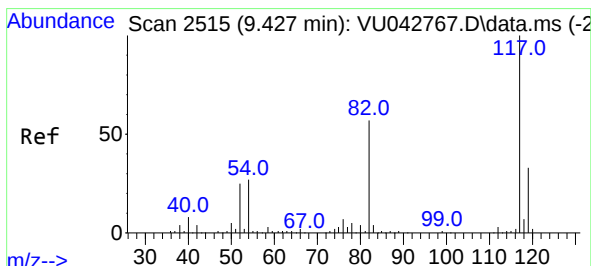
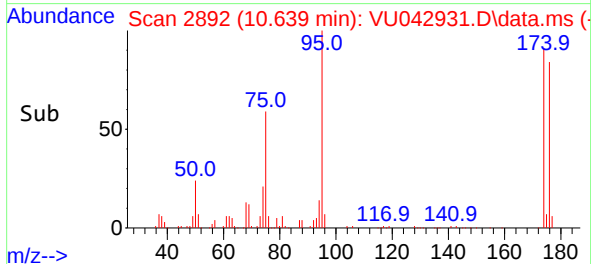
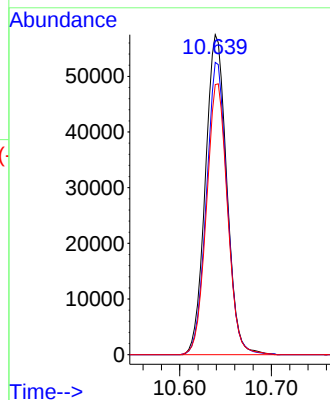
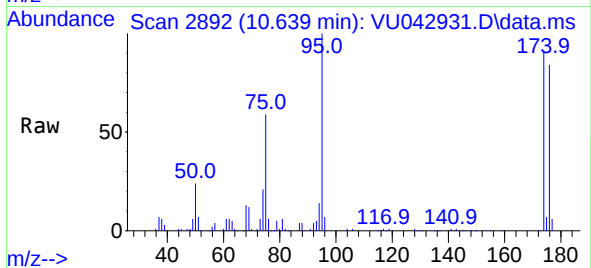


#62
4-Bromofluorobenzene
Concen: 46.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 92991

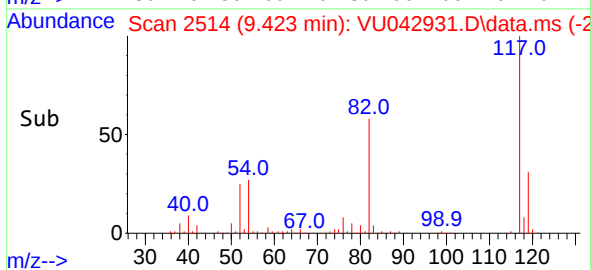
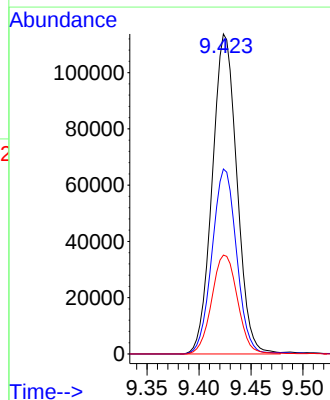
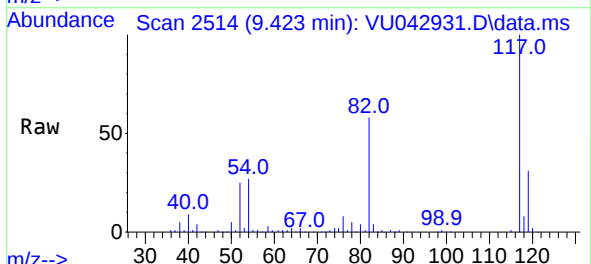
Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	175.2
176	83.5	0.0	167.4

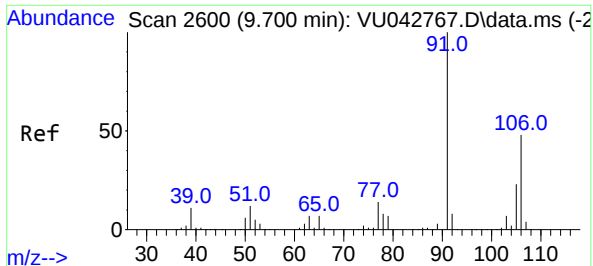


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion: 117 Resp: 187765

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.5	68.3
119	30.9	26.2	39.4

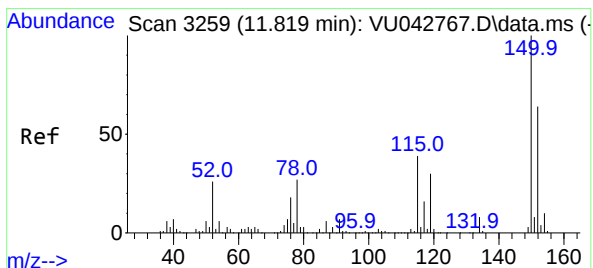
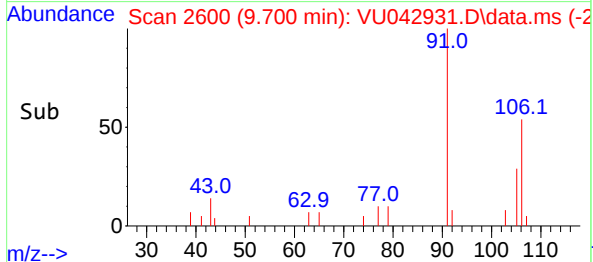
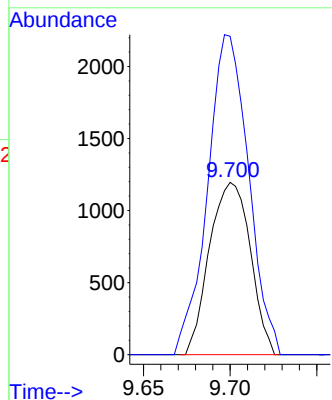
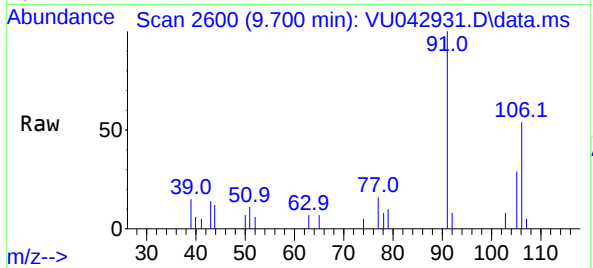




#68
m/p-Xylenes
Concen: 0.78 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

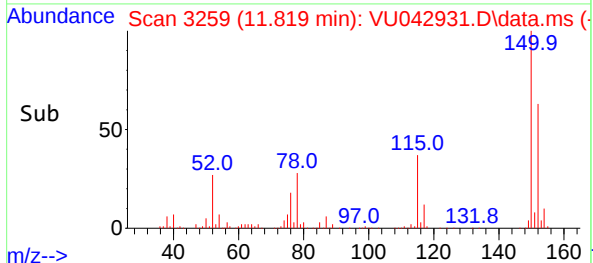
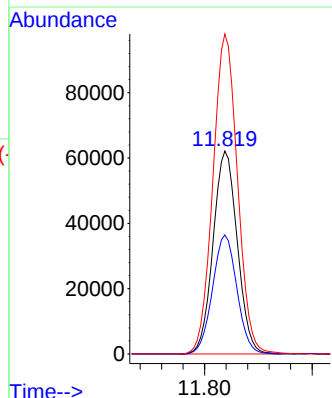
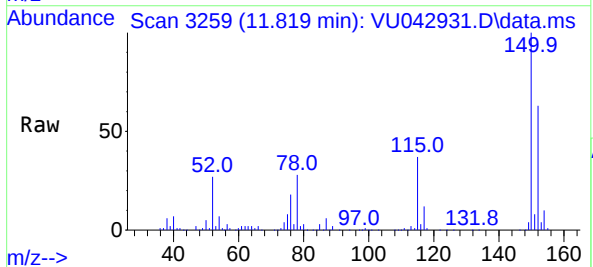
Instrument :
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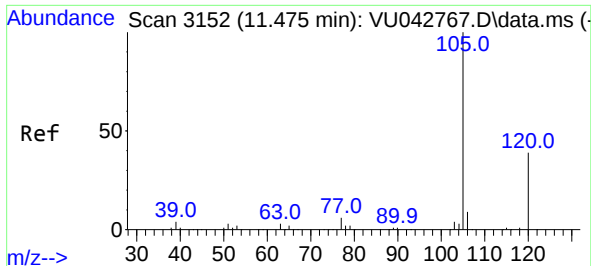
Tgt Ion:106 Resp: 1961
Ion Ratio Lower Upper
106 100
91 185.8 168.3 252.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion:152 Resp: 97301
Ion Ratio Lower Upper
152 100
115 59.0 41.0 123.0
150 160.0 0.0 341.0

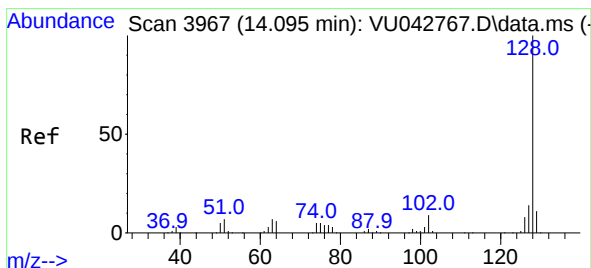
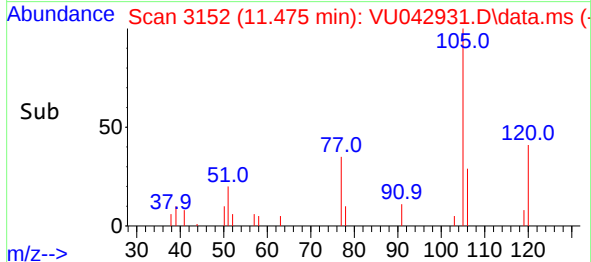
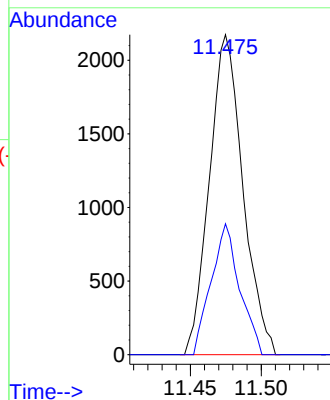
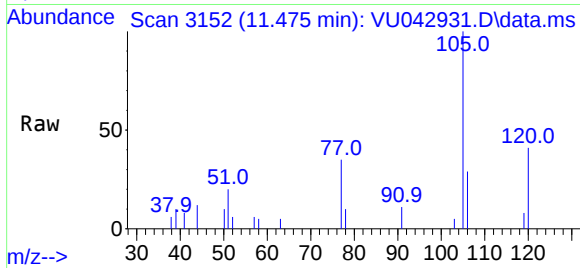




#84
1,2,4-Trimethylbenzene
Concen: 0.66 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Instrument :
MSVOA_U
ClientSampleId :
30791

Tgt Ion:105 Resp: 3575
Ion Ratio Lower Upper
105 100
120 34.8 22.3 66.8



#95
Naphthalene
Concen: 3.55 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042931.D
Acq: 05 Apr 2021 15:25

Tgt Ion:128 Resp: 6750
Ion Ratio Lower Upper
128 100
127 11.6 10.9 16.3
129 11.3 8.7 13.1

