

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043690.D
 Acq On : 12 May 2021 20:06
 Operator : SY/MD
 Sample : PB136331TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB136331TB

Quant Time: May 13 01:37:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

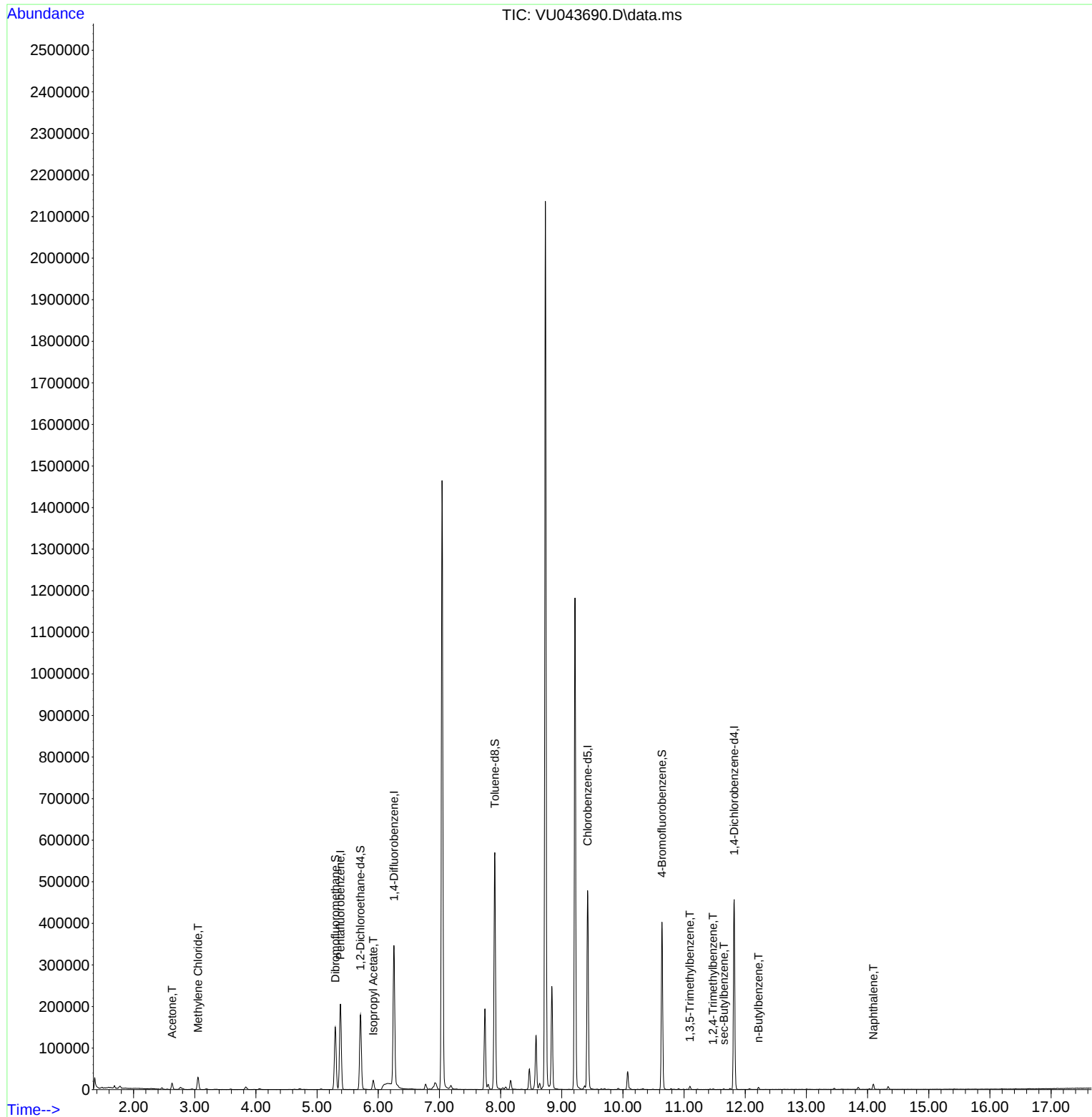
Internal Standards						
1) Pentafluorobenzene	5.382	168	132021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	243528	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	236787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	104643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	135726	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.298	113	93674	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	7.906	98	343370	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	10.639	95	121288	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
Target Compounds						
						Qvalue
16) Acetone	2.629	43	17575	11.85	ug/l	98
20) Methylene Chloride	3.054	84	12213	5.85	ug/l	97
43) Isopropyl Acetate	5.919	43	24090	3.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	3615	1.24	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	1117	1.26	ug/l	94
85) sec-Butylbenzene	11.651	105	1398	1.50	ug/l	89
89) n-Butylbenzene	12.214	91	1833	2.77	ug/l	93
95) Naphthalene	14.095	128	9900	2.60	ug/l	98

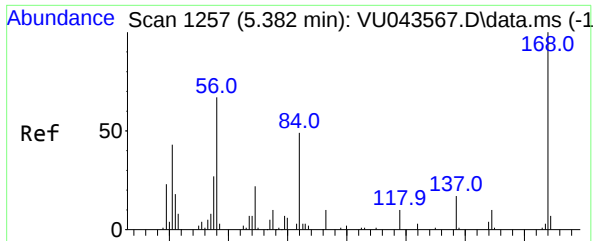
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

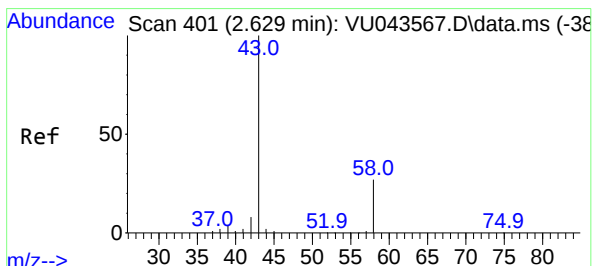
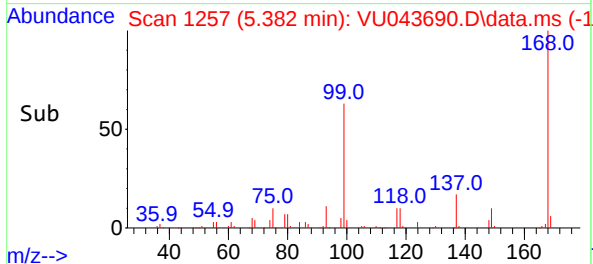
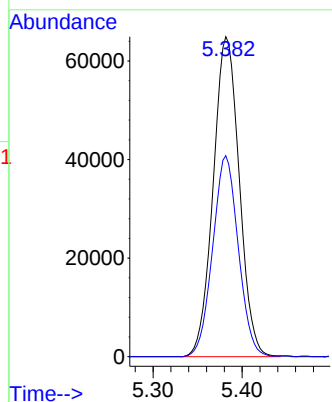
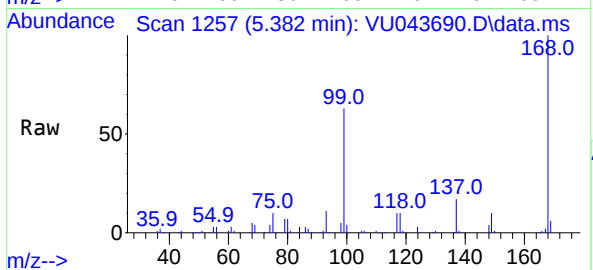




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

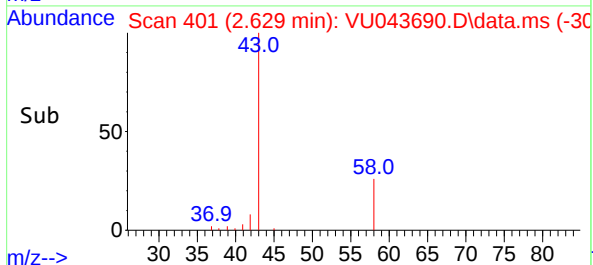
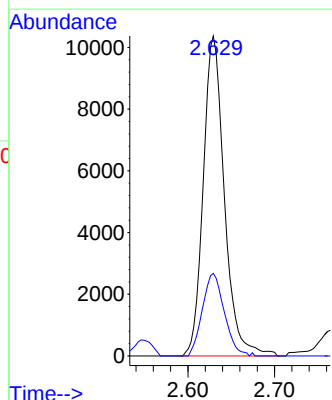
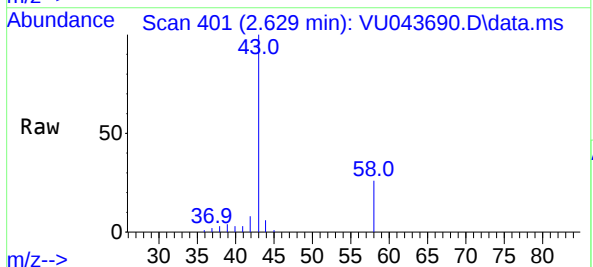
Instrument :
MSVOA_U
ClientSampleId :
PB136331TB

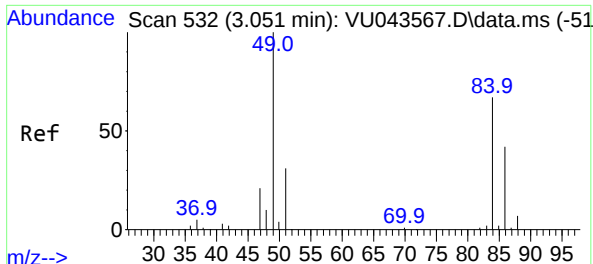
Tgt Ion:168 Resp: 132021
Ion Ratio Lower Upper
168 100
99 62.8 49.0 73.6



#16
Acetone
Concen: 11.85 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion: 43 Resp: 17575
Ion Ratio Lower Upper
43 100
58 25.8 21.7 32.5



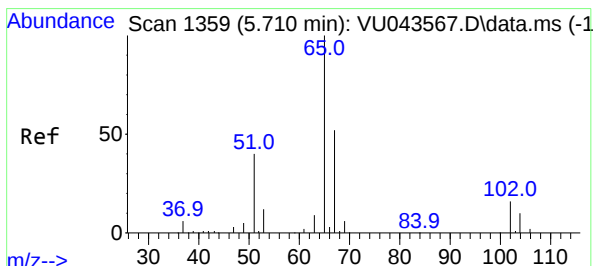
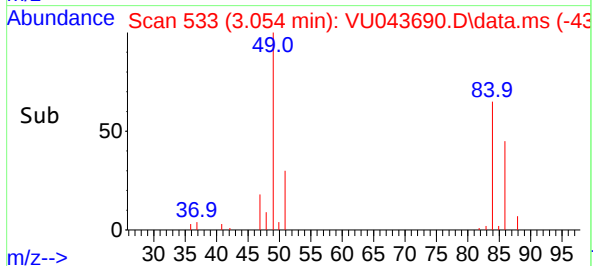
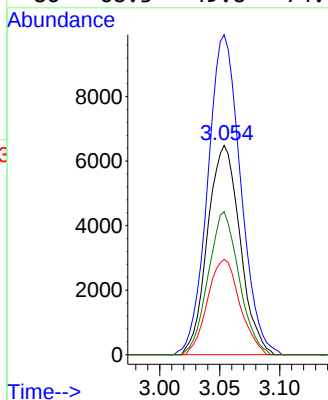
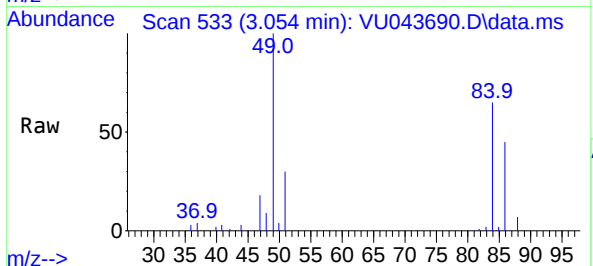


#20
Methylene Chloride
Concen: 5.85 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Instrument :
MSVOA_U
ClientSampleId :
PB136331TB

Tgt Ion: 84 Resp: 12213

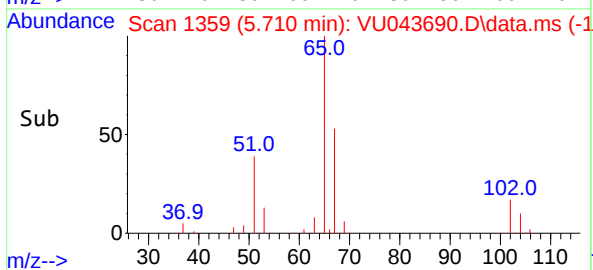
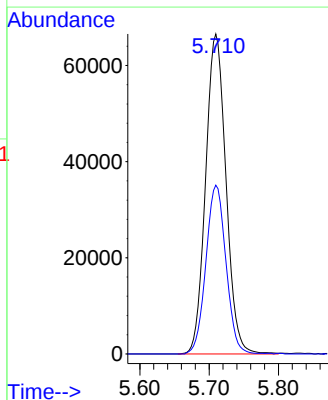
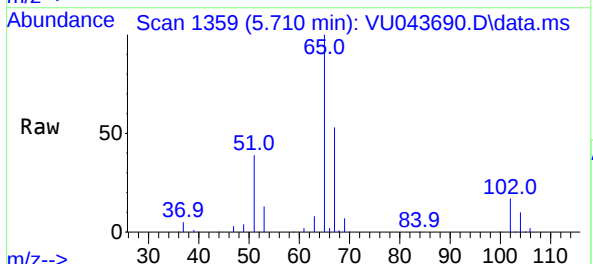
Ion	Ratio	Lower	Upper
84	100		
49	151.2	119.0	178.4
51	45.5	36.8	55.2
86	68.3	49.8	74.6

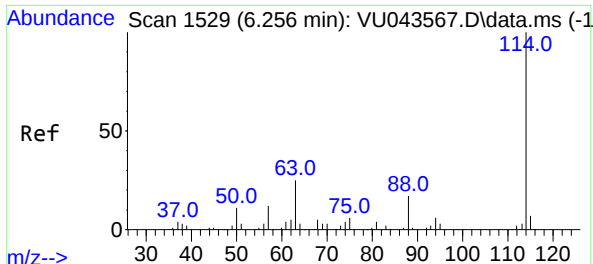


#33
1,2-Dichloroethane-d4
Concen: 49.70 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion: 65 Resp: 135726

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

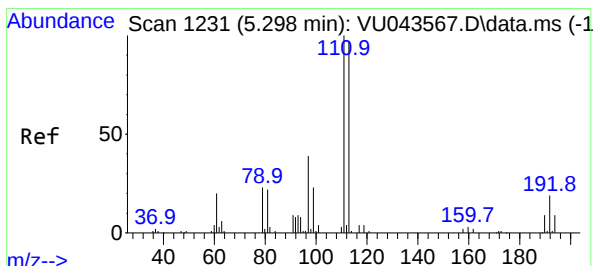
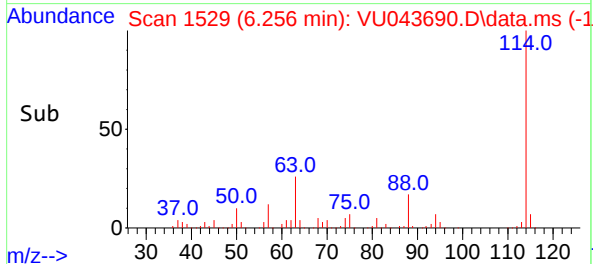
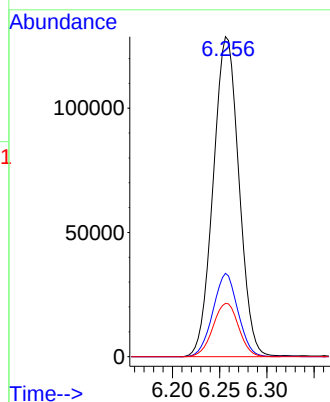
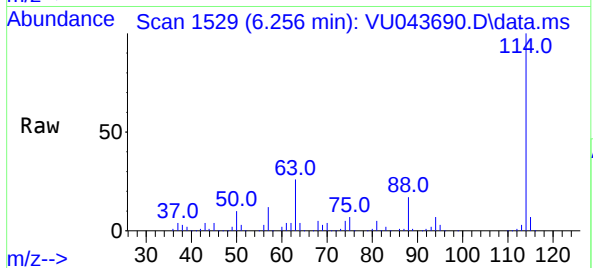




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

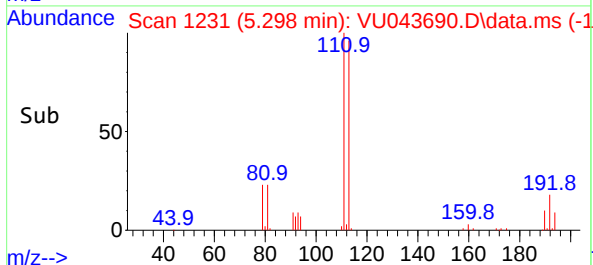
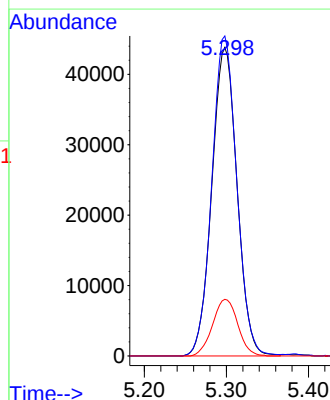
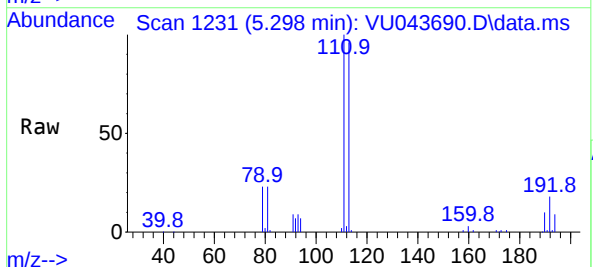
Instrument :
MSVOA_U
ClientSampleId :
PB136331TB

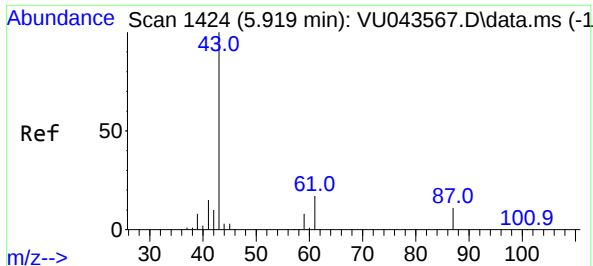
Tgt Ion:114 Resp: 243528
Ion Ratio Lower Upper
114 100
63 26.0 0.0 50.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.61 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion:113 Resp: 93674
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 18.4 15.8 23.6

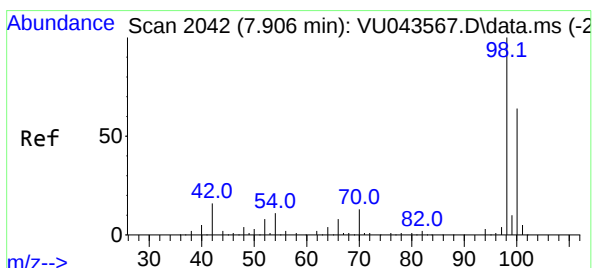
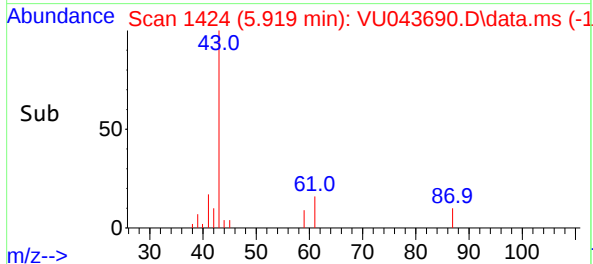
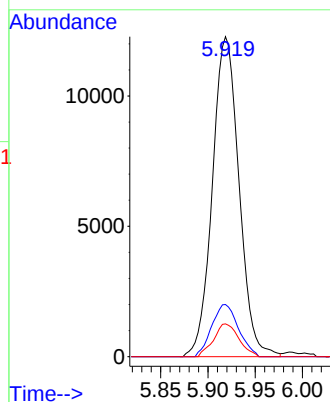
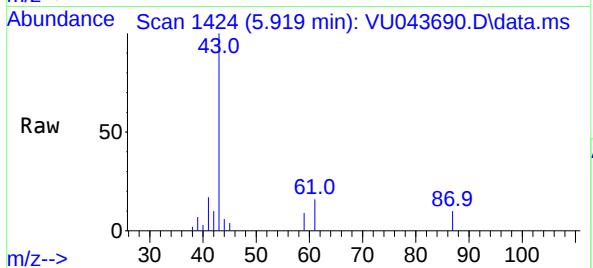




#43
Isopropyl Acetate
Concen: 3.51 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

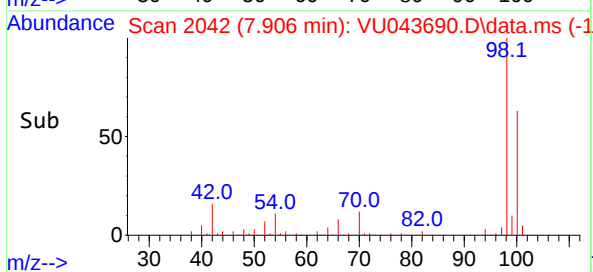
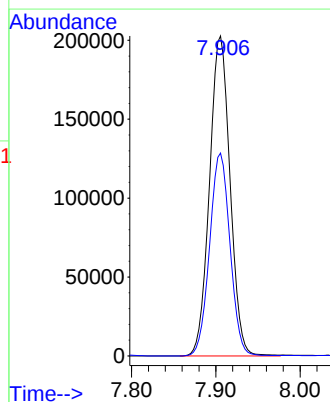
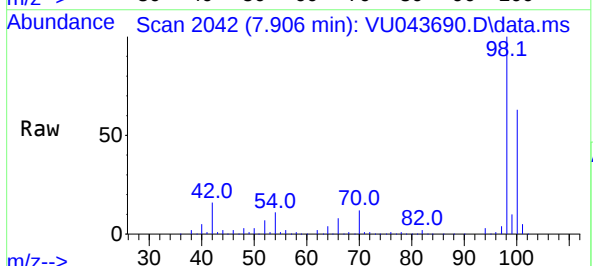
Instrument :
MSVOA_U
ClientSampleId :
PB136331TB

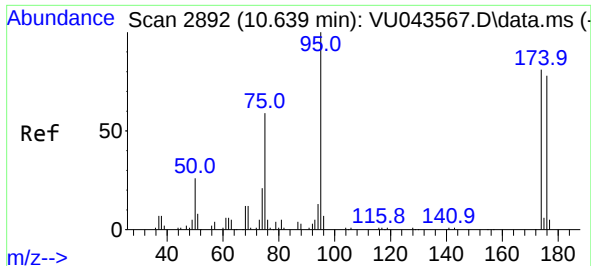
Tgt Ion:	43	Resp:	24090
Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.4	20.2
87	9.7	8.0	12.0



#50
Toluene-d8
Concen: 50.77 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion:	98	Resp:	343370
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.5	75.7

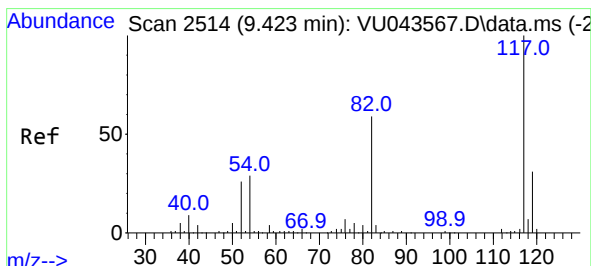
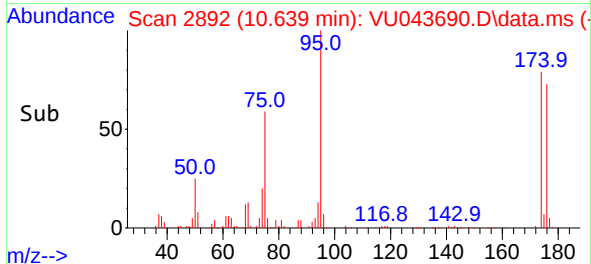
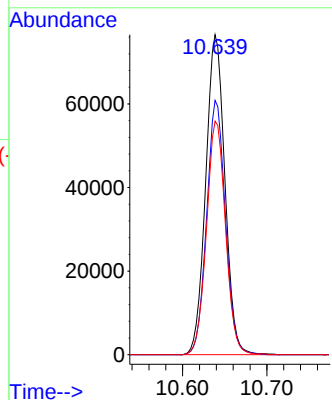
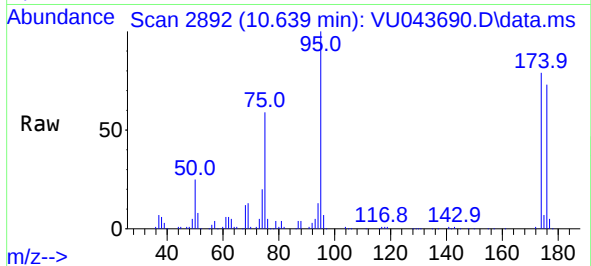




#62
4-Bromofluorobenzene
Concen: 46.02 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

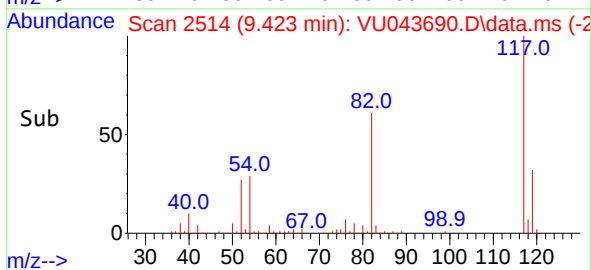
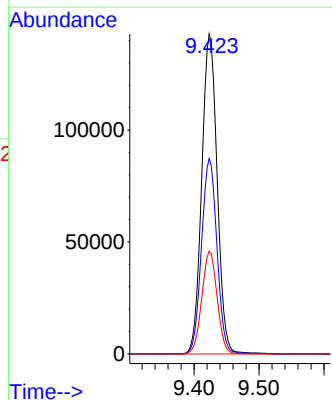
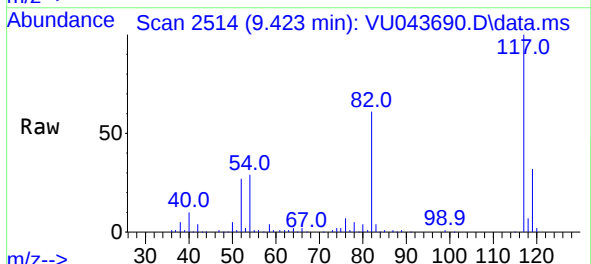
Instrument :
MSVOA_U
ClientSampleId :
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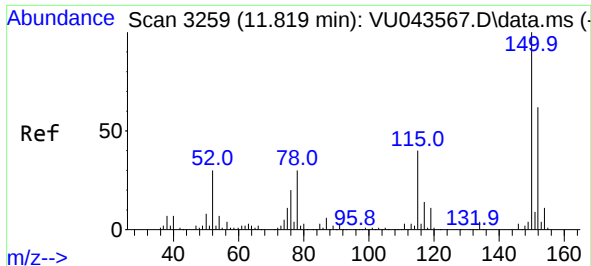
Tgt Ion: 95 Resp: 121288
Ion Ratio Lower Upper
95 100
174 77.8 0.0 158.8
176 72.5 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion: 117 Resp: 236787
Ion Ratio Lower Upper
117 100
82 61.1 47.5 71.3
119 32.1 24.7 37.1

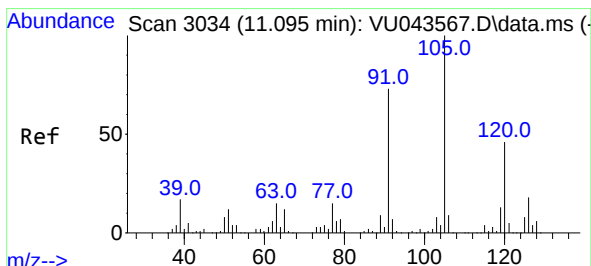
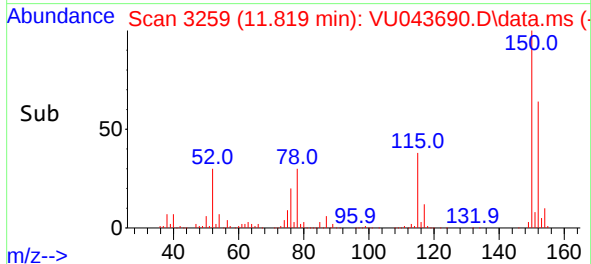
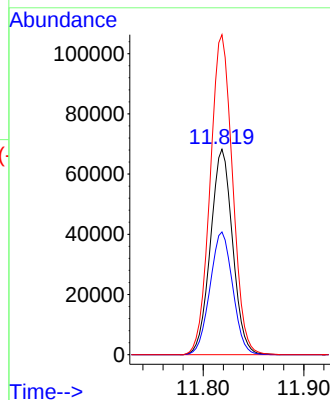
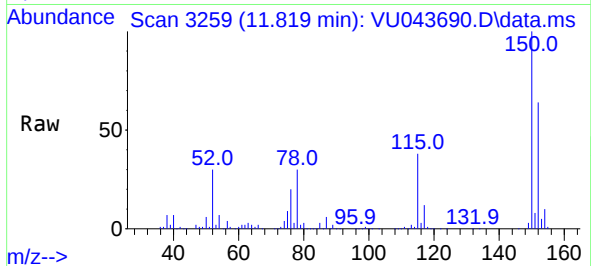




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

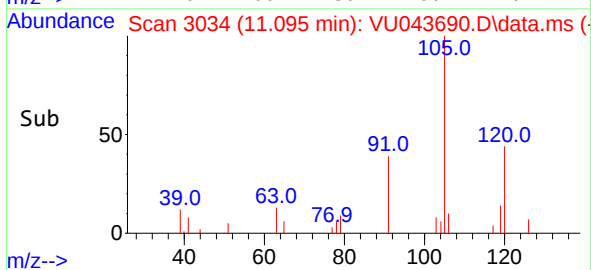
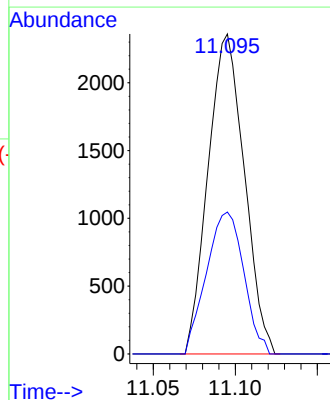
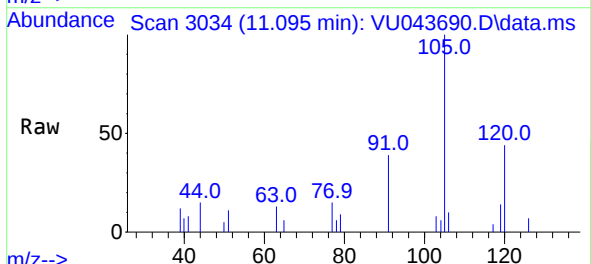
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MSVOA_U
ClientSampled :
PB136331TB

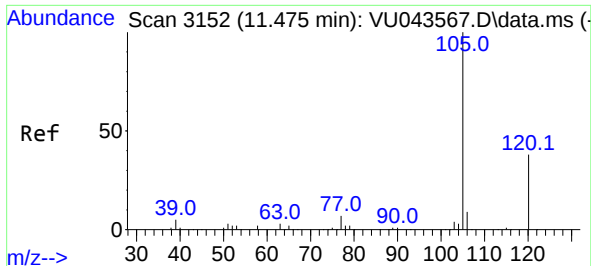
Tgt Ion:152 Resp: 104643
Ion Ratio Lower Upper
152 100
115 61.1 46.1 138.3
150 157.4 0.0 361.0



#80
1,3,5-Trimethylbenzene
Concen: 1.24 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion:105 Resp: 3615
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7

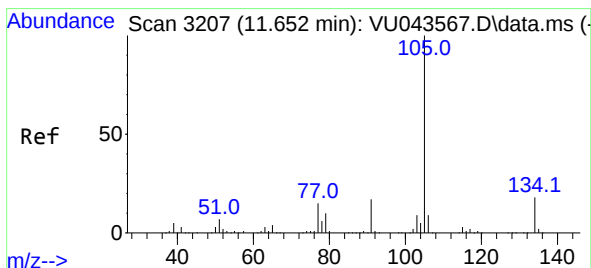
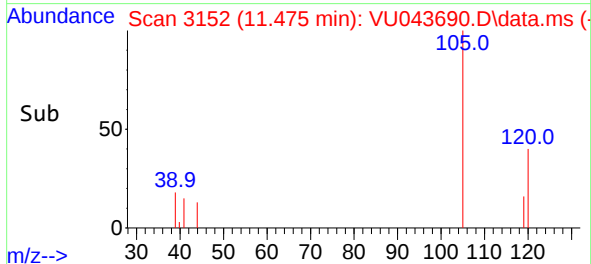
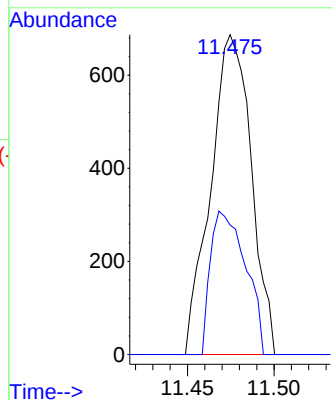
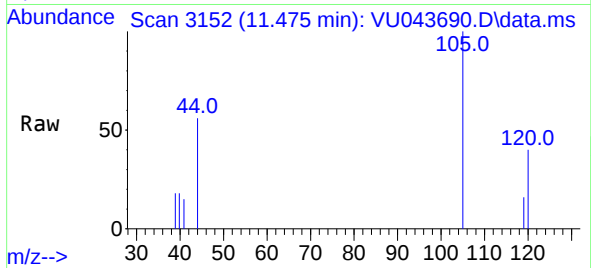




#84
1,2,4-Trimethylbenzene
Concen: 1.26 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

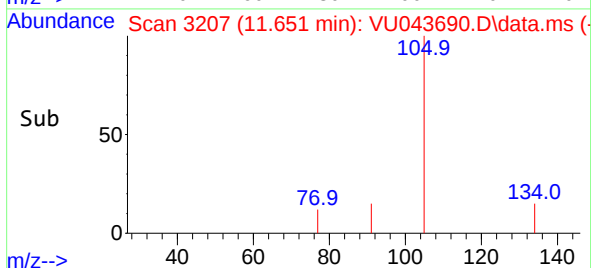
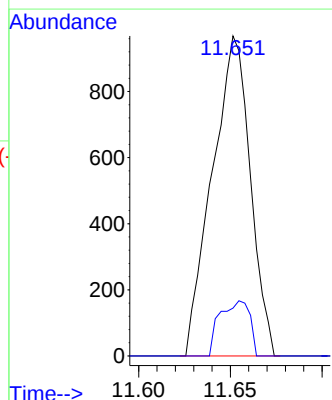
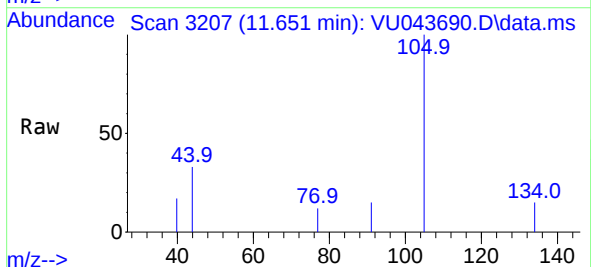
Instrument :
MSVOA_U
ClientSampleId :
PB136331TB

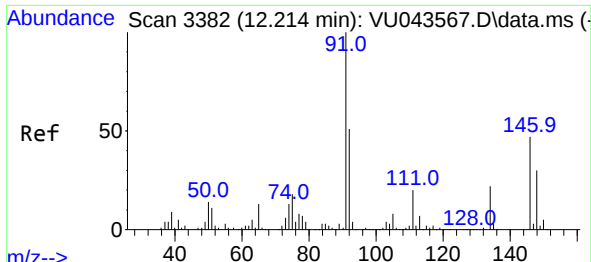
Tgt Ion:105 Resp: 1117
Ion Ratio Lower Upper
105 100
120 38.8 21.4 64.2



#85
sec-Butylbenzene
Concen: 1.50 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.001 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion:105 Resp: 1398
Ion Ratio Lower Upper
105 100
134 13.5 9.2 27.6

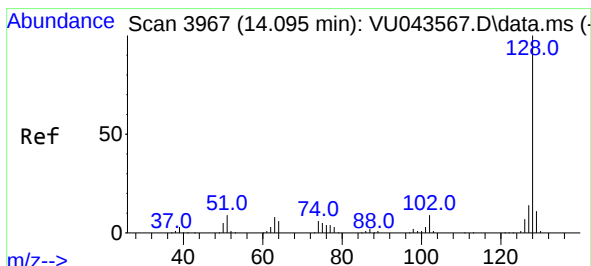
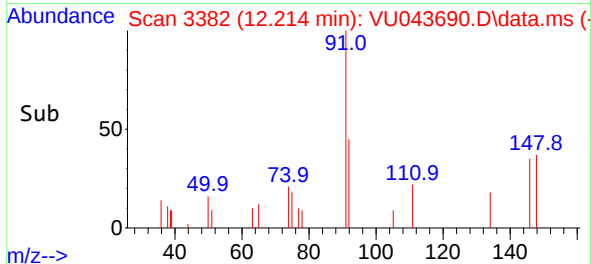
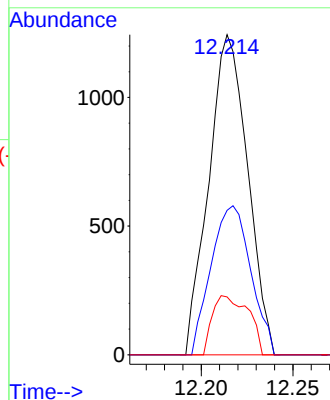
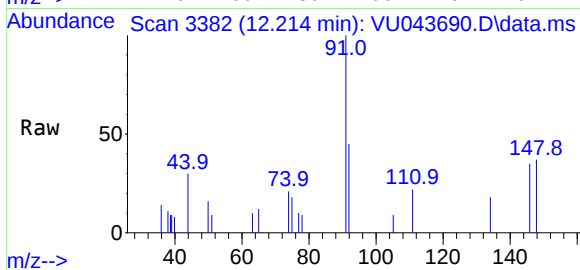




#89
n-Butylbenzene
Concen: 2.77 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Instrument :
MSVOA_U
ClientSampleId :
PB136331TB

Tgt Ion:	91	Resp:	1833
Ion	Ratio	Lower	Upper
91	100		
92	47.7	25.4	76.2
134	17.1	11.3	33.9



#95
Naphthalene
Concen: 2.60 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043690.D
Acq: 12 May 2021 20:06

Tgt Ion:	128	Resp:	9900
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.7	16.1
129	9.9	8.6	12.8

