

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043616.D
 Acq On : 07 May 2021 16:40
 Operator : SY/MD
 Sample : M2304-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C7-GW

Quant Time: May 08 01:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

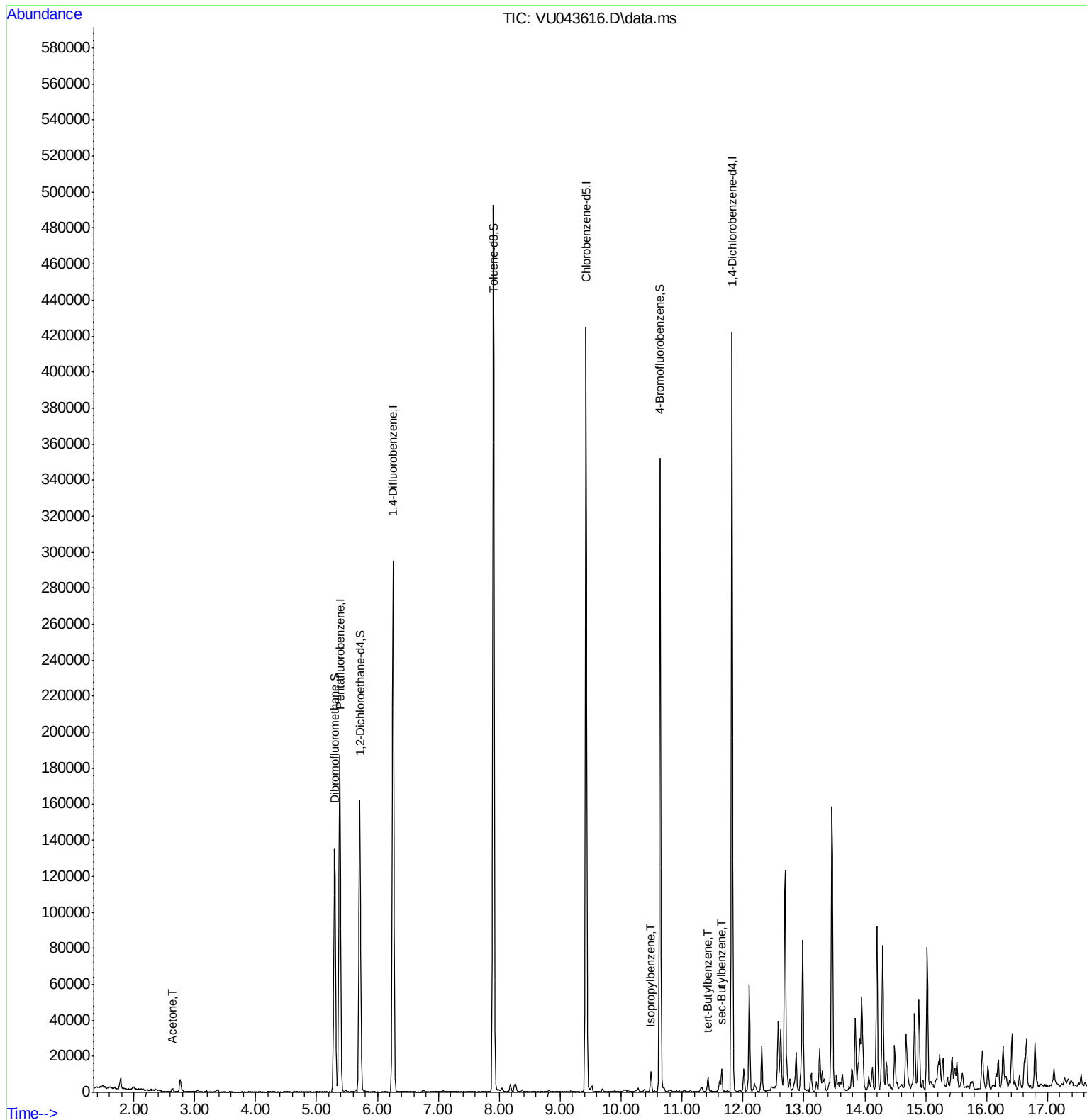
Internal Standards						
1) Pentafluorobenzene	5.382	168	121068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	214307	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	210194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	98671	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	122451	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.298	113	83146	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	7.906	98	297883	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	10.639	95	108417	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
Target Compounds						
16) Acetone	2.633	43	2371	1.74	ug/l	98
73) Isopropylbenzene	10.491	105	6772	0.96	ug/l	97
83) tert-Butylbenzene	11.427	119	3607	0.61	ug/l	86
85) sec-Butylbenzene	11.648	105	7534	2.25	ug/l	99

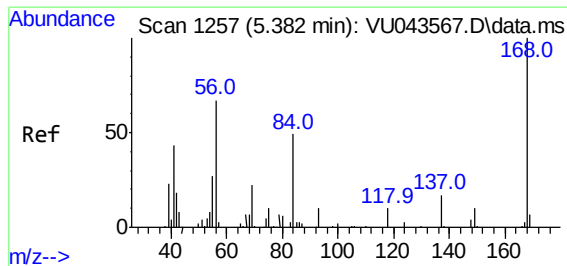
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration

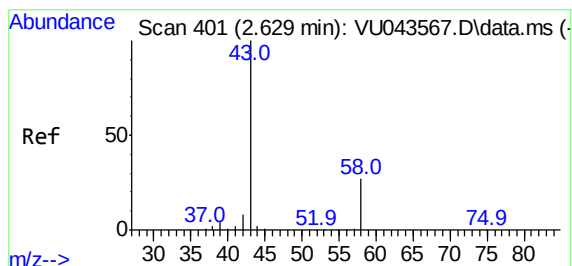
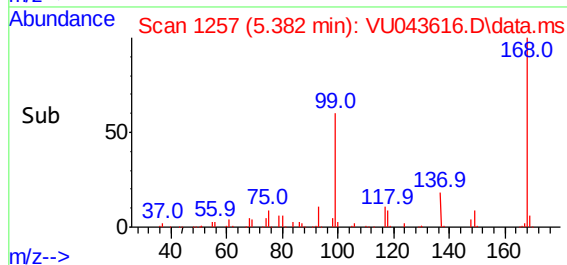
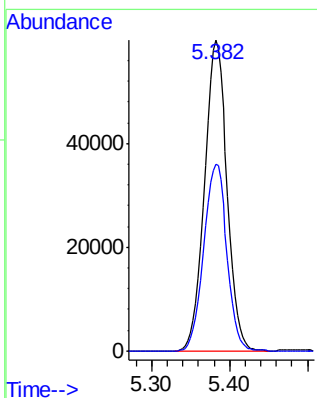
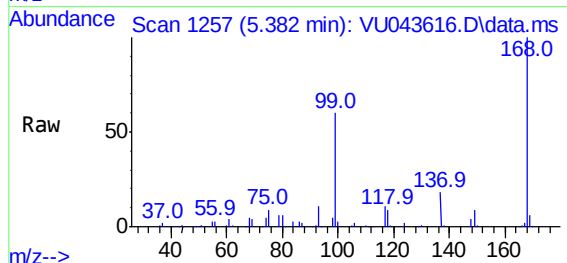




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

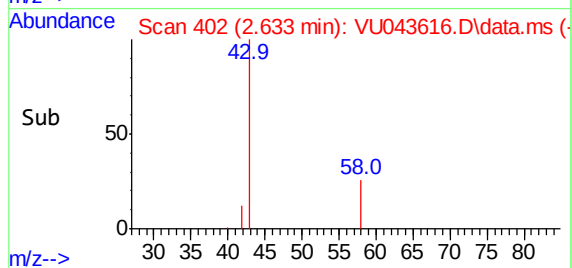
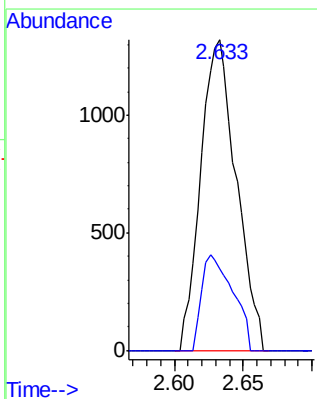
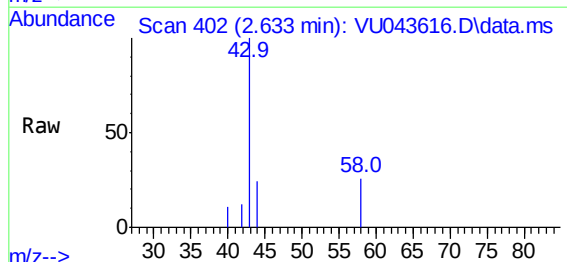
Instrument :
MSVOA_U
ClientSampleId :
OWL-C7-GW

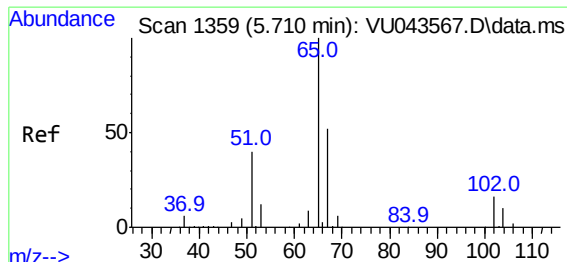
Tgt Ion:168 Resp: 121068
Ion Ratio Lower Upper
168 100
99 59.9 49.0 73.6



#16
Acetone
Concen: 1.74 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
58 26.1 21.7 32.5

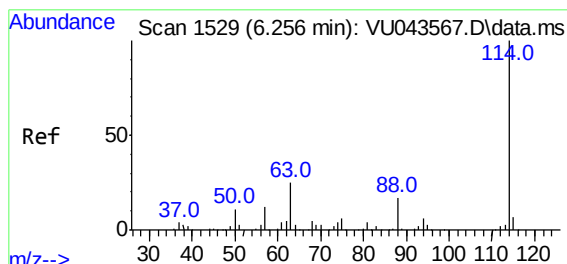
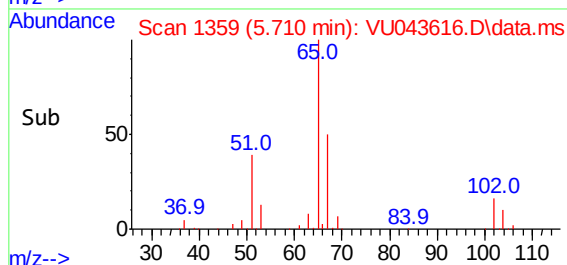
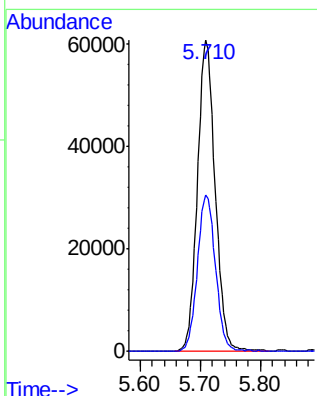
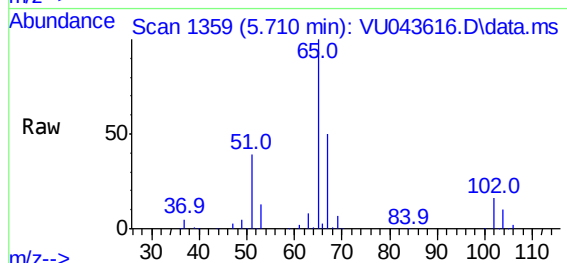




#33
 1,2-Dichloroethane-d4
 Concen: 49.96 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. 0.000 min
 Lab File: VU043616.D
 Acq: 07 May 2021 16:40

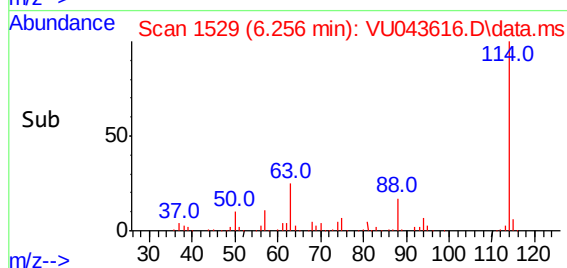
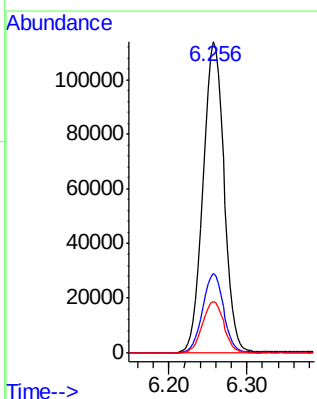
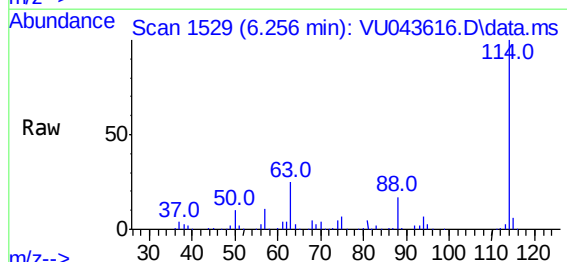
Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C7-GW

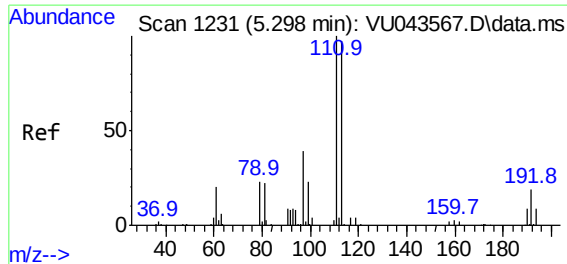
Tgt Ion: 65 Resp: 122451
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU043616.D
 Acq: 07 May 2021 16:40

Tgt Ion:114 Resp: 214307
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.2
 88 16.6 0.0 33.8

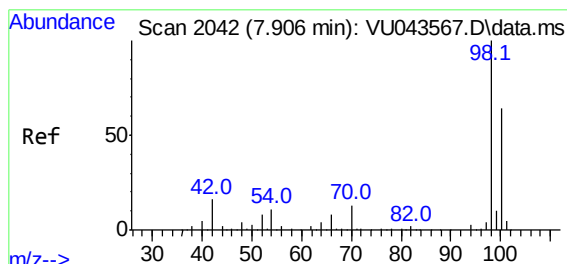
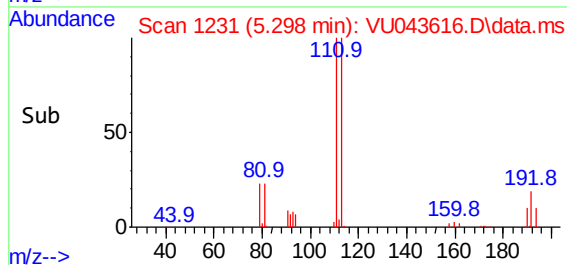
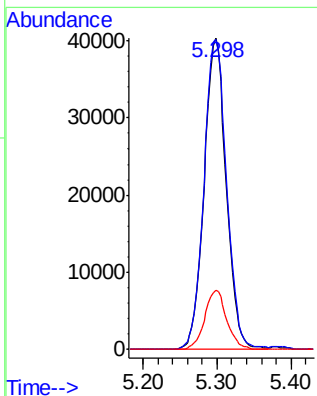
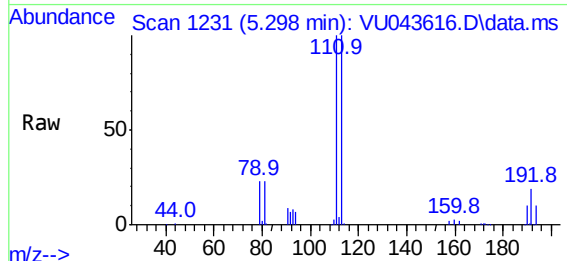




#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

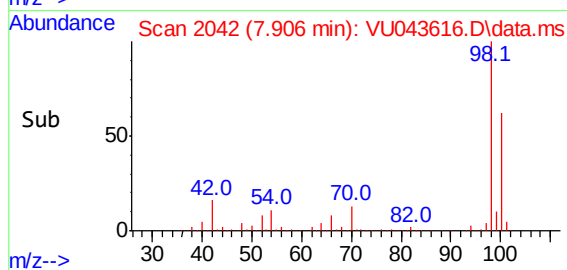
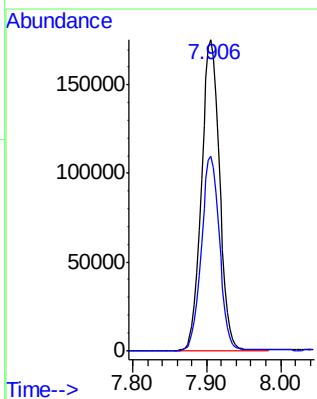
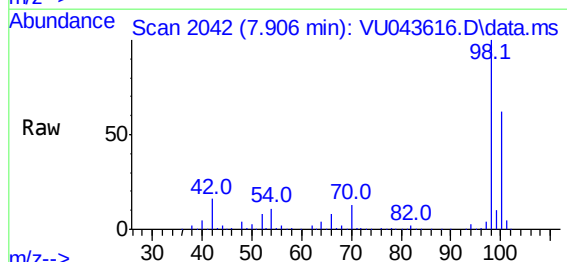
Instrument :
MSVOA_U
ClientSampleId :
OWL-C7-GW

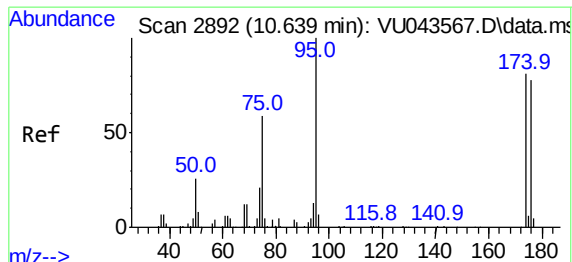
Tgt Ion:113 Resp: 83146
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 18.6 15.8 23.6



#50
Toluene-d8
Concen: 49.16 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

Tgt Ion: 98 Resp: 297883
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7

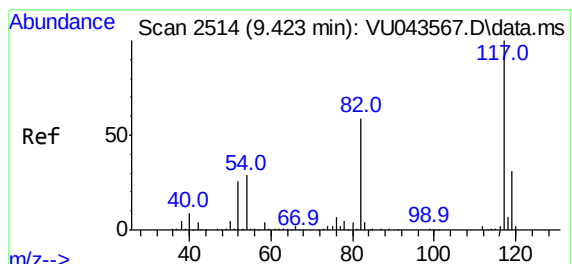
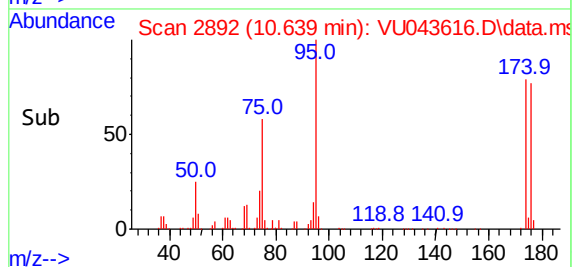
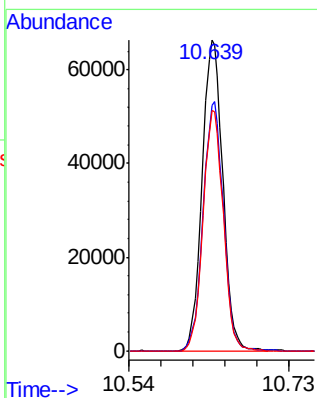
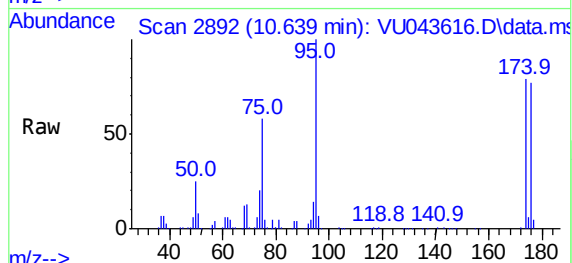




#62
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

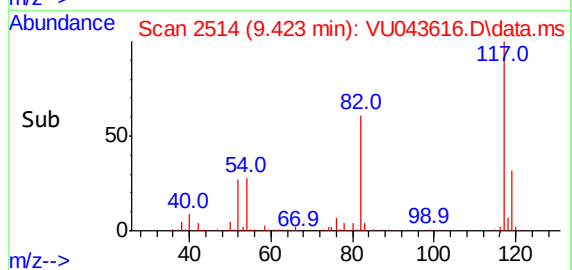
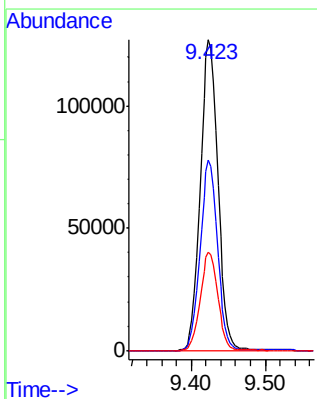
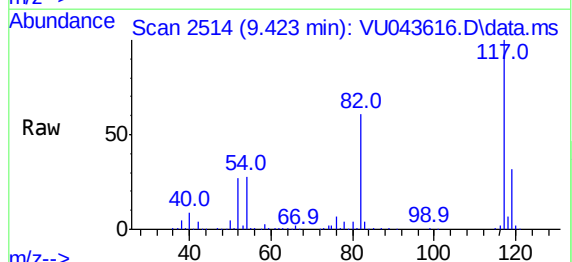
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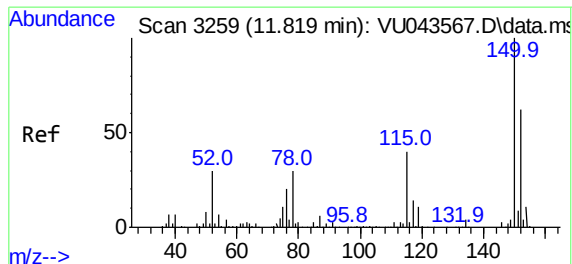
Tgt Ion: 95 Resp: 108417
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.8
176 75.7 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

Tgt Ion: 117 Resp: 210194
Ion Ratio Lower Upper
117 100
82 61.2 47.5 71.3
119 31.7 24.7 37.1

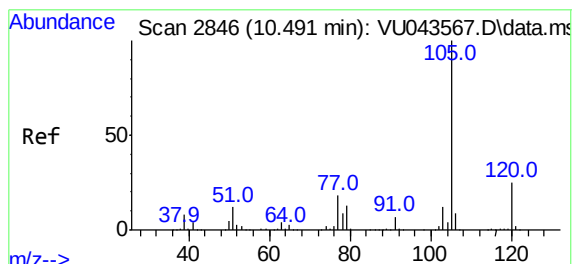
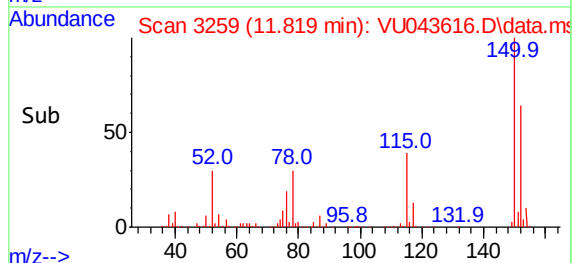
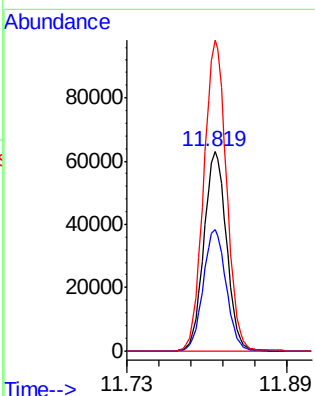
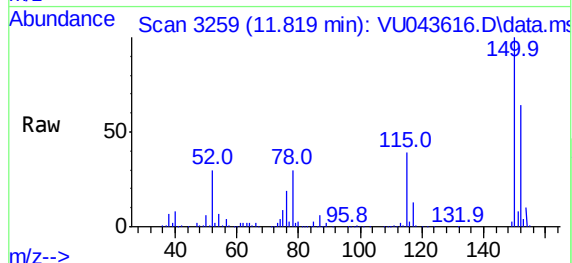




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

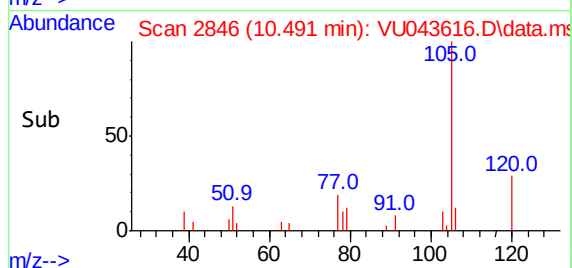
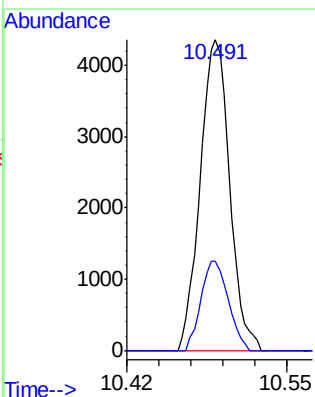
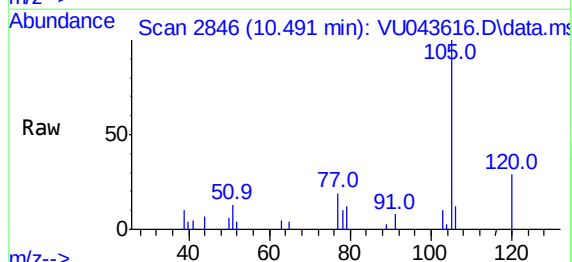
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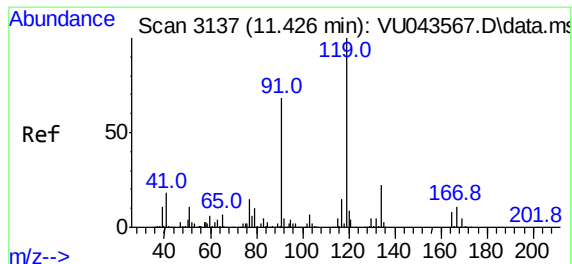
Tgt Ion:152 Resp: 98671
Ion Ratio Lower Upper
152 100
115 61.9 46.1 138.3
150 157.0 0.0 361.0



#73
Isopropylbenzene
Concen: 0.96 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

Tgt Ion:105 Resp: 6772
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

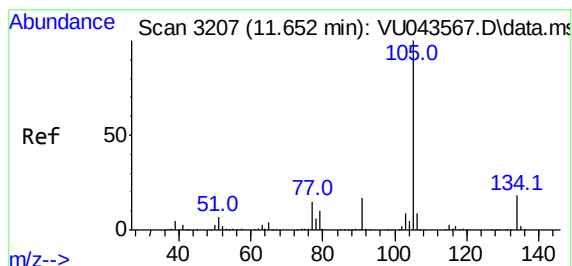
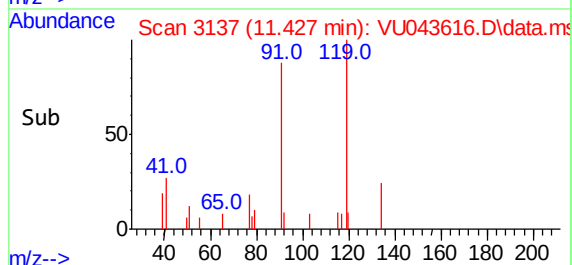
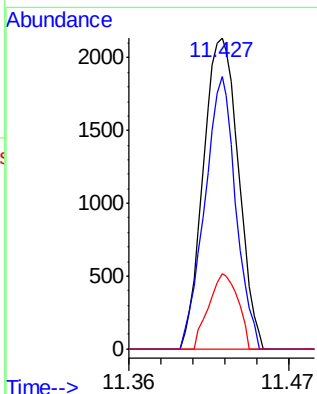
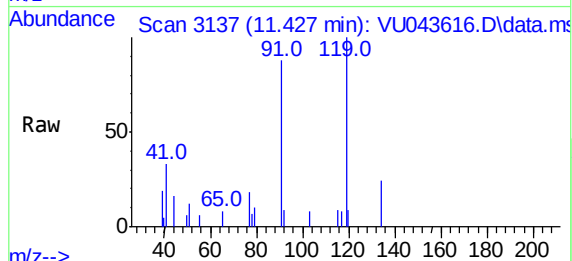




#83
tert-Butylbenzene
Concen: 0.61 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:119 Resp: 3607
Ion Ratio Lower Upper
119 100
91 77.3 32.0 96.0
134 20.1 10.9 32.9



#85
sec-Butylbenzene
Concen: 2.25 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. -0.004 min
Lab File: VU043616.D
Acq: 07 May 2021 16:40

Tgt Ion:105 Resp: 7534
Ion Ratio Lower Upper
105 100
134 17.9 9.2 27.6

