

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043619.D
 Acq On : 07 May 2021 17:50
 Operator : SY/MD
 Sample : M2303-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16

Quant Time: May 08 01:11:41 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)

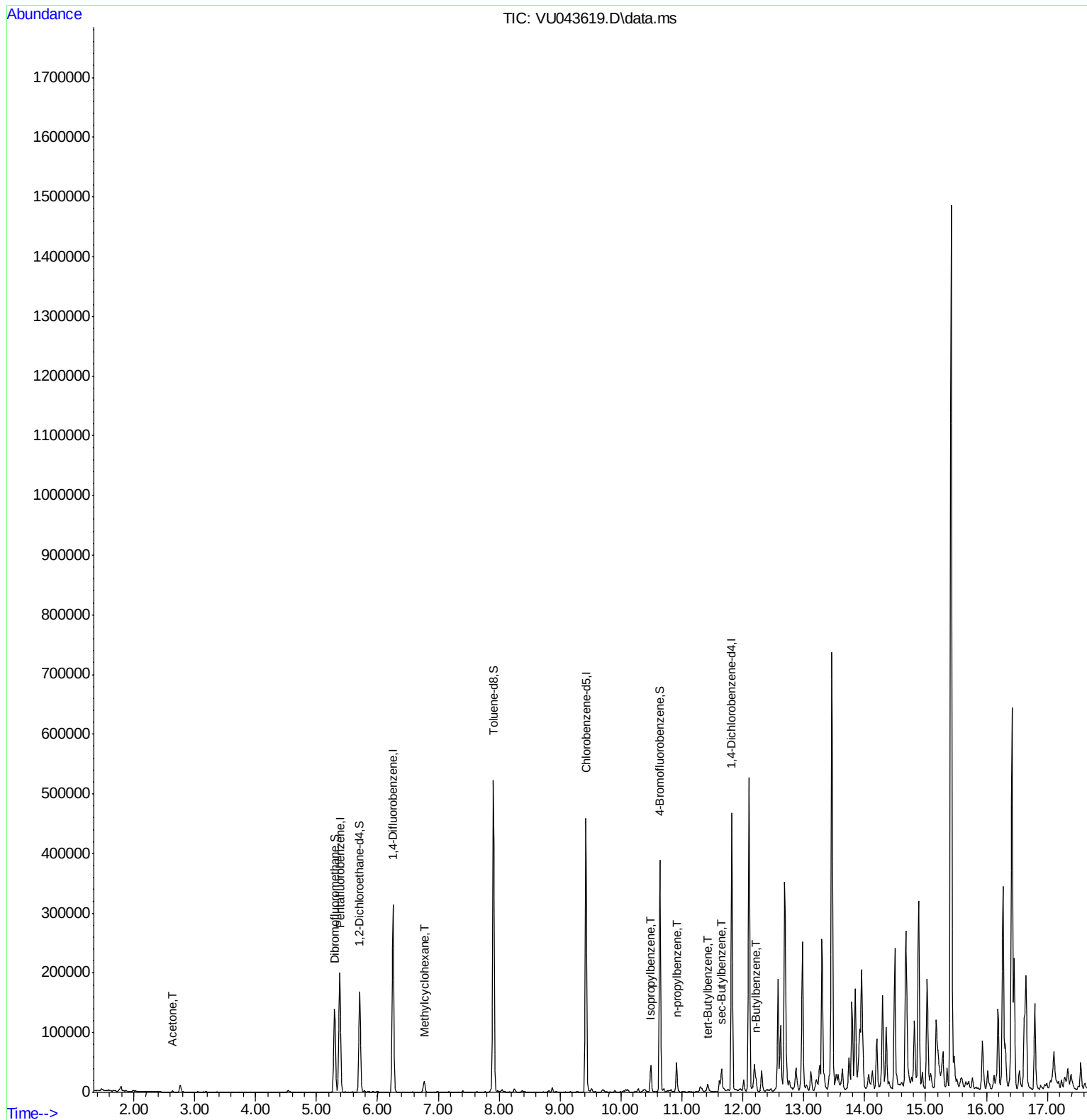
Internal Standards						
1) Pentafluorobenzene	5.382	168	129492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	229902	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	225550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	108658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	127238	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.298	113	86999	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	7.906	98	316959	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	10.639	95	116669	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
Target Compounds						
						Qvalue
16) Acetone	2.633	43	2557	1.76	ug/l	91
39) Methylcyclohexane	6.771	83	6561	2.60	ug/l	97
73) Isopropylbenzene	10.491	105	26130	3.35	ug/l	97
78) n-propylbenzene	10.912	91	35600	3.74	ug/l	99
83) tert-Butylbenzene	11.423	119	4935	0.76	ug/l	90
85) sec-Butylbenzene	11.648	105	22526	3.82	ug/l	99
89) n-Butylbenzene	12.214	91	15544	4.50	ug/l #	72

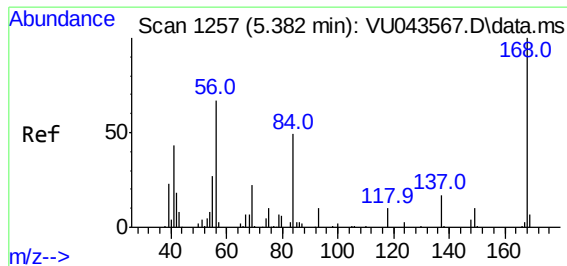
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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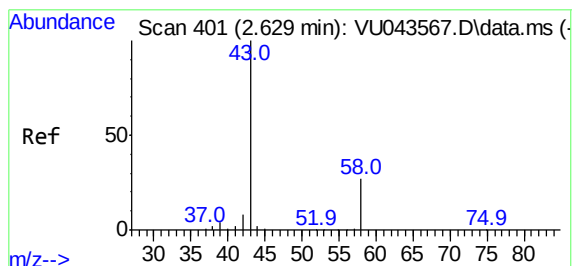
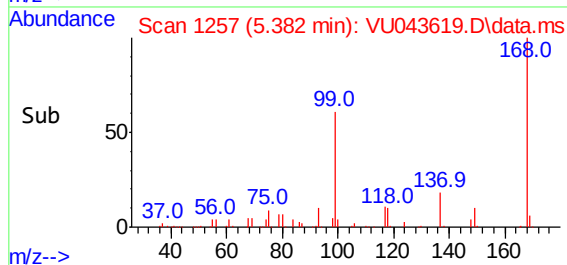
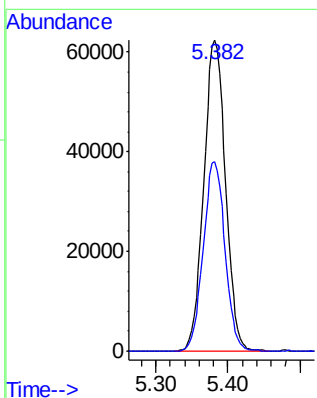
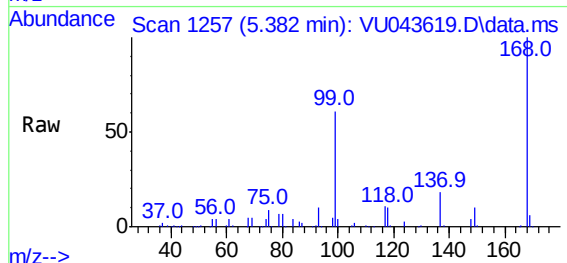




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

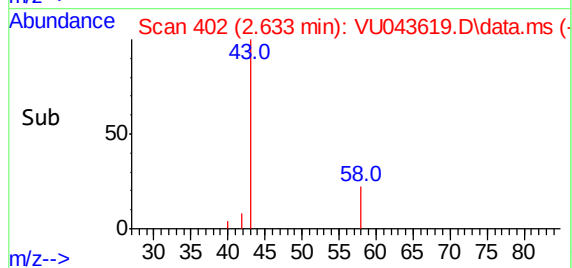
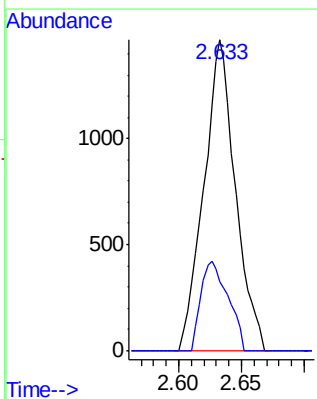
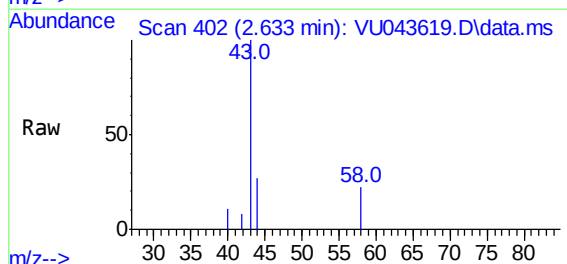
Instrument :
MSVOA_U
ClientSampled :
MW-16

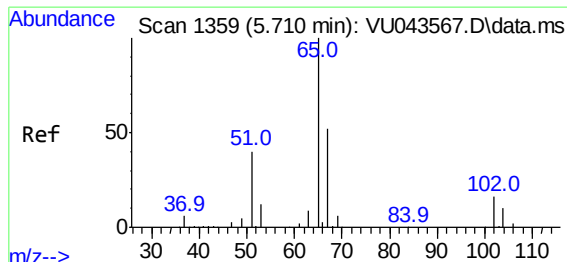
Tgt Ion:168 Resp: 129492
Ion Ratio Lower Upper
168 100
99 61.0 49.0 73.6



#16
Acetone
Concen: 1.76 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

Tgt Ion: 43 Resp: 2557
Ion Ratio Lower Upper
43 100
58 22.3 21.7 32.5

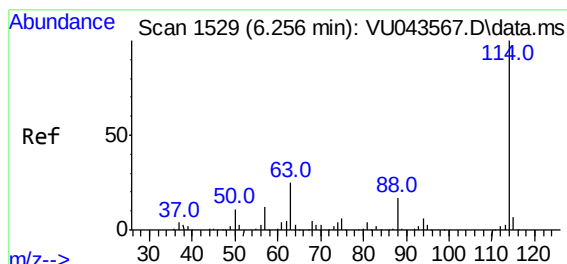
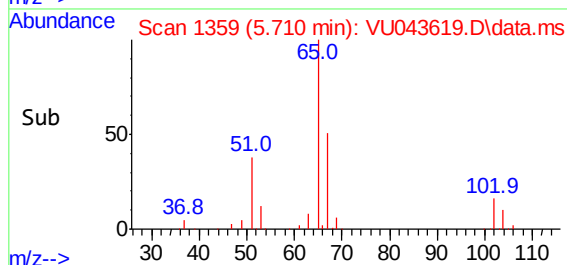
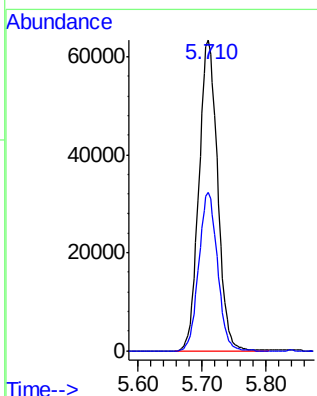
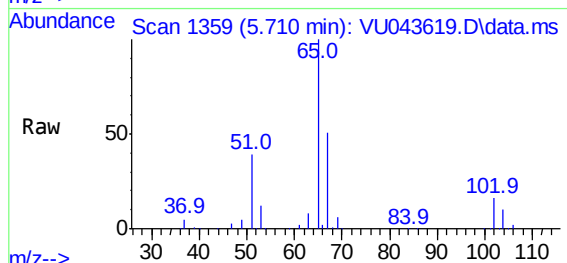




#33
 1,2-Dichloroethane-d4
 Concen: 48.54 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. 0.000 min
 Lab File: VU043619.D
 Acq: 07 May 2021 17:50

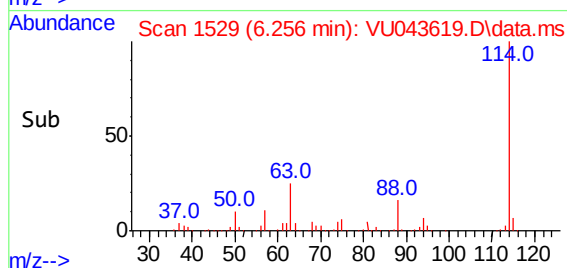
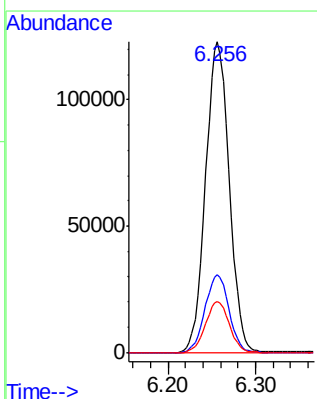
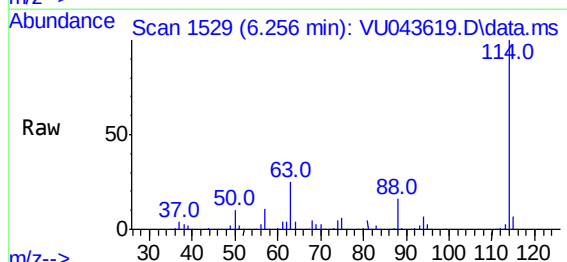
Instrument :
 MSVOA_U
 ClientSampled :
 MW-16

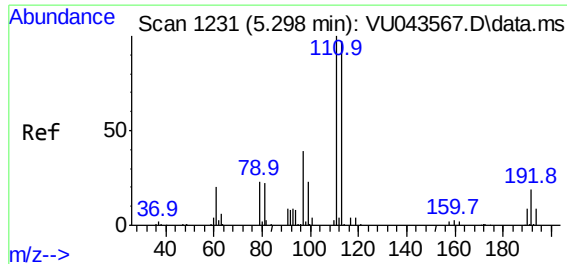
Tgt Ion: 65 Resp: 127238
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU043619.D
 Acq: 07 May 2021 17:50

Tgt Ion:114 Resp: 229902
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.2
 88 16.5 0.0 33.8



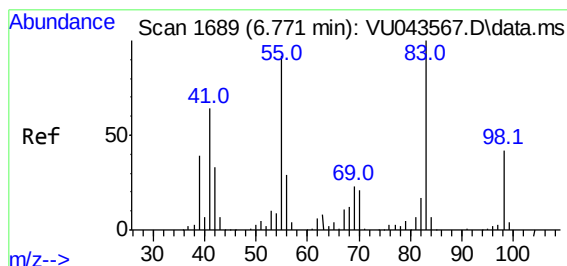
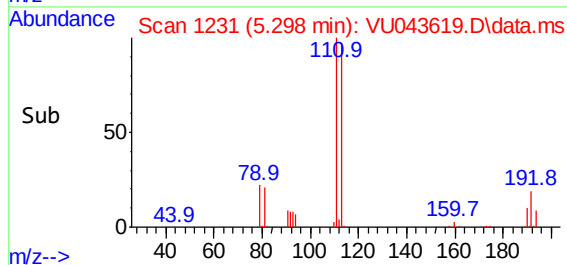
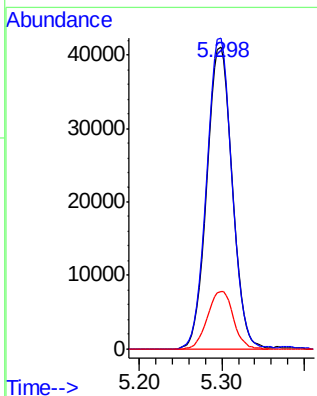
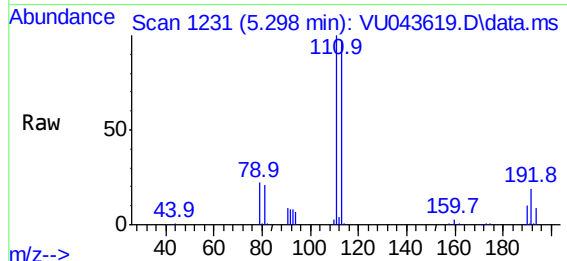


#35
 Dibromofluoromethane
 Concen: 47.45 ug/l
 RT: 5.298 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: VU043619.D
 Acq: 07 May 2021 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16

Tgt Ion:113 Resp: 86999

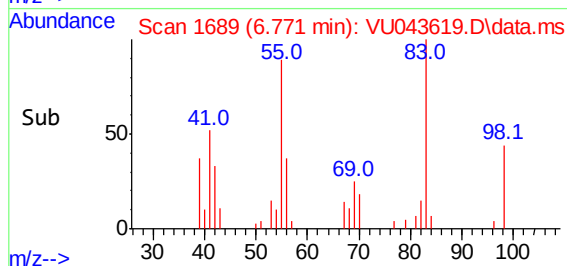
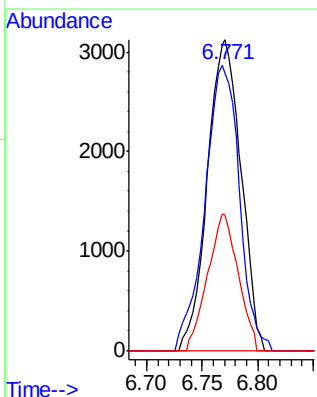
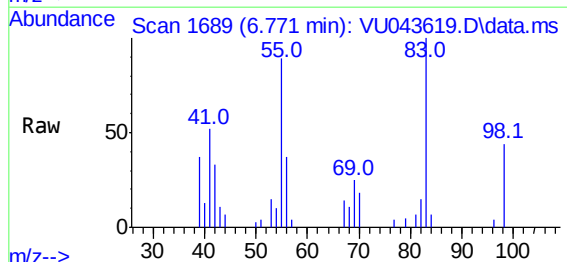
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	19.2	15.8	23.6

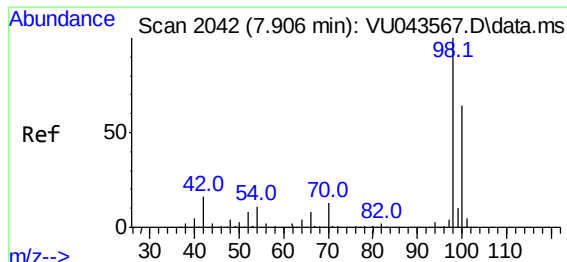


#39
 Methylcyclohexane
 Concen: 2.60 ug/l
 RT: 6.771 min Scan# 1689
 Delta R.T. -0.000 min
 Lab File: VU043619.D
 Acq: 07 May 2021 17:50

Tgt Ion: 83 Resp: 6561

Ion	Ratio	Lower	Upper
83	100		
55	89.4	73.7	110.5
98	43.8	34.0	51.0

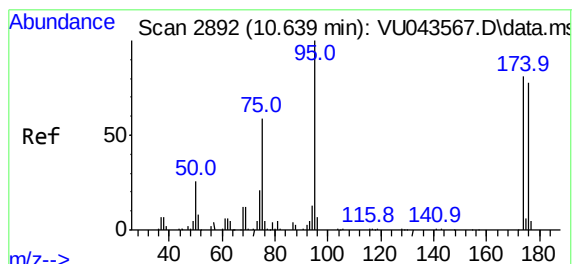
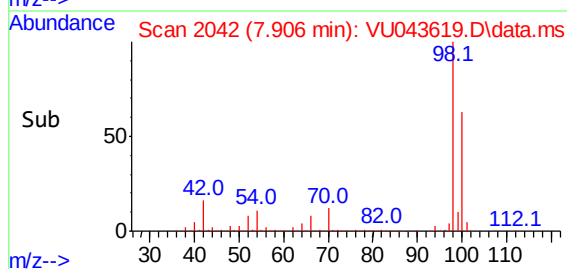
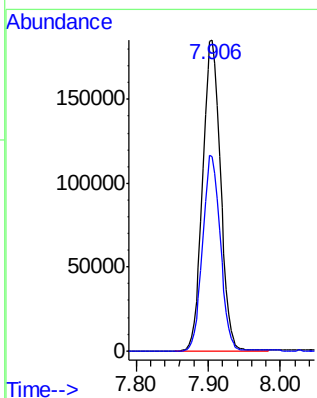
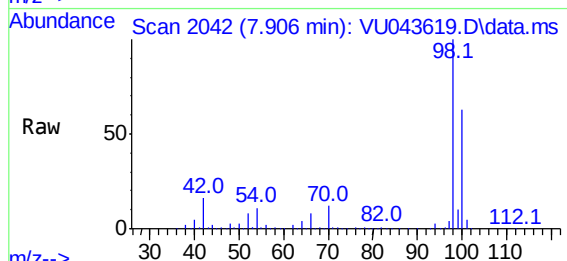




#50
Toluene-d8
Concen: 48.76 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

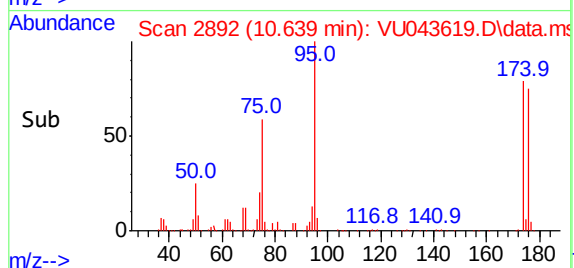
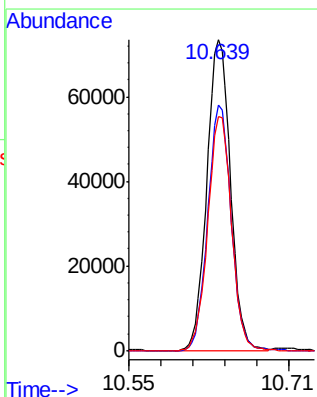
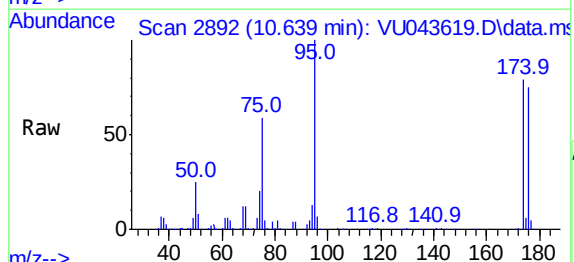
Instrument :
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ClientSampleId :
MW-16

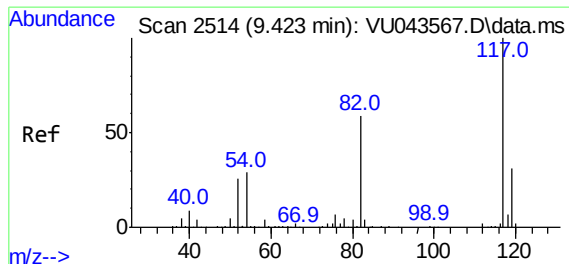
Tgt Ion: 98 Resp: 316959
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.17 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

Tgt Ion: 95 Resp: 116669
Ion Ratio Lower Upper
95 100
174 78.1 0.0 158.8
176 75.6 0.0 155.6

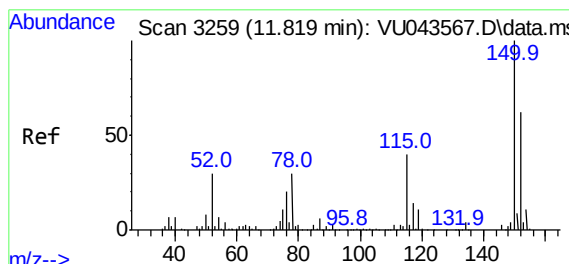
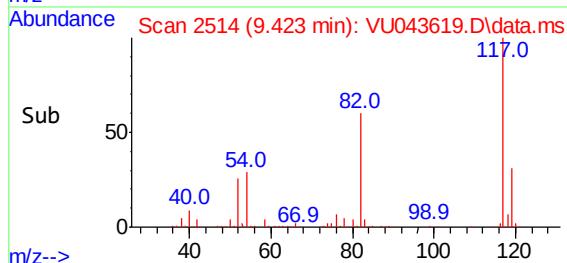
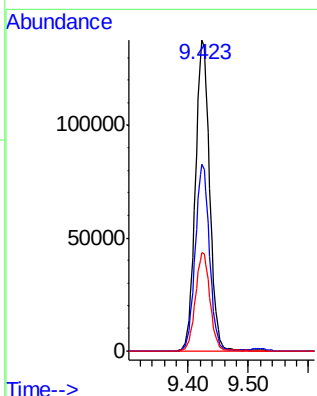
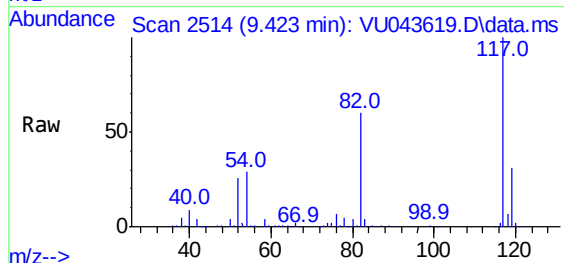




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

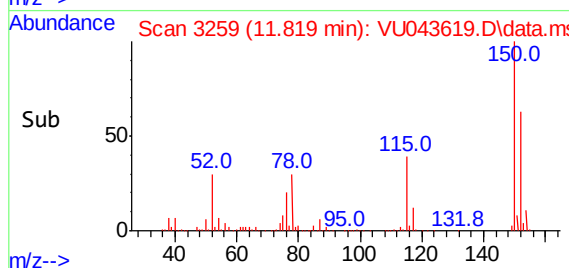
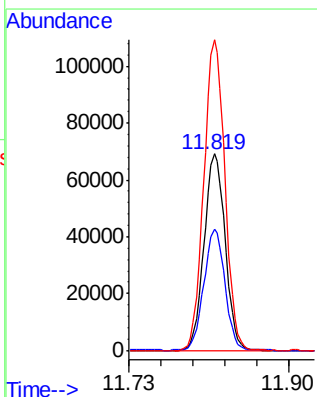
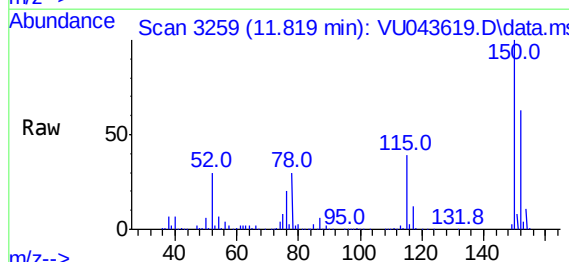
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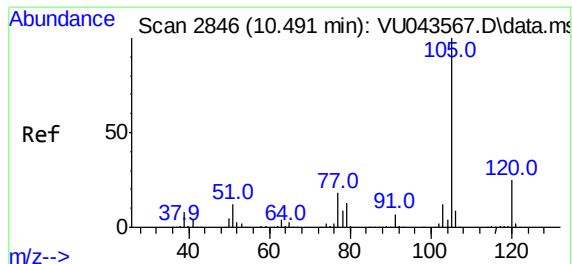
Tgt Ion:117 Resp: 225550
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

Tgt Ion:152 Resp: 108658
Ion Ratio Lower Upper
152 100
115 62.0 46.1 138.3
150 157.8 0.0 361.0

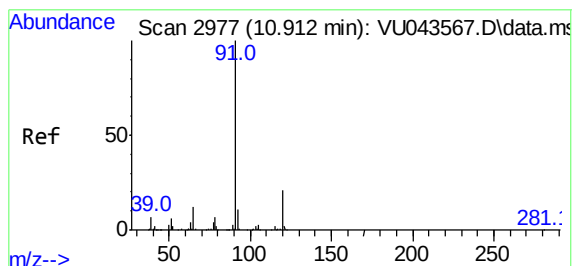
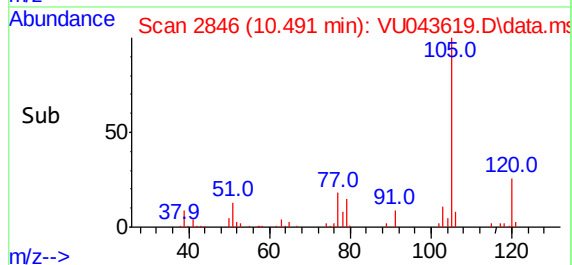
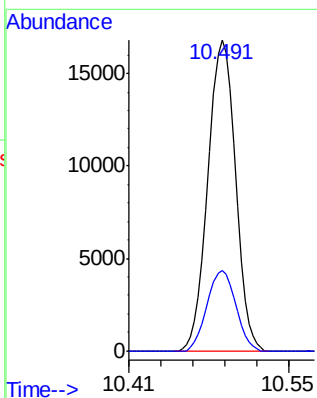
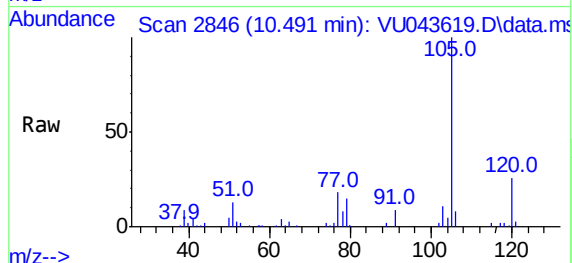




#73
Isopropylbenzene
Concen: 3.35 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

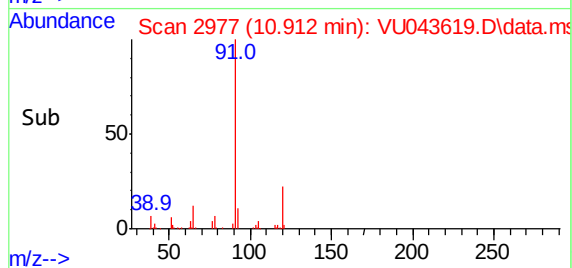
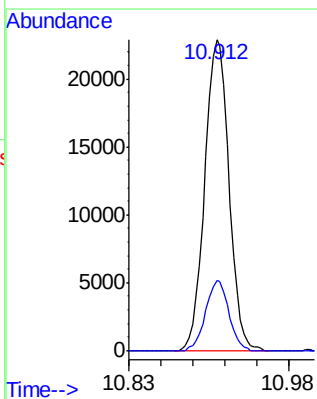
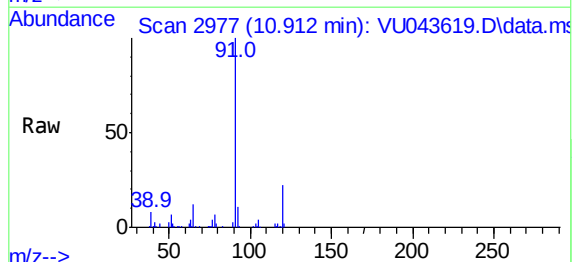
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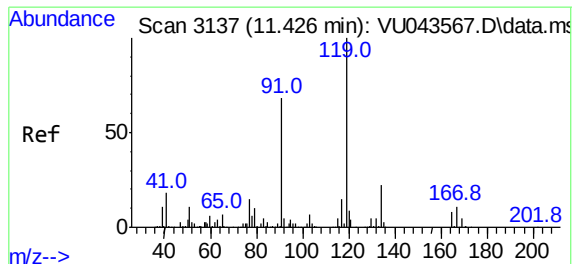
Tgt Ion: 105 Resp: 26130
Ion Ratio Lower Upper
105 100
120 26.8 12.6 37.6



#78
n-propylbenzene
Concen: 3.74 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

Tgt Ion: 91 Resp: 35600
Ion Ratio Lower Upper
91 100
120 21.4 10.4 31.2

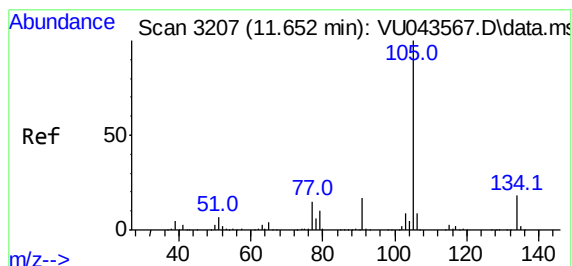
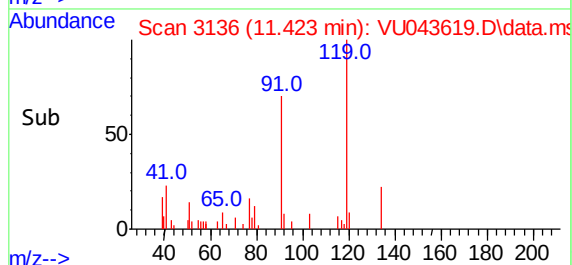
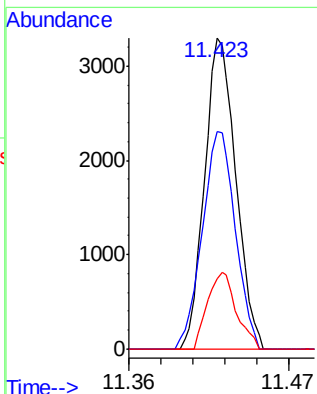
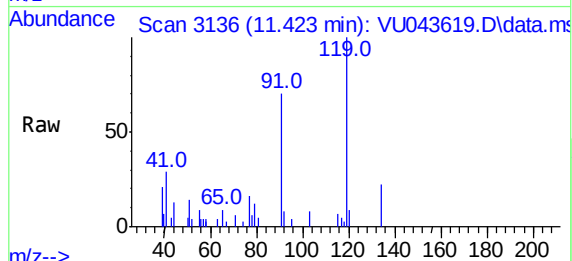




#83
tert-Butylbenzene
Concen: 0.76 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

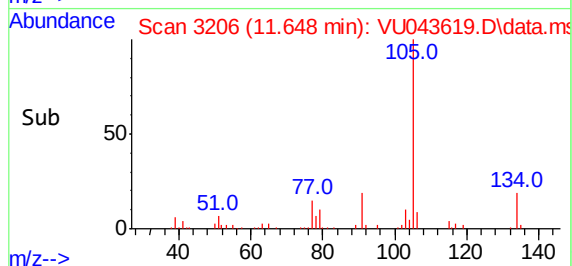
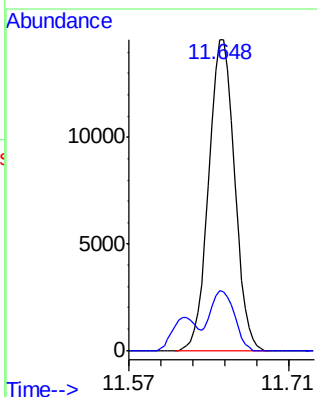
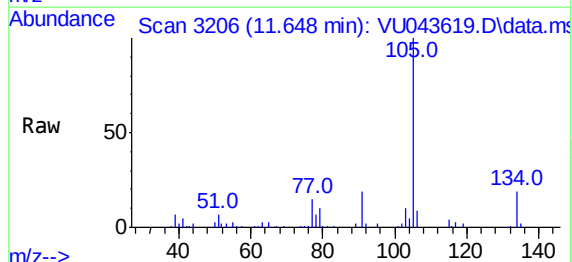
Instrument :
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MW-16

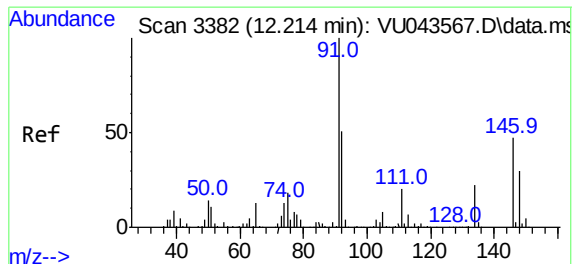
Tgt Ion:119 Resp: 4935
Ion Ratio Lower Upper
119 100
91 74.0 32.0 96.0
134 22.6 10.9 32.9



#85
sec-Butylbenzene
Concen: 3.82 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. -0.004 min
Lab File: VU043619.D
Acq: 07 May 2021 17:50

Tgt Ion:105 Resp: 22526
Ion Ratio Lower Upper
105 100
134 18.1 9.2 27.6





#89
 n-Butylbenzene
 Concen: 4.50 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU043619.D
 Acq: 07 May 2021 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16

Tgt Ion: 91 Resp: 15544
 Ion Ratio Lower Upper
 91 100
 92 36.9 25.4 76.2
 134 0.0 11.3 33.9#

