

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068845.D
 Acq On : 7 Oct 2021 16:48
 Operator : JC/MD
 Sample : M4111-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GROWS-3

Manual Integrations
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Quant Time: Oct 08 06:00:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	447204	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	774255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	707172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	258487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	318808	48.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.02%		
35) Dibromofluoromethane	8.024	113	239605	47.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.22%		
50) Toluene-d8	10.443	98	976305	49.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.44%		
62) 4-Bromofluorobenzene	12.734	95	305392	41.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.26%		
Target Compounds						
20) Methylene Chloride	5.101	84	29622	4.08	ug/l	Qvalue 90
25) 2-Butanone	7.340	43	7899m	2.63	ug/l	

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

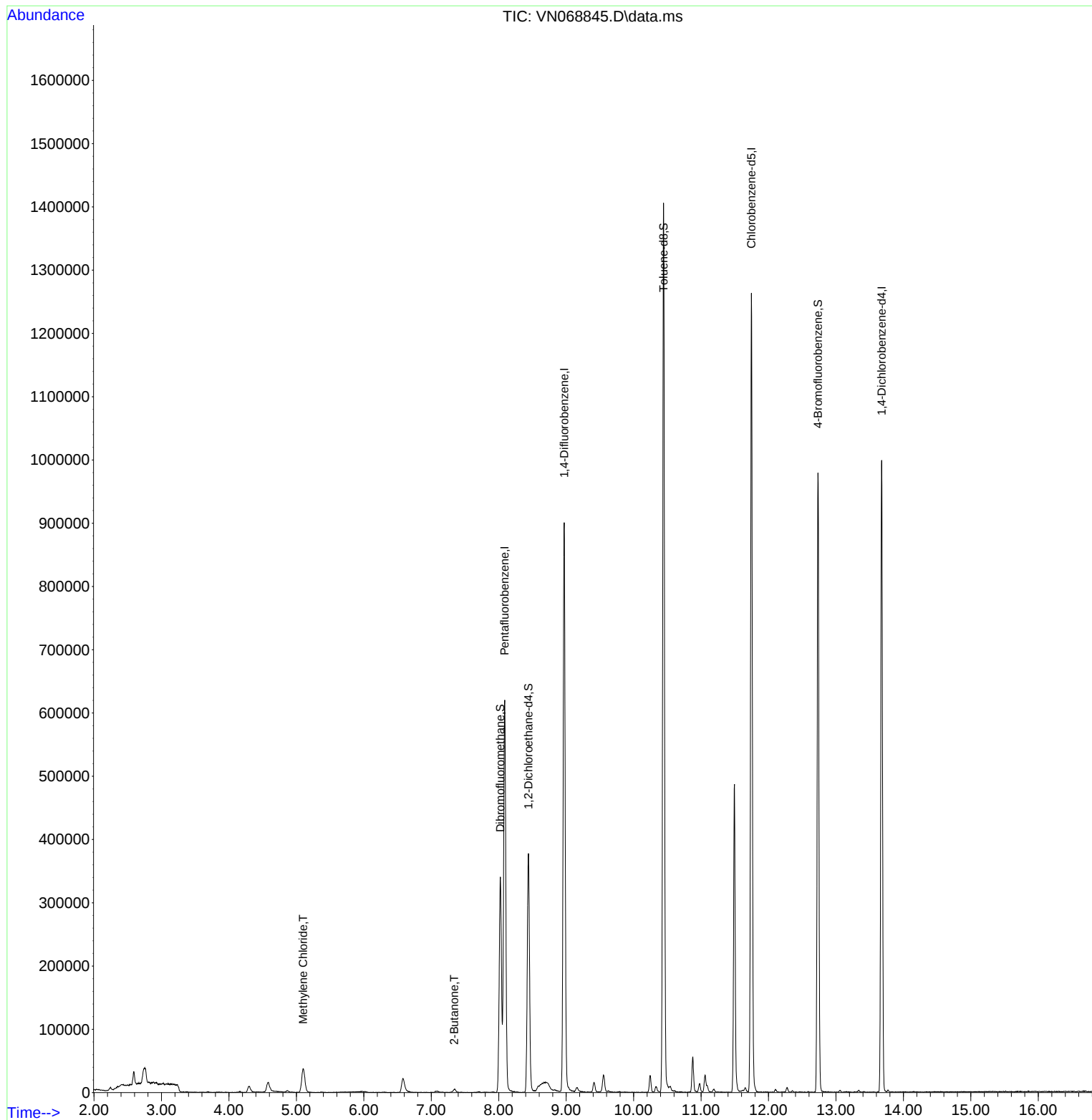
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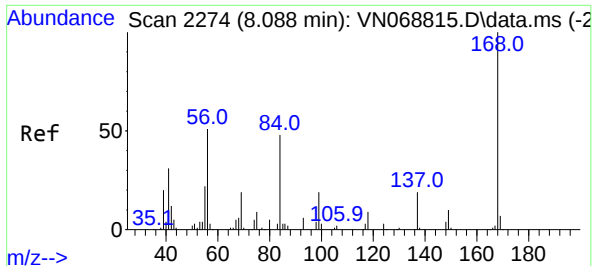
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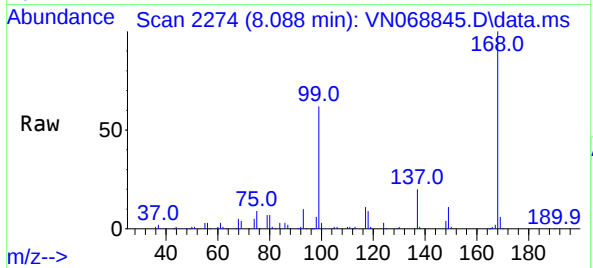
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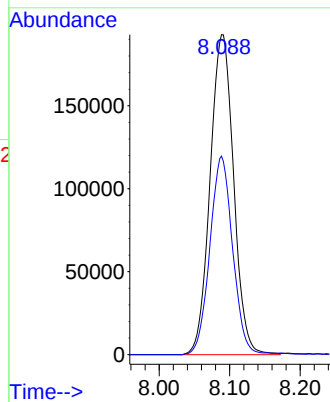
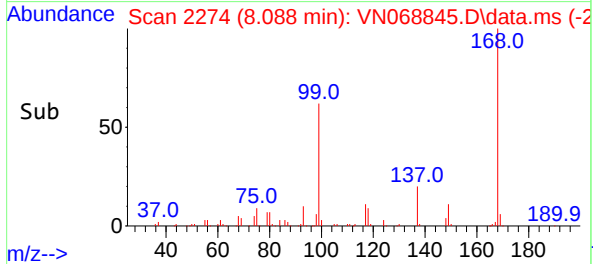




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48



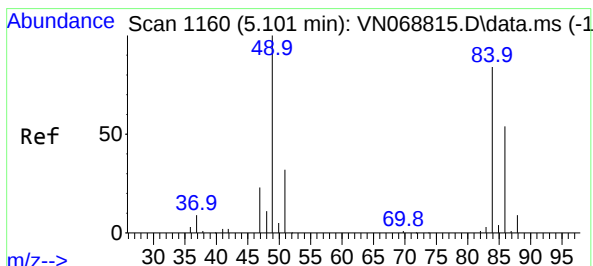
Tgt Ion:168 Resp: 447204
Ion Ratio Lower Upper
168 100
99 62.1 62.9 94.3#



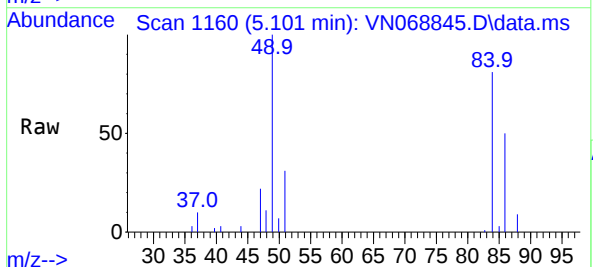
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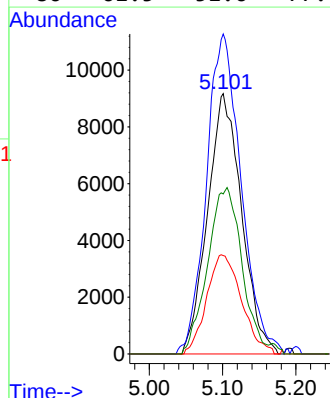
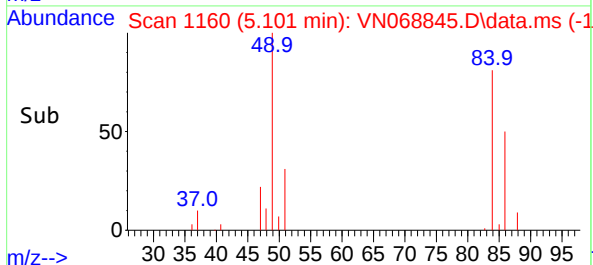
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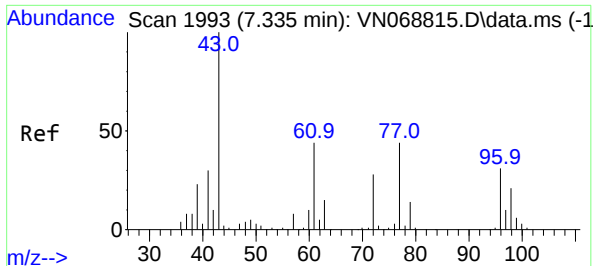


#20
Methylene Chloride
Concen: 4.08 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48



Tgt Ion: 84 Resp: 29622
Ion Ratio Lower Upper
84 100
49 120.2 110.9 166.3
51 37.8 32.6 49.0
86 61.5 51.6 77.4





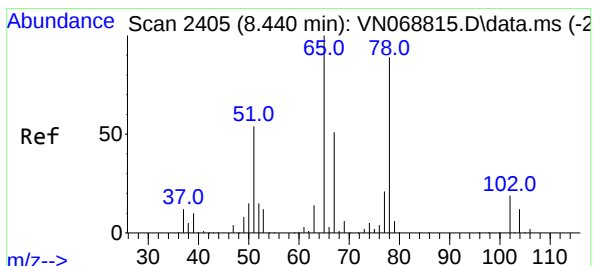
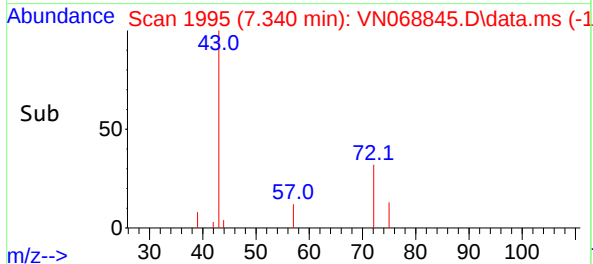
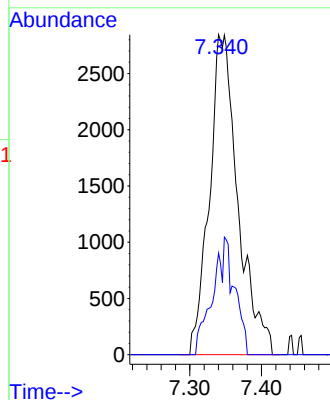
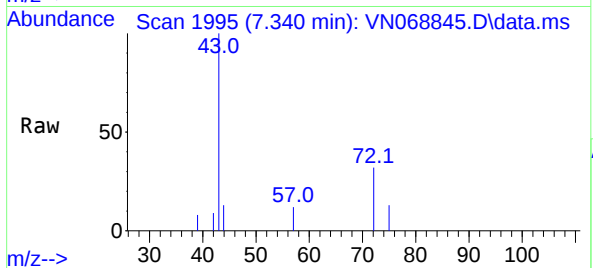
#25
2-Butanone
Concen: 2.63 ug/l m
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion: 43 Resp: 7899
Ion Ratio Lower Upper
43 100
72 31.8 19.7 29.5#

Instrument :
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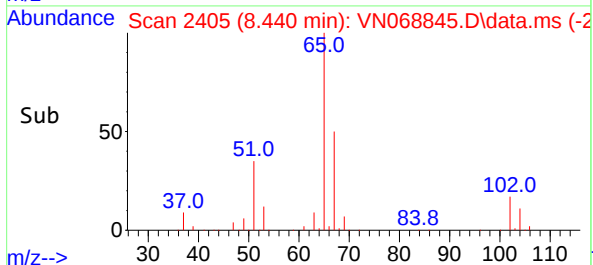
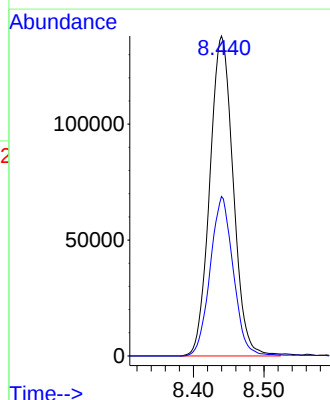
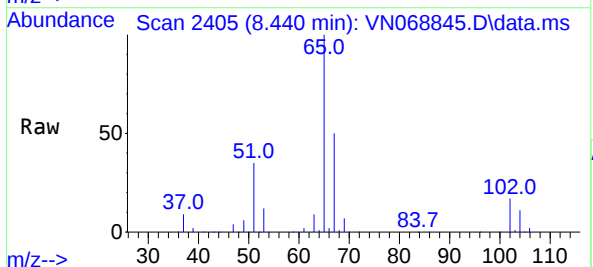
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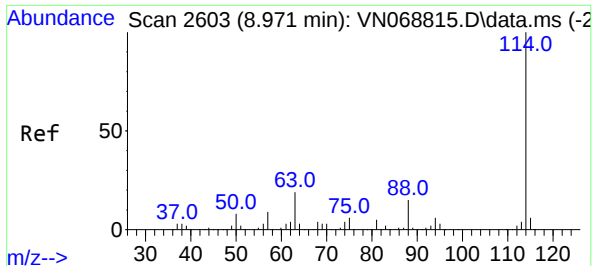
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#33
1,2-Dichloroethane-d4
Concen: 48.51 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion: 65 Resp: 318808
Ion Ratio Lower Upper
65 100
67 49.1 0.0 98.6





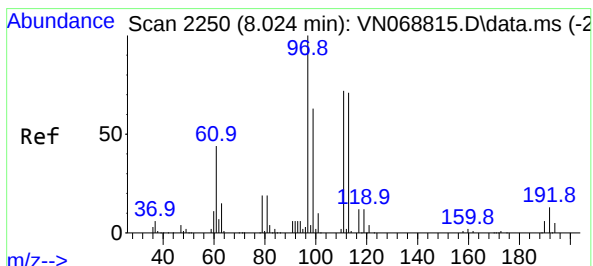
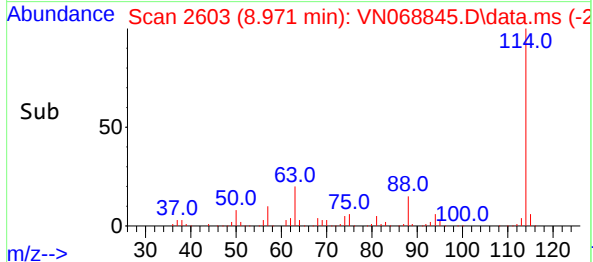
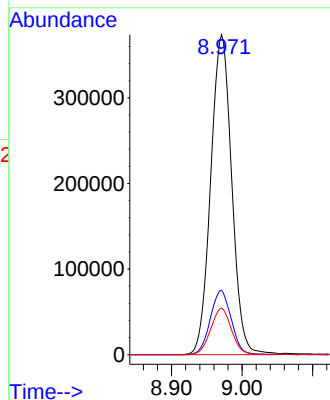
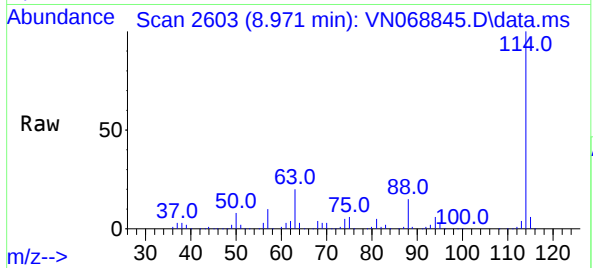
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion:114 Resp: 774255
Ion Ratio Lower Upper
114 100
63 20.2 0.0 49.0
88 14.6 0.0 36.6

Instrument :
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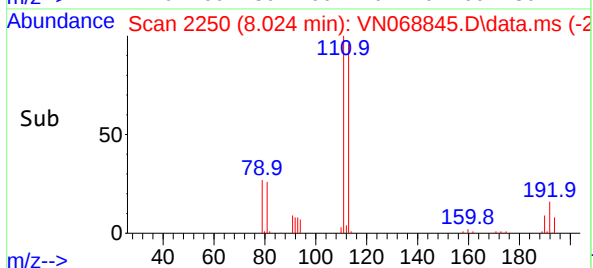
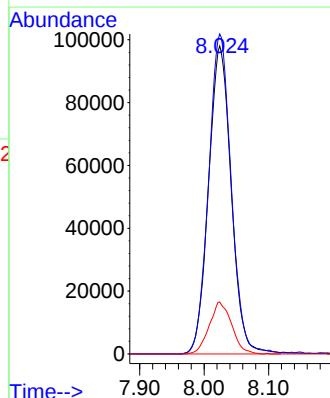
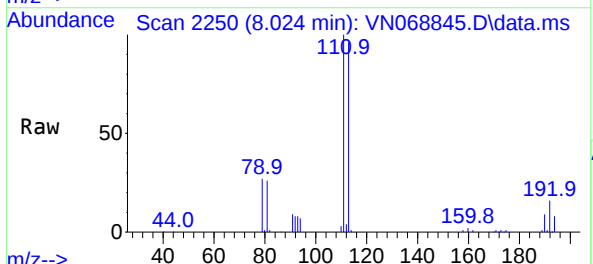
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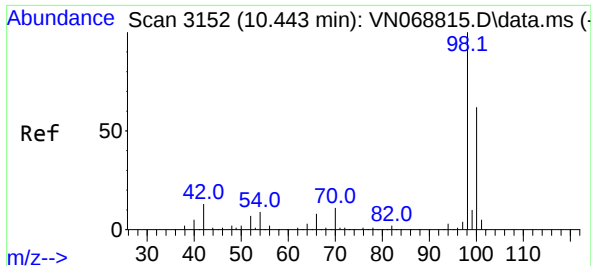
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#35
Dibromofluoromethane
Concen: 47.11 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion:113 Resp: 239605
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 16.7 13.4 20.0





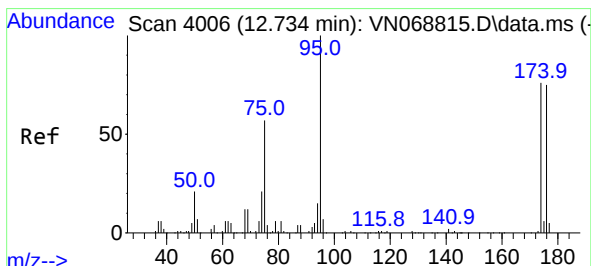
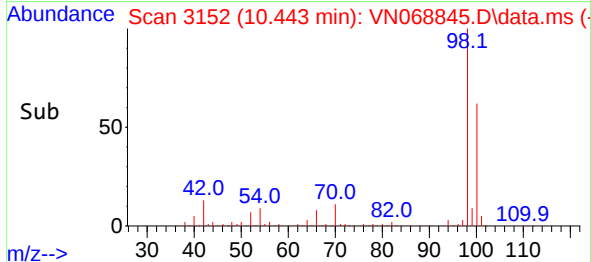
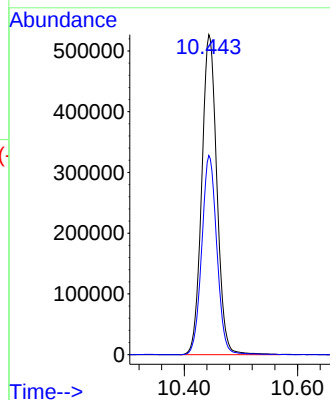
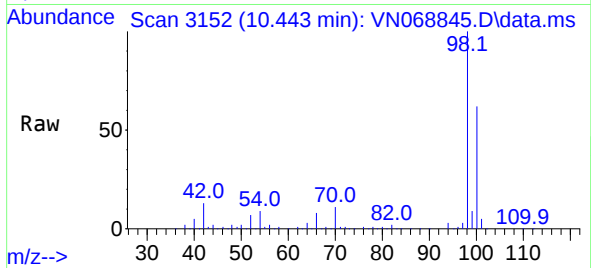
#50
Toluene-d8
Concen: 49.22 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion: 98 Resp: 976305
Ion Ratio Lower Upper
98 100
100 62.2 51.7 77.5

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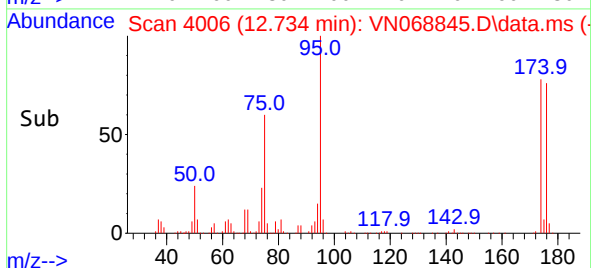
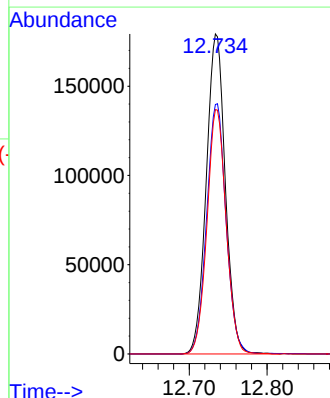
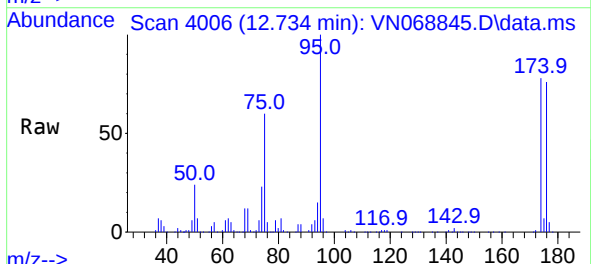
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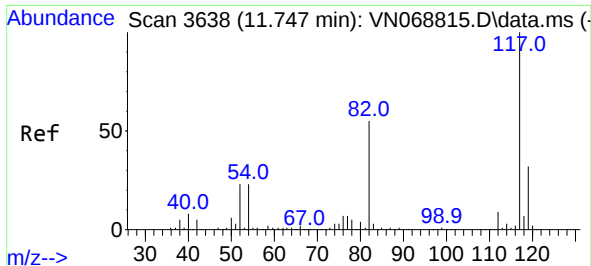
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#62
4-Bromofluorobenzene
Concen: 41.63 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion: 95 Resp: 305392
Ion Ratio Lower Upper
95 100
174 79.6 0.0 122.0
176 76.6 0.0 117.6





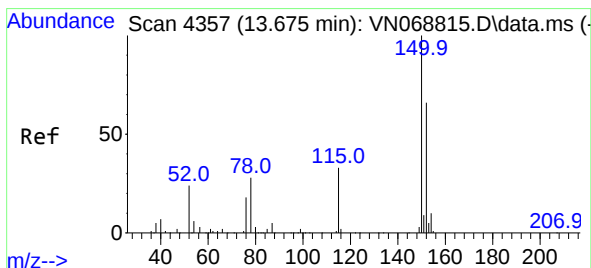
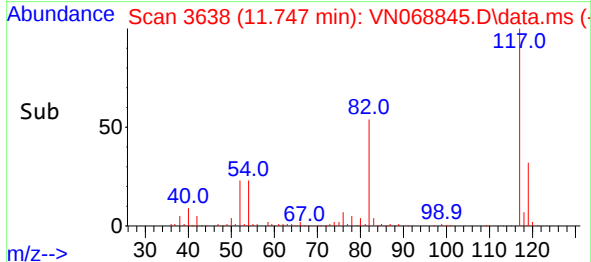
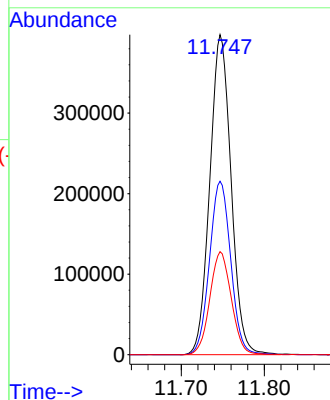
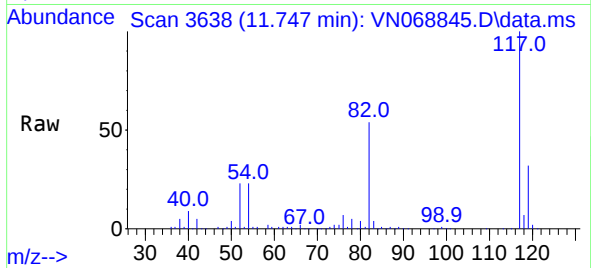
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion:117 Resp: 707172
Ion Ratio Lower Upper
117 100
82 54.2 53.1 79.7
119 32.2 25.5 38.3

Instrument :
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ClientSampled :
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068845.D
Acq: 7 Oct 2021 16:48

Tgt Ion:152 Resp: 258487
Ion Ratio Lower Upper
152 100
115 60.7 36.1 108.5
150 156.4 0.0 351.8

