

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068169.D
 Acq On : 18 Aug 2021 3:06
 Operator : JC/MD
 Sample : M3446-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW6B-GW-20210816

Quant Time: Aug 18 08:41:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

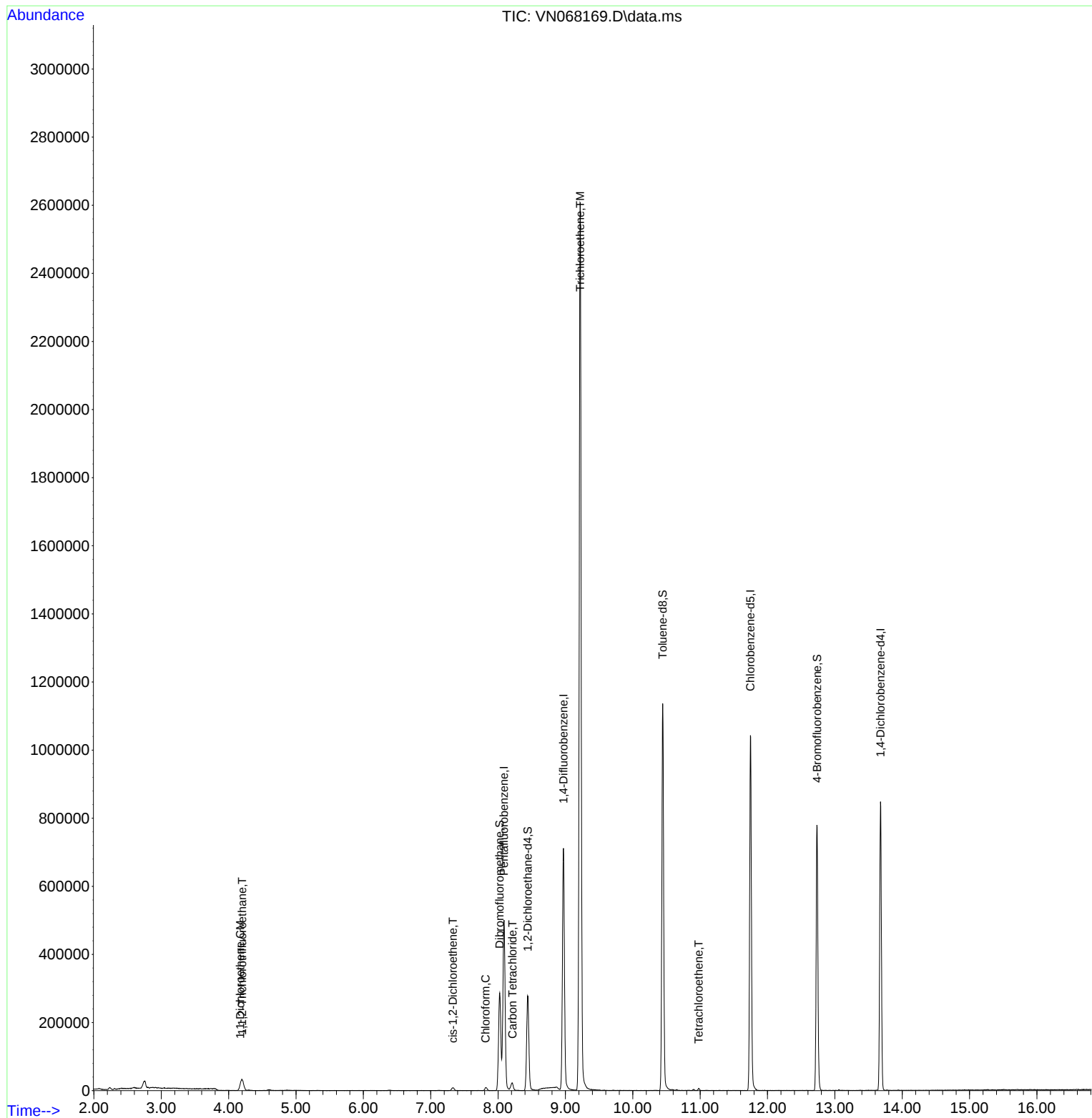
Internal Standards						
1) Pentafluorobenzene	8.088	168	413513	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	687560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	680354	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	253489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	235801	53.407	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.820%			
35) Dibromofluoromethane	8.024	113	207973	48.179	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.360%			
50) Toluene-d8	10.443	98	835420	50.791	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.736	95	267809	48.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.820%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.202	101	18960	5.438	ug/l #	75
12) 1,1-Dichloroethene	4.173	96	7252	2.163	ug/l #	64
27) cis-1,2-Dichloroethene	7.329	96	4465	0.994	ug/l	33
30) Chloroform	7.815	83	8993	1.207	ug/l	93
38) Carbon Tetrachloride	8.212	117	16580	2.558	ug/l #	95
44) Trichloroethene	9.220	130	997422	193.345	ug/l	78
64) Tetrachloroethene	10.980	164	1455	0.277	ug/l #	74

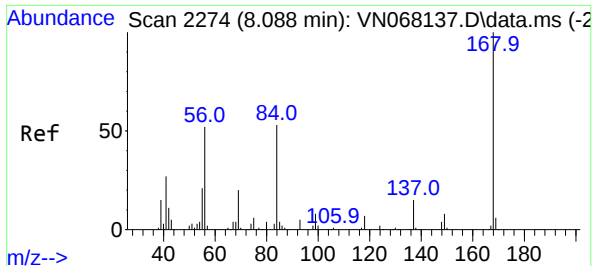
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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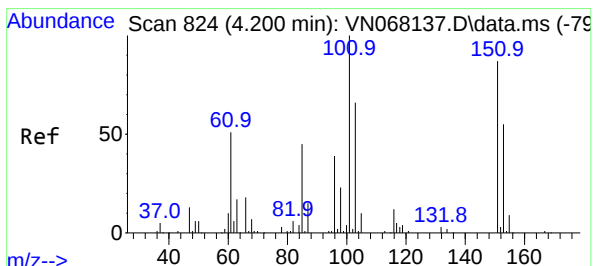
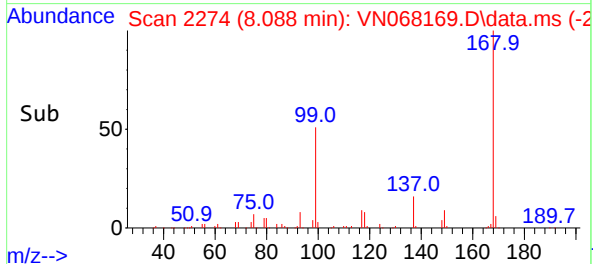
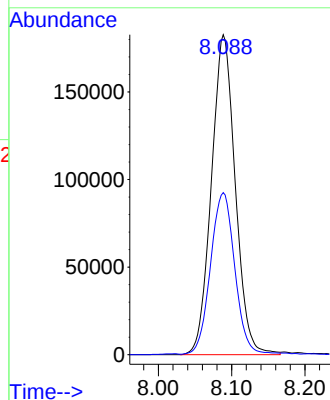
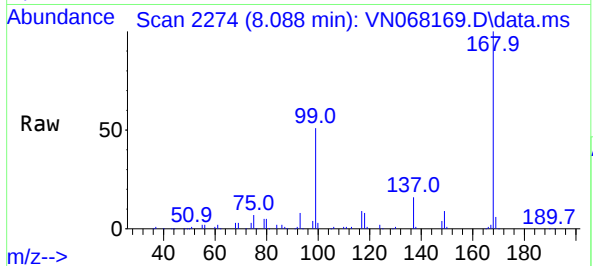




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

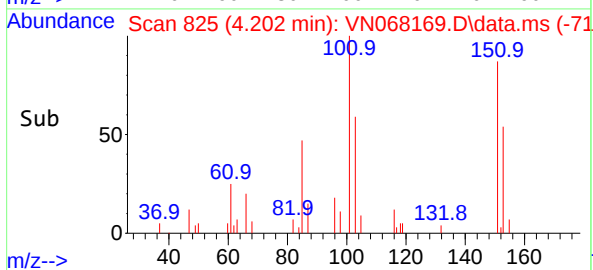
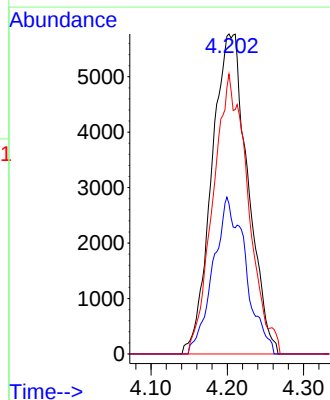
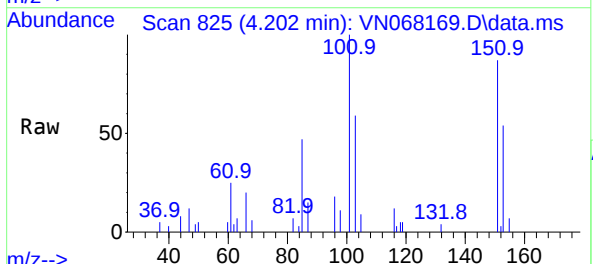
Instrument :
MSVOA_N
ClientSampleId :
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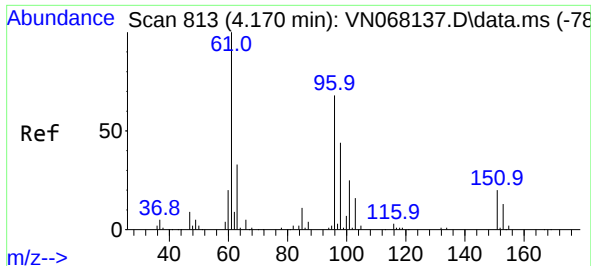
Tgt Ion:168 Resp: 413513
Ion Ratio Lower Upper
168 100
99 50.5 62.9 94.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.438 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.002 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Tgt Ion:101 Resp: 18960
Ion Ratio Lower Upper
101 100
85 28.4 39.6 59.4#
151 84.9 54.1 81.1#

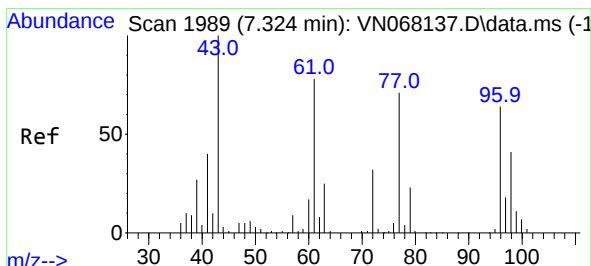
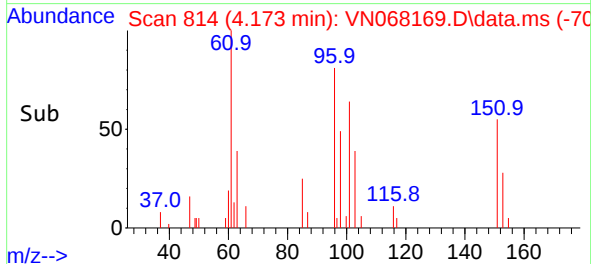
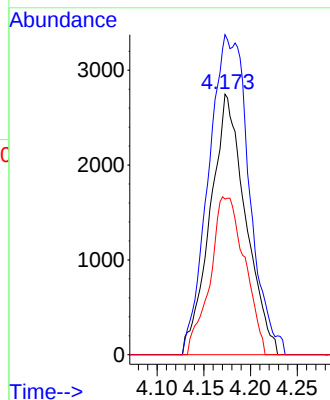
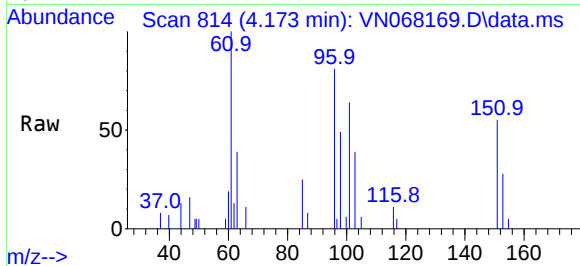




#12
1,1-Dichloroethene
Concen: 2.163 ug/l
RT: 4.173 min Scan# 814
Delta R.T. 0.003 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

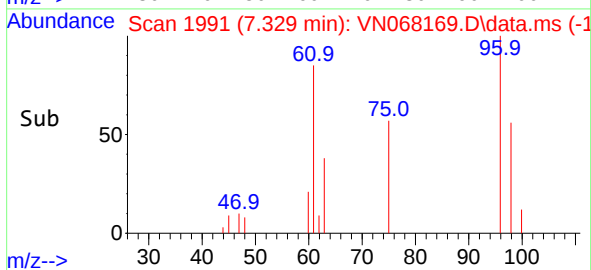
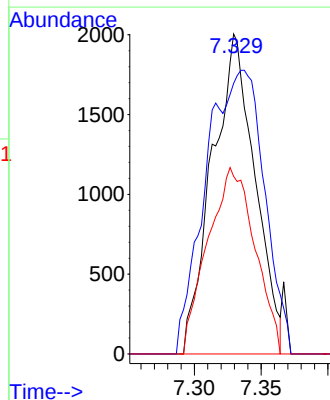
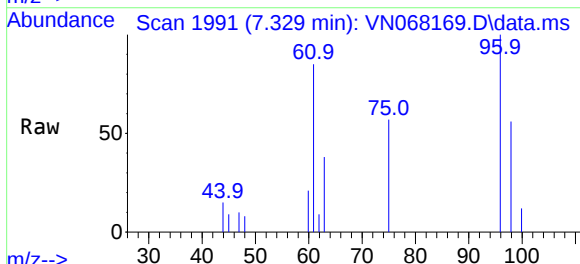
Instrument :
MSVOA_N
ClientSampleId :
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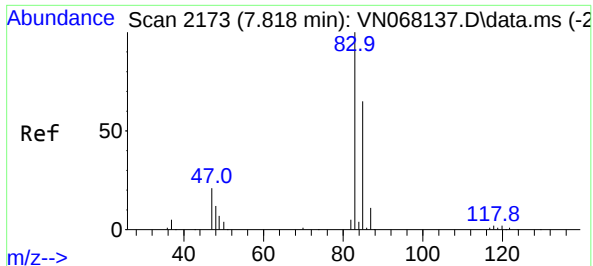
Tgt Ion: 96 Resp: 7252
Ion Ratio Lower Upper
96 100
61 122.8 152.6 229.0#
98 59.8 50.9 76.3



#27
cis-1,2-Dichloroethene
Concen: 0.994 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Tgt Ion: 96 Resp: 4465
Ion Ratio Lower Upper
96 100
61 43.8 0.0 338.8
98 64.3 0.0 129.8



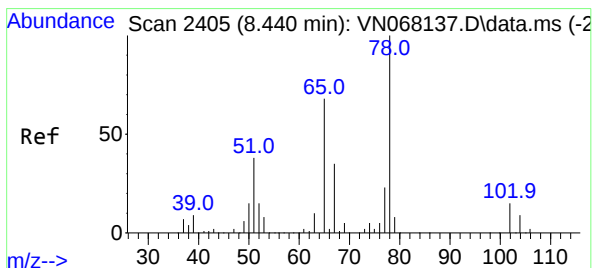
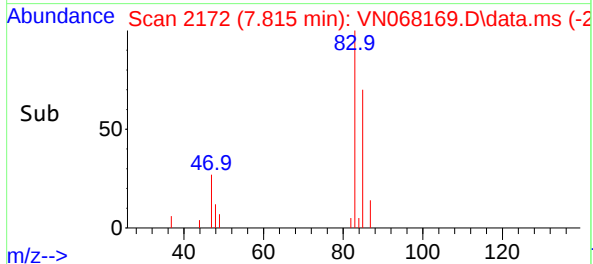
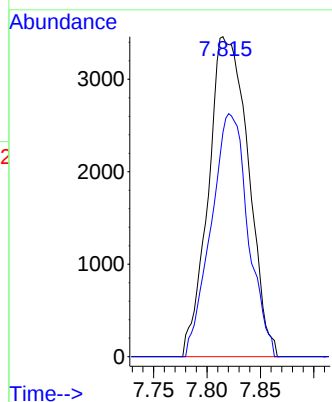
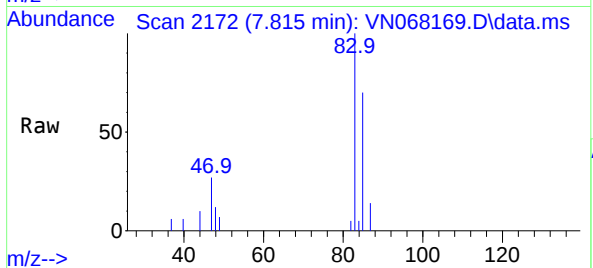


#30

Chloroform
Concen: 1.207 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.003 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Instrument :
MSVOA_N
ClientSampleId :
RW6B-GW-20210816

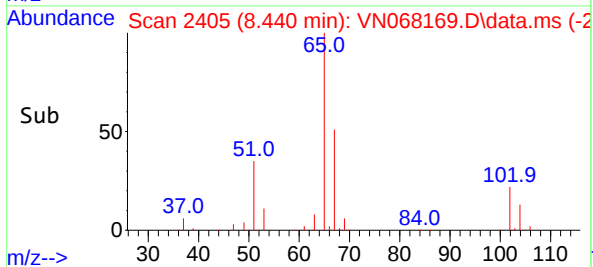
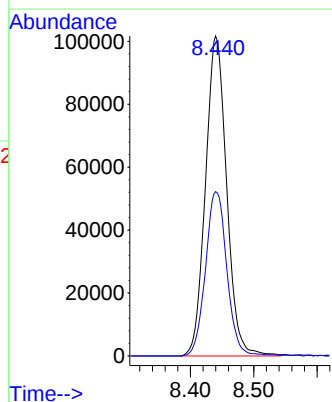
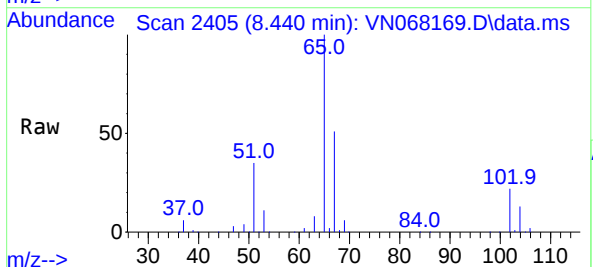
Tgt Ion: 83 Resp: 8993
Ion Ratio Lower Upper
83 100
85 70.0 51.5 77.3

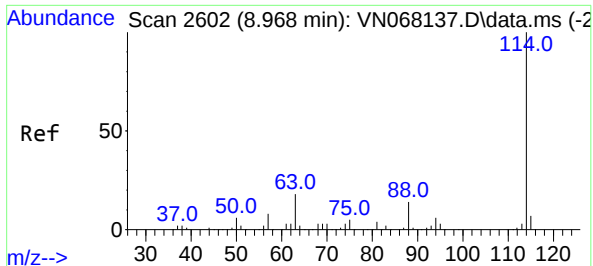


#33

1,2-Dichloroethane-d4
Concen: 53.407 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Tgt Ion: 65 Resp: 235801
Ion Ratio Lower Upper
65 100
67 52.0 0.0 98.6

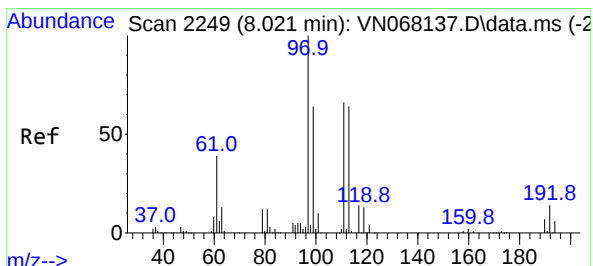
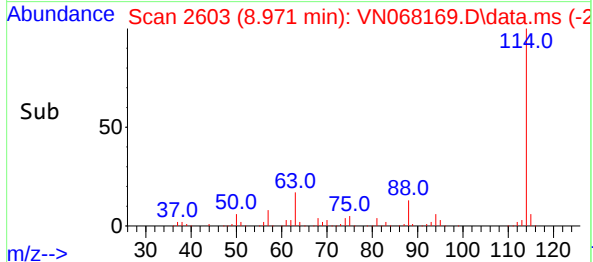
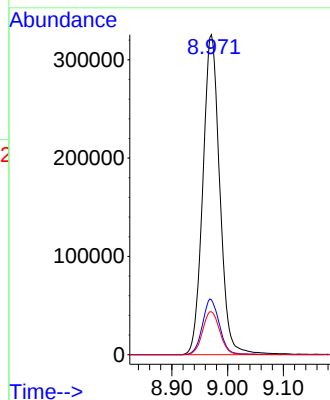
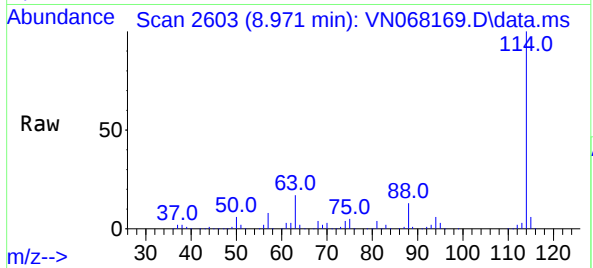




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

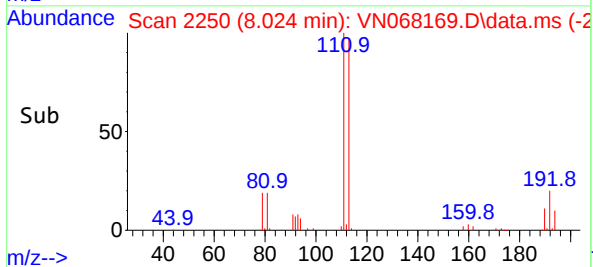
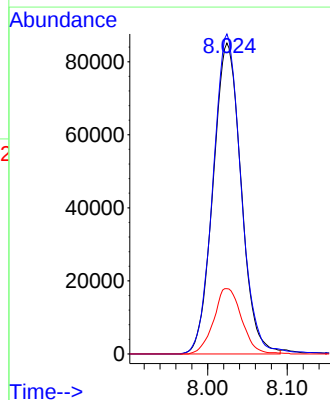
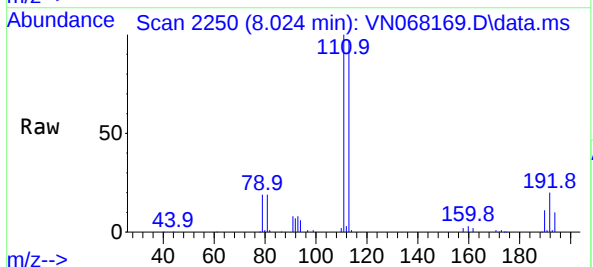
Instrument :
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ClientSampleId :
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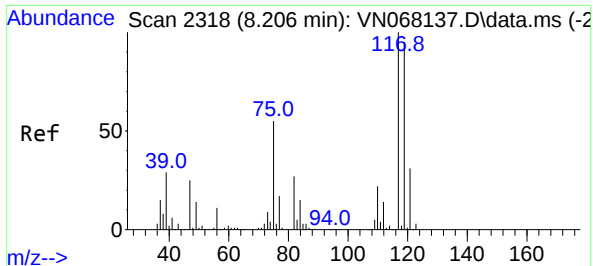
Tgt Ion:114 Resp: 687560
Ion Ratio Lower Upper
114 100
63 17.2 0.0 49.0
88 13.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.179 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Tgt Ion:113 Resp: 207973
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.8
192 21.0 13.4 20.0#

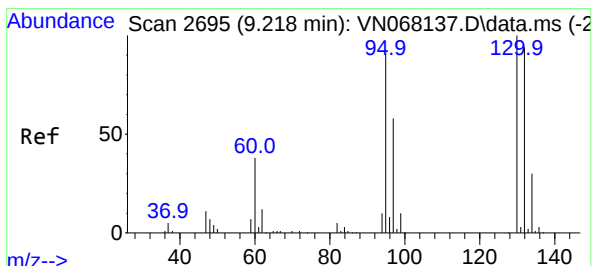
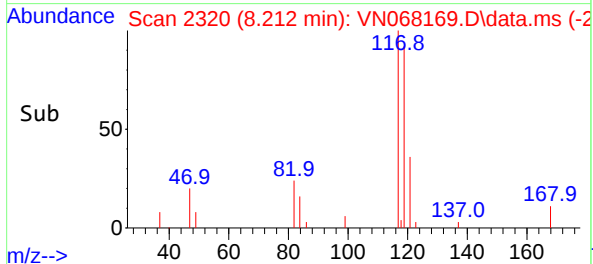
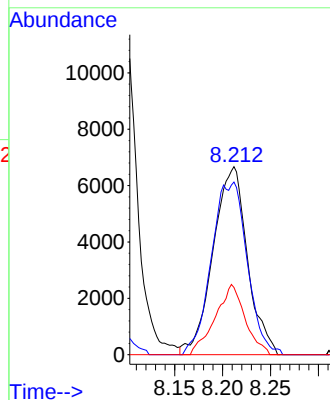
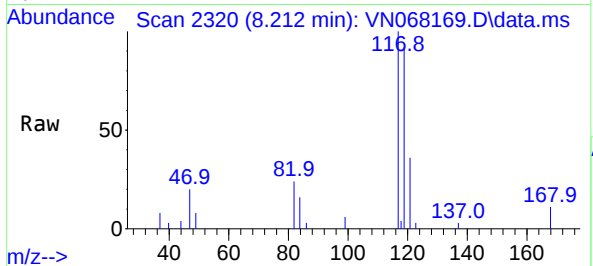




#38
Carbon Tetrachloride
Concen: 2.558 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.006 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

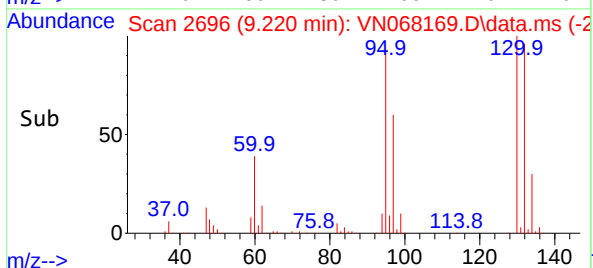
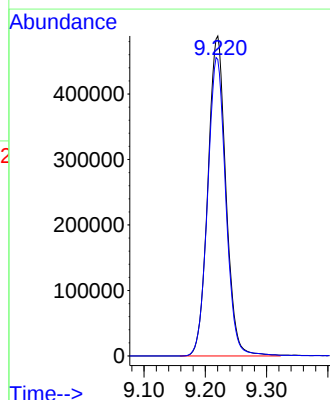
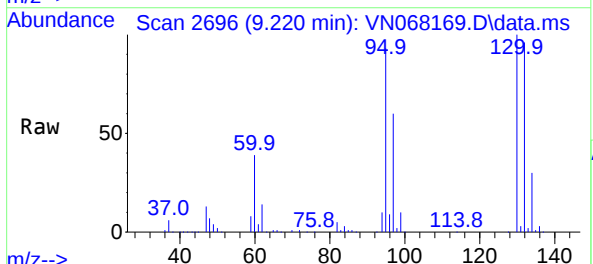
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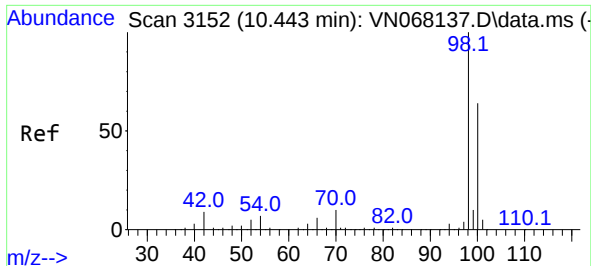
Tgt Ion:117 Resp: 16580
Ion Ratio Lower Upper
117 100
119 91.8 75.4 113.2
121 35.8 23.5 35.3#



#44
Trichloroethene
Concen: 193.345 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Tgt Ion:130 Resp: 997422
Ion Ratio Lower Upper
130 100
95 92.7 0.0 234.4

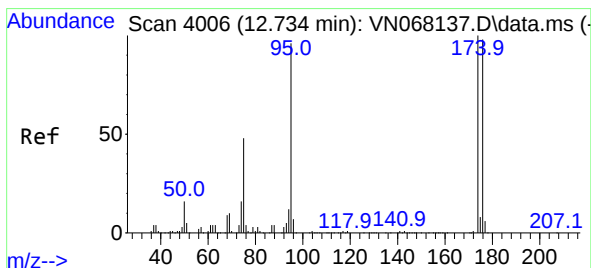
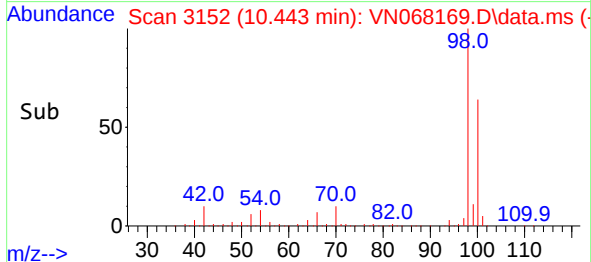
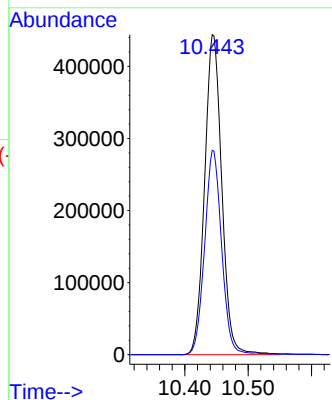
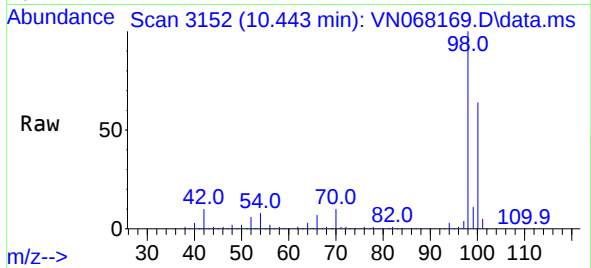




#50
Toluene-d8
Concen: 50.791 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

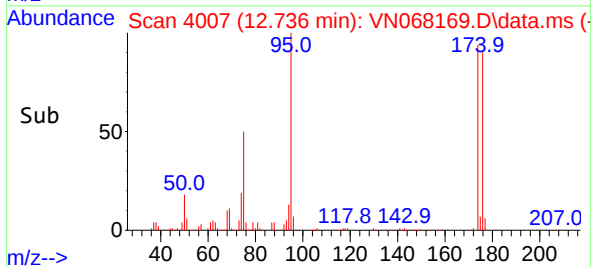
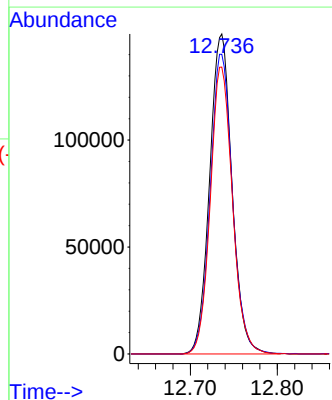
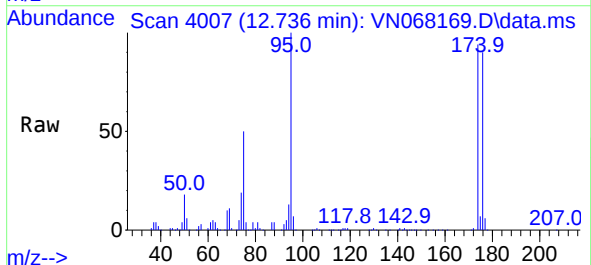
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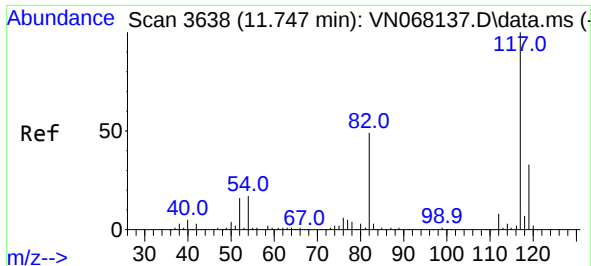
Tgt Ion: 98 Resp: 835420
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Tgt Ion: 95 Resp: 267809
Ion Ratio Lower Upper
95 100
174 93.3 0.0 122.0
176 88.8 0.0 117.6

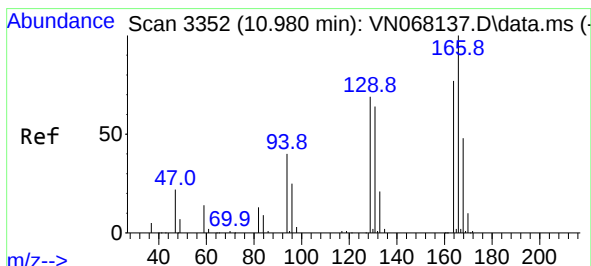
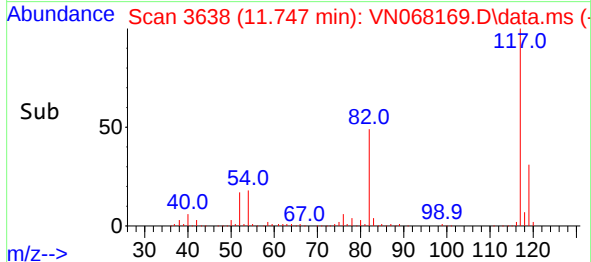
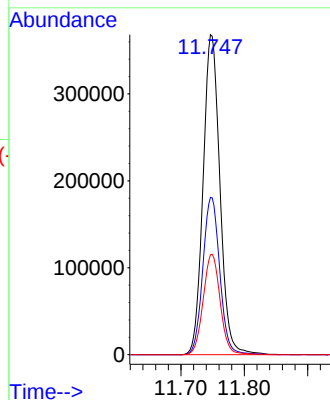
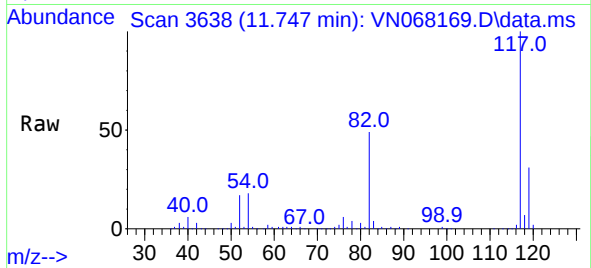




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

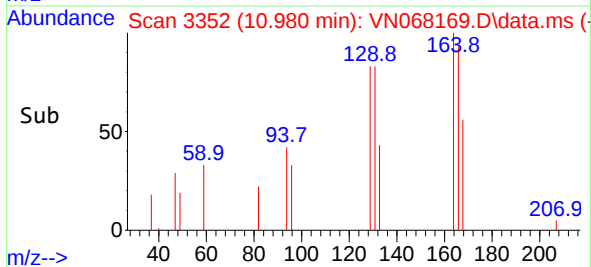
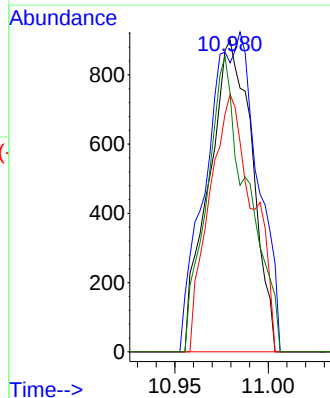
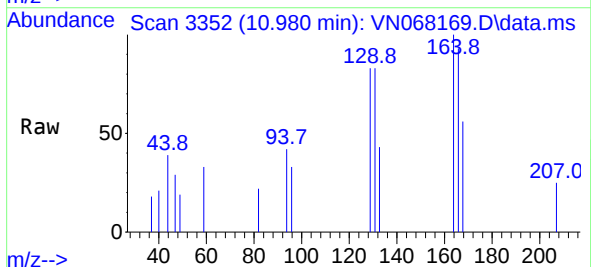
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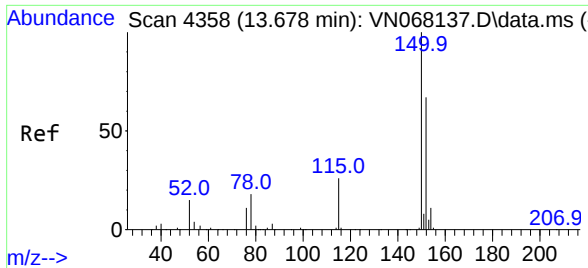
Tgt Ion:117 Resp: 680354
Ion Ratio Lower Upper
117 100
82 49.1 53.1 79.7#
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.277 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN068169.D
Acq: 18 Aug 2021 3:06

Tgt Ion:164 Resp: 1455
Ion Ratio Lower Upper
164 100
166 92.8 102.1 153.1#
129 82.7 86.9 130.3#
131 82.8 83.6 125.4#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.000 min
 Lab File: VN068169.D
 Acq: 18 Aug 2021 3:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RW6B-GW-20210816

Tgt Ion:152 Resp: 253489
 Ion Ratio Lower Upper
 152 100
 115 56.6 36.1 108.5
 150 159.3 0.0 351.8

