

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076940.D
 Acq On : 10 Mar 2023 21:39
 Operator : JC\MD
 Sample : 01870-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DS-02

Quant Time: Mar 13 01:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

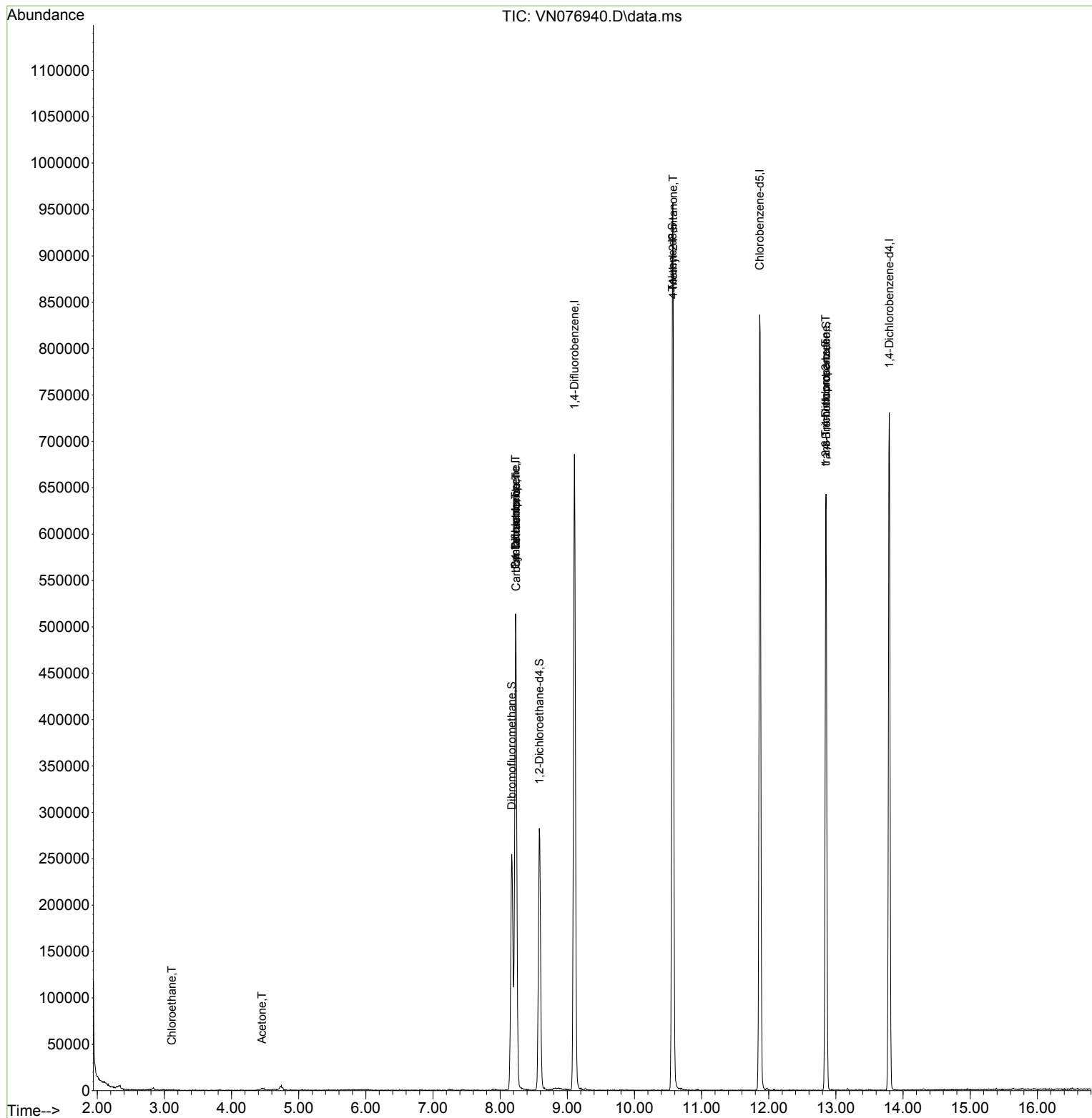
Internal Standards						
1) Pentafluorobenzene	8.231	168	349692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	577422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	487630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	193427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251223	48.142	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.280%		
35) Dibromofluoromethane	8.172	113	179402	46.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	10.566	98	674698	47.571	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.140%		
62) 4-Bromofluorobenzene	12.854	95	230059	44.347	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.700%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.113	64	570	0.284	ug/l #	42
16) Acetone	4.454	43	2610	1.443	ug/l	91
31) Cyclohexane	8.231	56	8366	1.117	ug/l #	35
36) 1,1-Dichloropropene	8.231	75	30708	5.159	ug/l #	51
38) Carbon Tetrachloride	8.236	117	41278	5.926	ug/l #	16
51) 4-Methyl-2-Pentanone	10.577	43	2929	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	127163	27.116	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	127163	88.576	ug/l #	15

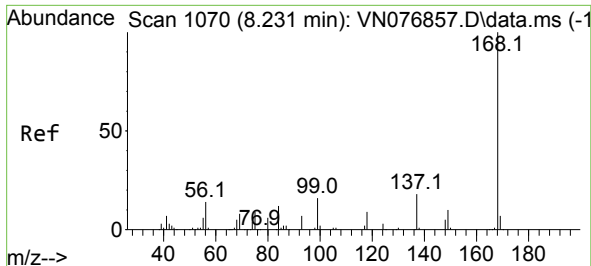
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 13 01:25:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

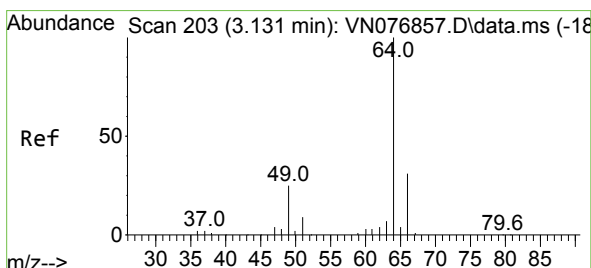
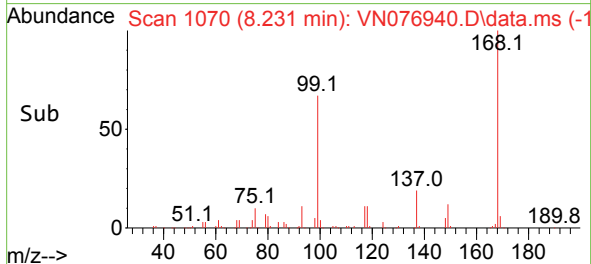
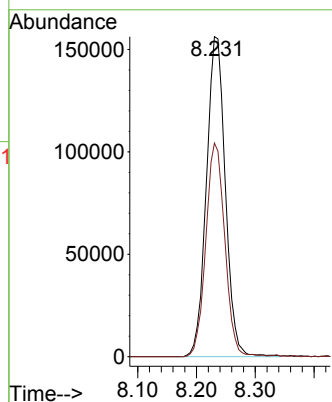
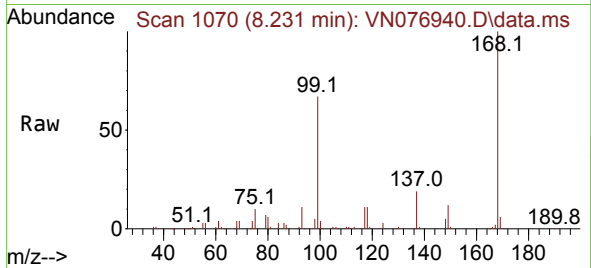




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

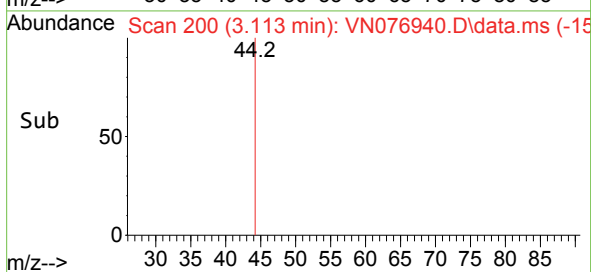
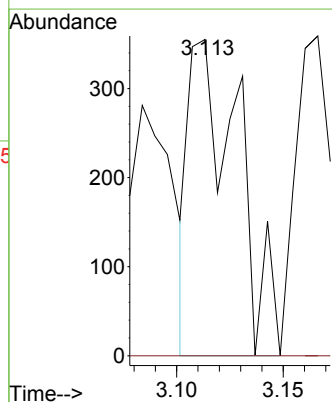
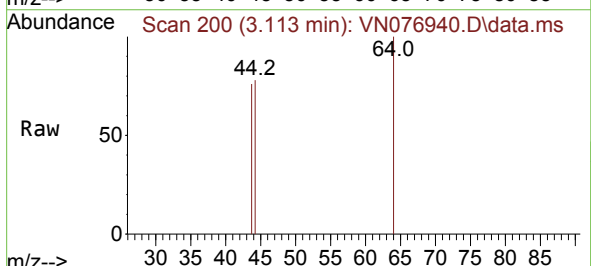
Instrument :
MSVOA_N
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DS-02

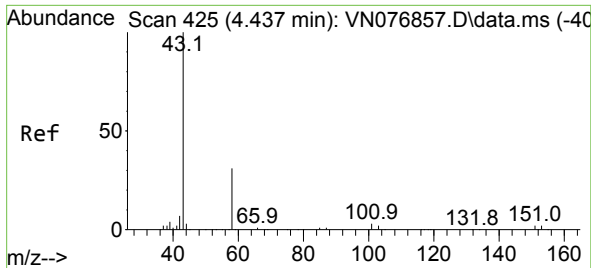
Tgt Ion:168 Resp: 349692
Ion Ratio Lower Upper
168 100
99 66.8 48.6 73.0



#6
Chloroethane
Concen: 0.284 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.018 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion: 64 Resp: 570
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

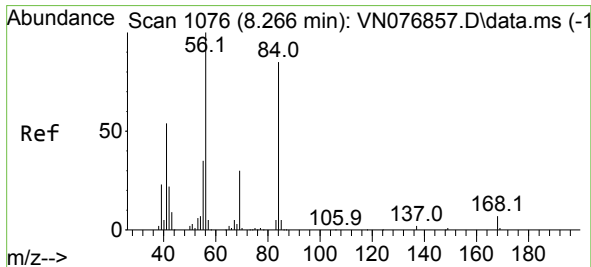
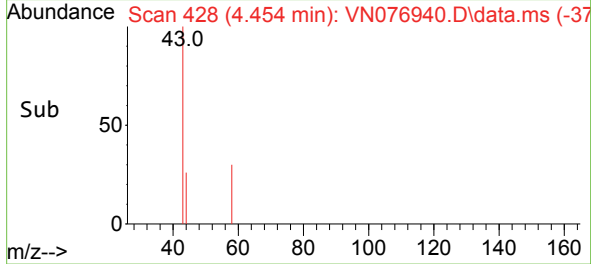
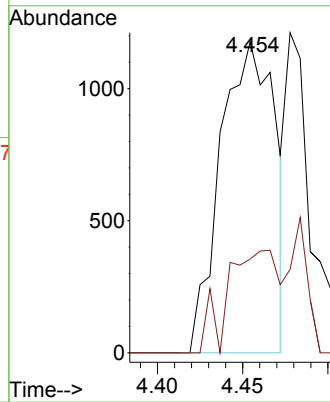
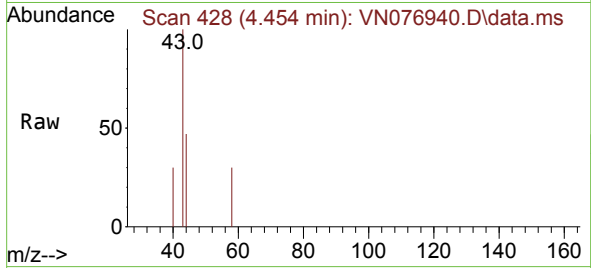




#16
Acetone
Concen: 1.443 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

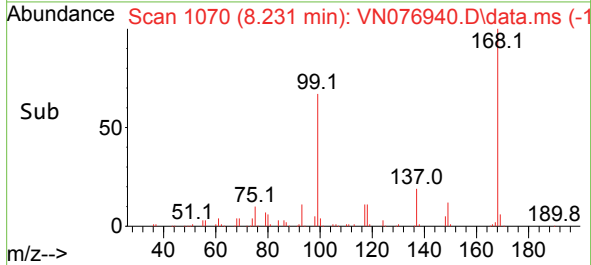
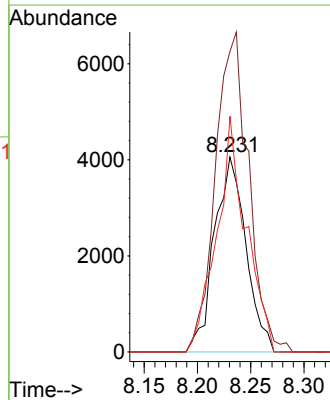
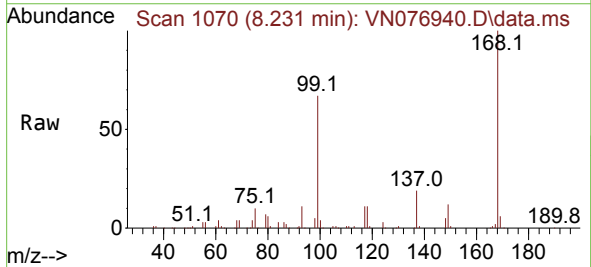
Instrument :
MSVOA_N
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DS-02

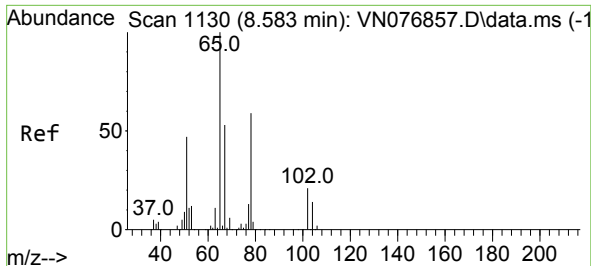
Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
58 30.1 28.2 42.2



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.035 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion: 56 Resp: 8366
Ion Ratio Lower Upper
56 100
69 154.2 27.0 40.6#
84 120.9 82.9 124.3





#33

1,2-Dichloroethane-d4

Concen: 48.142 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076940.D

Acq: 10 Mar 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

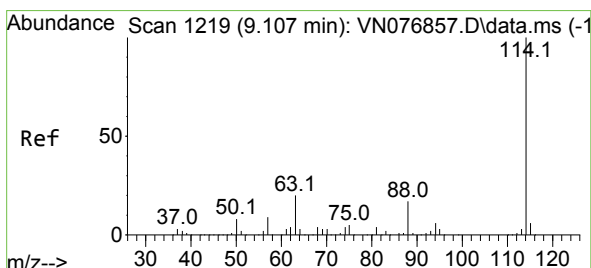
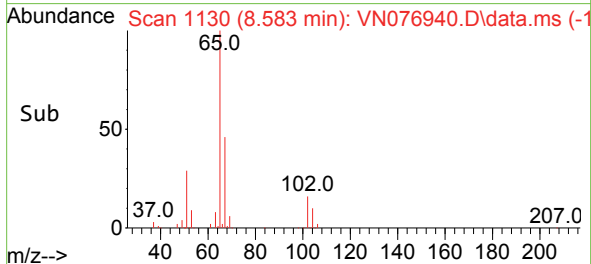
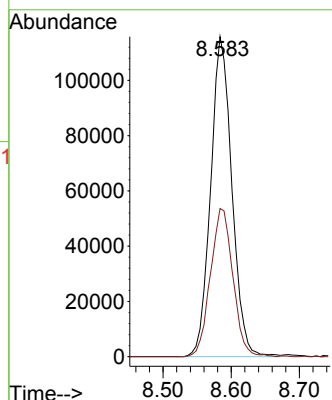
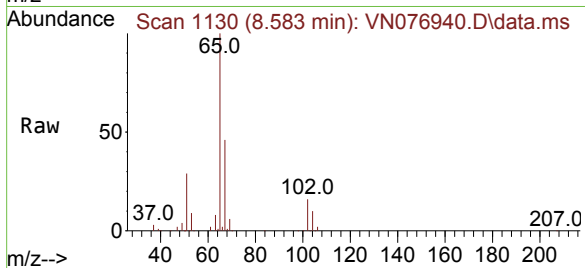
DS-02

Tgt Ion: 65 Resp: 251223

Ion Ratio Lower Upper

65 100

67 48.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076940.D

Acq: 10 Mar 2023 21:39

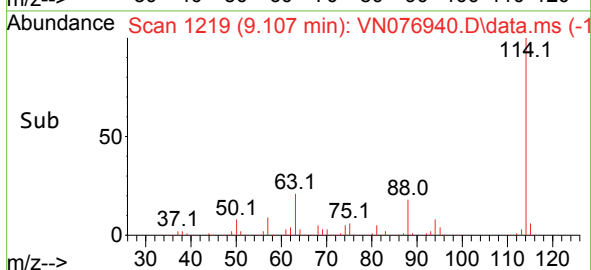
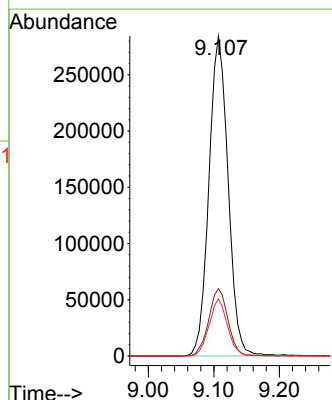
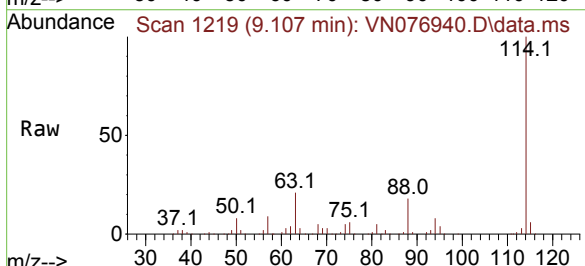
Tgt Ion: 114 Resp: 577422

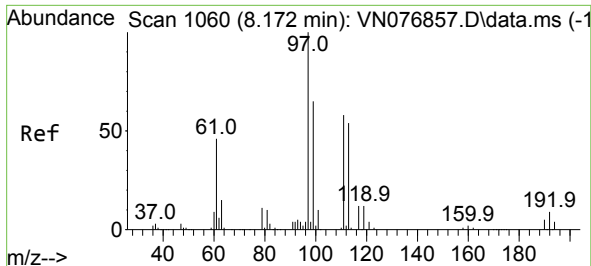
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 17.8 0.0 28.6

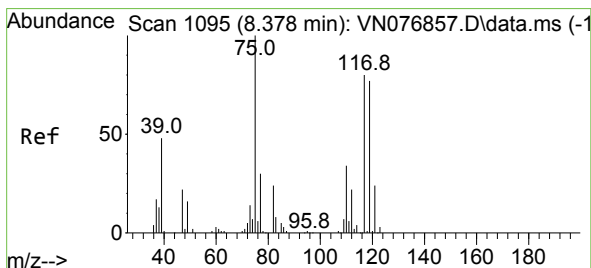
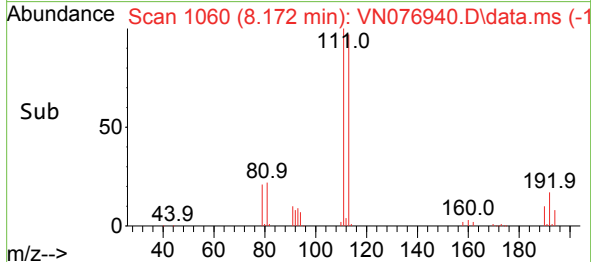
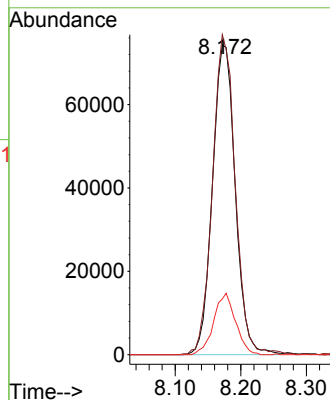
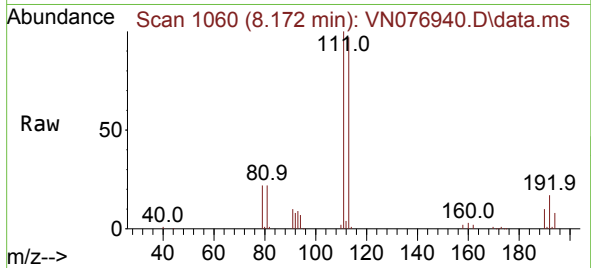




#35
 Dibromofluoromethane
 Concen: 46.618 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VN076940.D
 Acq: 10 Mar 2023 21:39

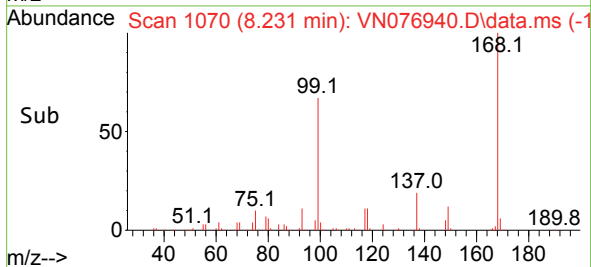
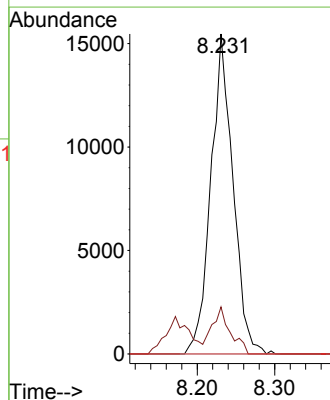
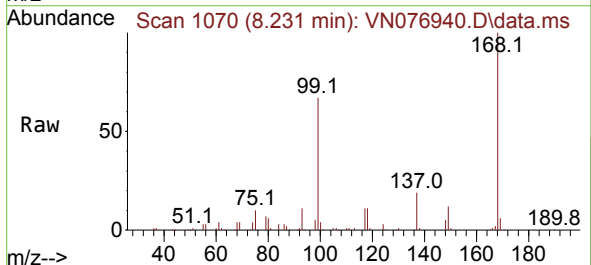
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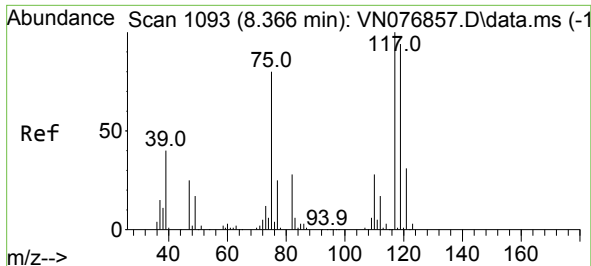
Tgt Ion:113 Resp: 179402
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 19.1 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 5.159 ug/l
 RT: 8.231 min Scan# 1070
 Delta R.T. -0.147 min
 Lab File: VN076940.D
 Acq: 10 Mar 2023 21:39

Tgt Ion: 75 Resp: 30708
 Ion Ratio Lower Upper
 75 100
 110 12.2 18.9 56.9#
 77 0.0 24.9 37.3#

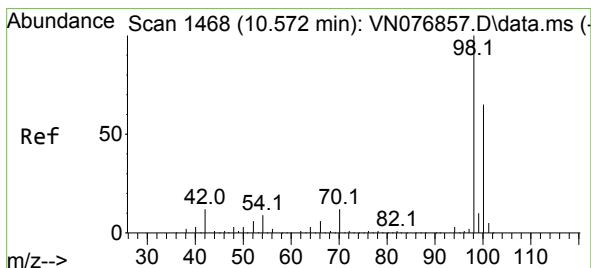
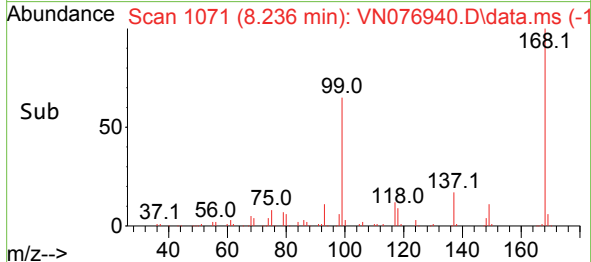
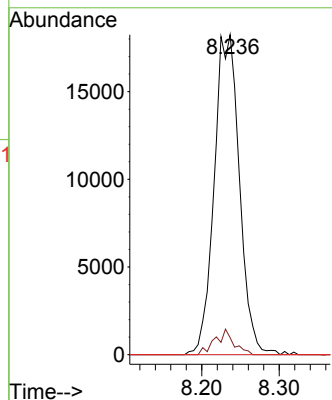
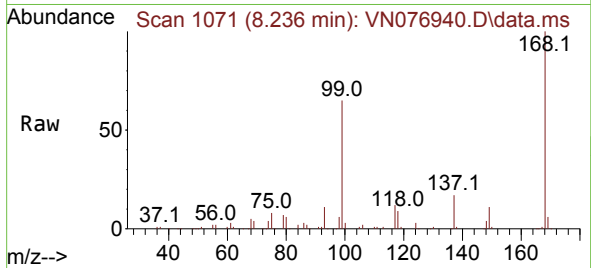




#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 8.236 min Scan# 1093
Delta R.T. -0.135 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

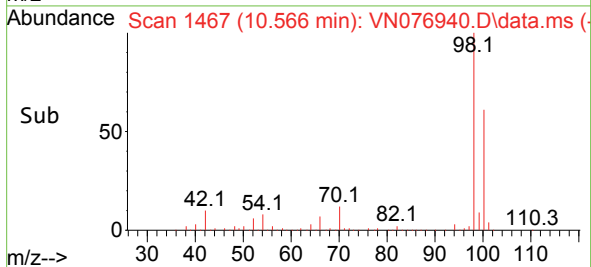
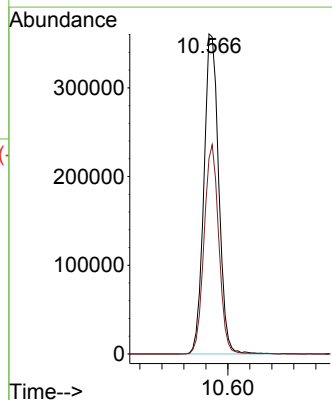
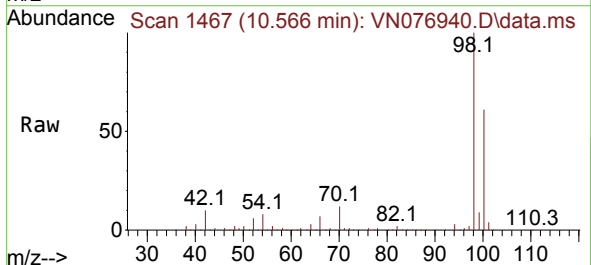
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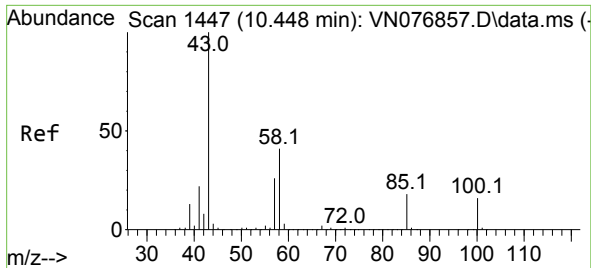
Tgt Ion:117 Resp: 41278
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 47.571 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion: 98 Resp: 674698
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2

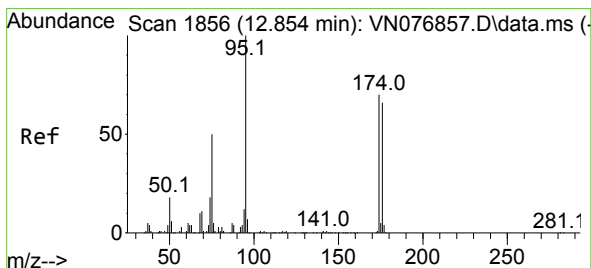
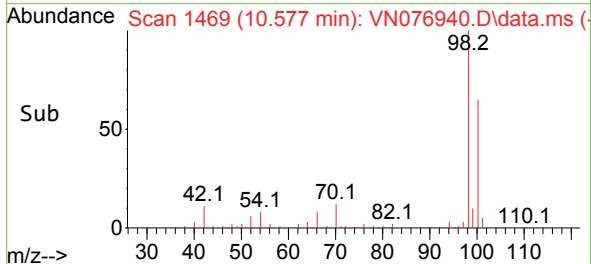
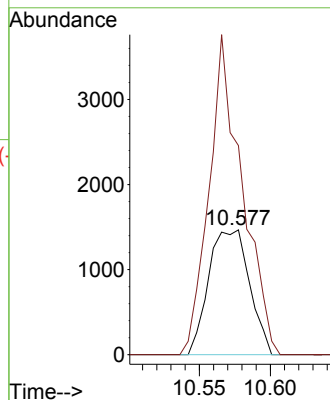
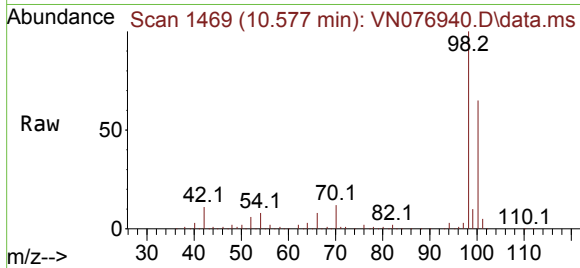




#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 10.577 min Scan# 1447
Delta R.T. 0.129 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

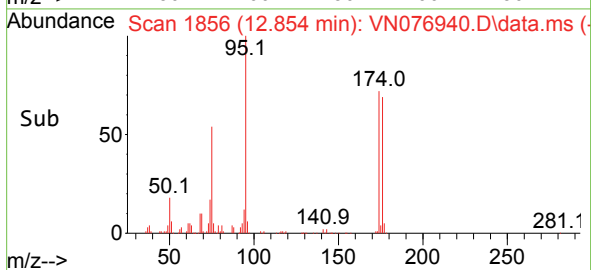
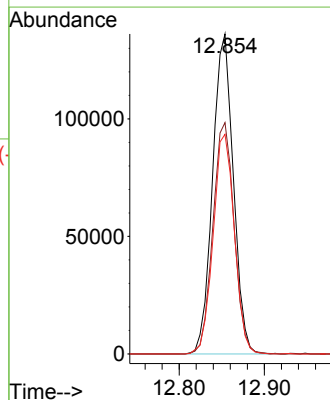
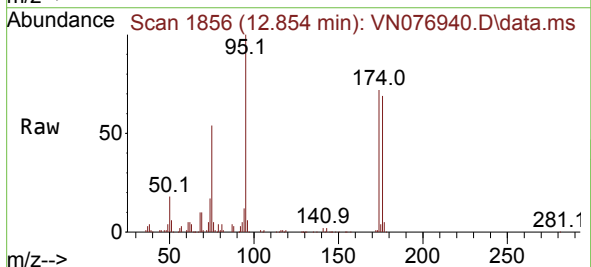
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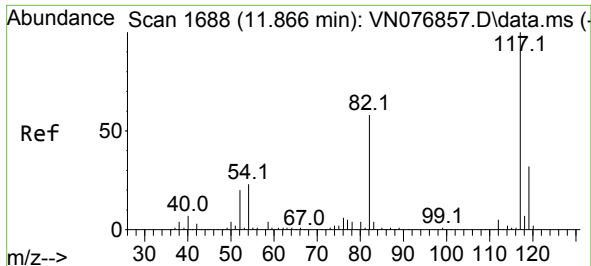
Tgt Ion: 43 Resp: 2929
Ion Ratio Lower Upper
43 100
58 208.4 37.4 56.0#



#62
4-Bromofluorobenzene
Concen: 44.347 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion: 95 Resp: 230059
Ion Ratio Lower Upper
95 100
174 74.0 0.0 162.4
176 70.2 0.0 157.4

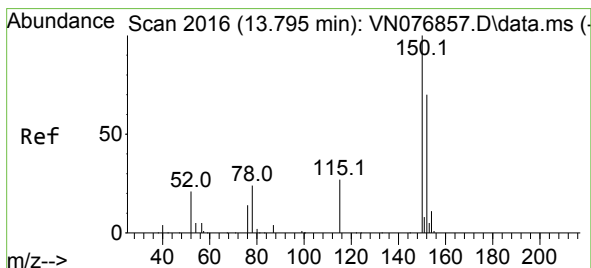
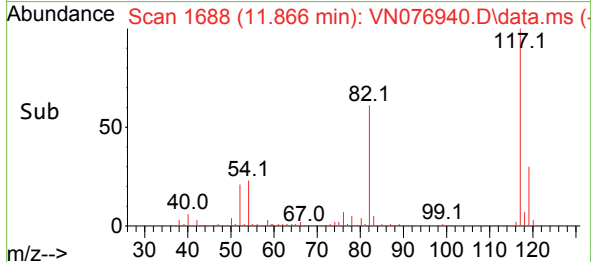
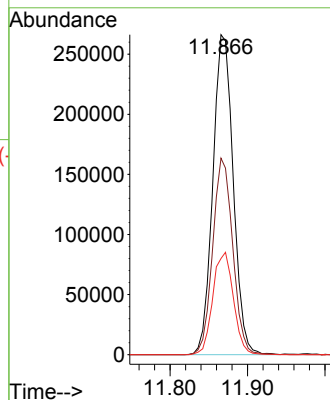
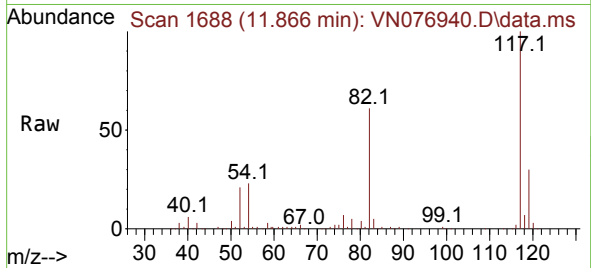




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

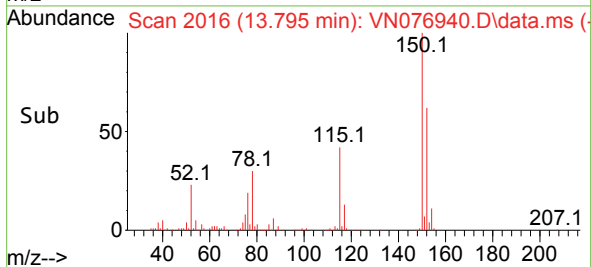
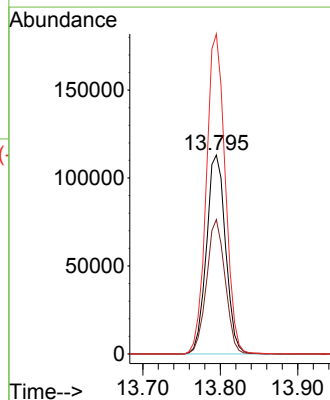
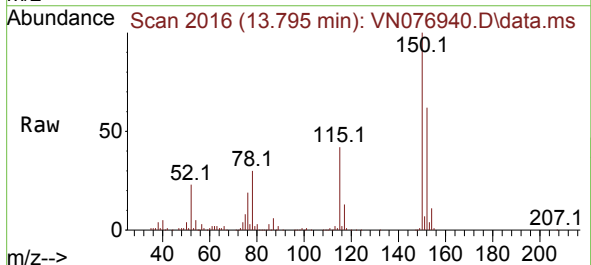
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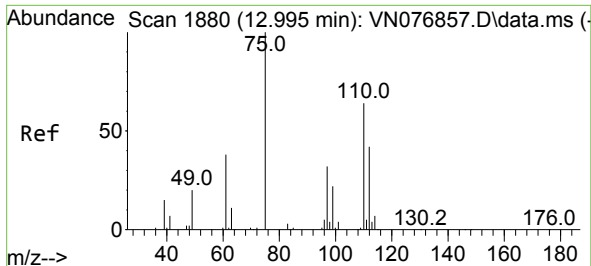
Tgt Ion:117 Resp: 487630
Ion Ratio Lower Upper
117 100
82 61.4 43.5 65.3
119 30.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion:152 Resp: 193427
Ion Ratio Lower Upper
152 100
115 65.8 30.3 90.9
150 158.9 0.0 353.6

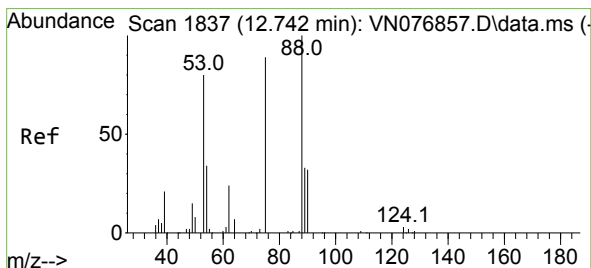
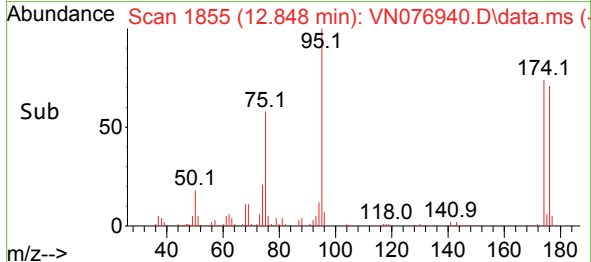
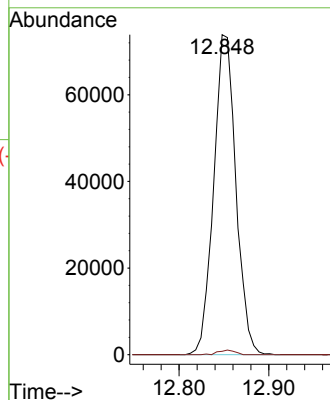
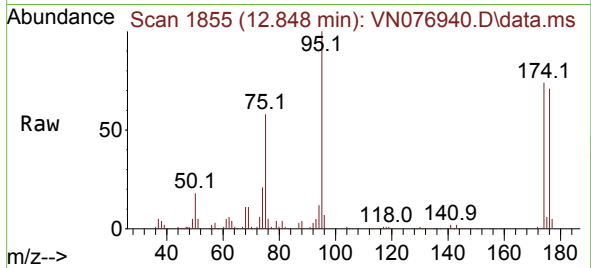




#76
1,2,3-Trichloropropane
Concen: 27.116 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Instrument :
MSVOA_N
ClientSampleId :
DS-02

Tgt Ion: 75 Resp: 127163
Ion Ratio Lower Upper
75 100
77 1.1 93.8 281.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.576 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion: 75 Resp: 127163
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#

