

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077792.D
 Acq On : 22 May 2023 16:17
 Operator : JC\MD
 Sample : 02880-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D1-20230518

Quant Time: May 23 04:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

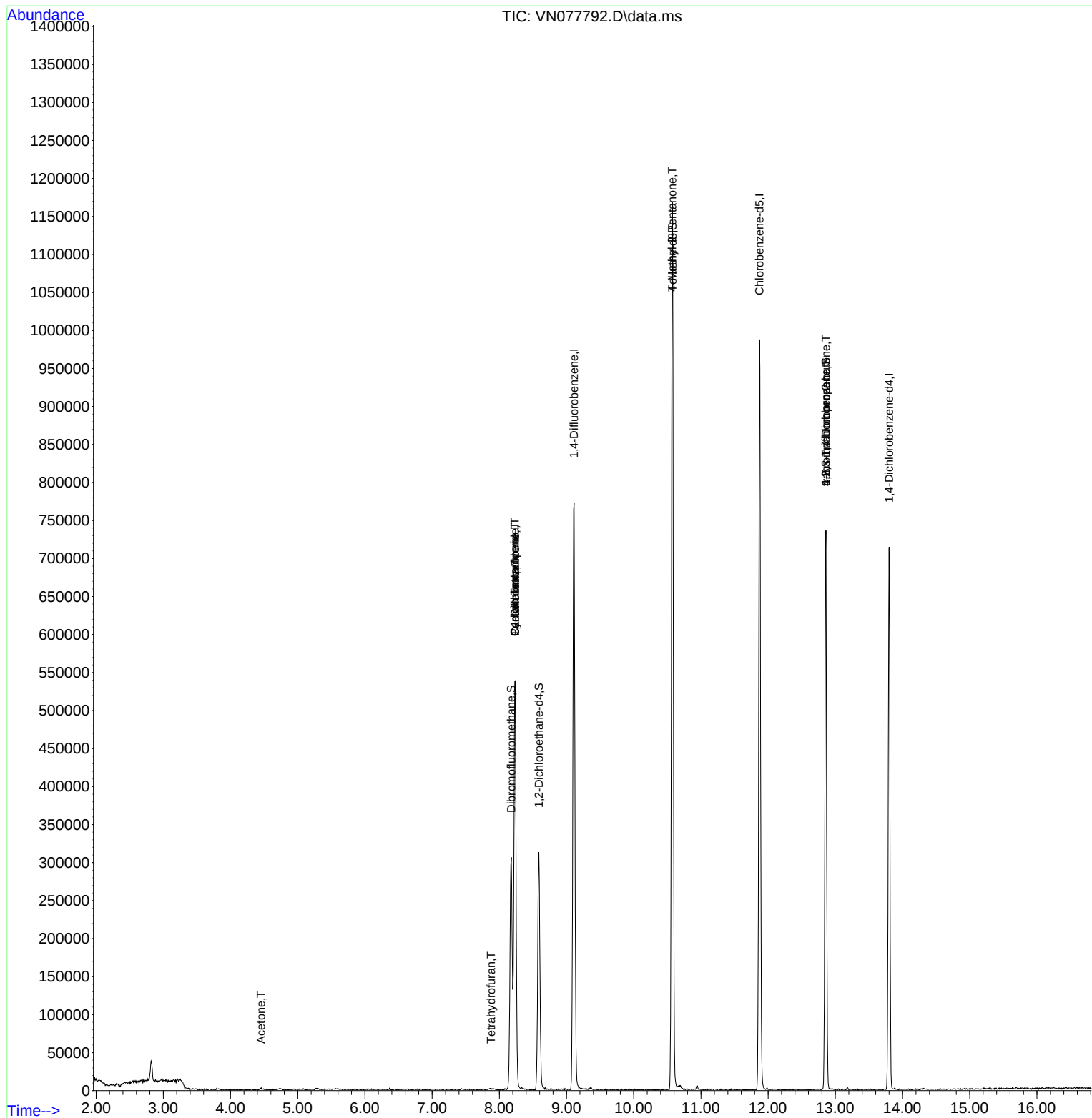
Internal Standards						
1) Pentafluorobenzene	8.236	168	389042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	706225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	599019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259935	44.654	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.300%
35) Dibromofluoromethane	8.177	113	225449	48.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.577	98	853338	48.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.859	95	259364	41.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.860%#
Target Compounds						
3) Chloromethane	2.371	50	1597	Below Cal	Qvalue	98
13) Acrolein	4.224	56	58	Below Cal	#	16
16) Acetone	4.453	43	1922	1.049	ug/l #	40
20) Methylene Chloride	5.271	84	603	Below Cal	#	35
29) Tetrahydrofuran	7.877	42	841	0.448	ug/l #	20
31) Cyclohexane	8.236	56	9732	1.230	ug/l #	67
36) 1,1-Dichloropropene	8.230	75	30150	4.476	ug/l #	50
38) Carbon Tetrachloride	8.230	117	43119	6.339	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	3574	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	12.859	75	138590	28.423	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	138590	90.855	ug/l #	15

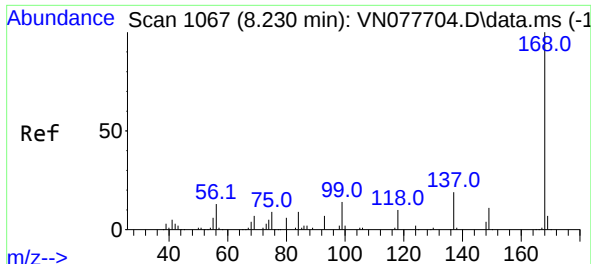
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
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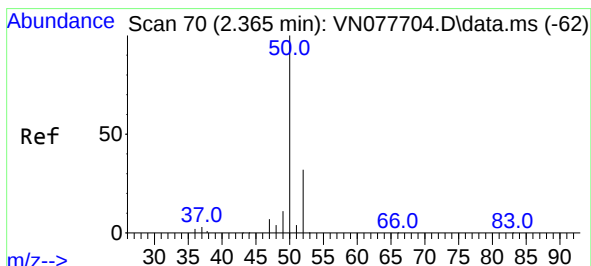
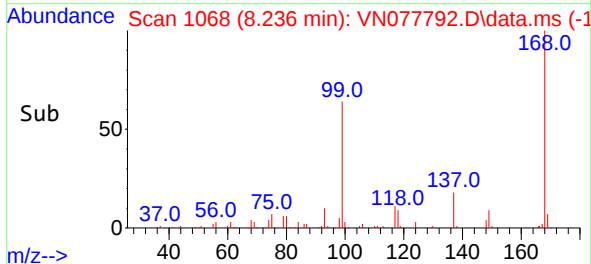
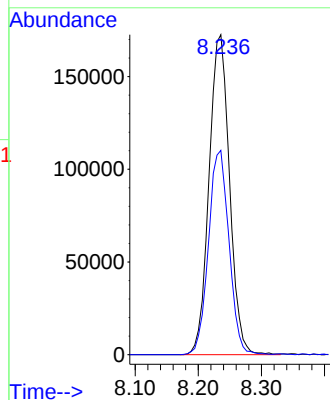
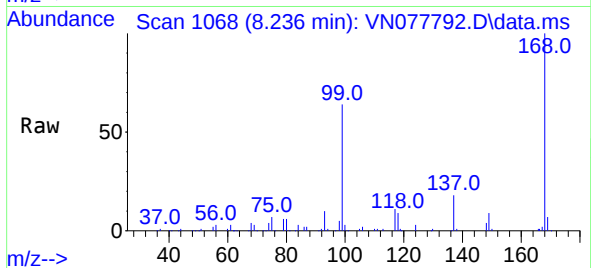




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

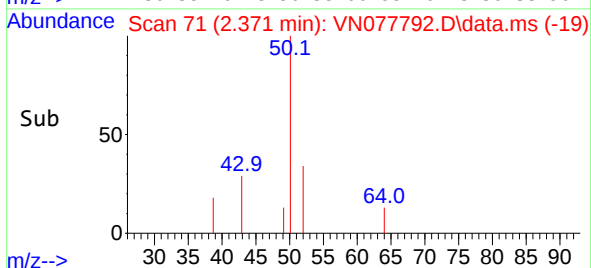
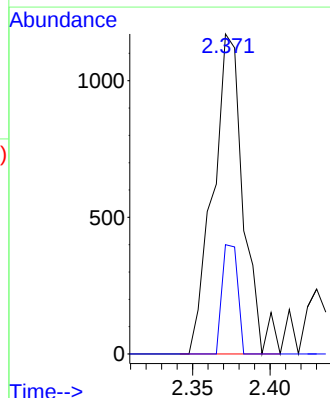
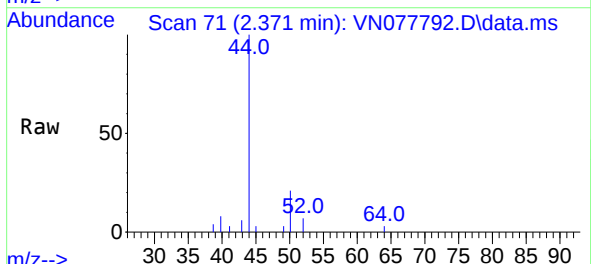
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

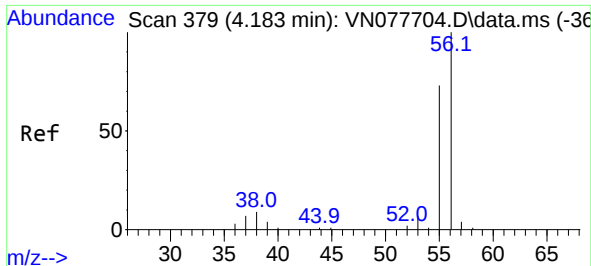
Tgt Ion:168 Resp: 389042
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Tgt Ion: 50 Resp: 1597
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

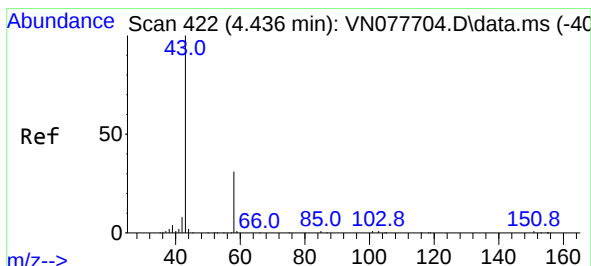
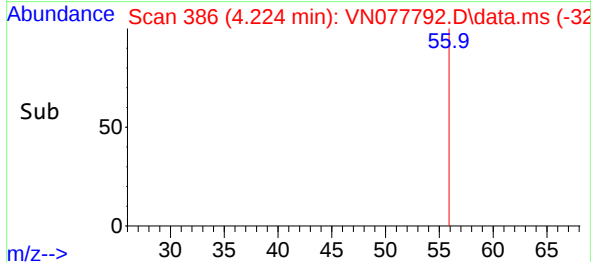
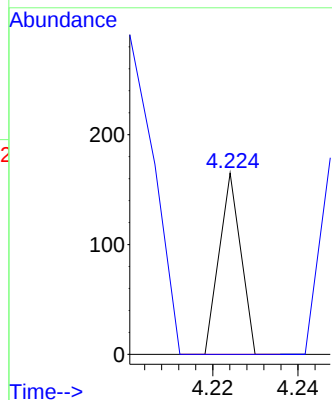
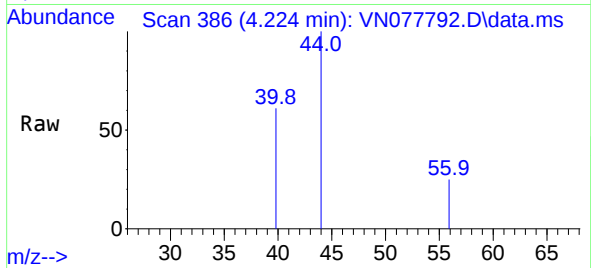




#13
Acrolein
Concen: Below Cal
RT: 4.224 min Scan# 386
Delta R.T. 0.035 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

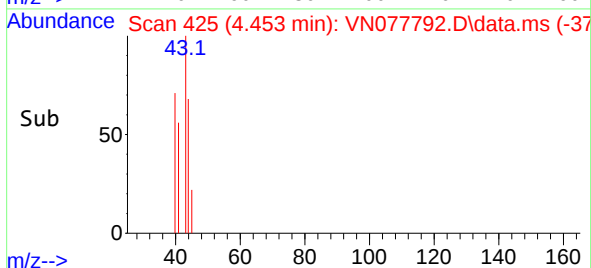
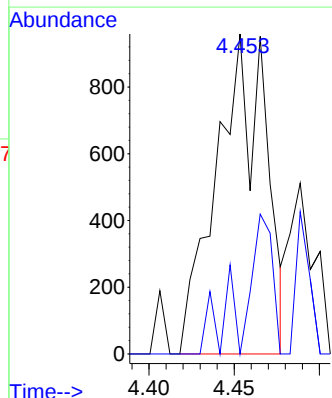
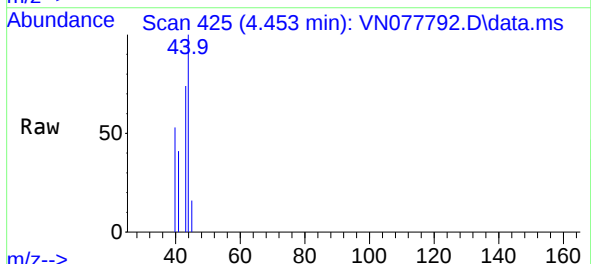
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

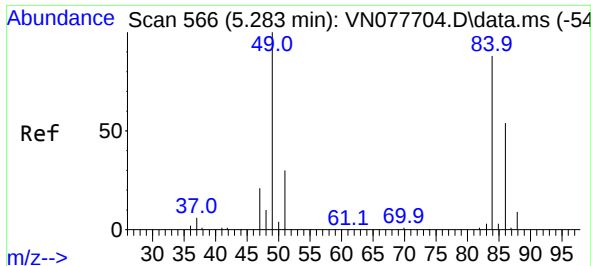
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 1.049 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

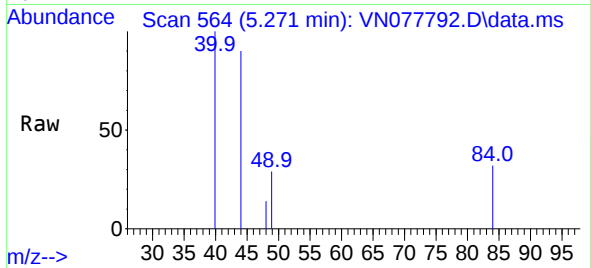
Tgt Ion: 43 Resp: 1922
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





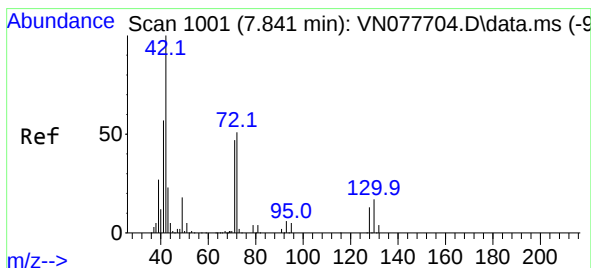
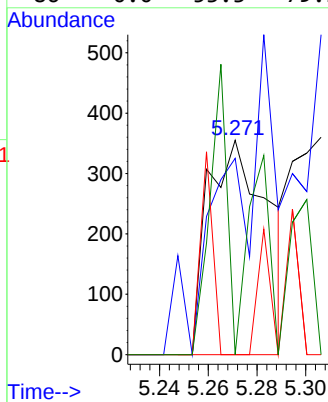
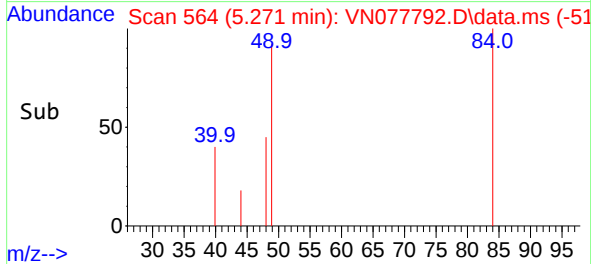
#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

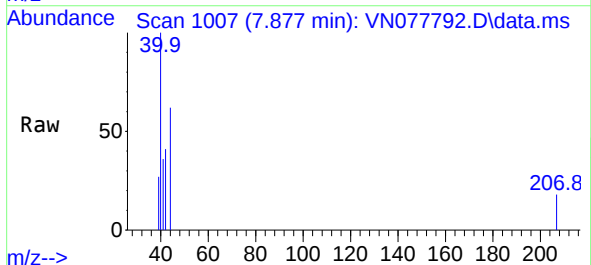


Tgt Ion: 84 Resp: 603

Ion	Ratio	Lower	Upper
84	100		
49	45.4	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#

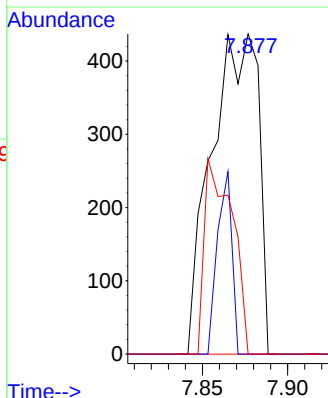
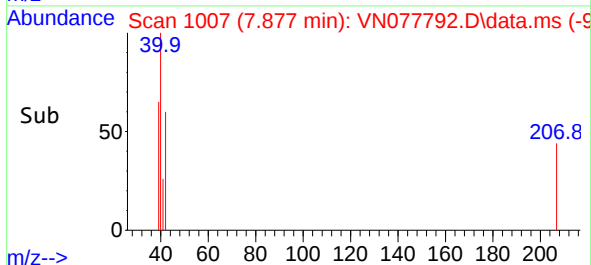


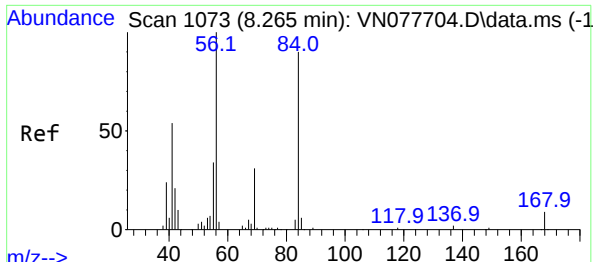
#29
Tetrahydrofuran
Concen: 0.448 ug/l
RT: 7.877 min Scan# 1007
Delta R.T. 0.036 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17



Tgt Ion: 42 Resp: 841

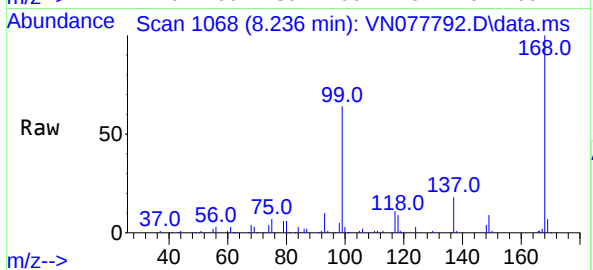
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



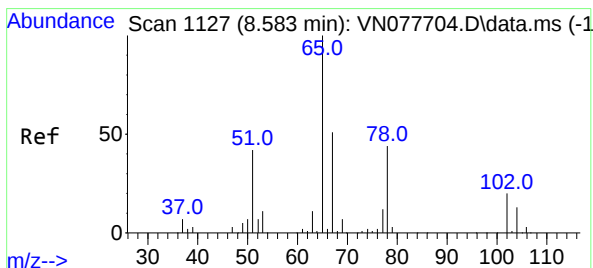
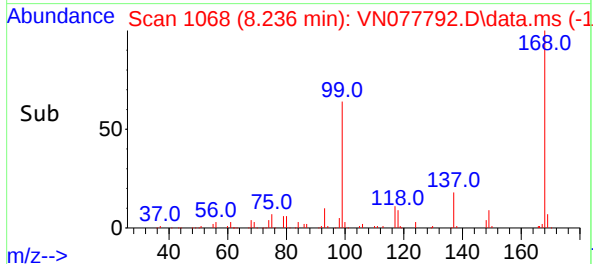
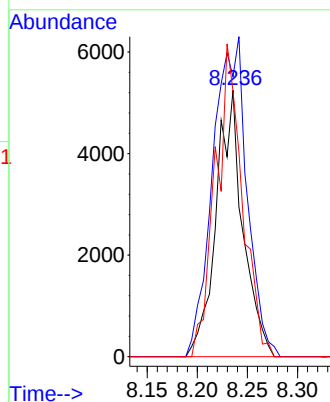


#31
Cyclohexane
Concen: 1.230 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

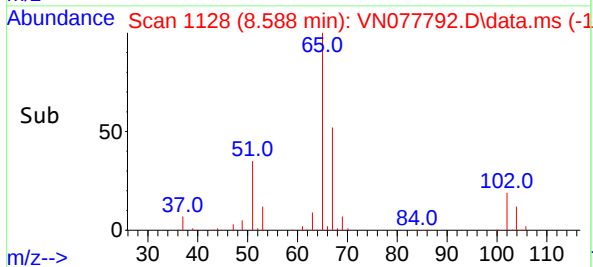
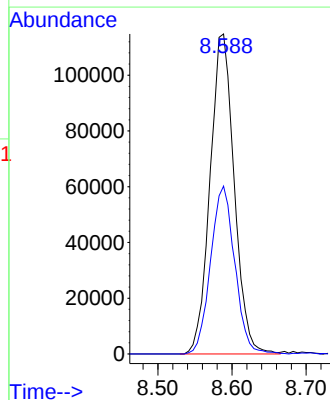
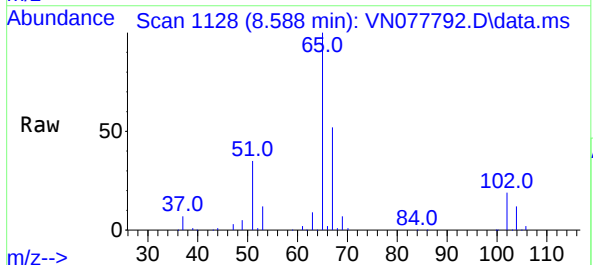


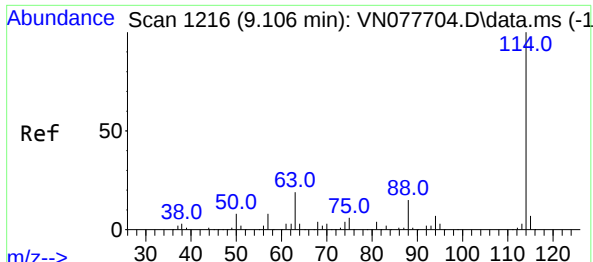
Tgt Ion: 56 Resp: 9732
Ion Ratio Lower Upper
56 100
69 105.1 26.8 40.2#
84 99.7 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 44.654 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Tgt Ion: 65 Resp: 259935
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077792.D

Acq: 22 May 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D1-20230518

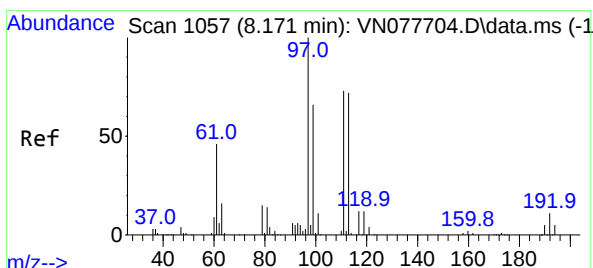
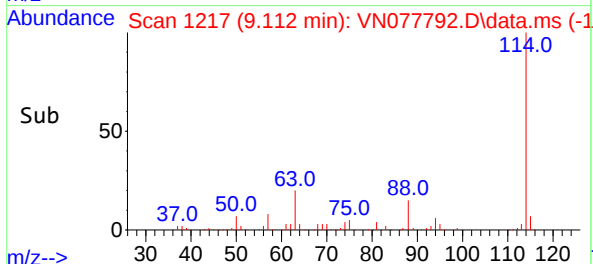
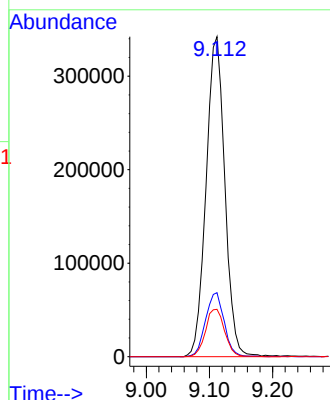
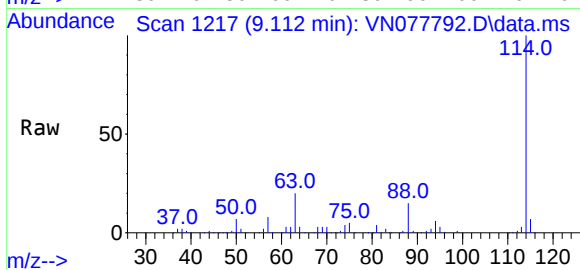
Tgt Ion:114 Resp: 706225

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.955 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077792.D

Acq: 22 May 2023 16:17

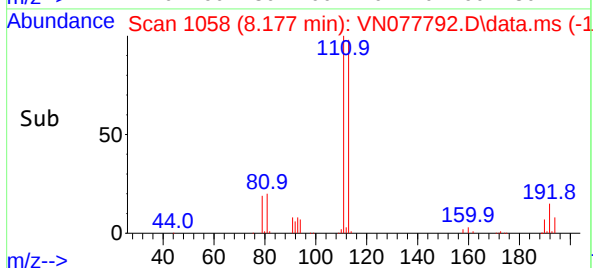
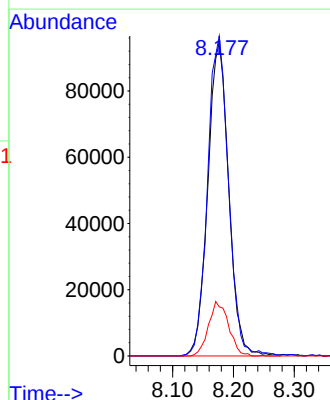
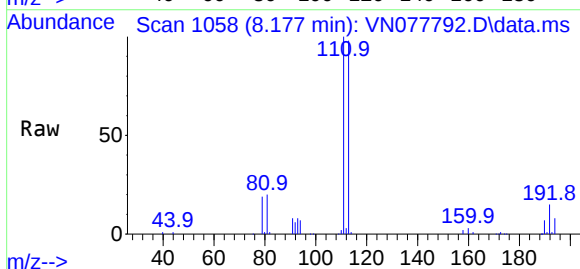
Tgt Ion:113 Resp: 225449

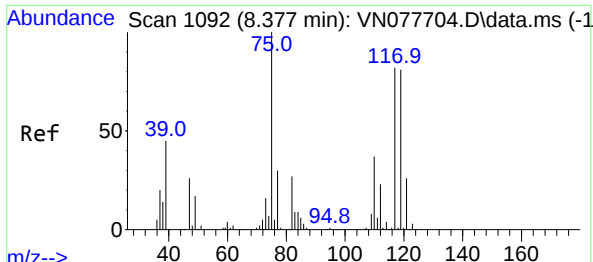
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.7 12.7 19.1

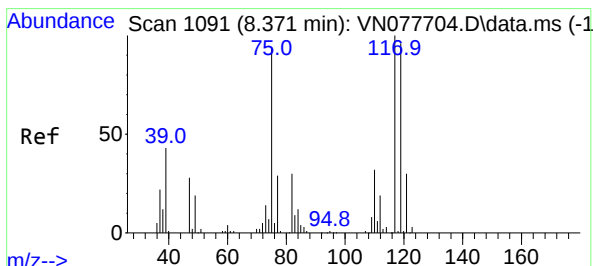
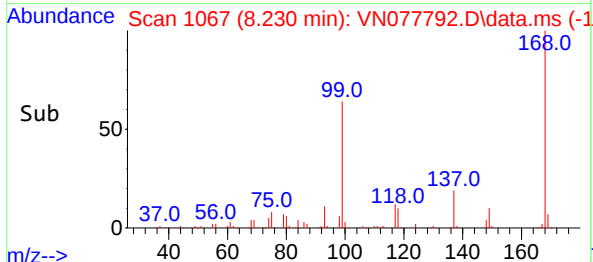
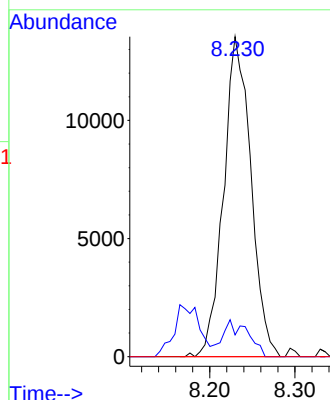
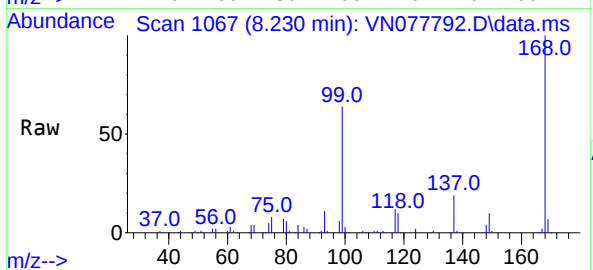




#36
1,1-Dichloropropene
Concen: 4.476 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

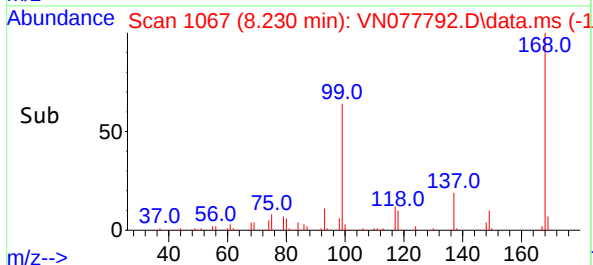
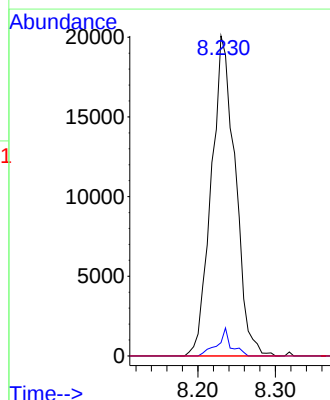
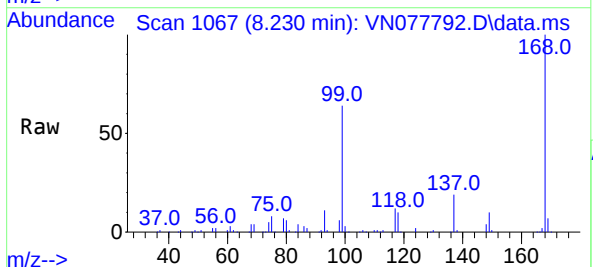
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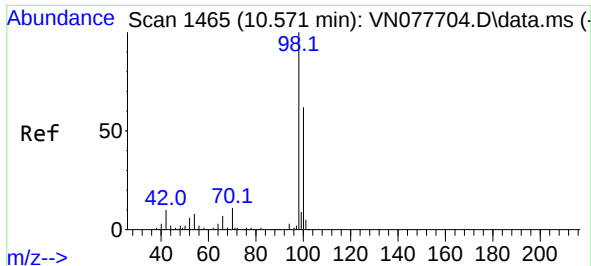
Tgt Ion: 75 Resp: 30150
Ion Ratio Lower Upper
75 100
110 10.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.339 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Tgt Ion: 117 Resp: 43119
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 23.3 34.9#

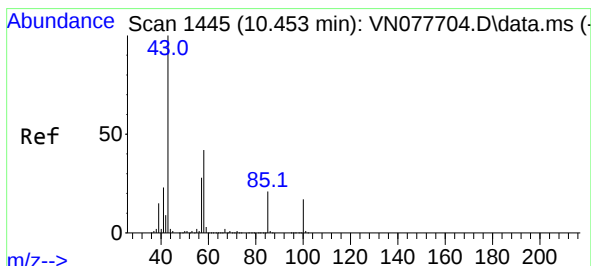
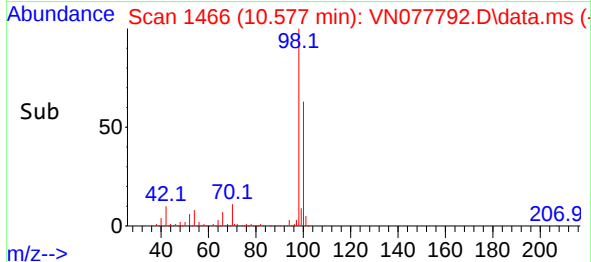
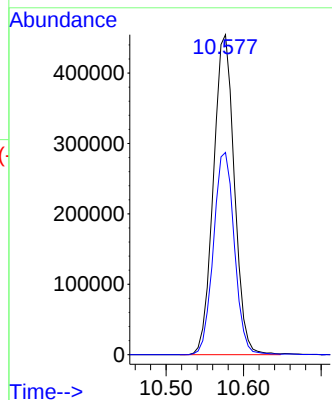
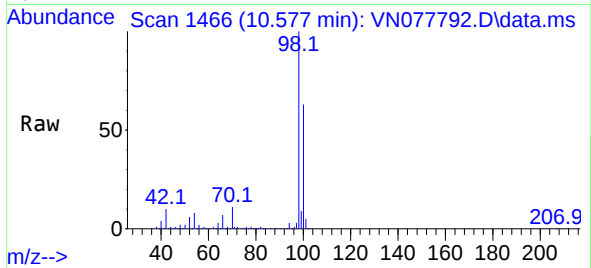




#50
Toluene-d8
Concen: 48.141 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

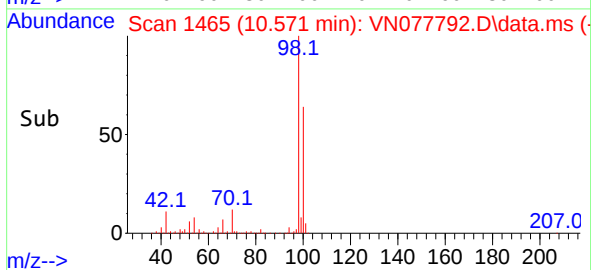
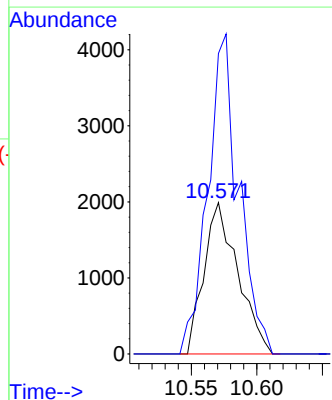
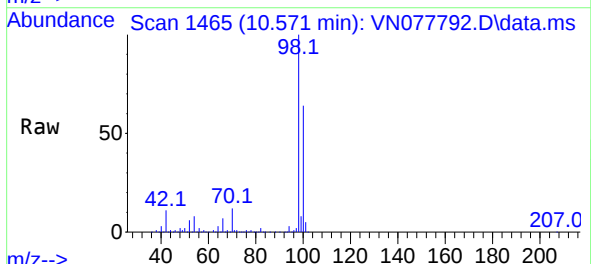
Instrument :
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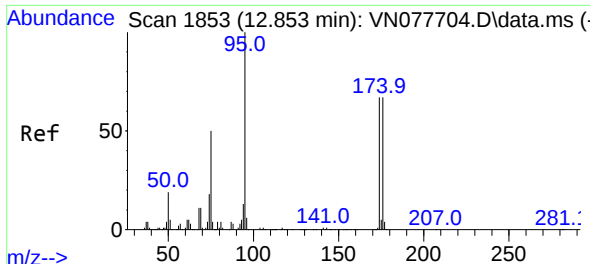
Tgt Ion: 98 Resp: 853338
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
58 192.3 36.6 54.8#

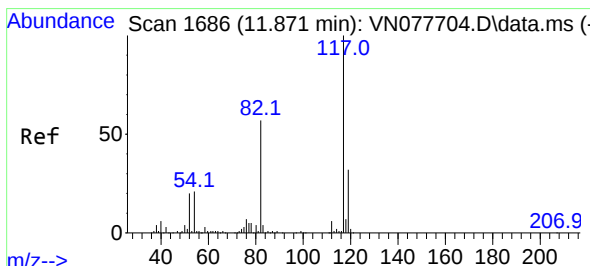
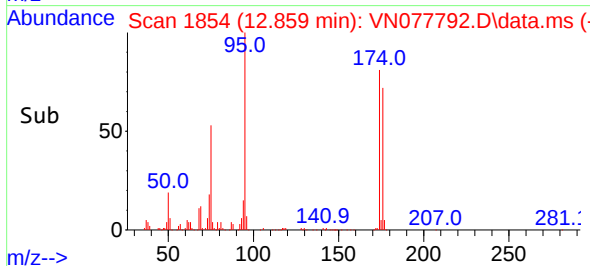
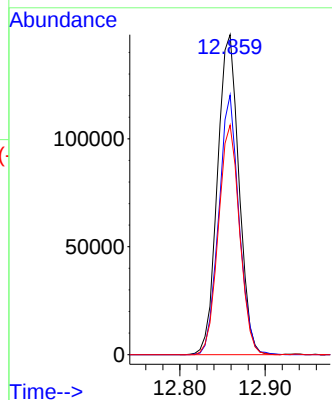
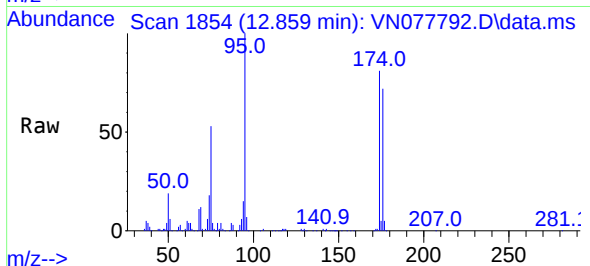




#62
4-Bromofluorobenzene
Concen: 41.429 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

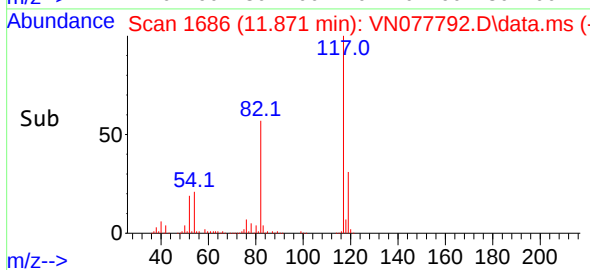
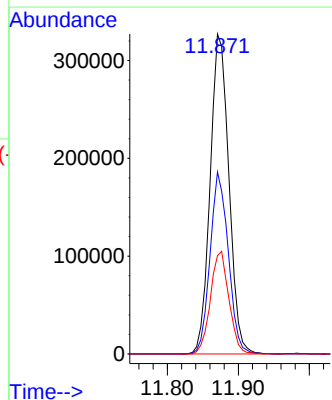
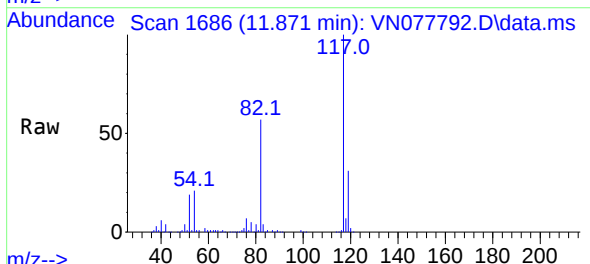
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

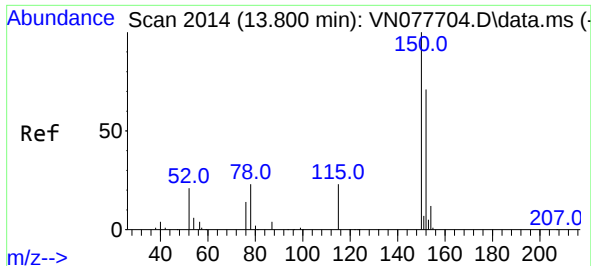
Tgt Ion: 95 Resp: 259364
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 70.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

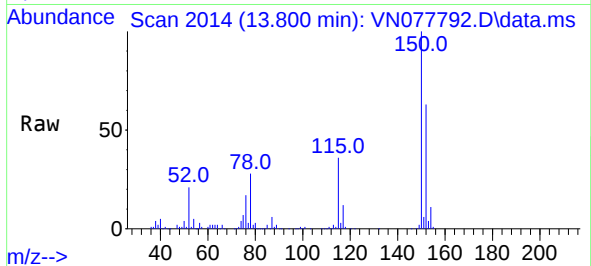
Tgt Ion: 117 Resp: 599019
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 30.7 25.6 38.4



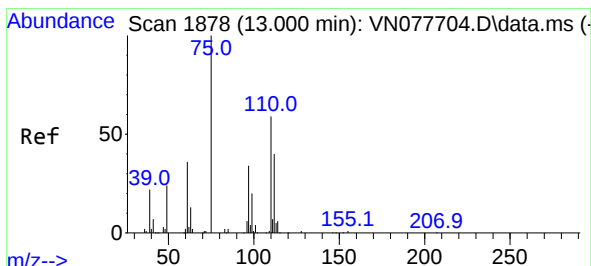
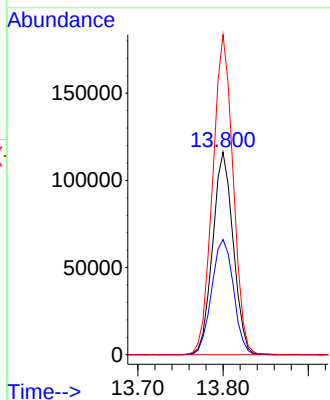
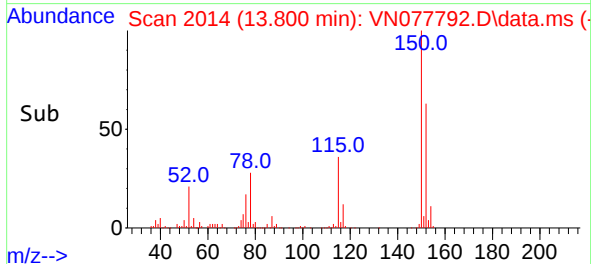


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

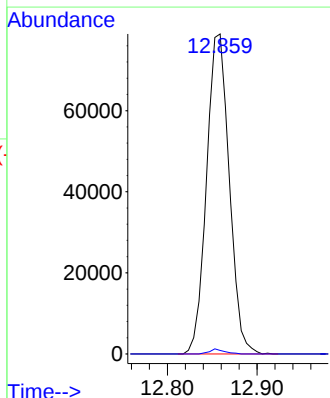
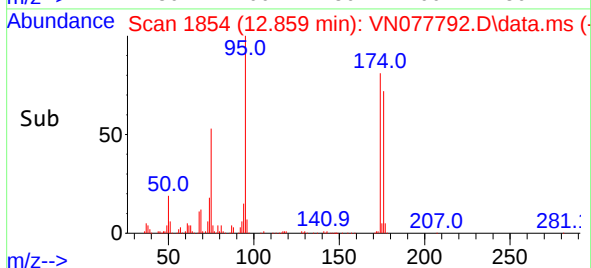
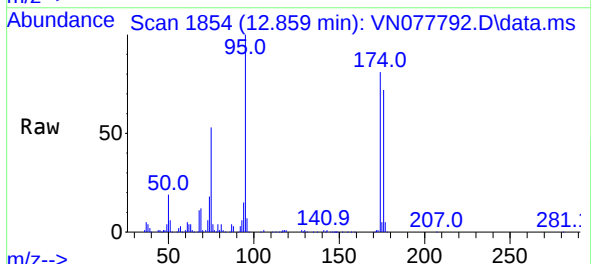


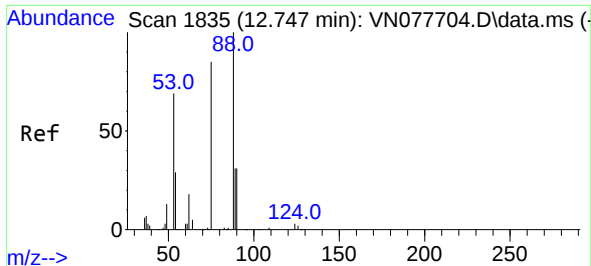
Tgt Ion:152 Resp: 194700
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 157.2 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 28.423 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077792.D
Acq: 22 May 2023 16:17

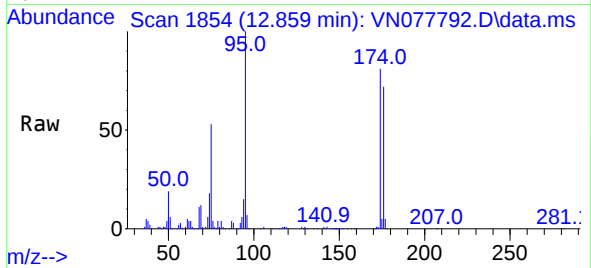
Tgt Ion: 75 Resp: 138590
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.855 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077792.D
 Acq: 22 May 2023 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D1-20230518



Tgt Ion: 75 Resp: 138590
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

