

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083081.D
 Acq On : 30 Jul 2024 20:41
 Operator : JC\MD
 Sample : PB162353ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

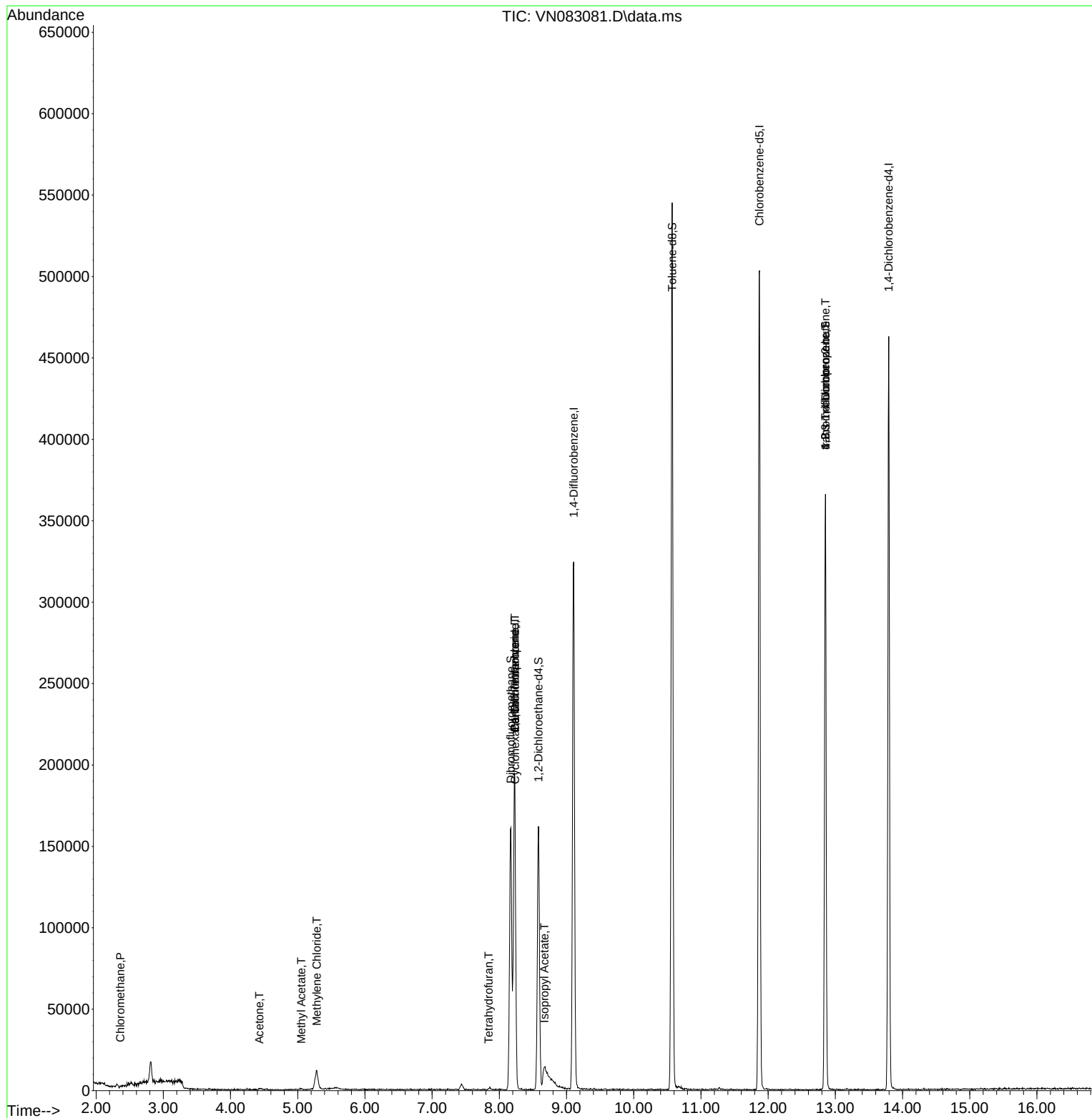
Internal Standards						
1) Pentafluorobenzene	8.230	168	133975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129149	68.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 137.540%#	
35) Dibromofluoromethane	8.171	113	109288	62.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 125.000%#	
50) Toluene-d8	10.571	98	361726	56.012	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.020%	
62) 4-Bromofluorobenzene	12.853	95	110787	47.758	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	581	0.353	ug/l #	43
16) Acetone	4.430	43	455	0.688	ug/l #	48
18) Methyl Acetate	5.053	43	740	0.423	ug/l #	56
20) Methylene Chloride	5.283	84	8873	5.557	ug/l #	83
29) Tetrahydrofuran	7.841	42	519	0.826	ug/l #	88
31) Cyclohexane	8.236	56	3766	1.534	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	12537	5.201	ug/l #	50
38) Carbon Tetrachloride	8.230	117	14773	5.090	ug/l #	17
43) Isopropyl Acetate	8.671	43	20569	1.571	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	63185	31.016	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	63185	61.000	ug/l #	6

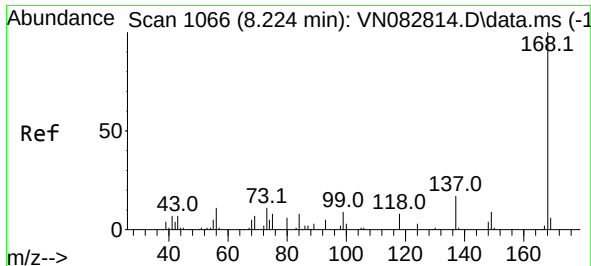
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 06:09:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

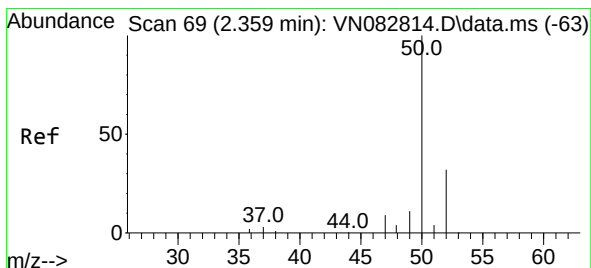
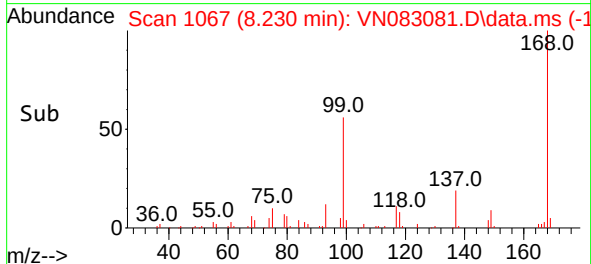
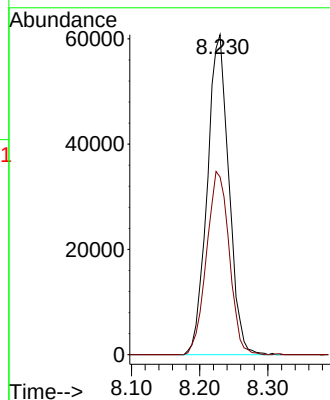
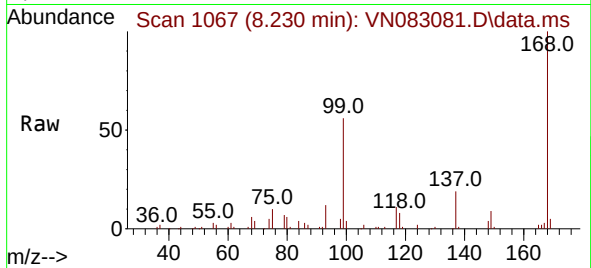




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

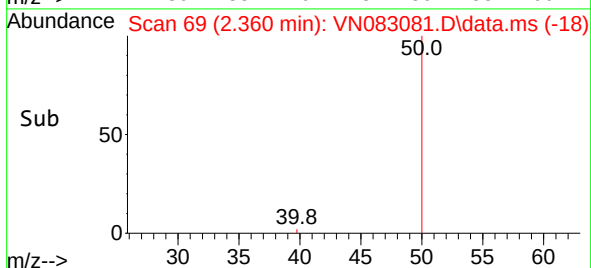
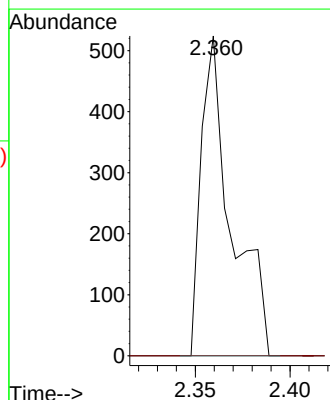
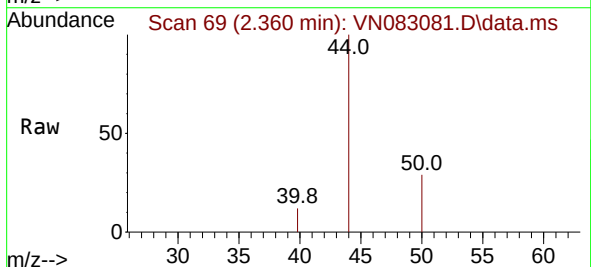
Instrument :
MSVOA_N
ClientSampleId :

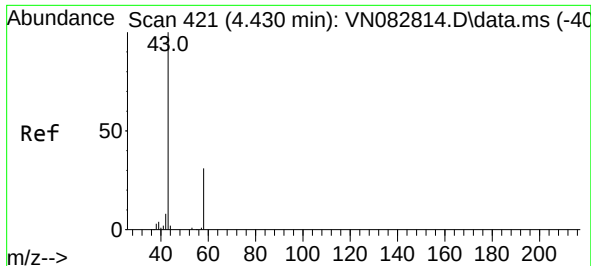
Tgt Ion:168 Resp: 133975
Ion Ratio Lower Upper
168 100
99 55.6 48.2 72.4



#3
Chloromethane
Concen: 0.353 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Tgt Ion: 50 Resp: 581
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

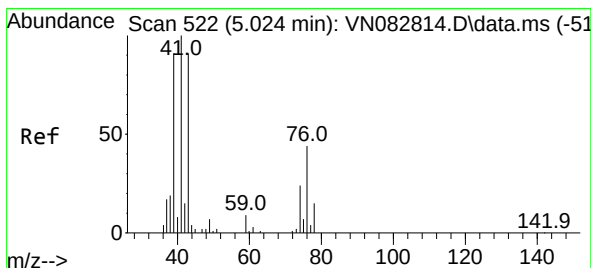
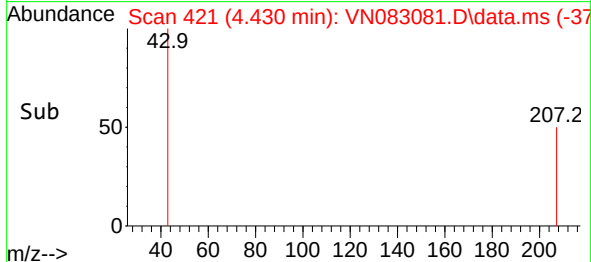
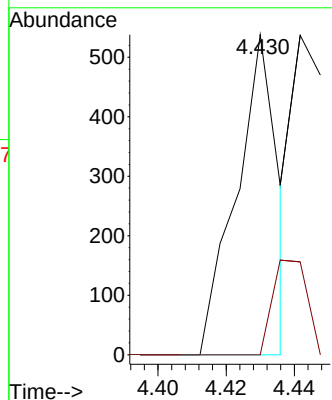
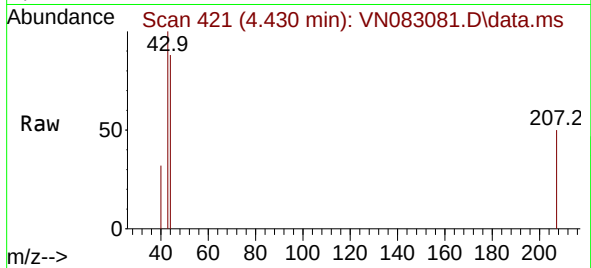




#16
Acetone
Concen: 0.688 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

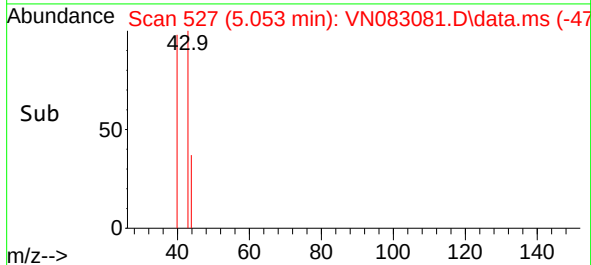
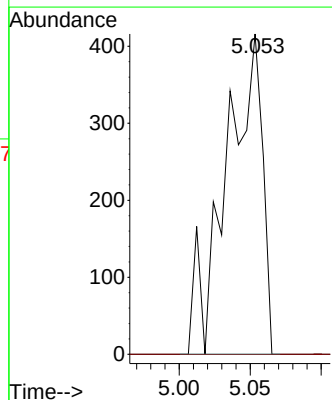
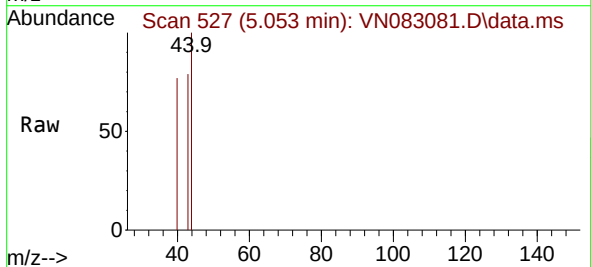
Instrument :
MSVOA_N
ClientSampleId :

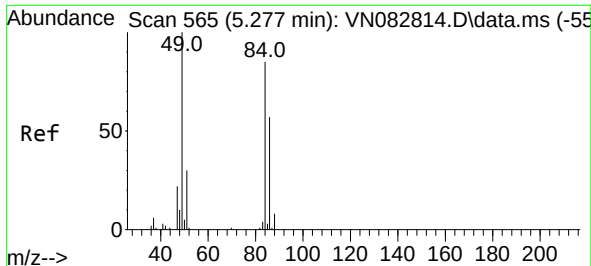
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#18
Methyl Acetate
Concen: 0.423 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.023 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

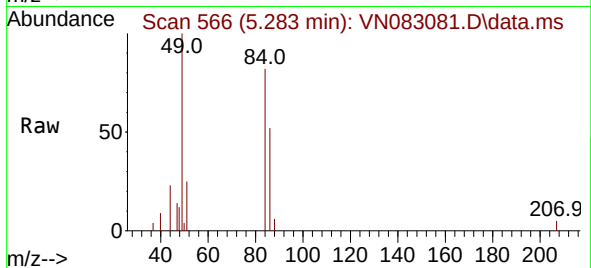
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



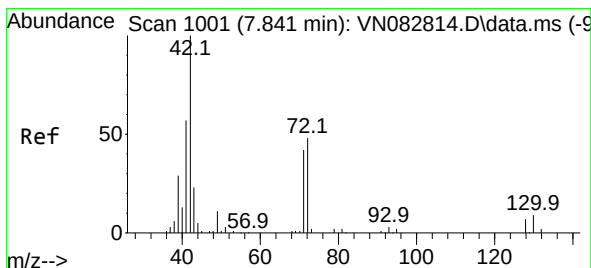
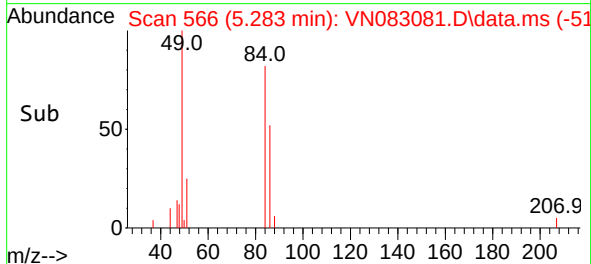
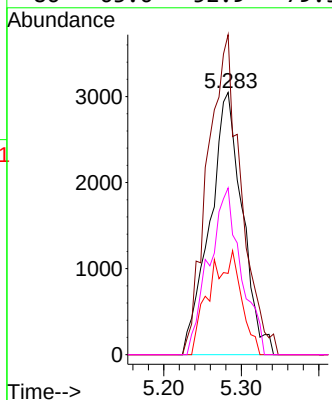


#20
Methylene Chloride
Concen: 5.557 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Instrument :
MSVOA_N
ClientSampleId :

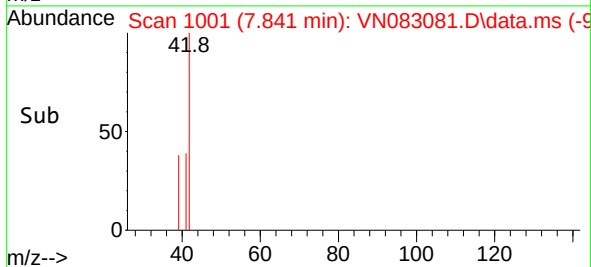
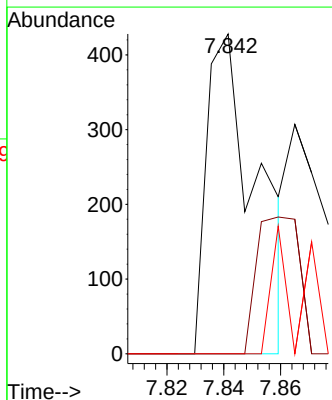
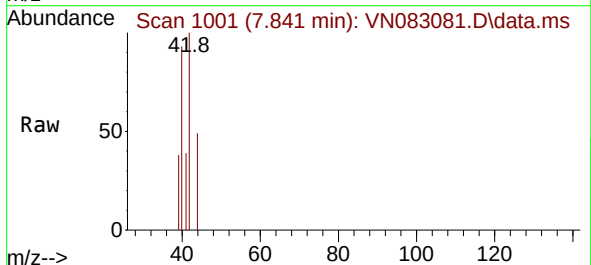


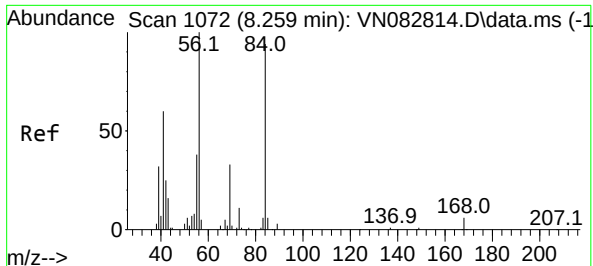
Tgt Ion:	84	Resp:	8873
Ion	Ratio	Lower	Upper
84	100		
49	122.1	119.6	179.4
51	31.0	34.8	52.2#
86	63.6	52.9	79.3



#29
Tetrahydrofuran
Concen: 0.826 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

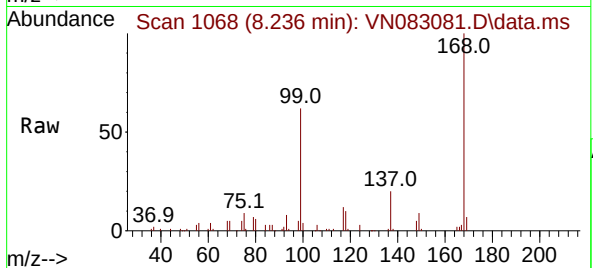
Tgt Ion:	42	Resp:	519
Ion	Ratio	Lower	Upper
42	100		
72	36.8	30.0	45.0
71	21.8	28.3	42.5#



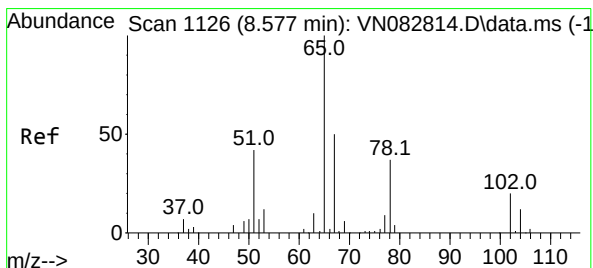
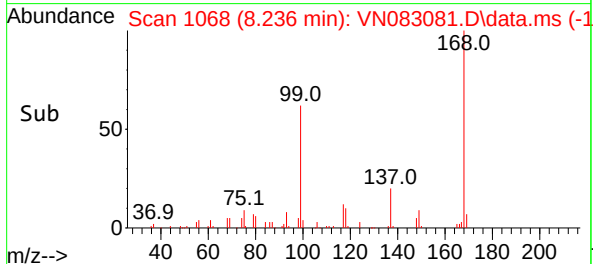
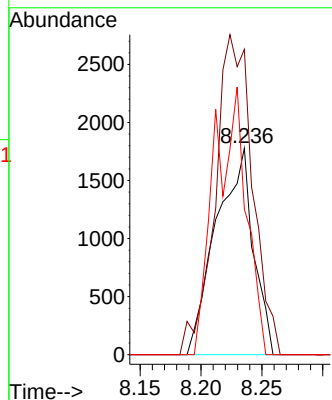


#31
Cyclohexane
Concen: 1.534 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Instrument :
MSVOA_N
ClientSampleId :

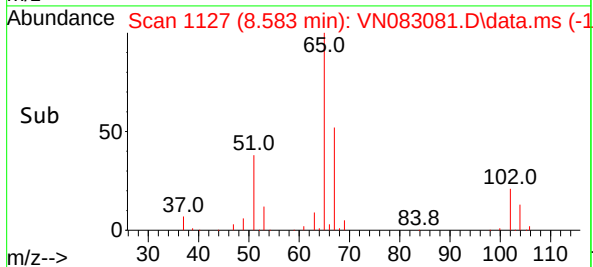
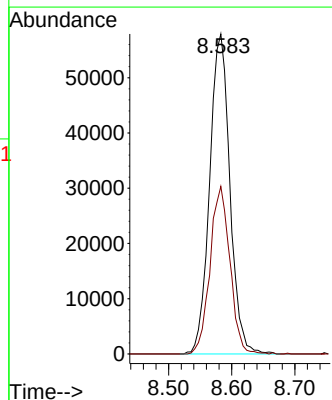
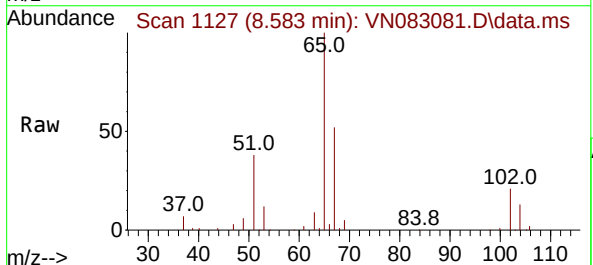


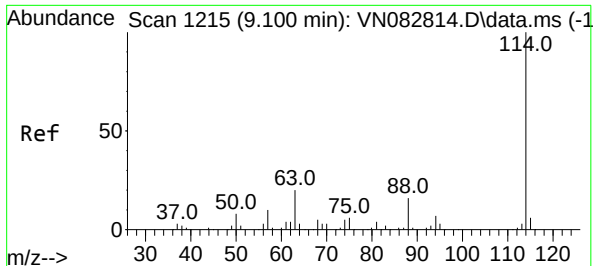
Tgt Ion: 56 Resp: 3766
Ion Ratio Lower Upper
56 100
69 147.9 24.5 36.7#
84 70.5 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 68.767 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Tgt Ion: 65 Resp: 129149
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4

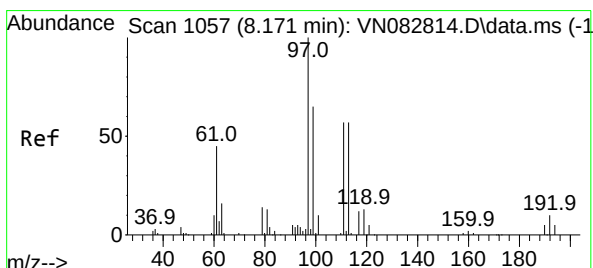
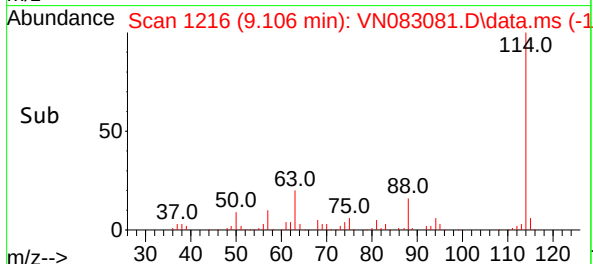
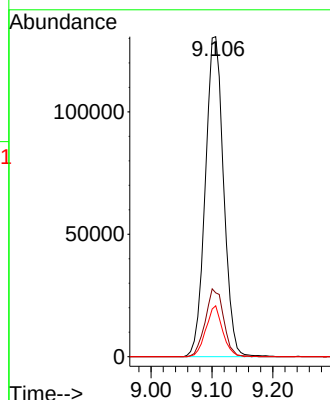
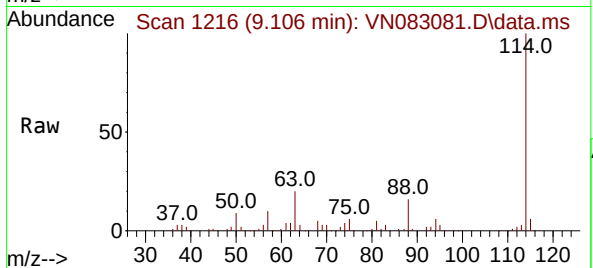




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

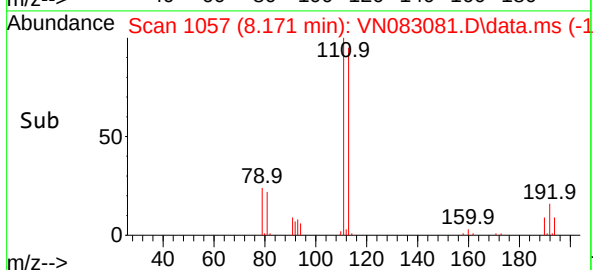
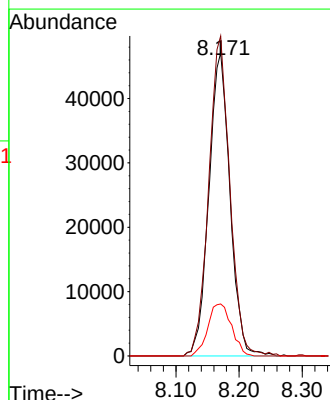
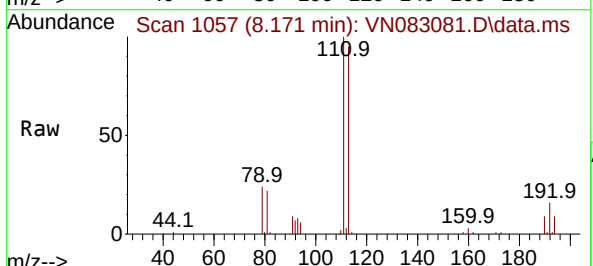
Instrument :
MSVOA_N
ClientSampleId :

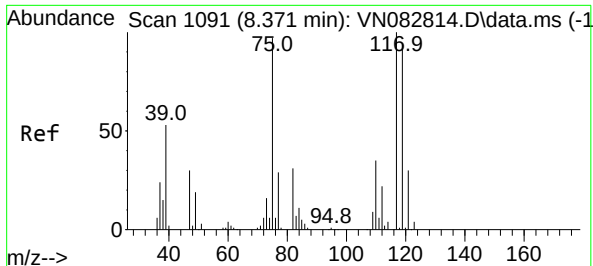
Tgt Ion:114 Resp: 272489
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 62.504 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Tgt Ion:113 Resp: 109288
Ion Ratio Lower Upper
113 100
111 105.7 82.4 123.6
192 19.3 14.9 22.3

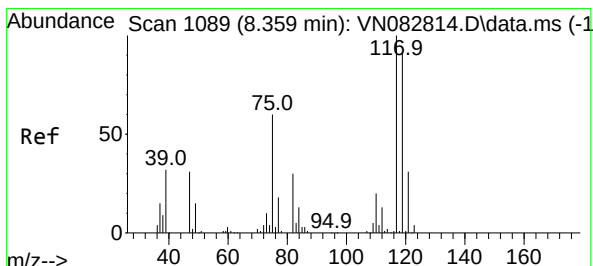
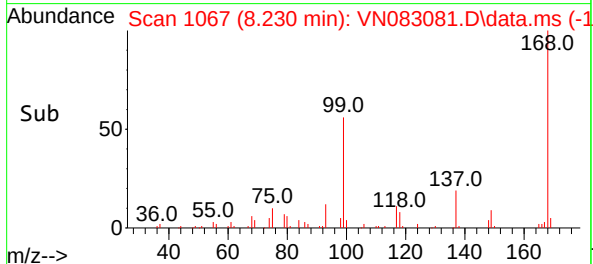
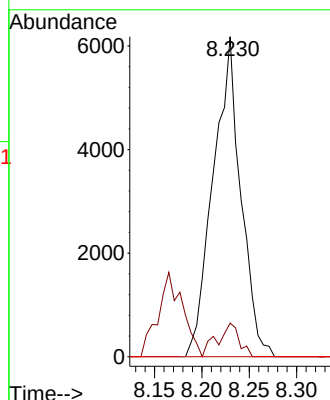
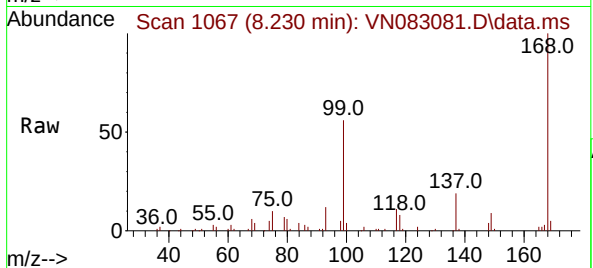




#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

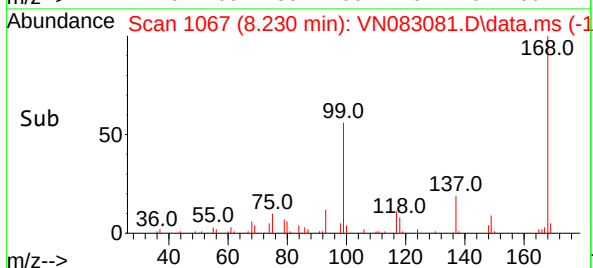
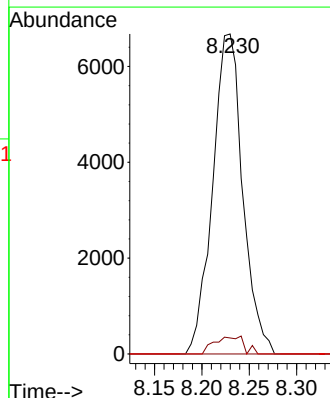
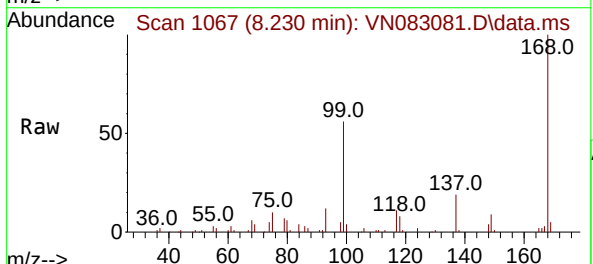
Instrument :
MSVOA_N
ClientSampleId :

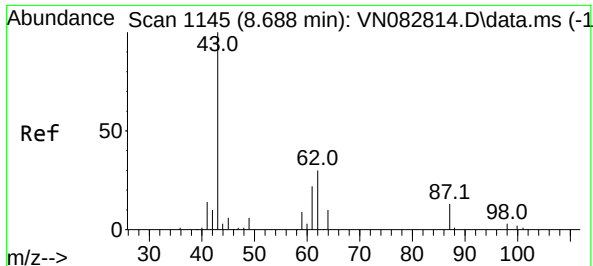
Tgt Ion: 75 Resp: 12537
Ion Ratio Lower Upper
75 100
110 8.3 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.090 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Tgt Ion: 117 Resp: 14773
Ion Ratio Lower Upper
117 100
119 5.0 74.9 112.3#
121 0.0 24.3 36.5#

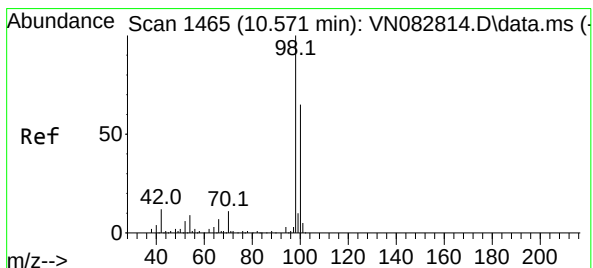
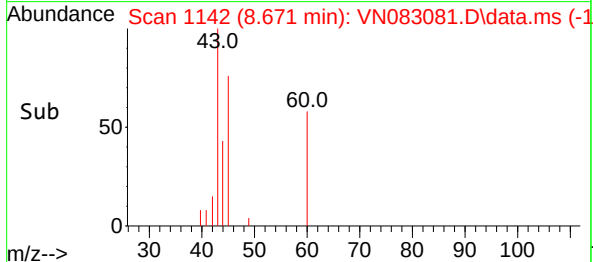
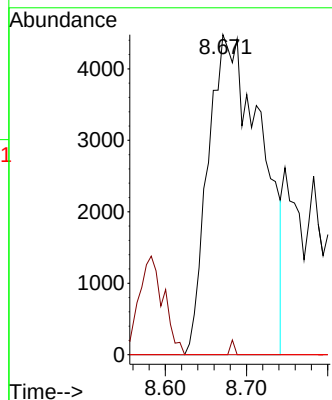
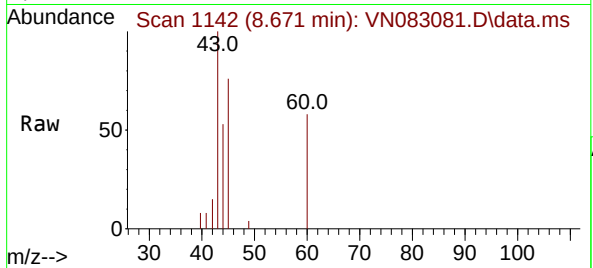




#43
Isopropyl Acetate
Concen: 1.571 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.023 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

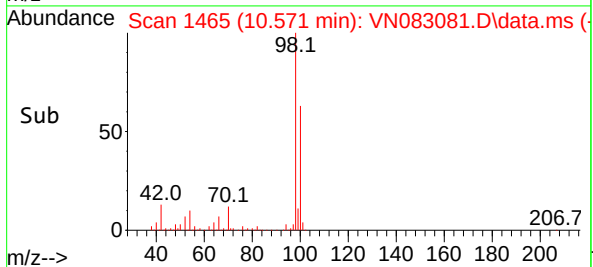
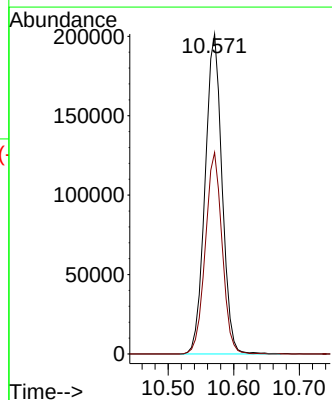
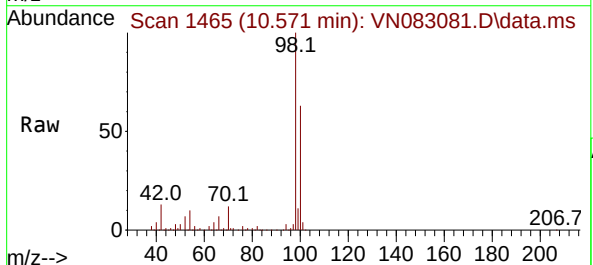
Instrument :
MSVOA_N
ClientSampleId :

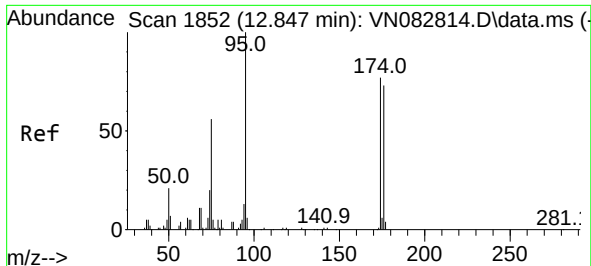
Tgt Ion: 43 Resp: 20569
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 56.012 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Tgt Ion: 98 Resp: 361726
Ion Ratio Lower Upper
98 100
100 62.5 51.5 77.3

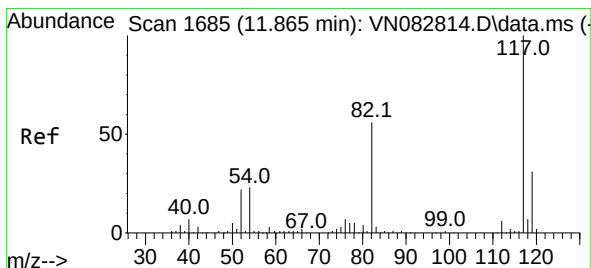
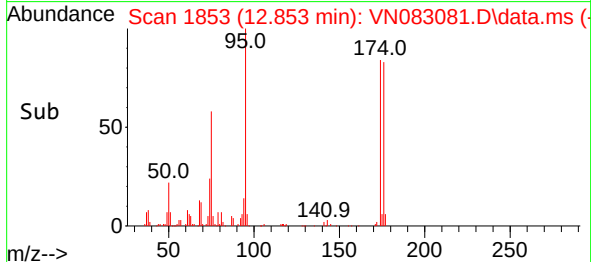
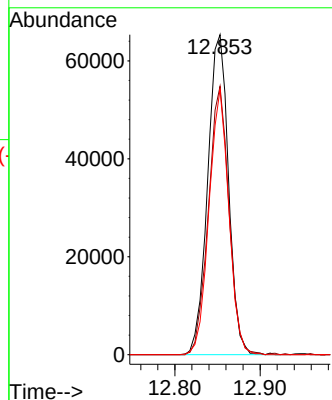
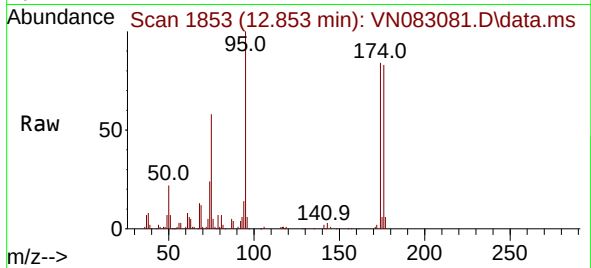




#62
4-Bromofluorobenzene
Concen: 47.758 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

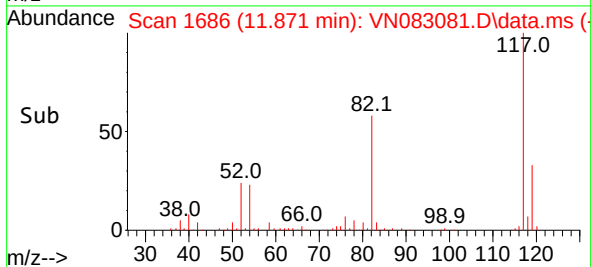
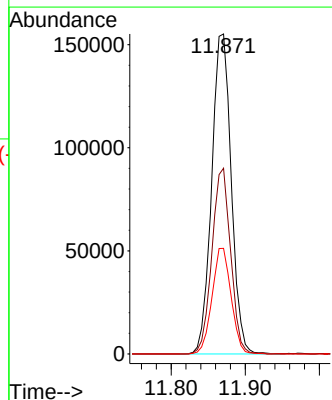
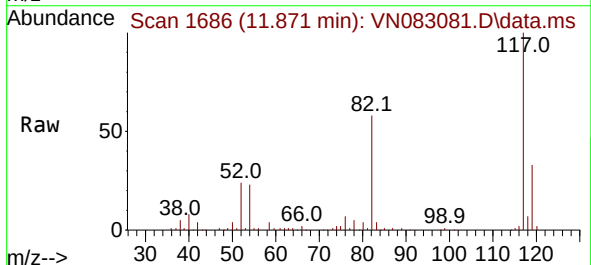
Instrument :
MSVOA_N
ClientSampleId :

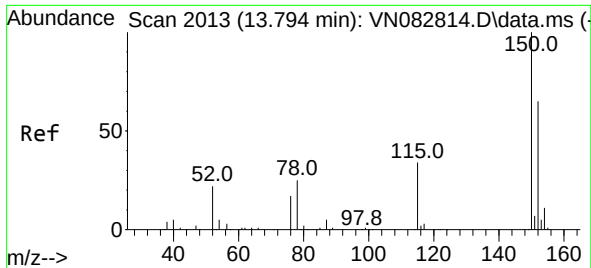
Tgt Ion: 95 Resp: 110787
Ion Ratio Lower Upper
95 100
174 82.9 0.0 159.2
176 78.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

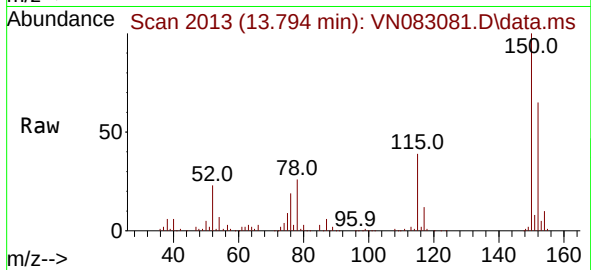
Tgt Ion: 117 Resp: 284314
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 33.0 25.6 38.4



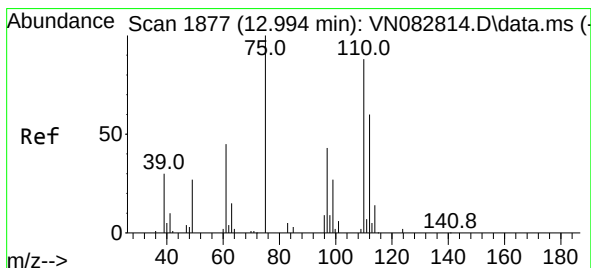
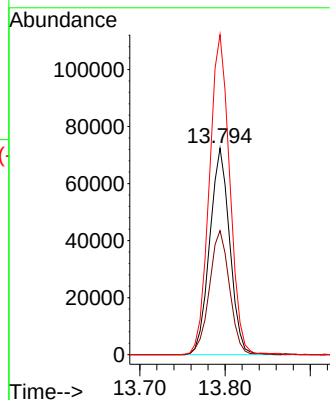
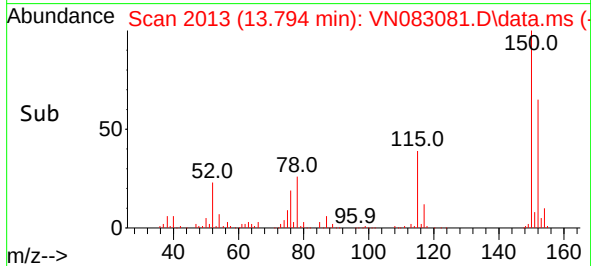


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083081.D
 Acq: 30 Jul 2024 20:41

Instrument :
 MSVOA_N
 ClientSampleId :

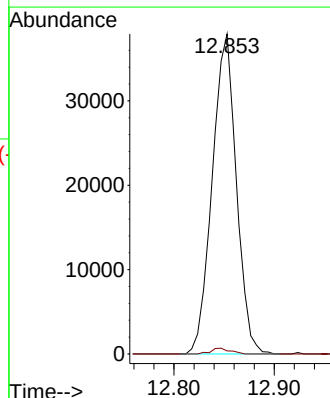
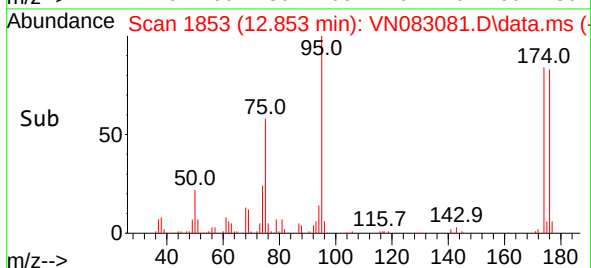
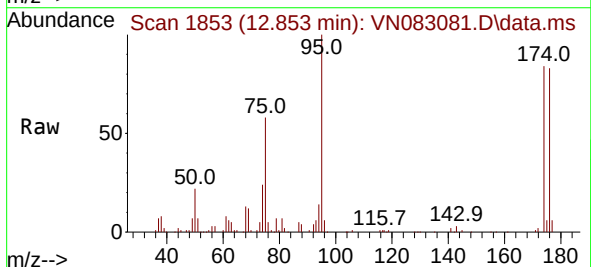


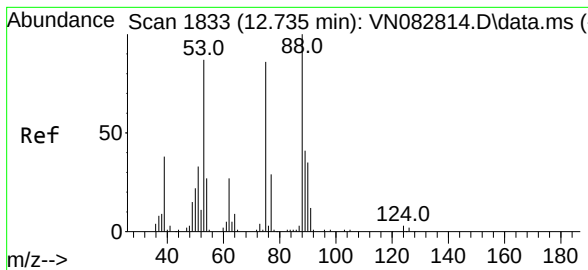
Tgt Ion:152 Resp: 118160
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.6 91.6
 150 157.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.016 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083081.D
 Acq: 30 Jul 2024 20:41

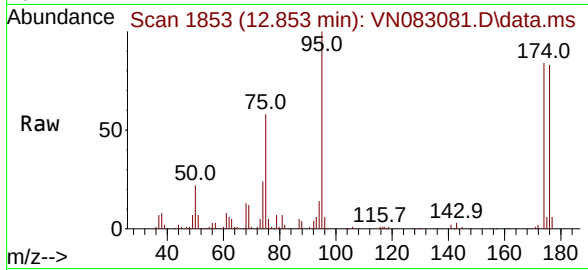
Tgt Ion: 75 Resp: 63185
 Ion Ratio Lower Upper
 75 100
 77 1.4 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.000 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083081.D
 Acq: 30 Jul 2024 20:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 63185
 Ion Ratio Lower Upper
 75 100
 53 0.4 88.4 132.6#
 89 0.0 36.3 54.5#

