

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083141.D
 Acq On : 07 Aug 2024 13:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 08 06:35:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

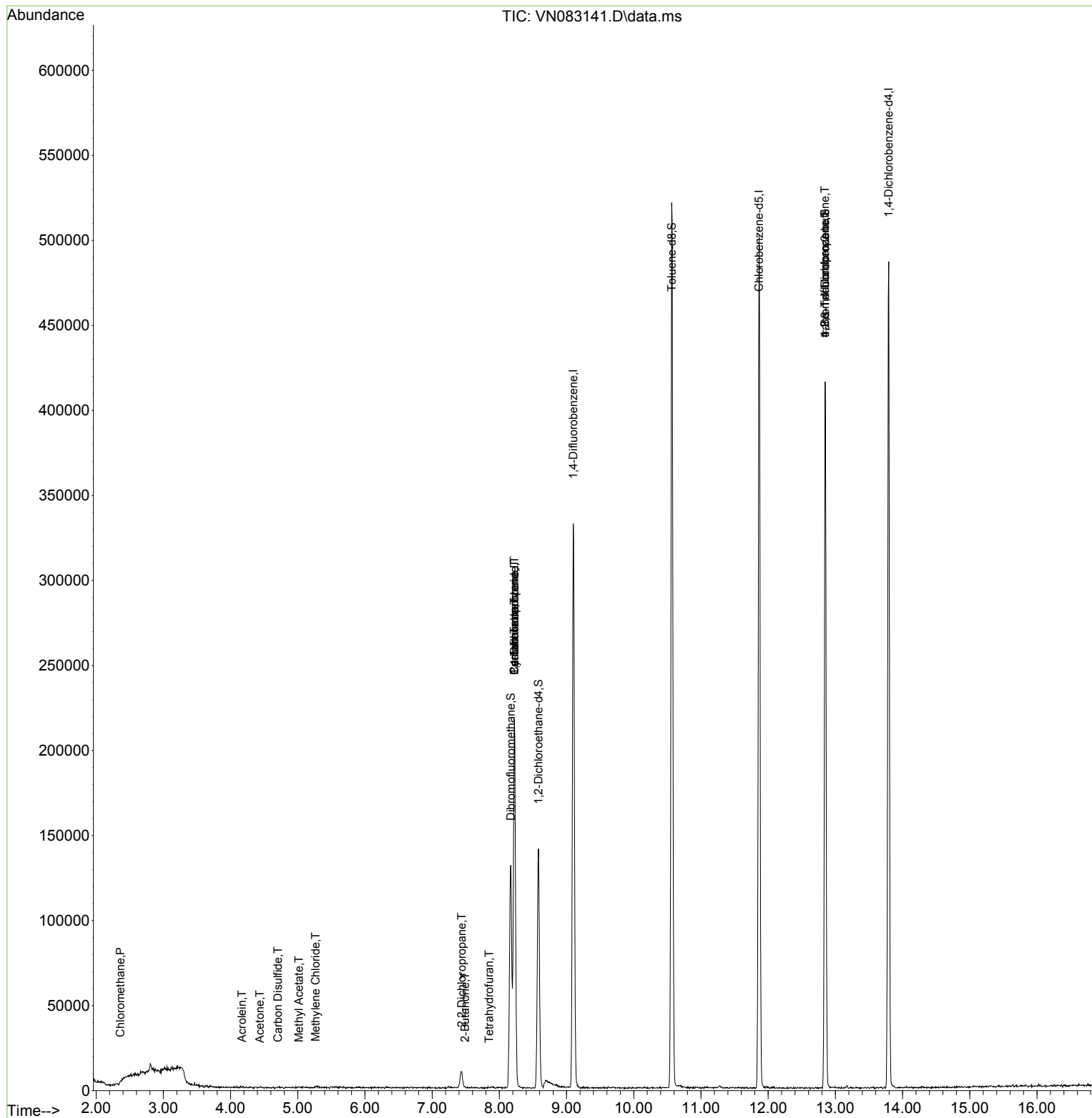
Internal Standards						
1) Pentafluorobenzene	8.224	168	150680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116788	54.453	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.900%		
35) Dibromofluoromethane	8.171	113	95400	53.820	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.640%		
50) Toluene-d8	10.565	98	362644	54.845	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.700%		
62) 4-Bromofluorobenzene	12.847	95	151561	58.795	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 117.580%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	461	0.264	ug/l #	43
13) Acrolein	4.171	56	77	0.265	ug/l #	14
16) Acetone	4.436	43	1103	1.314	ug/l #	48
17) Carbon Disulfide	4.706	76	1053	0.215	ug/l #	75
18) Methyl Acetate	5.018	43	586	0.234	ug/l #	56
20) Methylene Chloride	5.265	84	535	0.277	ug/l #	42
25) 2-Butanone	7.488	43	269	0.209	ug/l #	53
26) 2,2-Dichloropropane	7.441	77	612	0.204	ug/l #	56
29) Tetrahydrofuran	7.847	42	174	0.209	ug/l #	38
31) Cyclohexane	8.224	56	3984	1.253	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	12969	4.837	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16562	5.484	ug/l #	18
43) Isopropyl Acetate	8.694	43	7082	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.847	75	81695	28.773	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81695	62.587	ug/l #	6

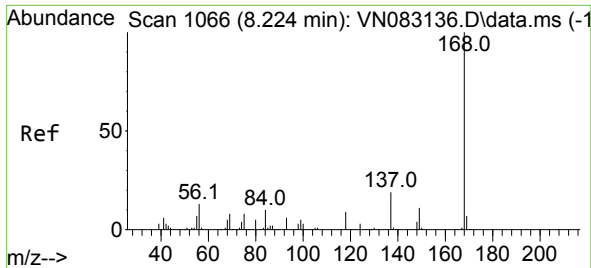
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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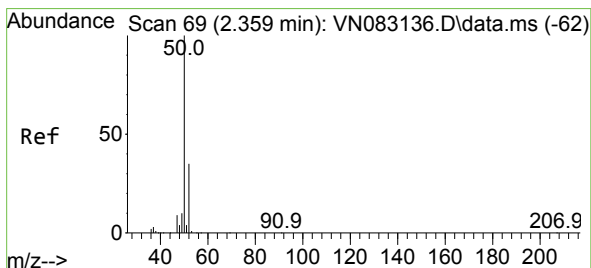
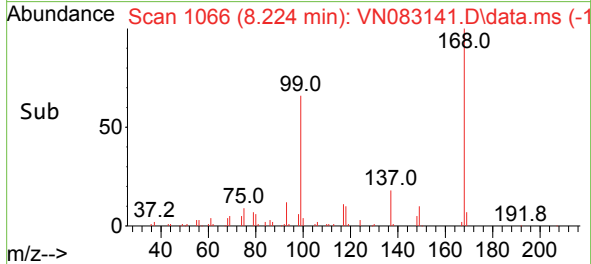
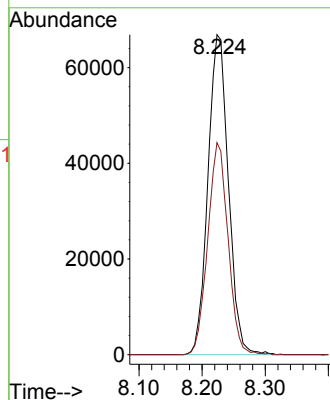
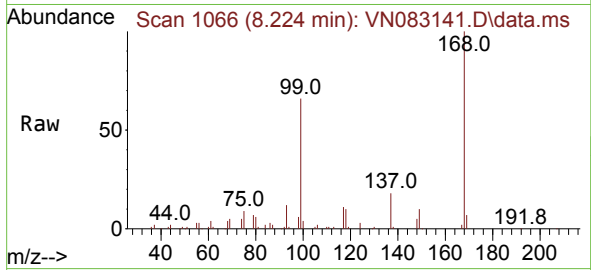




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

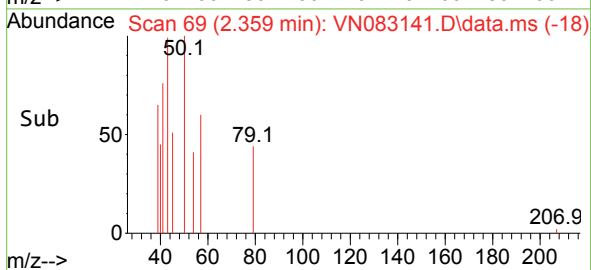
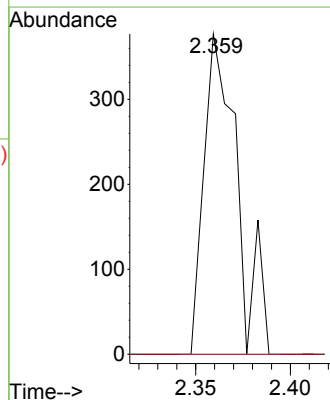
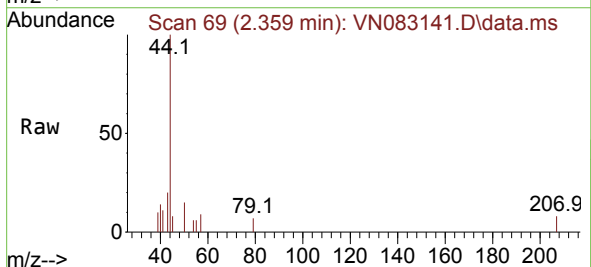
Instrument :
MSVOA_N
ClientSampleId :
IBLK

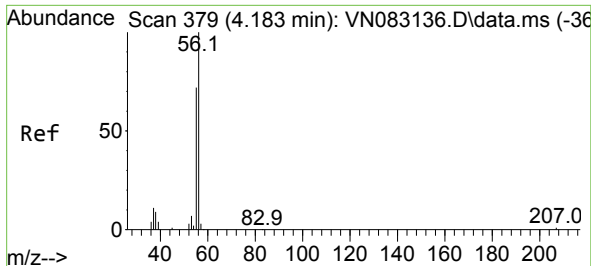
Tgt Ion:168 Resp: 150680
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4



#3
Chloromethane
Concen: 0.264 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

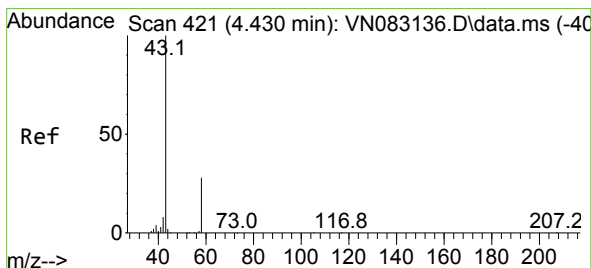
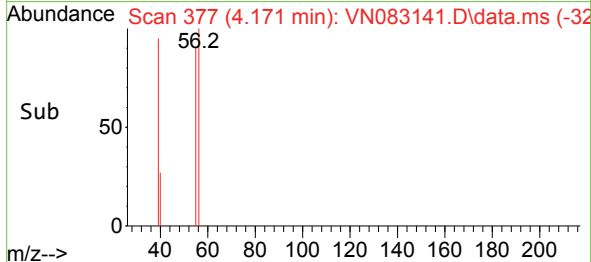
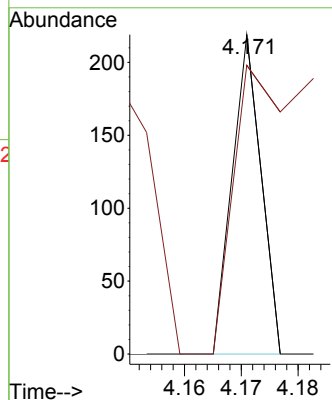
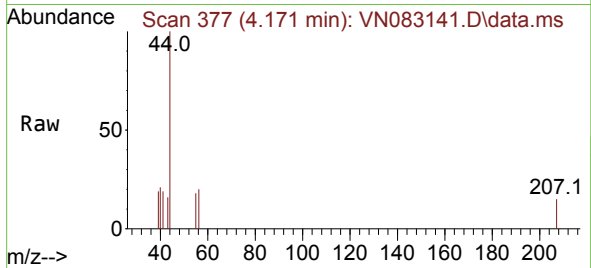




#13
Acrolein
Concen: 0.265 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

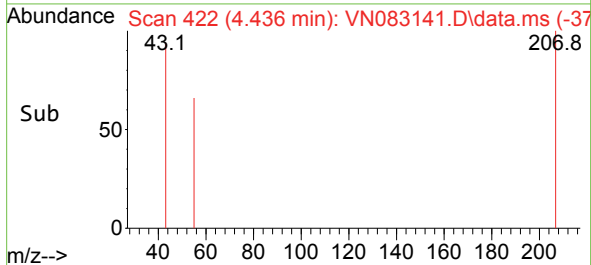
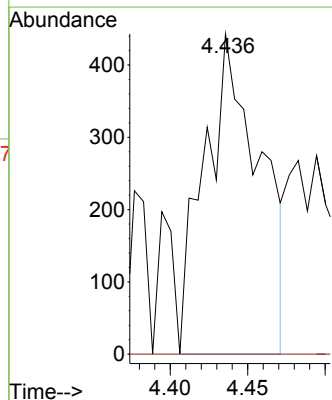
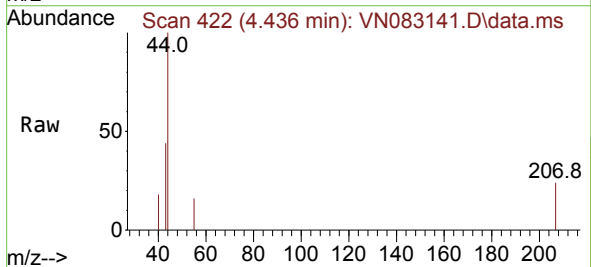
Instrument :
MSVOA_N
ClientSampleId :
IBLK

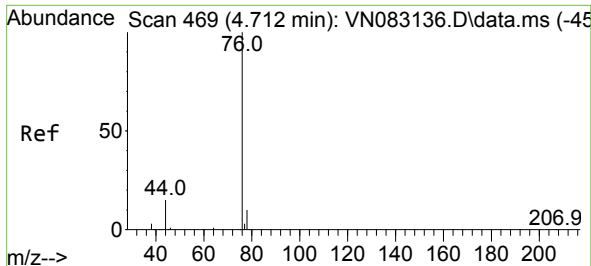
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.314 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

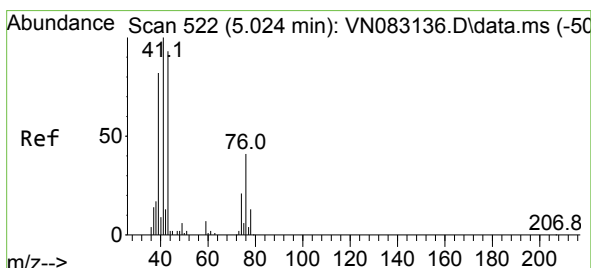
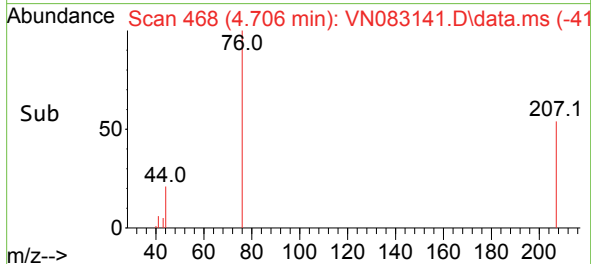
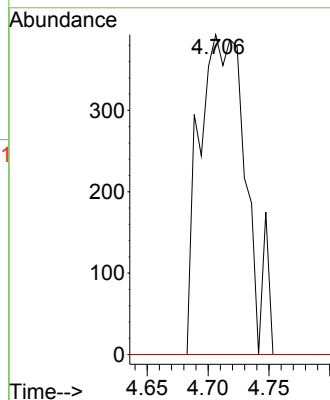
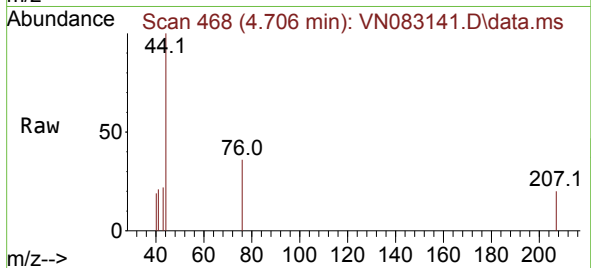




#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

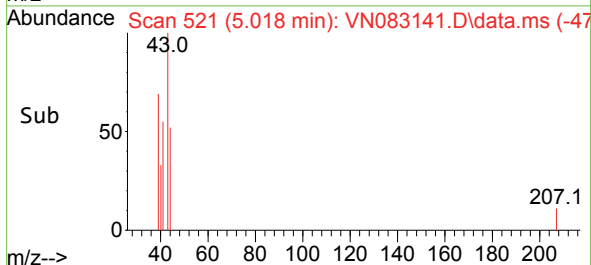
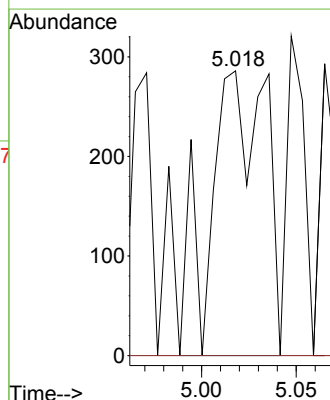
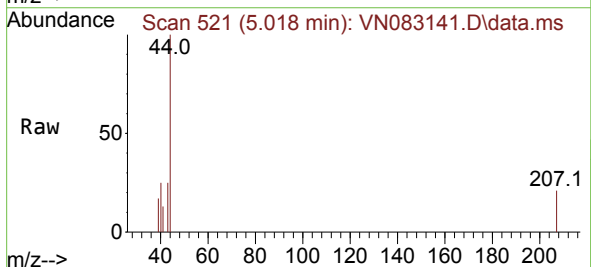
Instrument :
MSVOA_N
ClientSampleId :
IBLK

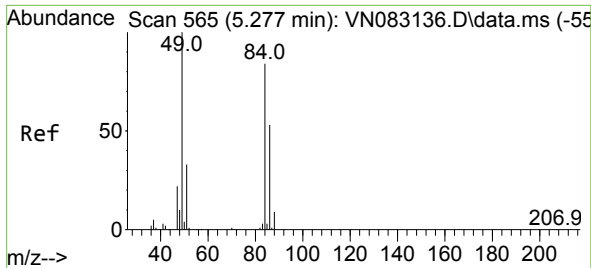
Tgt Ion: 76 Resp: 1053
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#

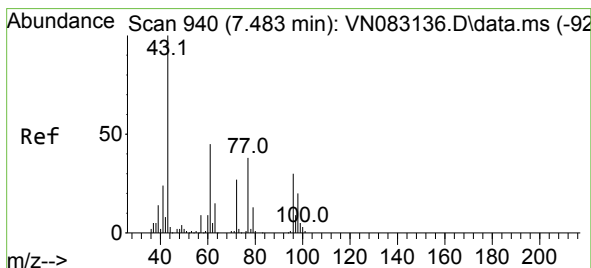
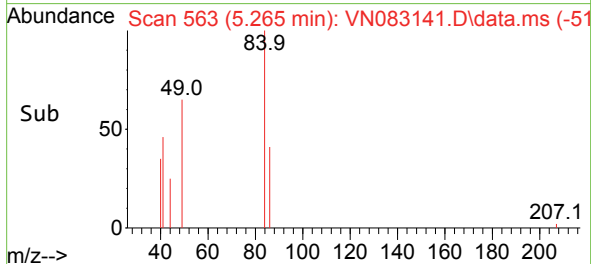
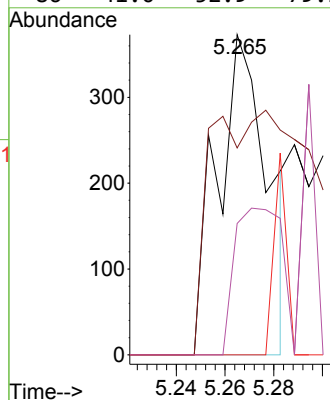
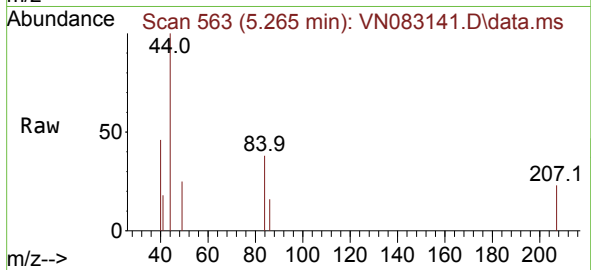




#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 5.265 min Scan# 503
Delta R.T. -0.012 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

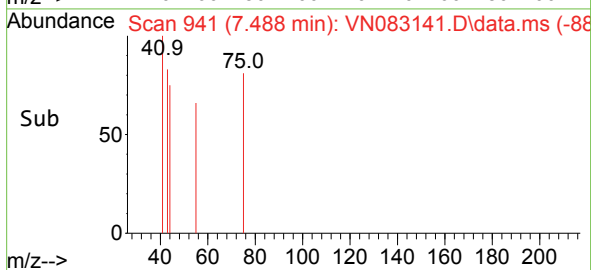
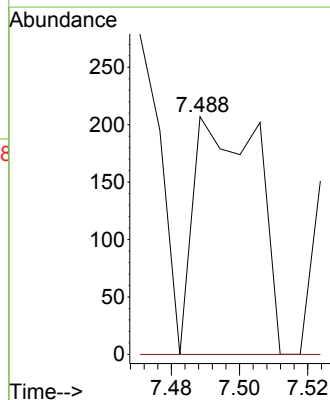
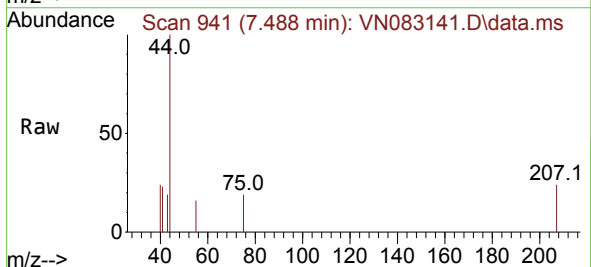
Instrument :
MSVOA_N
ClientSampleId :
IBLK

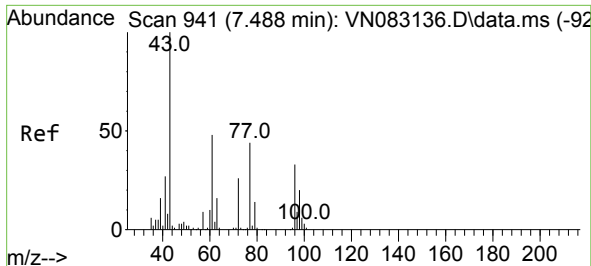
Tgt Ion: 84 Resp: 535
Ion Ratio Lower Upper
84 100
49 64.6 119.6 179.4#
51 0.0 34.8 52.2#
86 41.0 52.9 79.3#



#25
2-Butanone
Concen: 0.209 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#

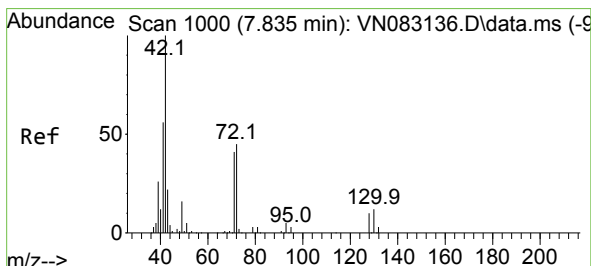
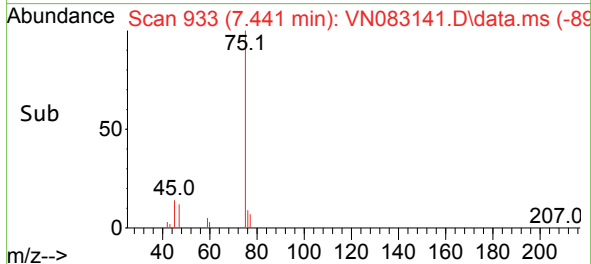
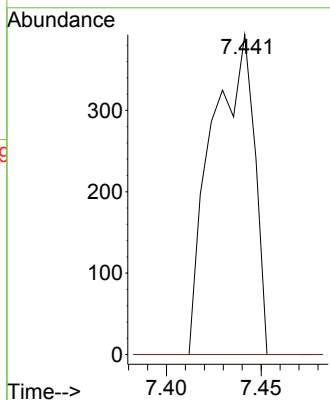
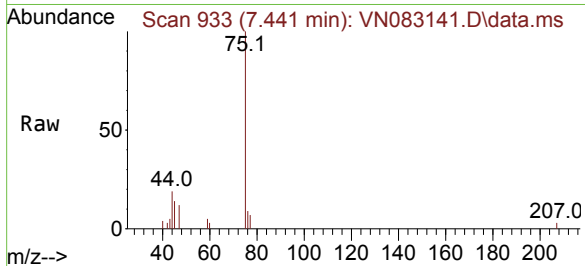




#26
2,2-Dichloropropane
Concen: 0.204 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

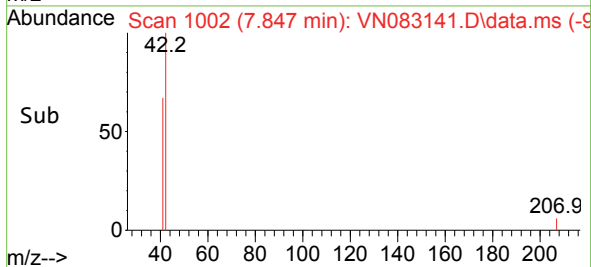
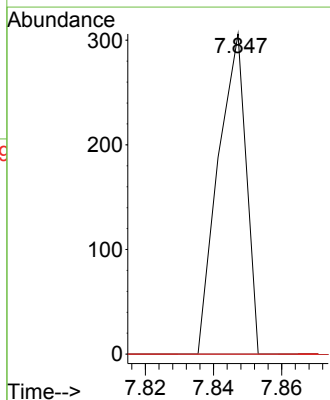
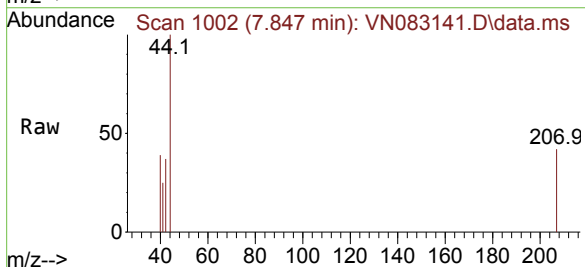
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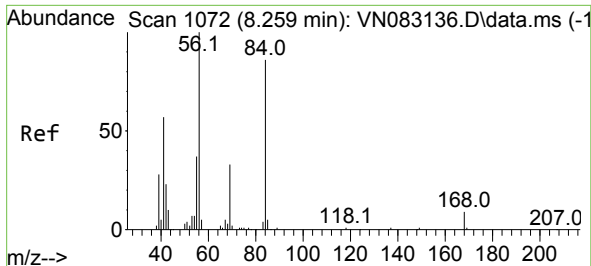
Tgt Ion: 77 Resp: 612
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#29
Tetrahydrofuran
Concen: 0.209 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 42 Resp: 174
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.3 42.5#

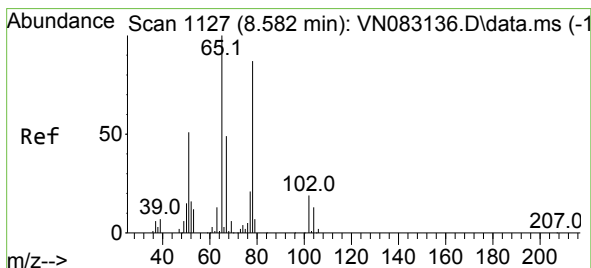
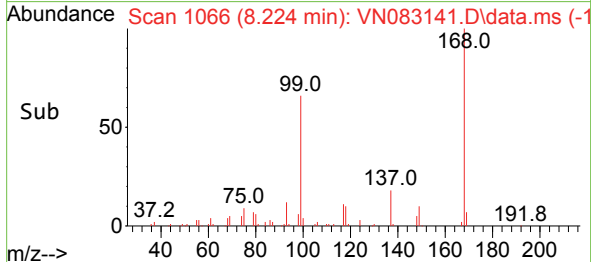
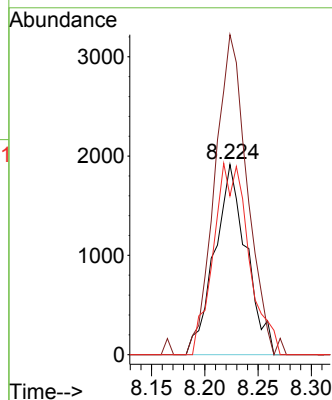
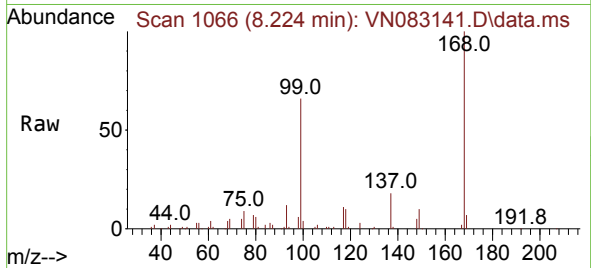




#31
Cyclohexane
Concen: 1.253 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

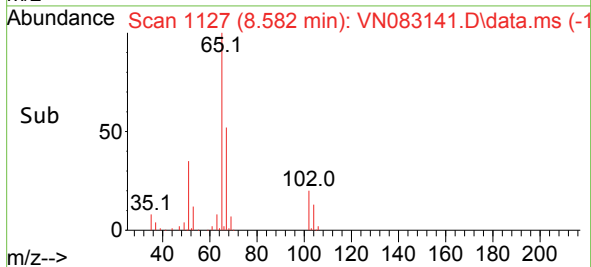
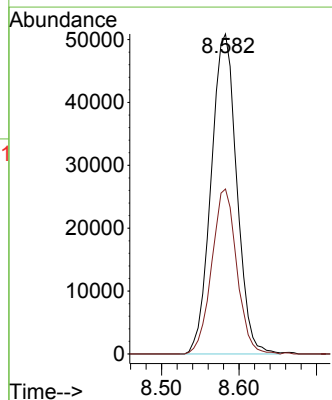
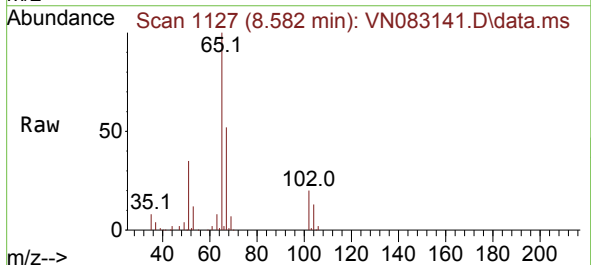
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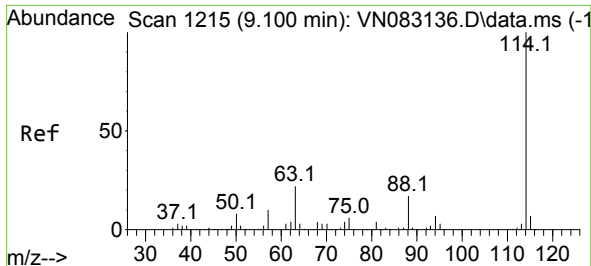
Tgt Ion: 56 Resp: 3984
Ion Ratio Lower Upper
56 100
69 168.2 24.5 36.7#
84 83.4 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 54.453 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 65 Resp: 116788
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083141.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

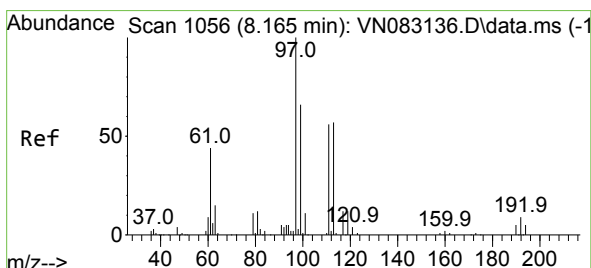
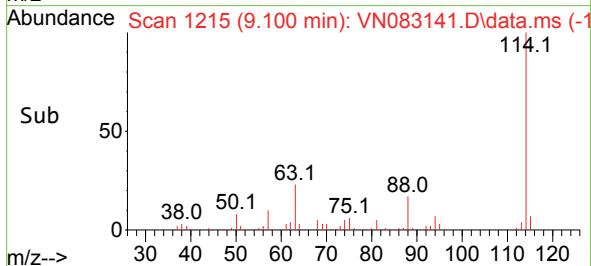
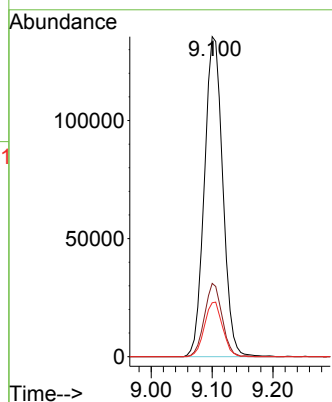
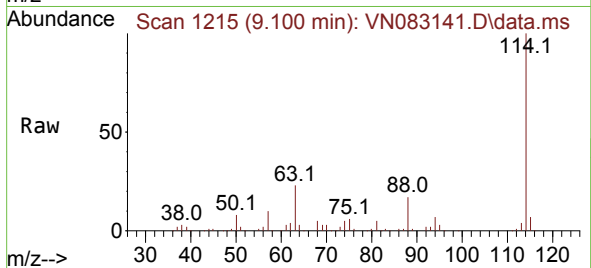
Tgt Ion:114 Resp: 283986

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.820 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083141.D

Acq: 07 Aug 2024 13:22

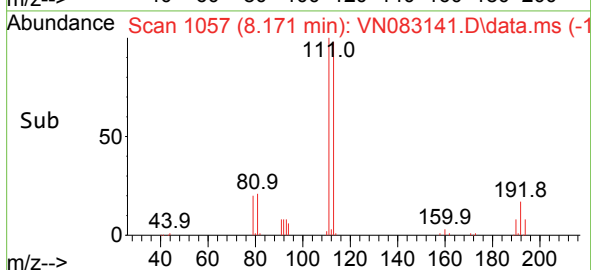
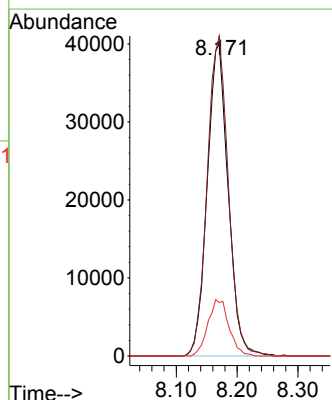
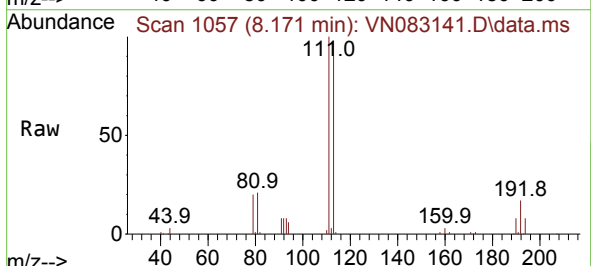
Tgt Ion:113 Resp: 95400

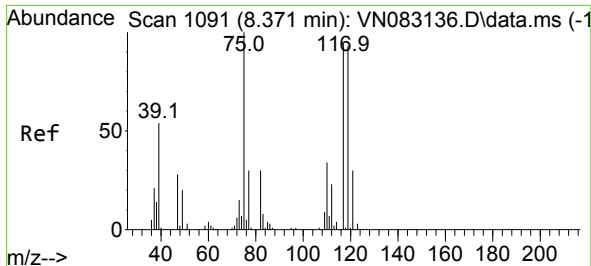
Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 18.2 14.9 22.3

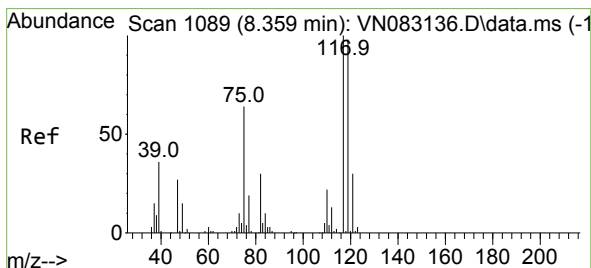
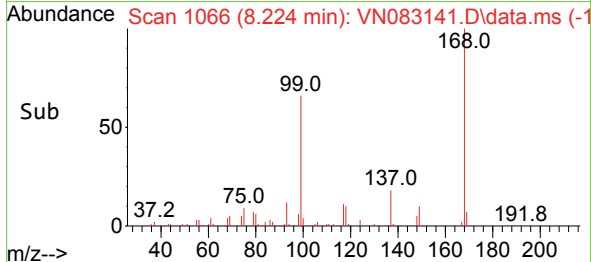
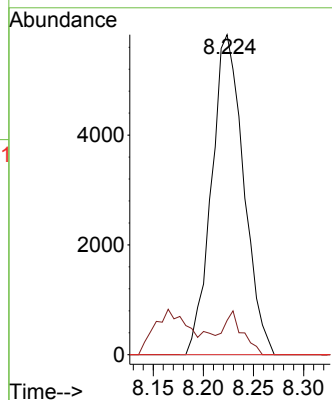
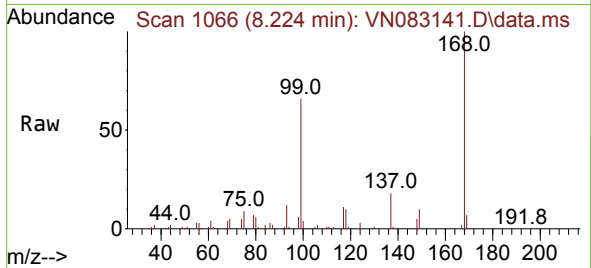




#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

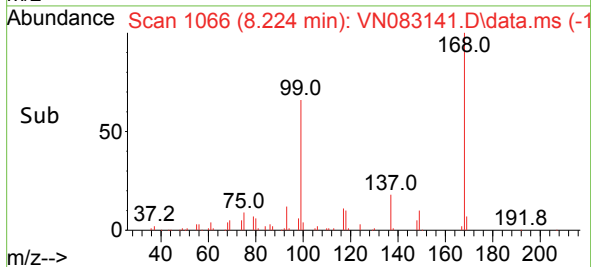
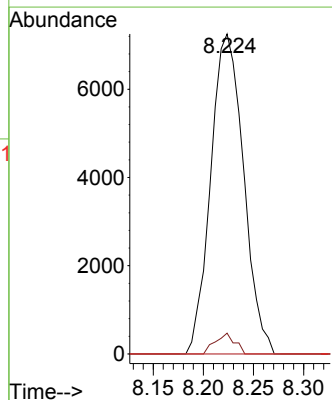
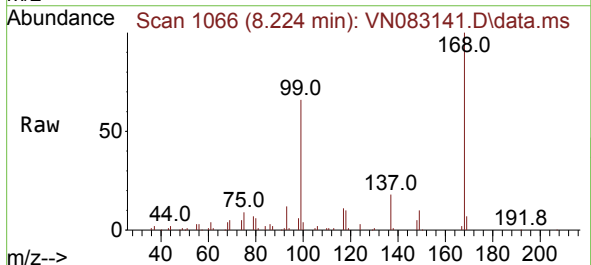
Instrument :
MSVOA_N
ClientSampleId :
IBLK

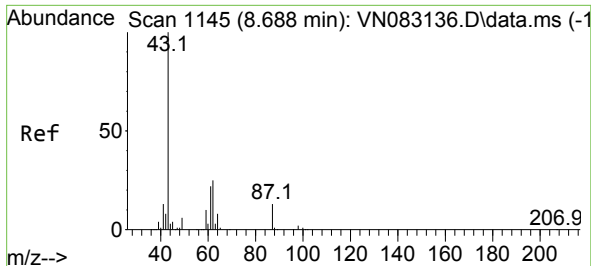
Tgt Ion: 75 Resp: 12969
Ion Ratio Lower Upper
75 100
110 8.1 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.484 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 117 Resp: 16562
Ion Ratio Lower Upper
117 100
119 6.5 74.9 112.3#
121 0.0 24.3 36.5#

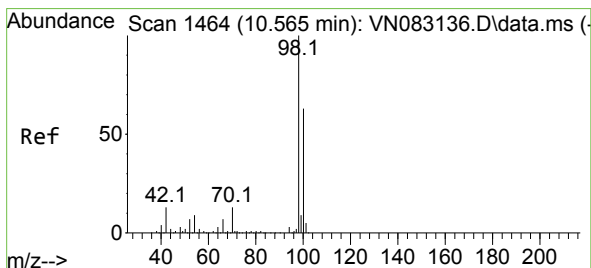
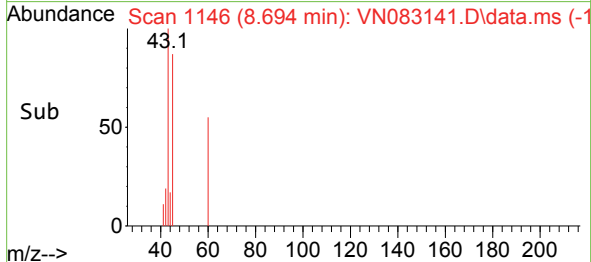
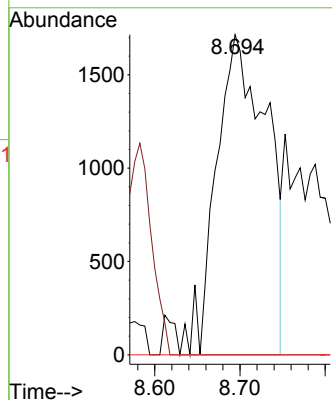
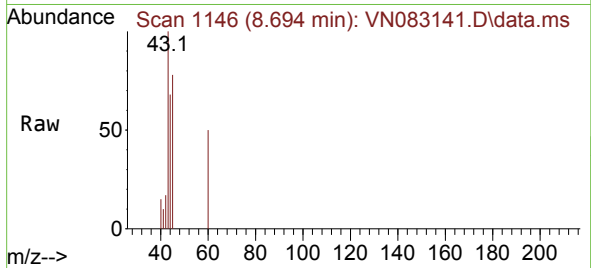




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

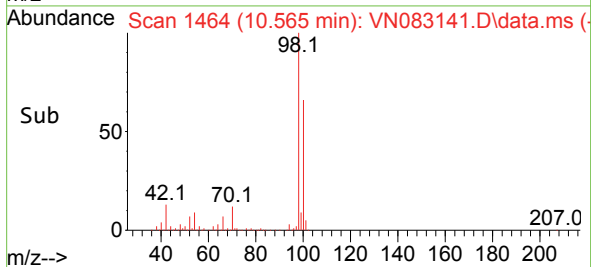
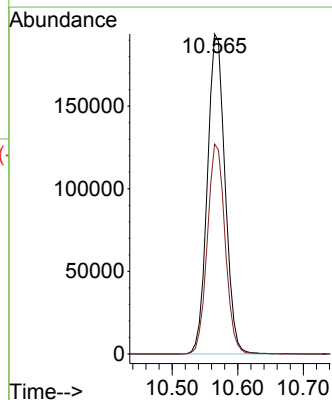
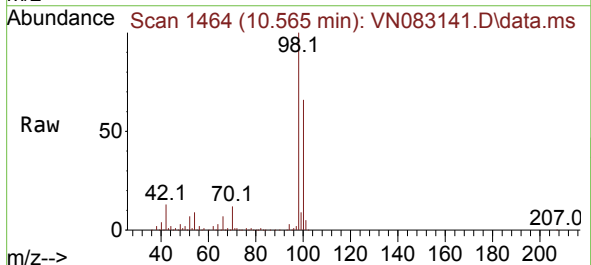
Instrument :
MSVOA_N
ClientSampleId :
IBLK

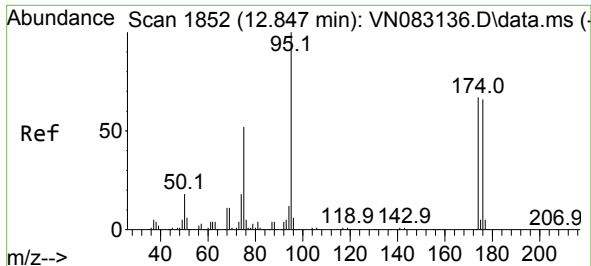
Tgt Ion: 43 Resp: 7082
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.845 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 98 Resp: 362644
Ion Ratio Lower Upper
98 100
100 66.0 51.5 77.3

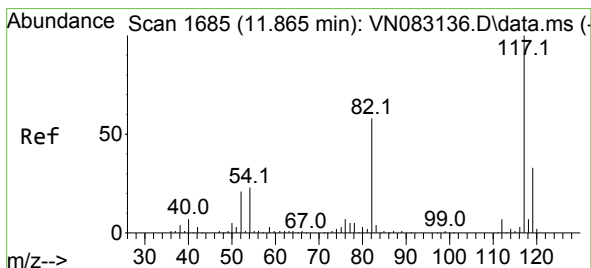
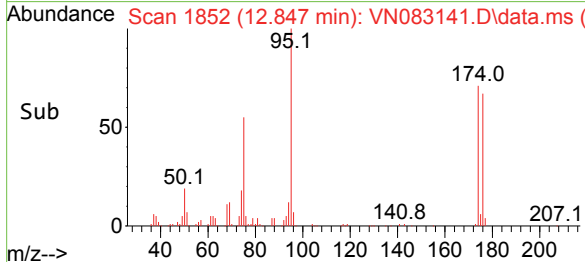
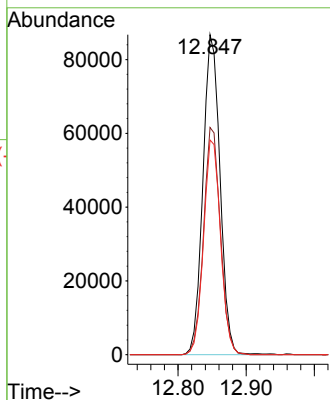
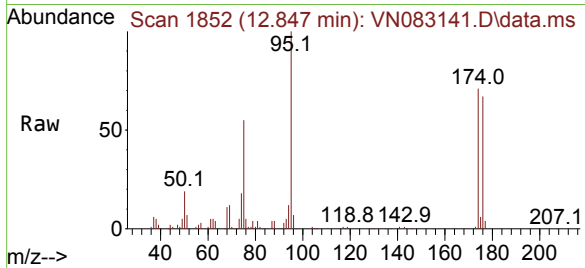




#62
4-Bromofluorobenzene
Concen: 58.795 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

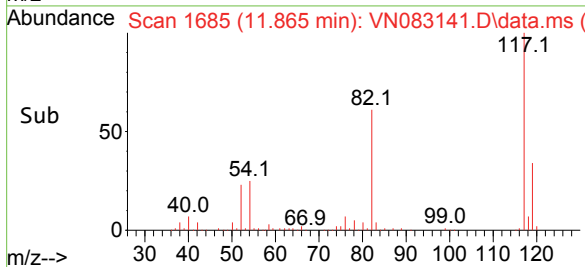
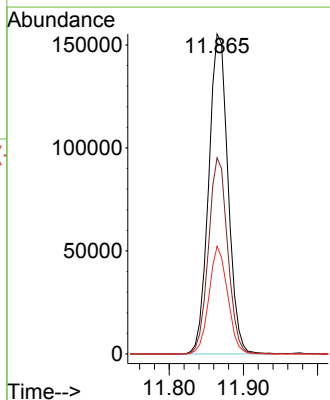
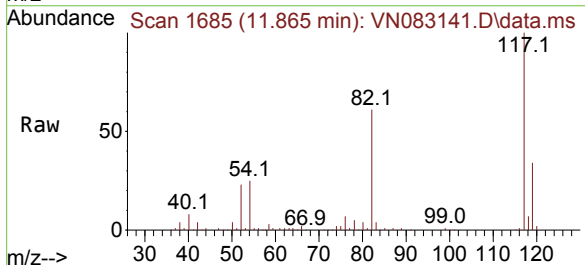
Instrument :
MSVOA_N
ClientSampleId :
IBLK

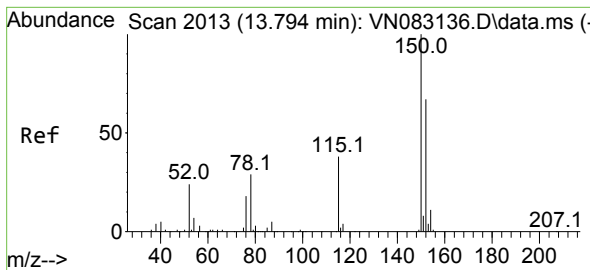
Tgt Ion: 95 Resp: 151561
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 66.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 117 Resp: 281399
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 33.6 25.6 38.4

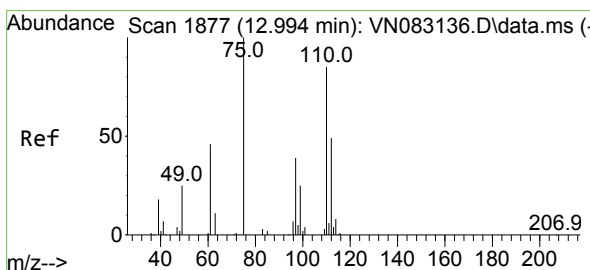
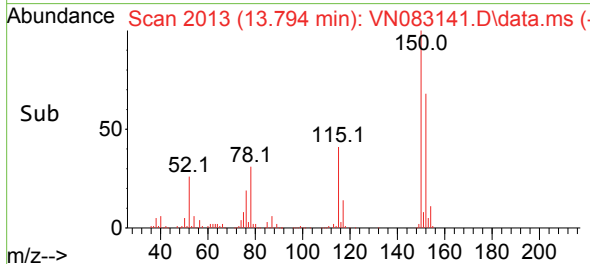
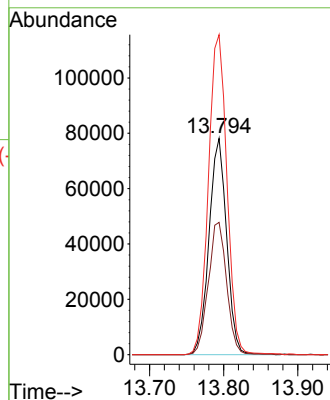
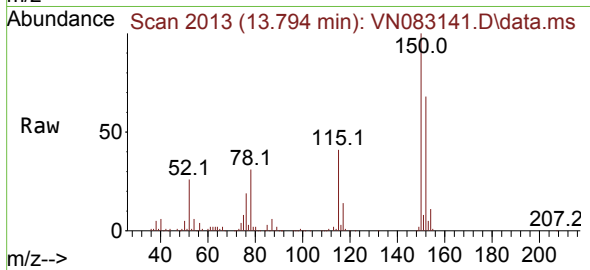




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

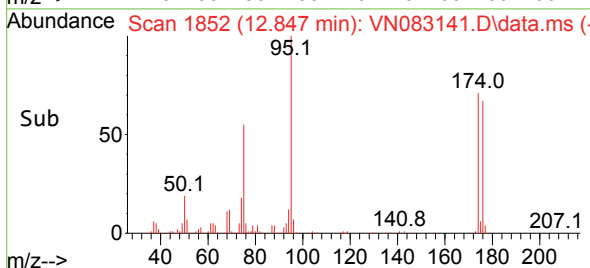
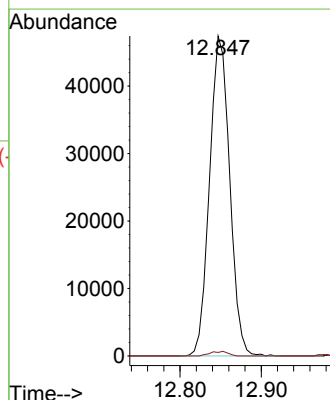
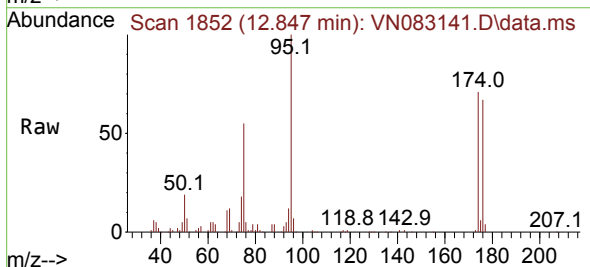
Instrument :
MSVOA_N
ClientSampleId :
IBLK

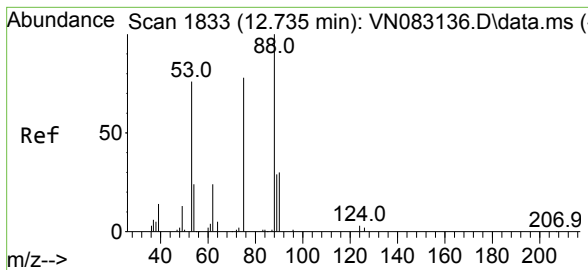
Tgt Ion:	152	Resp:	129369
Ion	Ratio	Lower	Upper
152	100		
115	63.6	30.6	91.6
150	155.0	0.0	348.6



#76
1,2,3-Trichloropropane
Concen: 28.773 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

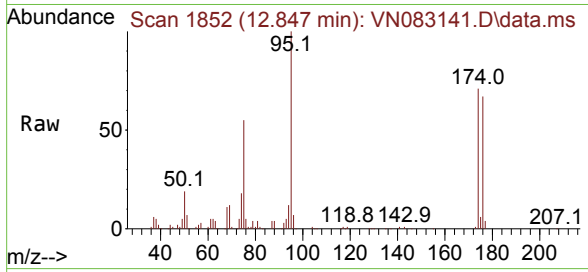
Tgt Ion:	75	Resp:	81695
Ion	Ratio	Lower	Upper
75	100		
77	1.3	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.587 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083141.D
 Acq: 07 Aug 2024 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

