

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081757.D
 Acq On : 16 Apr 2024 14:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 17 03:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

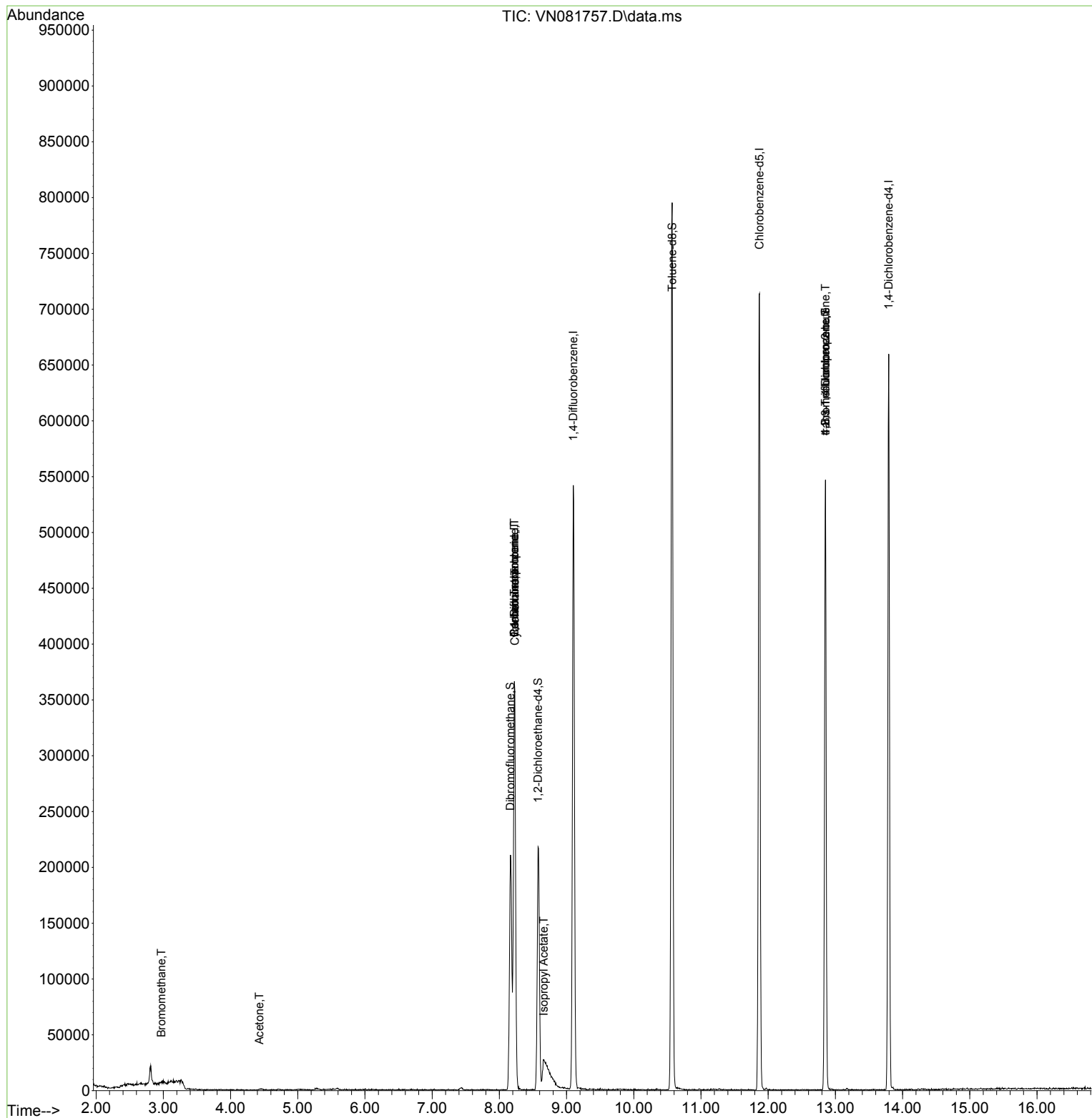
Internal Standards						
1) Pentafluorobenzene	8.224	168	250812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	468845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	415451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178461	50.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.140%	
35) Dibromofluoromethane	8.165	113	148875	48.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.180%	
50) Toluene-d8	10.571	98	560735	49.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.853	95	186549	47.863	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	583	Below Cal	#	51
5) Bromomethane	2.971	94	1028	0.438	ug/l	95
6) Chloroethane	3.118	64	136	Below Cal	#	44
16) Acetone	4.430	43	839	0.854	ug/l	93
20) Methylene Chloride	5.265	84	588	Below Cal	#	39
31) Cyclohexane	8.230	56	6202	1.281	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	22437	5.202	ug/l	# 49
38) Carbon Tetrachloride	8.224	117	28014	5.582	ug/l	# 22
43) Isopropyl Acetate	8.659	43	16909	2.557	ug/l	# 54
76) 1,2,3-Trichloropropane	12.853	75	100962	31.406	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	100962	73.040	ug/l	# 13

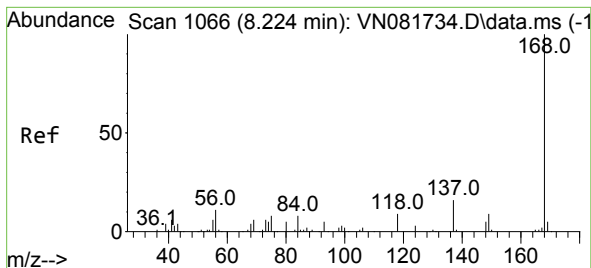
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
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Quant Time: Apr 17 03:25:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

Instrument :

MSVOA_N

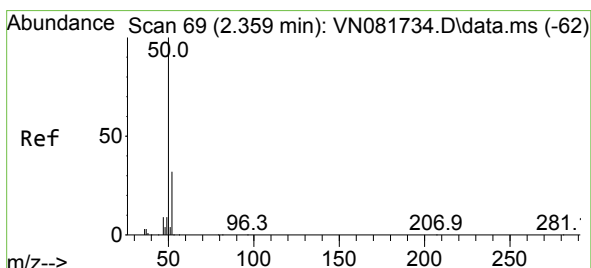
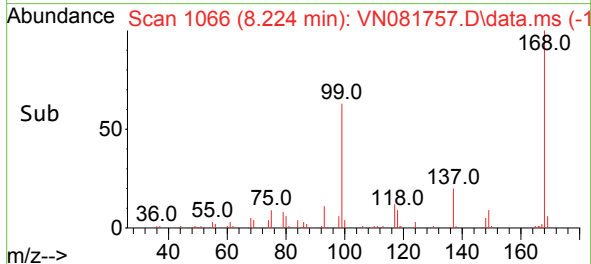
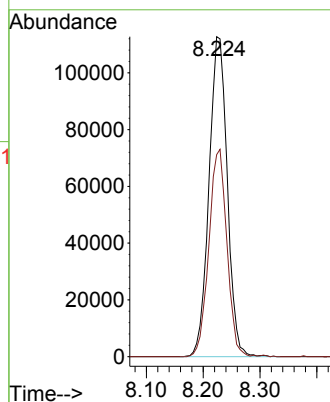
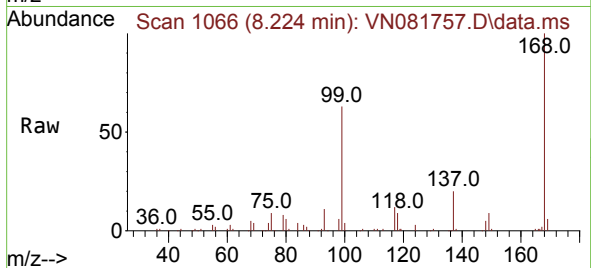
ClientSampleId :

Tgt Ion:168 Resp: 250812

Ion Ratio Lower Upper

168 100

99 63.1 48.2 72.4



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081757.D

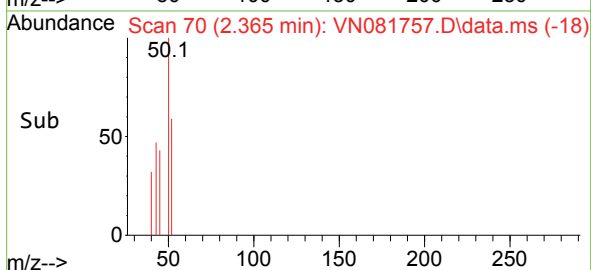
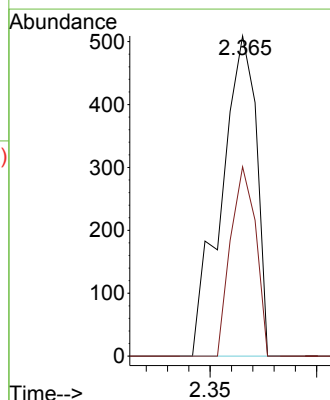
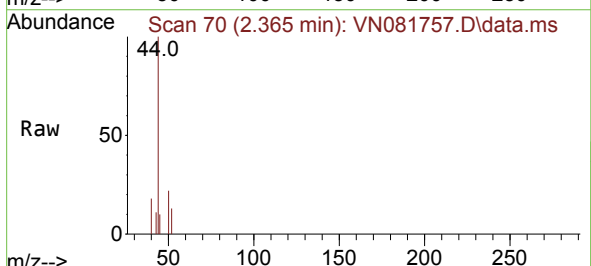
Acq: 16 Apr 2024 14:27

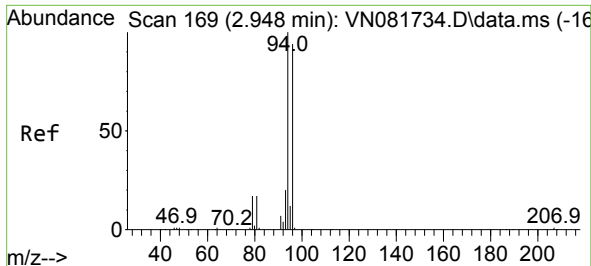
Tgt Ion: 50 Resp: 583

Ion Ratio Lower Upper

50 100

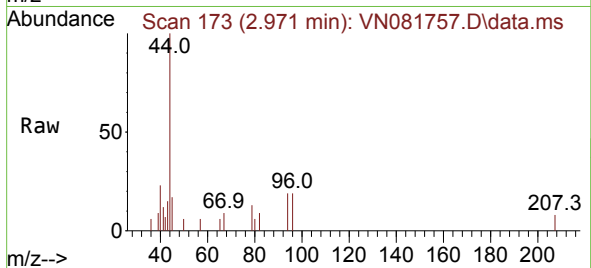
52 59.1 25.5 38.3#



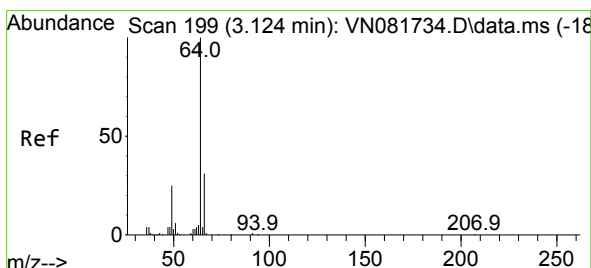
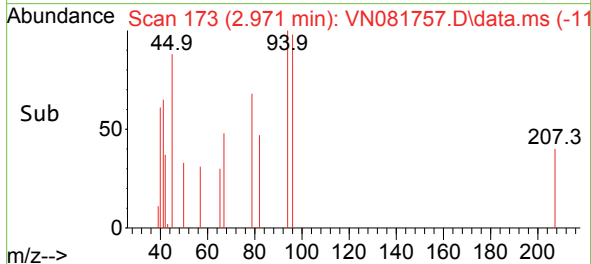
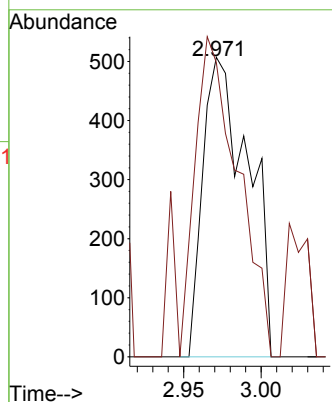


#5
Bromomethane
Concen: 0.438 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Instrument :
MSVOA_N
ClientSampleId :

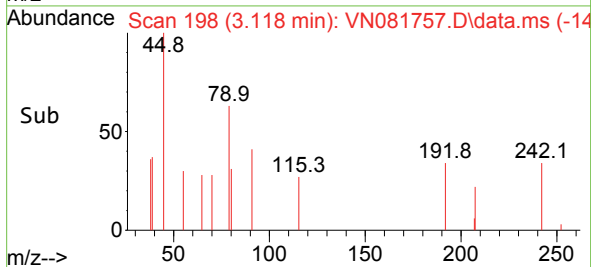
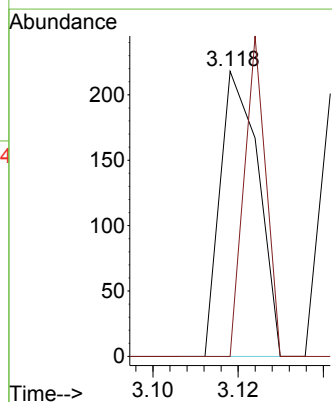
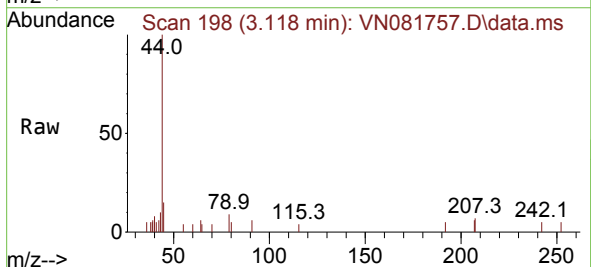


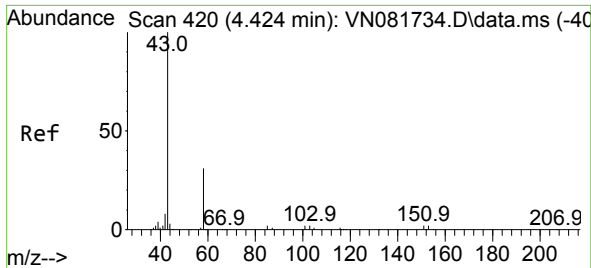
Tgt Ion: 94 Resp: 1028
Ion Ratio Lower Upper
94 100
96 98.2 74.8 112.2



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

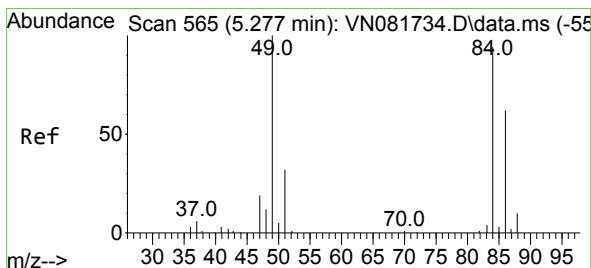
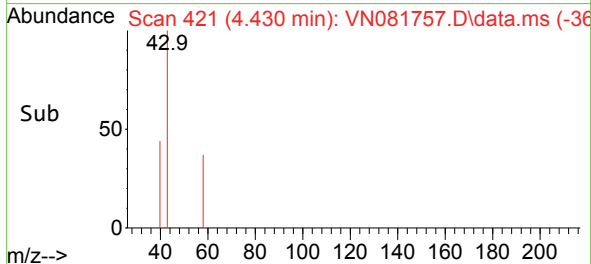
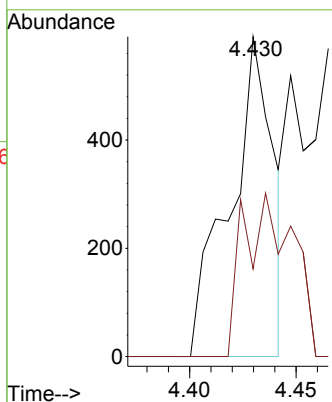
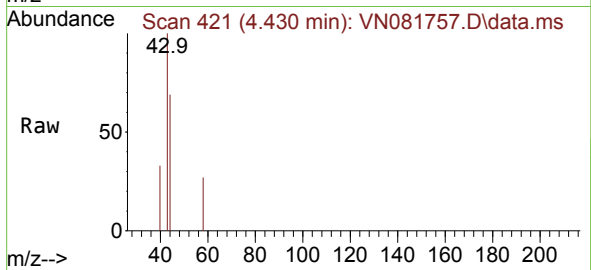




#16
Acetone
Concen: 0.854 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

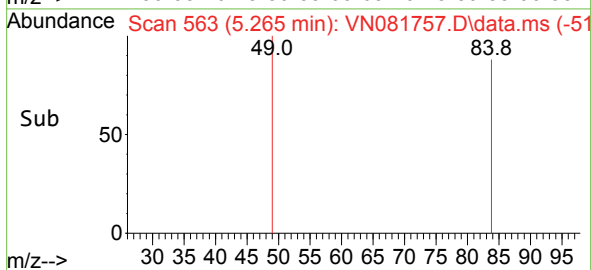
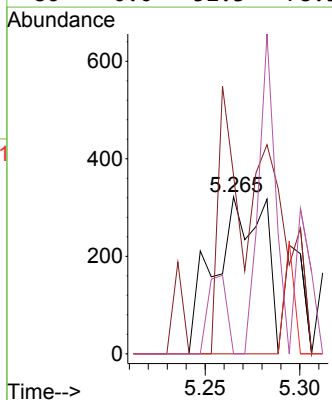
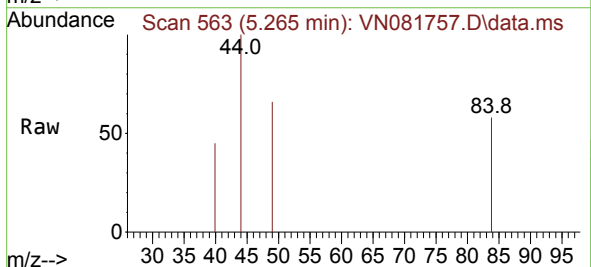
Instrument :
MSVOA_N
ClientSampleId :

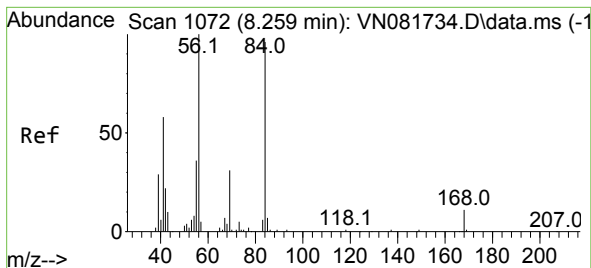
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 27.4 25.2 37.8



#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

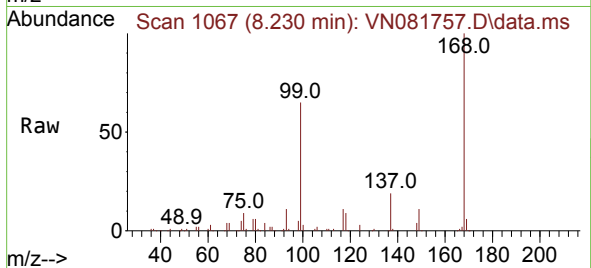
Tgt Ion: 84 Resp: 588
Ion Ratio Lower Upper
84 100
49 55.3 84.9 127.3#
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#



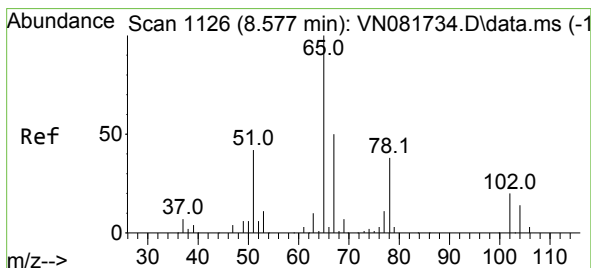
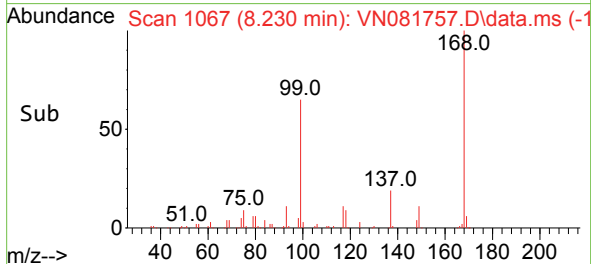
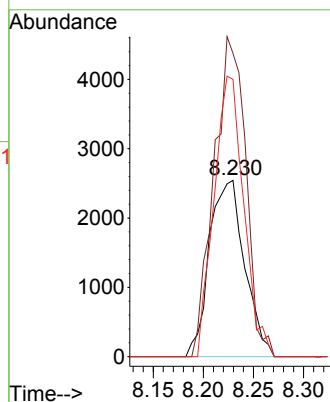


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Instrument :
MSVOA_N
ClientSampleId :

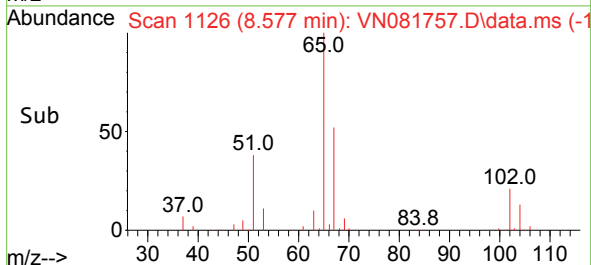
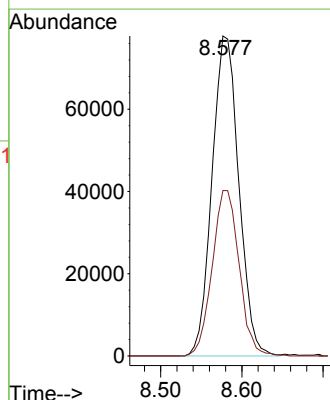
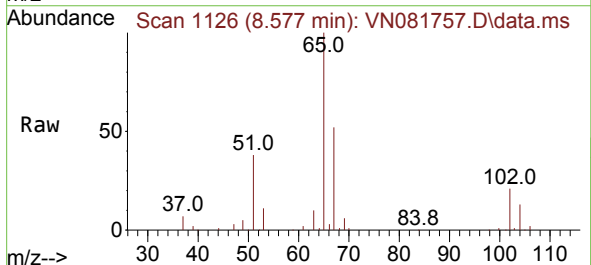


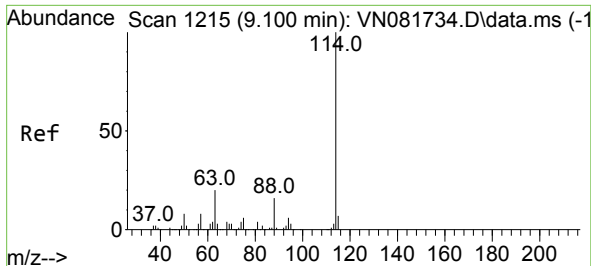
Tgt Ion: 56 Resp: 6202
Ion Ratio Lower Upper
56 100
69 172.1 24.4 36.6#
84 157.3 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 50.565 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

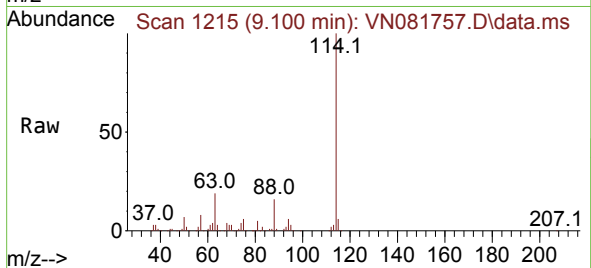
Tgt Ion: 65 Resp: 178461
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



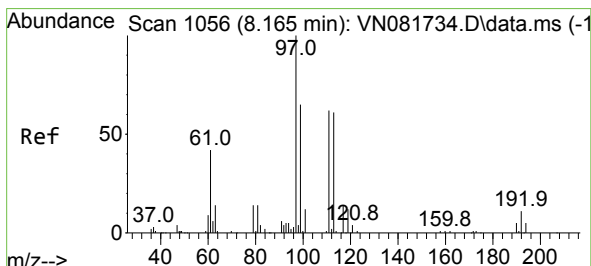
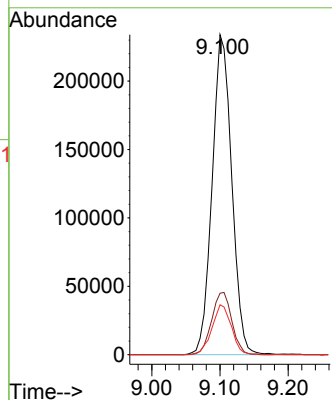
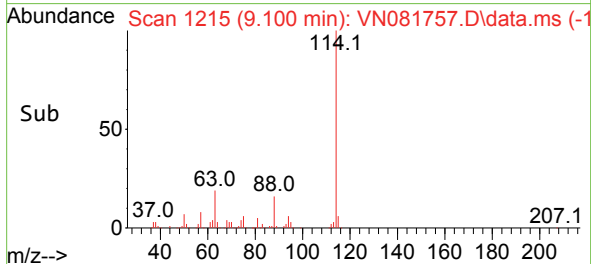


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Instrument :
MSVOA_N
ClientSampleId :

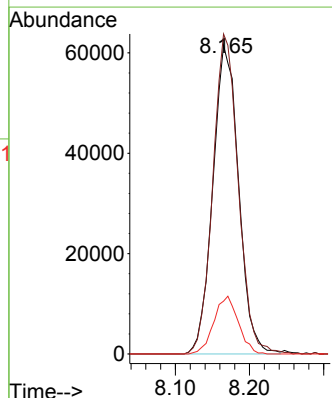
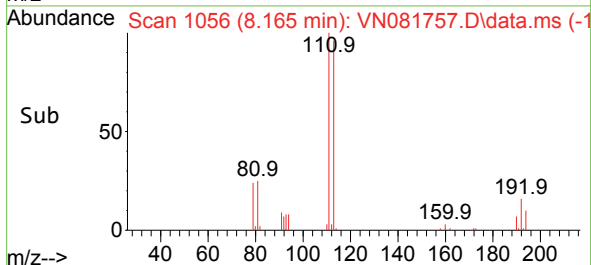
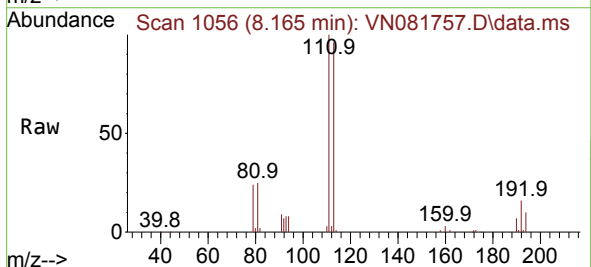


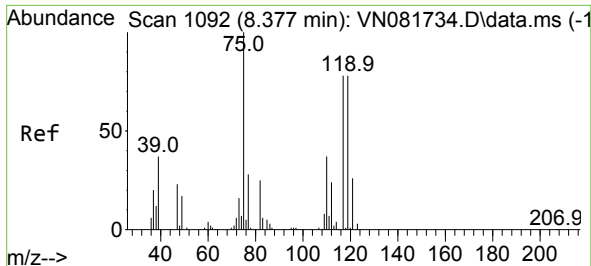
Tgt Ion:114 Resp: 468845
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.0
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Tgt Ion:113 Resp: 148875
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 17.8 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.202 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

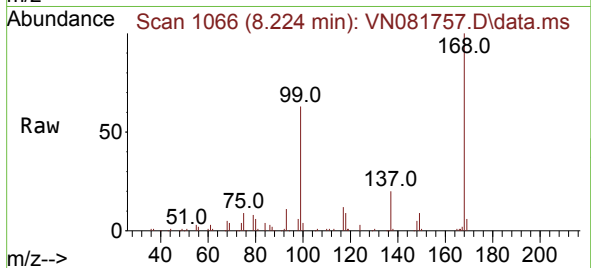
Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

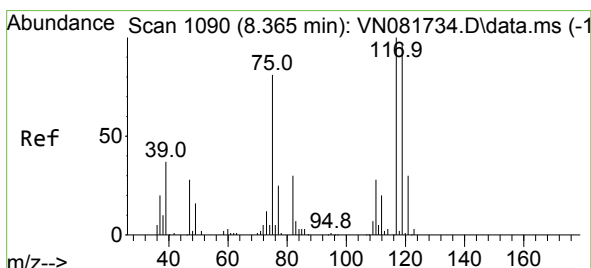
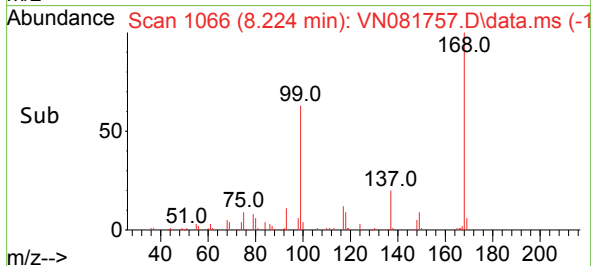
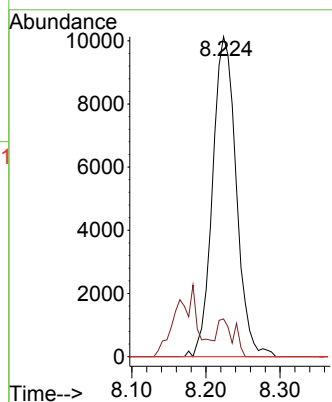
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	22437
Ion Ratio	Lower	Upper	
75	100		
110	8.8	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

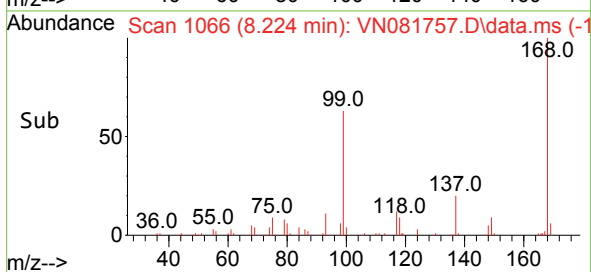
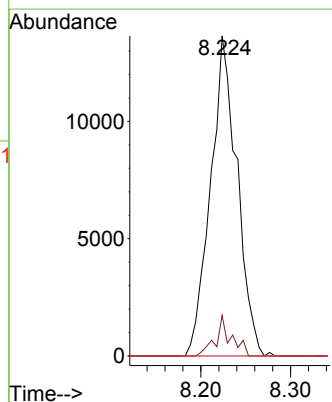
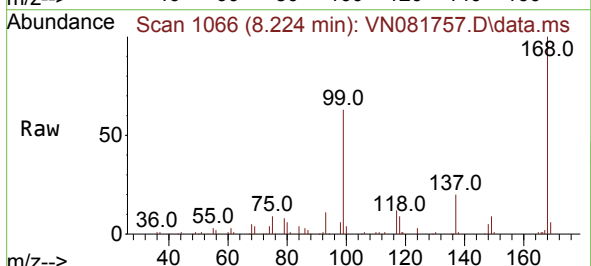
RT: 8.224 min Scan# 1066

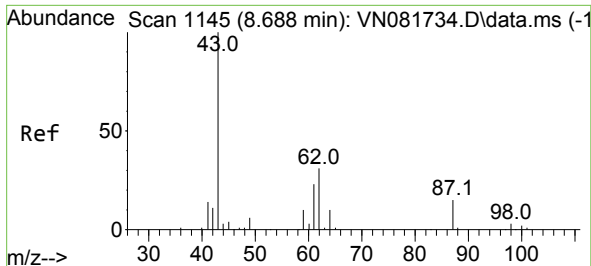
Delta R.T. -0.141 min

Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

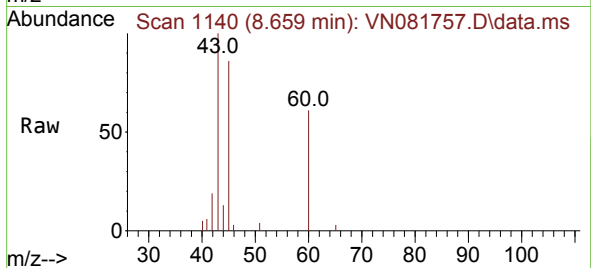
Tgt Ion:	117	Resp:	28014
Ion Ratio	Lower	Upper	
117	100		
119	12.6	76.5	114.7#
121	0.0	23.9	35.9#



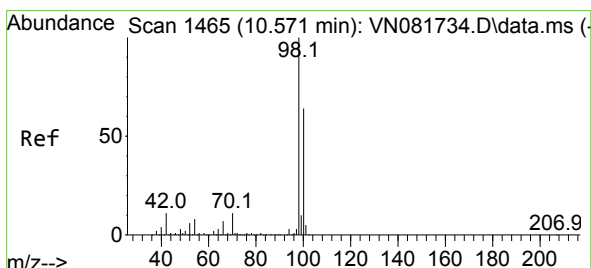
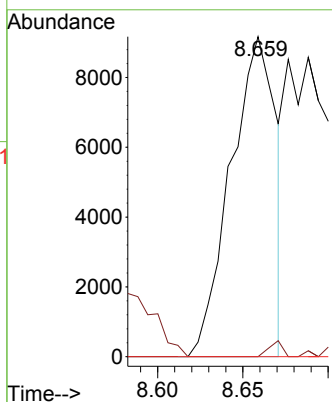
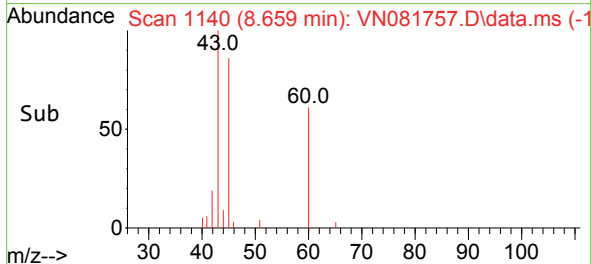


#43
Isopropyl Acetate
Concen: 2.557 ug/l
RT: 8.659 min Scan# 1145
Delta R.T. -0.029 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Instrument :
MSVOA_N
ClientSampleId :

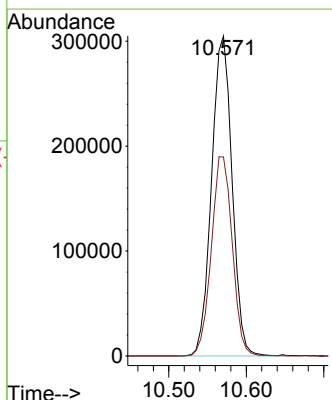
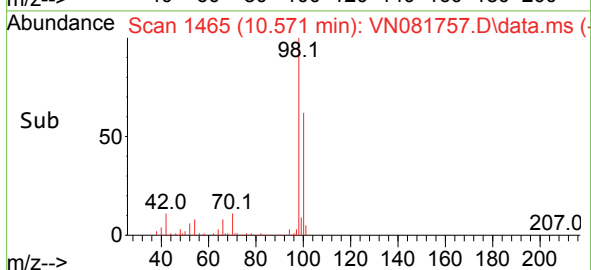
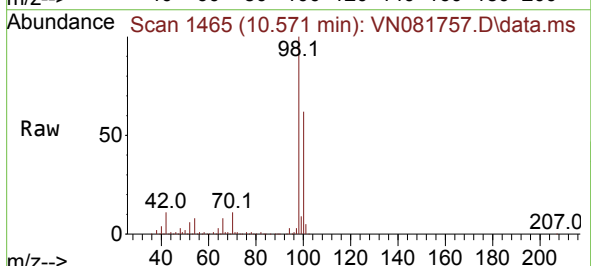


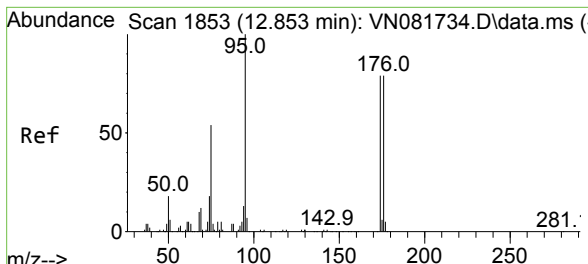
Tgt Ion: 43 Resp: 16909
Ion Ratio Lower Upper
43 100
61 1.4 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 49.163 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Tgt Ion: 98 Resp: 560735
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

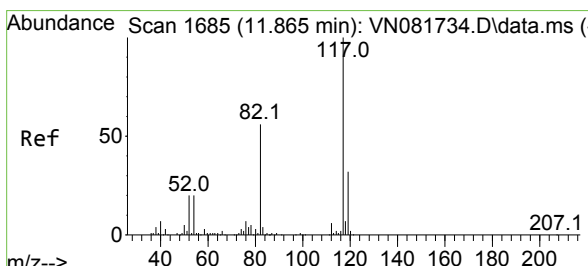
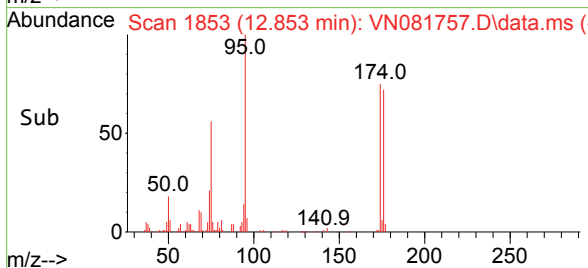
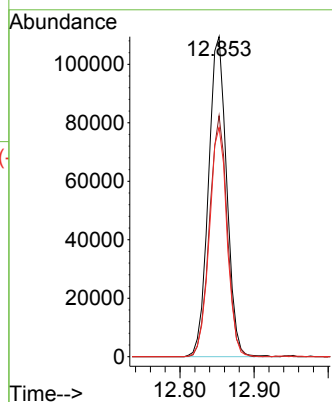
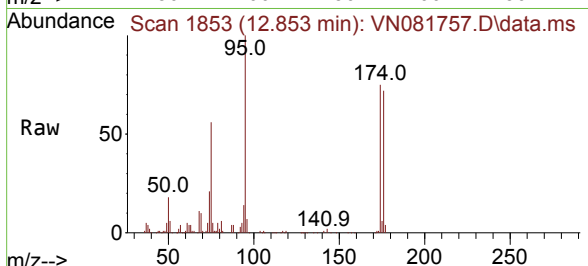




#62
 4-Bromofluorobenzene
 Concen: 47.863 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN081757.D
 Acq: 16 Apr 2024 14:27

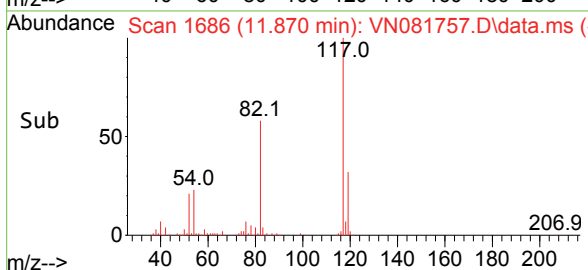
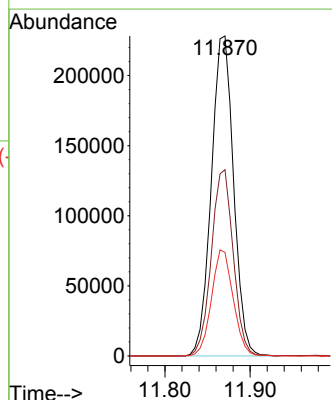
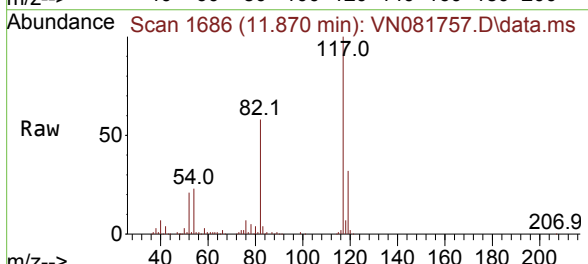
Instrument :
 MSVOA_N
 ClientSampleId :

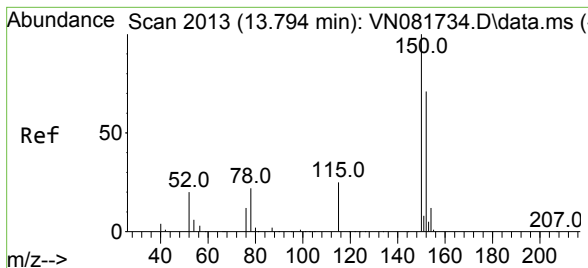
Tgt Ion:	95	Resp:	186549
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	160.6
176	69.8	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.005 min
 Lab File: VN081757.D
 Acq: 16 Apr 2024 14:27

Tgt Ion:	117	Resp:	415451
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	66.8
119	32.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

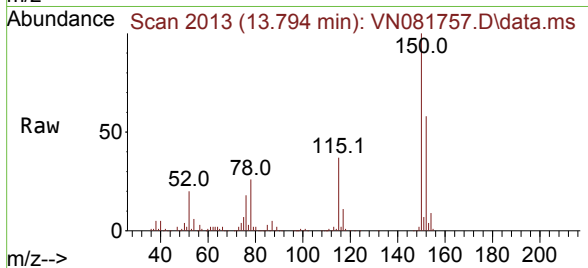
Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

Instrument :

MSVOA_N

ClientSampleId :



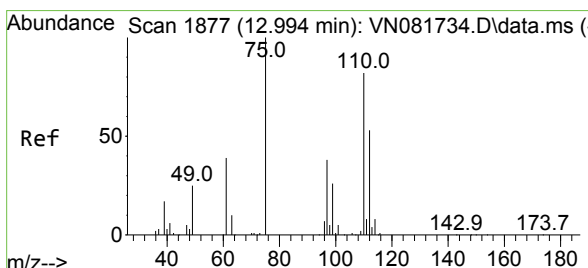
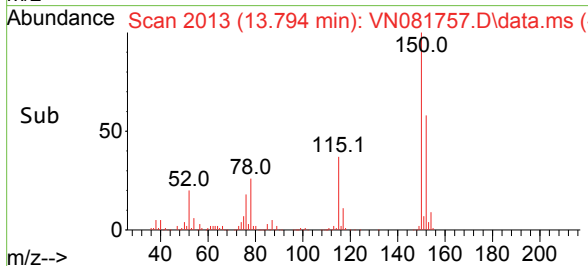
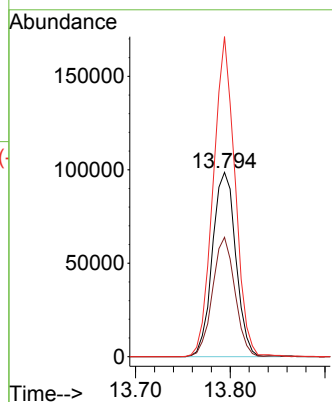
Tgt Ion:152 Resp: 169135

Ion Ratio Lower Upper

152 100

115 62.1 30.4 91.3

150 162.1 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 31.406 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081757.D

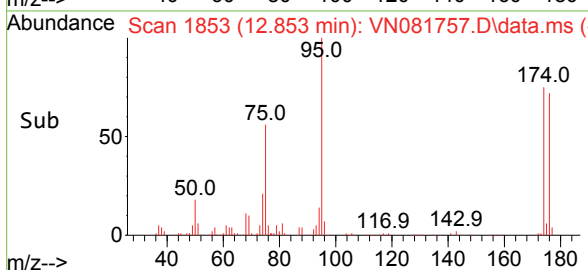
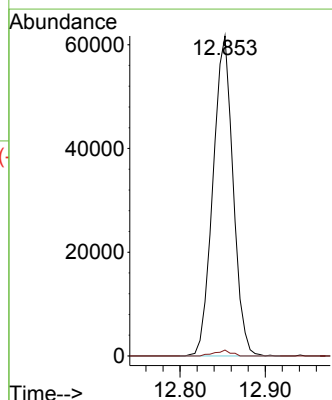
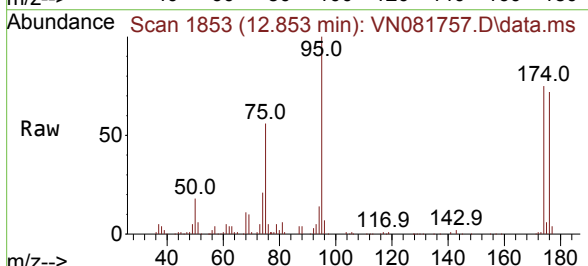
Acq: 16 Apr 2024 14:27

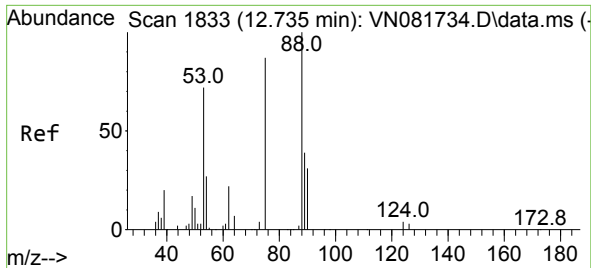
Tgt Ion: 75 Resp: 100962

Ion Ratio Lower Upper

75 100

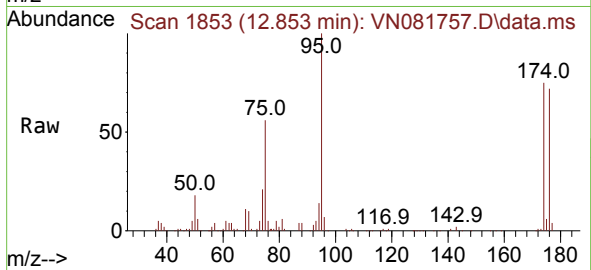
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.040 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN081757.D
 Acq: 16 Apr 2024 14:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 100962
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.9 109.3#
 89 0.1 39.1 58.7#

