

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082581.D
 Acq On : 14 Jun 2024 14:25
 Operator : JC\MD
 Sample : P2890-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 23:46:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

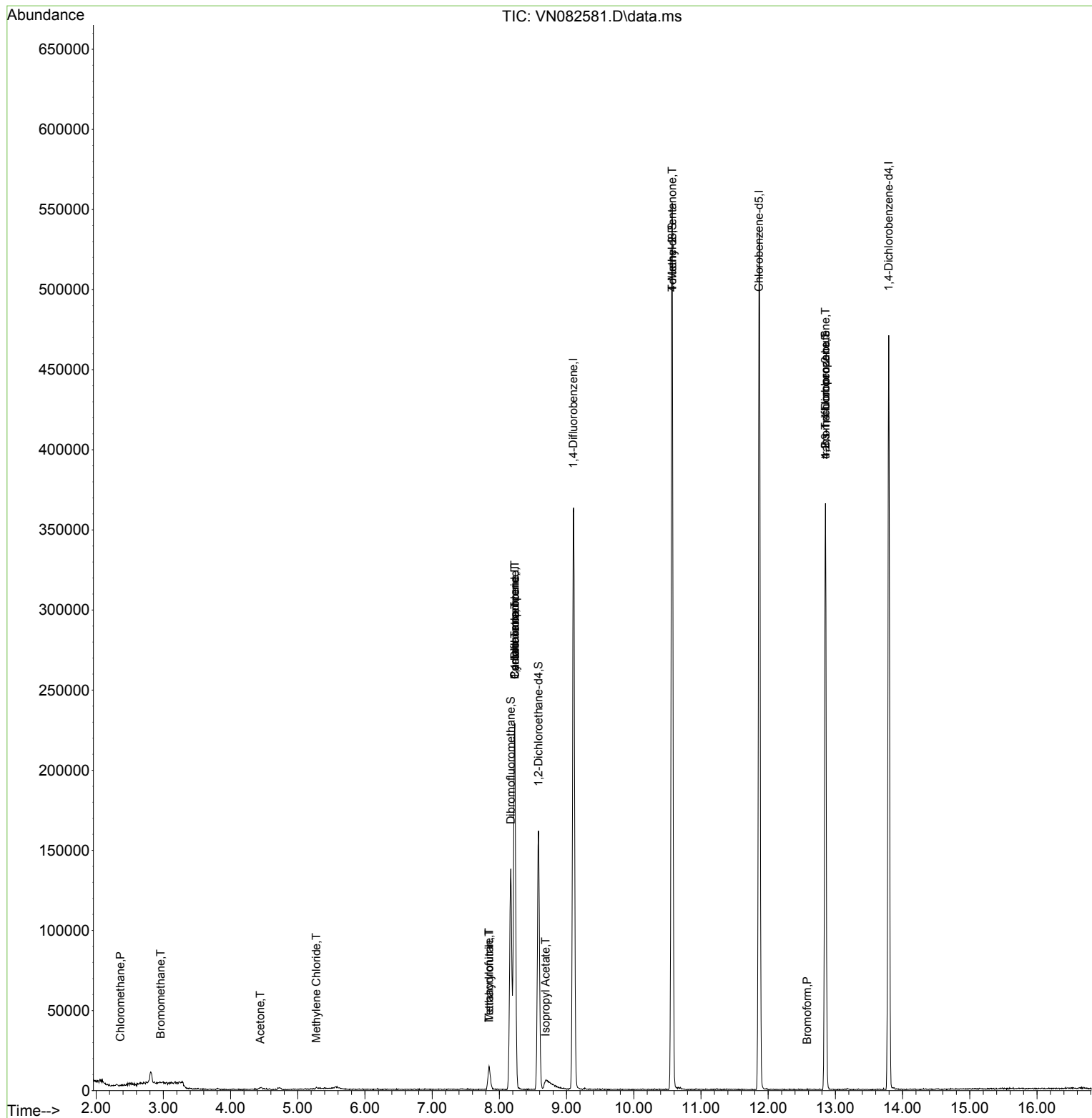
Internal Standards						
1) Pentafluorobenzene	8.230	168	158662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130404	52.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.100%	
35) Dibromofluoromethane	8.171	113	95800	53.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.620%	
50) Toluene-d8	10.571	98	353655	51.332	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.853	95	113758	46.261	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	767	0.296	ug/l #	43
5) Bromomethane	2.959	94	295	0.211	ug/l	83
16) Acetone	4.442	43	2425	2.360	ug/l #	43
20) Methylene Chloride	5.277	84	523	0.252	ug/l #	49
29) Tetrahydrofuran	7.847	42	10837	10.832	ug/l #	82
31) Cyclohexane	8.230	56	4892	1.223	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	14942	4.958	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16850	5.515	ug/l #	18
41) Methacrylonitrile	7.847	41	7185	3.622	ug/l #	43
43) Isopropyl Acetate	8.688	43	5383	0.901	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2317	0.682	ug/l #	1
71) Bromoform	12.582	173	57	0.735	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	67080	26.880	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67080	62.871	ug/l #	12

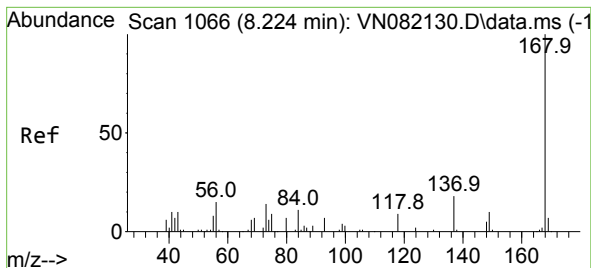
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

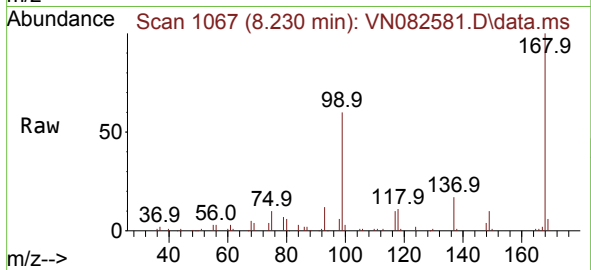
Lab File: VN082581.D

Acq: 14 Jun 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

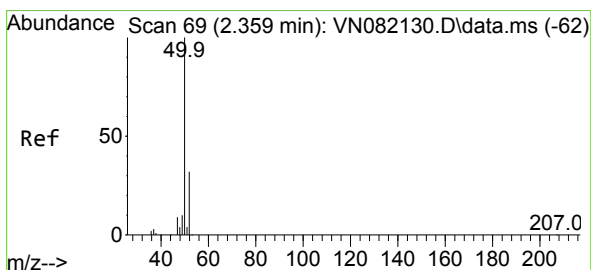
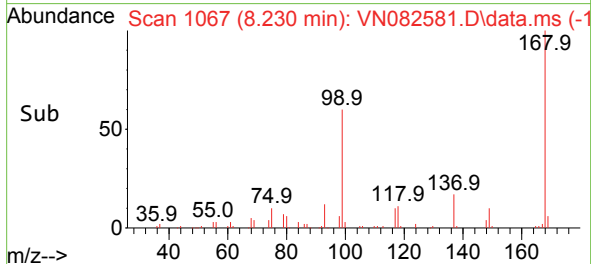
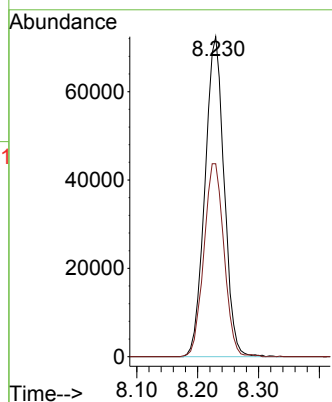


Tgt Ion:168 Resp: 158662

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



#3

Chloromethane

Concen: 0.296 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082581.D

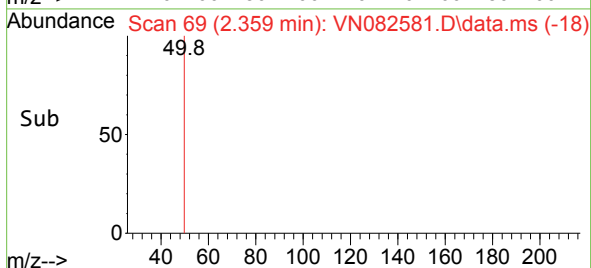
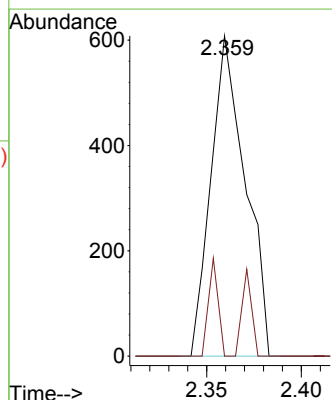
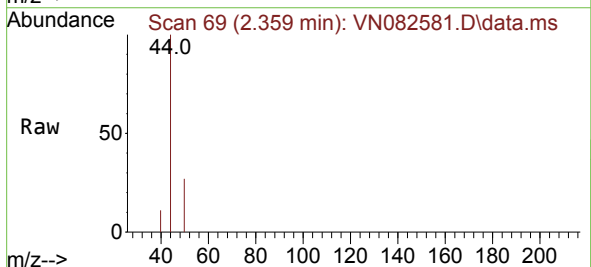
Acq: 14 Jun 2024 14:25

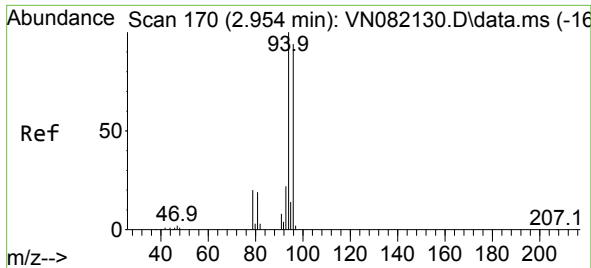
Tgt Ion: 50 Resp: 767

Ion Ratio Lower Upper

50 100

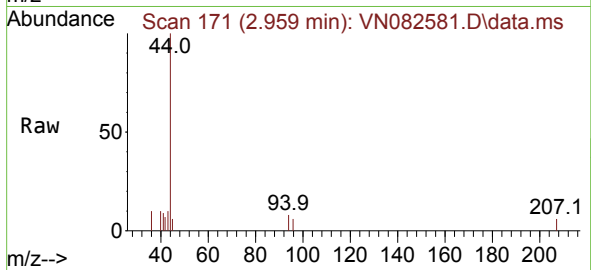
52 0.0 25.5 38.3#



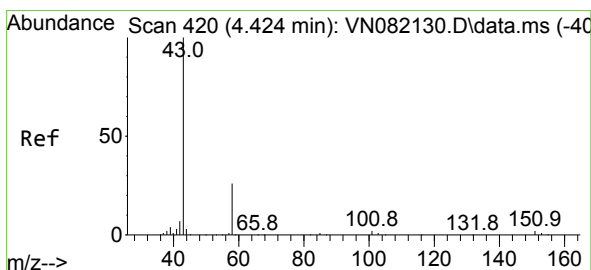
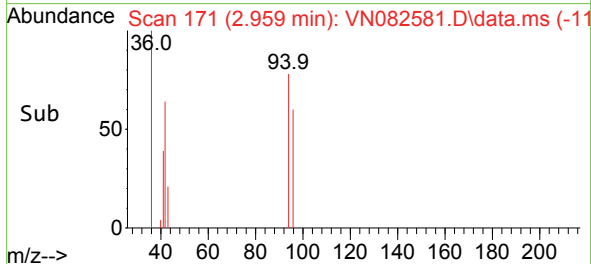
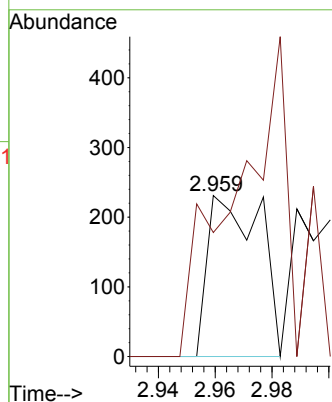


#5
Bromomethane
Concen: 0.211 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :

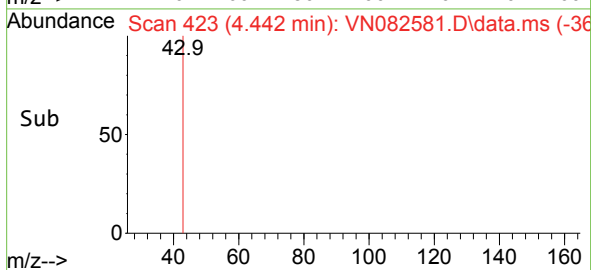
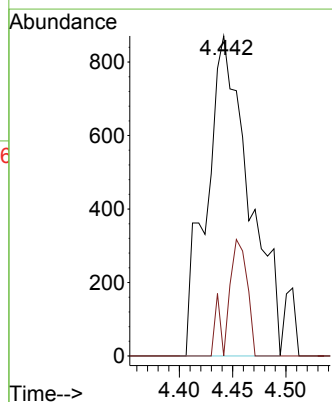
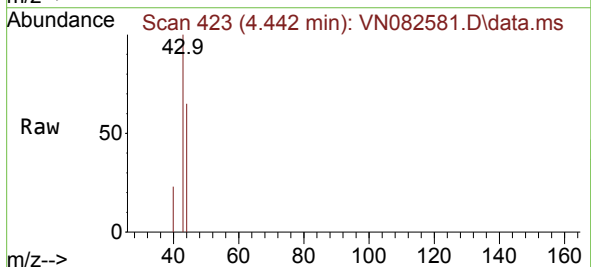


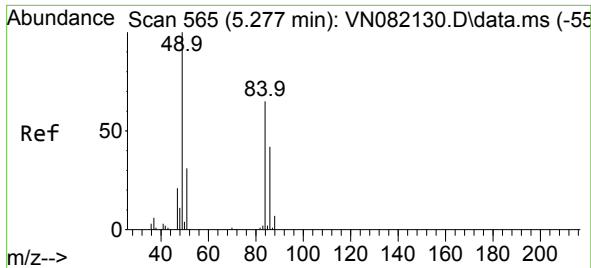
Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 77.1 74.8 112.2



#16
Acetone
Concen: 2.360 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

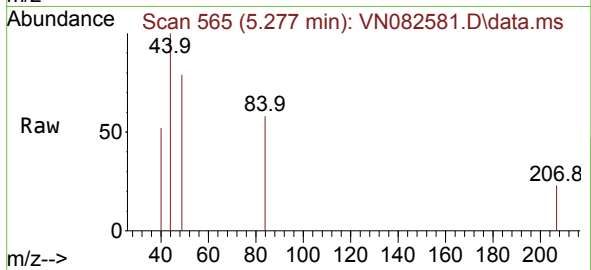
Tgt Ion: 43 Resp: 2425
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



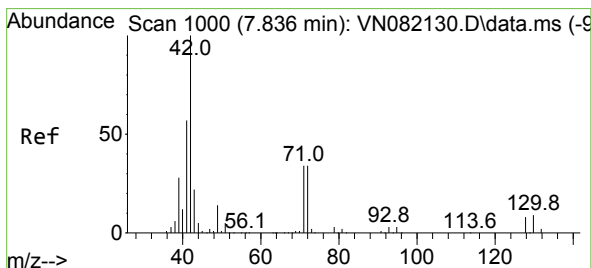
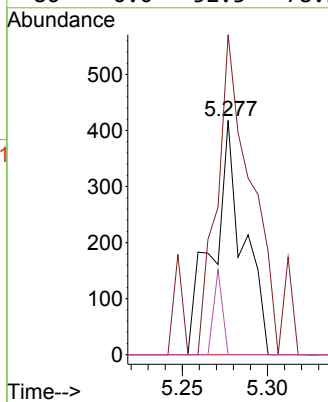
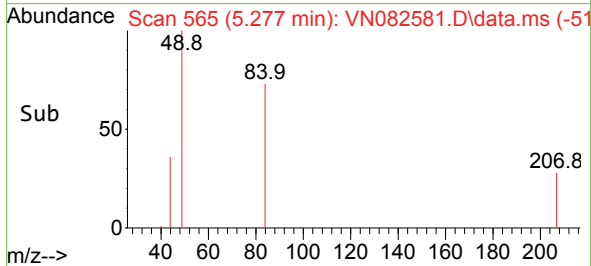


#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

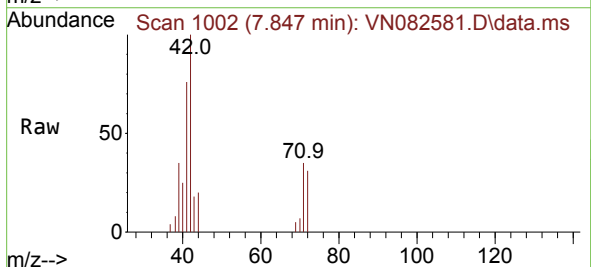
Instrument :
MSVOA_N
ClientSampleId :



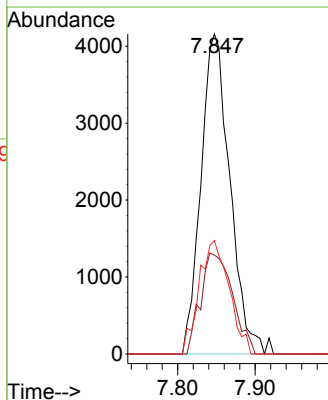
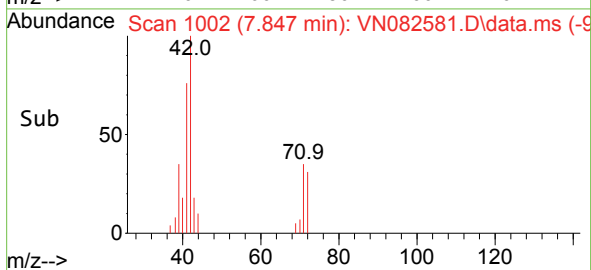
Tgt Ion:	84	Resp:	523
Ion	Ratio	Lower	Upper
84	100		
49	136.6	84.9	127.3#
51	0.0	27.0	40.6#
86	0.0	52.3	78.5#

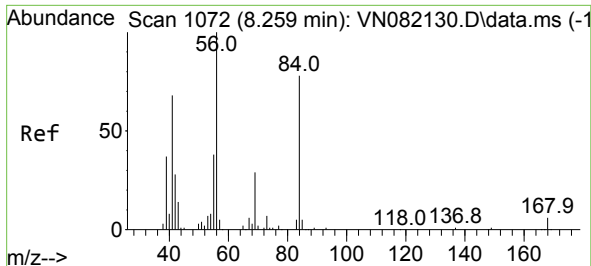


#29
Tetrahydrofuran
Concen: 10.832 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25



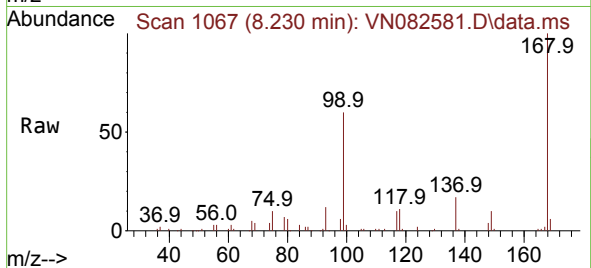
Tgt Ion:	42	Resp:	10837
Ion	Ratio	Lower	Upper
42	100		
72	34.7	39.3	58.9#
71	36.5	37.4	56.0#



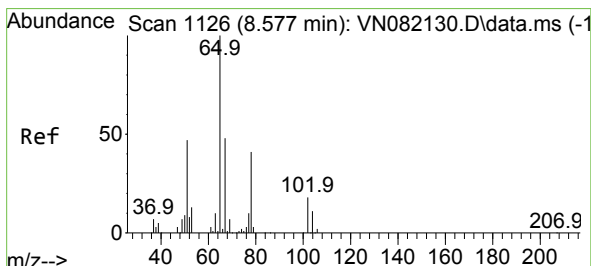
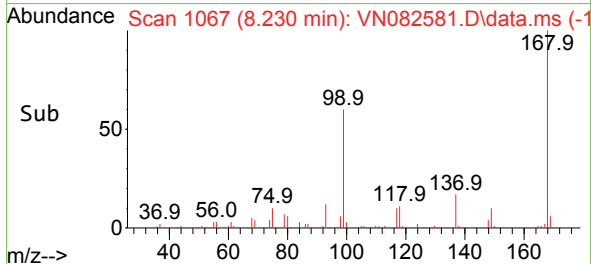
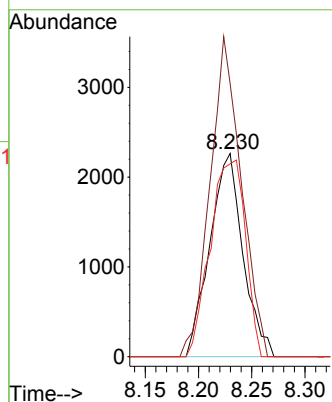


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :

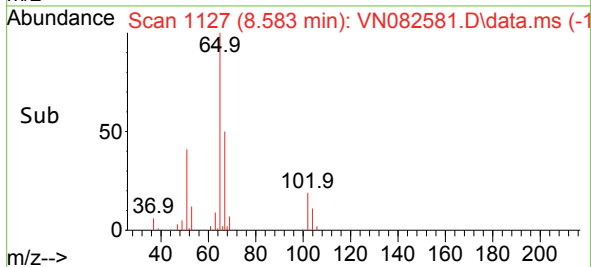
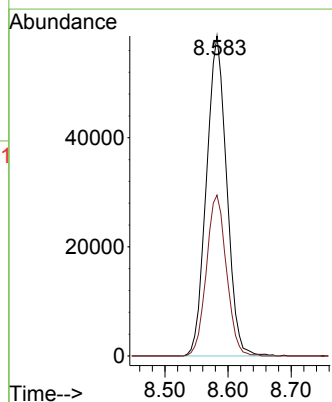
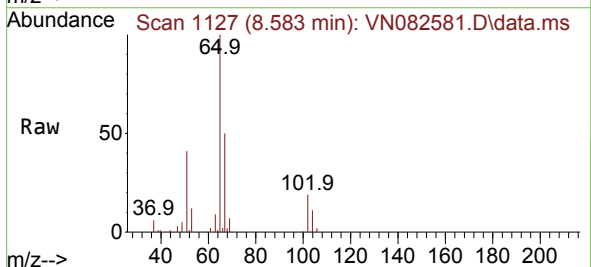


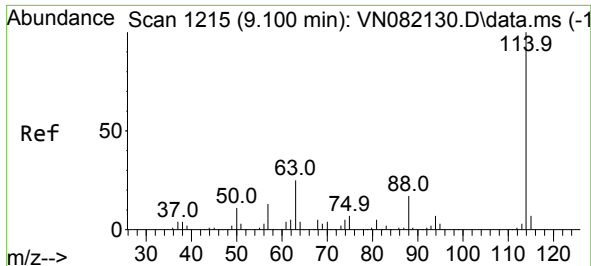
Tgt Ion: 56 Resp: 4892
Ion Ratio Lower Upper
56 100
69 134.4 24.4 36.6#
84 94.9 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.051 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Tgt Ion: 65 Resp: 130404
Ion Ratio Lower Upper
65 100
67 49.8 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: VN082581.D

Acq: 14 Jun 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

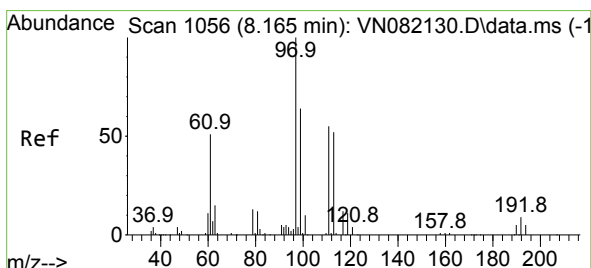
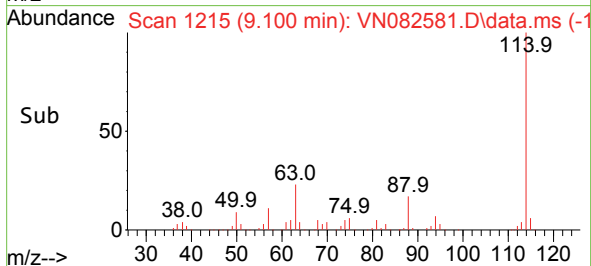
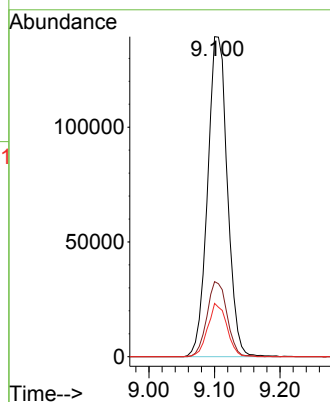
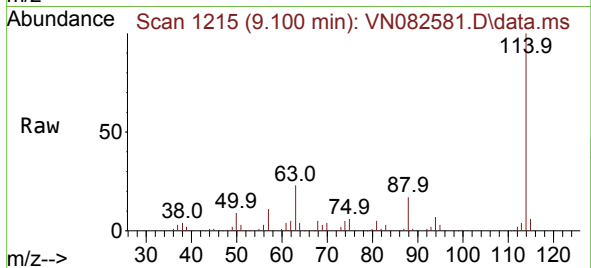
Tgt Ion:114 Resp: 292123

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.311 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082581.D

Acq: 14 Jun 2024 14:25

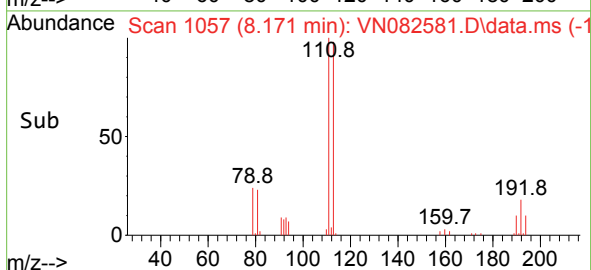
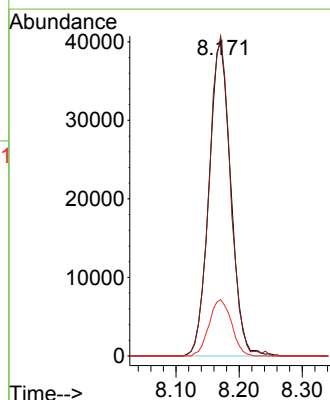
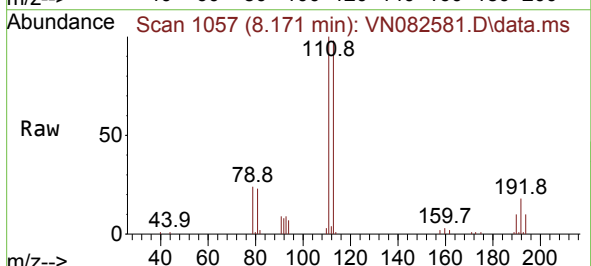
Tgt Ion:113 Resp: 95800

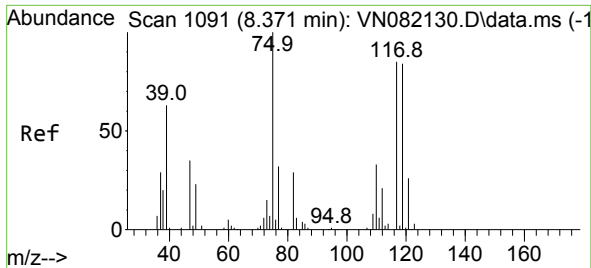
Ion Ratio Lower Upper

113 100

111 100.2 83.4 125.2

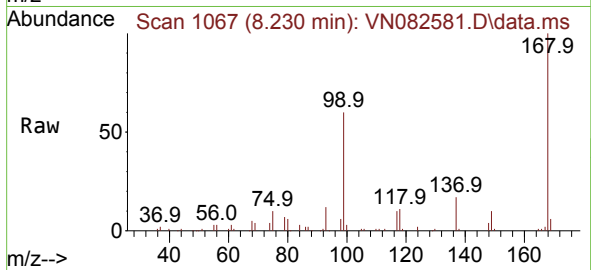
192 18.5 14.0 21.0



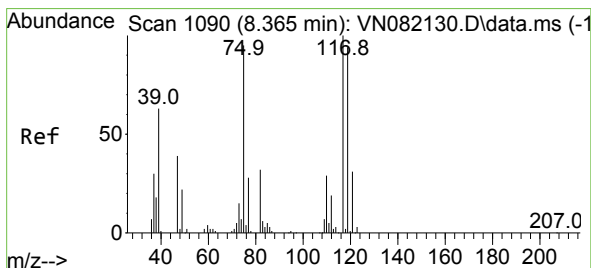
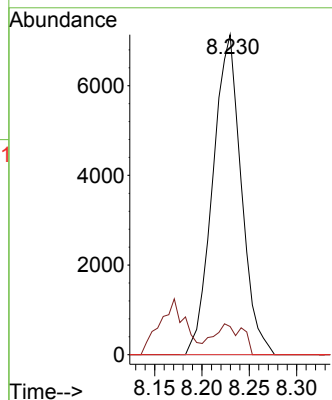
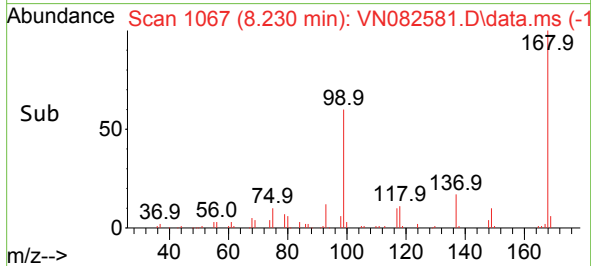


#36
 1,1-Dichloropropene
 Concen: 4.958 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN082581.D
 Acq: 14 Jun 2024 14:25

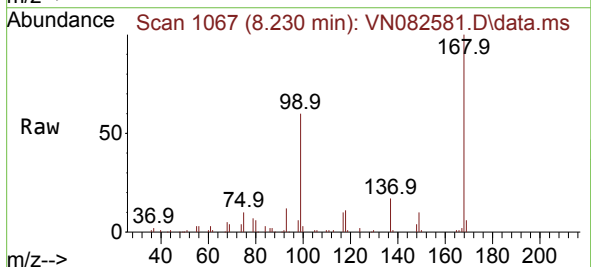
Instrument :
 MSVOA_N
 ClientSampleId :



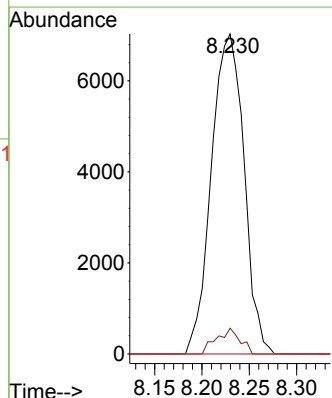
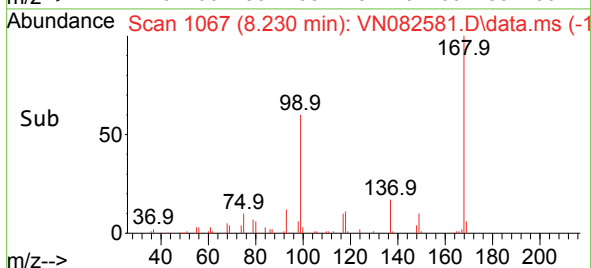
Tgt Ion: 75 Resp: 14942
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.8 53.5#
 77 0.0 25.0 37.4#

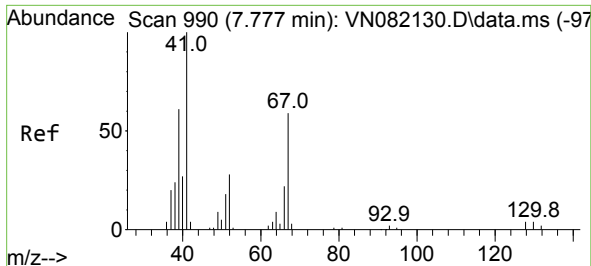


#38
 Carbon Tetrachloride
 Concen: 5.515 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.135 min
 Lab File: VN082581.D
 Acq: 14 Jun 2024 14:25



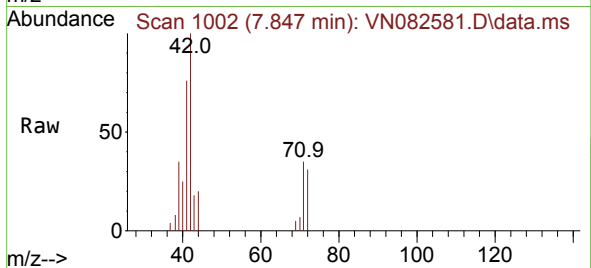
Tgt Ion: 117 Resp: 16850
 Ion Ratio Lower Upper
 117 100
 119 8.1 76.5 114.7#
 121 0.0 23.9 35.9#



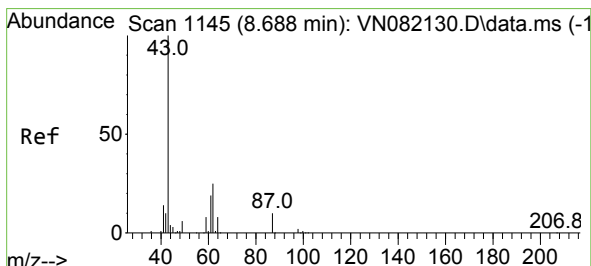
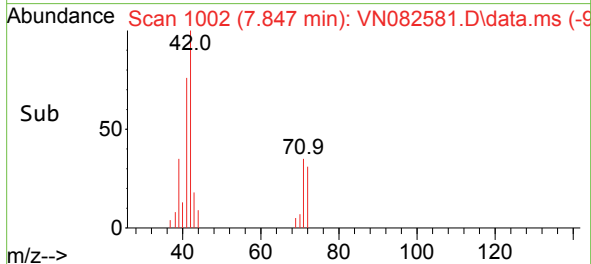
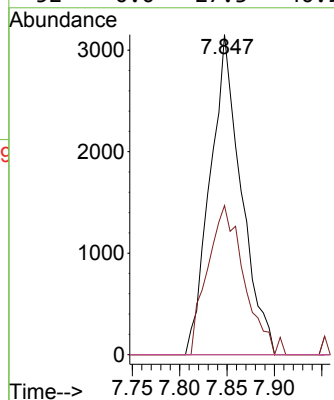


#41
Methacrylonitrile
Concen: 3.622 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.071 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :

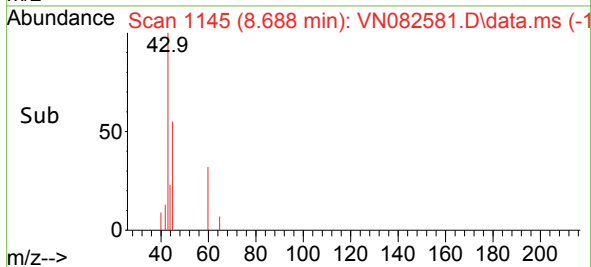
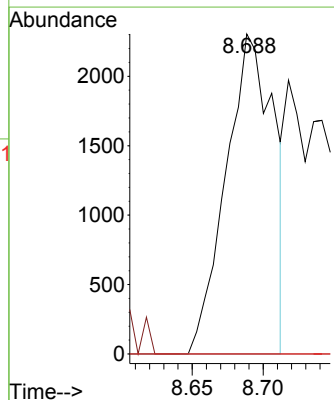
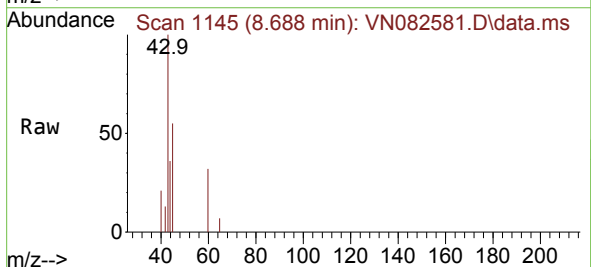


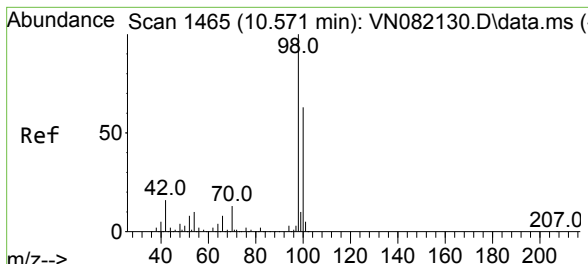
Tgt Ion: 41	Resp: 7185
Ion Ratio	Lower Upper
41 100	
39 55.2	46.6 69.8
67 0.0	67.3 100.9#
52 0.0	27.3 40.9#



#43
Isopropyl Acetate
Concen: 0.901 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Tgt Ion: 43	Resp: 5383
Ion Ratio	Lower Upper
43 100	
61 0.0	22.8 34.2#
87 0.0	12.0 18.0#

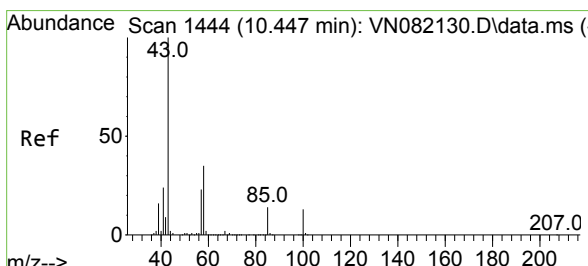
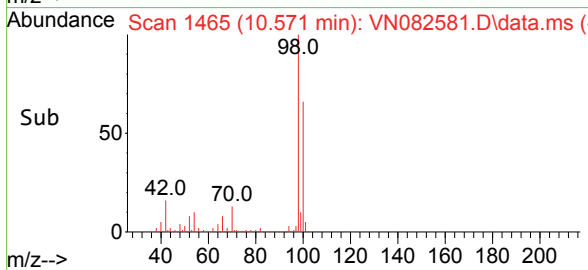
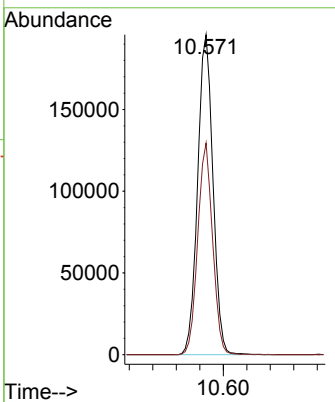
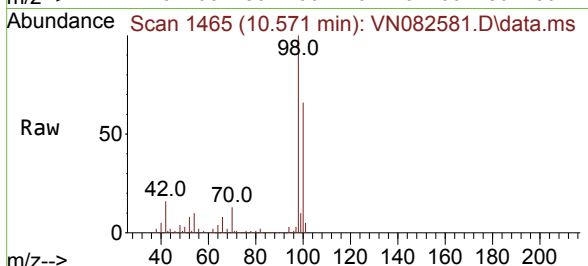




#50
Toluene-d8
Concen: 51.332 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

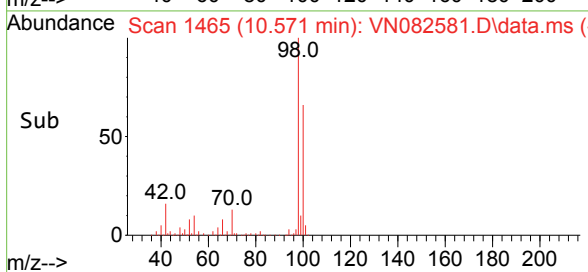
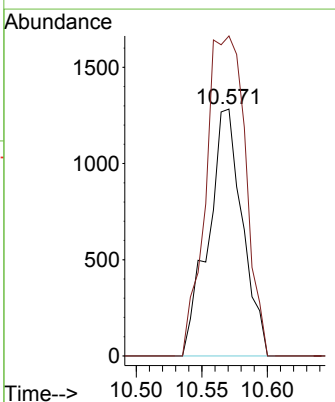
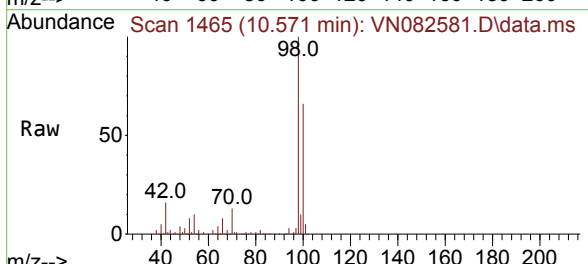
Instrument :
MSVOA_N
ClientSampleId :

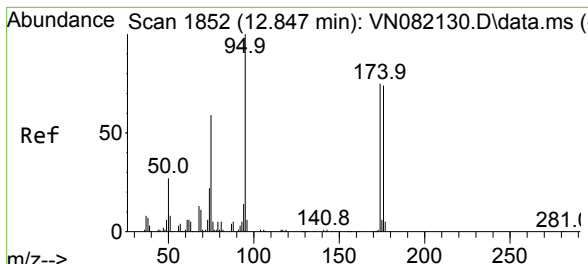
Tgt Ion: 98 Resp: 353655
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
58 151.5 33.2 49.8#

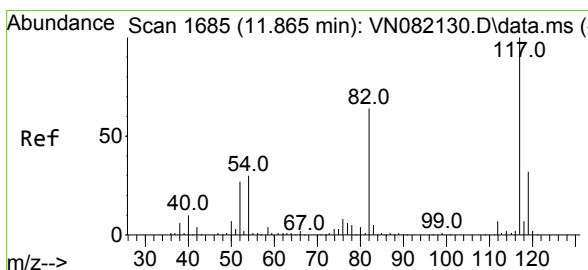
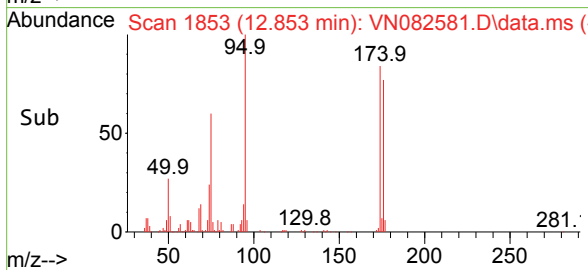
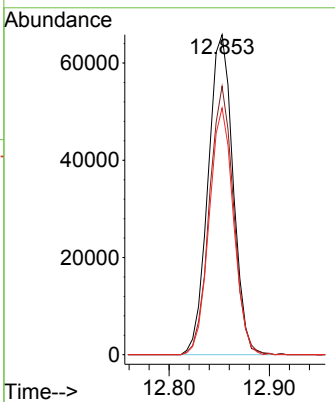
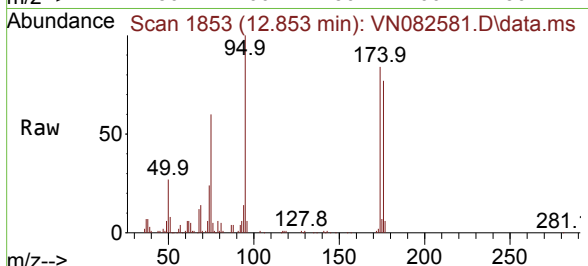




#62
4-Bromofluorobenzene
Concen: 46.261 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

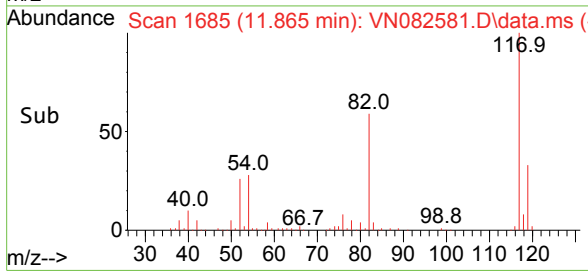
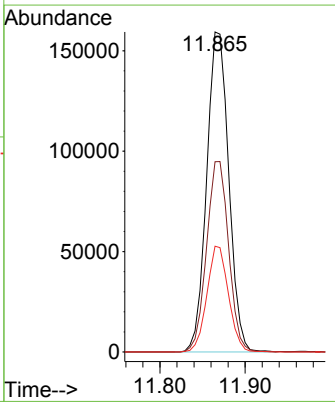
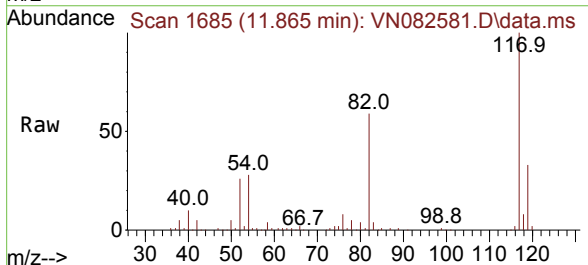
Instrument :
MSVOA_N
ClientSampleId :

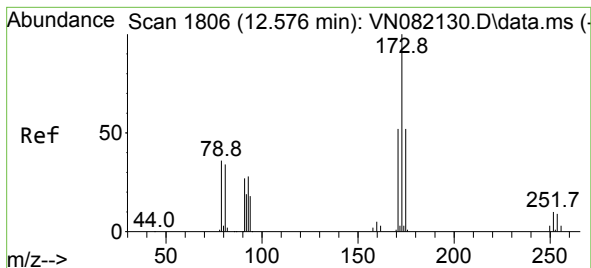
Tgt Ion:	95	Resp:	113758
Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	160.6
176	75.0	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Tgt Ion:	117	Resp:	286991
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.6	66.8
119	33.0	25.9	38.9





#71

Bromoform

Concen: 0.735 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

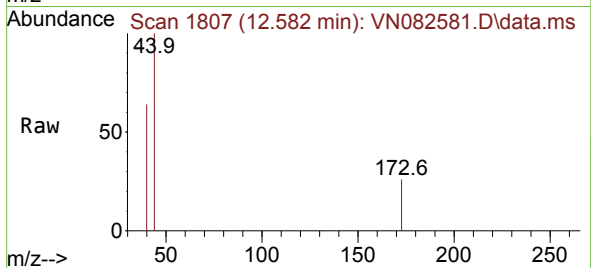
Lab File: VN082581.D

Acq: 14 Jun 2024 14:25

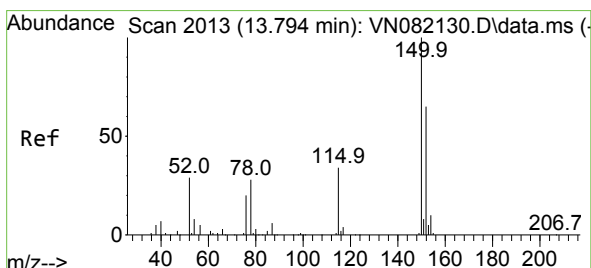
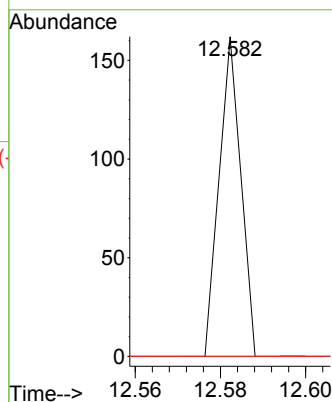
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	57
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

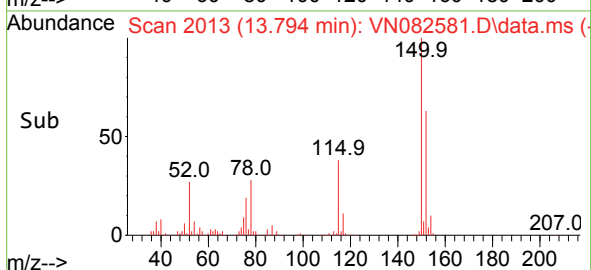
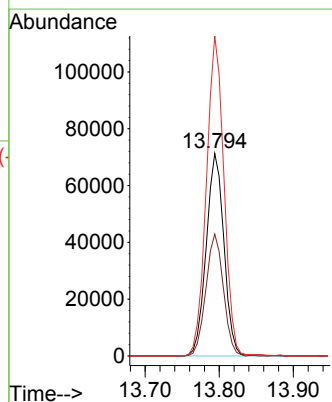
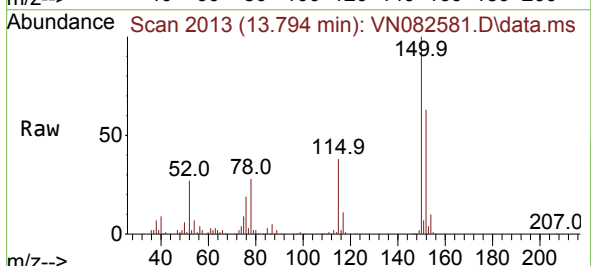
RT: 13.794 min Scan# 2013

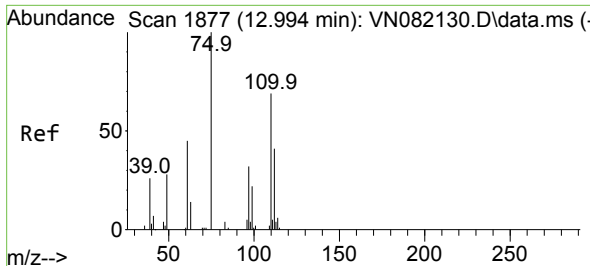
Delta R.T. -0.000 min

Lab File: VN082581.D

Acq: 14 Jun 2024 14:25

Tgt Ion:	152	Resp:	118566
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.4	91.3
150	156.3	0.0	353.2

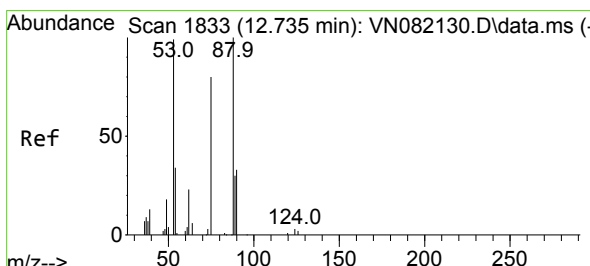
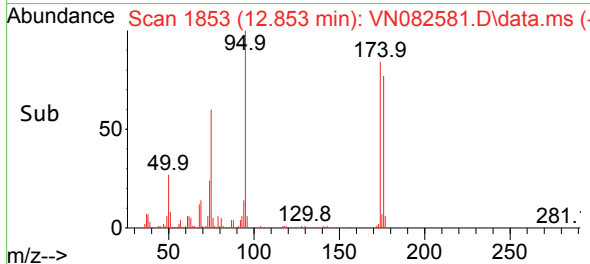
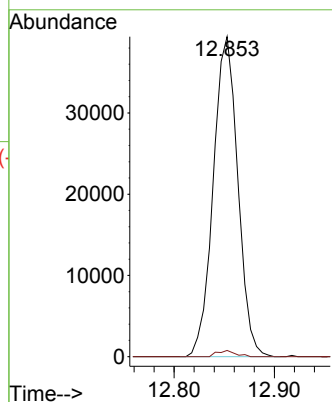
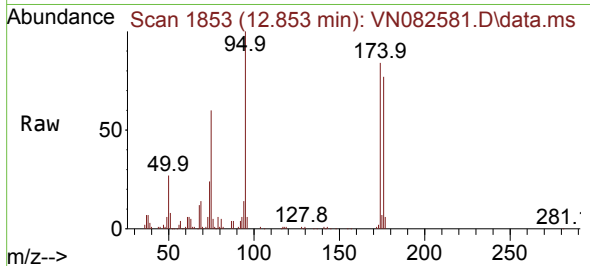




#76
1,2,3-Trichloropropane
Concen: 26.880 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 67080
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.871 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Tgt Ion: 75 Resp: 67080
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#

