

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082460.D
 Acq On : 05 Jun 2024 10:49
 Operator : JC\MD
 Sample : VN0605MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 00:52:03 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	8.224	168	147506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	267348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	257681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104593	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127656	54.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.620%	
35) Dibromofluoromethane	8.171	113	91706	55.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.520%	
50) Toluene-d8	10.571	98	342978	54.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.853	95	110847	49.254	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.500%	

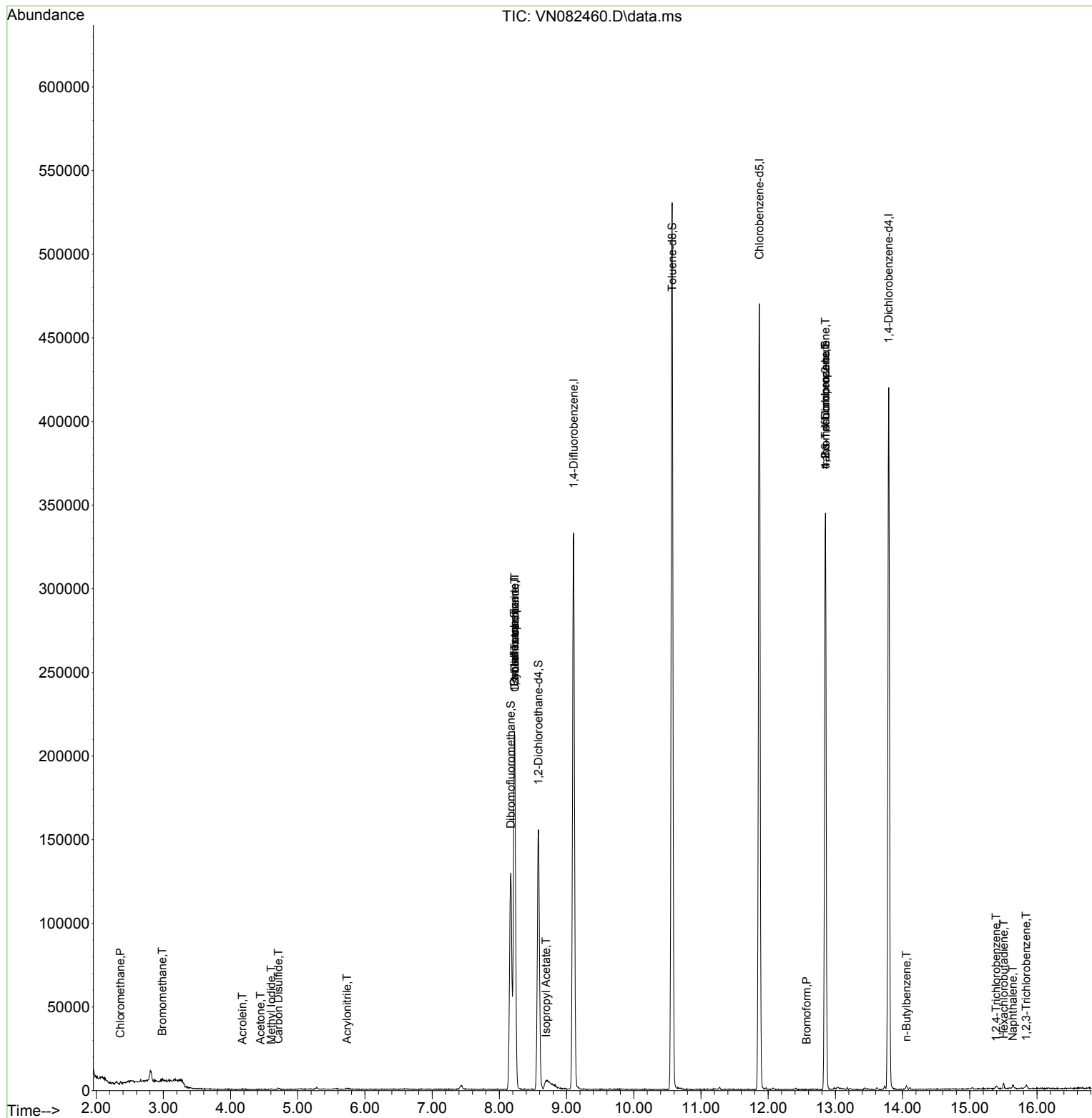
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	568	0.236	ug/l #	43
5) Bromomethane	2.983	94	762	0.585	ug/l #	68
10) Methyl Iodide	4.606	142	652	0.374	ug/l #	40
13) Acrolein	4.177	56	171	0.617	ug/l #	59
15) Acrylonitrile	5.736	53	480	0.496	ug/l #	27
16) Acetone	4.447	43	473	0.495	ug/l #	43
17) Carbon Disulfide	4.712	76	1715	0.330	ug/l #	74
31) Cyclohexane	8.224	56	4371	1.175	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	13810	5.007	ug/l #	50
38) Carbon Tetrachloride	8.230	117	15943	5.702	ug/l #	17
43) Isopropyl Acetate	8.694	43	4470	0.817	ug/l #	52
71) Bromoform	12.570	173	55	0.737	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	66778	30.334	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66778	70.950	ug/l #	12
89) n-Butylbenzene	14.059	91	1617	0.272	ug/l #	91
93) 1,2,4-Trichlorobenzene	15.394	180	876	0.460	ug/l #	82
94) Hexachlorobutadiene	15.506	225	685	0.820	ug/l	80
95) Naphthalene	15.641	128	2832	0.475	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.841	180	1234	0.648	ug/l	87

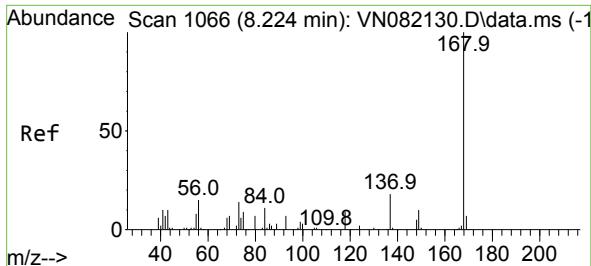
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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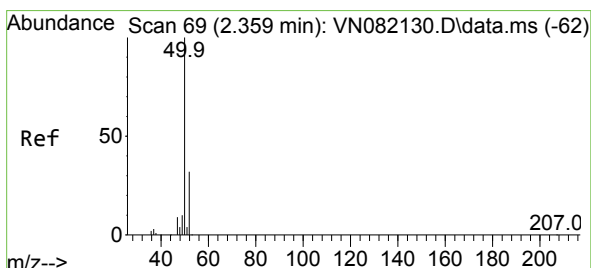
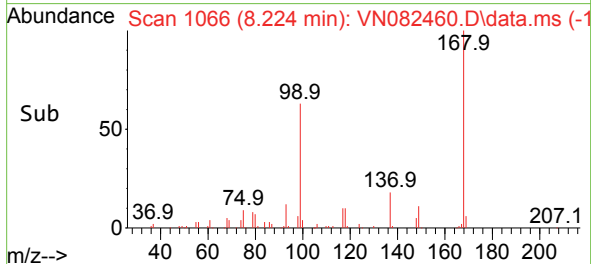
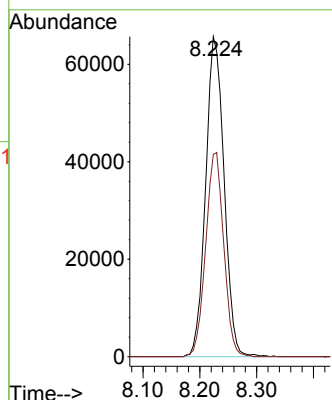
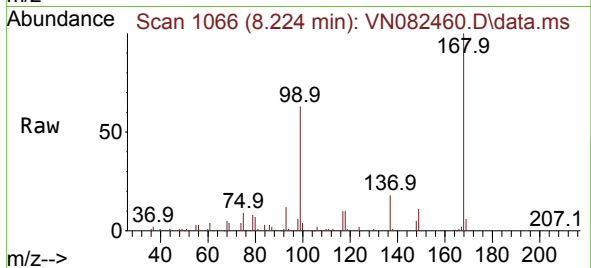




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

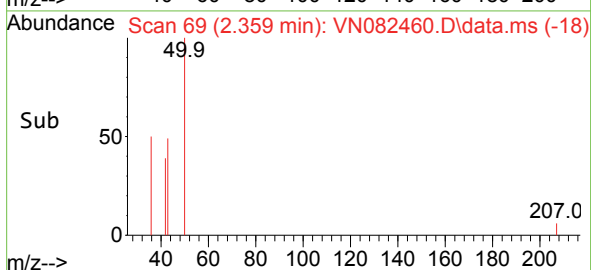
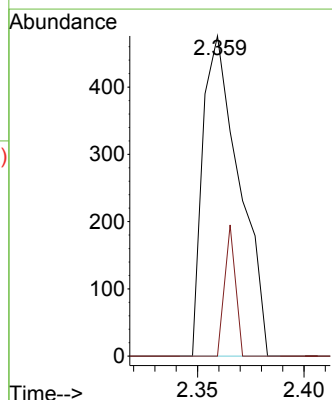
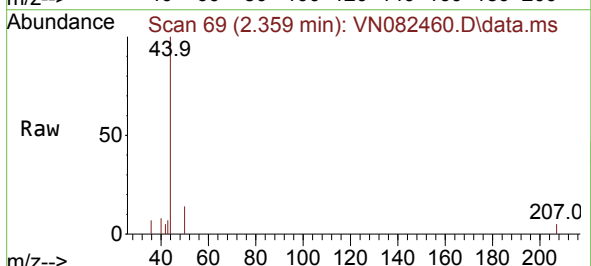
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 147506
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

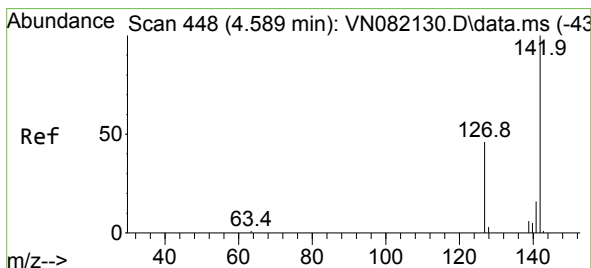
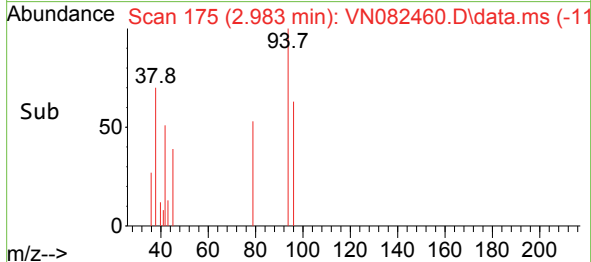
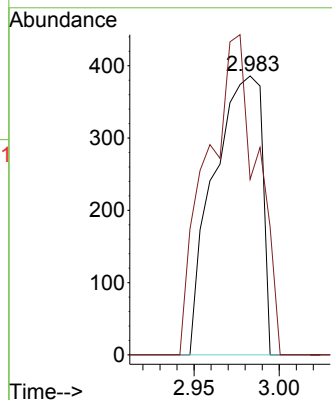
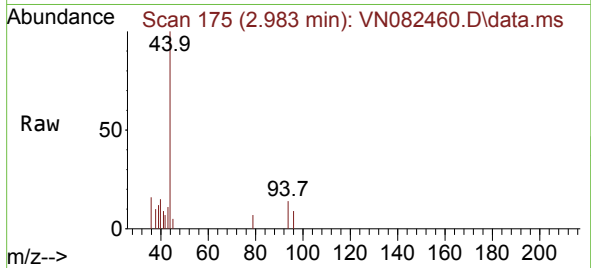




#5
Bromomethane
Concen: 0.585 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

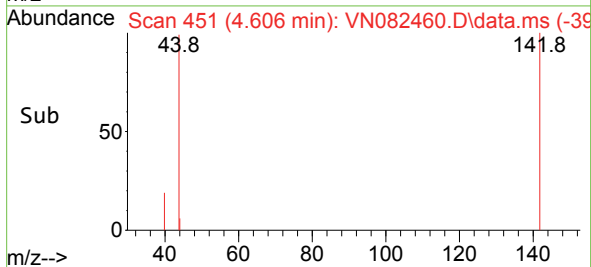
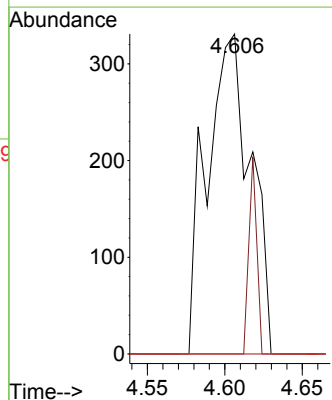
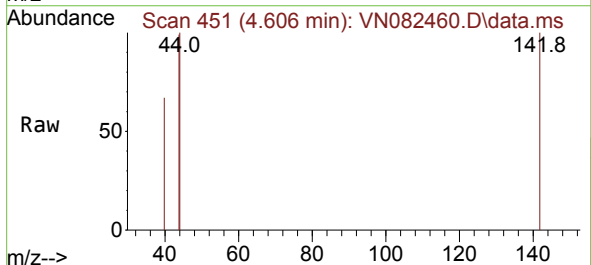
Instrument :
MSVOA_N
ClientSampleId :

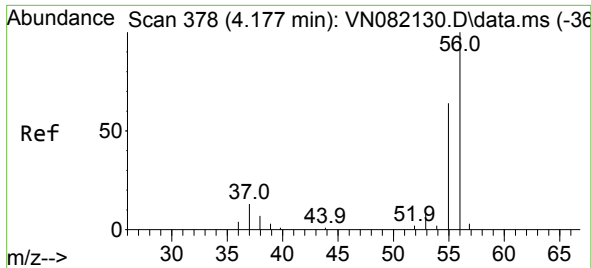
Tgt Ion: 94 Resp: 762
Ion Ratio Lower Upper
94 100
96 63.0 74.8 112.2#



#10
Methyl Iodide
Concen: 0.374 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Tgt Ion:142 Resp: 652
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#





#13

Acrolein

Concen: 0.617 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082460.D

Acq: 05 Jun 2024 10:49

Instrument :

MSVOA_N

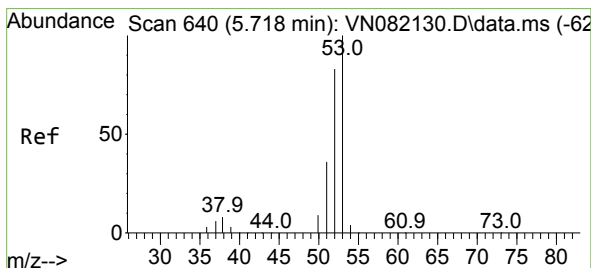
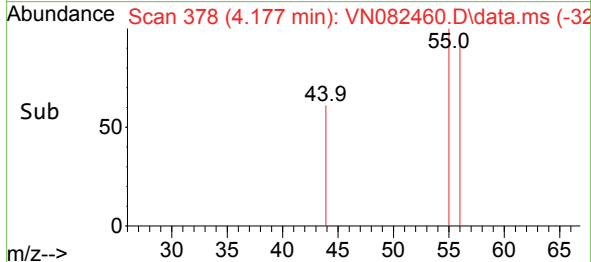
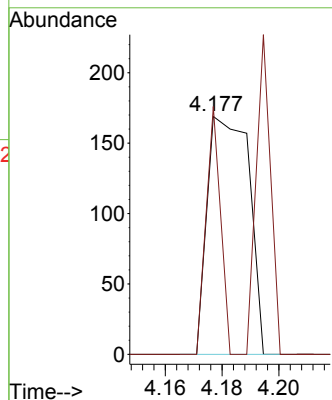
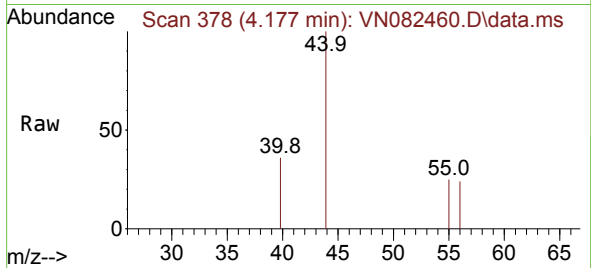
ClientSampleId :

Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 36.3 55.8 83.8#



#15

Acrylonitrile

Concen: 0.496 ug/l

RT: 5.736 min Scan# 643

Delta R.T. 0.018 min

Lab File: VN082460.D

Acq: 05 Jun 2024 10:49

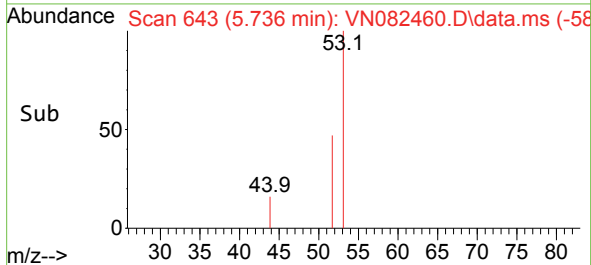
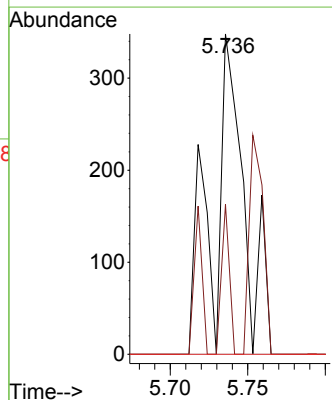
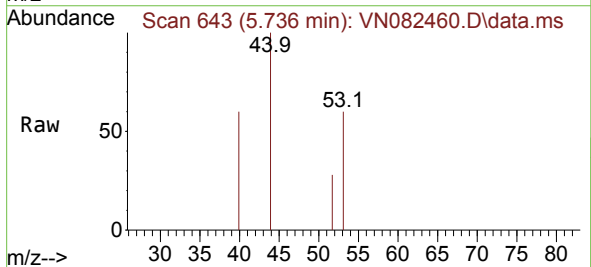
Tgt Ion: 53 Resp: 480

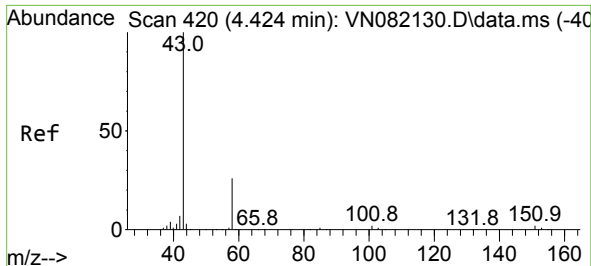
Ion Ratio Lower Upper

53 100

52 12.1 66.1 99.1#

51 0.0 29.4 44.2#

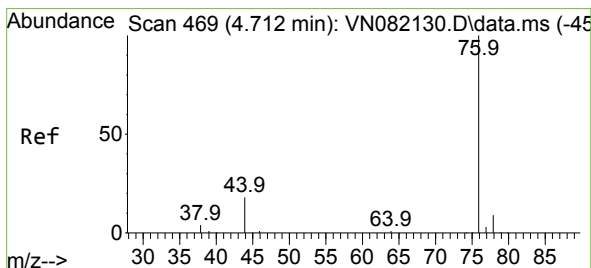
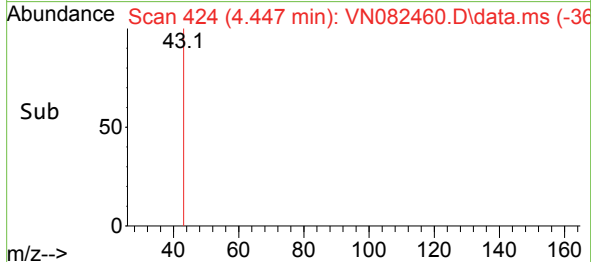
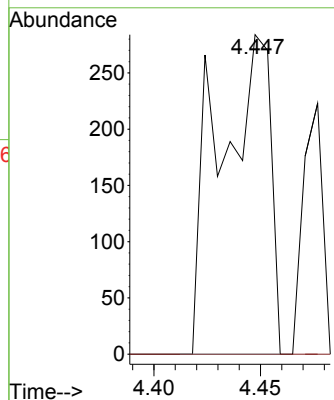
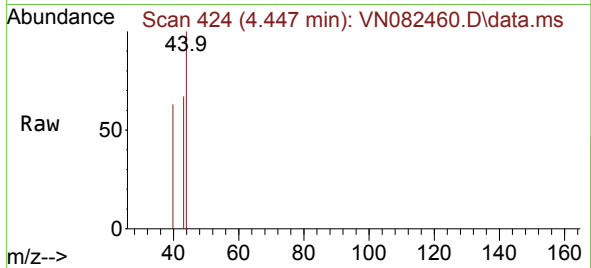




#16
Acetone
Concen: 0.495 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

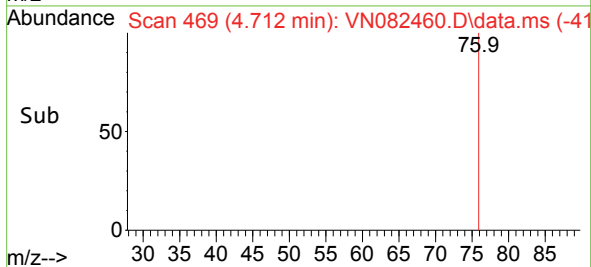
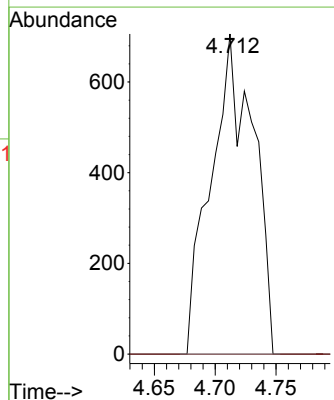
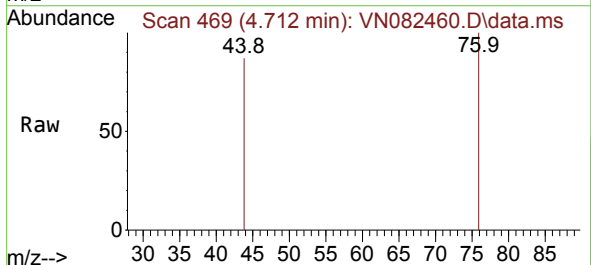
Instrument :
MSVOA_N
ClientSampleId :

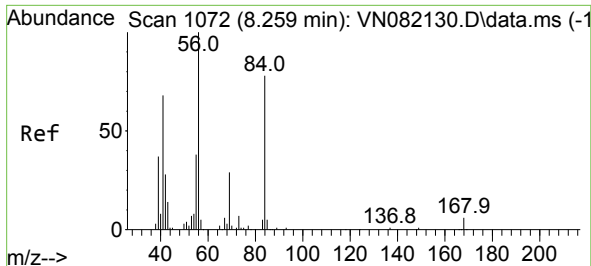
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

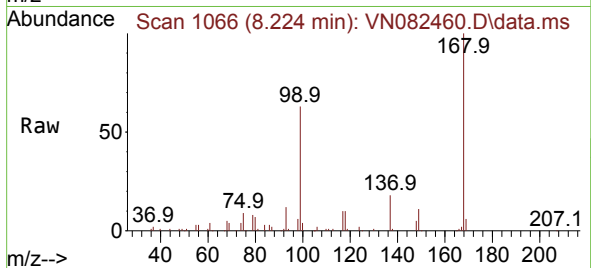
Tgt Ion: 76 Resp: 1715
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



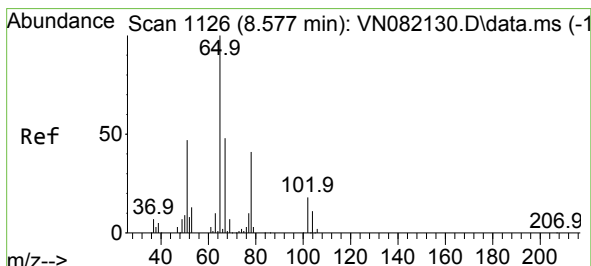
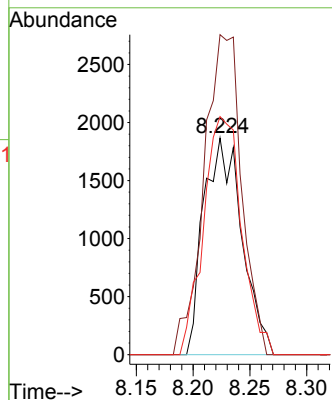
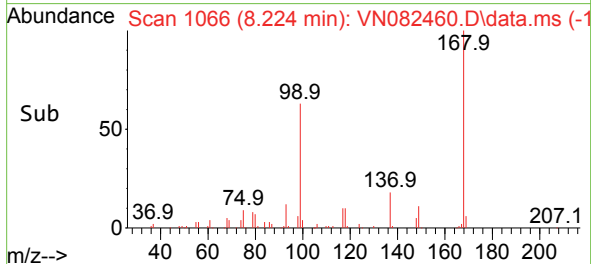


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

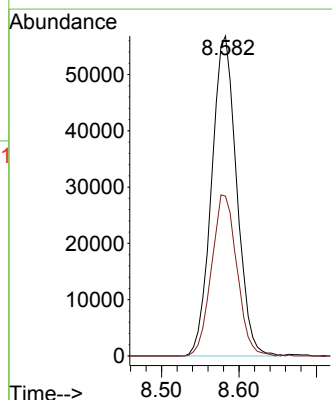
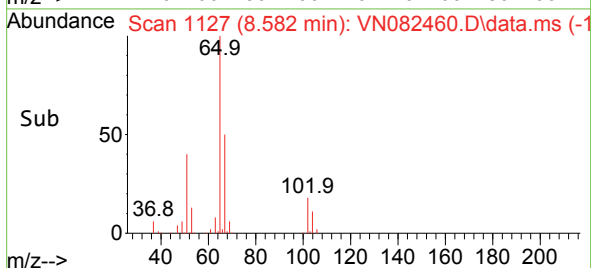
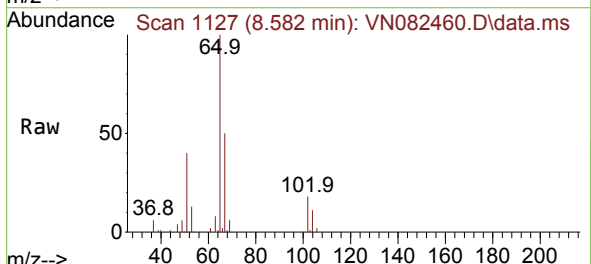


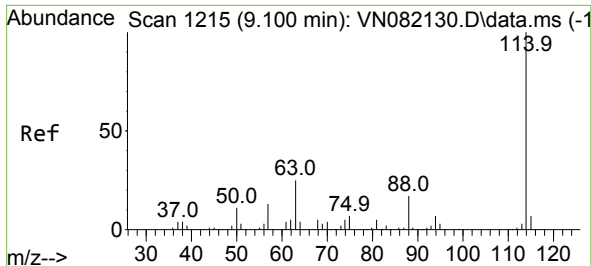
Tgt Ion: 56 Resp: 4371
Ion Ratio Lower Upper
56 100
69 147.7 24.4 36.6#
84 109.9 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 54.808 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Tgt Ion: 65 Resp: 127656
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082460.D

Acq: 05 Jun 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

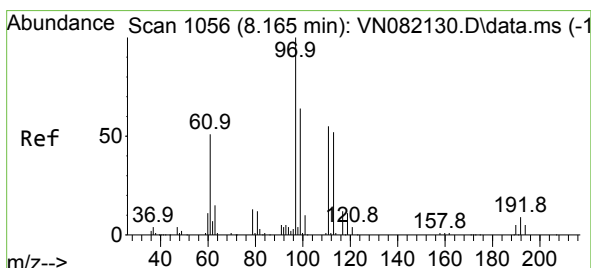
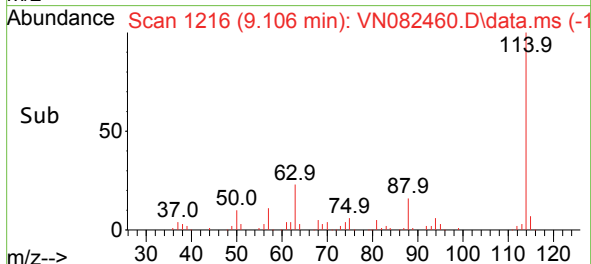
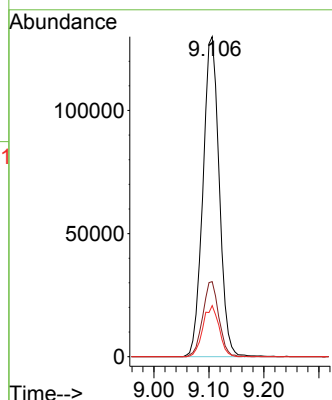
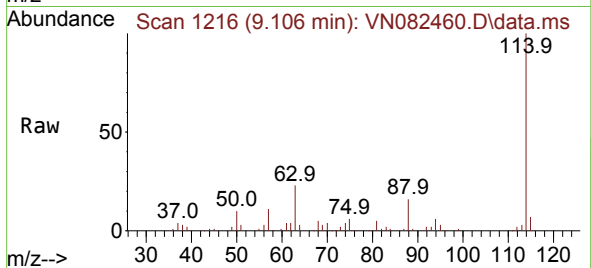
Tgt Ion:114 Resp: 267348

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.762 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082460.D

Acq: 05 Jun 2024 10:49

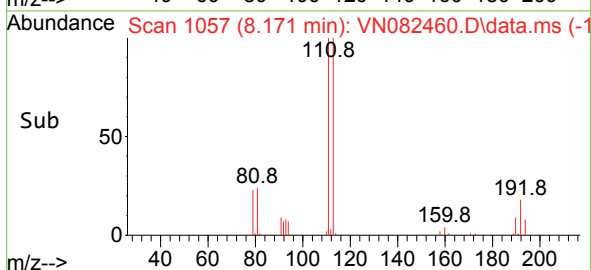
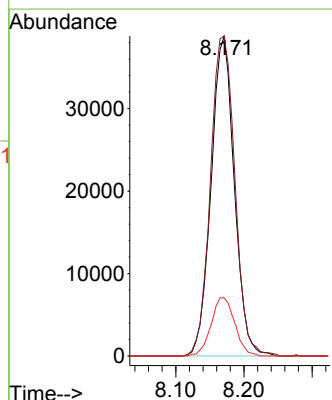
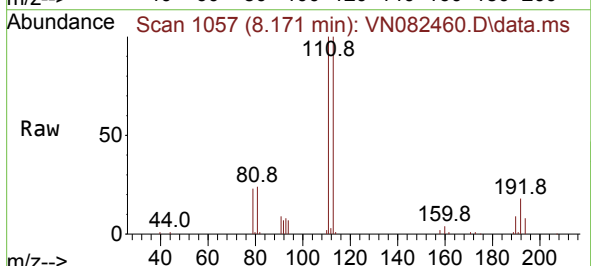
Tgt Ion:113 Resp: 91706

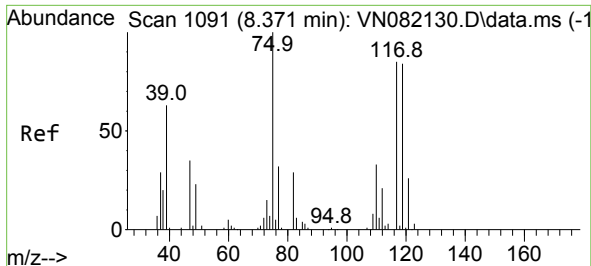
Ion Ratio Lower Upper

113 100

111 105.4 83.4 125.2

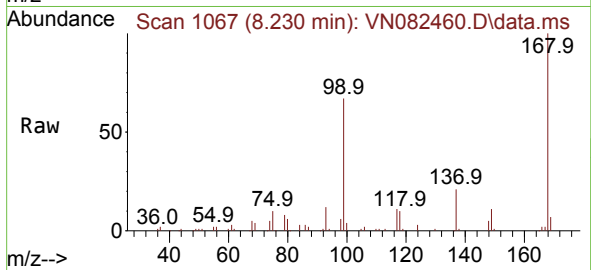
192 18.7 14.0 21.0



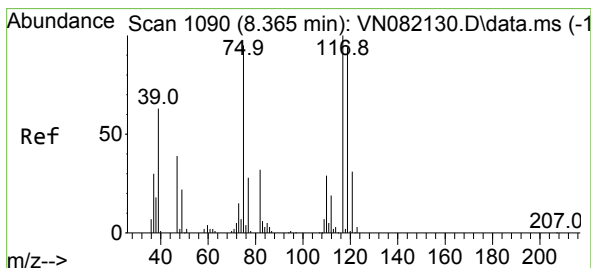
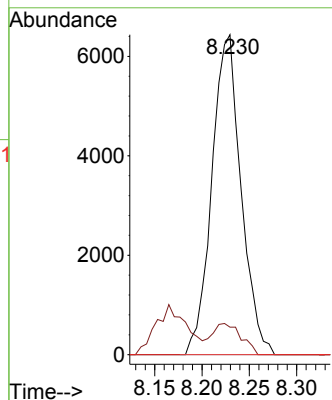
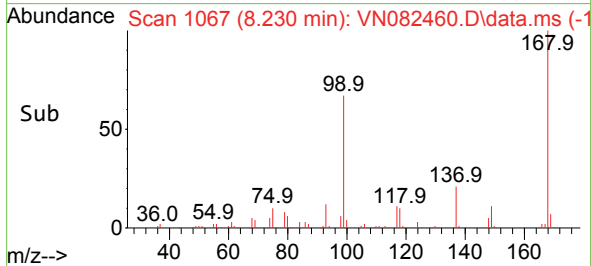


#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

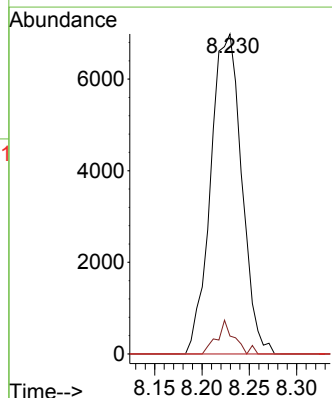
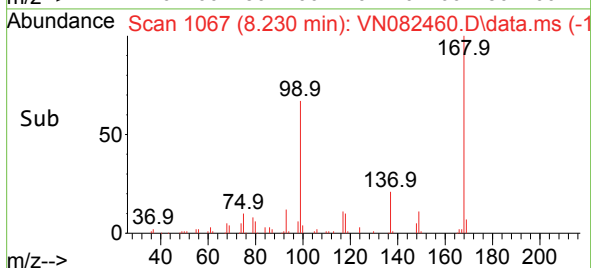
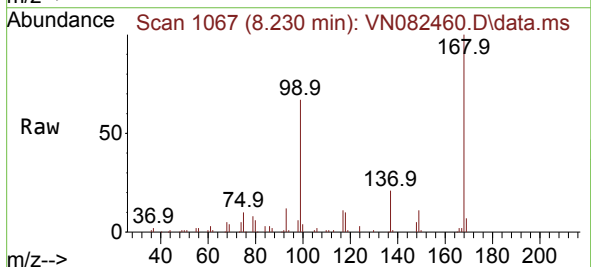


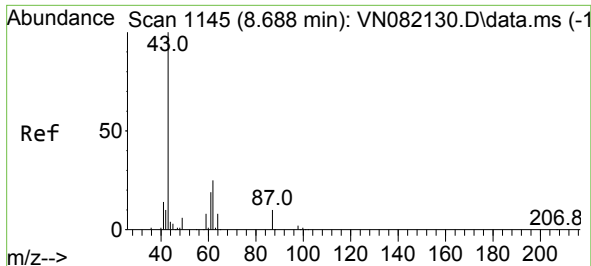
Tgt Ion: 75 Resp: 13810
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

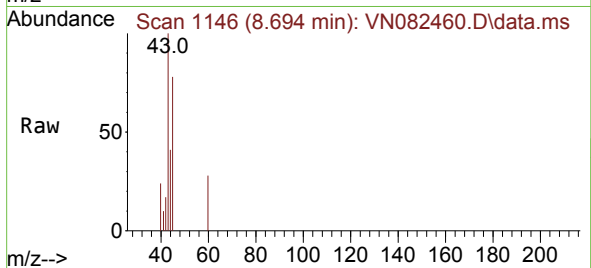
Tgt Ion: 117 Resp: 15943
Ion Ratio Lower Upper
117 100
119 5.6 76.5 114.7#
121 0.0 23.9 35.9#



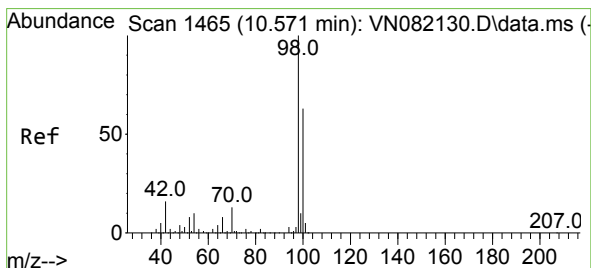
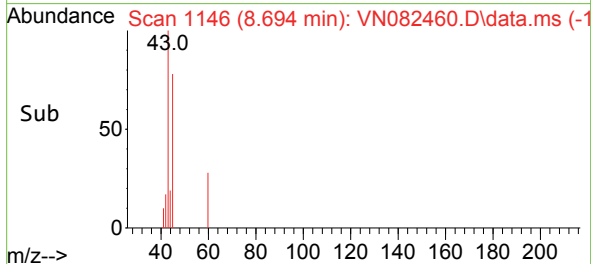
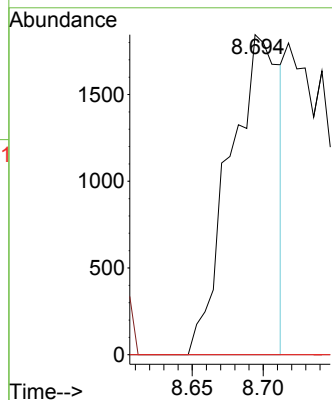


#43
Isopropyl Acetate
Concen: 0.817 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

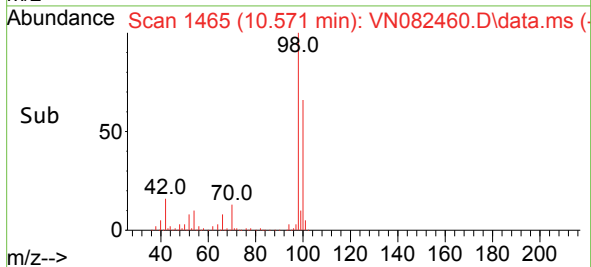
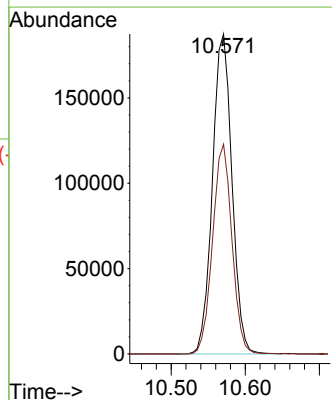
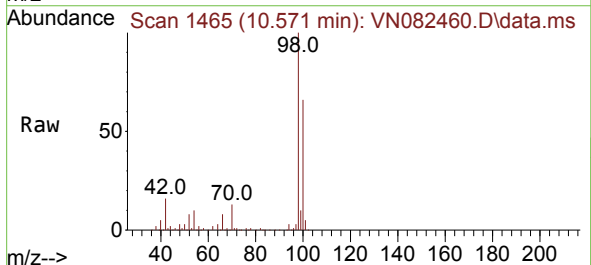


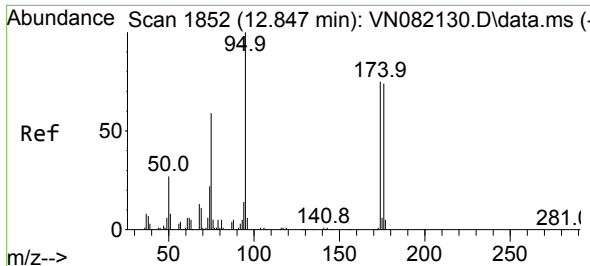
Tgt Ion: 43 Resp: 4470
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.395 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Tgt Ion: 98 Resp: 342978
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

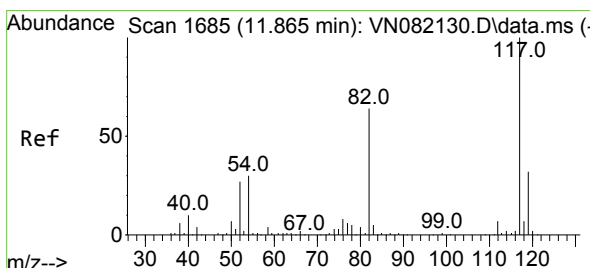
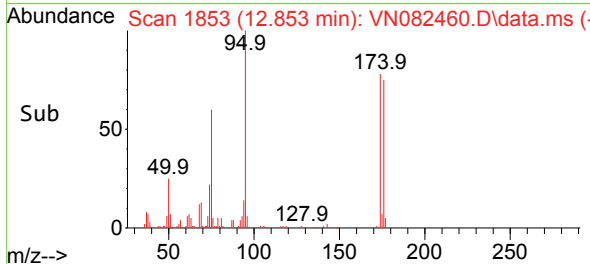
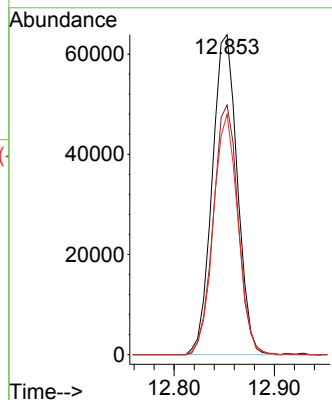
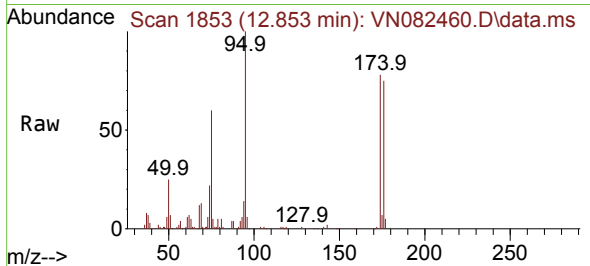




#62
4-Bromofluorobenzene
Concen: 49.254 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

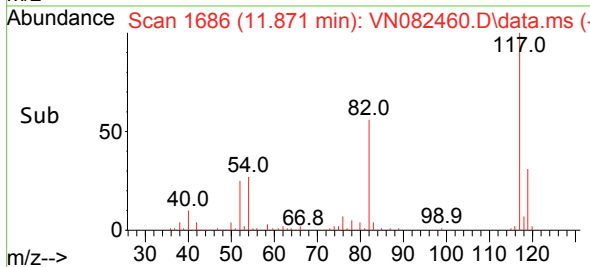
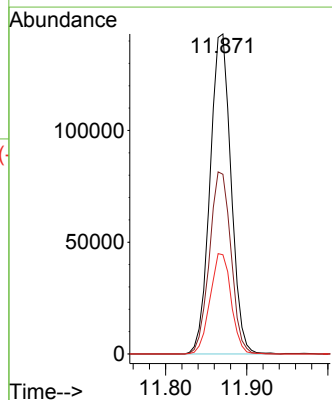
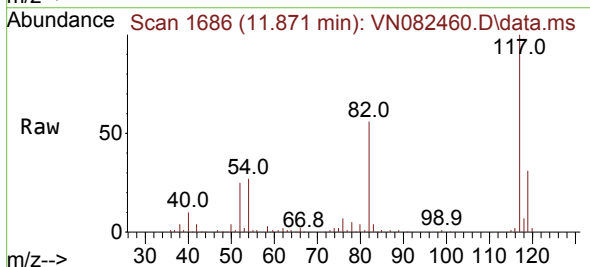
Instrument :
MSVOA_N
ClientSampleId :

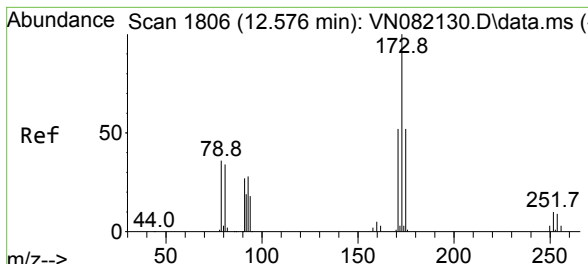
Tgt Ion: 95 Resp: 110847
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.6
176 73.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

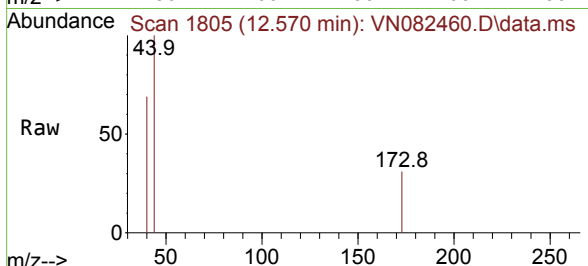
Tgt Ion: 117 Resp: 257681
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 31.0 25.9 38.9



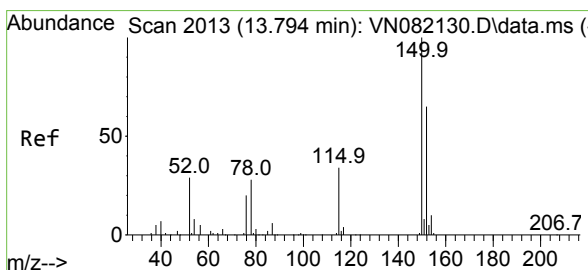
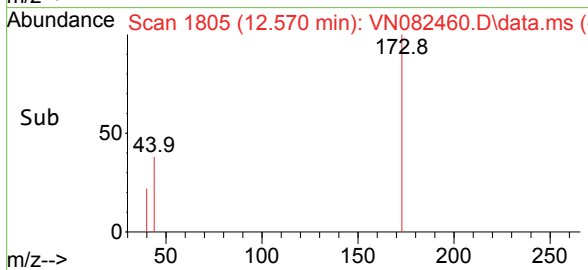
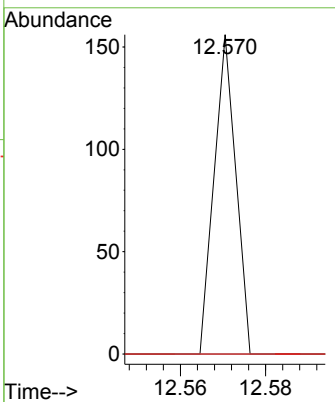


#71
 Bromoform
 Concen: 0.737 ug/l
 RT: 12.570 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: VN082460.D
 Acq: 05 Jun 2024 10:49

Instrument :
 MSVOA_N
 ClientSampleId :

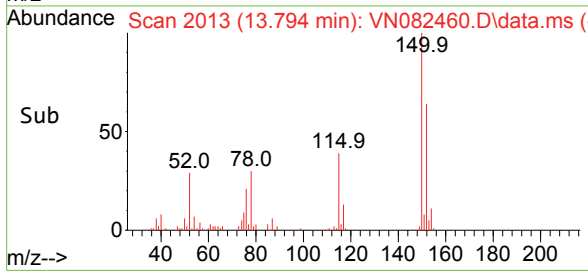
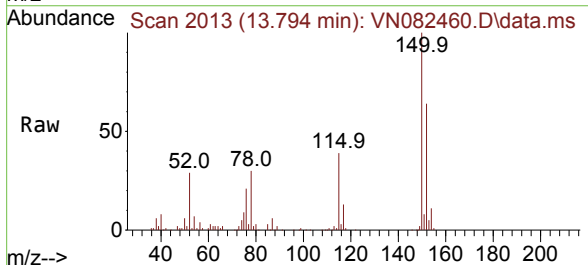
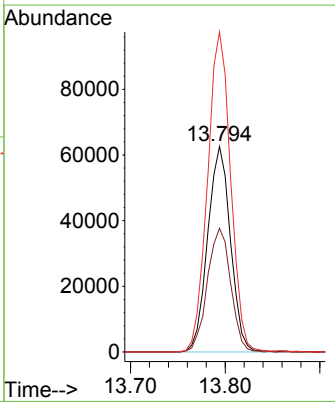


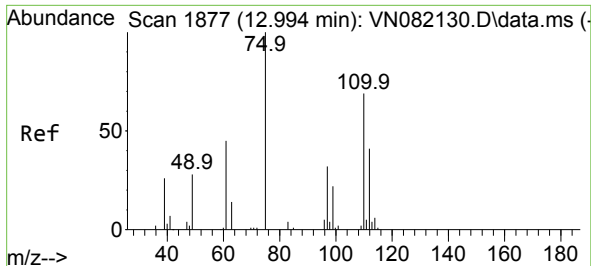
Tgt Ion:	173	Resp:	55
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082460.D
 Acq: 05 Jun 2024 10:49

Tgt Ion:	152	Resp:	104593
Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.4	91.3
150	157.4	0.0	353.2

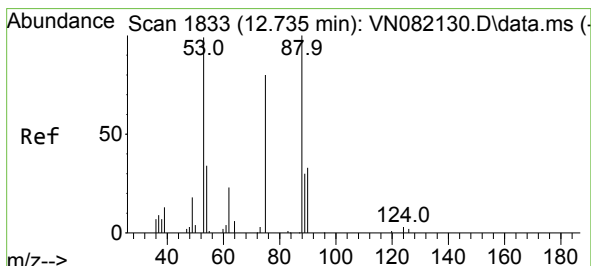
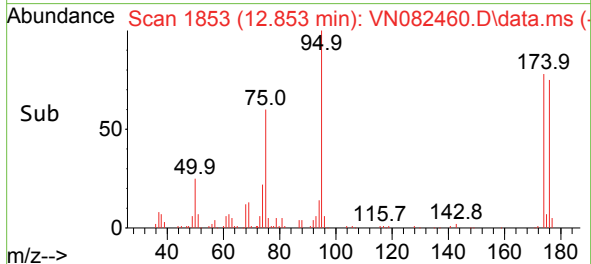
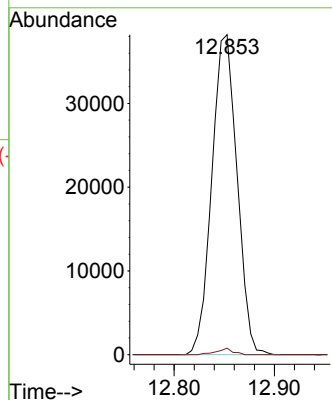
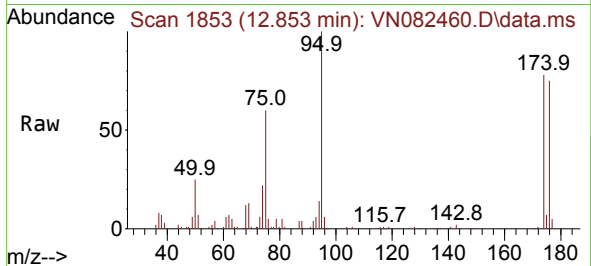




#76
1,2,3-Trichloropropane
Concen: 30.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

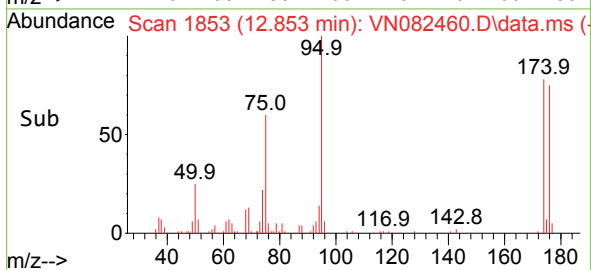
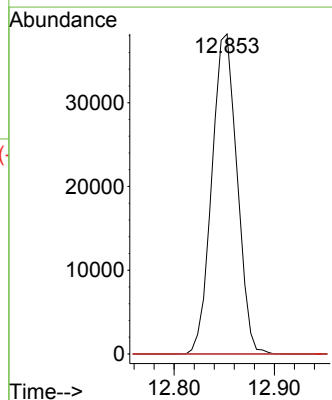
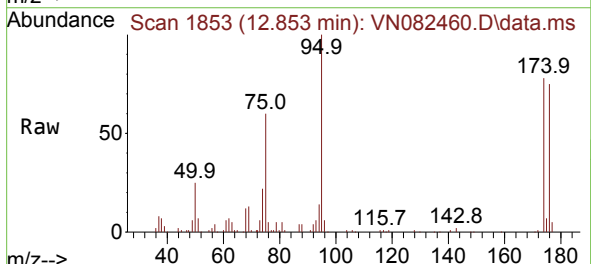
Instrument :
MSVOA_N
ClientSampleId :

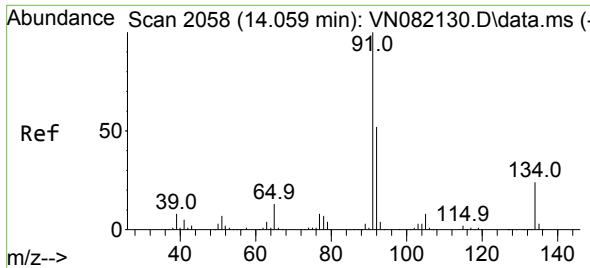
Tgt Ion: 75 Resp: 66778
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.950 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

Tgt Ion: 75 Resp: 66778
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

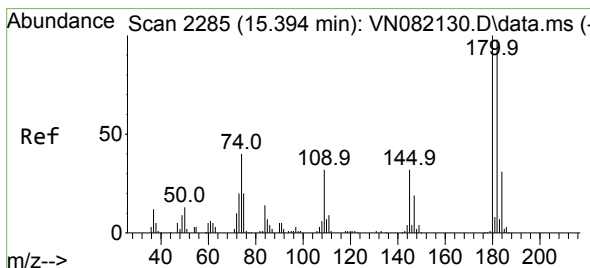
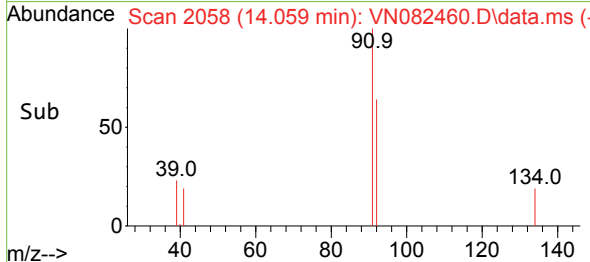
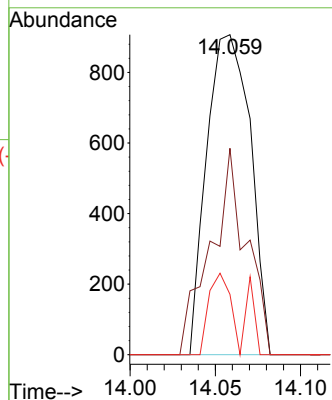
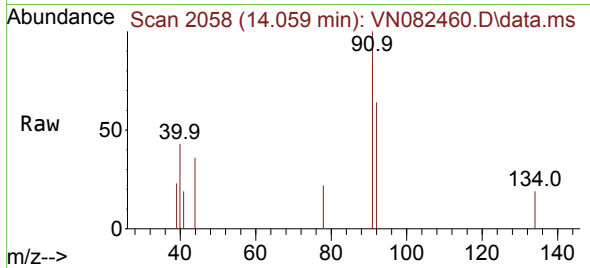




#89
n-Butylbenzene
Concen: 0.272 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

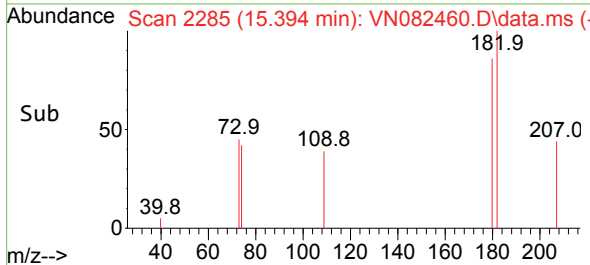
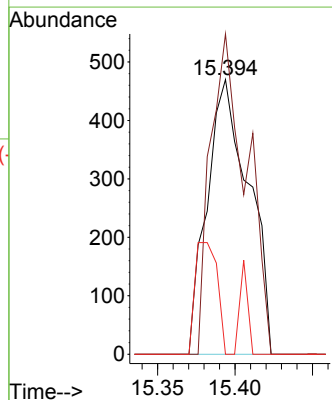
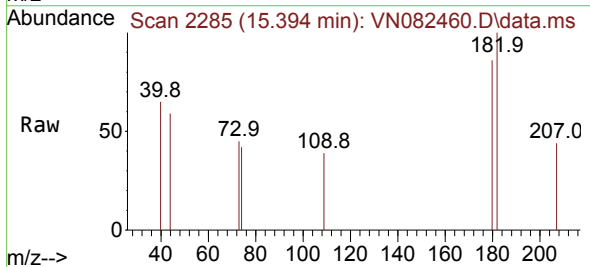
Instrument :
MSVOA_N
ClientSampleId :

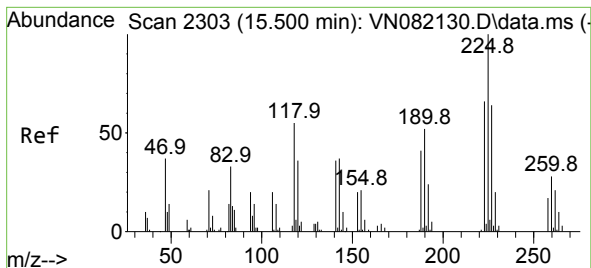
Tgt Ion: 91 Resp: 1617
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 12.7 13.2 39.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.460 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

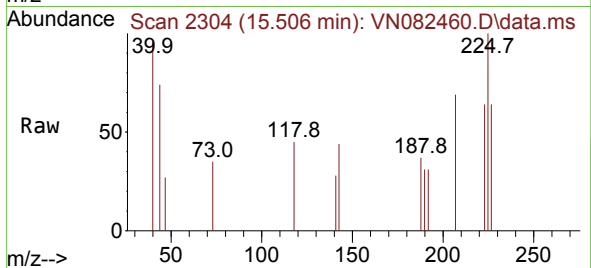
Tgt Ion:180 Resp: 876
Ion Ratio Lower Upper
180 100
182 100.9 46.7 140.0
145 6.5 16.2 48.6#



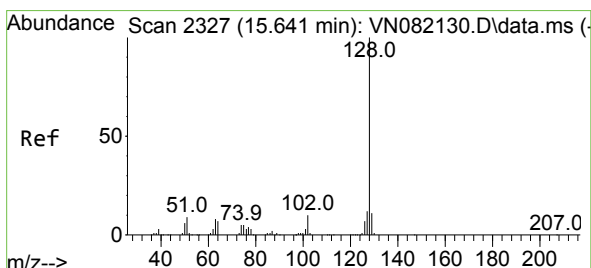
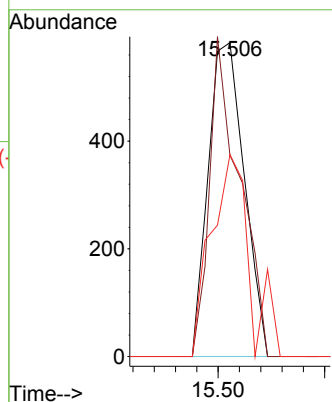
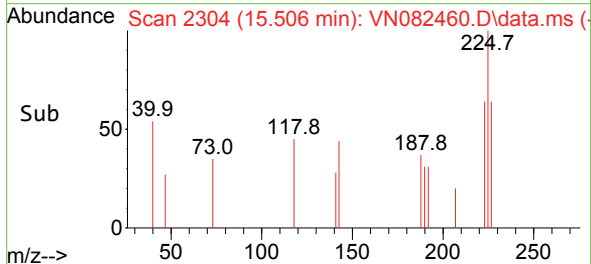


#94
Hexachlorobutadiene
Concen: 0.820 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49

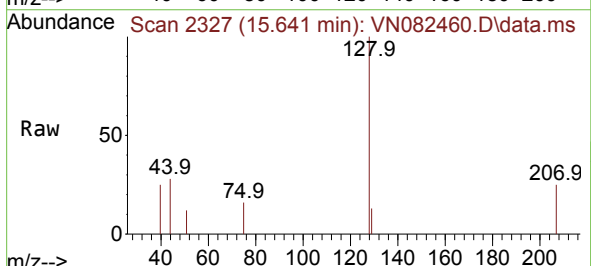
Instrument :
MSVOA_N
ClientSampleId :



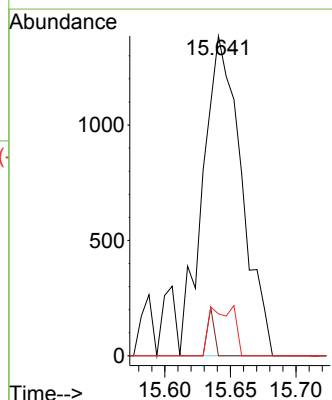
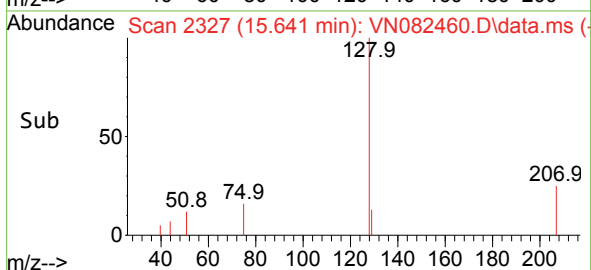
Tgt Ion:225 Resp: 685
Ion Ratio Lower Upper
225 100
223 85.0 31.1 93.2
227 68.2 30.6 91.6

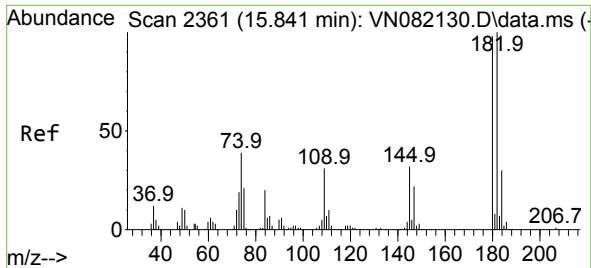


#95
Naphthalene
Concen: 0.475 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082460.D
Acq: 05 Jun 2024 10:49



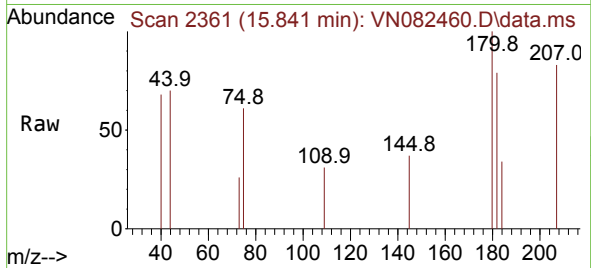
Tgt Ion:128 Resp: 2832
Ion Ratio Lower Upper
128 100
127 2.6 10.1 15.1#
129 9.8 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.648 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082460.D
 Acq: 05 Jun 2024 10:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1234
 Ion Ratio Lower Upper
 180 100
 182 81.3 46.0 137.8
 145 24.1 17.1 51.3

