

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082452.D
 Acq On : 04 Jun 2024 10:59
 Operator : JC\MD
 Sample : VN0604MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 05 03:17:53 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)

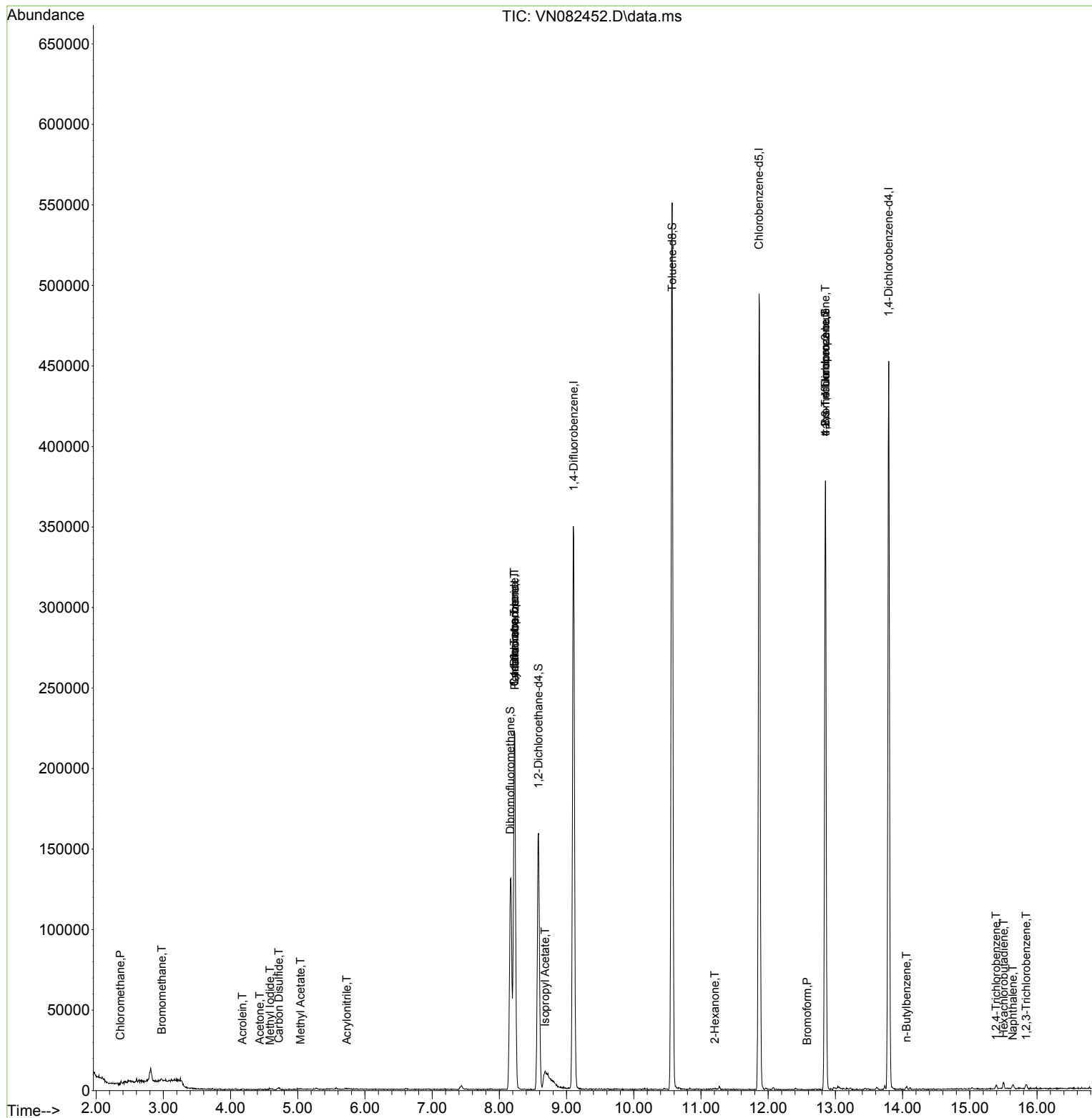
Internal Standards						
1) Pentafluorobenzene	8.230	168	155032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131558	53.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.480%	
35) Dibromofluoromethane	8.165	113	93479	54.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.080%	
50) Toluene-d8	10.571	98	357032	54.335	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	12.853	95	121065	51.620	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	592	0.234	ug/l #	77
5) Bromomethane	2.977	94	1034	0.755	ug/l	97
10) Methyl Iodide	4.589	142	555	0.303	ug/l #	40
13) Acrolein	4.177	56	314	1.078	ug/l #	48
15) Acrylonitrile	5.730	53	334	0.328	ug/l #	67
16) Acetone	4.436	43	501	0.499	ug/l #	43
17) Carbon Disulfide	4.718	76	2427	0.444	ug/l #	74
18) Methyl Acetate	5.042	43	715	0.286	ug/l #	47
31) Cyclohexane	8.224	56	4674	1.195	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	14398	5.009	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16863	5.787	ug/l #	16
43) Isopropyl Acetate	8.683	43	10831	1.900	ug/l #	52
59) 2-Hexanone	11.206	43	607	0.256	ug/l #	23
71) Bromoform	12.582	173	65	0.743	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	69805	29.444	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69805	68.869	ug/l #	12
89) n-Butylbenzene	14.059	91	1459	0.228	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.394	180	1063	0.519	ug/l	87
94) Hexachlorobutadiene	15.506	225	1131	1.257	ug/l	74
95) Naphthalene	15.641	128	3688	0.574	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.841	180	1353	0.659	ug/l	94

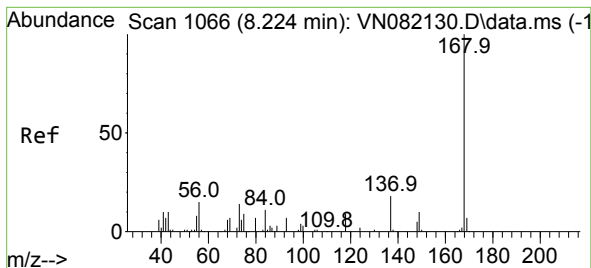
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082452.D

Acq: 04 Jun 2024 10:59

Instrument :

MSVOA_N

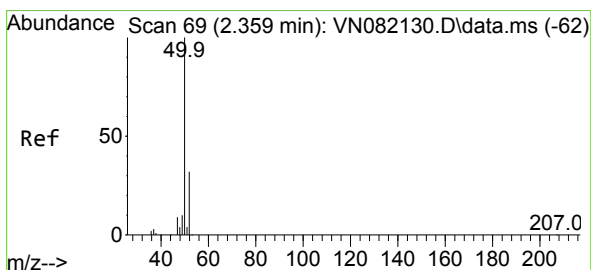
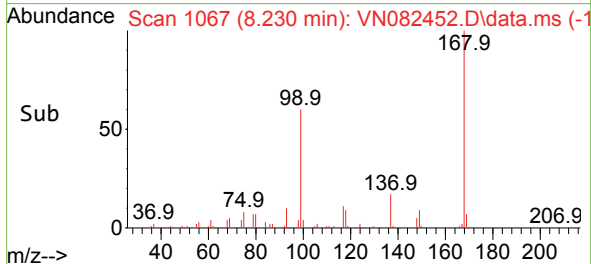
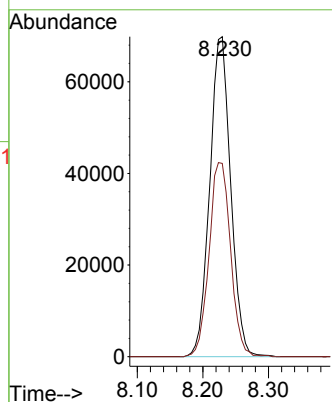
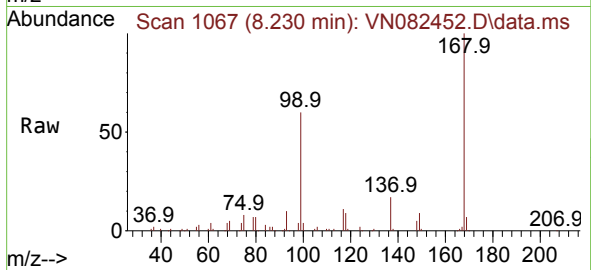
ClientSampleId :

Tgt Ion:168 Resp: 155032

Ion Ratio Lower Upper

168 100

99 60.4 48.2 72.4



#3

Chloromethane

Concen: 0.234 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082452.D

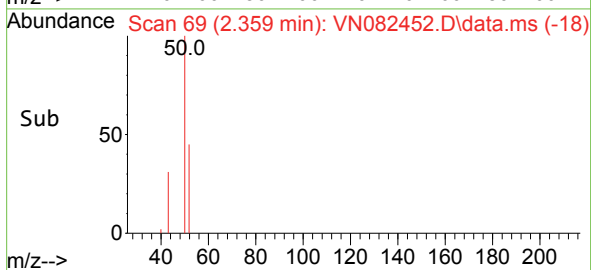
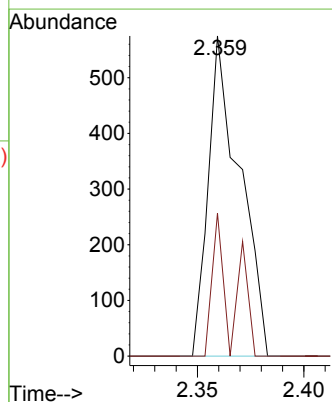
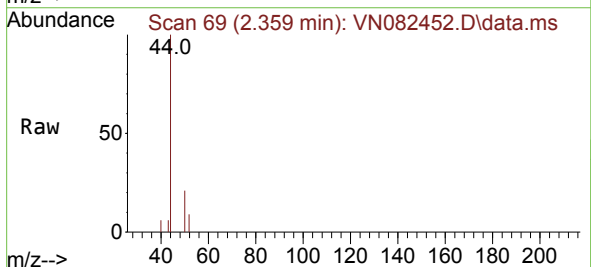
Acq: 04 Jun 2024 10:59

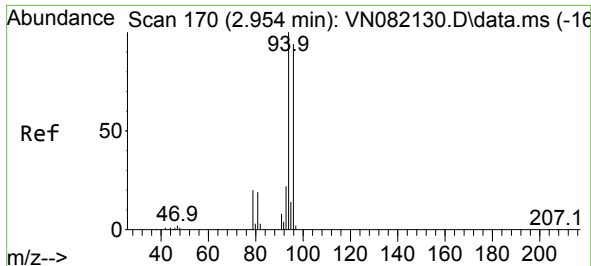
Tgt Ion: 50 Resp: 592

Ion Ratio Lower Upper

50 100

52 44.7 25.5 38.3#

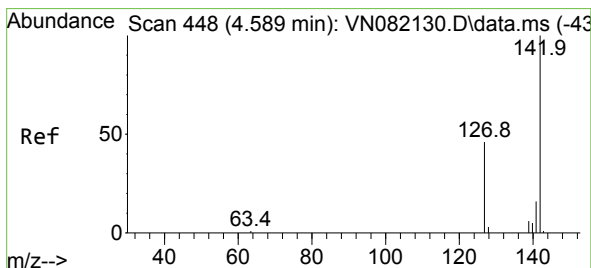
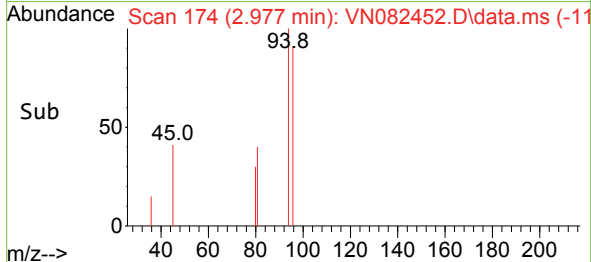
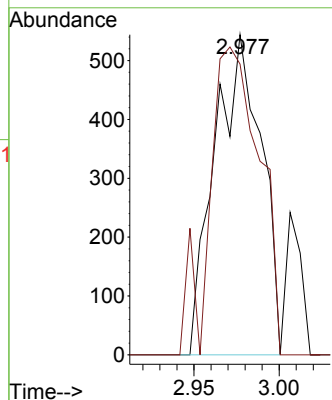
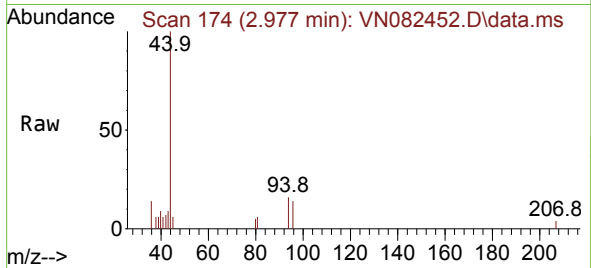




#5
Bromomethane
Concen: 0.755 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

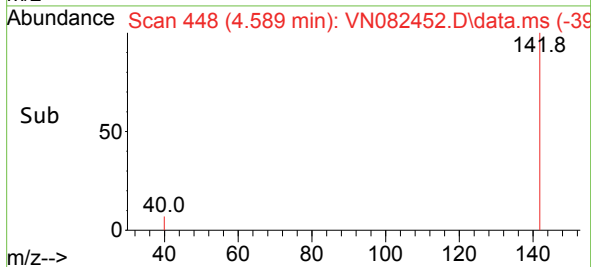
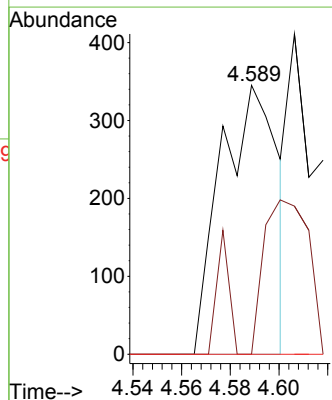
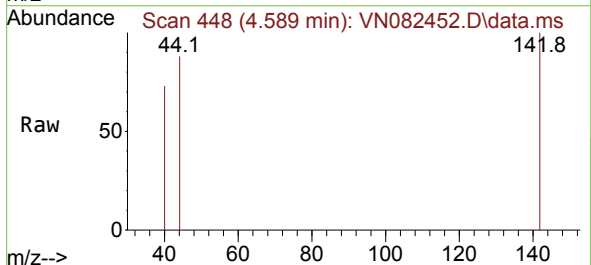
Instrument :
MSVOA_N
ClientSampleId :

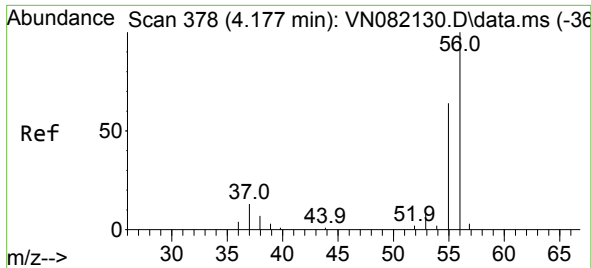
Tgt Ion: 94 Resp: 1034
Ion Ratio Lower Upper
94 100
96 90.8 74.8 112.2



#10
Methyl Iodide
Concen: 0.303 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

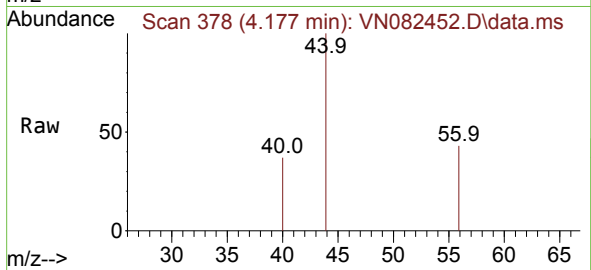
Tgt Ion:142 Resp: 555
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



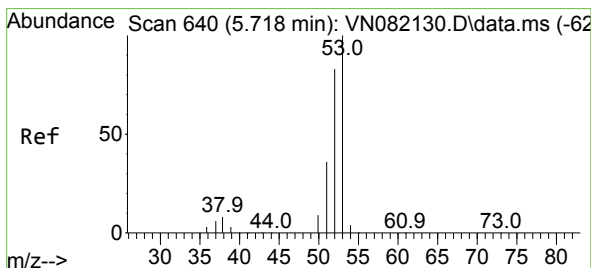
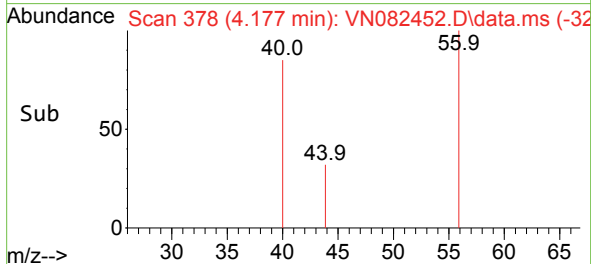
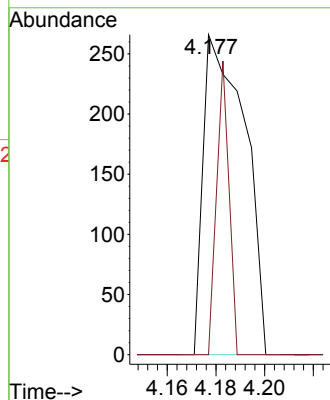


#13
Acrolein
Concen: 1.078 ug/l
RT: 4.177 min Scan# 314
Delta R.T. -0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :

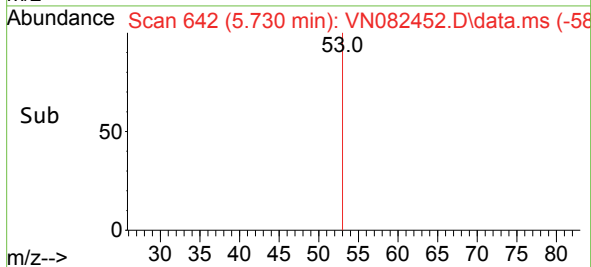
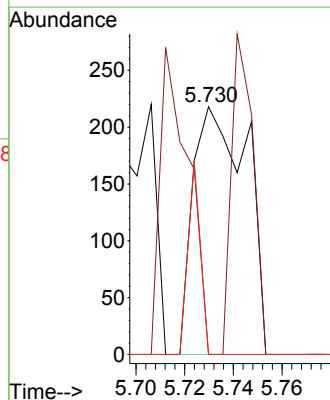
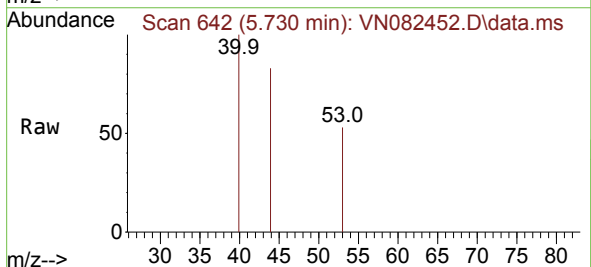


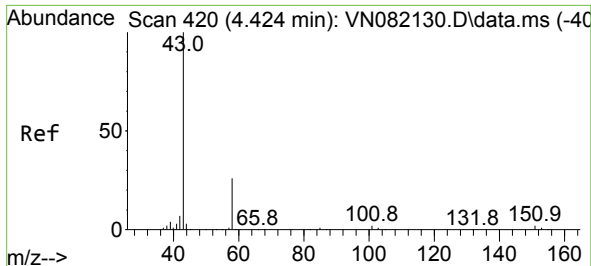
Tgt Ion: 56 Resp: 314
Ion Ratio Lower Upper
56 100
55 27.4 55.8 83.8#



#15
Acrylonitrile
Concen: 0.328 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Tgt Ion: 53 Resp: 334
Ion Ratio Lower Upper
53 100
52 52.1 66.1 99.1#
51 18.0 29.4 44.2#

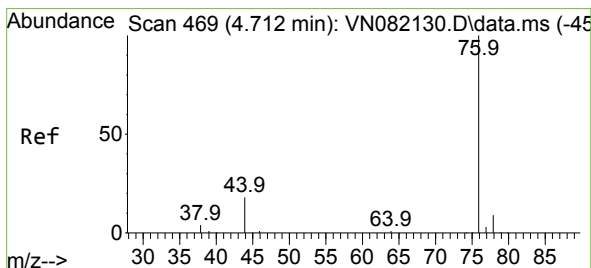
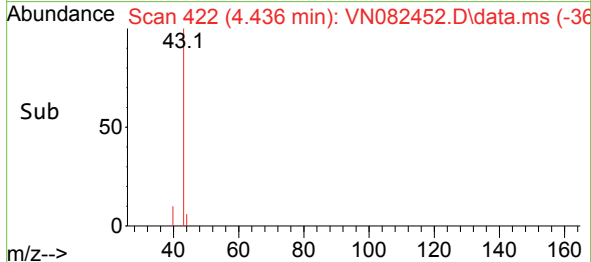
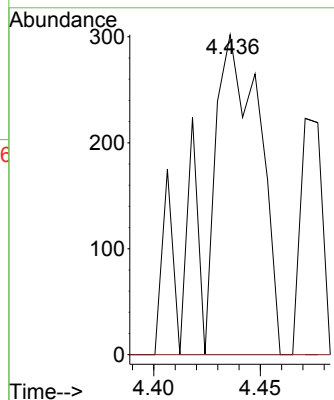
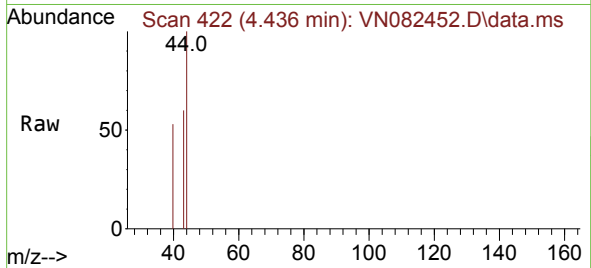




#16
Acetone
Concen: 0.499 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

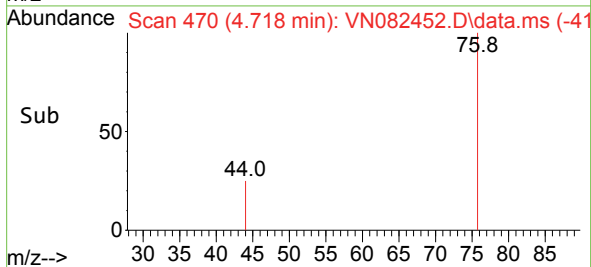
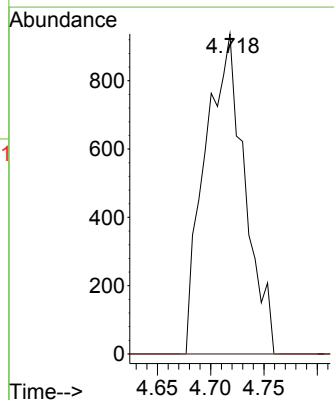
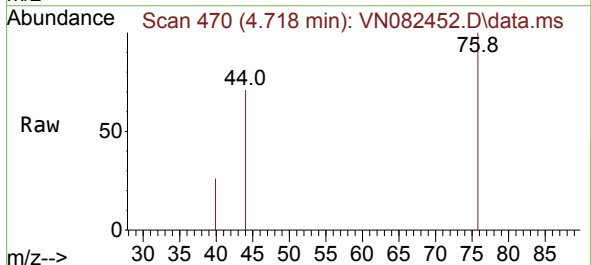
Instrument :
MSVOA_N
ClientSampleId :

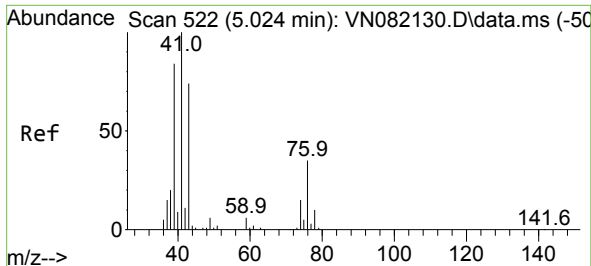
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

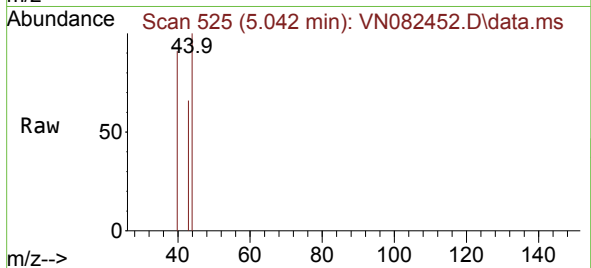
Tgt Ion: 76 Resp: 2427
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



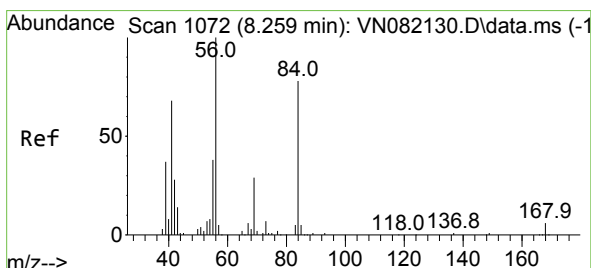
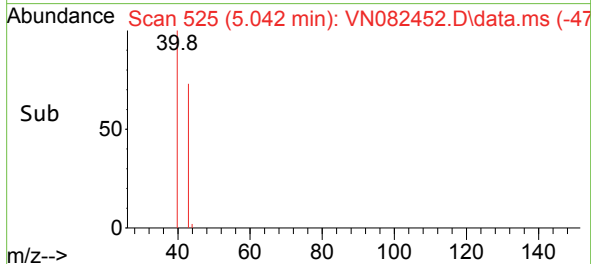
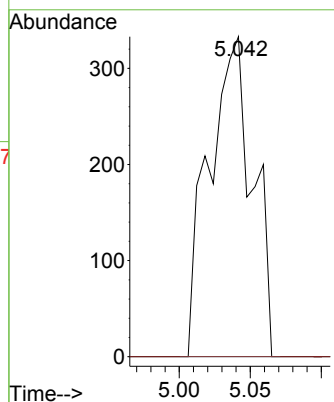


#18
Methyl Acetate
Concen: 0.286 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :

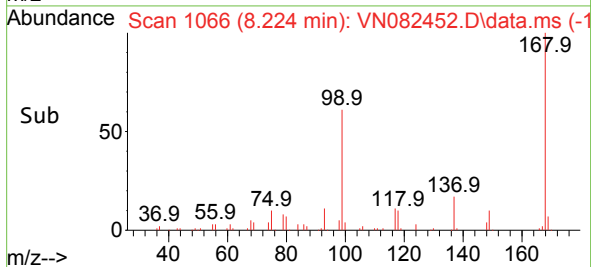
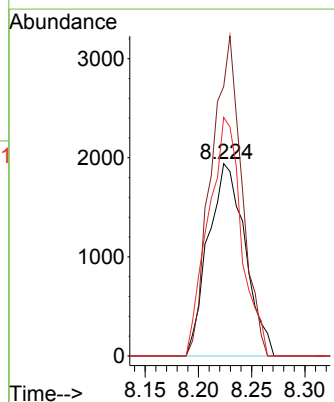
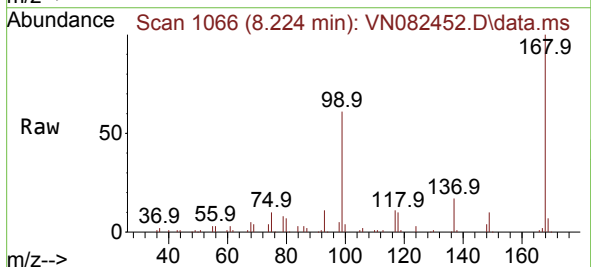


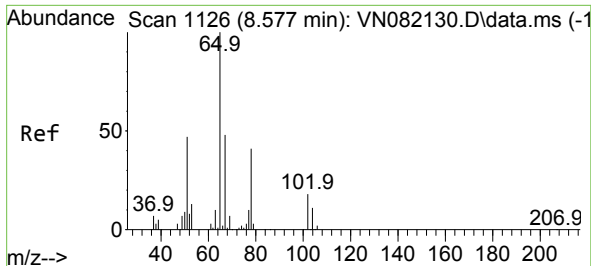
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Tgt Ion: 56 Resp: 4674
Ion Ratio Lower Upper
56 100
69 140.1 24.4 36.6#
84 124.1 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 53.741 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082452.D

Acq: 04 Jun 2024 10:59

Instrument :

MSVOA_N

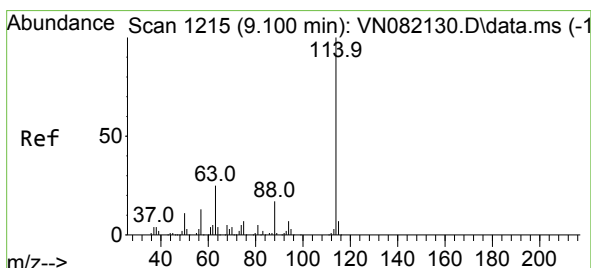
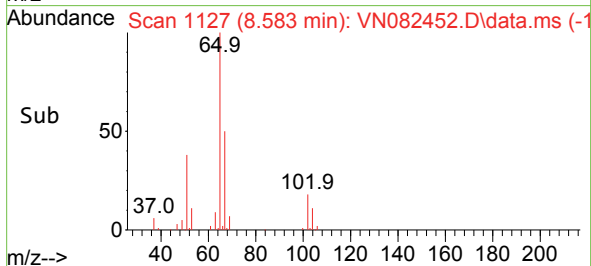
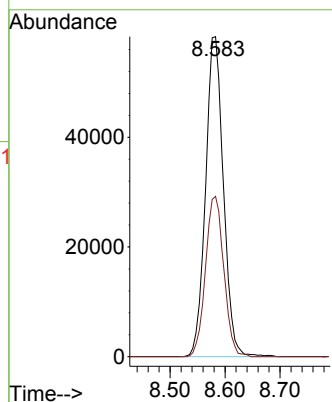
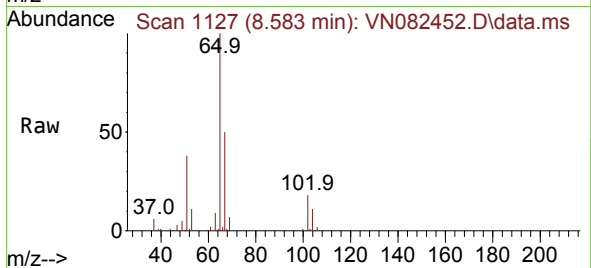
ClientSampleId :

Tgt Ion: 65 Resp: 131558

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082452.D

Acq: 04 Jun 2024 10:59

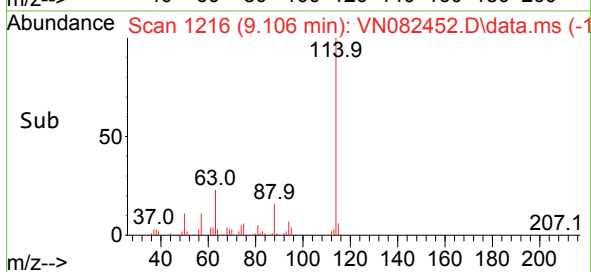
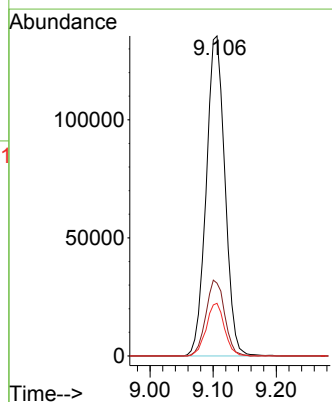
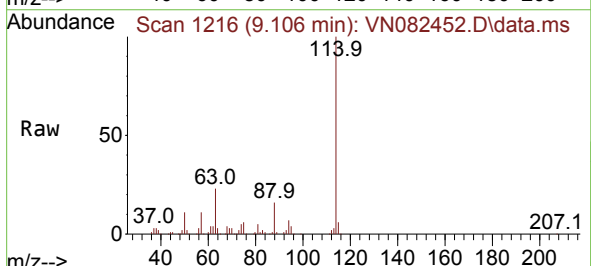
Tgt Ion: 114 Resp: 278612

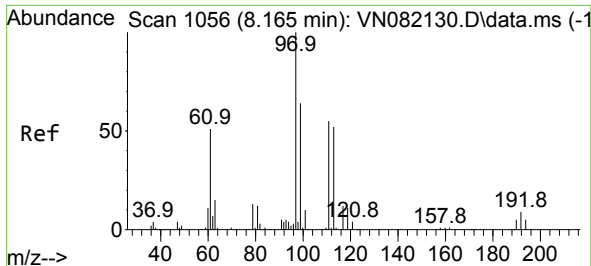
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 16.5 0.0 31.4

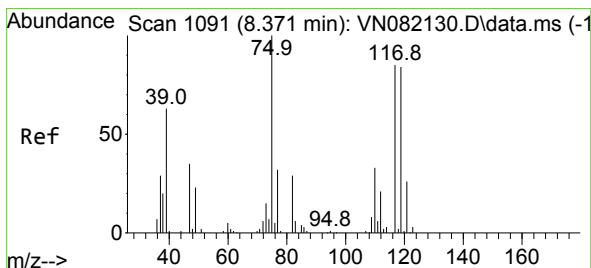
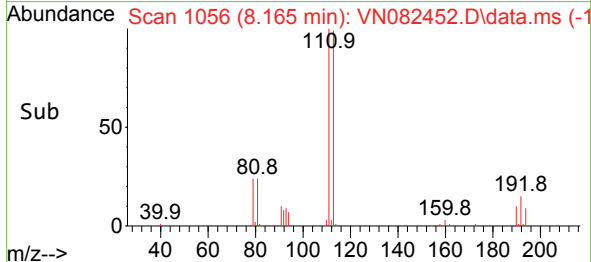
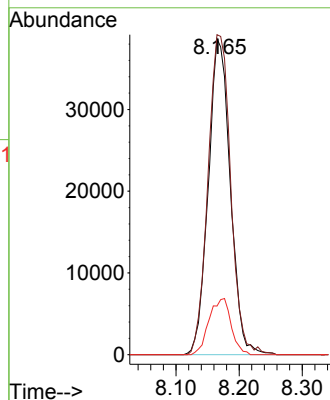
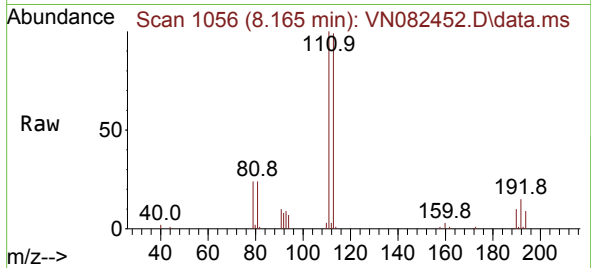




#35
Dibromofluoromethane
Concen: 54.542 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

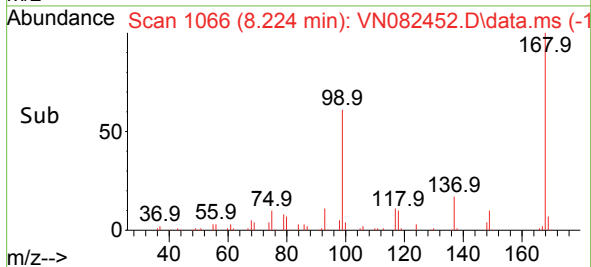
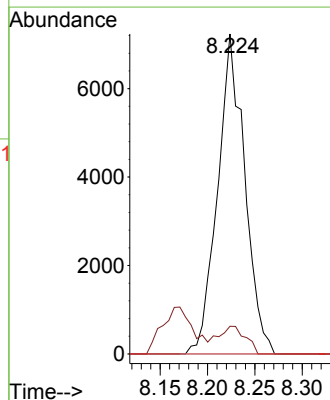
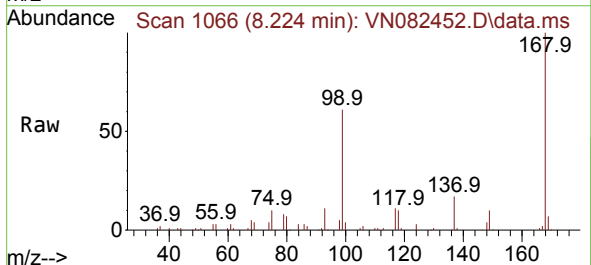
Instrument :
MSVOA_N
ClientSampleId :

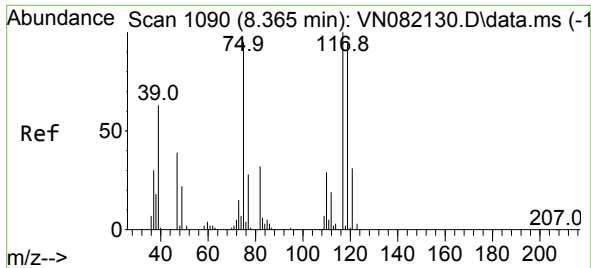
Tgt Ion:113 Resp: 93479
Ion Ratio Lower Upper
113 100
111 104.6 83.4 125.2
192 17.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

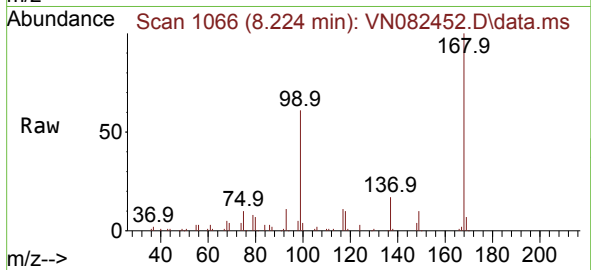
Tgt Ion: 75 Resp: 14398
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 25.0 37.4#



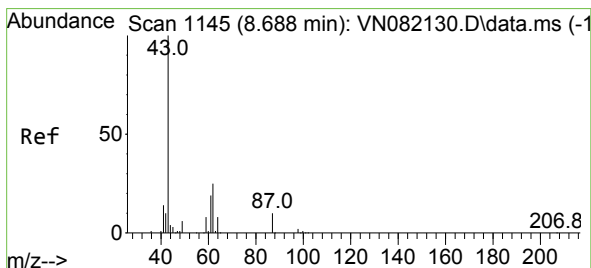
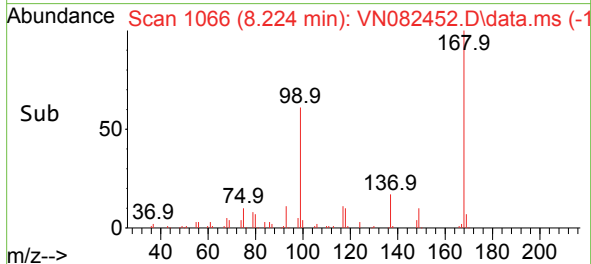
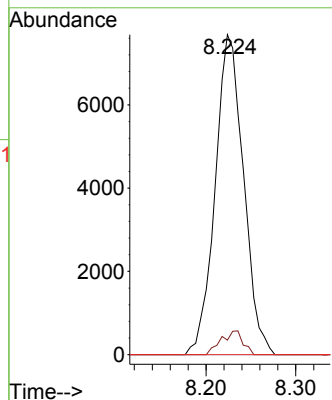


#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :

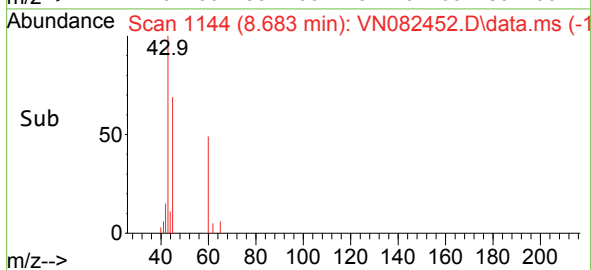
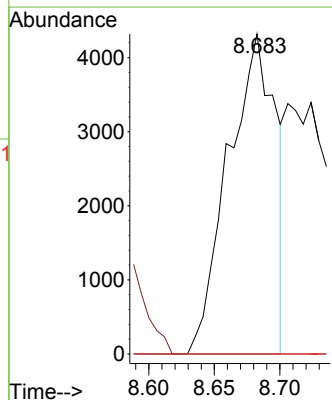
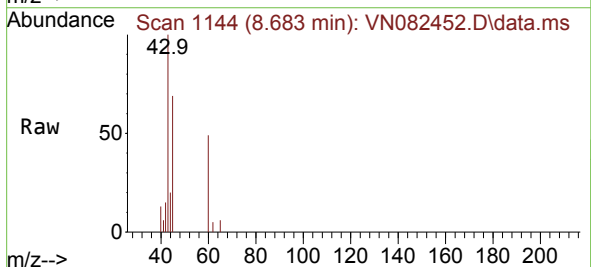


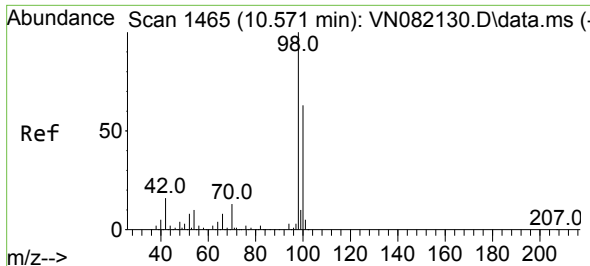
Tgt Ion:117 Resp: 16863
Ion Ratio Lower Upper
117 100
119 4.5 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 1.900 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Tgt Ion: 43 Resp: 10831
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

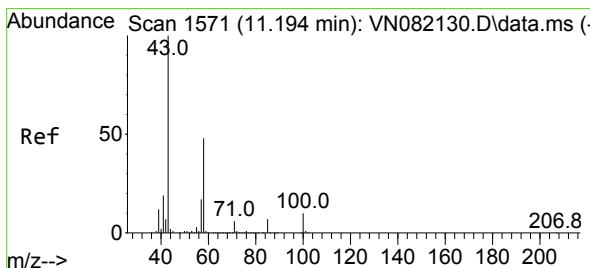
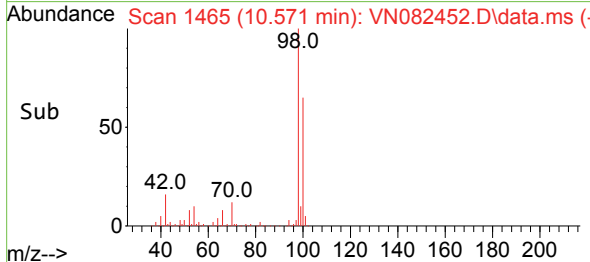
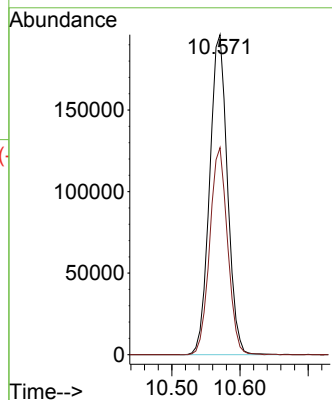
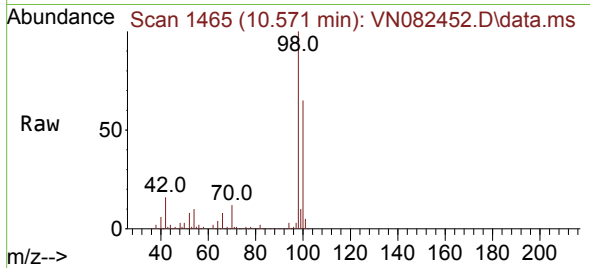




#50
Toluene-d8
Concen: 54.335 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

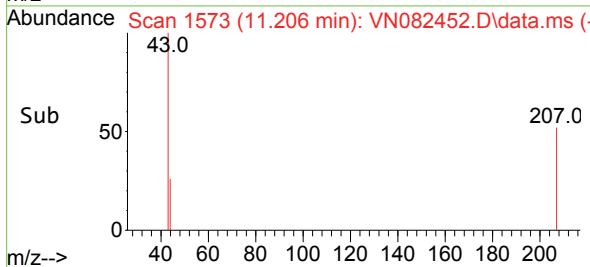
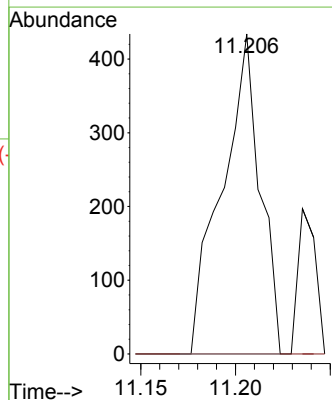
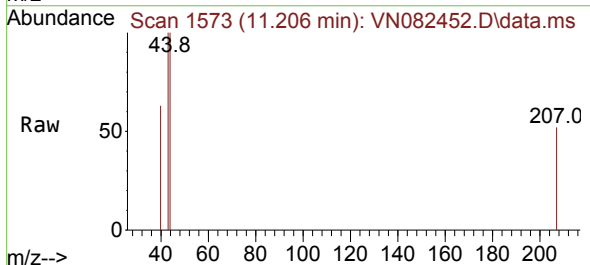
Instrument :
MSVOA_N
ClientSampleId :

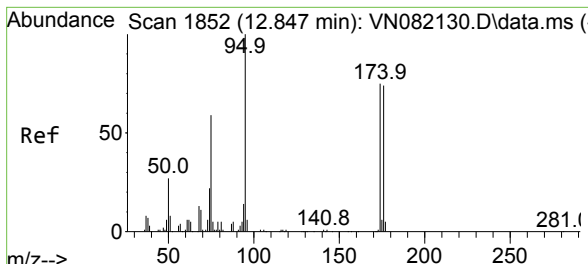
Tgt Ion: 98 Resp: 357032
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#59
2-Hexanone
Concen: 0.256 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

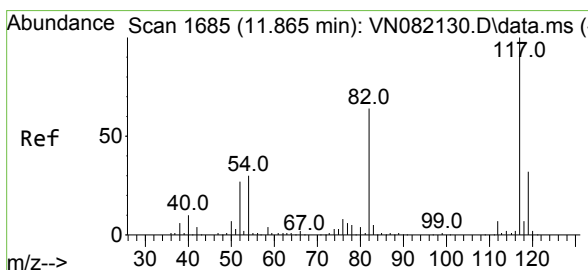
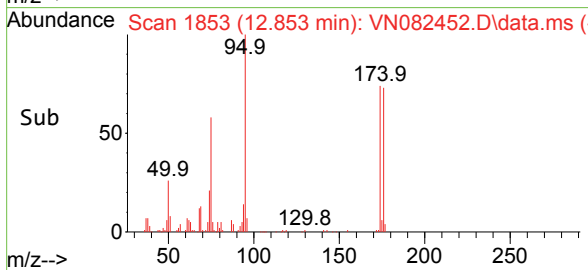
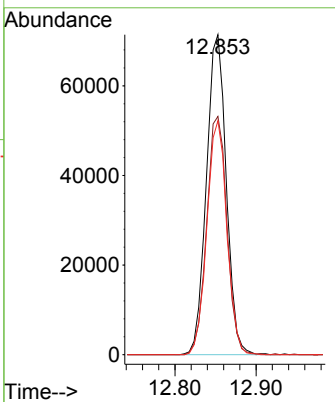
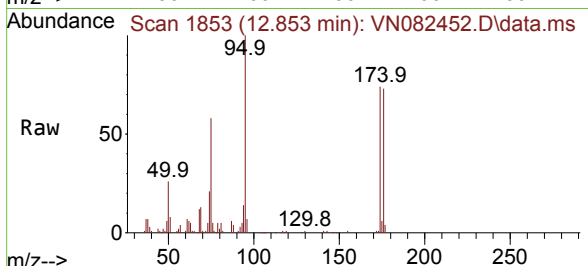




#62
4-Bromofluorobenzene
Concen: 51.620 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

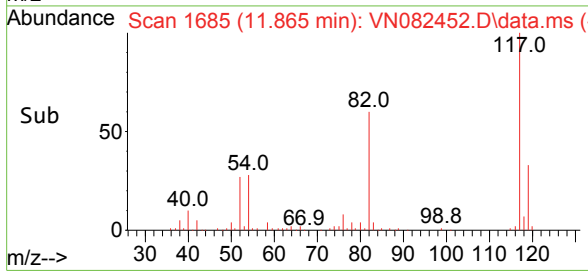
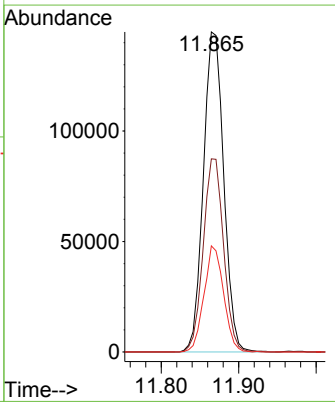
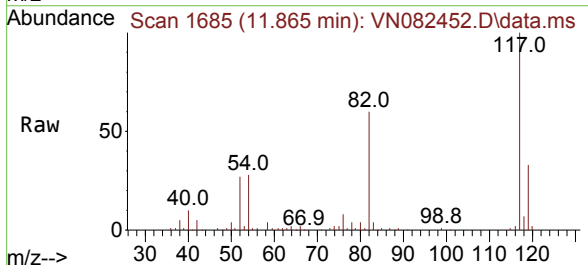
Instrument :
MSVOA_N
ClientSampleId :

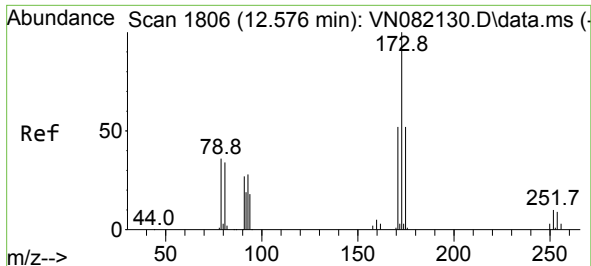
Tgt Ion:	95	Resp:	121065
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	160.6
176	73.5	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

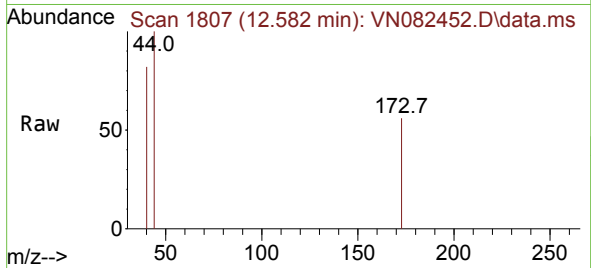
Tgt Ion:	117	Resp:	264536
Ion Ratio	Lower	Upper	
117	100		
82	60.4	44.6	66.8
119	33.1	25.9	38.9



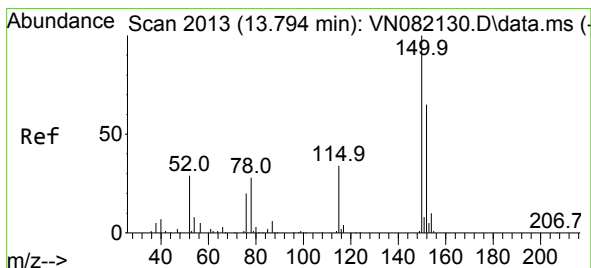
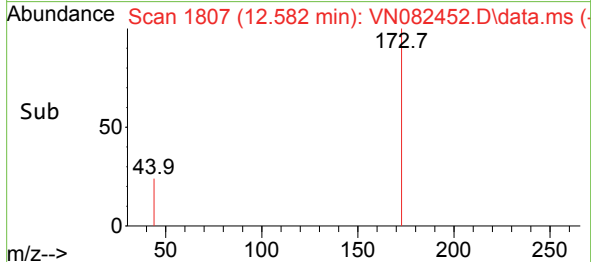
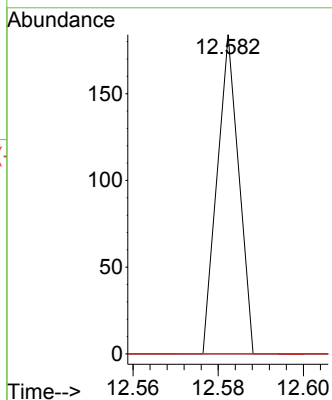


#71
Bromoform
Concen: 0.743 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :

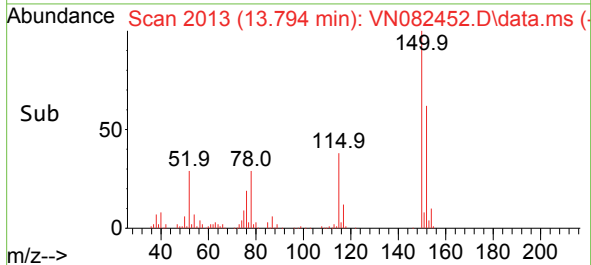
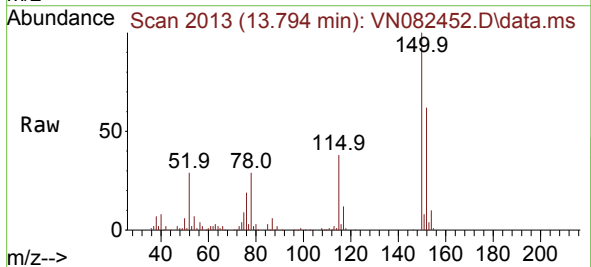
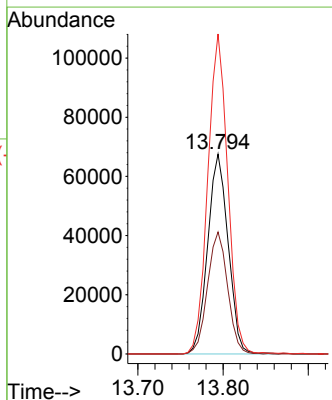


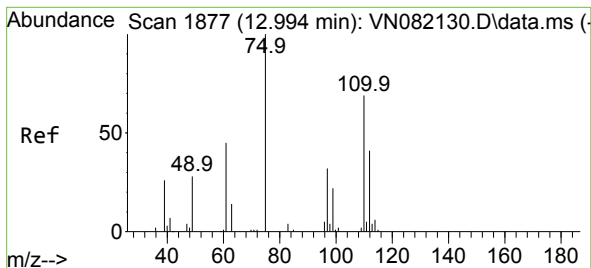
Tgt Ion:173 Resp: 65
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Tgt Ion:152 Resp: 112638
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 156.1 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 29.444 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082452.D

Acq: 04 Jun 2024 10:59

Instrument :

MSVOA_N

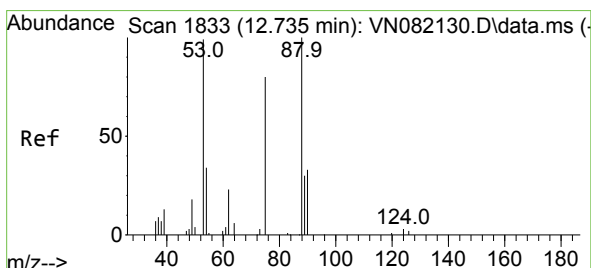
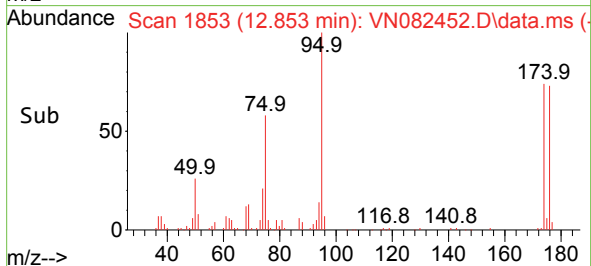
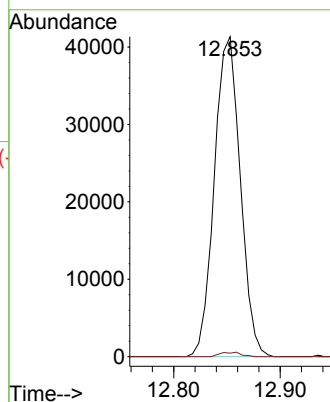
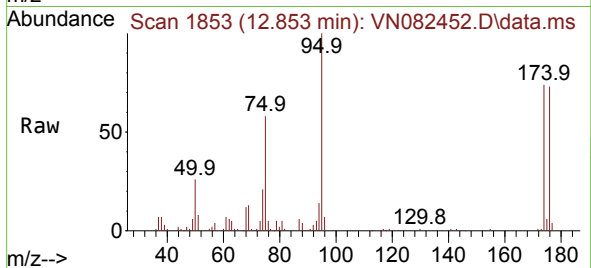
ClientSampleId :

Tgt Ion: 75 Resp: 69805

Ion Ratio Lower Upper

75 100

77 1.1 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.869 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082452.D

Acq: 04 Jun 2024 10:59

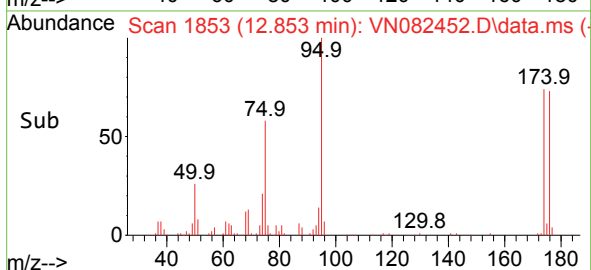
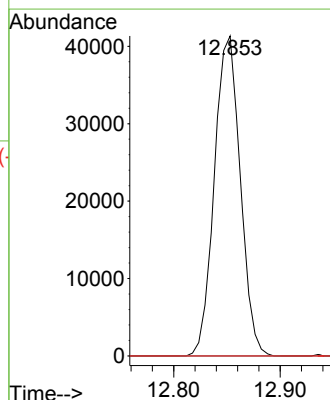
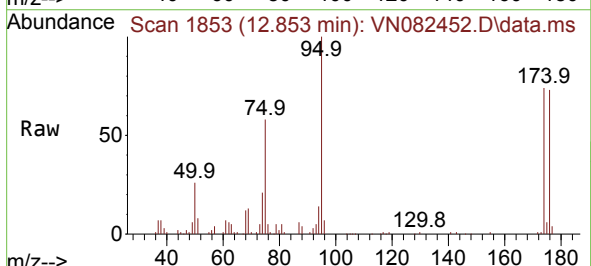
Tgt Ion: 75 Resp: 69805

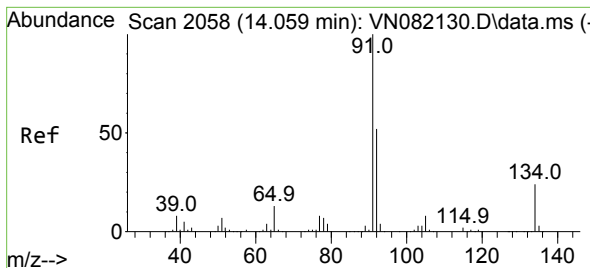
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

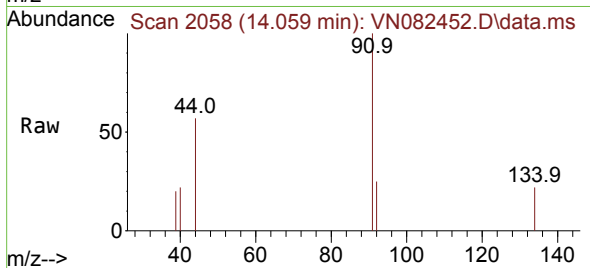
89 0.0 39.1 58.7#



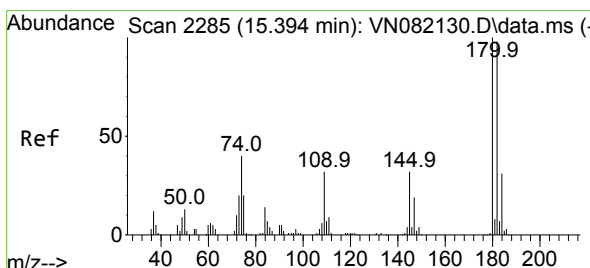
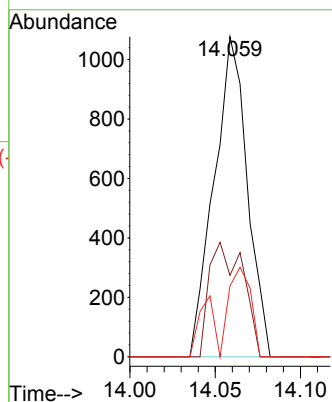
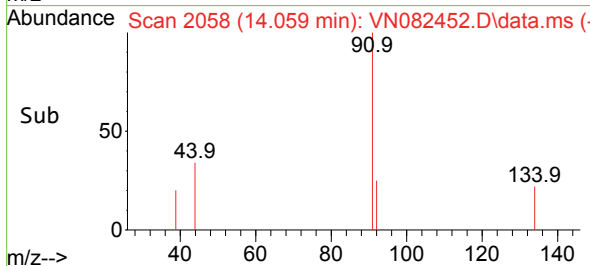


#89
n-Butylbenzene
Concen: 0.228 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

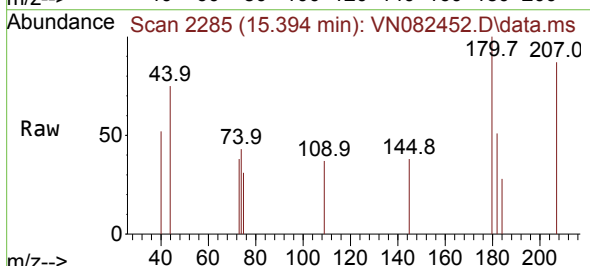
Instrument :
MSVOA_N
ClientSampleId :



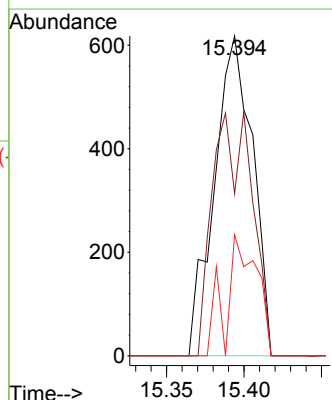
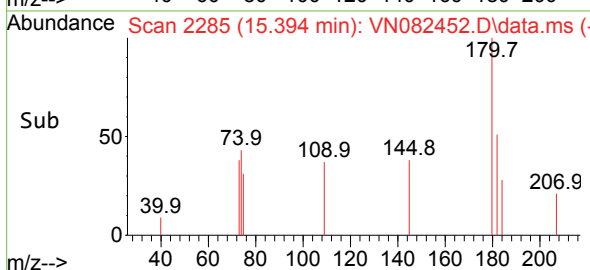
Tgt Ion: 91 Resp: 1459
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.5#
134 18.6 13.2 39.5

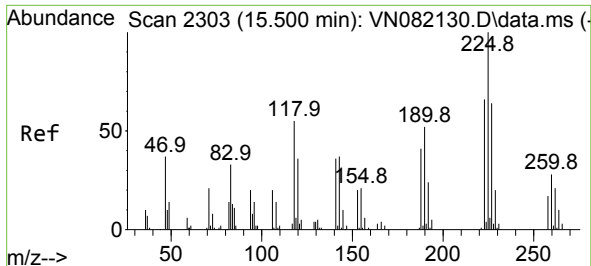


#93
1,2,4-Trichlorobenzene
Concen: 0.519 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59



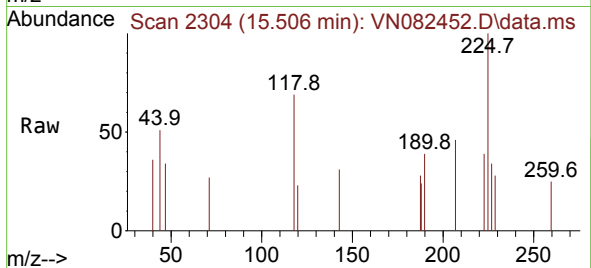
Tgt Ion: 180 Resp: 1063
Ion Ratio Lower Upper
180 100
182 78.0 46.7 140.0
145 30.3 16.2 48.6



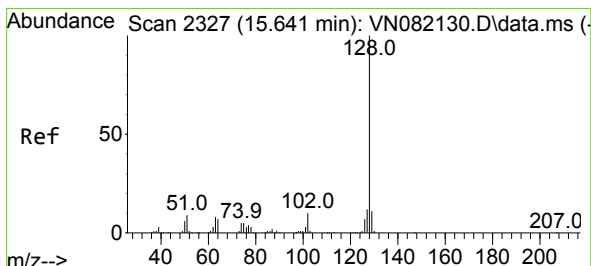
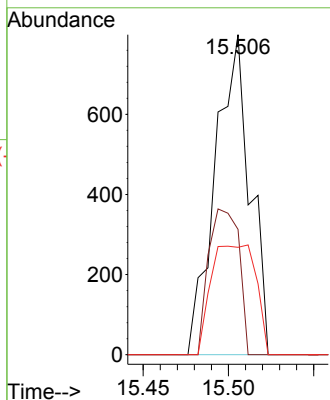
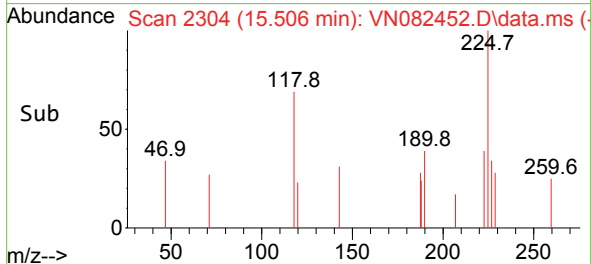


#94
Hexachlorobutadiene
Concen: 1.257 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :

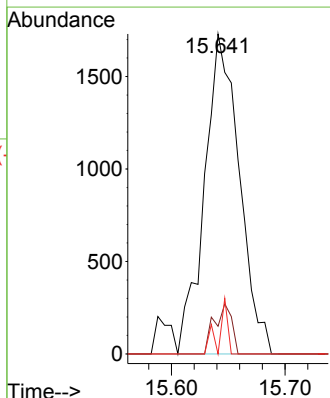
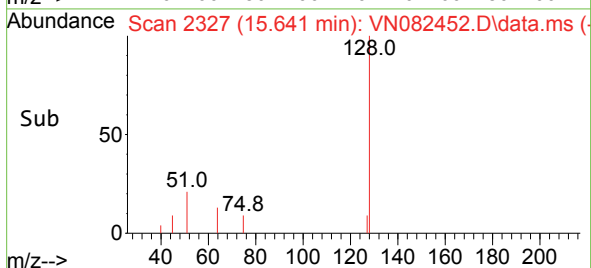
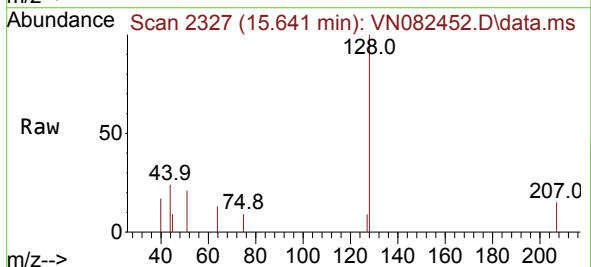


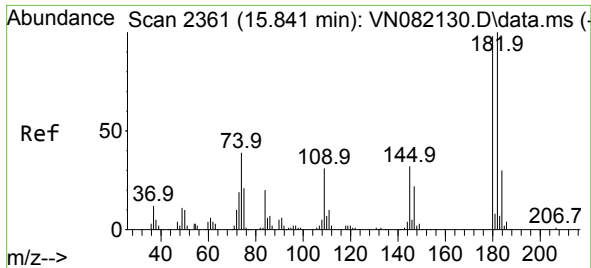
Tgt Ion:225 Resp: 1131
Ion Ratio Lower Upper
225 100
223 39.9 31.1 93.2
227 44.1 30.6 91.6



#95
Naphthalene
Concen: 0.574 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082452.D
Acq: 04 Jun 2024 10:59

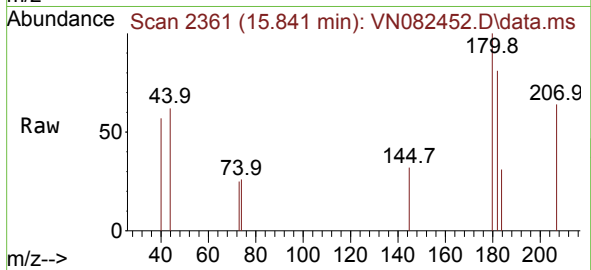
Tgt Ion:128 Resp: 3688
Ion Ratio Lower Upper
128 100
127 7.9 10.1 15.1#
129 4.4 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.659 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN082452.D
 Acq: 04 Jun 2024 10:59

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1353
 Ion Ratio Lower Upper
 180 100
 182 99.1 46.0 137.8
 145 35.1 17.1 51.3

