

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082507.D
 Acq On : 10 Jun 2024 11:20
 Operator : JC\MD
 Sample : VN0610MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 01:03:27 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)

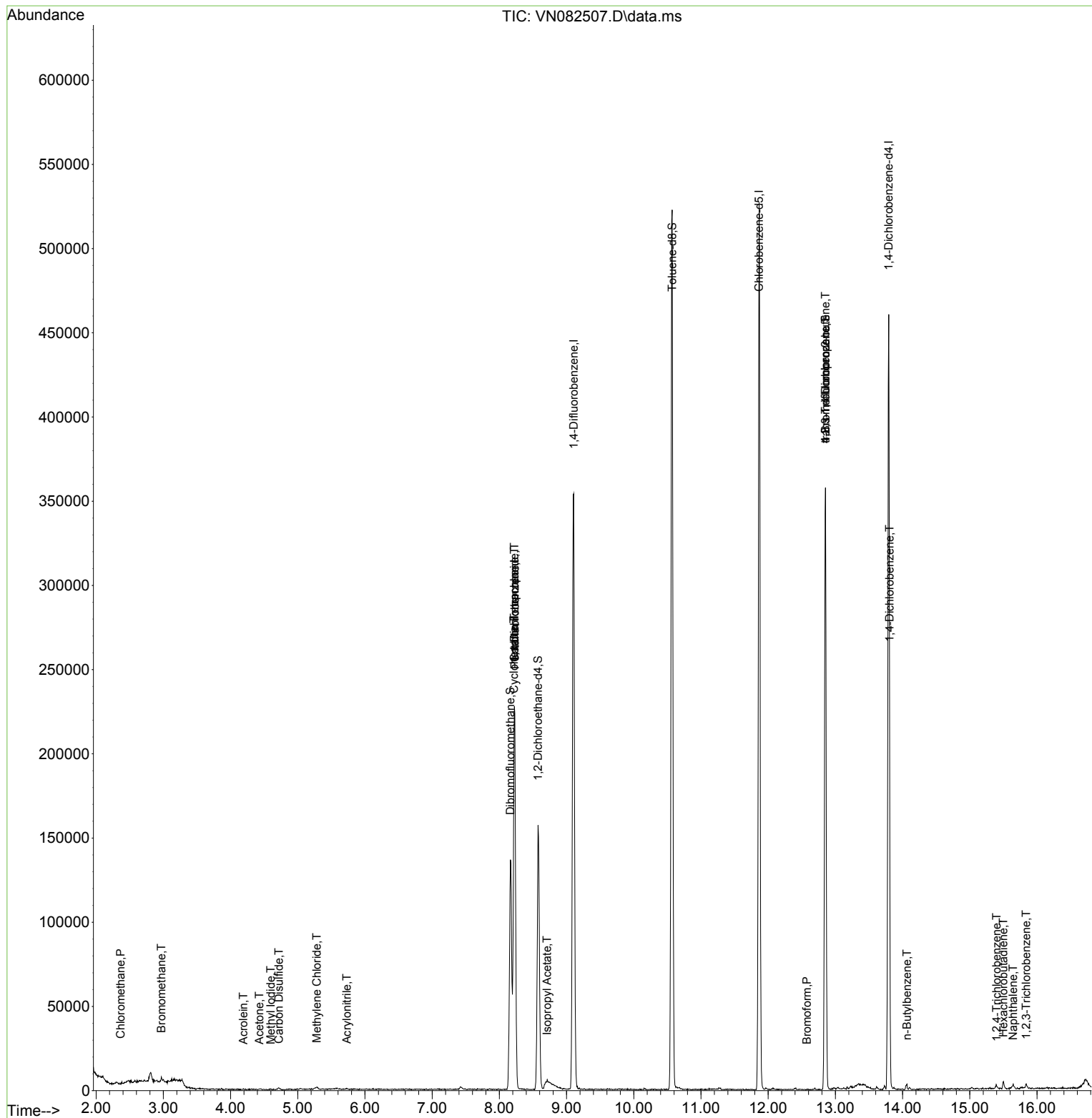
Internal Standards						
1) Pentafluorobenzene	8.229	168	160866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	128803	50.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.420%			
35) Dibromofluoromethane	8.165	113	94241	52.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	10.570	98	348398	50.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.853	95	111884	45.594	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.180%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	673	0.256	ug/l #	43
5) Bromomethane	2.971	94	1225	0.862	ug/l	95
10) Methyl Iodide	4.600	142	729	0.384	ug/l #	40
13) Acrolein	4.189	56	275	0.910	ug/l #	39
15) Acrylonitrile	5.730	53	304	0.288	ug/l #	70
16) Acetone	4.430	43	360	0.345	ug/l #	43
17) Carbon Disulfide	4.718	76	2261	0.398	ug/l #	74
20) Methylene Chloride	5.283	84	949	0.451	ug/l #	77
31) Cyclohexane	8.218	56	5084	1.253	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	14429	4.798	ug/l #	48
38) Carbon Tetrachloride	8.224	117	16936	5.555	ug/l #	18
43) Isopropyl Acetate	8.712	43	6601	1.107	ug/l #	52
71) Bromoform	12.576	173	60	0.738	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	65648	26.301	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65648	61.518	ug/l #	12
88) 1,4-Dichlorobenzene	13.806	146	1013	0.244	ug/l #	1
89) n-Butylbenzene	14.064	91	1860	0.276	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	1046	0.485	ug/l #	82
94) Hexachlorobutadiene	15.500	225	994	1.050	ug/l	94
95) Naphthalene	15.647	128	3296	0.487	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.841	180	1160	0.537	ug/l	83

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

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Acq On : 10 Jun 2024 11:20
Operator : JC\MD
Sample : VN0610MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 11 01:03:27 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

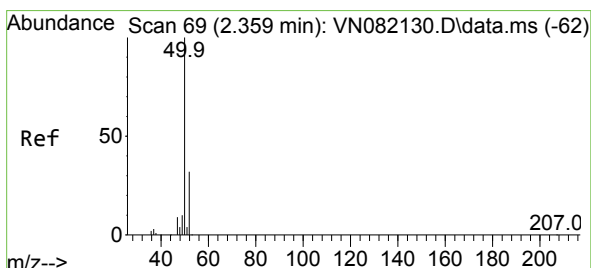
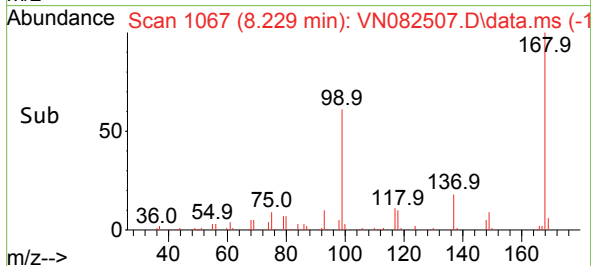
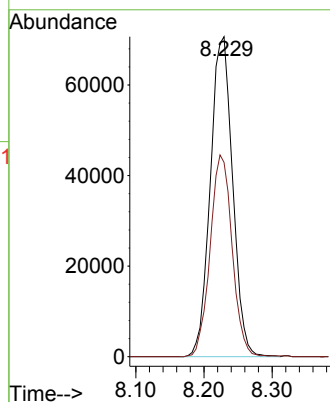
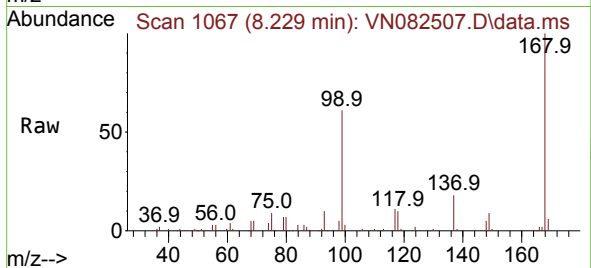




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

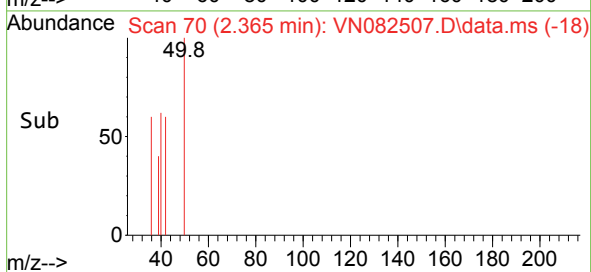
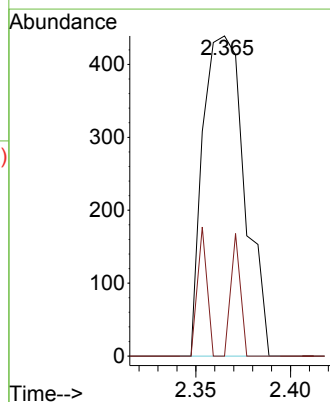
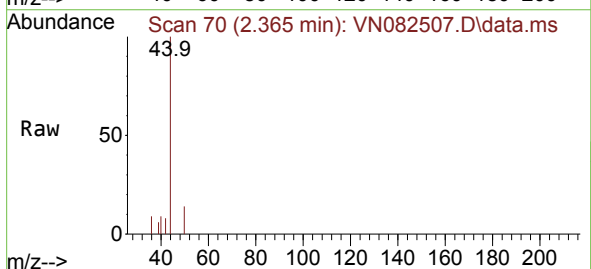
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 160866
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#3
Chloromethane
Concen: 0.256 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

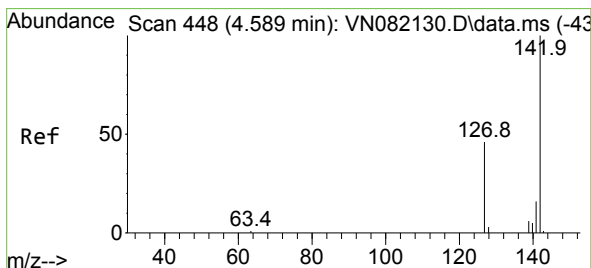
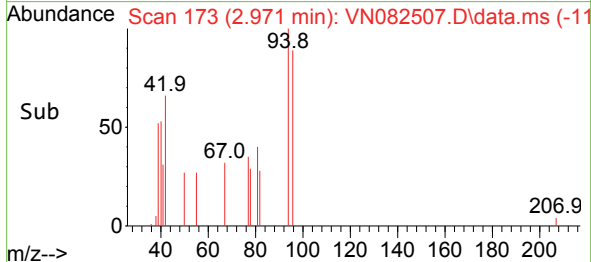
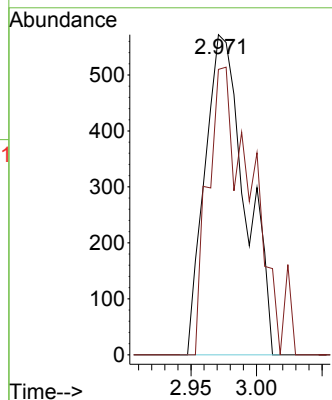
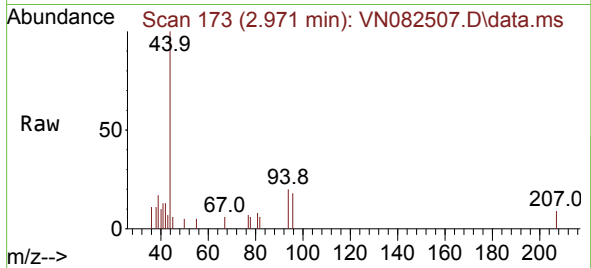




#5
Bromomethane
Concen: 0.862 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

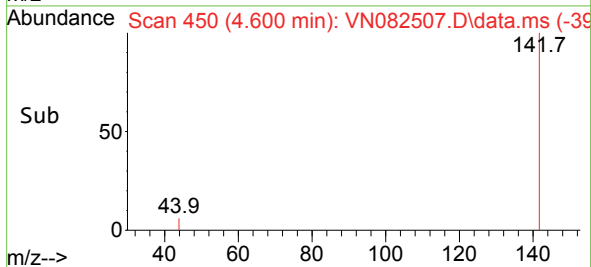
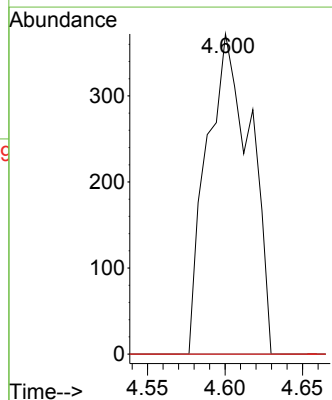
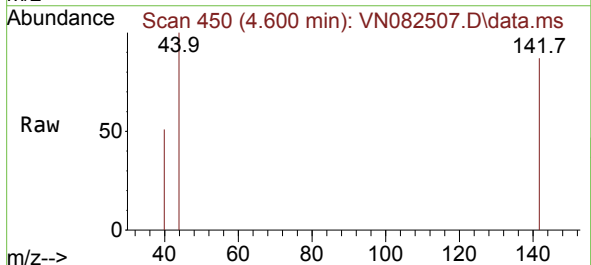
Instrument :
MSVOA_N
ClientSampleId :

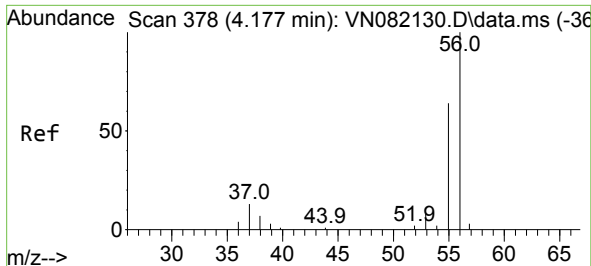
Tgt Ion: 94 Resp: 1225
Ion Ratio Lower Upper
94 100
96 89.2 74.8 112.2



#10
Methyl Iodide
Concen: 0.384 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

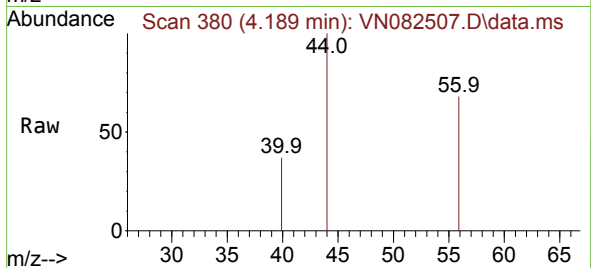
Tgt Ion: 142 Resp: 729
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



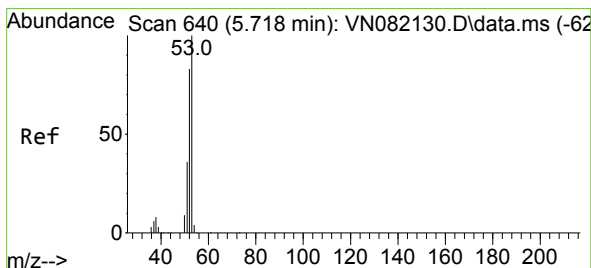
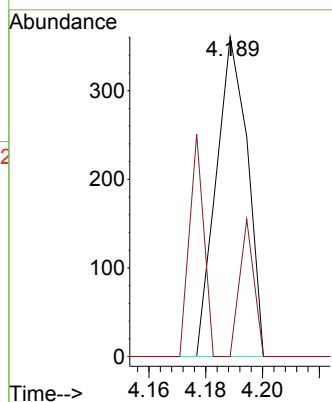


#13
Acrolein
Concen: 0.910 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Instrument :
MSVOA_N
ClientSampleId :

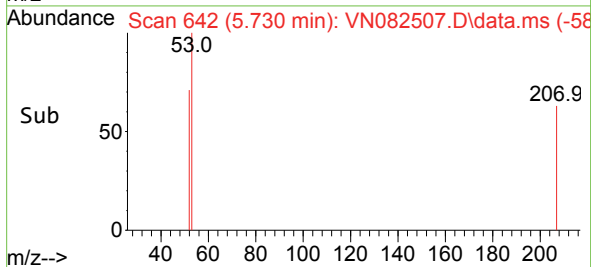
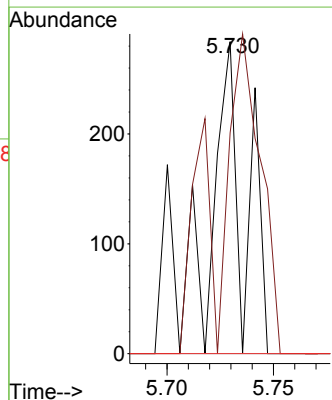
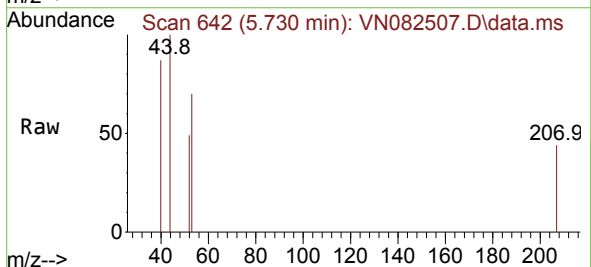


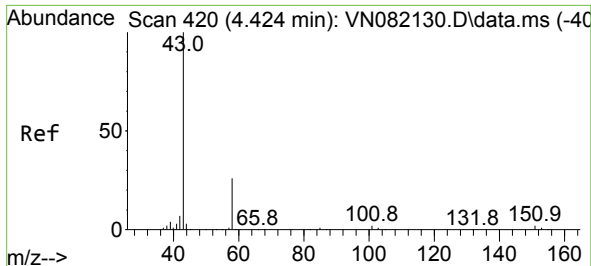
Tgt Ion: 56 Resp: 275
Ion Ratio Lower Upper
56 100
55 20.0 55.8 83.8#



#15
Acrylonitrile
Concen: 0.288 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Tgt Ion: 53 Resp: 304
Ion Ratio Lower Upper
53 100
52 97.4 66.1 99.1
51 0.0 29.4 44.2#

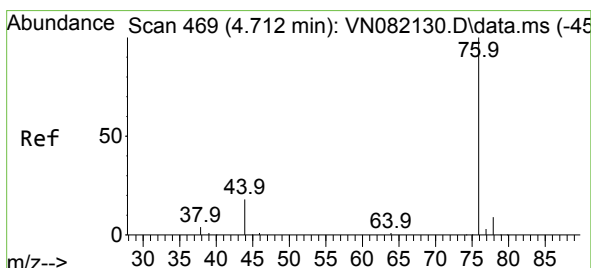
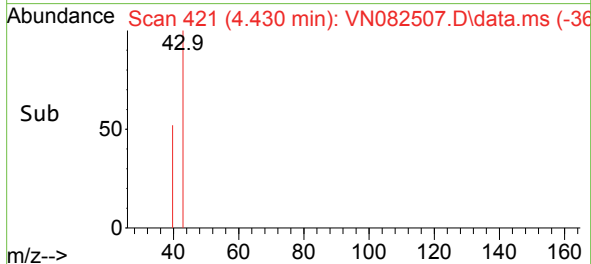
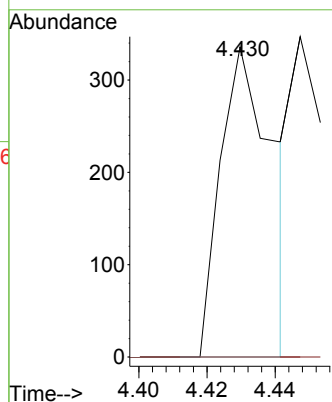
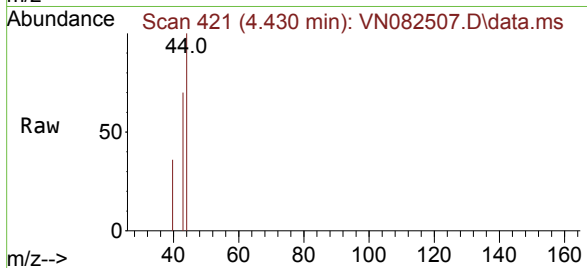




#16
Acetone
Concen: 0.345 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

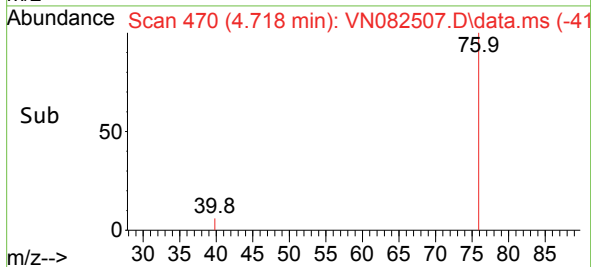
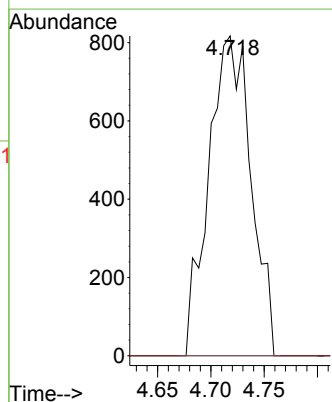
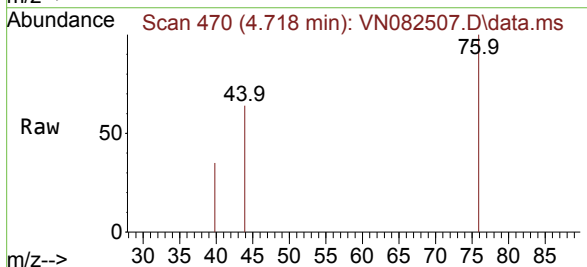
Instrument :
MSVOA_N
ClientSampleId :

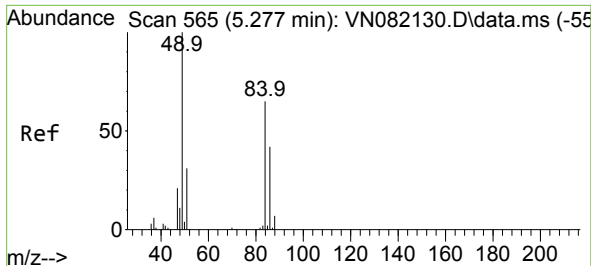
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

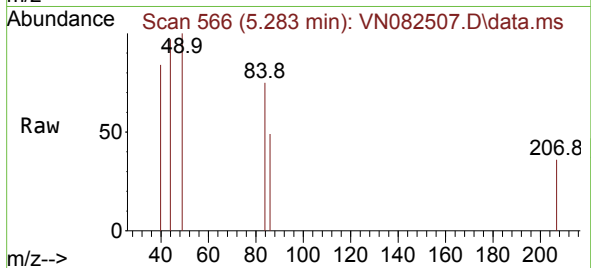
Tgt Ion: 76 Resp: 2261
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



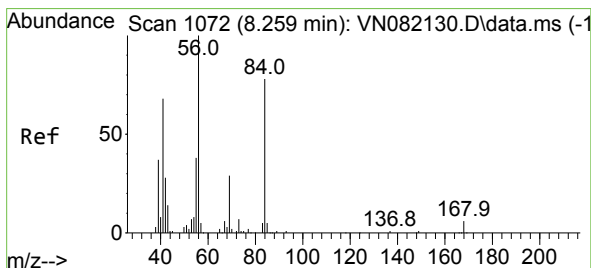
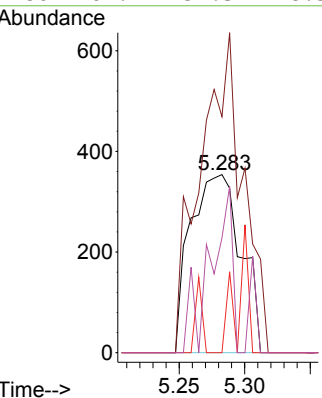
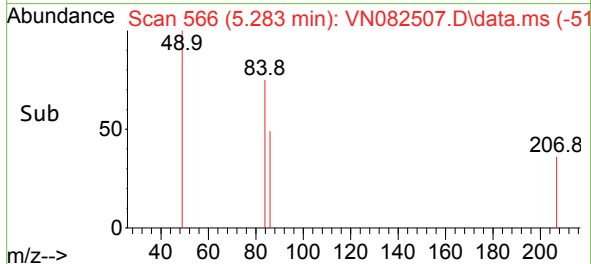


#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

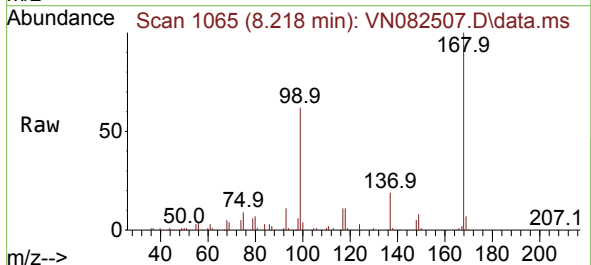
Instrument :
MSVOA_N
ClientSampleId :



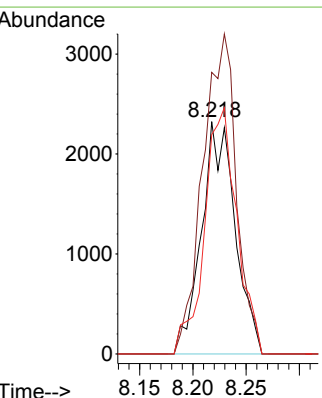
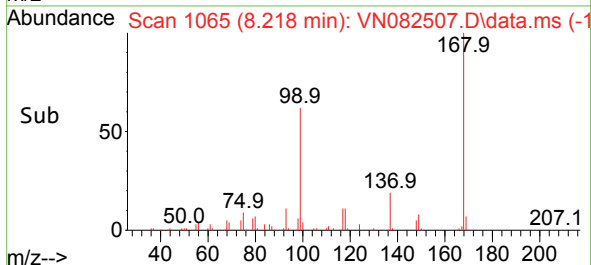
Tgt Ion:	84	Resp:	949
Ion	Ratio	Lower	Upper
84	100		
49	132.5	84.9	127.3#
51	0.0	27.0	40.6#
86	64.4	52.3	78.5

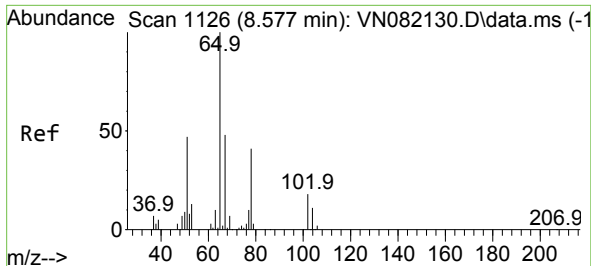


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20



Tgt Ion:	56	Resp:	5084
Ion	Ratio	Lower	Upper
56	100		
69	121.2	24.4	36.6#
84	94.4	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 50.708 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082507.D

Acq: 10 Jun 2024 11:20

Instrument :

MSVOA_N

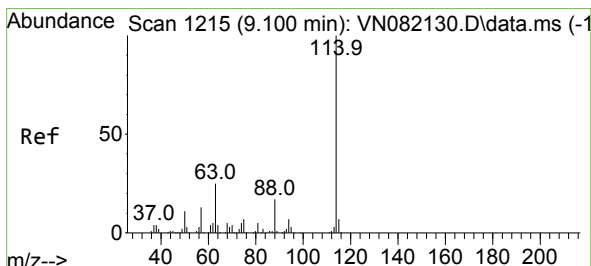
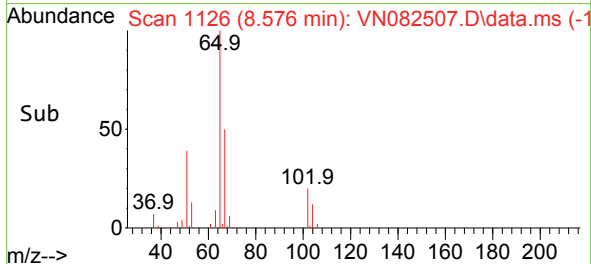
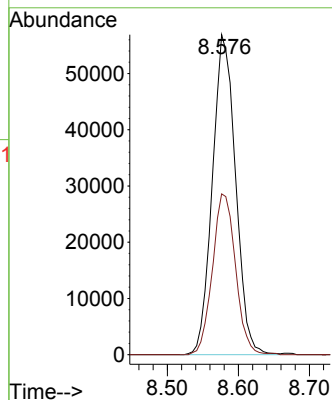
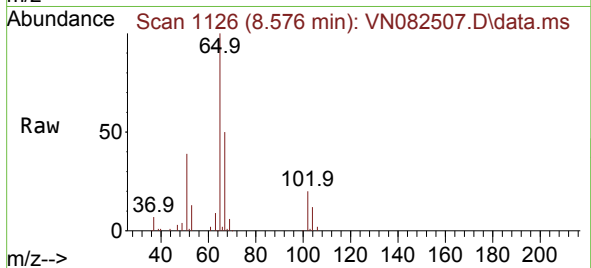
ClientSampleId :

Tgt Ion: 65 Resp: 128803

Ion Ratio Lower Upper

65 100

67 50.1 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: VN082507.D

Acq: 10 Jun 2024 11:20

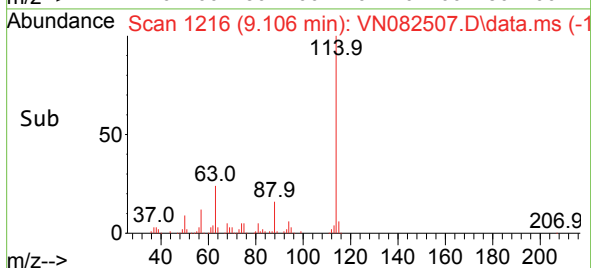
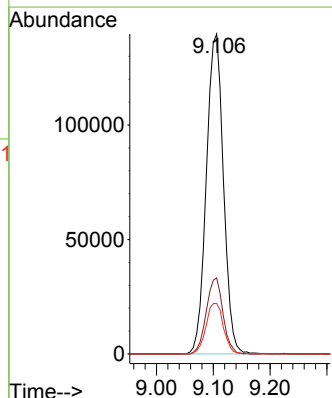
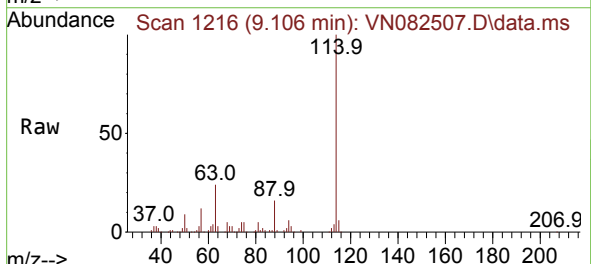
Tgt Ion: 114 Resp: 291514

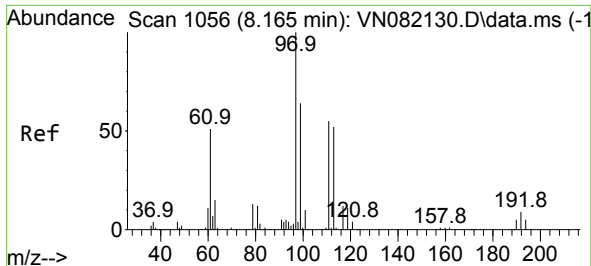
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 15.8 0.0 31.4

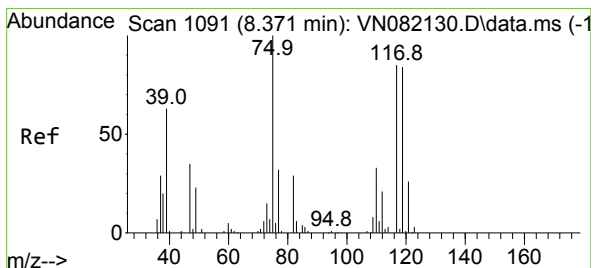
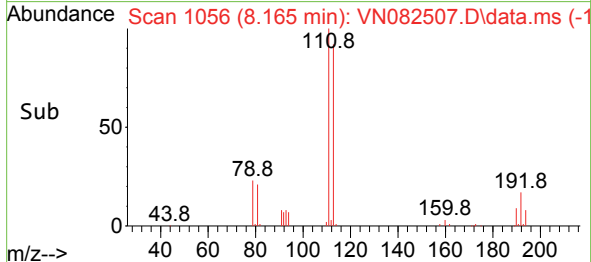
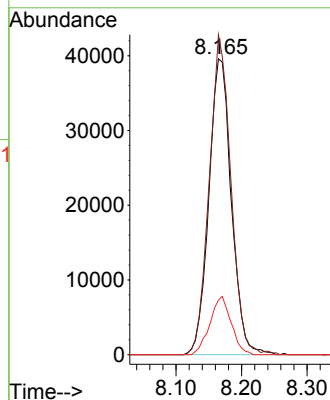
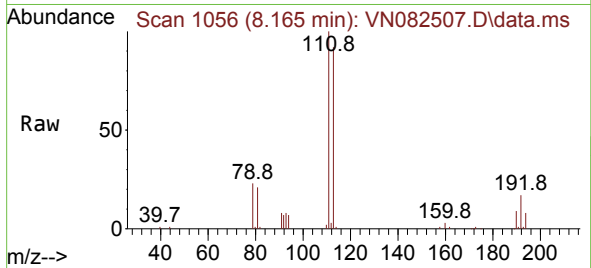




#35
Dibromofluoromethane
Concen: 52.553 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

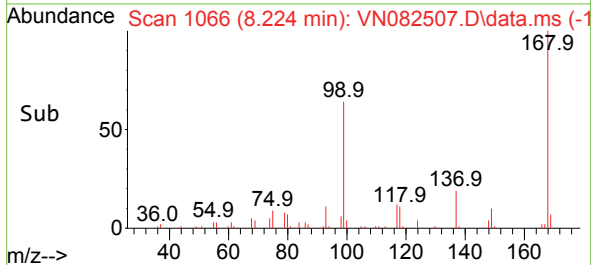
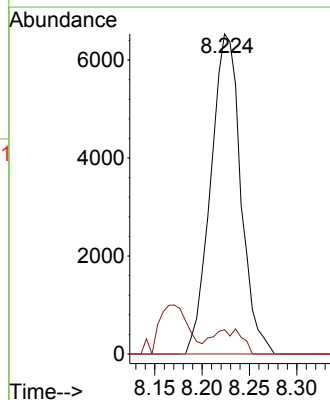
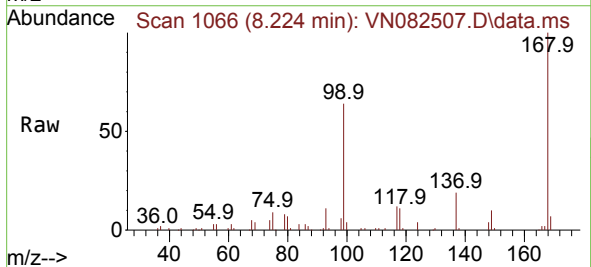
Instrument :
MSVOA_N
ClientSampleId :

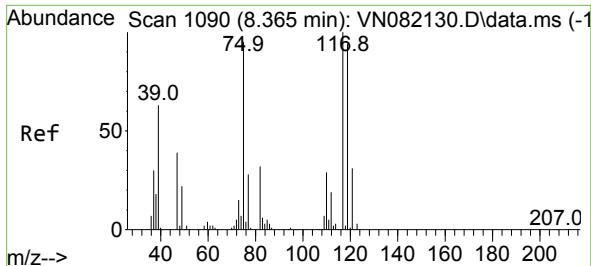
Tgt Ion:113 Resp: 94241
Ion Ratio Lower Upper
113 100
111 104.6 83.4 125.2
192 18.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

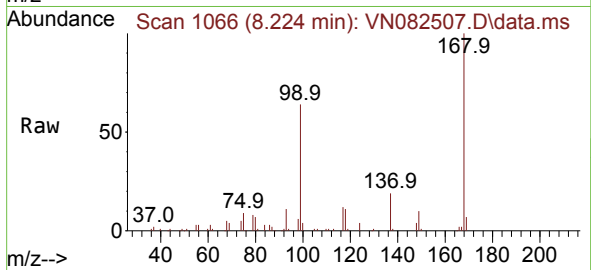
Tgt Ion: 75 Resp: 14429
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.5#
77 0.0 25.0 37.4#



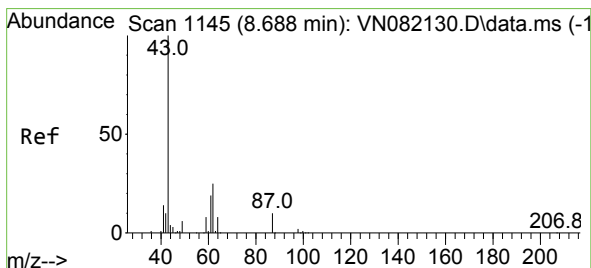
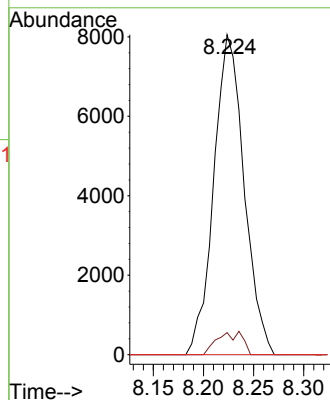
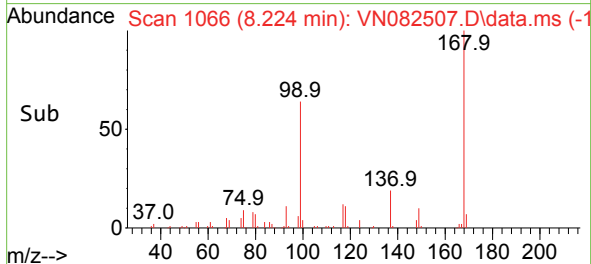


#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

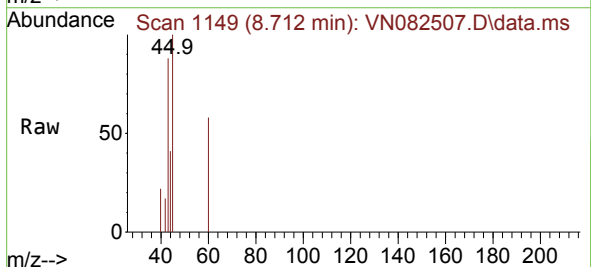
Instrument :
MSVOA_N
ClientSampleId :



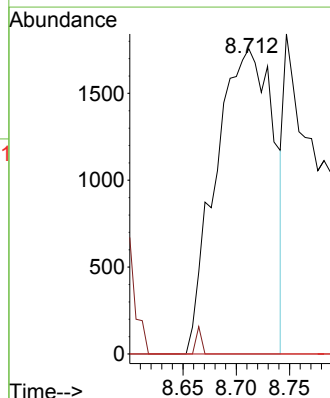
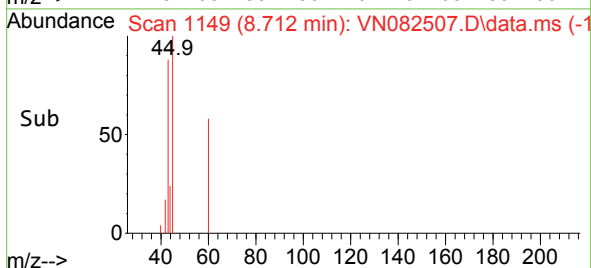
Tgt Ion:117 Resp: 16936
Ion Ratio Lower Upper
117 100
119 6.9 76.5 114.7#
121 0.0 23.9 35.9#

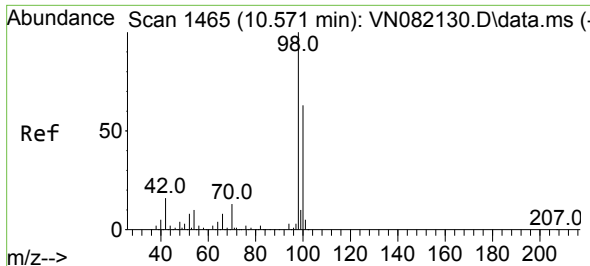


#43
Isopropyl Acetate
Concen: 1.107 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.023 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20



Tgt Ion: 43 Resp: 6601
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

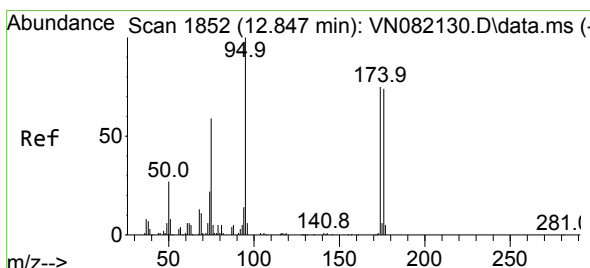
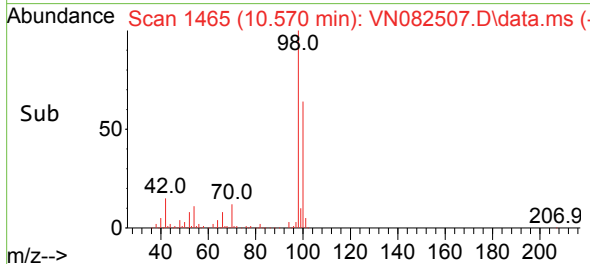
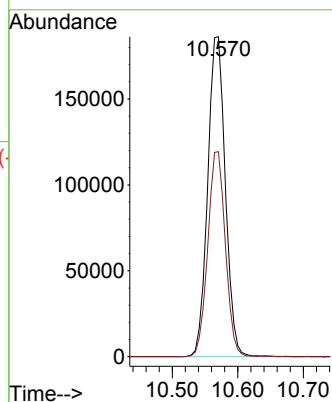
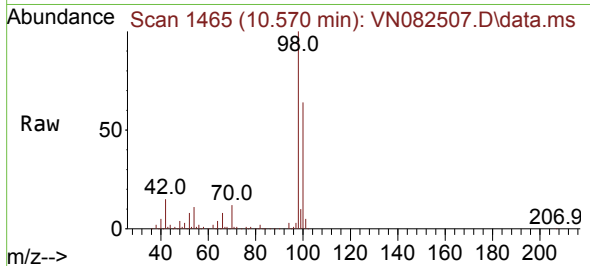




#50
Toluene-d8
Concen: 50.674 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

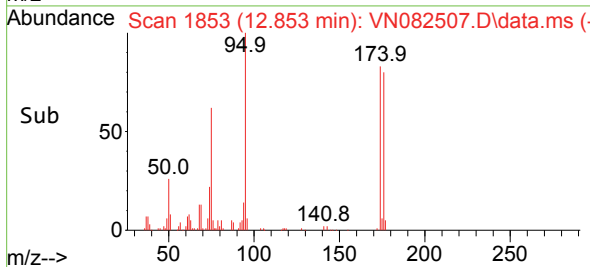
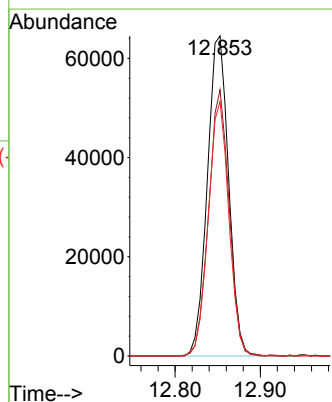
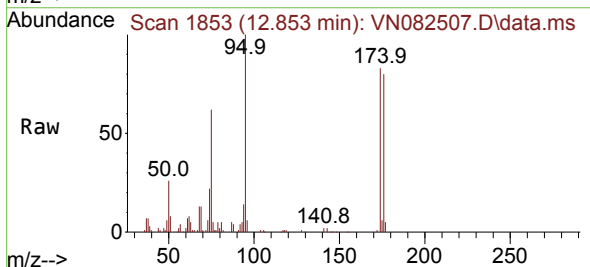
Instrument :
MSVOA_N
ClientSampleId :

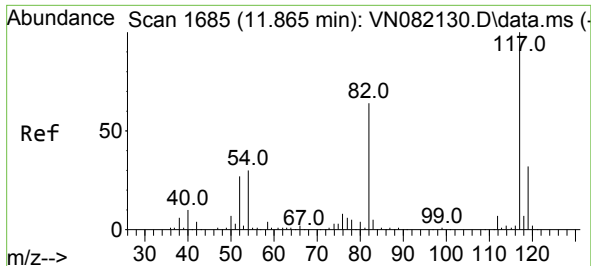
Tgt Ion: 98 Resp: 348398
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.594 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

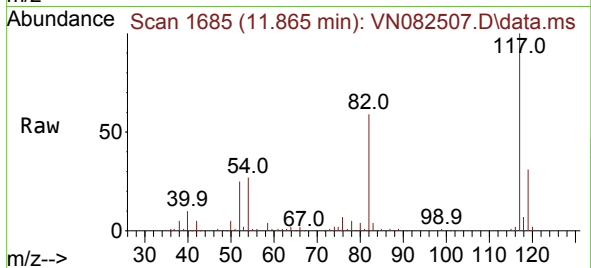
Tgt Ion: 95 Resp: 111884
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.6
176 76.8 0.0 152.8



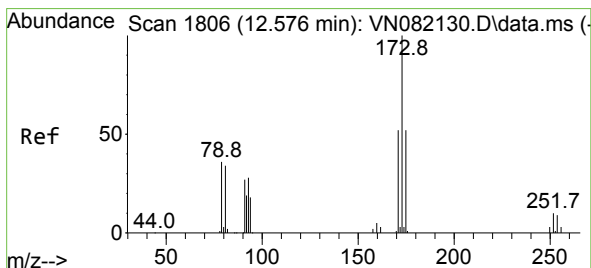
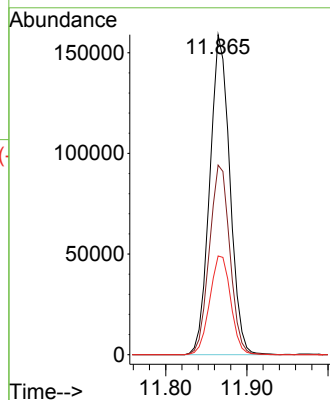
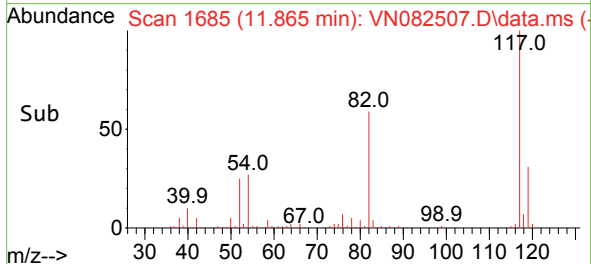


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Instrument :
MSVOA_N
ClientSampleId :

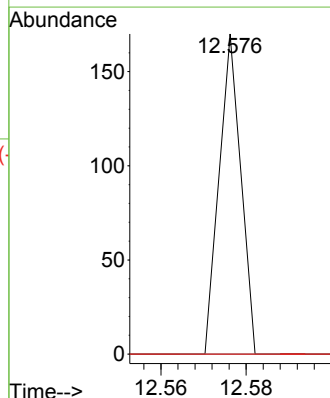
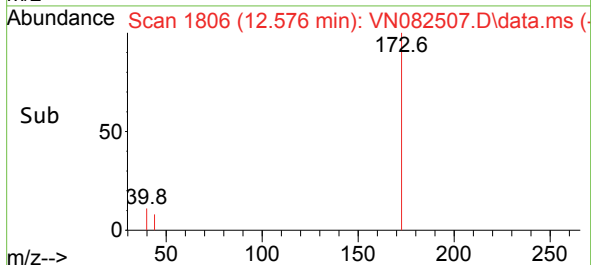
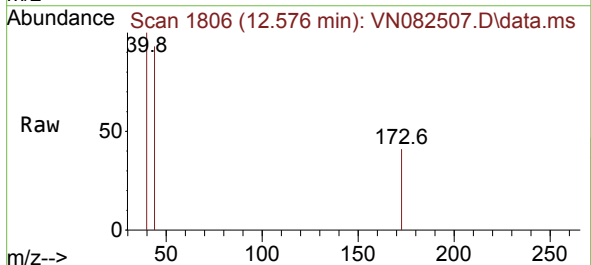


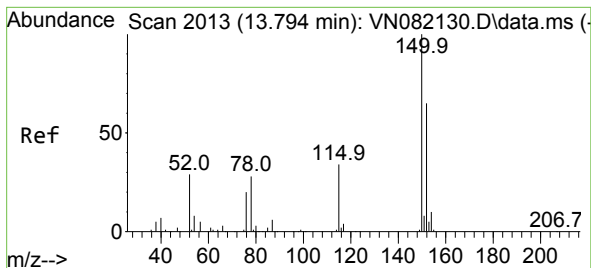
Tgt Ion:117 Resp: 273226
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 30.9 25.9 38.9



#71
Bromoform
Concen: 0.738 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

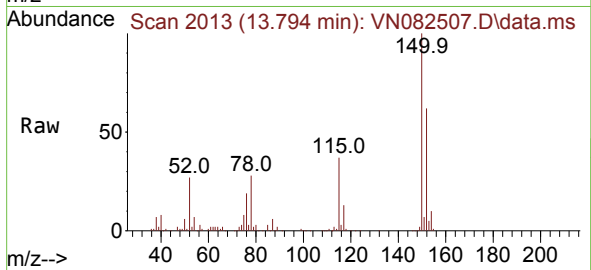
Tgt Ion:173 Resp: 60
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



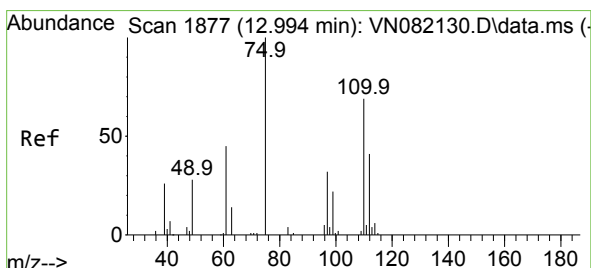
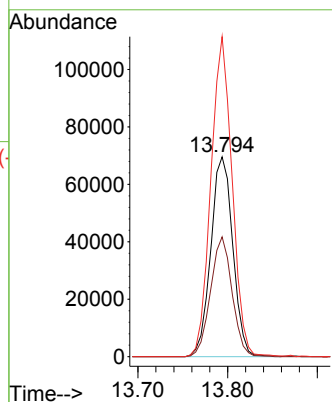
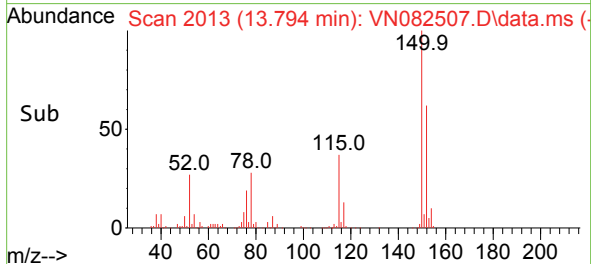


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Instrument :
MSVOA_N
ClientSampleId :

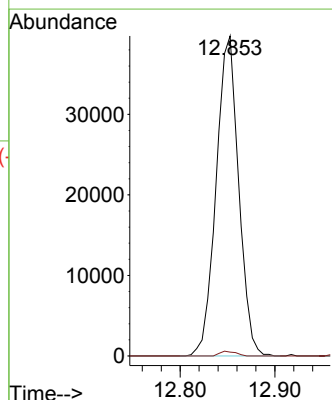
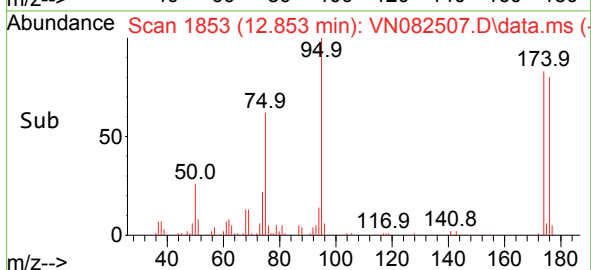
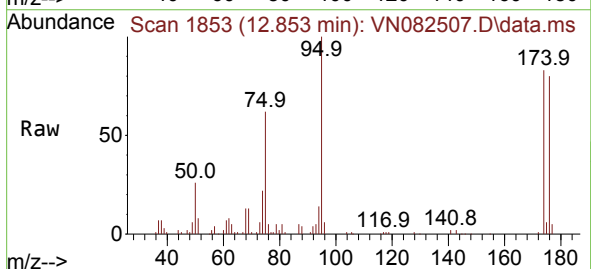


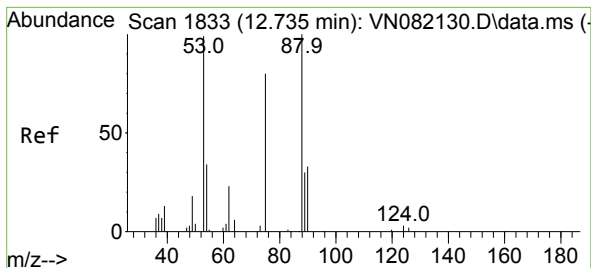
Tgt Ion:152 Resp: 118588
Ion Ratio Lower Upper
152 100
115 58.5 30.4 91.3
150 154.5 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 26.301 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Tgt Ion: 75 Resp: 65648
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#

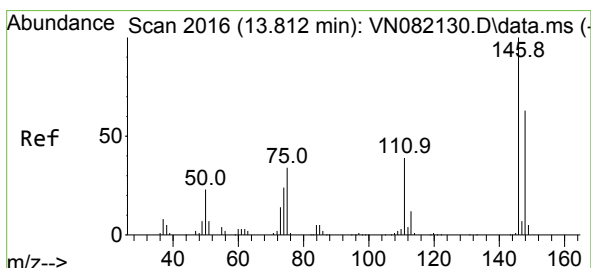
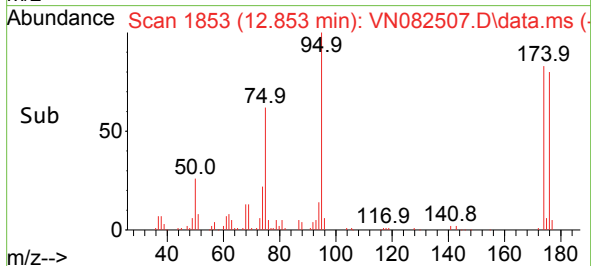
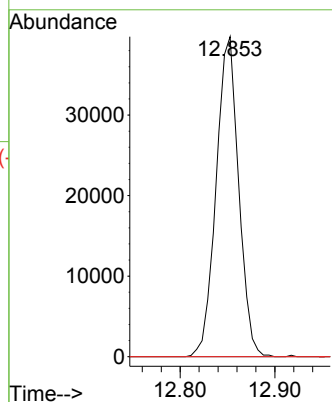
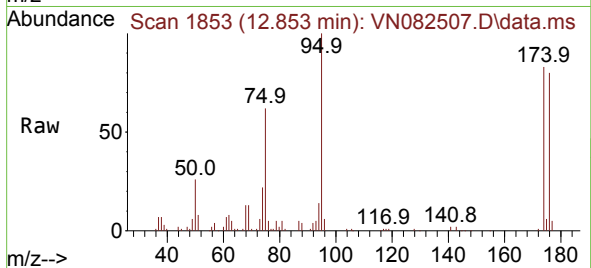




#81
trans-1,4-Dichloro-2-butene
Concen: 61.518 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.117 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

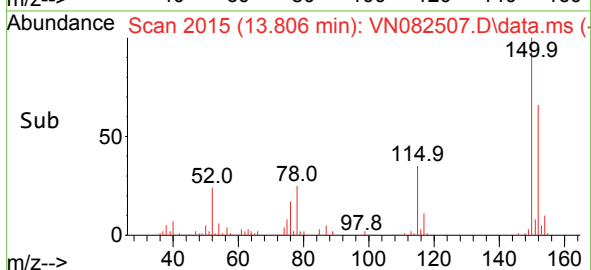
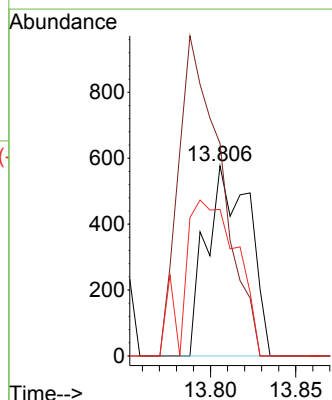
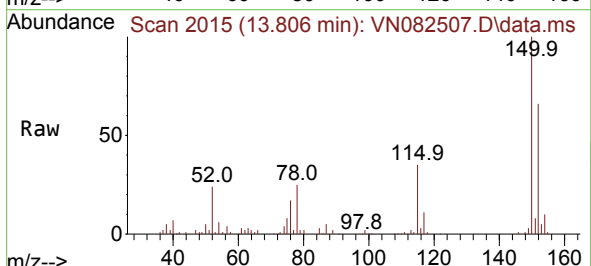
Instrument :
MSVOA_N
ClientSampleId :

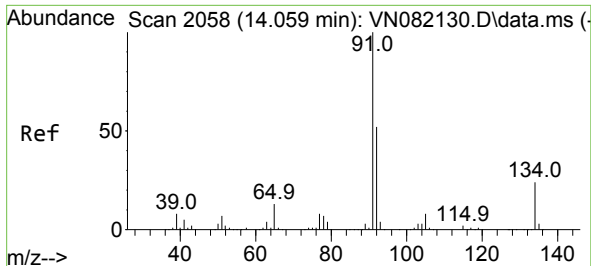
Tgt Ion: 75 Resp: 65648
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#88
1,4-Dichlorobenzene
Concen: 0.244 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Tgt Ion: 146 Resp: 1013
Ion Ratio Lower Upper
146 100
111 167.6 19.3 57.9#
148 100.2 31.3 93.9#

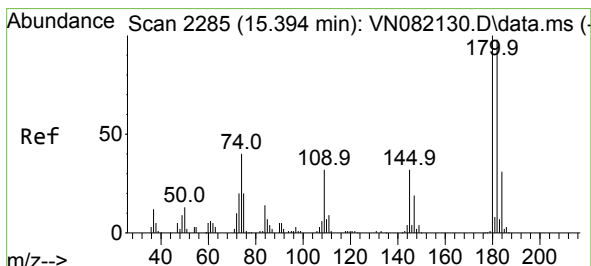
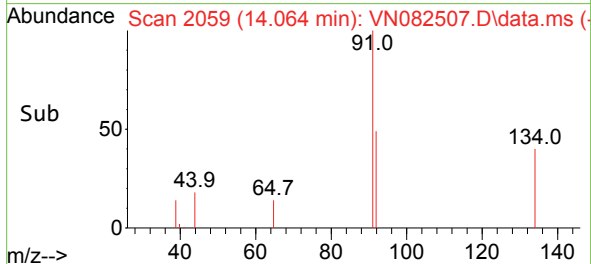
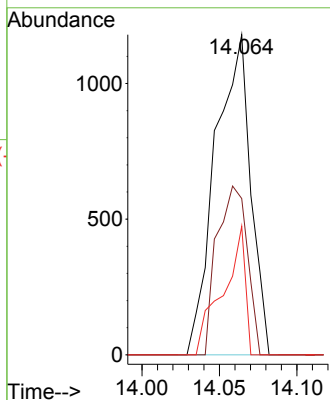
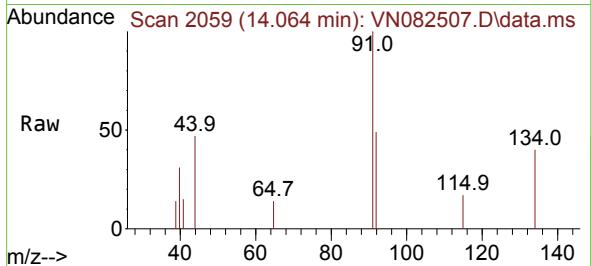




#89
n-Butylbenzene
Concen: 0.276 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

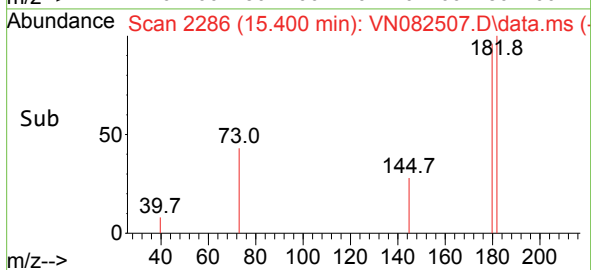
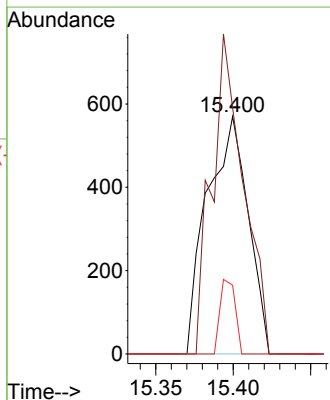
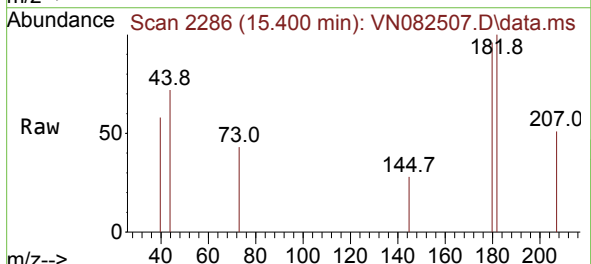
Instrument :
MSVOA_N
ClientSampleId :

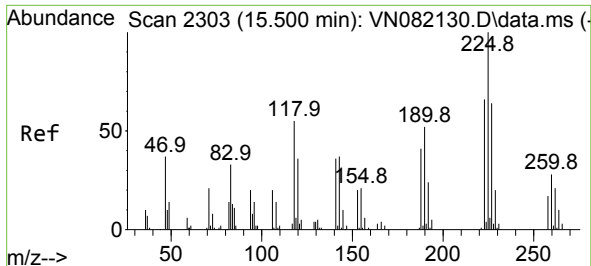
Tgt Ion: 91	Resp:	1860
Ion Ratio	Lower	Upper
91	100	
92	45.2	26.2 78.5
134	25.5	13.2 39.5



#93
1,2,4-Trichlorobenzene
Concen: 0.485 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

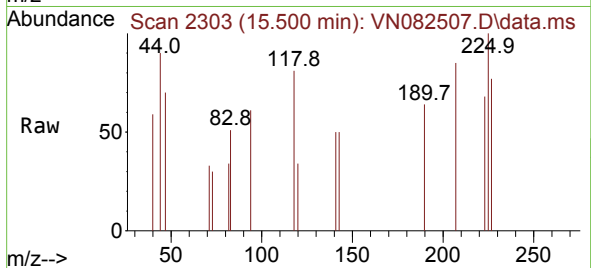
Tgt Ion: 180	Resp:	1046
Ion Ratio	Lower	Upper
180	100	
182	104.6	46.7 140.0
145	11.6	16.2 48.6#



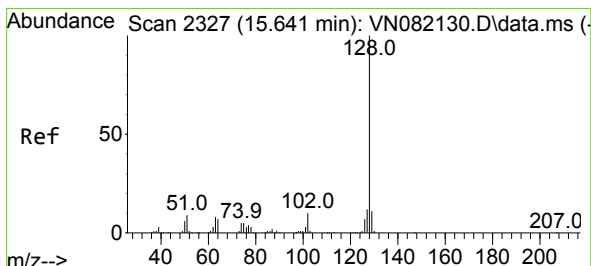
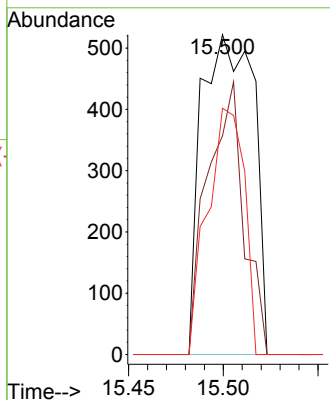
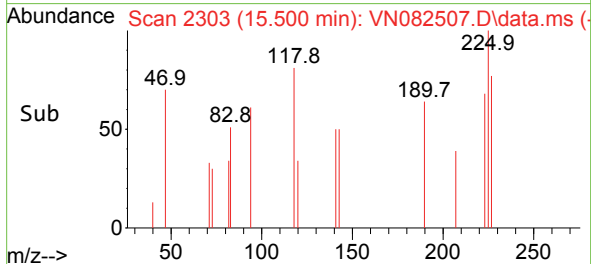


#94
Hexachlorobutadiene
Concen: 1.050 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

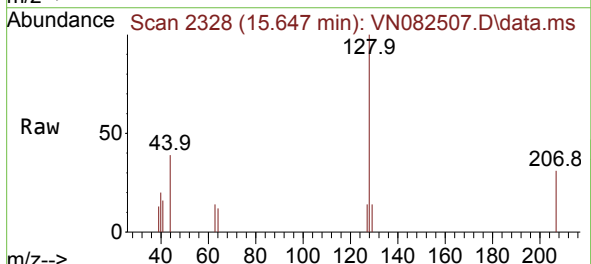
Instrument :
MSVOA_N
ClientSampleId :



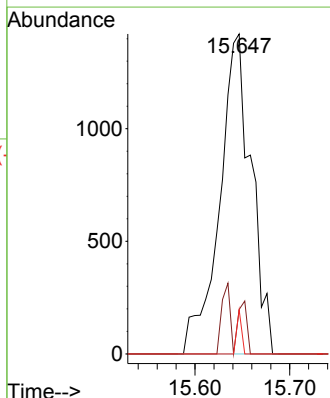
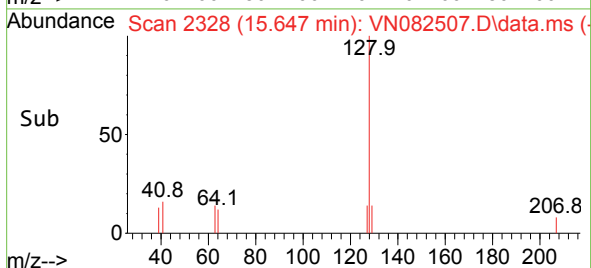
Tgt Ion:225 Resp: 994
Ion Ratio Lower Upper
225 100
223 59.6 31.1 93.2
227 54.7 30.6 91.6

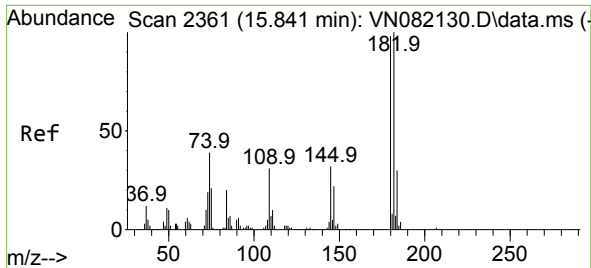


#95
Naphthalene
Concen: 0.487 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20



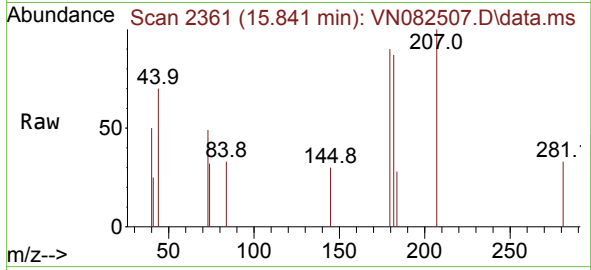
Tgt Ion:128 Resp: 3296
Ion Ratio Lower Upper
128 100
127 5.9 10.1 15.1#
129 2.1 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.537 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082507.D
 Acq: 10 Jun 2024 11:20

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1160
Ion Ratio	Lower	Upper	
180	100		
182	79.9	46.0	137.8
145	17.3	17.1	51.3

