

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082427.D
 Acq On : 03 Jun 2024 12:10
 Operator : JC\MD
 Sample : VN0603WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 00:25:43 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)

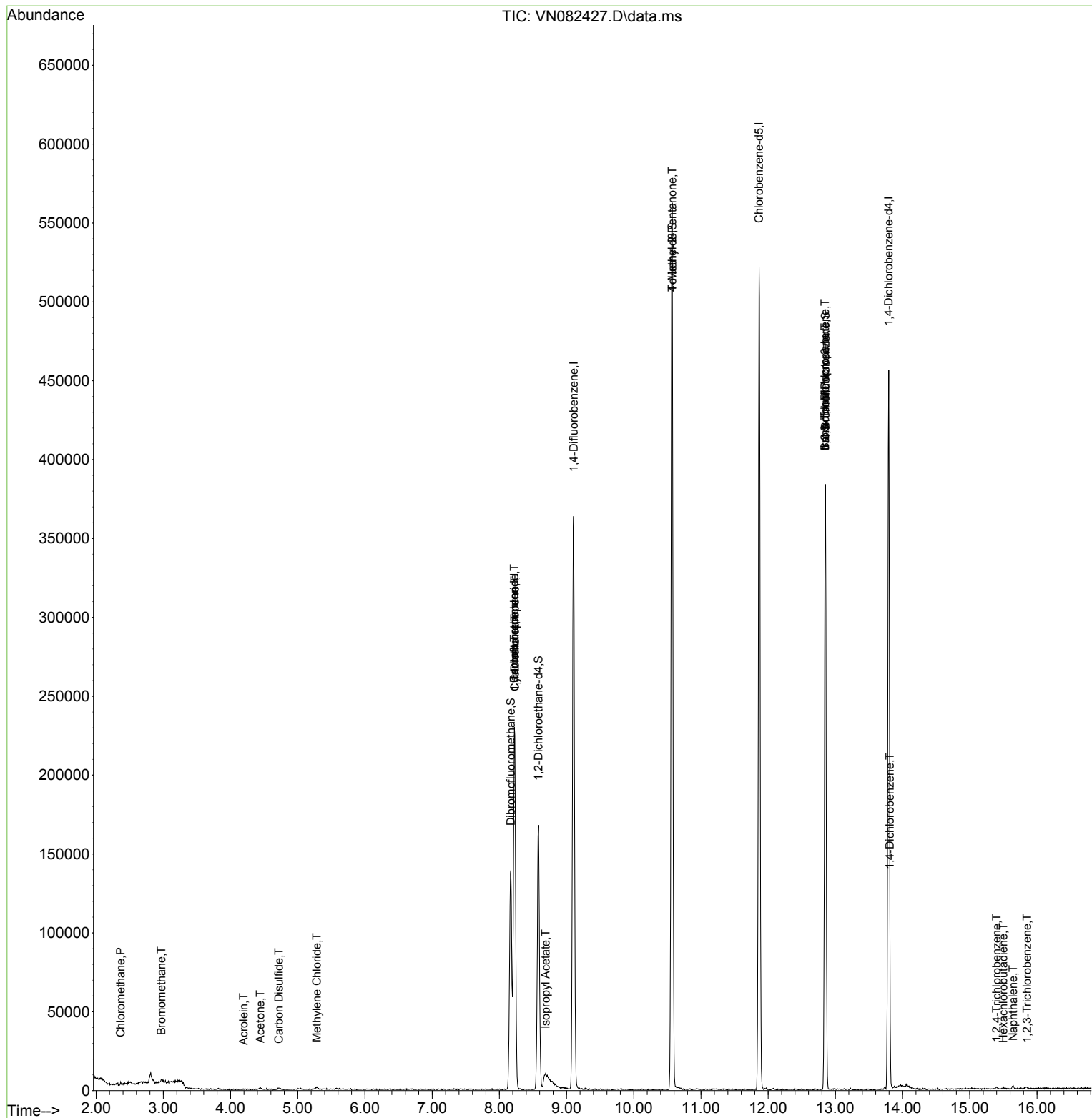
Internal Standards						
1) Pentafluorobenzene	8.224	168	160117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136491	53.986	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.980%			
35) Dibromofluoromethane	8.171	113	96623	54.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.640%			
50) Toluene-d8	10.571	98	373942	54.834	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.660%			
62) 4-Bromofluorobenzene	12.853	95	123557	50.762	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.520%			
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	917	0.351	ug/l	93
5) Bromomethane	2.971	94	1207	0.854	ug/l #	61
13) Acrolein	4.195	56	136	0.452	ug/l #	15
16) Acetone	4.442	43	1591	1.534	ug/l	97
17) Carbon Disulfide	4.718	76	1481	0.262	ug/l #	74
20) Methylene Chloride	5.283	84	1194	0.571	ug/l #	83
31) Cyclohexane	8.230	56	4983	1.234	ug/l #	48
36) 1,1-Dichloropropene	8.230	75	14918	5.001	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17748	5.869	ug/l #	17
43) Isopropyl Acetate	8.688	43	9207	1.556	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2670	0.794	ug/l #	1
71) Bromoform	12.847	173	640	1.098	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	71391	29.870	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71391	69.865	ug/l #	12
88) 1,4-Dichlorobenzene	13.812	146	812	0.204	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	537	0.260	ug/l #	69
94) Hexachlorobutadiene	15.500	225	366	0.404	ug/l #	58
95) Naphthalene	15.647	128	2323	0.359	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.853	180	477	0.231	ug/l #	64

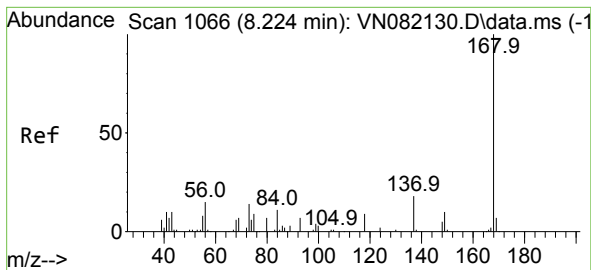
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Jun 04 00:25:43 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: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

Instrument :

MSVOA_N

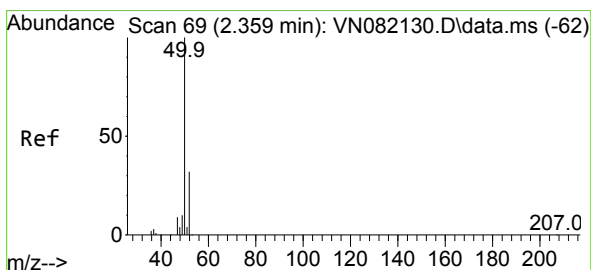
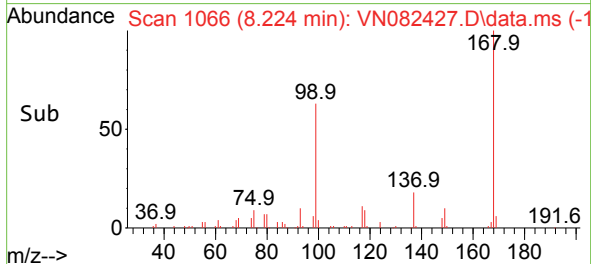
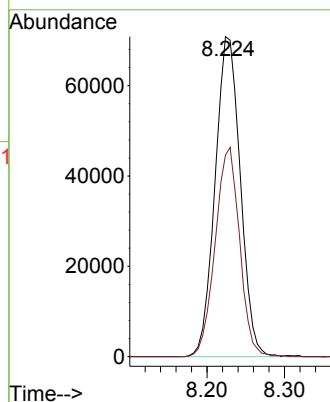
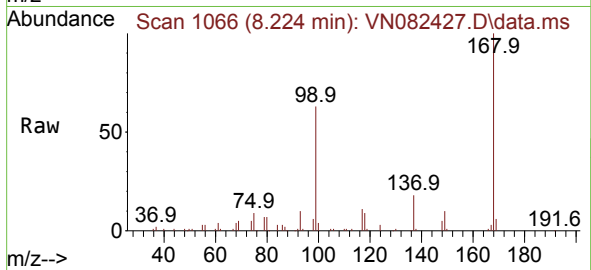
ClientSampleId :

Tgt Ion:168 Resp: 160117

Ion Ratio Lower Upper

168 100

99 63.0 48.2 72.4



#3

Chloromethane

Concen: 0.351 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082427.D

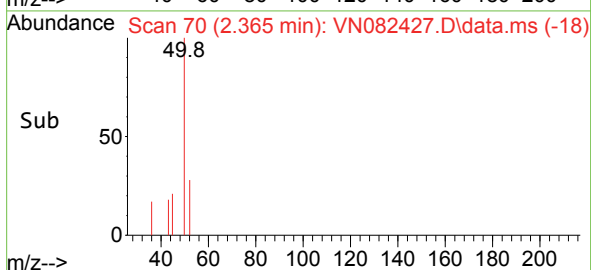
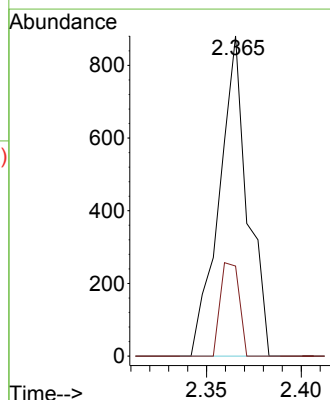
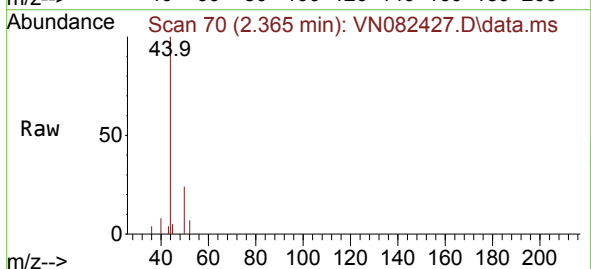
Acq: 03 Jun 2024 12:10

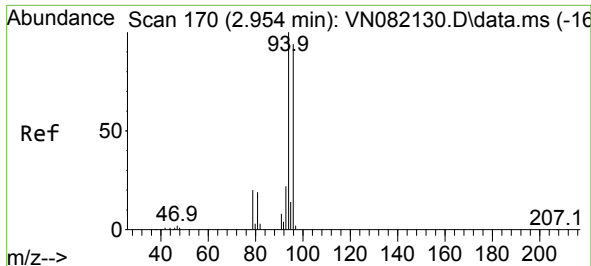
Tgt Ion: 50 Resp: 917

Ion Ratio Lower Upper

50 100

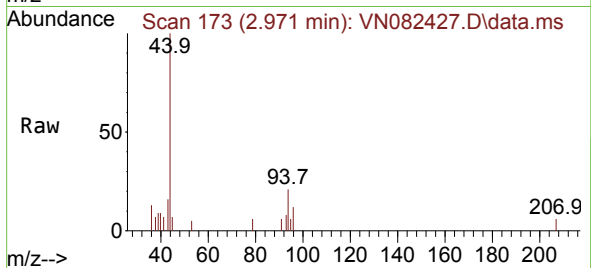
52 28.1 25.5 38.3



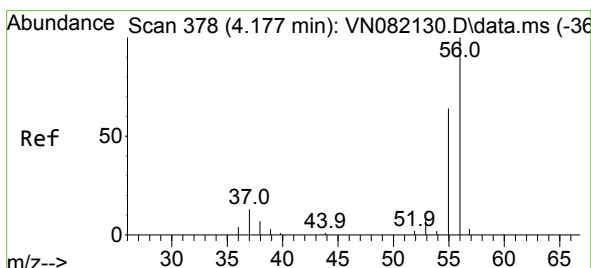
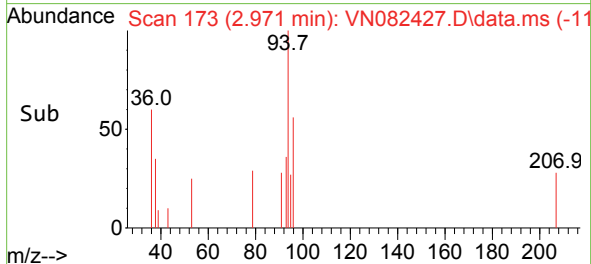
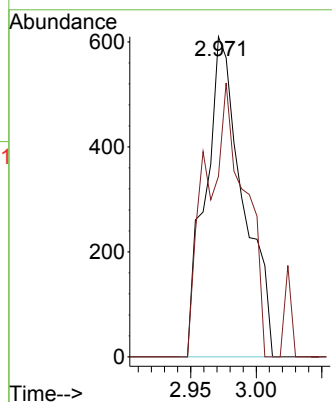


#5
Bromomethane
Concen: 0.854 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

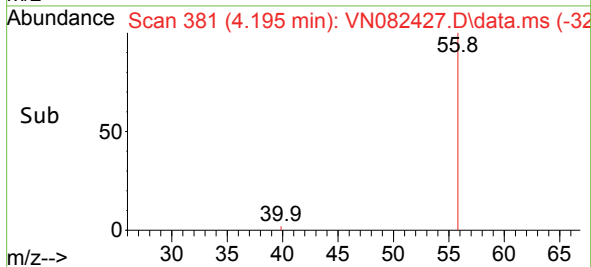
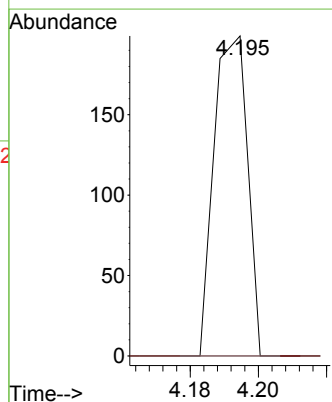
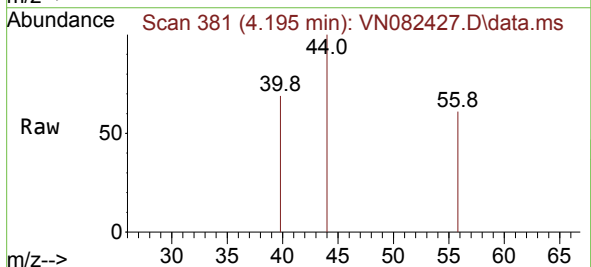


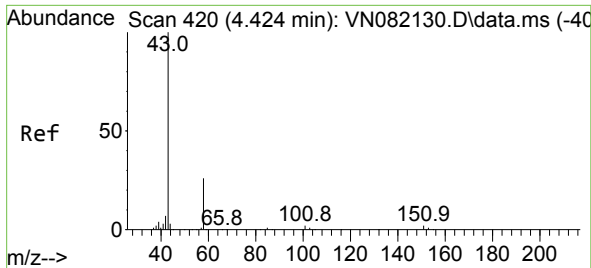
Tgt Ion: 94 Resp: 1207
Ion Ratio Lower Upper
94 100
96 56.4 74.8 112.2#



#13
Acrolein
Concen: 0.452 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Tgt Ion: 56 Resp: 136
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

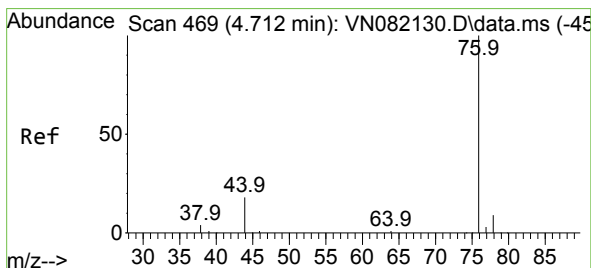
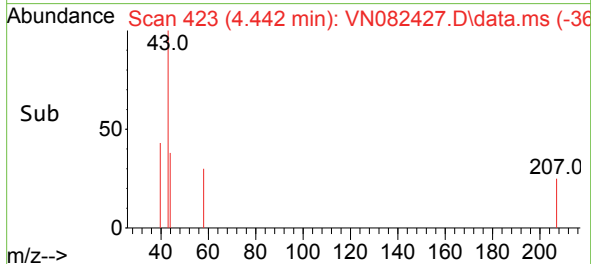
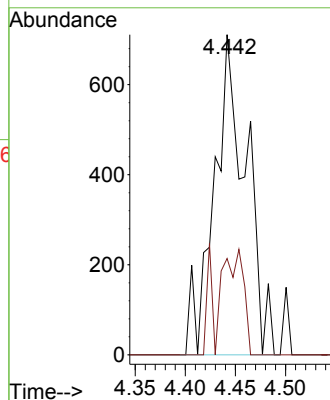
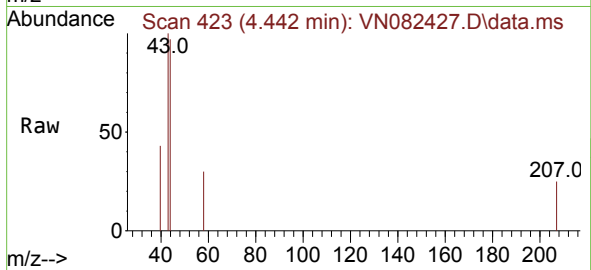




#16
Acetone
Concen: 1.534 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

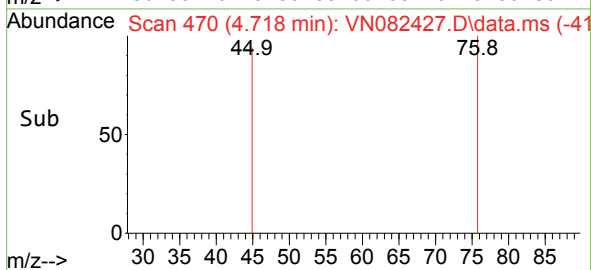
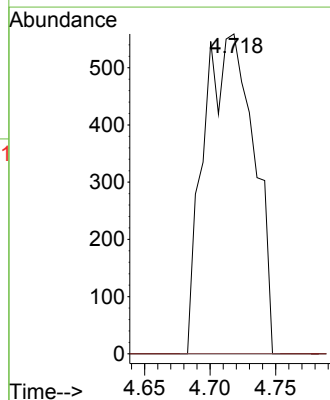
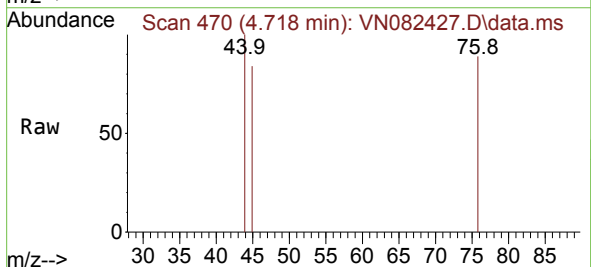
Instrument :
MSVOA_N
ClientSampleId :

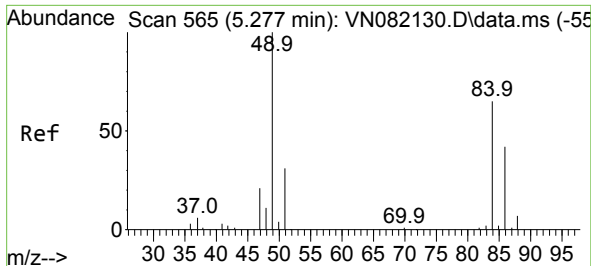
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 30.1 25.2 37.8



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

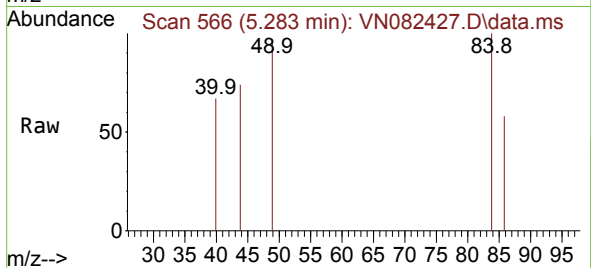
Tgt Ion: 76 Resp: 1481
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





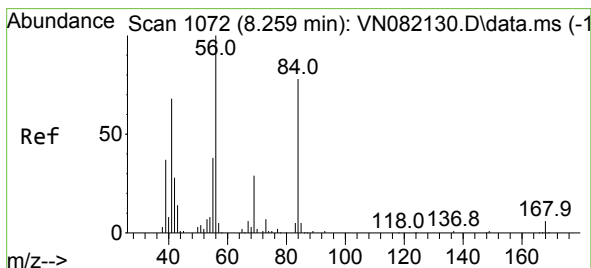
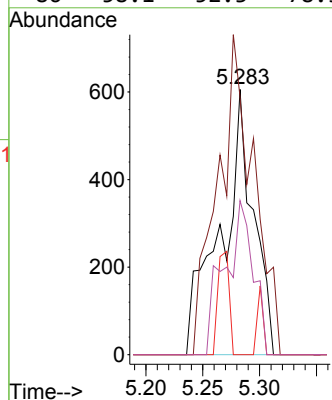
#20
Methylene Chloride
Concen: 0.571 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1194

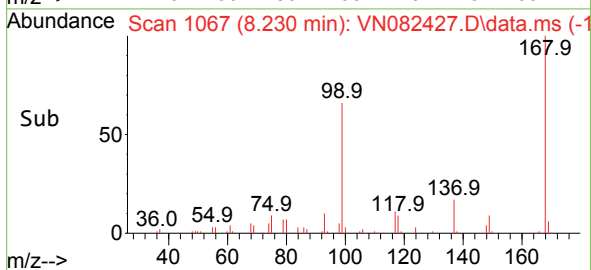
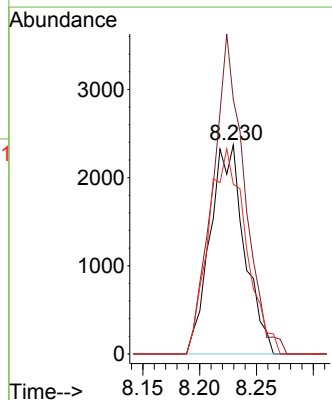
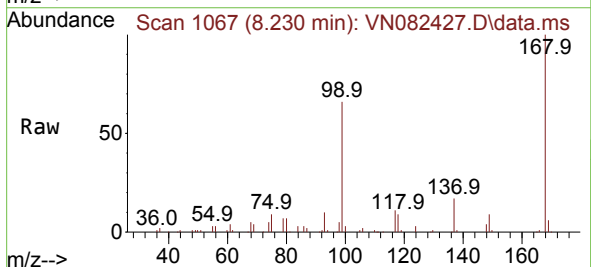
Ion	Ratio	Lower	Upper
84	100		
49	97.0	84.9	127.3
51	0.0	27.0	40.6#
86	58.1	52.3	78.5

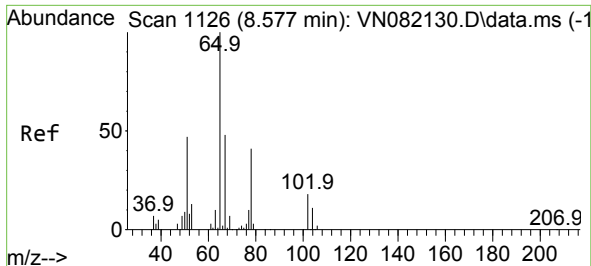


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Tgt Ion: 56 Resp: 4983

Ion	Ratio	Lower	Upper
56	100		
69	121.5	24.4	36.6#
84	81.2	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 53.986 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

Instrument :

MSVOA_N

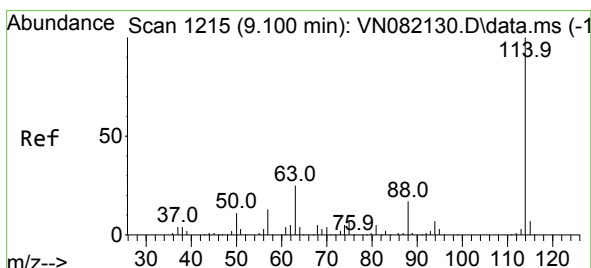
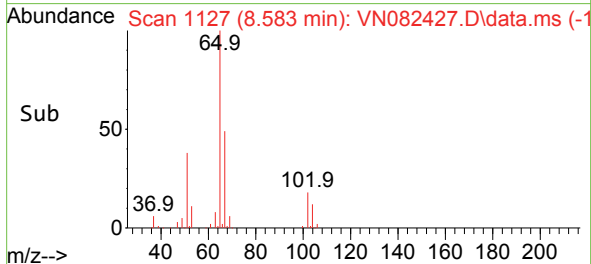
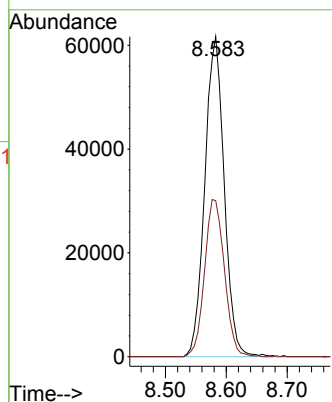
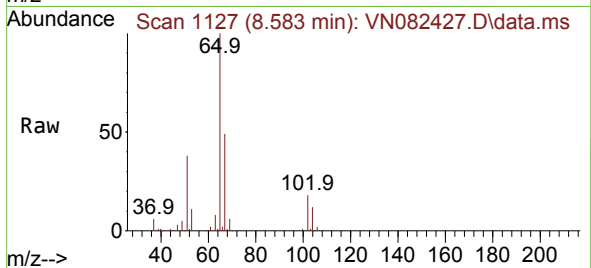
ClientSampleId :

Tgt Ion: 65 Resp: 136491

Ion Ratio Lower Upper

65 100

67 50.3 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: VN082427.D

Acq: 03 Jun 2024 12:10

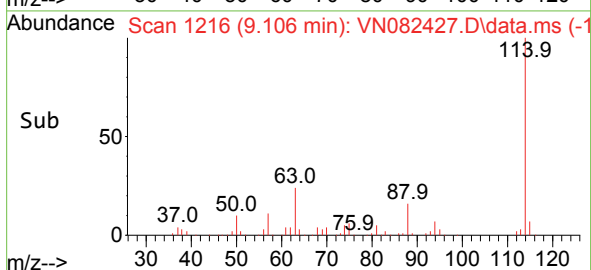
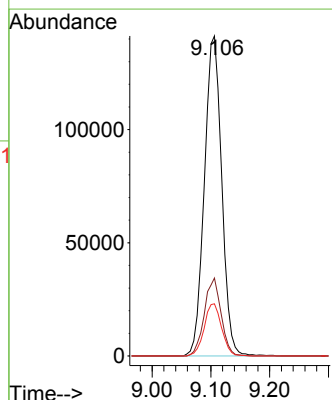
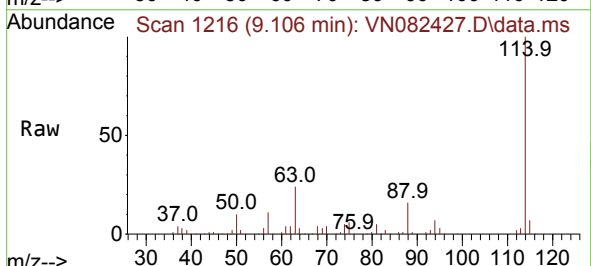
Tgt Ion: 114 Resp: 289154

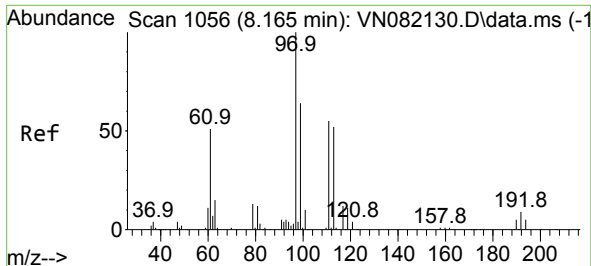
Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

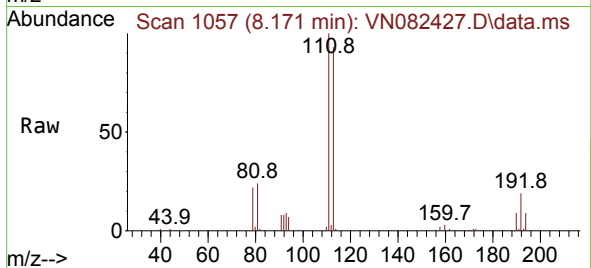
88 16.3 0.0 31.4



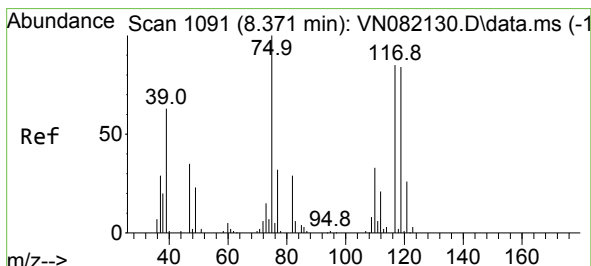
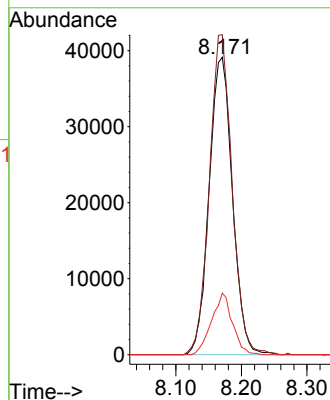
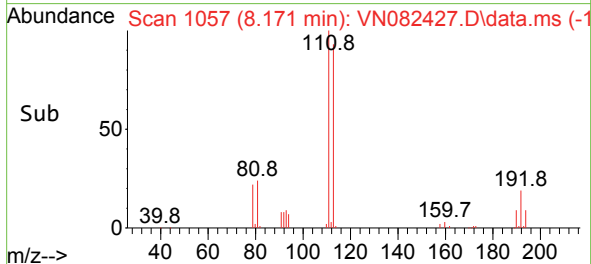


#35
Dibromofluoromethane
Concen: 54.321 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :

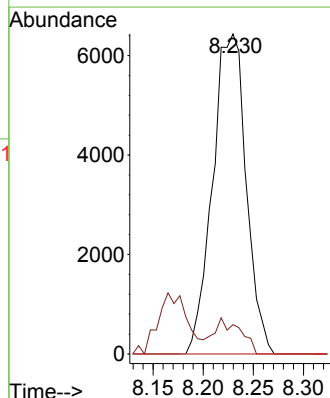
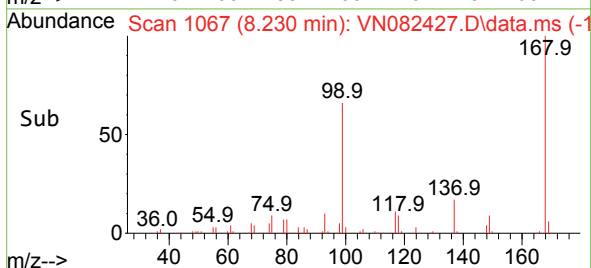
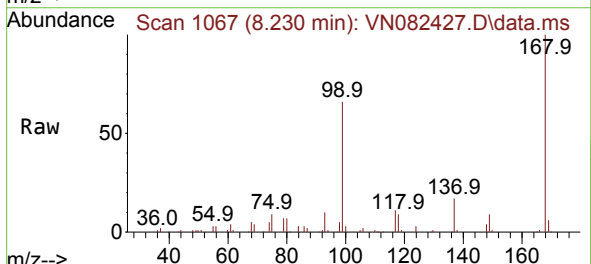


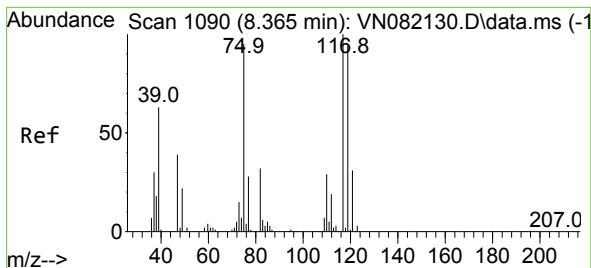
Tgt Ion:113 Resp: 96623
Ion Ratio Lower Upper
113 100
111 104.6 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Tgt Ion: 75 Resp: 14918
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.869 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

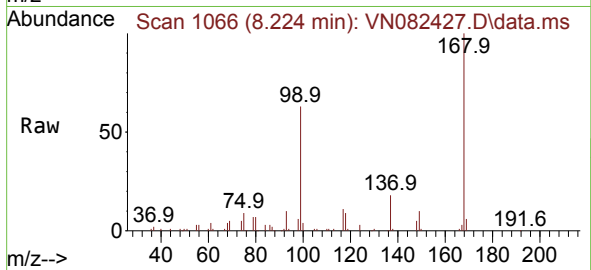
Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :



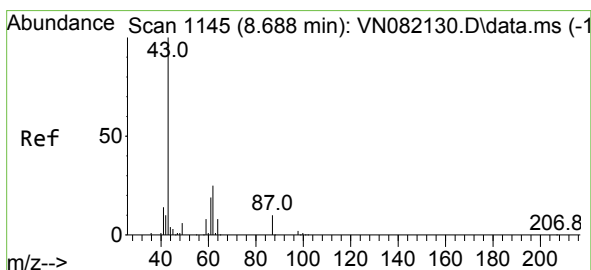
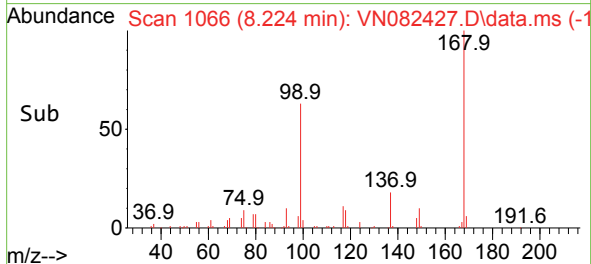
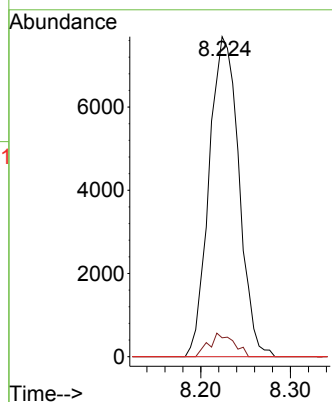
Tgt Ion:117 Resp: 17748

Ion Ratio Lower Upper

117 100

119 5.9 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.556 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

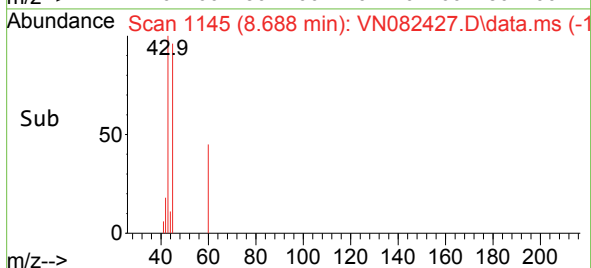
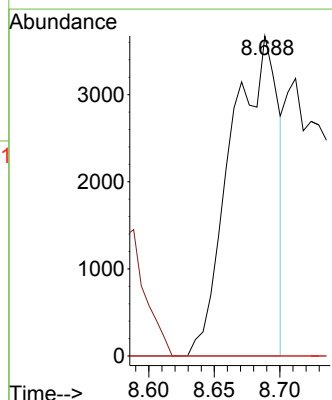
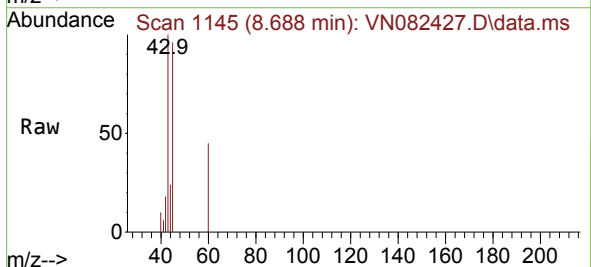
Tgt Ion: 43 Resp: 9207

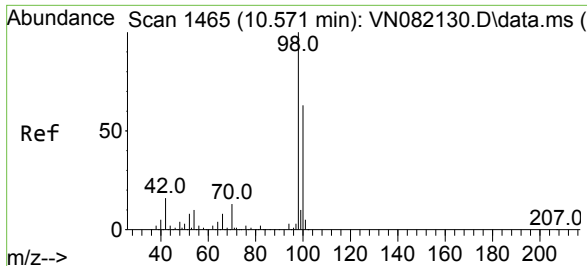
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

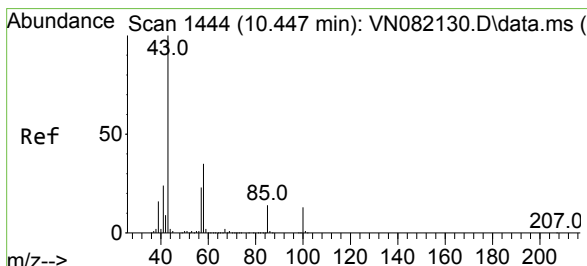
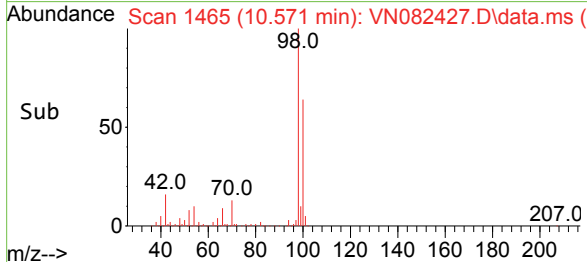
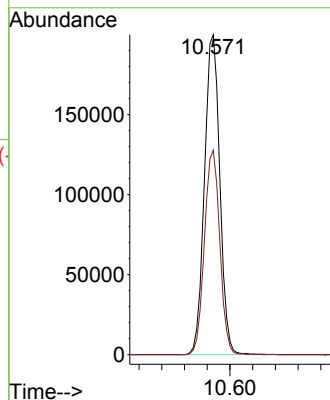
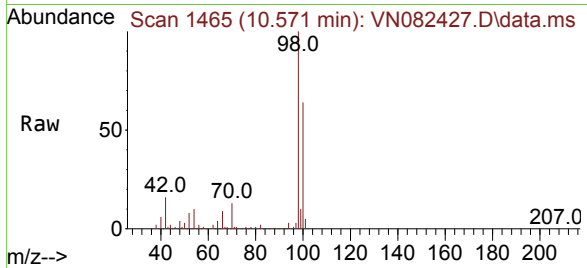




#50
Toluene-d8
Concen: 54.834 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

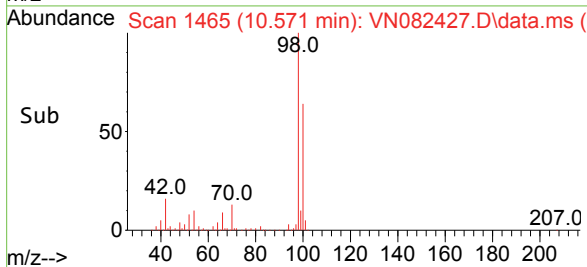
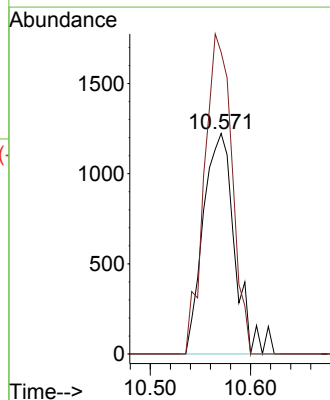
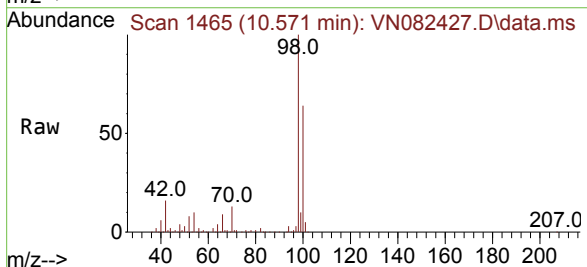
Instrument :
MSVOA_N
ClientSampleId :

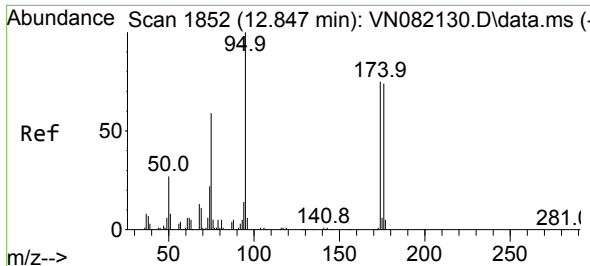
Tgt Ion: 98 Resp: 373942
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.794 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Tgt Ion: 43 Resp: 2670
Ion Ratio Lower Upper
43 100
58 127.1 33.2 49.8#

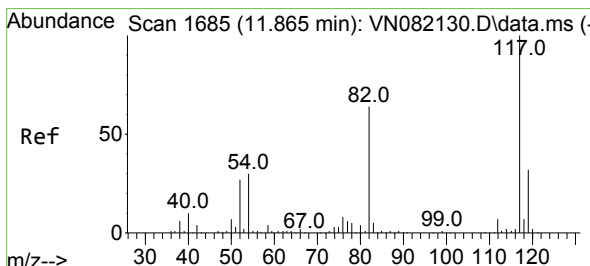
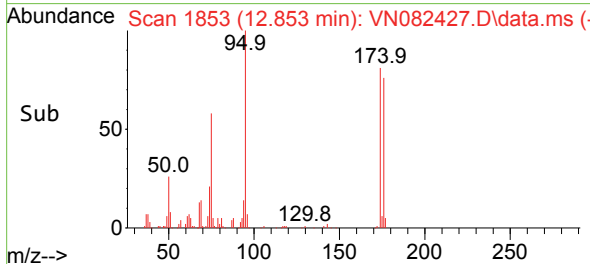
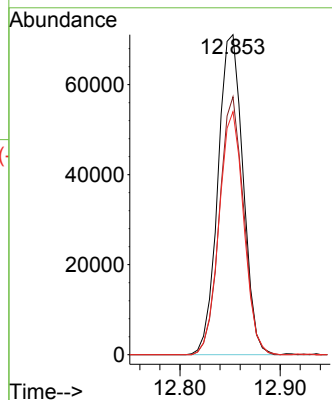
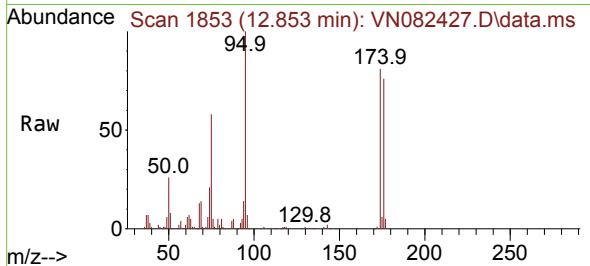




#62
4-Bromofluorobenzene
Concen: 50.762 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

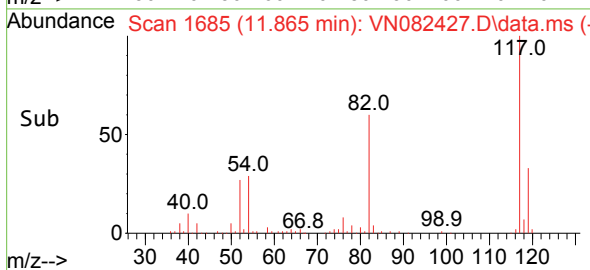
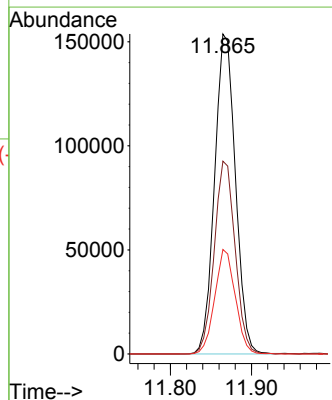
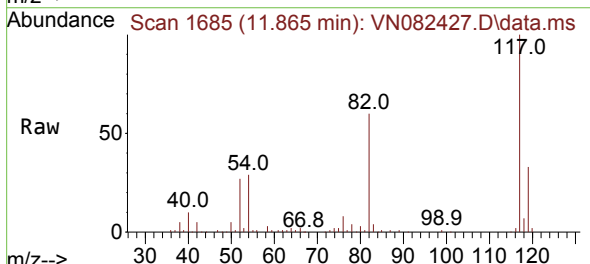
Instrument :
MSVOA_N
ClientSampleId :

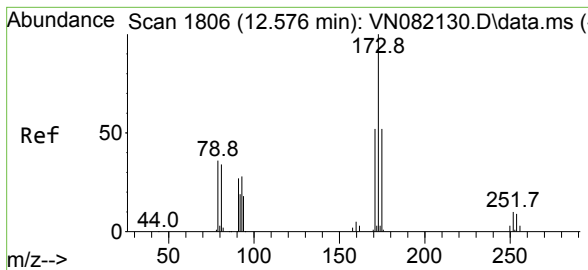
Tgt Ion: 95 Resp: 123557
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.6
176 74.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

Tgt Ion: 117 Resp: 274624
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 32.7 25.9 38.9





#71

Bromoform

Concen: 1.098 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

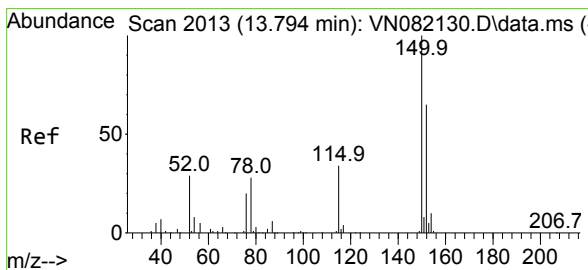
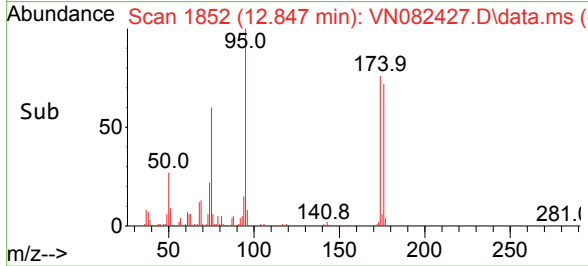
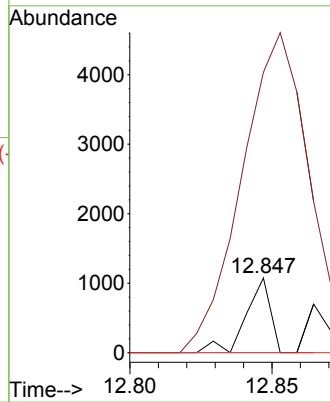
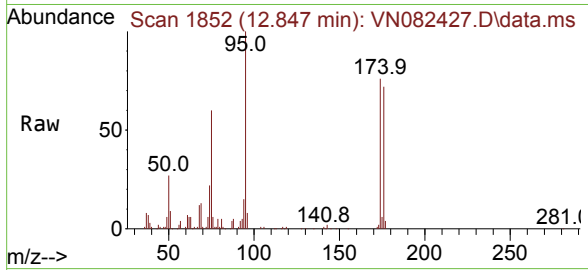
Tgt Ion:173 Resp: 640

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: VN082427.D

Acq: 03 Jun 2024 12:10

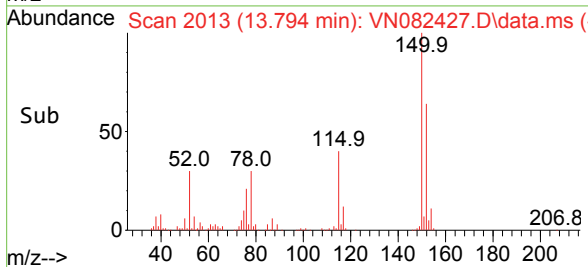
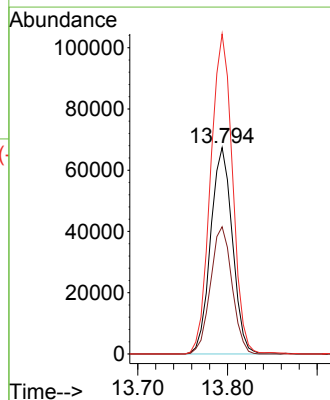
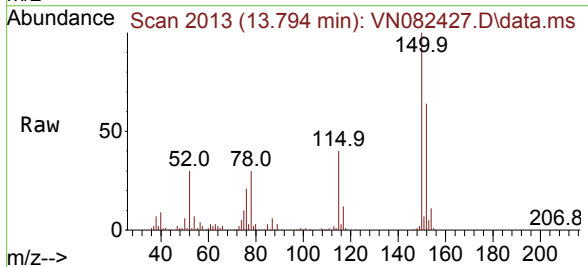
Tgt Ion:152 Resp: 113554

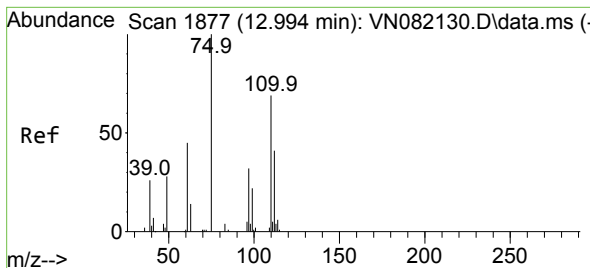
Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 156.1 0.0 353.2

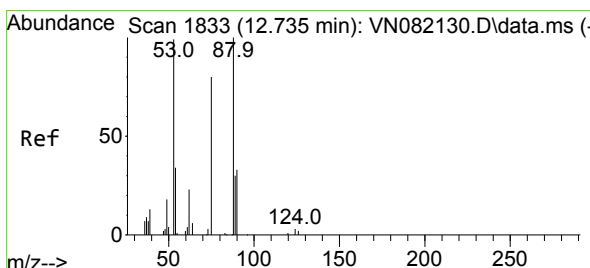
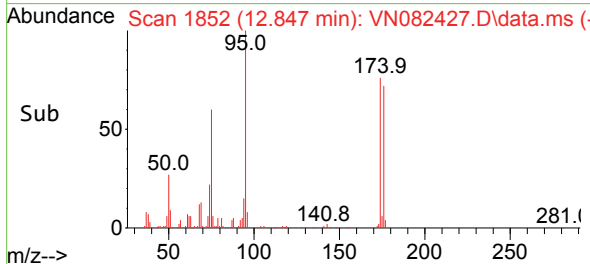
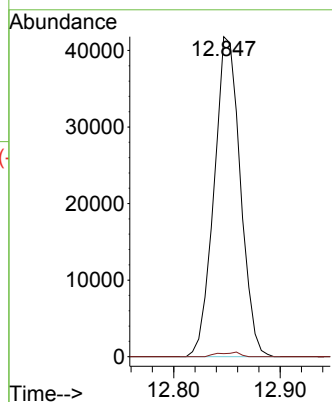
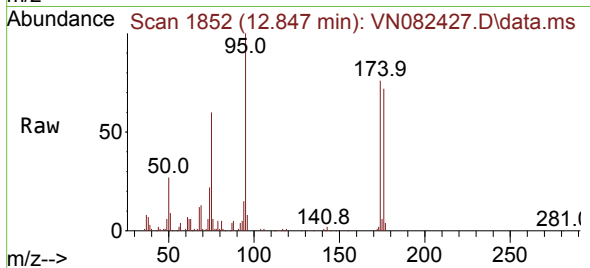




#76
1,2,3-Trichloropropane
Concen: 29.870 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

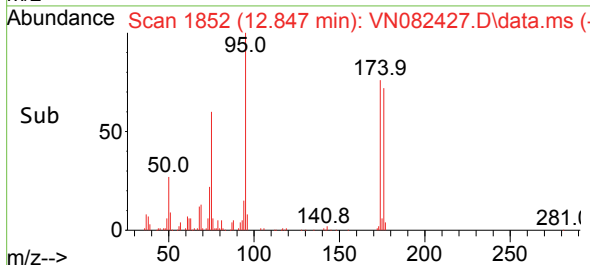
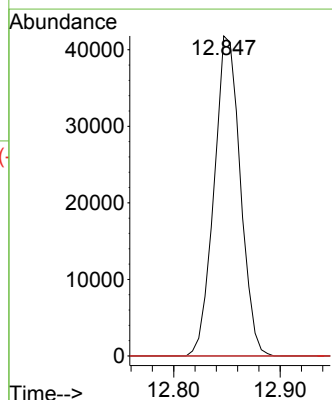
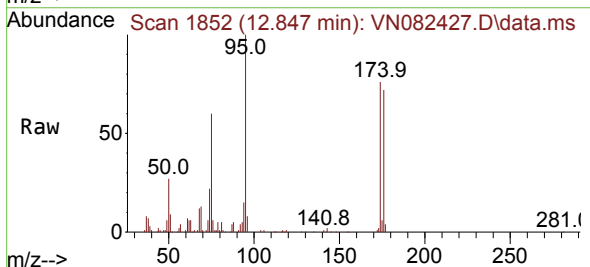
Instrument :
MSVOA_N
ClientSampleId :

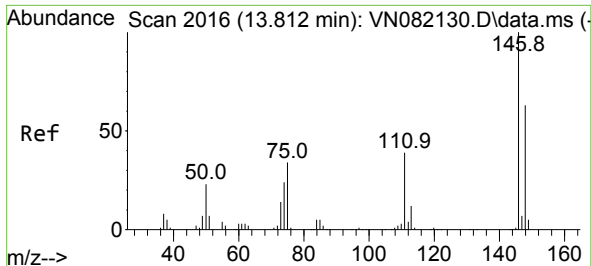
Tgt Ion: 75 Resp: 71391
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.865 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

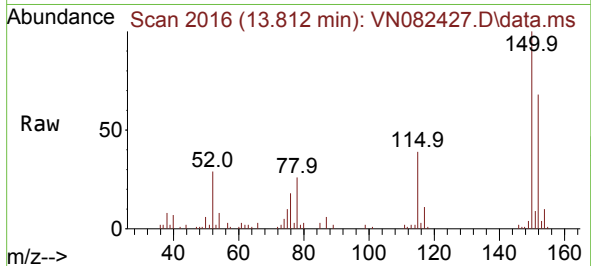
Tgt Ion: 75 Resp: 71391
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



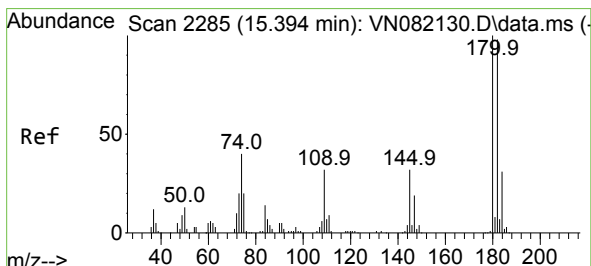
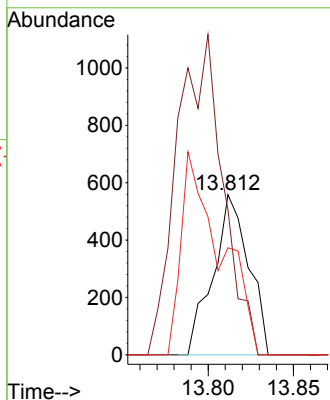
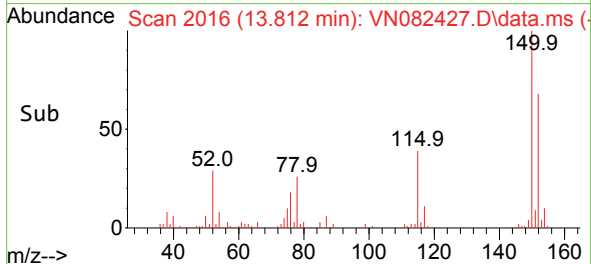


#88
1,4-Dichlorobenzene
Concen: 0.204 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10

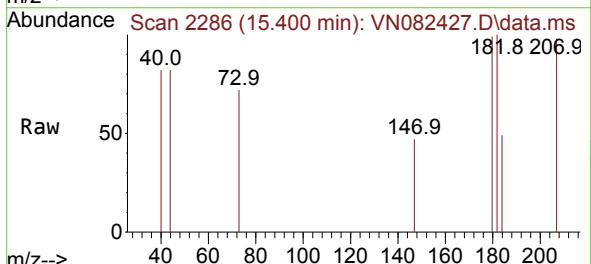
Instrument :
MSVOA_N
ClientSampleId :



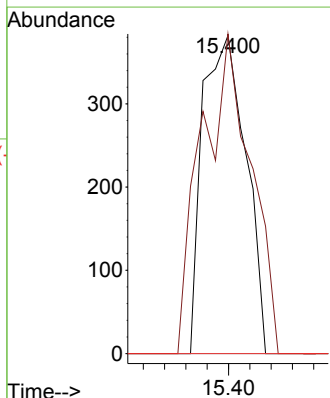
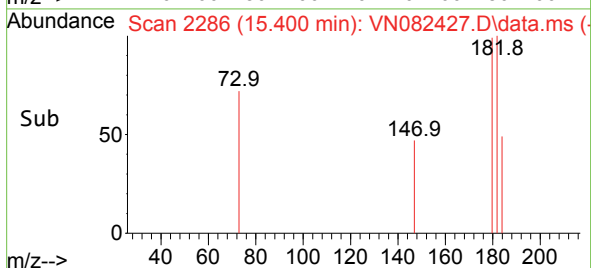
Tgt Ion:146 Resp: 812
Ion Ratio Lower Upper
146 100
111 257.4 19.3 57.9#
148 0.0 31.3 93.9#

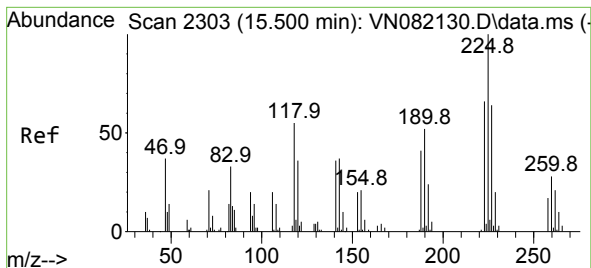


#93
1,2,4-Trichlorobenzene
Concen: 0.260 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082427.D
Acq: 03 Jun 2024 12:10



Tgt Ion:180 Resp: 537
Ion Ratio Lower Upper
180 100
182 114.5 46.7 140.0
145 0.0 16.2 48.6#





#94

Hexachlorobutadiene

Concen: 0.404 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

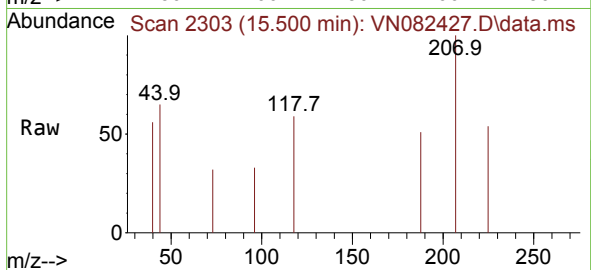
Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

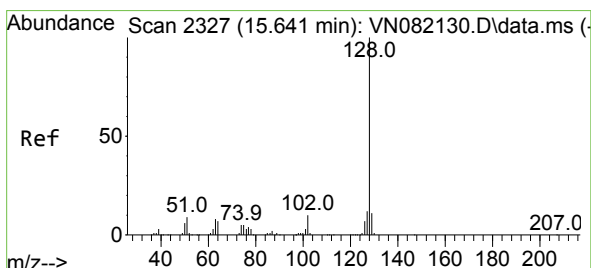
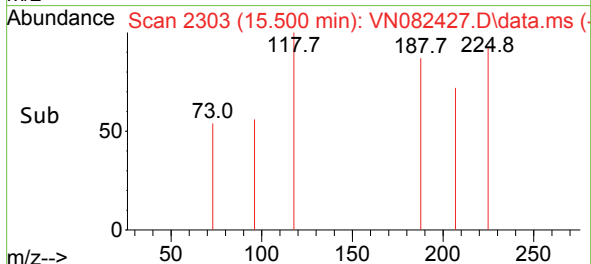
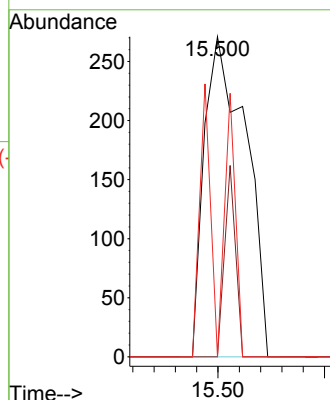
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	225	Resp:	366
Ion	Ratio	Lower	Upper
225	100		
223	15.6	31.1	93.2#
227	43.7	30.6	91.6



#95

Naphthalene

Concen: 0.359 ug/l

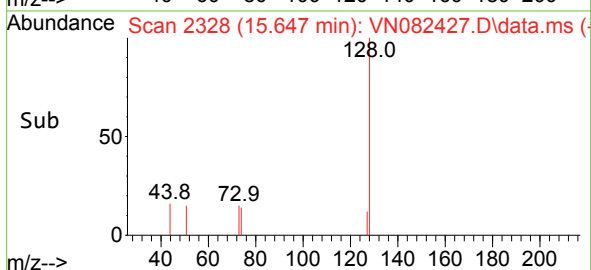
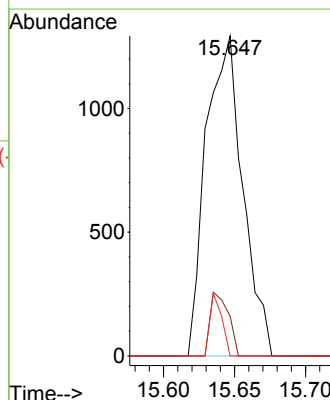
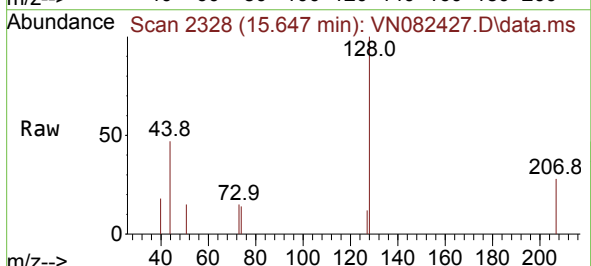
RT: 15.647 min Scan# 2328

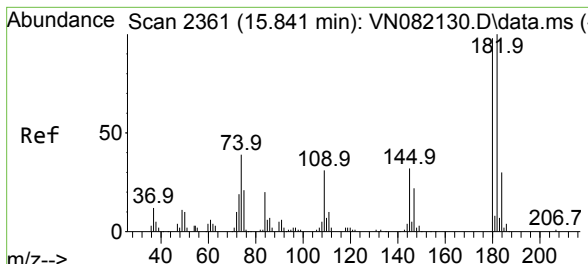
Delta R.T. 0.006 min

Lab File: VN082427.D

Acq: 03 Jun 2024 12:10

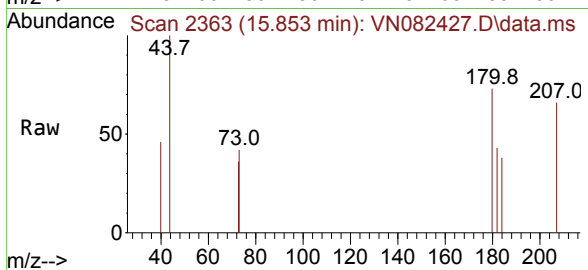
Tgt Ion:	128	Resp:	2323
Ion	Ratio	Lower	Upper
128	100		
127	7.4	10.1	15.1#
129	6.2	8.9	13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.231 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN082427.D
 Acq: 03 Jun 2024 12:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 477
 Ion Ratio Lower Upper
 180 100
 182 118.4 46.0 137.8
 145 0.0 17.1 51.3#

