

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082821.D
 Acq On : 08 Jul 2024 14:44
 Operator : JC\MD
 Sample : VN0708WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 08 17:42:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

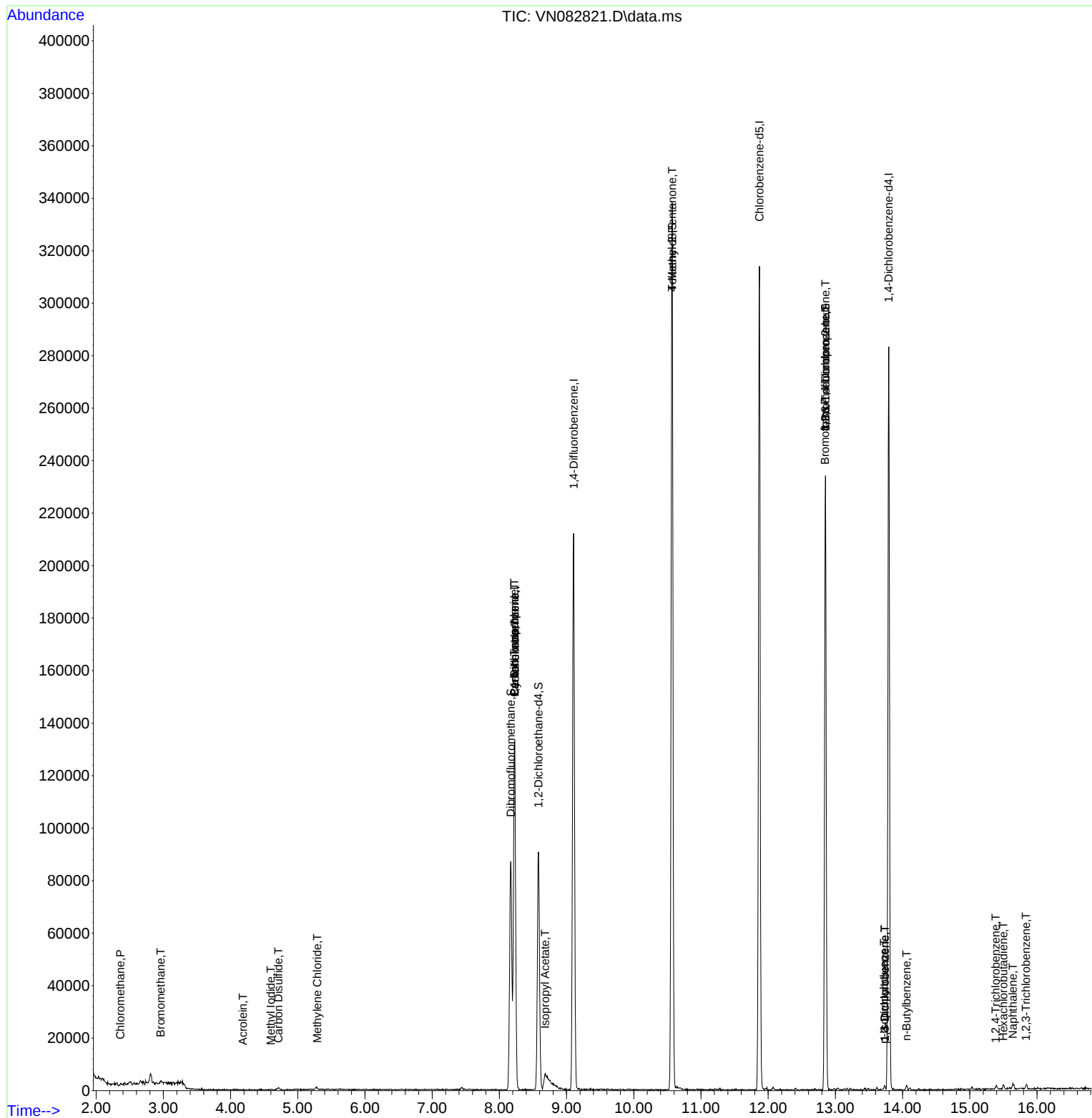
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	95329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	177715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74865	56.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.040%	
35) Dibromofluoromethane	8.171	113	61841	52.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.260%	
50) Toluene-d8	10.571	98	231708	53.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.853	95	77933	49.993	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.980%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	298	0.255	ug/l #	43
5) Bromomethane	2.959	94	800	0.903	ug/l #	59
10) Methyl Iodide	4.600	142	366	0.357	ug/l #	38
13) Acrolein	4.183	56	61	0.376	ug/l #	14
17) Carbon Disulfide	4.712	76	1960	0.674	ug/l #	75
20) Methylene Chloride	5.289	84	761	0.670	ug/l #	25
31) Cyclohexane	8.229	56	2478	1.418	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	8297	5.122	ug/l #	52
38) Carbon Tetrachloride	8.224	117	10670	5.470	ug/l #	19
43) Isopropyl Acetate	8.682	43	10296	0.365	ug/l #	60
51) 4-Methyl-2-Pentanone	10.571	43	1088	0.665	ug/l #	1
71) Bromoform	12.847	173	266	0.250	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	42938	33.753	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42938	66.383	ug/l #	6
86) p-Isopropyltoluene	13.723	119	882	0.204	ug/l #	66
87) 1,3-Dichlorobenzene	13.735	146	718	0.287	ug/l	77
88) 1,4-Dichlorobenzene	13.735	146	718	0.278	ug/l	77
89) n-Butylbenzene	14.059	91	1423	0.383	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	774	0.592	ug/l #	82
94) Hexachlorobutadiene	15.500	225	555	0.958	ug/l	91
95) Naphthalene	15.641	128	3003	0.671	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.835	180	926	0.689	ug/l #	86

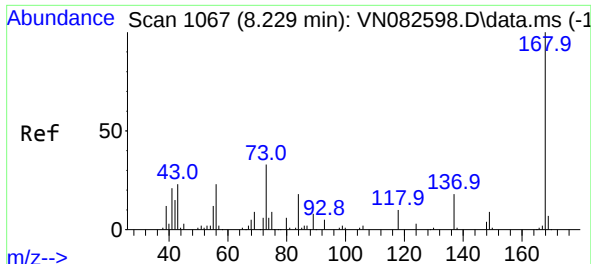
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
Data File : VN082821.D
Acq On : 08 Jul 2024 14:44
Operator : JC\MD
Sample : VN0708WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

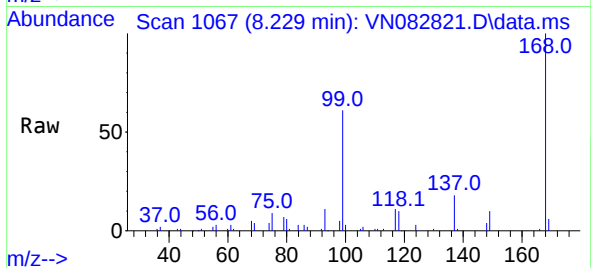
Quant Time: Jul 08 17:42:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



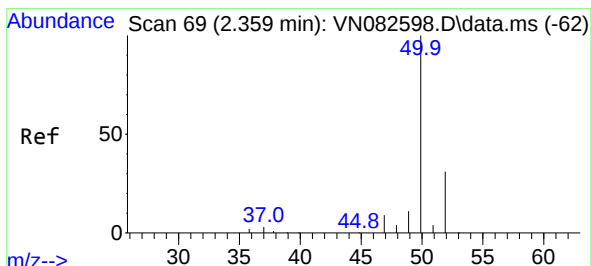
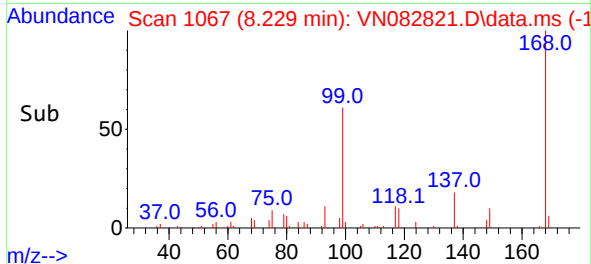
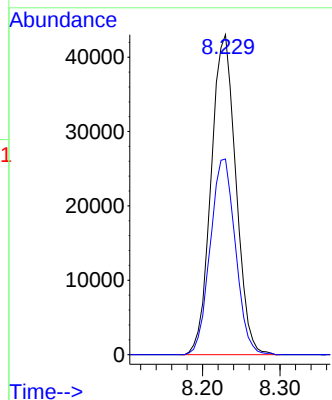


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

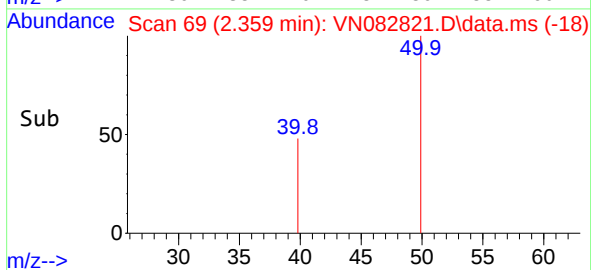
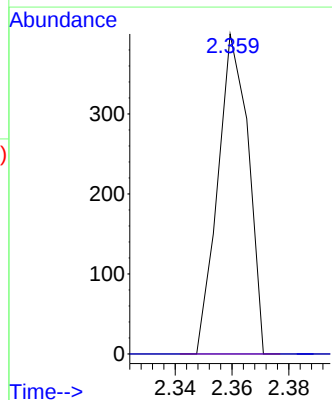
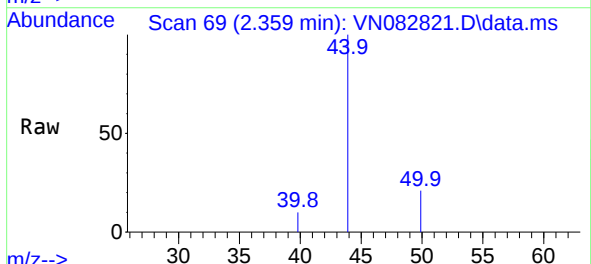


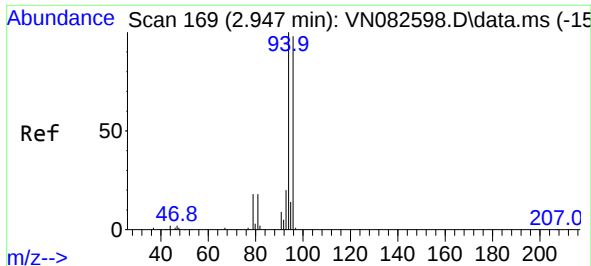
Tgt Ion:168 Resp: 95329
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

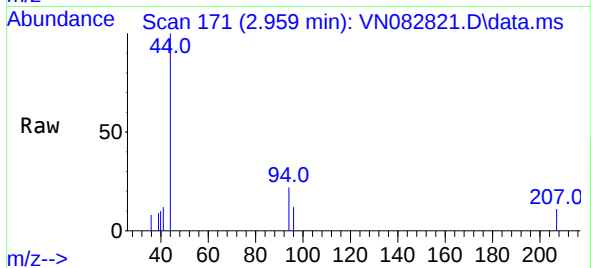
Tgt Ion: 50 Resp: 298
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



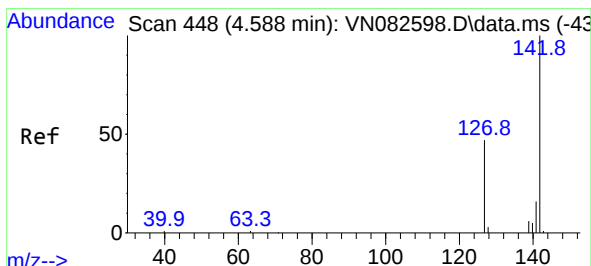
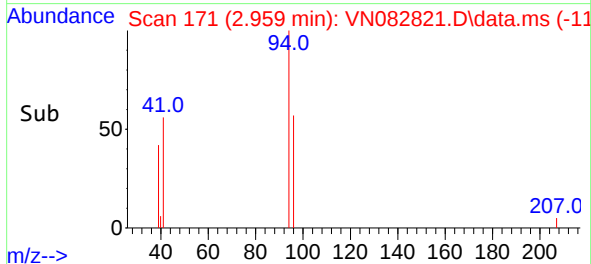
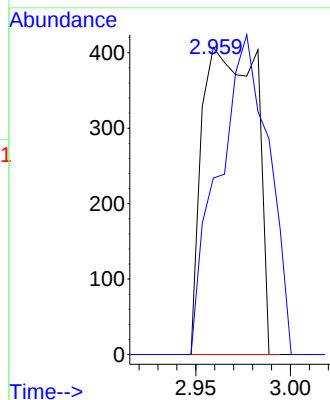


#5
Bromomethane
Concen: 0.903 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

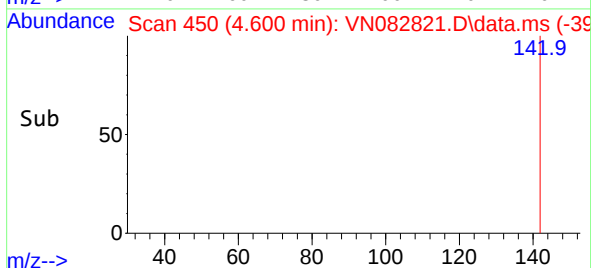
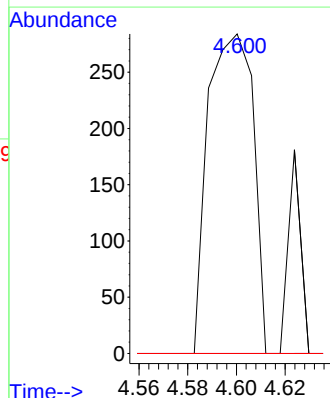
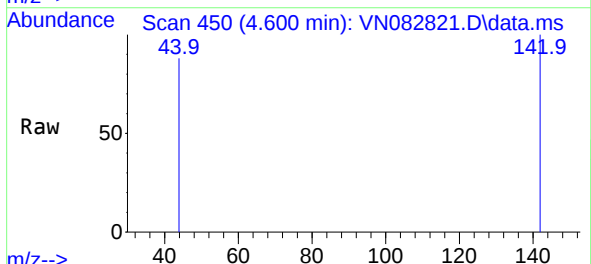


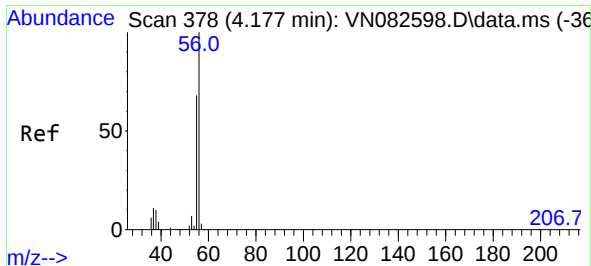
Tgt Ion: 94 Resp: 800
Ion Ratio Lower Upper
94 100
96 57.5 78.0 117.0#



#10
Methyl Iodide
Concen: 0.357 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion: 142 Resp: 366
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#

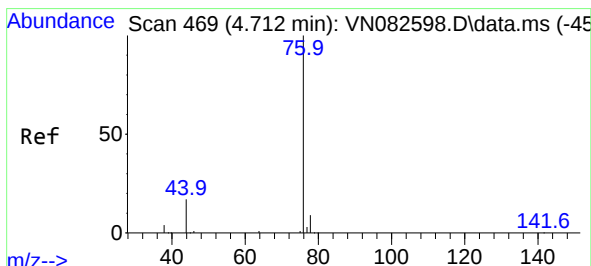
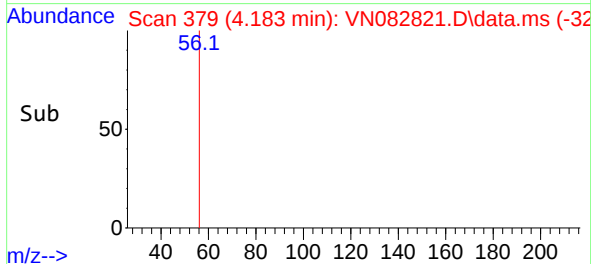
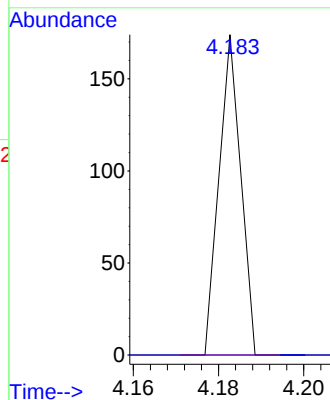
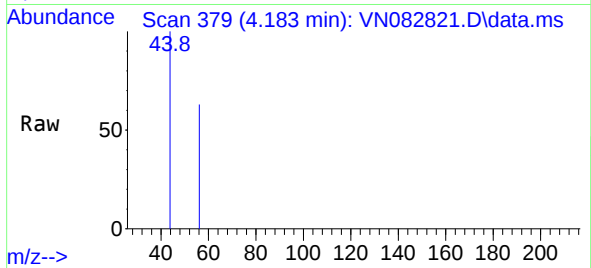




#13
Acrolein
Concen: 0.376 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

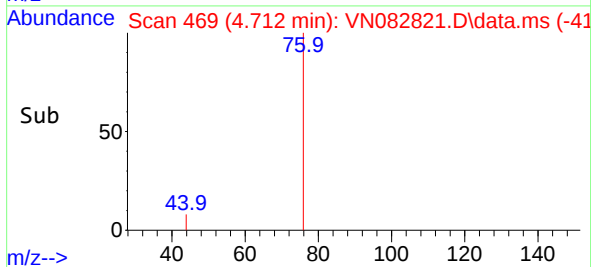
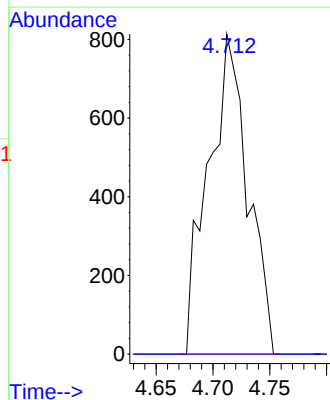
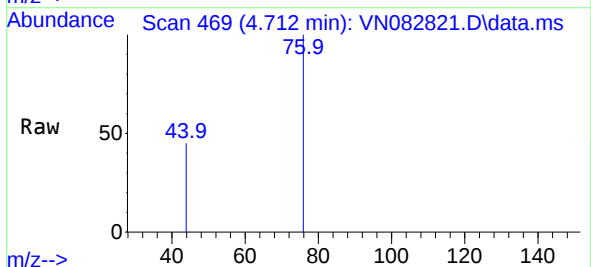
Instrument :
MSVOA_N
ClientSampleId :

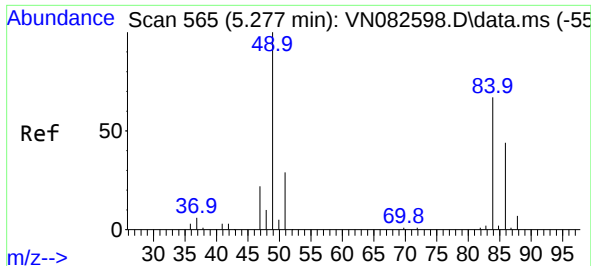
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#17
Carbon Disulfide
Concen: 0.674 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

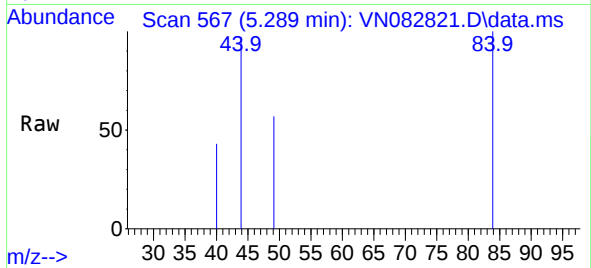
Tgt Ion: 76 Resp: 1960
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



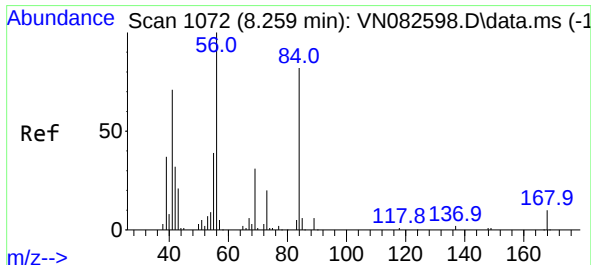
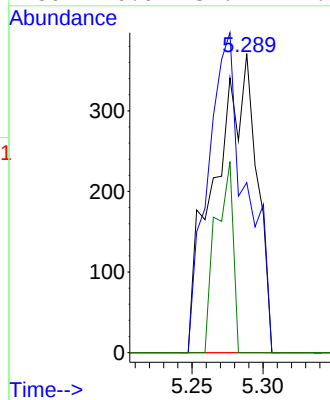
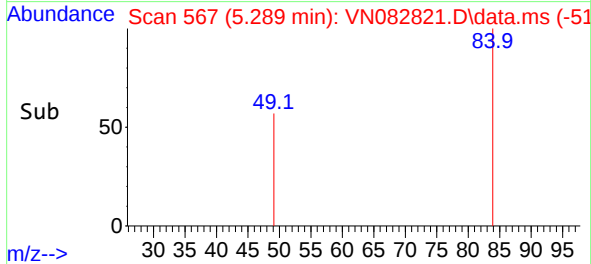


#20
Methylene Chloride
Concen: 0.670 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.011 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

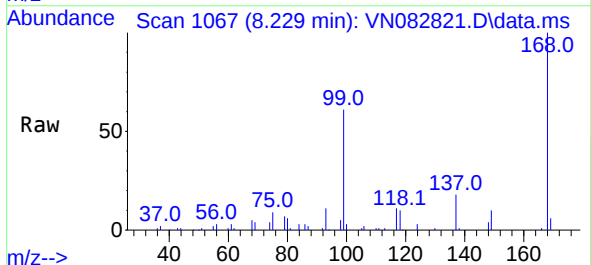
Instrument :
MSVOA_N
ClientSampleId :



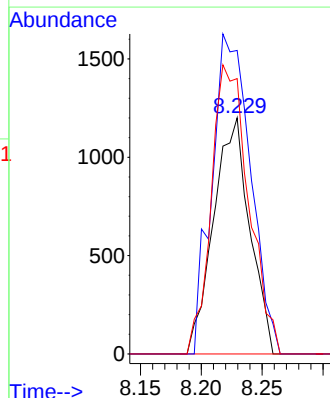
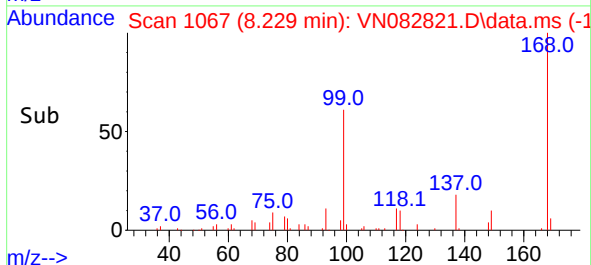
Tgt Ion: 84 Resp: 761
Ion Ratio Lower Upper
84 100
49 56.9 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#

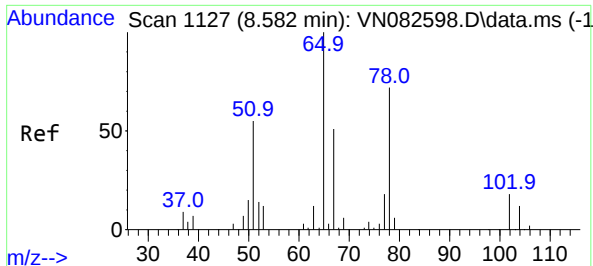


#31
Cyclohexane
Concen: 1.418 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44



Tgt Ion: 56 Resp: 2478
Ion Ratio Lower Upper
56 100
69 128.5 24.5 36.7#
84 116.6 66.0 99.0#

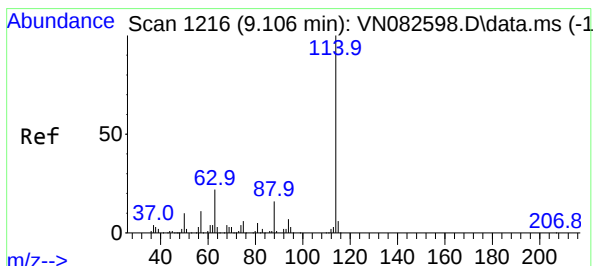
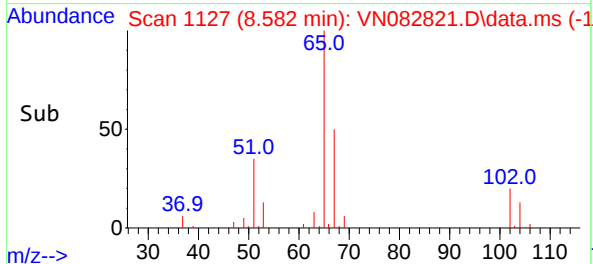
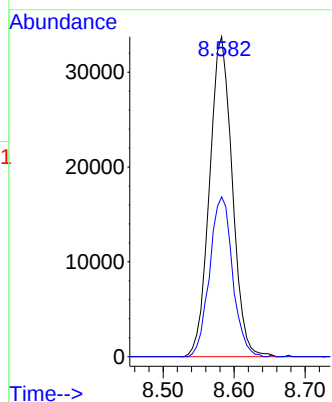
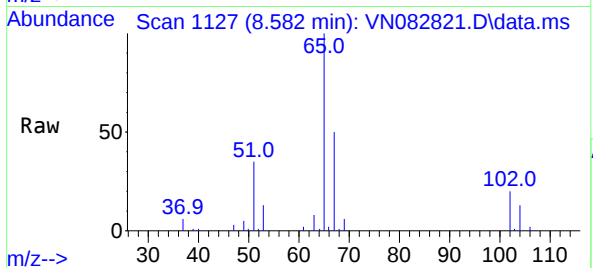




#33
1,2-Dichloroethane-d4
Concen: 56.023 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

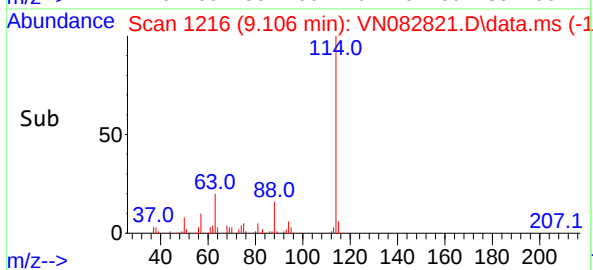
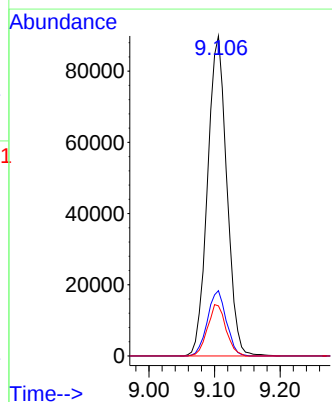
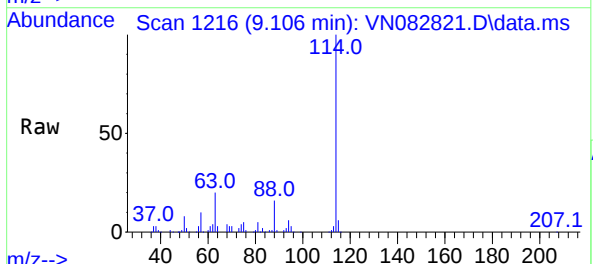
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MSVOA_N
ClientSampleId :

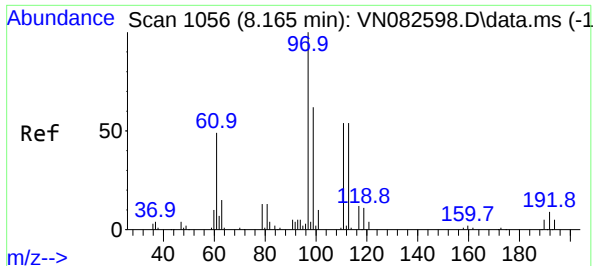
Tgt Ion: 65 Resp: 74865
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

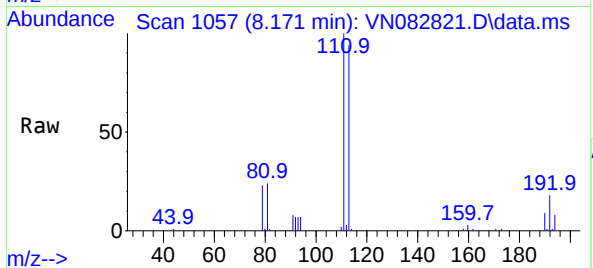
Tgt Ion: 114 Resp: 183112
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.6
88 15.6 0.0 31.4



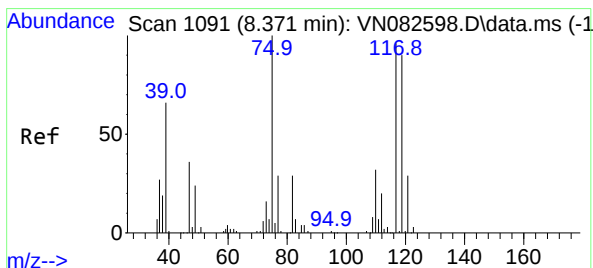
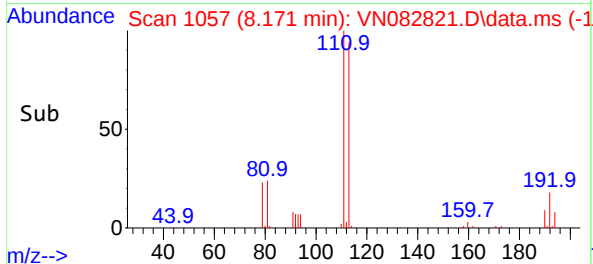
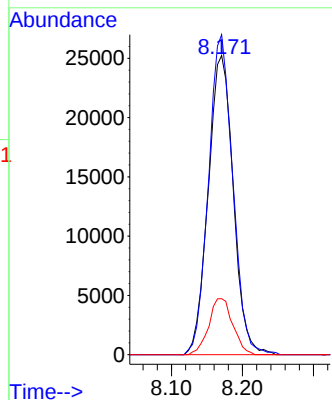


#35
Dibromofluoromethane
Concen: 52.631 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
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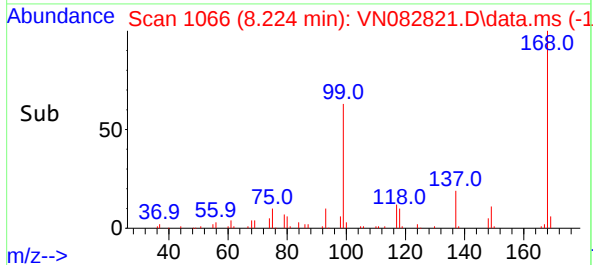
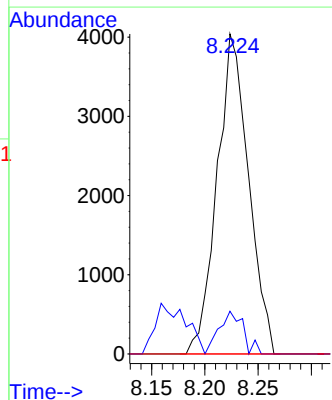
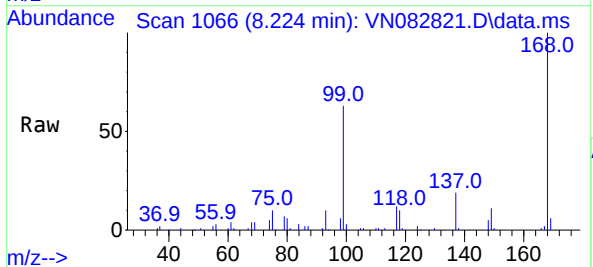


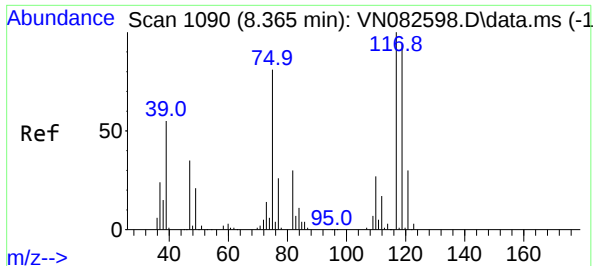
Tgt Ion:113 Resp: 61841
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

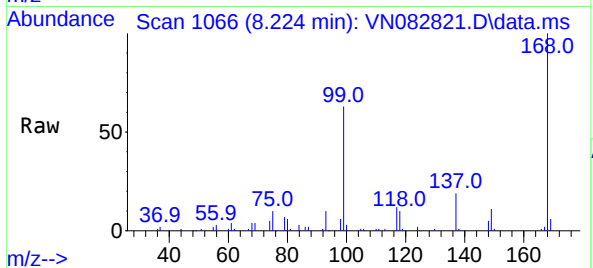
Tgt Ion: 75 Resp: 8297
Ion Ratio Lower Upper
75 100
110 10.3 16.3 48.9#
77 0.0 24.6 37.0#



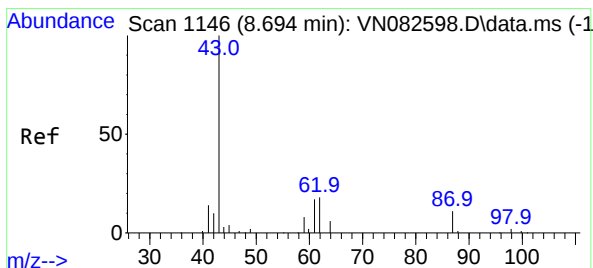
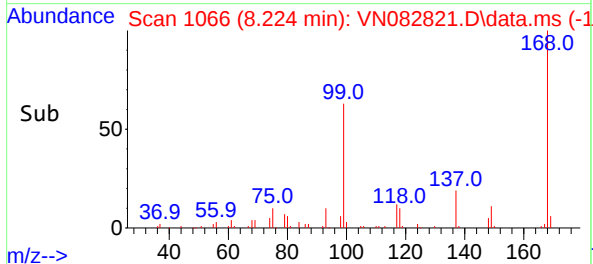
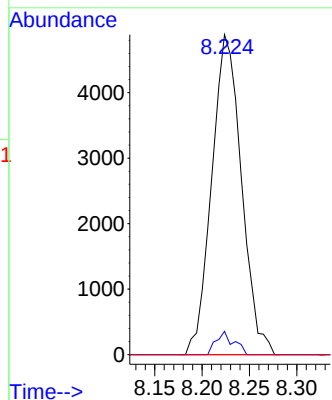


#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

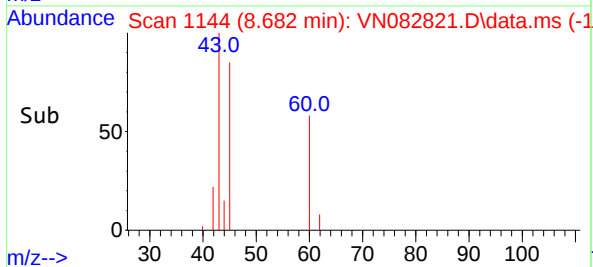
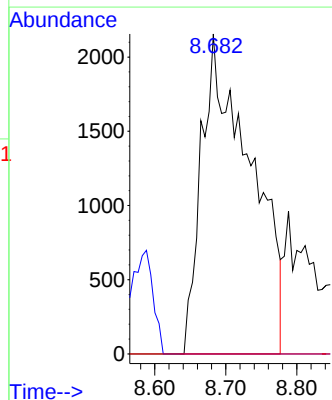
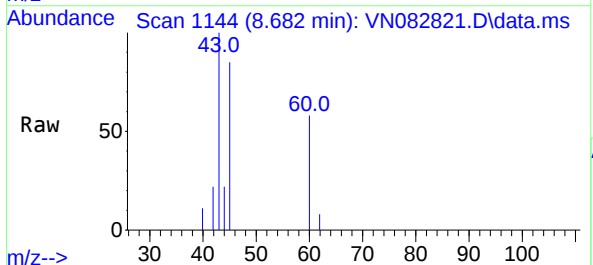


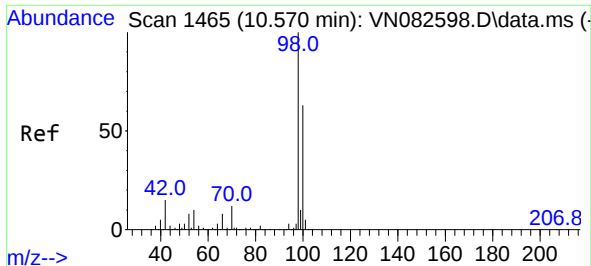
Tgt Ion:117 Resp: 10670
Ion Ratio Lower Upper
117 100
119 7.3 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.365 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion: 43 Resp: 10296
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

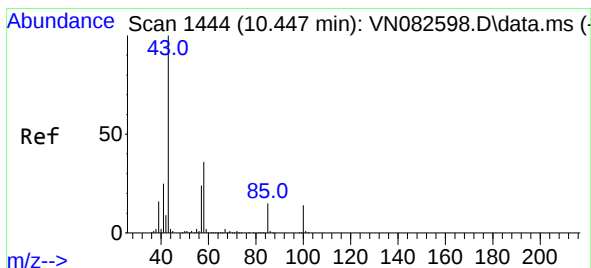
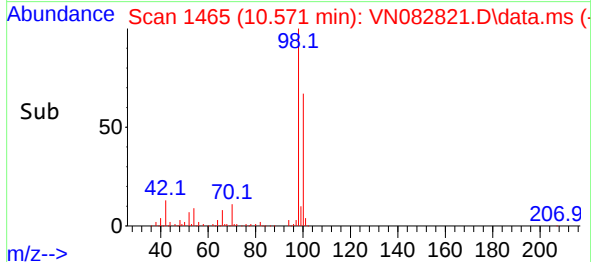
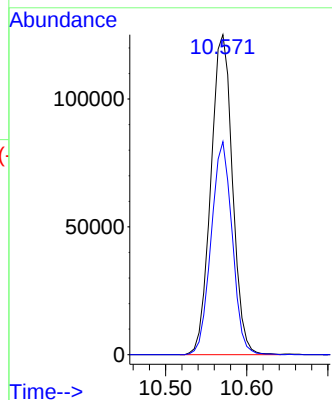
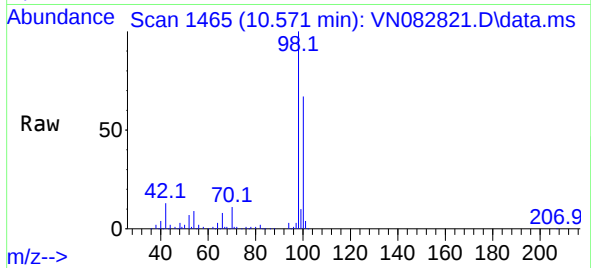




#50
Toluene-d8
Concen: 53.392 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

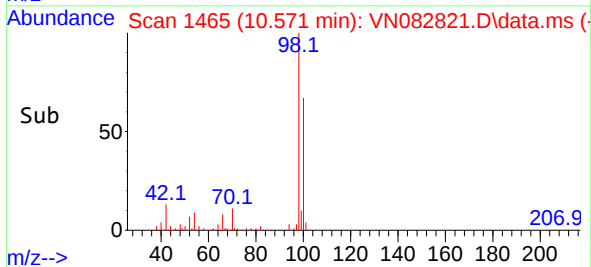
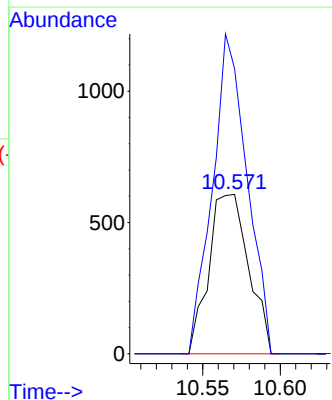
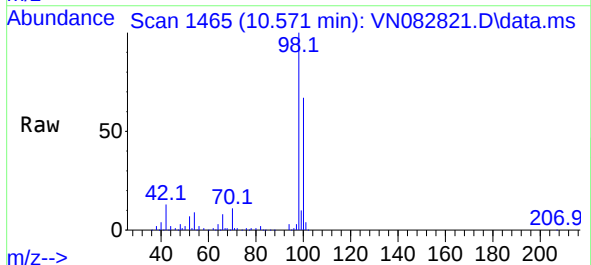
Instrument :
MSVOA_N
ClientSampleId :

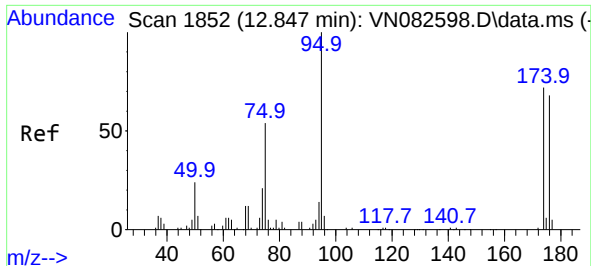
Tgt Ion: 98 Resp: 231708
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 174.3 28.2 42.4#

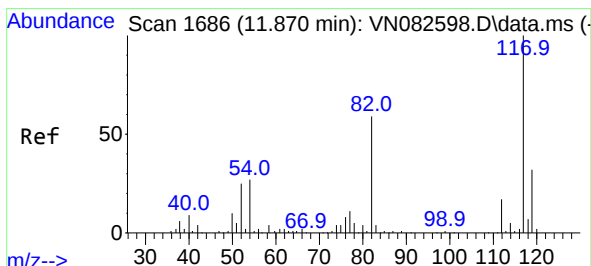
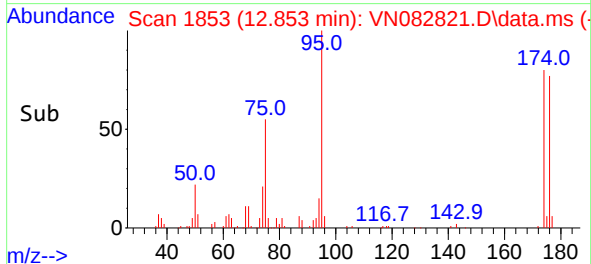
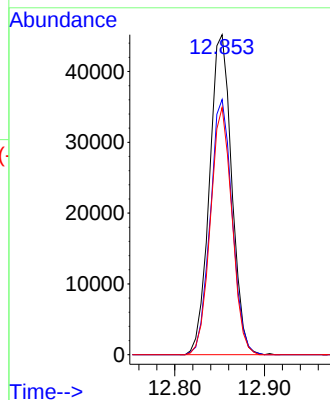
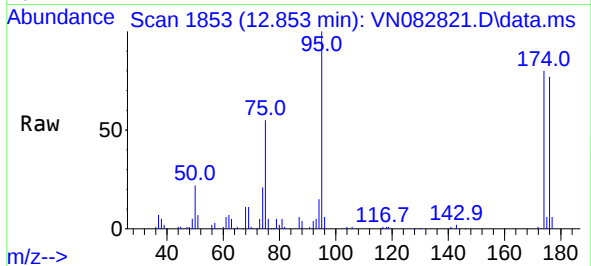




#62
4-Bromofluorobenzene
Concen: 49.993 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

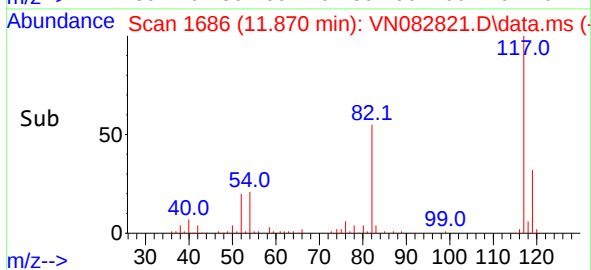
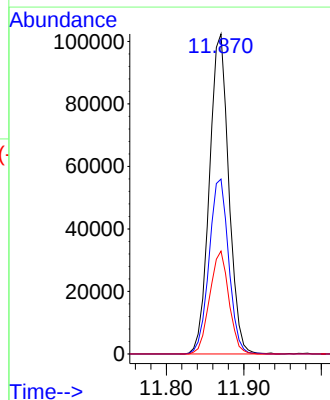
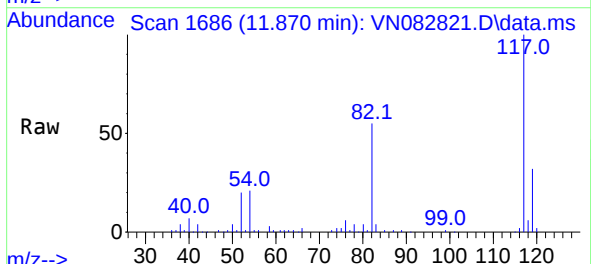
Instrument :
MSVOA_N
ClientSampleId :

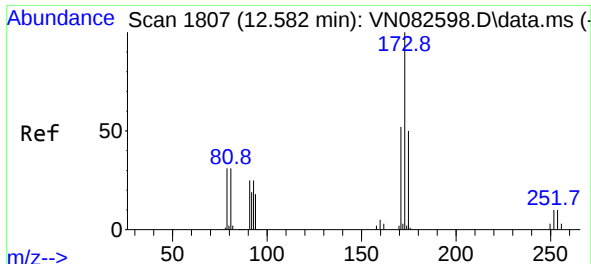
Tgt Ion: 95 Resp: 77933
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 74.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

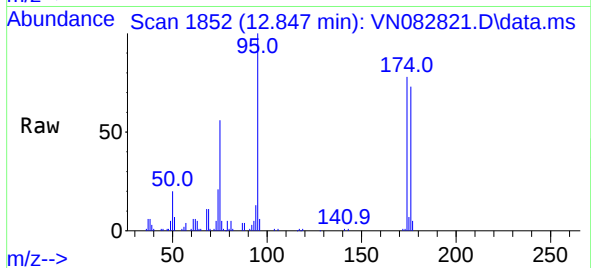
Tgt Ion: 117 Resp: 177715
Ion Ratio Lower Upper
117 100
82 54.7 47.5 71.3
119 32.2 25.6 38.4



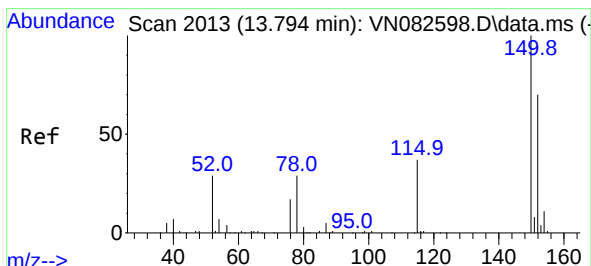
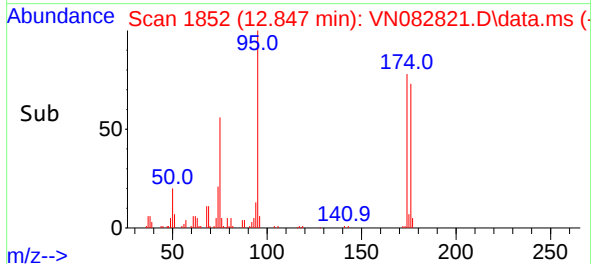
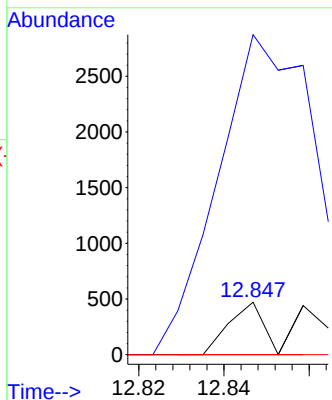


#71
Bromoform
Concen: 0.250 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

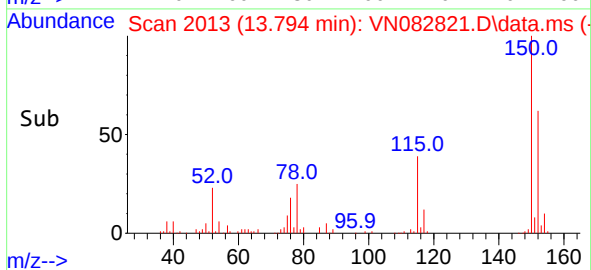
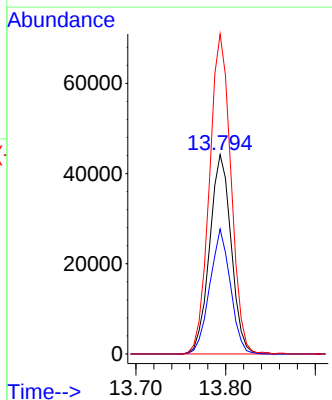
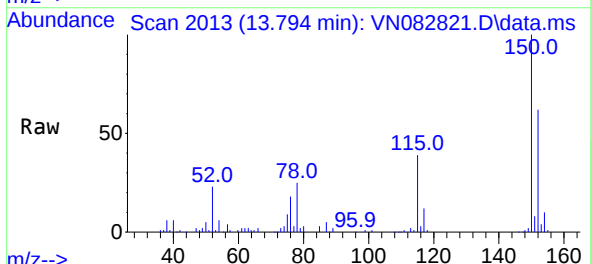


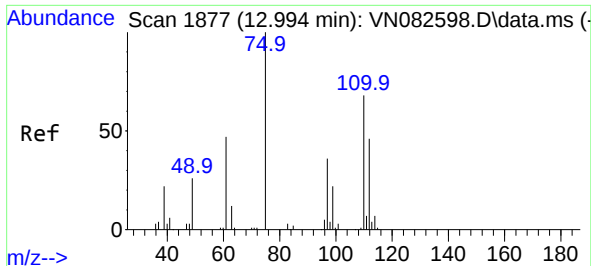
Tgt Ion:173 Resp: 266
Ion Ratio Lower Upper
173 100
175 1175.2 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion:152 Resp: 73786
Ion Ratio Lower Upper
152 100
115 60.0 30.6 91.6
150 160.1 0.0 348.6

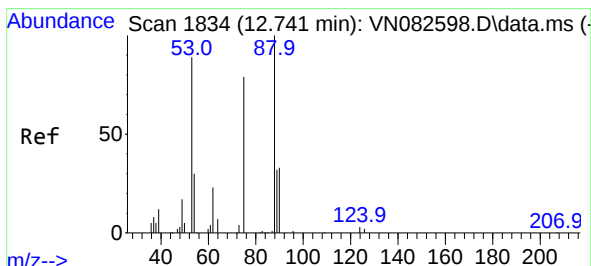
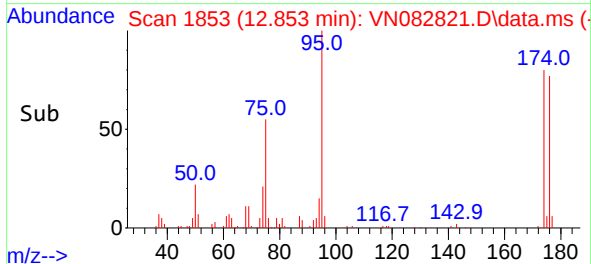
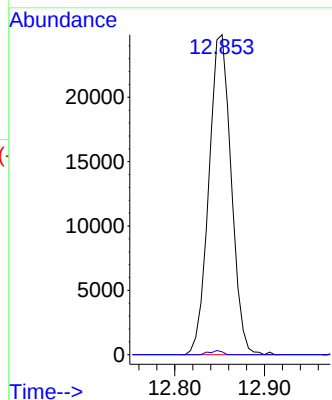
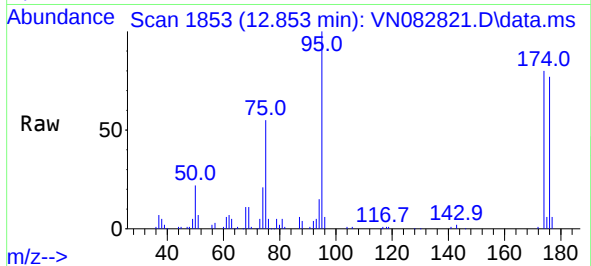




#76
1,2,3-Trichloropropane
Concen: 33.753 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

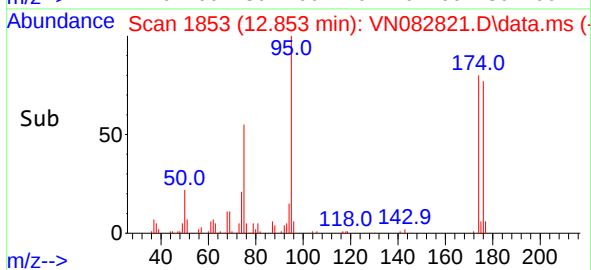
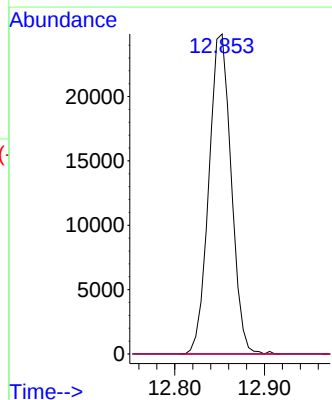
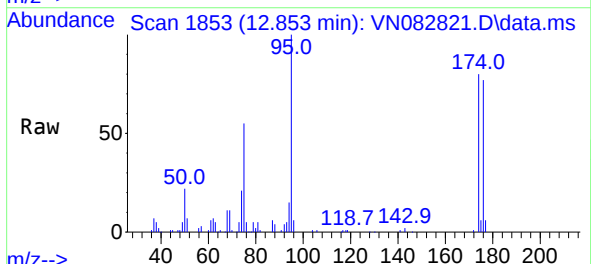
Instrument :
MSVOA_N
ClientSampleId :

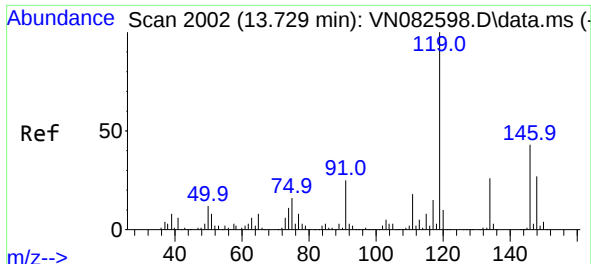
Tgt Ion: 75 Resp: 42938
Ion Ratio Lower Upper
75 100
77 0.7 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.383 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

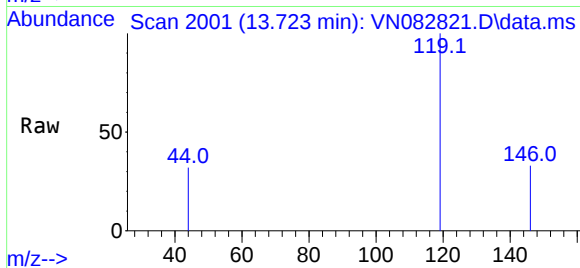
Tgt Ion: 75 Resp: 42938
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



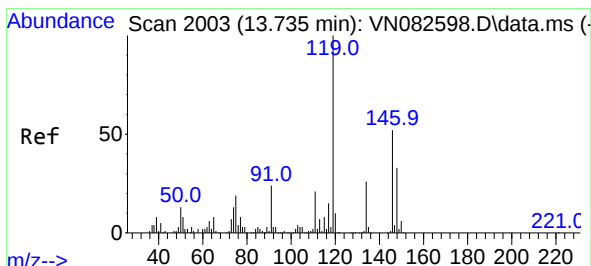
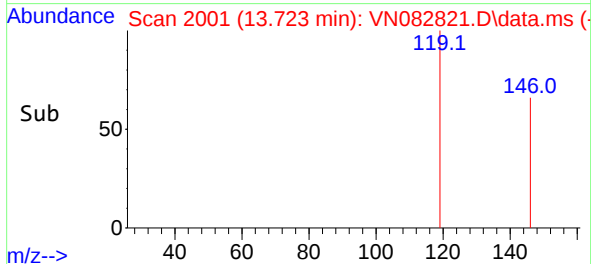
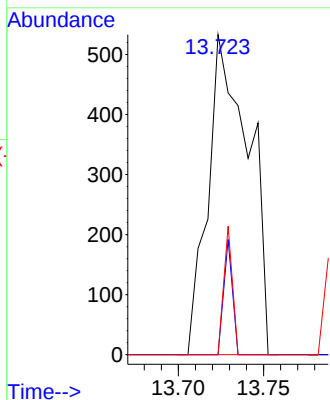


#86
p-Isopropyltoluene
Concen: 0.204 ug/l
RT: 13.723 min Scan# 2000
Delta R.T. -0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

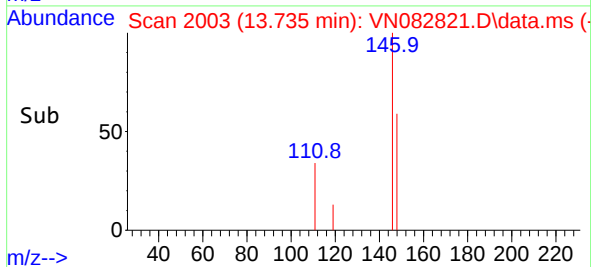
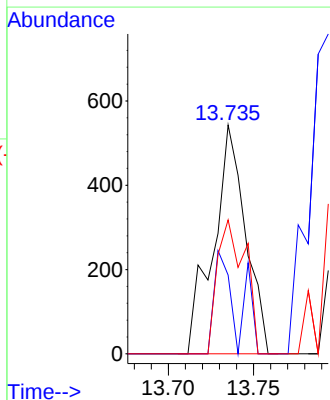
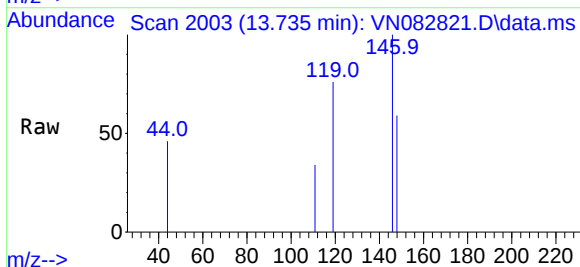


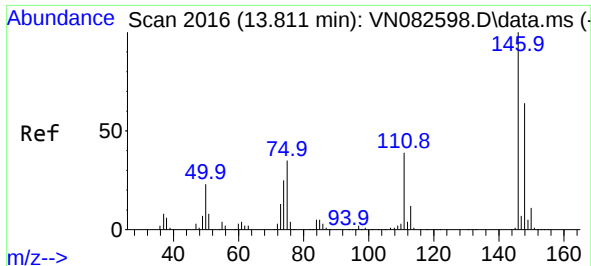
Tgt Ion:119 Resp: 882
Ion Ratio Lower Upper
119 100
134 7.7 13.0 39.0#
91 8.6 12.3 36.9#



#87
1,3-Dichlorobenzene
Concen: 0.287 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

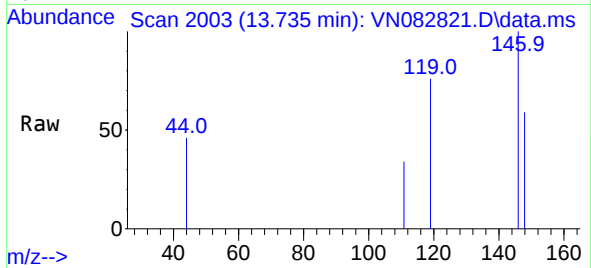
Tgt Ion:146 Resp: 718
Ion Ratio Lower Upper
146 100
111 21.2 20.6 61.9
148 50.1 31.8 95.3



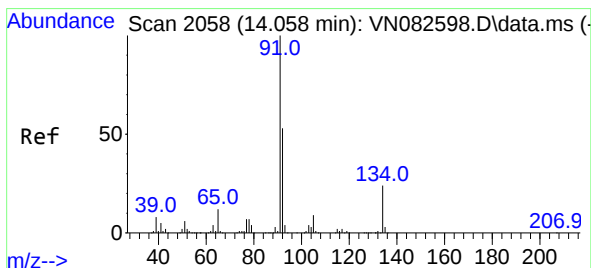
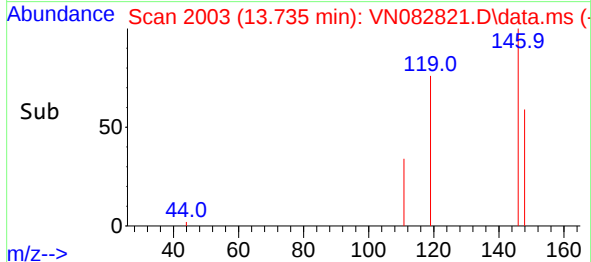
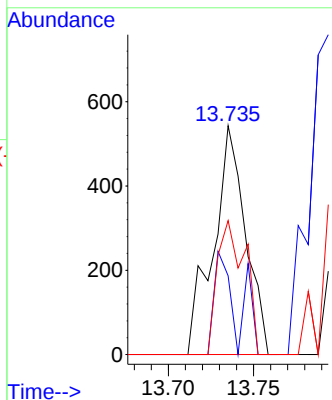


#88
1,4-Dichlorobenzene
Concen: 0.278 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.076 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

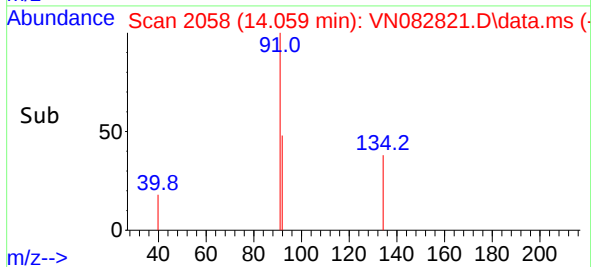
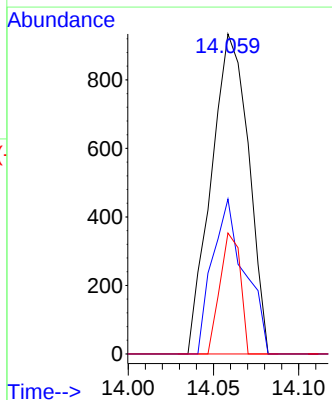
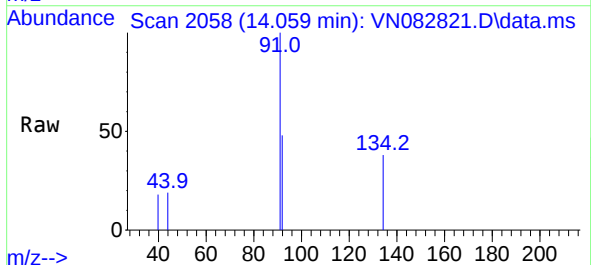


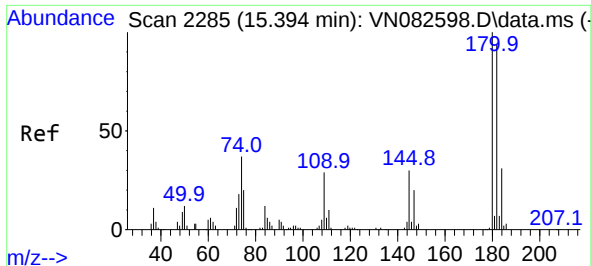
Tgt Ion:146 Resp: 718
Ion Ratio Lower Upper
146 100
111 21.2 20.1 60.3
148 50.1 32.2 96.6



#89
n-Butylbenzene
Concen: 0.383 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

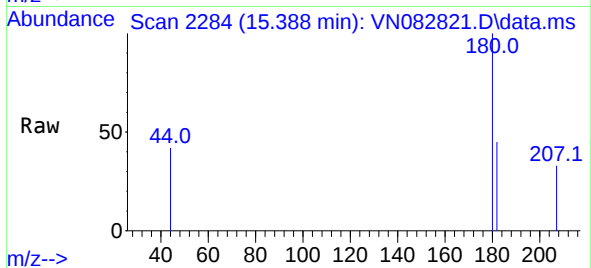
Tgt Ion: 91 Resp: 1423
Ion Ratio Lower Upper
91 100
92 42.0 26.1 78.3
134 20.6 12.1 36.3



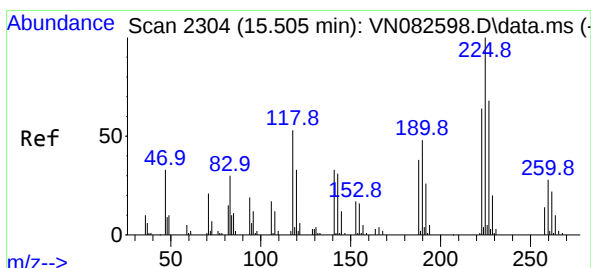
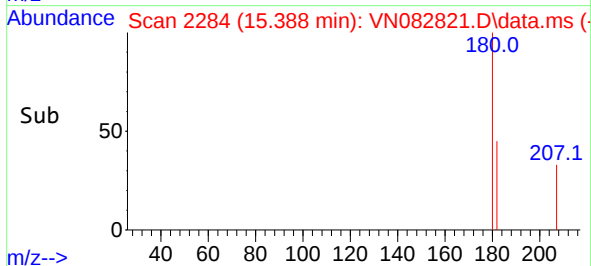
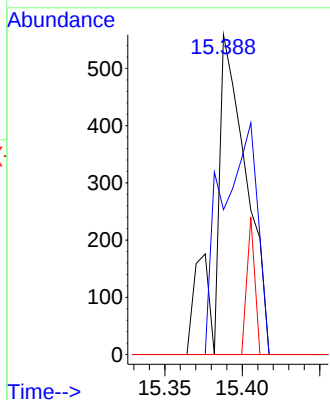


#93
1,2,4-Trichlorobenzene
Concen: 0.592 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

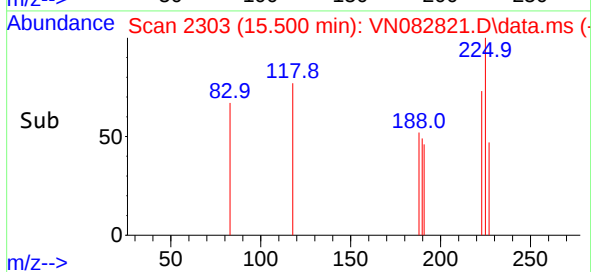
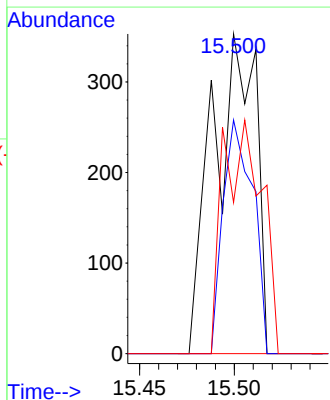
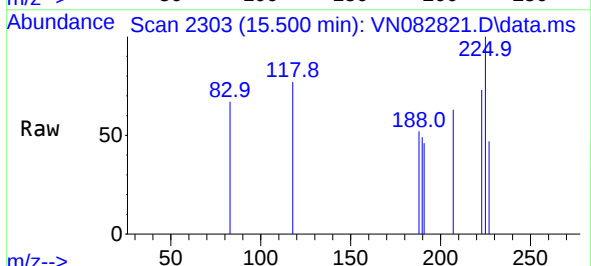


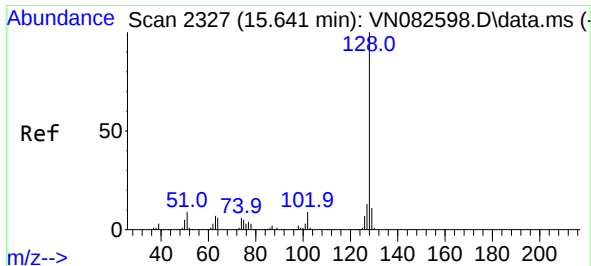
Tgt Ion:180 Resp: 774
Ion Ratio Lower Upper
180 100
182 82.8 47.3 141.8
145 11.0 15.7 47.1#



#94
Hexachlorobutadiene
Concen: 0.958 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

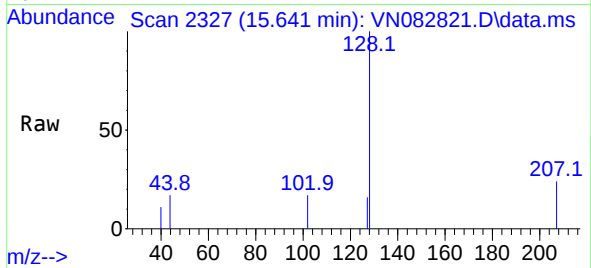
Tgt Ion:225 Resp: 555
Ion Ratio Lower Upper
225 100
223 51.0 31.9 95.7
227 65.8 32.5 97.5



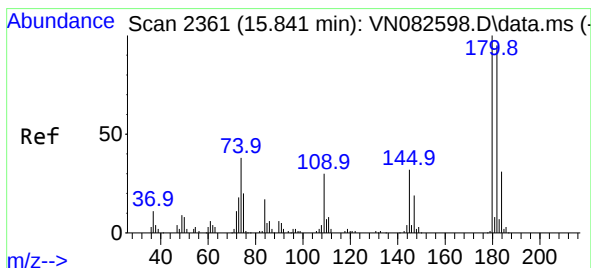
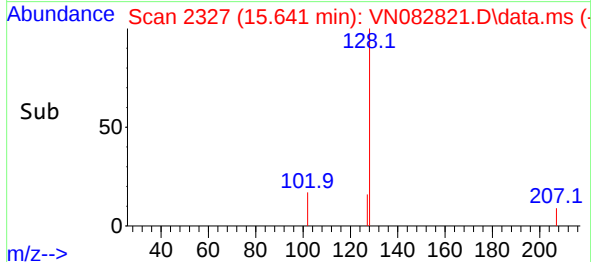
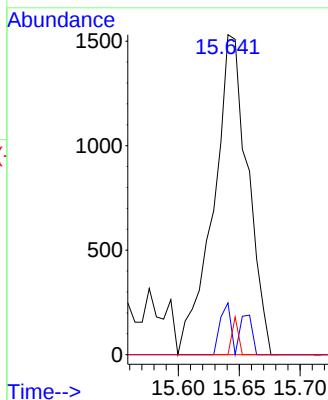


#95
Naphthalene
Concen: 0.671 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3003
Ion Ratio Lower Upper
128 100
127 5.0 10.6 16.0#
129 2.1 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.689 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion:180 Resp: 926
Ion Ratio Lower Upper
180 100
182 94.9 48.9 146.8
145 6.7 16.8 50.4#

