

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082793.D
 Acq On : 03 Jul 2024 11:03
 Operator : JC\MD
 Sample : VN0703MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 23:54:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

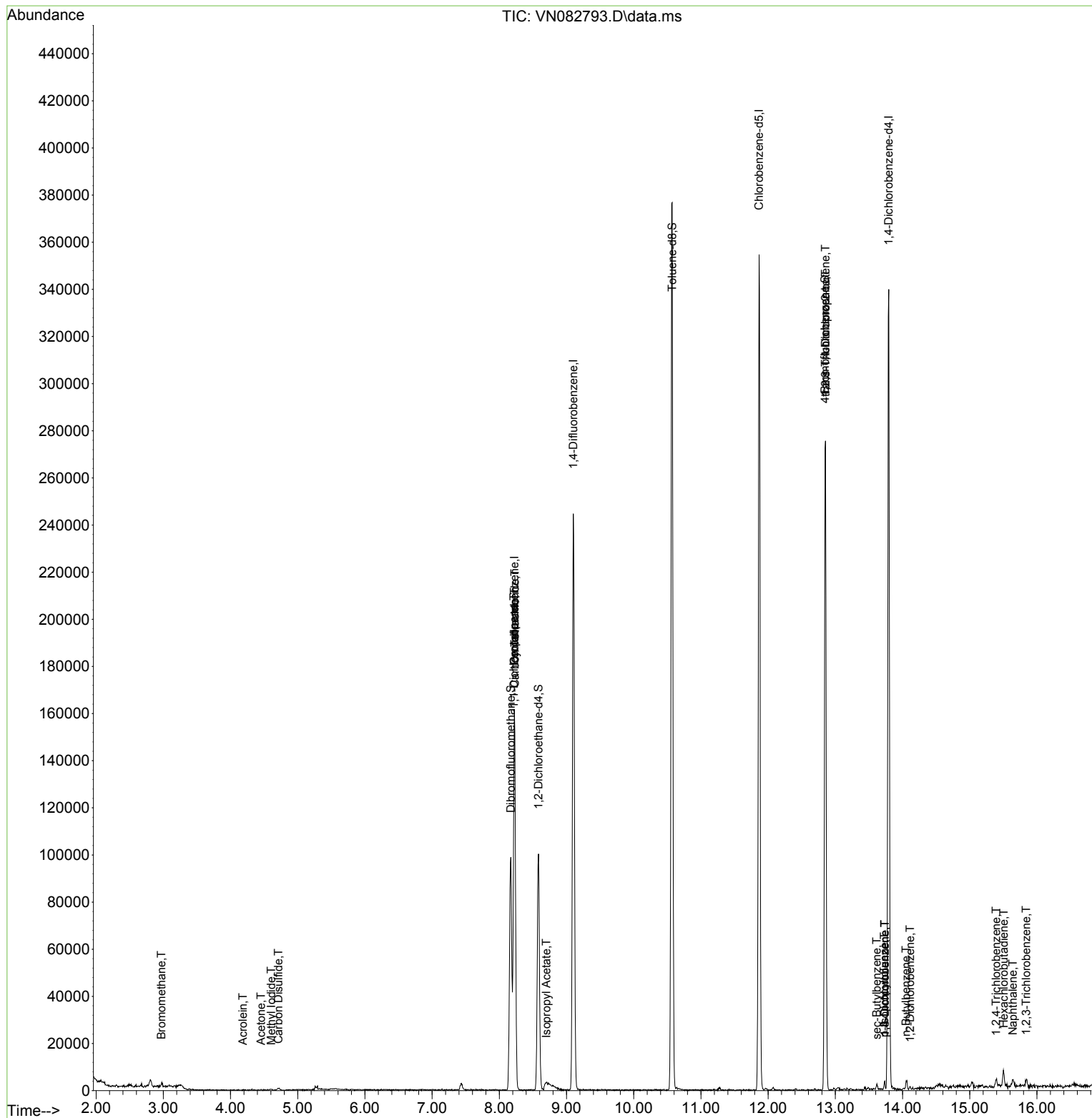
Internal Standards						
1) Pentafluorobenzene	8.224	168	115778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	210988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	84920	47.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.120%
35) Dibromofluoromethane	8.171	113	70705	50.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	10.571	98	262252	50.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.847	95	93265	52.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.560%
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	664	0.476	ug/l #	77
10) Methyl Iodide	4.606	142	719	0.566	ug/l #	38
13) Acrolein	4.183	56	190	1.095	ug/l #	14
16) Acetone	4.454	43	139	0.205	ug/l #	48
17) Carbon Disulfide	4.712	76	1829	0.432	ug/l #	75
31) Cyclohexane	8.224	56	2642	1.050	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	10116	5.066	ug/l #	52
38) Carbon Tetrachloride	8.230	117	12683	5.431	ug/l #	17
43) Isopropyl Acetate	8.700	43	3770	0.475	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	53645	27.407	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53645	71.474	ug/l #	6
85) sec-Butylbenzene	13.618	105	1807	0.285	ug/l	96
86) p-Isopropyltoluene	13.729	119	1195	0.235	ug/l	87
87) 1,3-Dichlorobenzene	13.735	146	888	0.285	ug/l	75
88) 1,4-Dichlorobenzene	13.735	146	888	0.274	ug/l	75
89) n-Butylbenzene	14.053	91	2669	0.593	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	642	0.217	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	987	0.684	ug/l	82
94) Hexachlorobutadiene	15.506	225	1153	1.765	ug/l	94
95) Naphthalene	15.641	128	4124	0.860	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.841	180	1378	0.895	ug/l	98

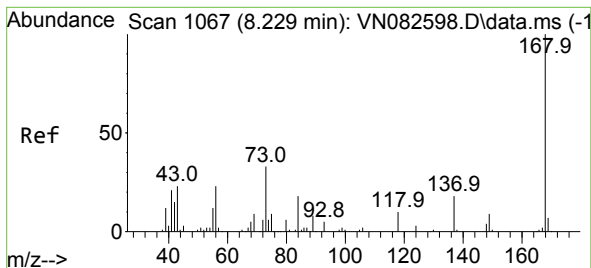
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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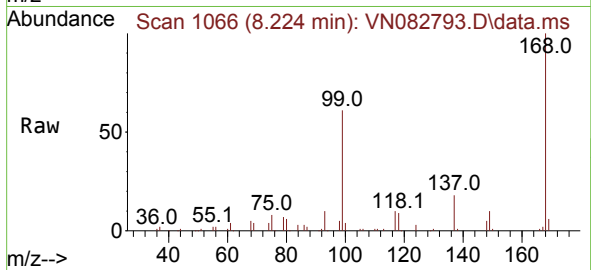
Quant Time: Jul 03 23:54:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
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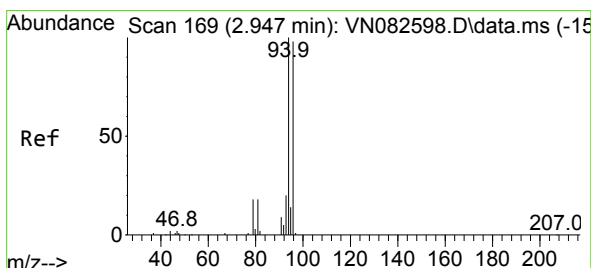
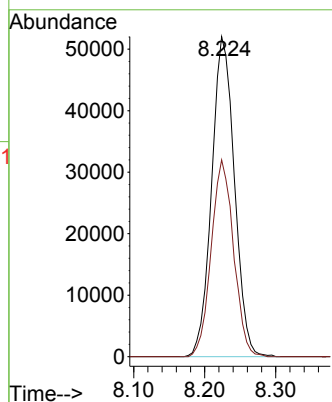
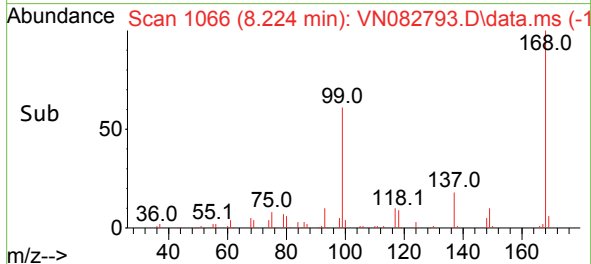


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

Instrument :
MSVOA_N
ClientSampleId :

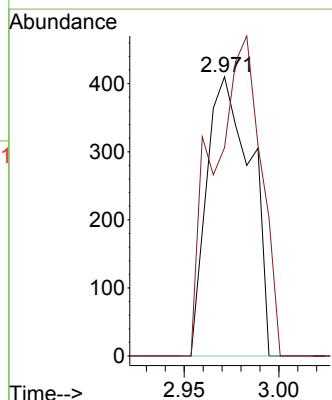
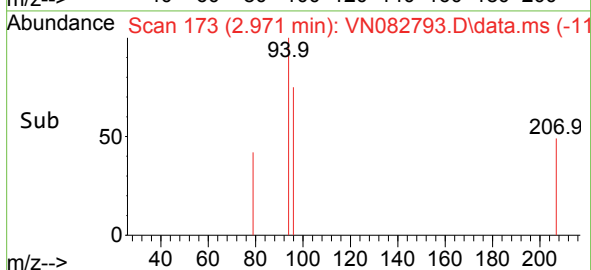
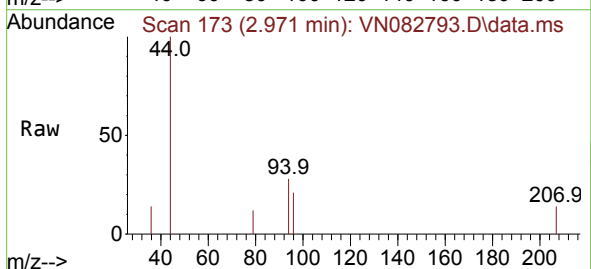


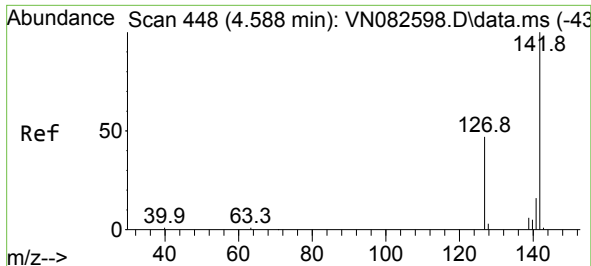
Tgt Ion:168 Resp: 115778
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#5
Bromomethane
Concen: 0.476 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

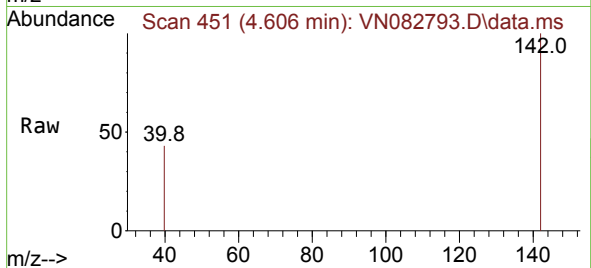
Tgt Ion: 94 Resp: 664
Ion Ratio Lower Upper
94 100
96 74.6 78.0 117.0#



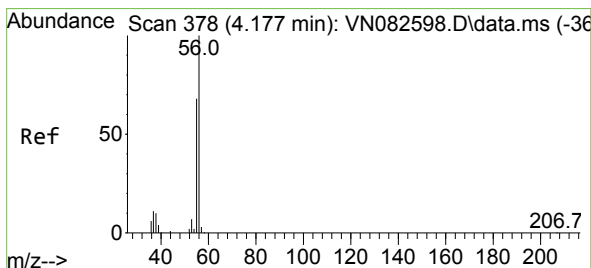
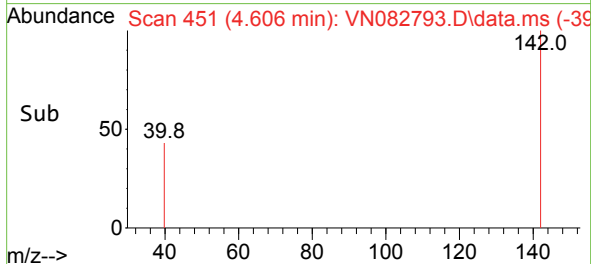
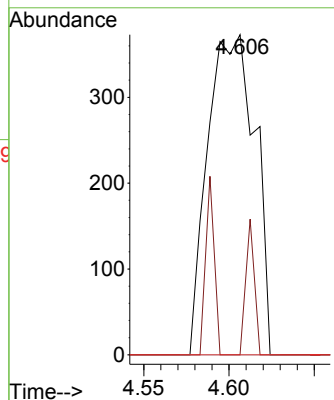


#10
Methyl Iodide
Concen: 0.566 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

Instrument :
MSVOA_N
ClientSampleId :

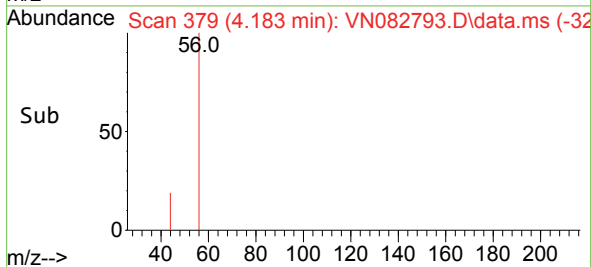
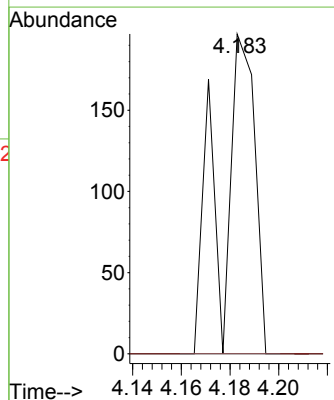
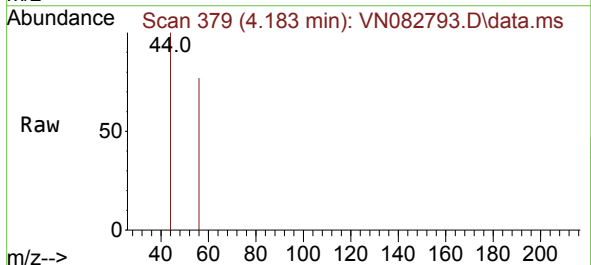


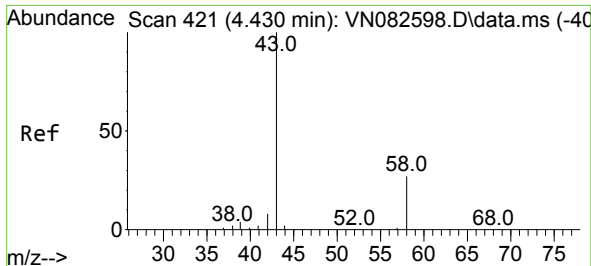
Tgt Ion:142 Resp: 719
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



#13
Acrolein
Concen: 1.095 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

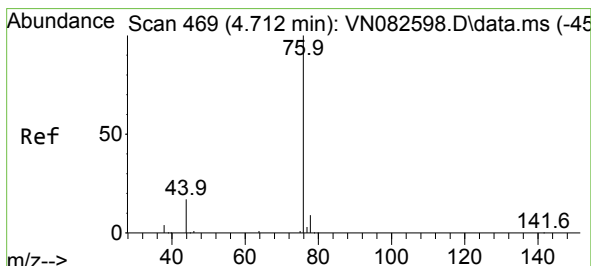
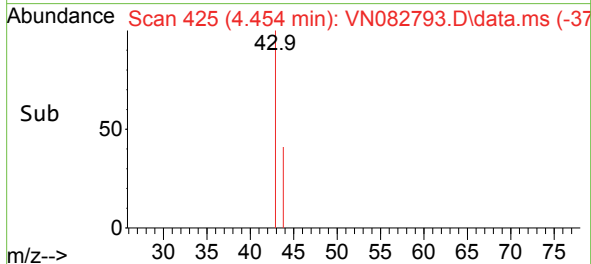
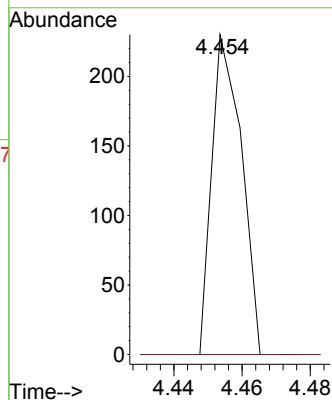
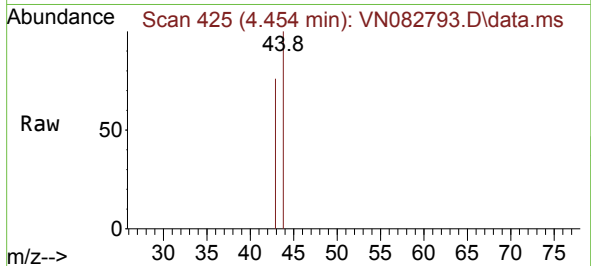




#16
Acetone
Concen: 0.205 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

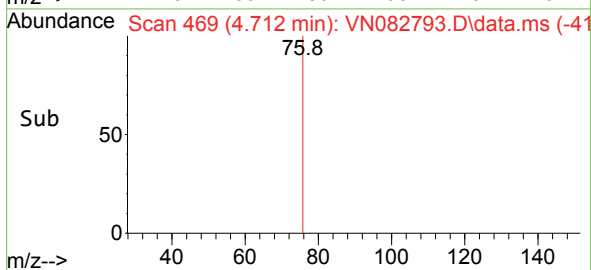
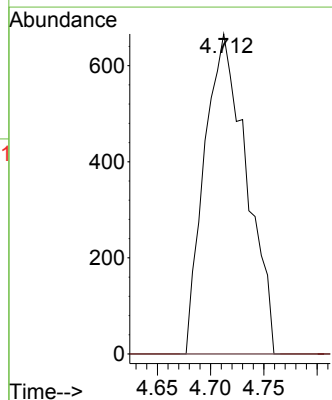
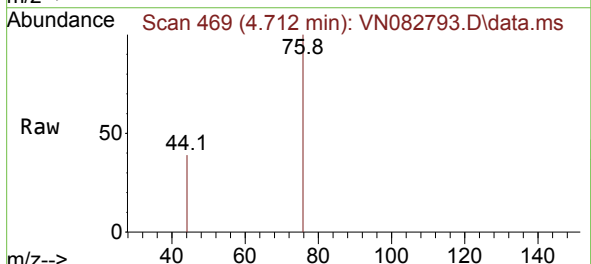
Instrument :
MSVOA_N
ClientSampleId :

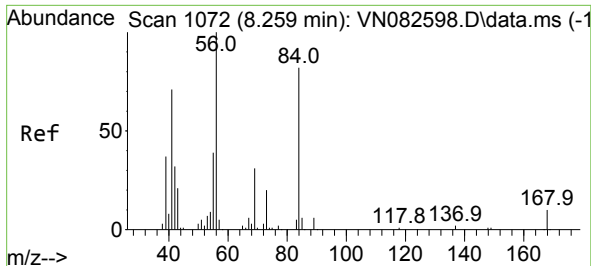
Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.432 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

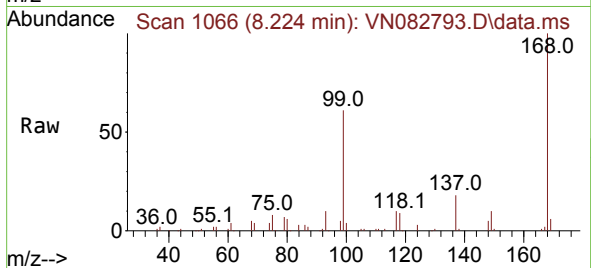
Tgt Ion: 76 Resp: 1829
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



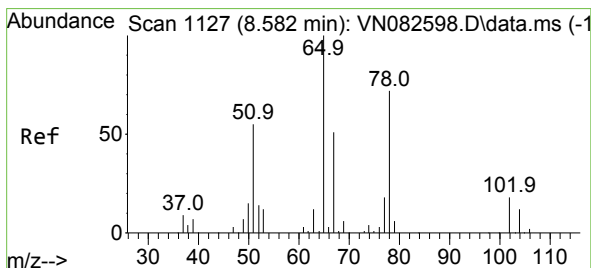
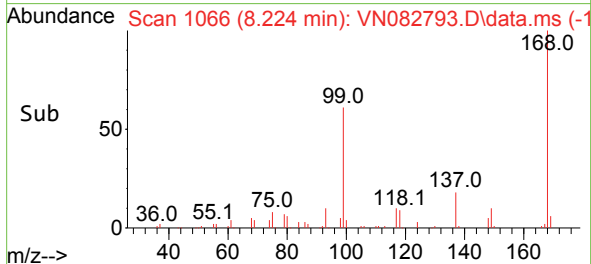
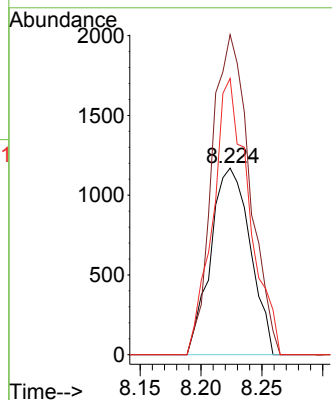


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

Instrument :
MSVOA_N
ClientSampleId :

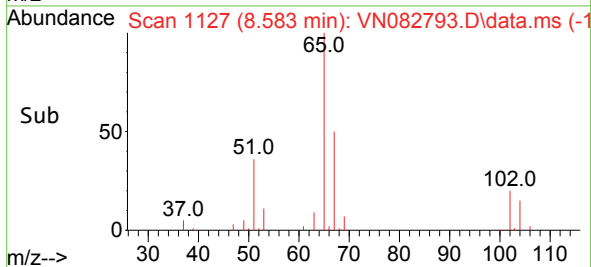
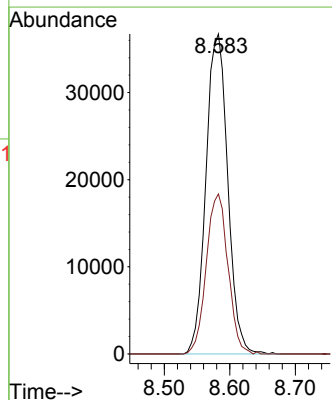
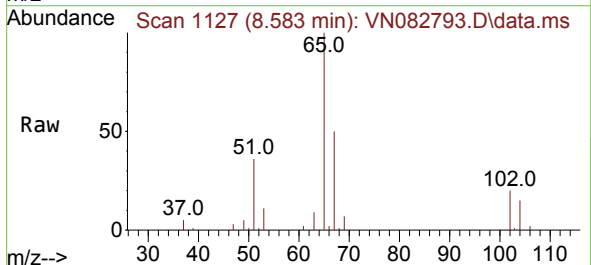


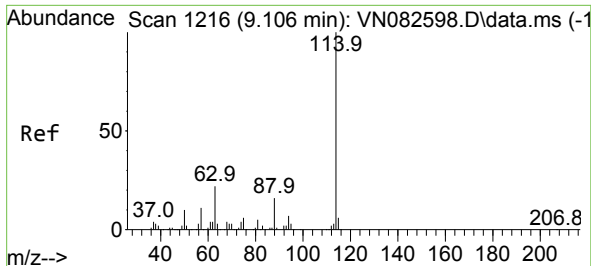
Tgt Ion: 56 Resp: 2642
Ion Ratio Lower Upper
56 100
69 171.5 24.5 36.7#
84 147.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 47.562 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

Tgt Ion: 65 Resp: 84920
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

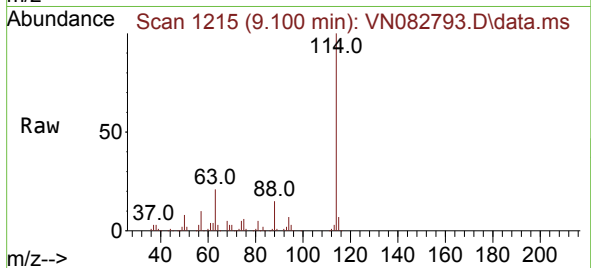
Lab File: VN082793.D

Acq: 03 Jul 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :



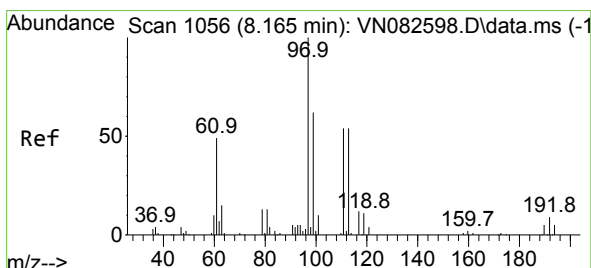
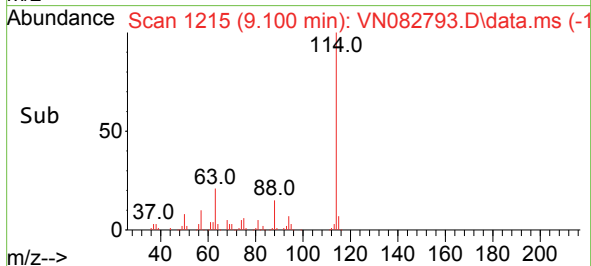
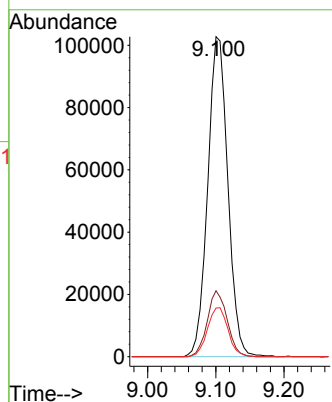
Tgt Ion:114 Resp: 210988

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.898 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082793.D

Acq: 03 Jul 2024 11:03

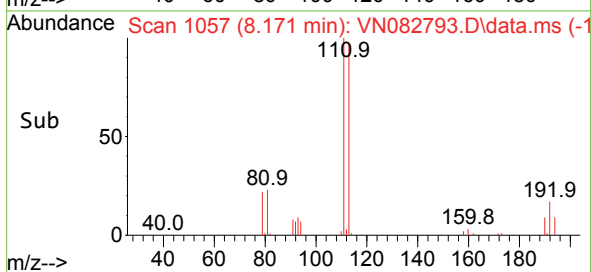
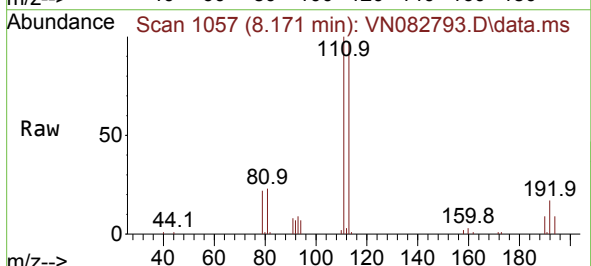
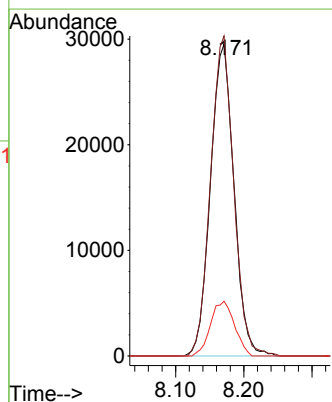
Tgt Ion:113 Resp: 70705

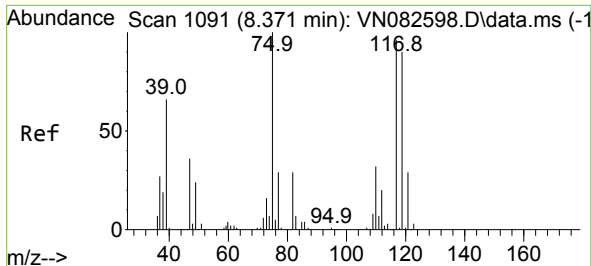
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.9 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.066 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

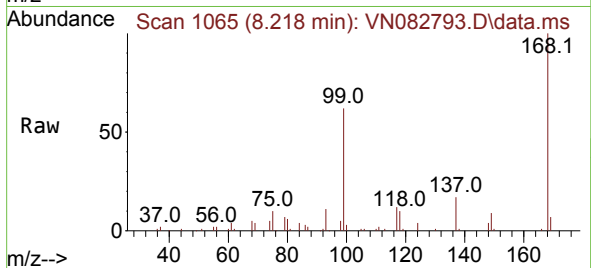
Lab File: VN082793.D

Acq: 03 Jul 2024 11:03

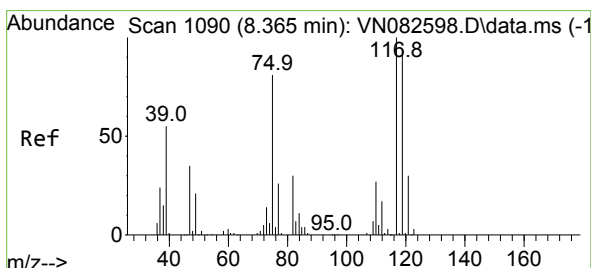
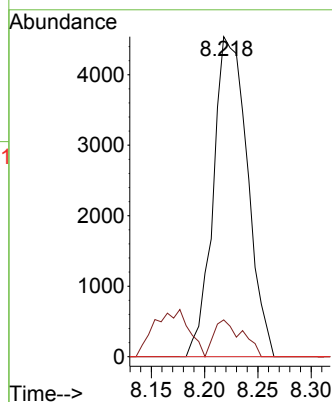
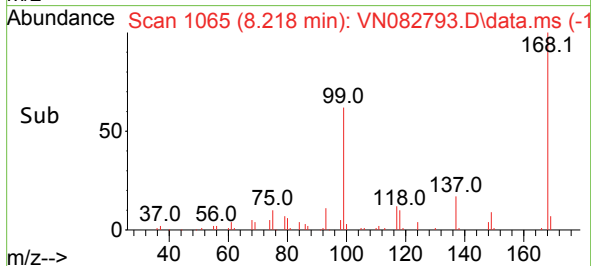
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	10116
Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.431 ug/l

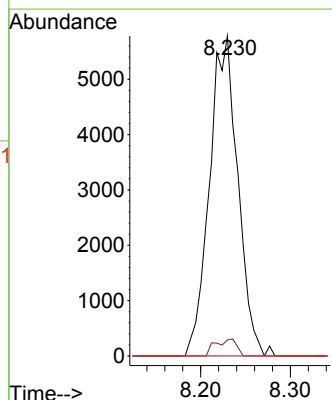
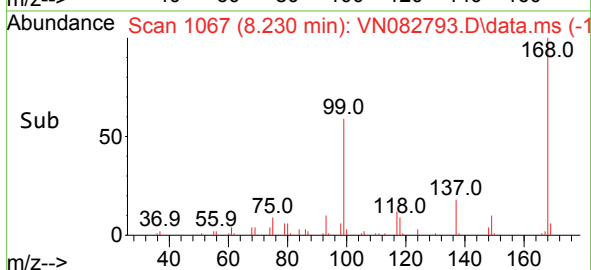
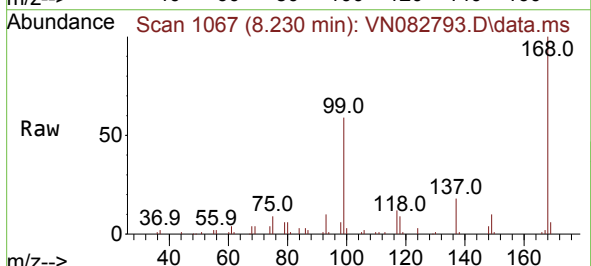
RT: 8.230 min Scan# 1067

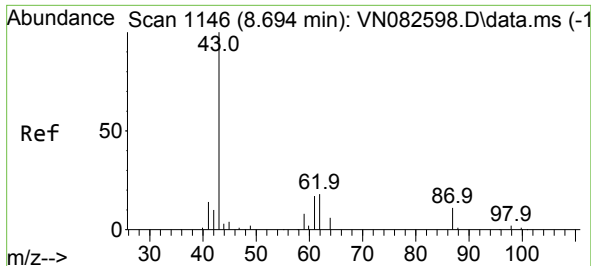
Delta R.T. -0.135 min

Lab File: VN082793.D

Acq: 03 Jul 2024 11:03

Tgt Ion:	117	Resp:	12683
Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.9	112.3#
121	0.0	24.3	36.5#

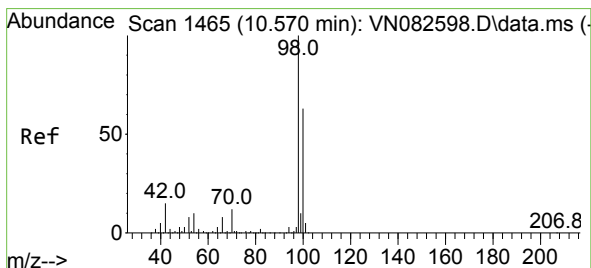
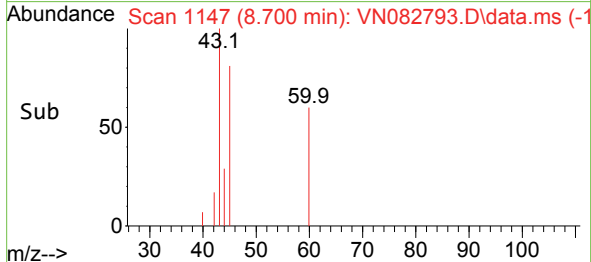
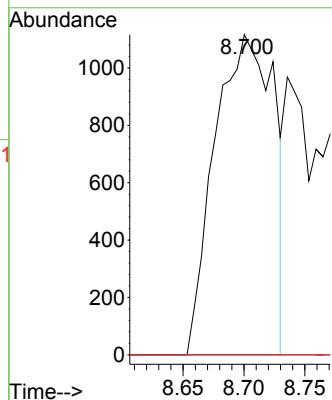
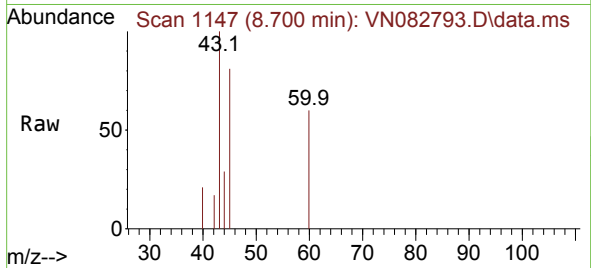




#43
Isopropyl Acetate
Concen: 0.475 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

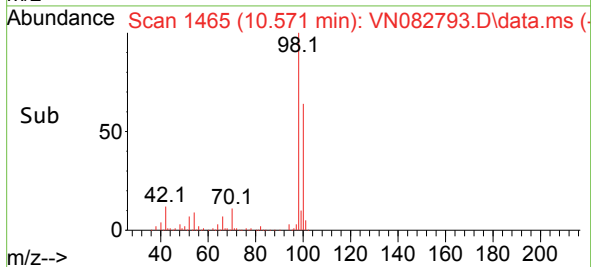
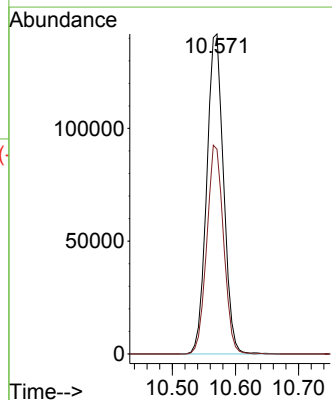
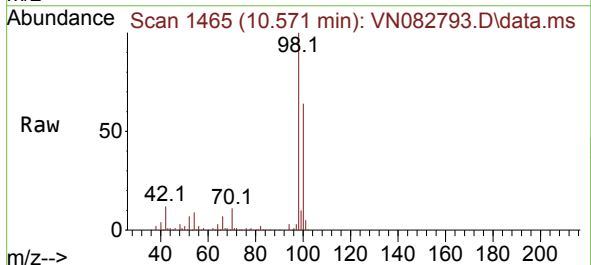
Instrument :
MSVOA_N
ClientSampleId :

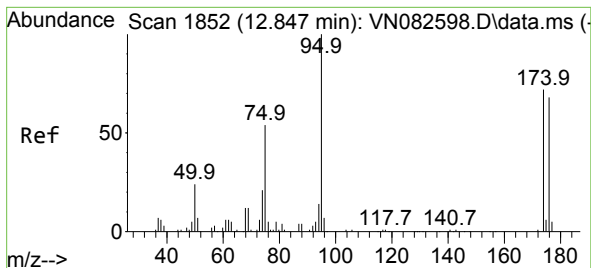
Tgt Ion: 43 Resp: 3770
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.481 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

Tgt Ion: 98 Resp: 262252
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

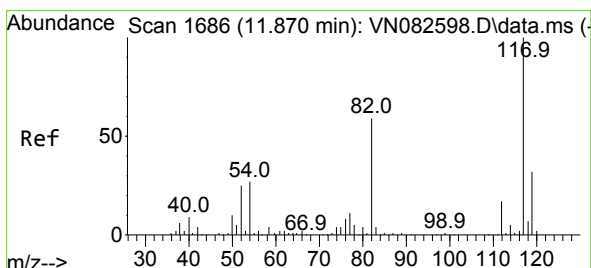
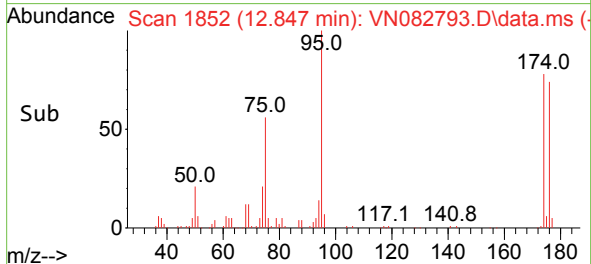
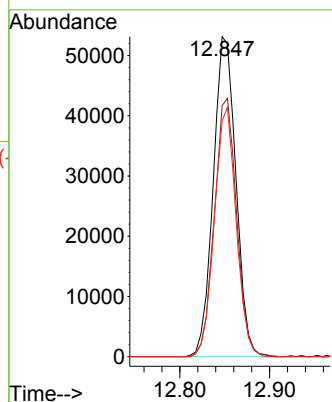
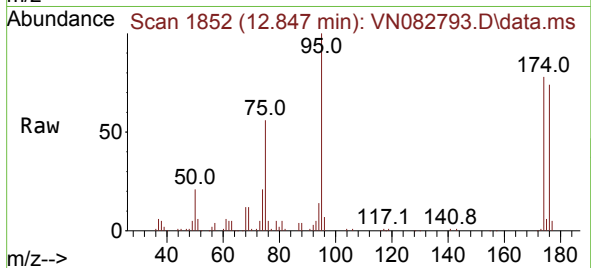




#62
4-Bromofluorobenzene
Concen: 52.276 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

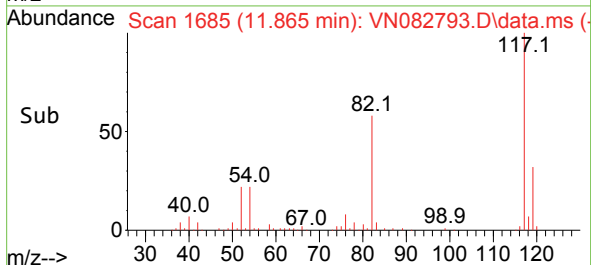
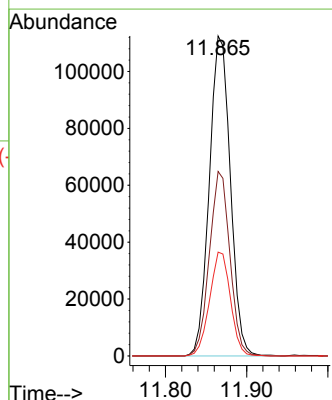
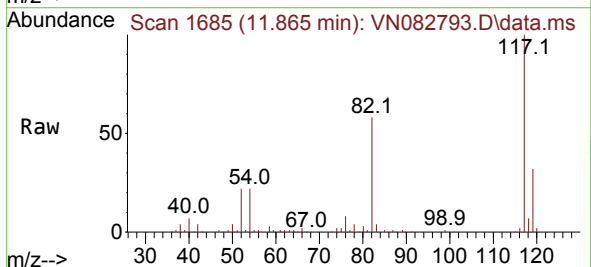
Instrument :
MSVOA_N
ClientSampleId :

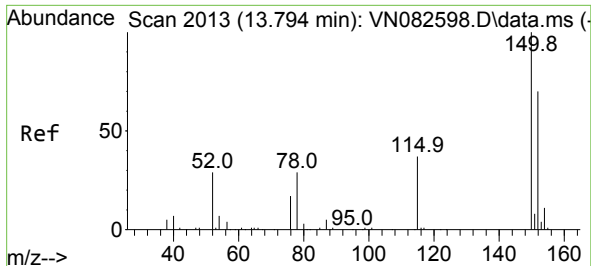
Tgt Ion: 95 Resp: 93265
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 74.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

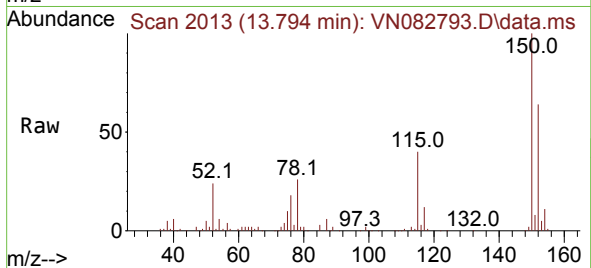
Tgt Ion: 117 Resp: 202134
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 32.5 25.6 38.4



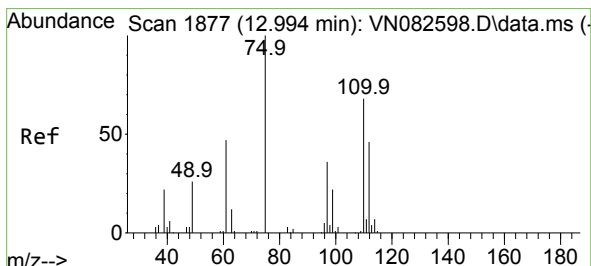
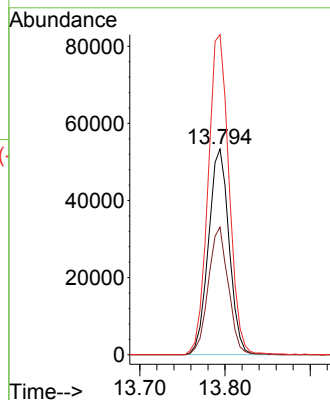
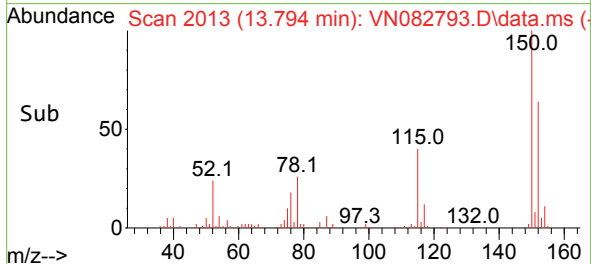


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082793.D
 Acq: 03 Jul 2024 11:03

Instrument :
 MSVOA_N
 ClientSampleId :

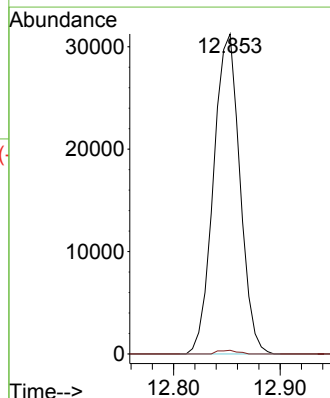
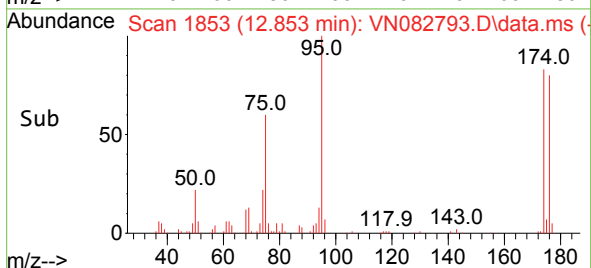
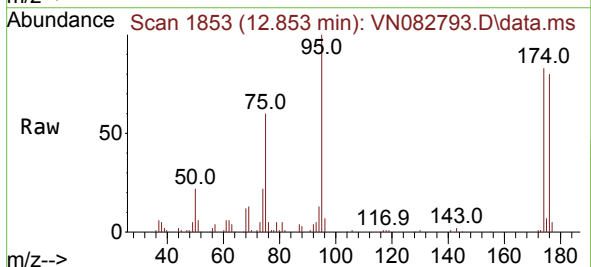


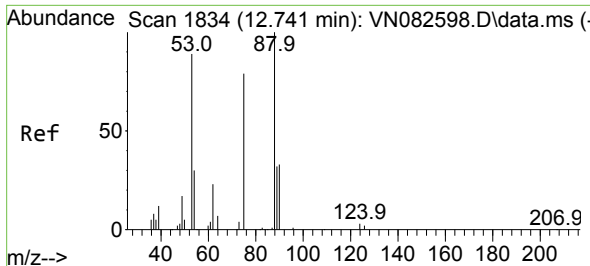
Tgt Ion:152 Resp: 89737
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.6 91.6
 150 157.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.407 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082793.D
 Acq: 03 Jul 2024 11:03

Tgt Ion: 75 Resp: 53645
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#

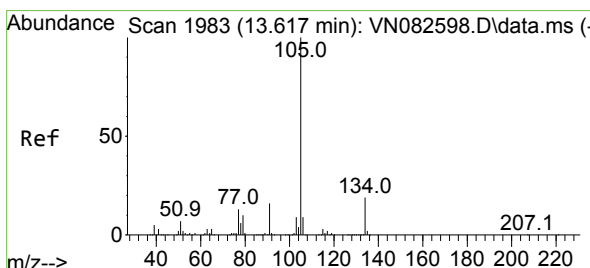
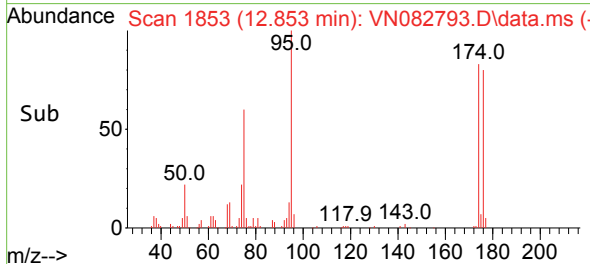
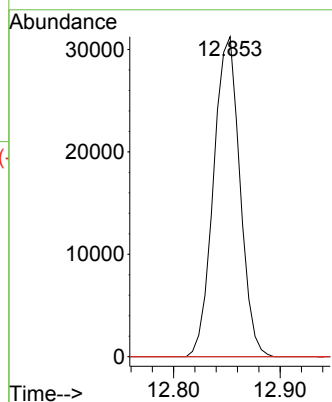
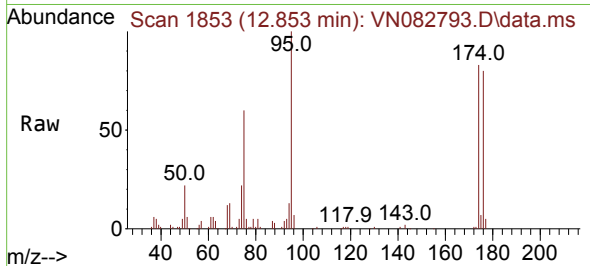




#81
trans-1,4-Dichloro-2-butene
Concen: 71.474 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

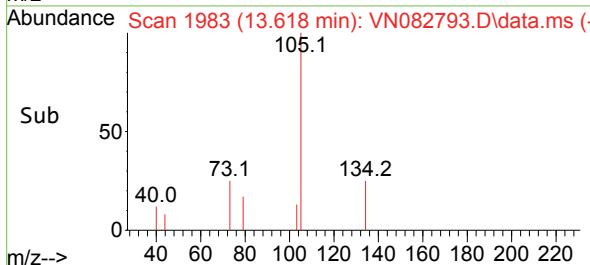
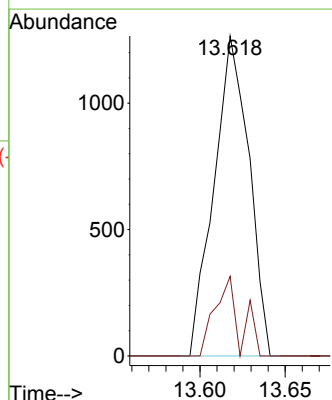
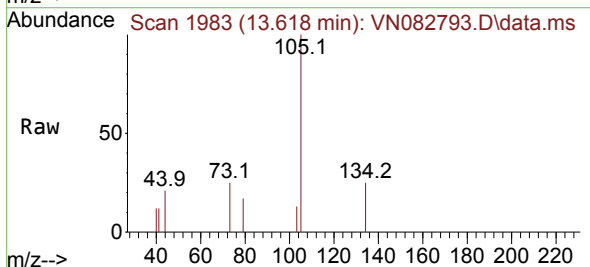
Instrument :
MSVOA_N
ClientSampleId :

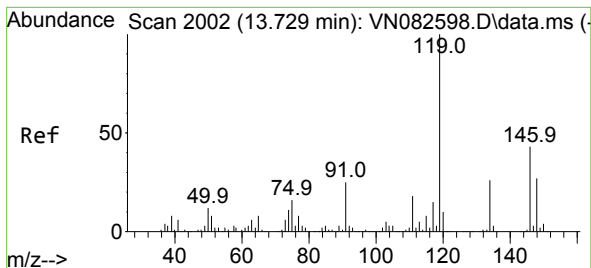
Tgt Ion: 75 Resp: 53645
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#85
sec-Butylbenzene
Concen: 0.285 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.001 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

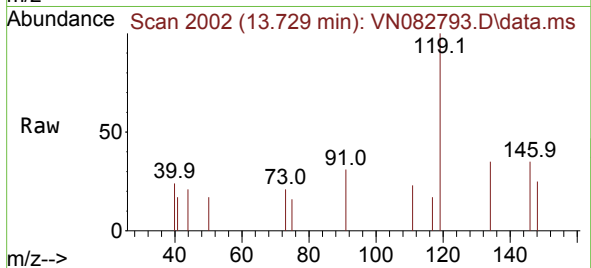
Tgt Ion: 105 Resp: 1807
Ion Ratio Lower Upper
105 100
134 17.8 9.8 29.3



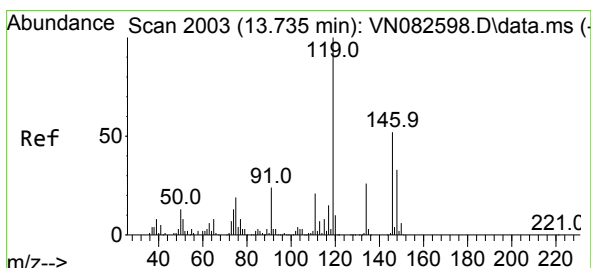
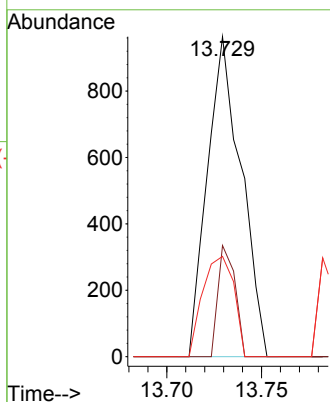
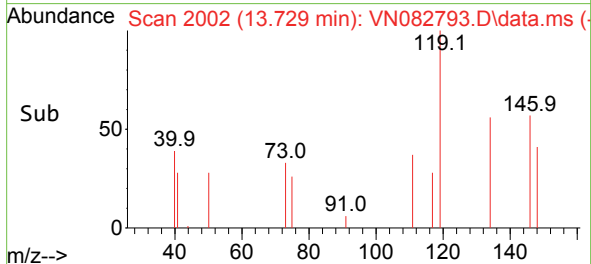


#86
p-Isopropyltoluene
Concen: 0.235 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

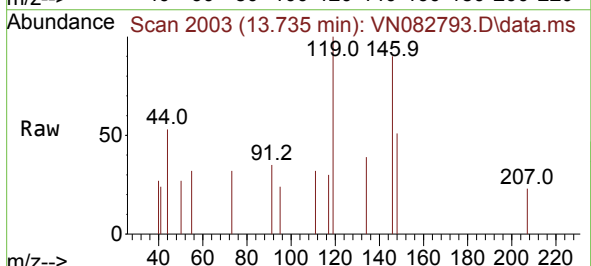
Instrument :
MSVOA_N
ClientSampleId :



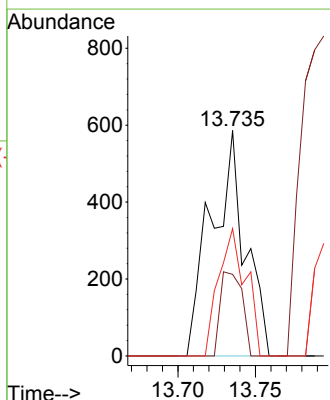
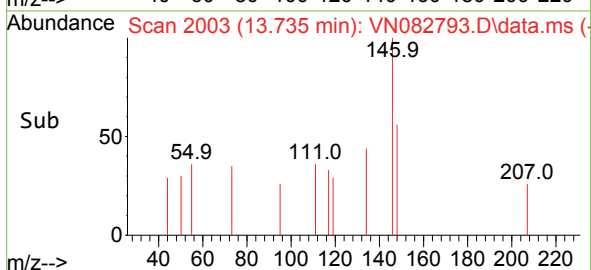
Tgt Ion:119 Resp: 1195
Ion Ratio Lower Upper
119 100
134 17.5 13.0 39.0
91 29.0 12.3 36.9

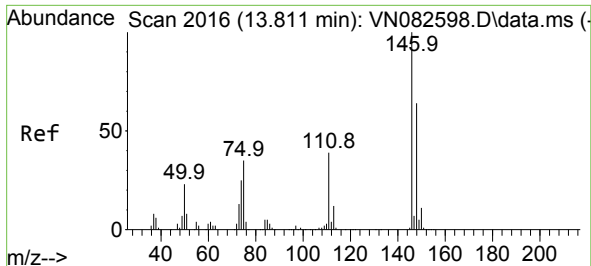


#87
1,3-Dichlorobenzene
Concen: 0.285 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03



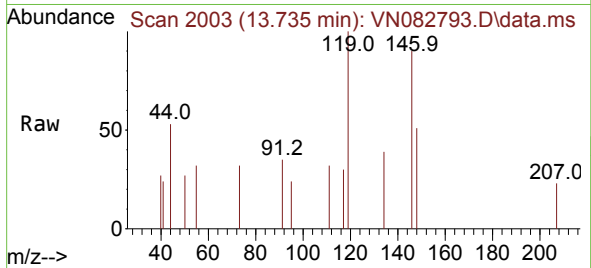
Tgt Ion:146 Resp: 888
Ion Ratio Lower Upper
146 100
111 24.1 20.6 61.9
148 45.6 31.8 95.3



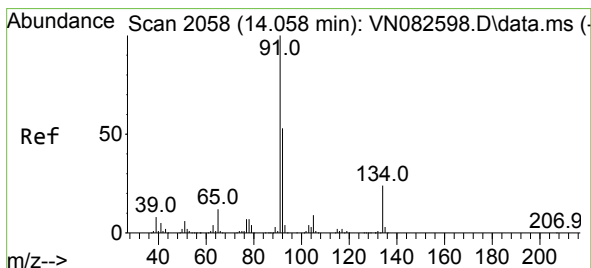
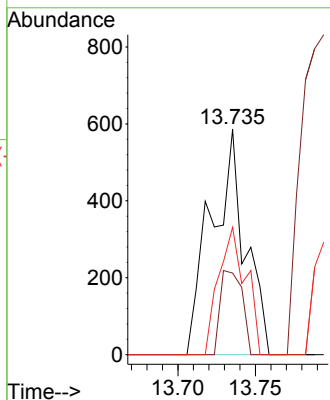
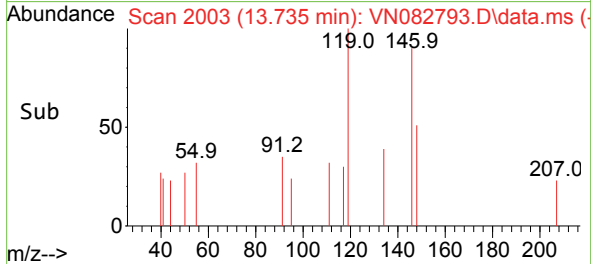


#88
1,4-Dichlorobenzene
Concen: 0.274 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.076 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

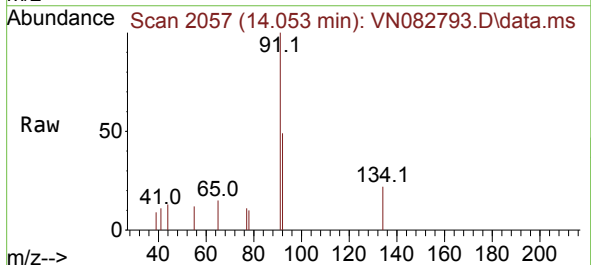
Instrument :
MSVOA_N
ClientSampleId :



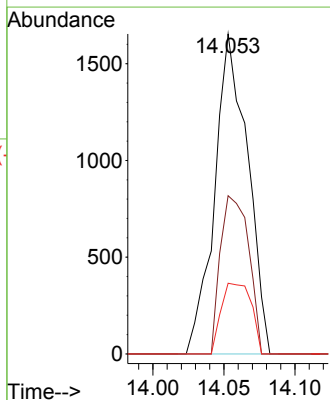
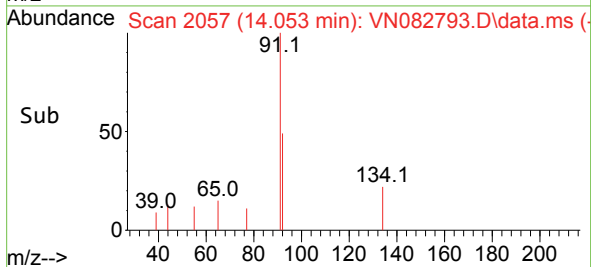
Tgt Ion:146 Resp: 888
Ion Ratio Lower Upper
146 100
111 24.1 20.1 60.3
148 45.6 32.2 96.6

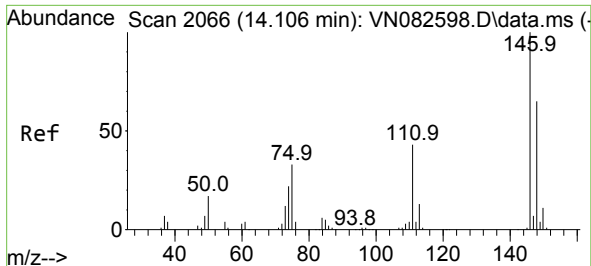


#89
n-Butylbenzene
Concen: 0.593 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.005 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03



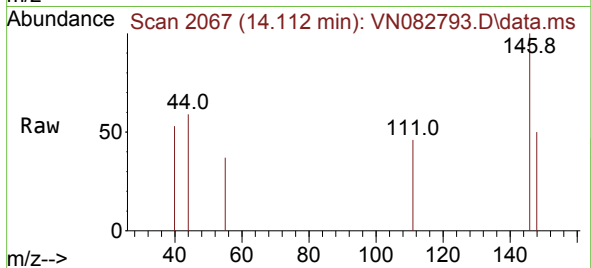
Tgt Ion: 91 Resp: 2669
Ion Ratio Lower Upper
91 100
92 42.4 26.1 78.3
134 20.0 12.1 36.3



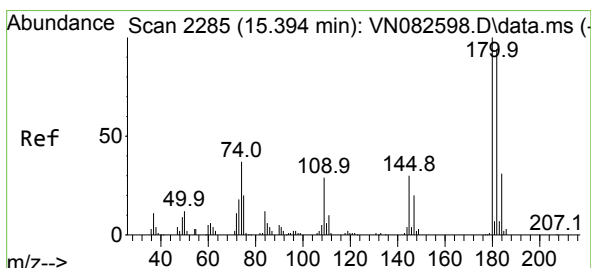
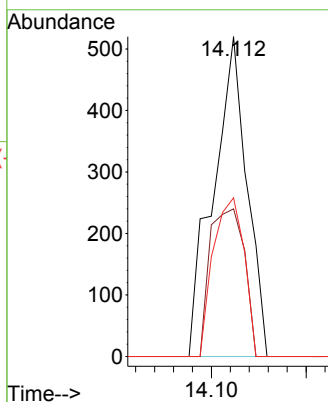
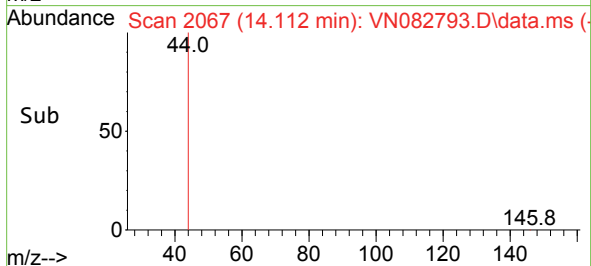


#91
1,2-Dichlorobenzene
Concen: 0.217 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03

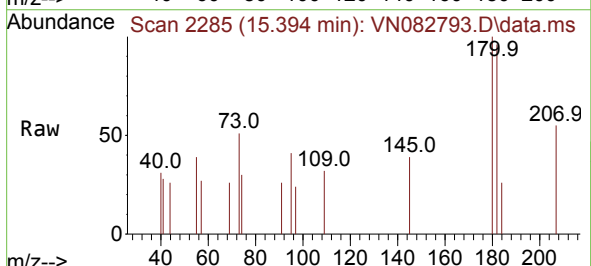
Instrument :
MSVOA_N
ClientSampleId :



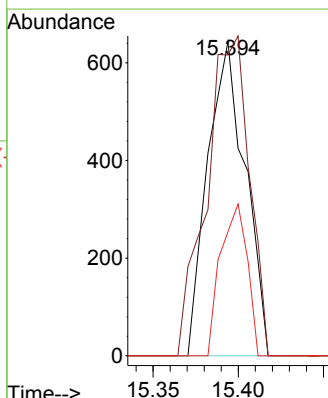
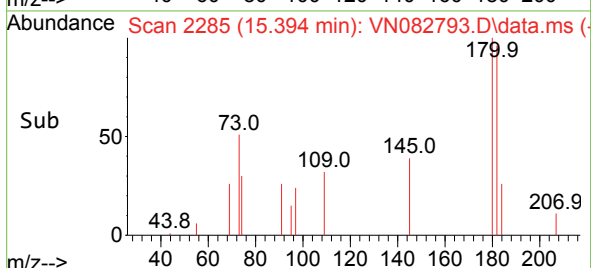
Tgt Ion:146 Resp: 642
Ion Ratio Lower Upper
146 100
111 47.2 21.4 64.2
148 45.3 32.1 96.5

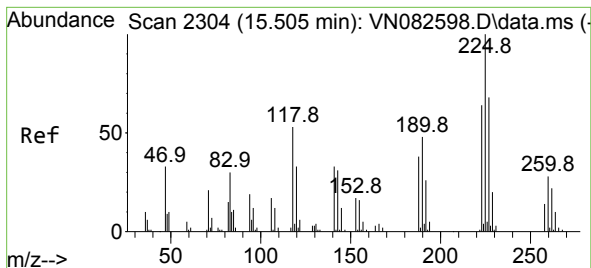


#93
1,2,4-Trichlorobenzene
Concen: 0.684 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082793.D
Acq: 03 Jul 2024 11:03



Tgt Ion:180 Resp: 987
Ion Ratio Lower Upper
180 100
182 115.7 47.3 141.8
145 34.1 15.7 47.1





#94

Hexachlorobutadiene

Concen: 1.765 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.001 min

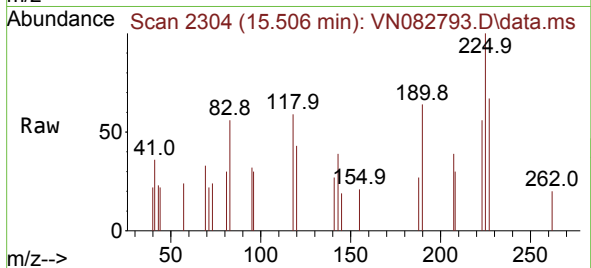
Lab File: VN082793.D

Acq: 03 Jul 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :



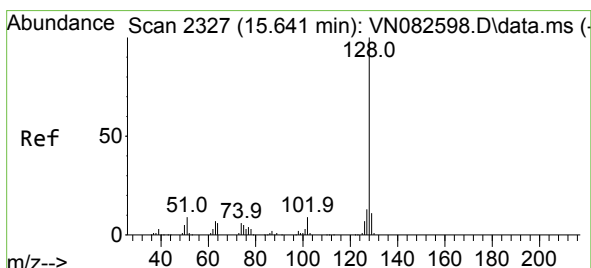
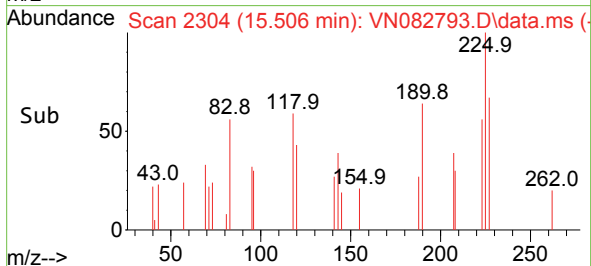
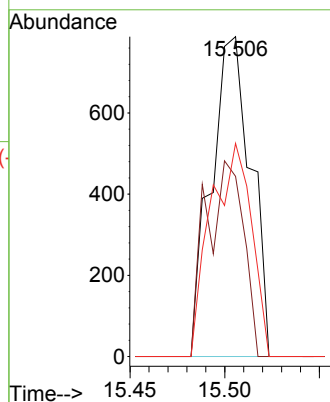
Tgt Ion:225 Resp: 1153

Ion Ratio Lower Upper

225 100

223 57.2 31.9 95.7

227 67.8 32.5 97.5



#95

Naphthalene

Concen: 0.860 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082793.D

Acq: 03 Jul 2024 11:03

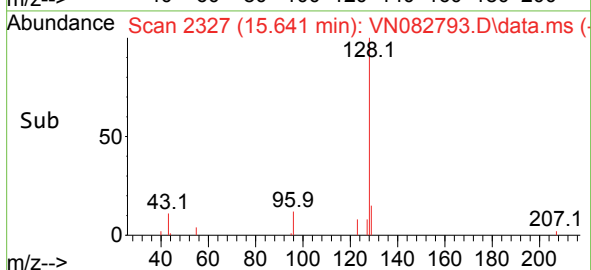
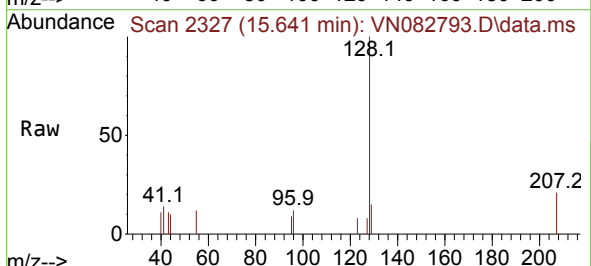
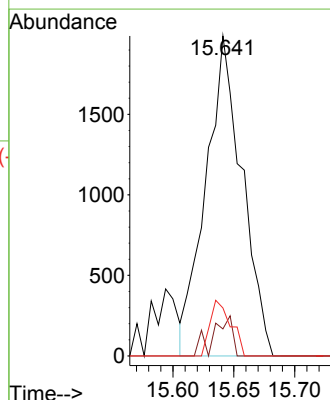
Tgt Ion:128 Resp: 4124

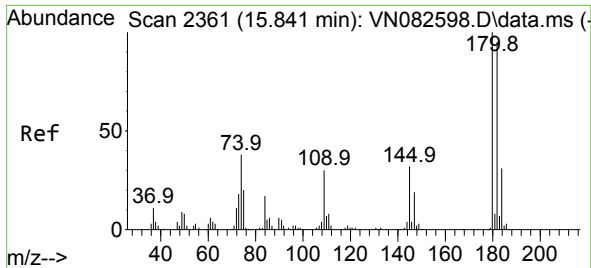
Ion Ratio Lower Upper

128 100

127 6.7 10.6 16.0#

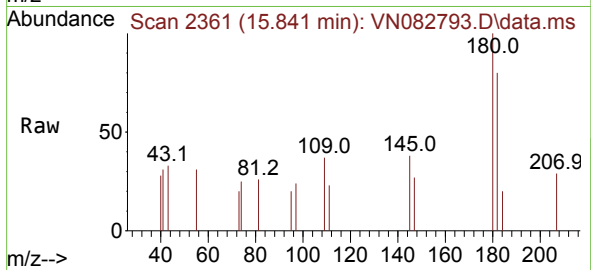
129 10.0 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.895 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN082793.D
 Acq: 03 Jul 2024 11:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1378
Ion	Ratio	Lower	Upper
180	100		
182	98.8	48.9	146.8
145	37.1	16.8	50.4

