

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081402.D
 Acq On : 14 Mar 2024 11:56
 Operator : JC\MD
 Sample : VN0314MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314MBL01

Quant Time: Mar 15 01:09:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

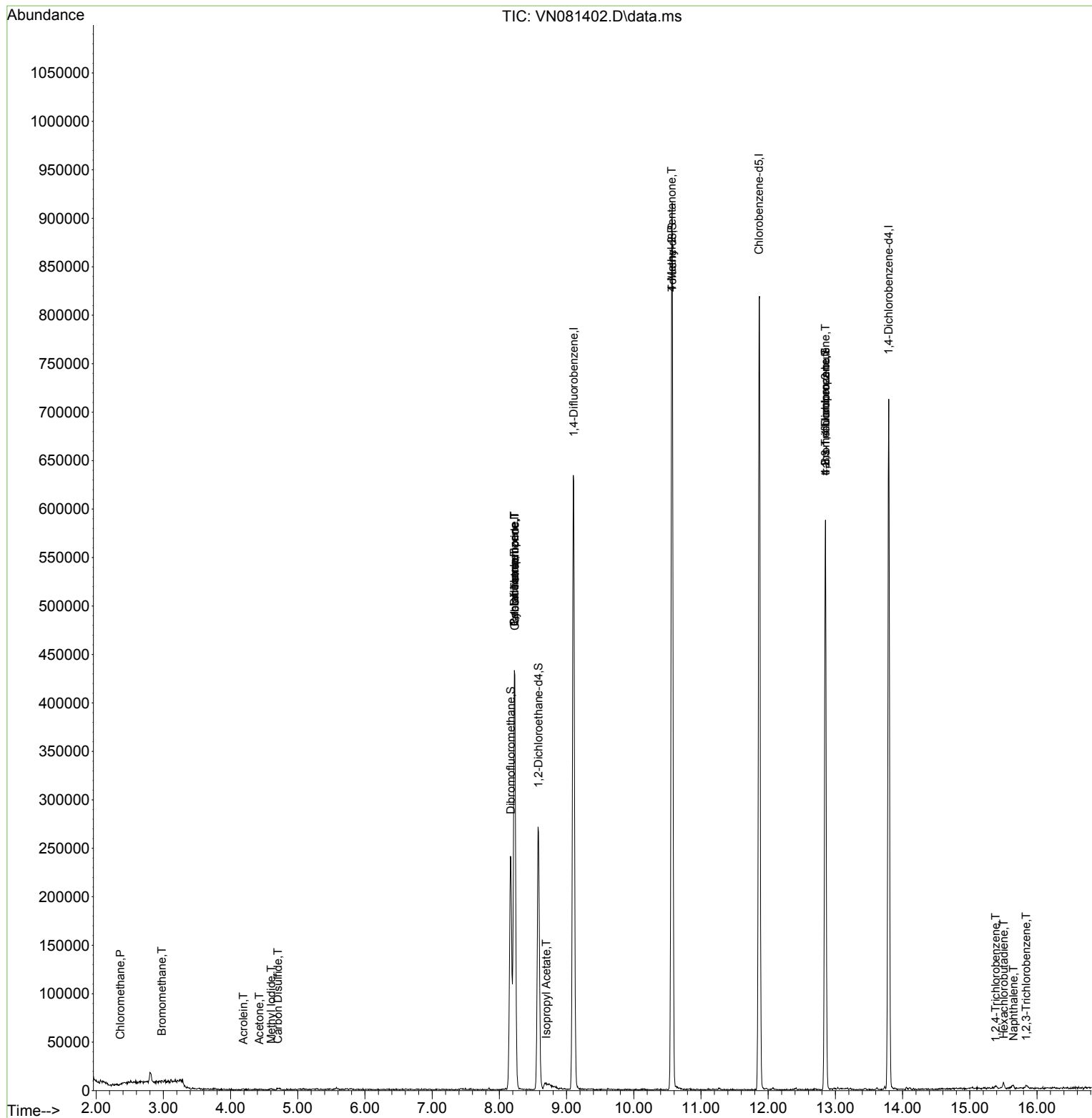
Internal Standards						
1) Pentafluorobenzene	8.224	168	290492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	458851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	222638	53.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	8.171	113	172168	52.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	10.571	98	633665	51.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.853	95	198925	45.843	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.680%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	868	0.209	ug/l #	43
5) Bromomethane	2.977	94	1519	0.524	ug/l #	55
10) Methyl Iodide	4.606	142	1276	0.381	ug/l #	39
13) Acrolein	4.189	56	855	0.983	ug/l #	57
16) Acetone	4.430	43	547	0.368	ug/l #	44
17) Carbon Disulfide	4.706	76	3615	0.374	ug/l #	78
20) Methylene Chloride	5.294	84	254	Below Cal	#	37
31) Cyclohexane	8.224	56	8484	1.334	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	28503	5.379	ug/l #	49
38) Carbon Tetrachloride	8.230	117	34134	6.401	ug/l #	17
43) Isopropyl Acetate	8.700	43	6268	0.691	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	3542	0.673	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	108272	26.025	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	108272	72.630	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.388	180	734	0.225	ug/l #	62
94) Hexachlorobutadiene	15.506	225	813	0.602	ug/l #	59
95) Naphthalene	15.653	128	5350	0.460	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.841	180	1388	0.419	ug/l	96

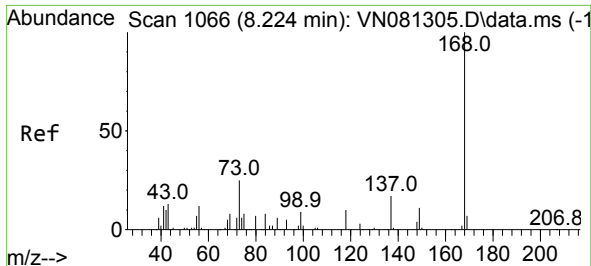
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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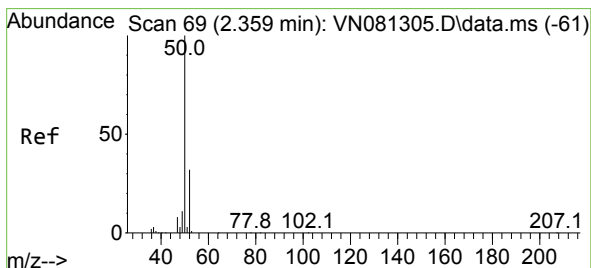
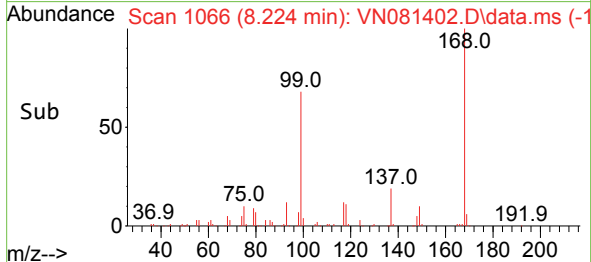
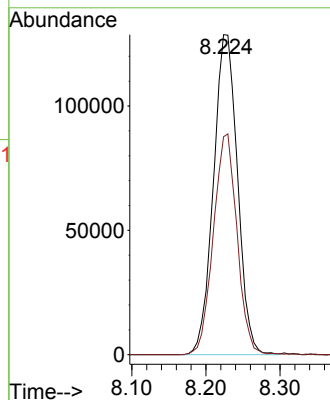
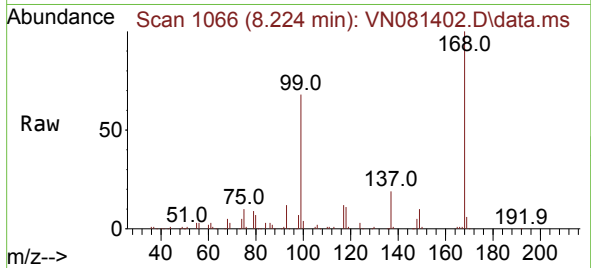




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

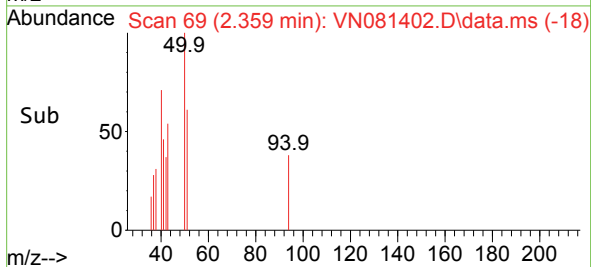
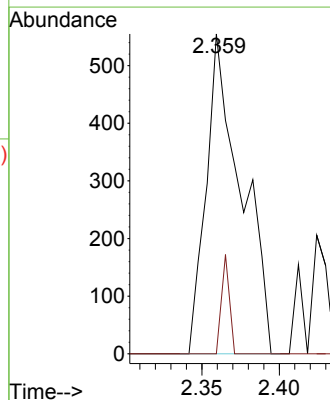
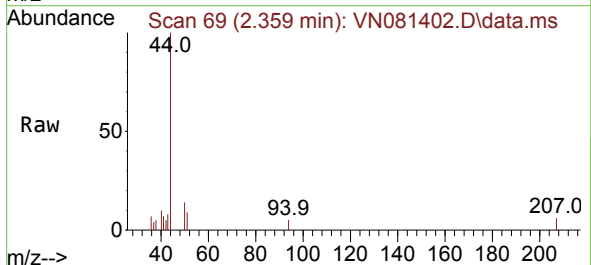
Instrument :
MSVOA_N
ClientSampleId :
VN0314MBL01

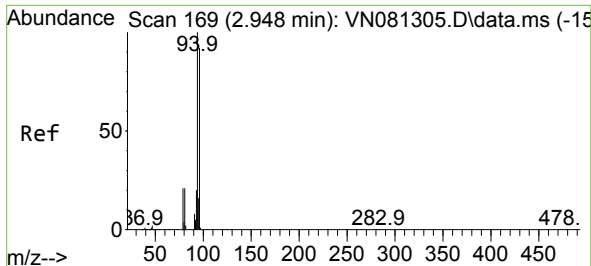
Tgt Ion:168 Resp: 290492
Ion Ratio Lower Upper
168 100
99 68.1 59.9 89.9



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion: 50 Resp: 868
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

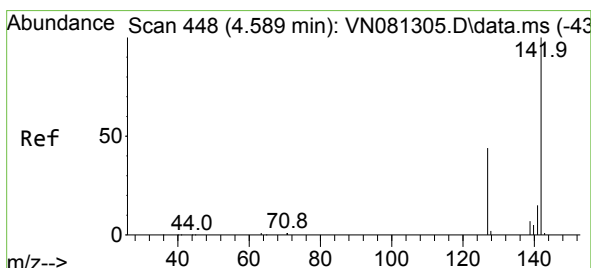
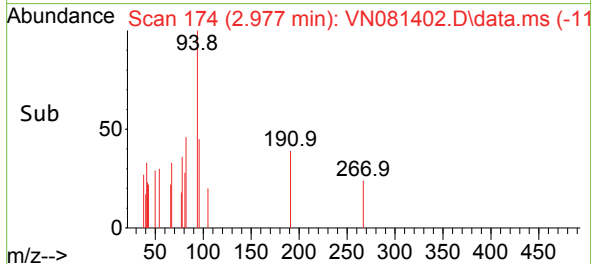
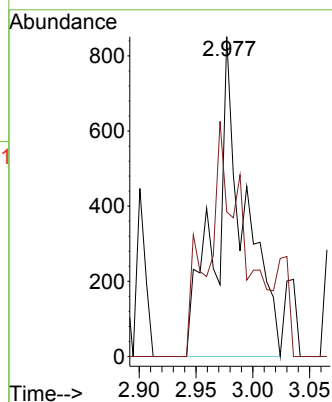
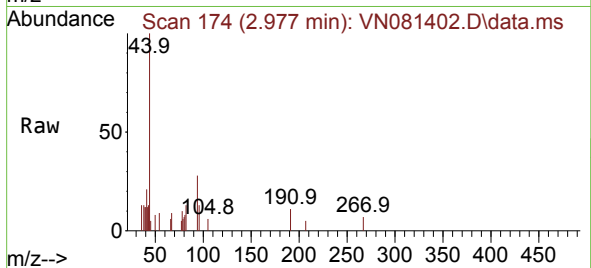




#5
Bromomethane
Concen: 0.524 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

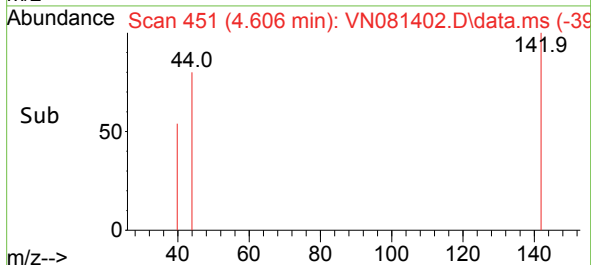
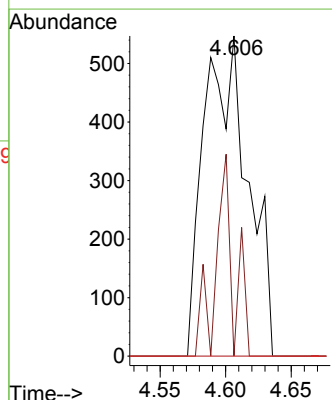
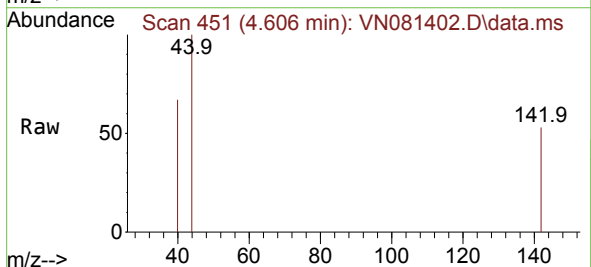
Instrument :
MSVOA_N
ClientSampleId :
VN0314MBL01

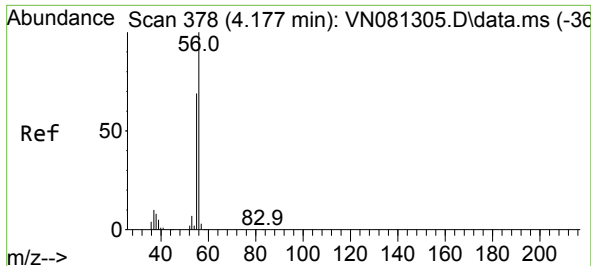
Tgt Ion: 94 Resp: 1519
Ion Ratio Lower Upper
94 100
96 45.2 69.2 103.8#



#10
Methyl Iodide
Concen: 0.381 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion: 142 Resp: 1276
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#





#13

Acrolein

Concen: 0.983 ug/l

RT: 4.189 min Scan# 378

Delta R.T. 0.012 min

Lab File: VN081402.D

Acq: 14 Mar 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

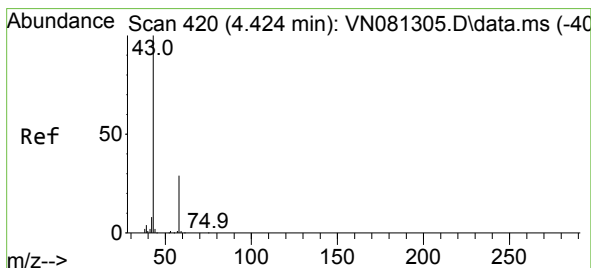
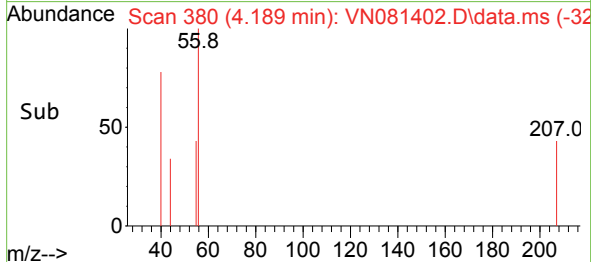
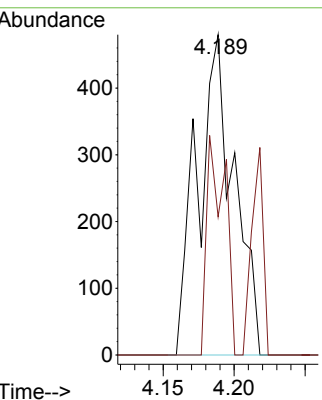
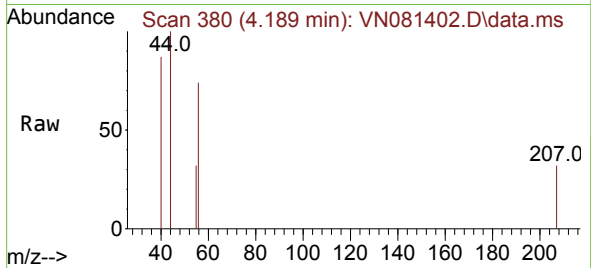
VN0314MBL01

Tgt Ion: 56 Resp: 855

Ion Ratio Lower Upper

56 100

55 34.3 55.3 82.9#



#16

Acetone

Concen: 0.368 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN081402.D

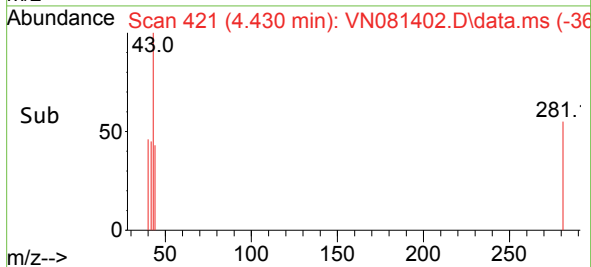
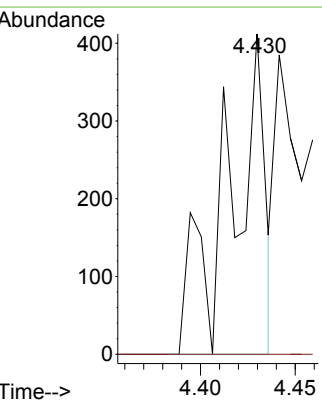
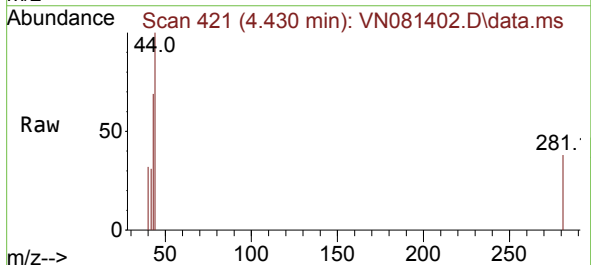
Acq: 14 Mar 2024 11:56

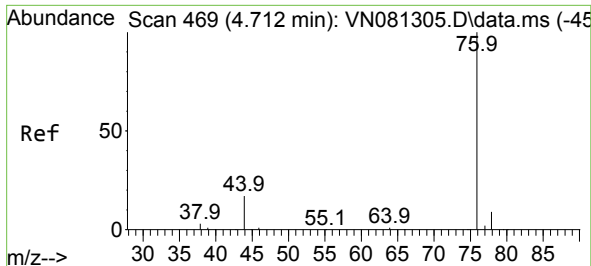
Tgt Ion: 43 Resp: 547

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#

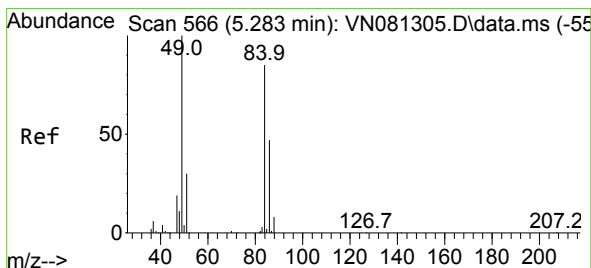
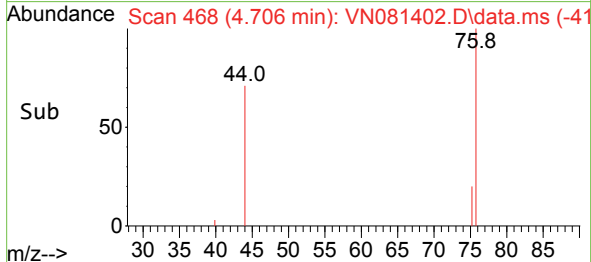
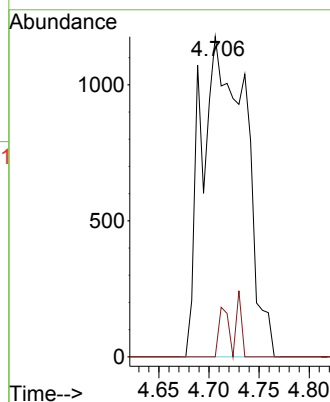
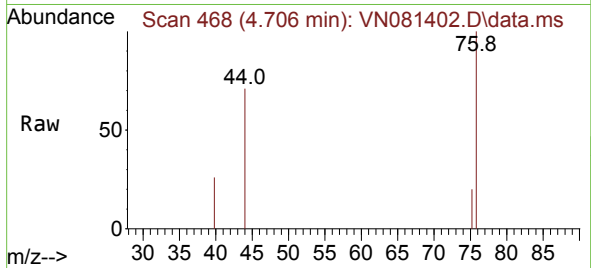




#17
Carbon Disulfide
Concen: 0.374 ug/l
RT: 4.706 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

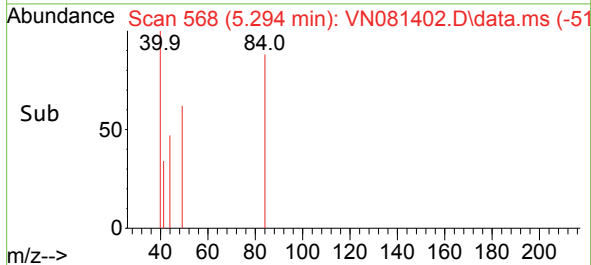
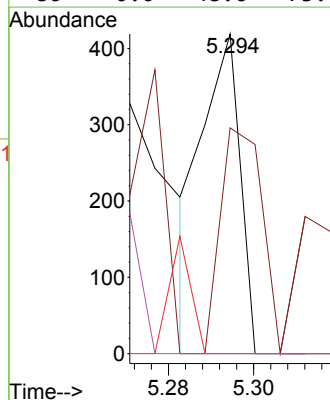
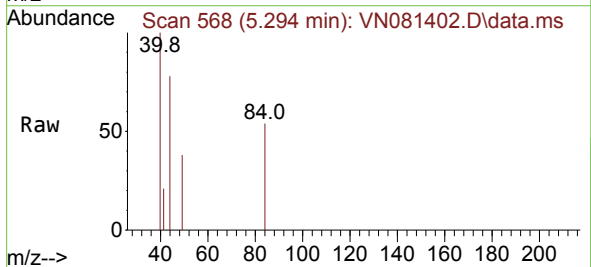
Instrument :
MSVOA_N
ClientSampleId :
VN0314MBL01

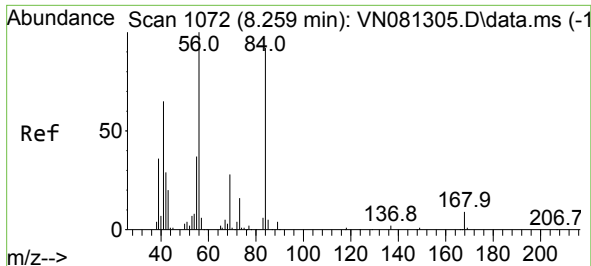
Tgt Ion: 76 Resp: 3615
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion: 84 Resp: 254
Ion Ratio Lower Upper
84 100
49 70.6 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

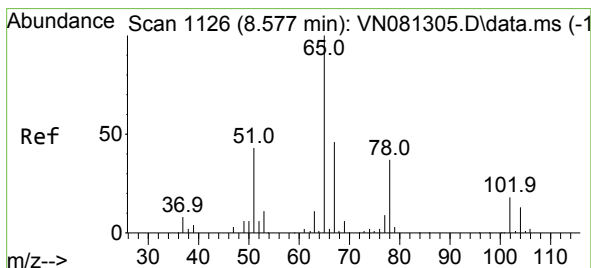
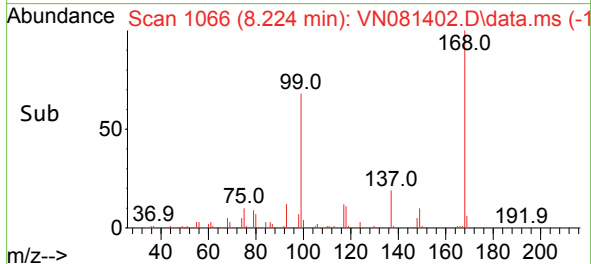
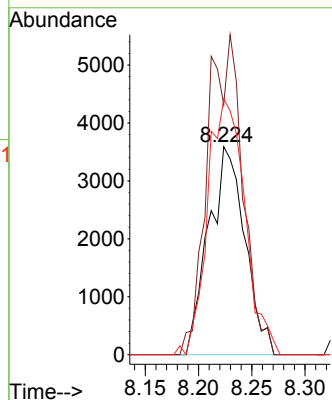
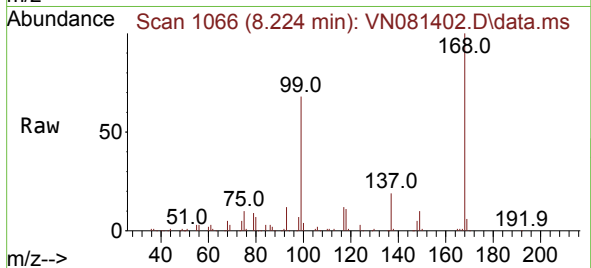




#31
Cyclohexane
Concen: 1.334 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

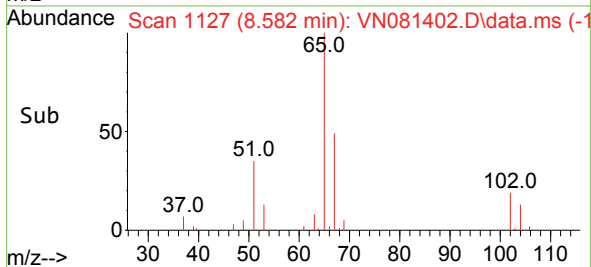
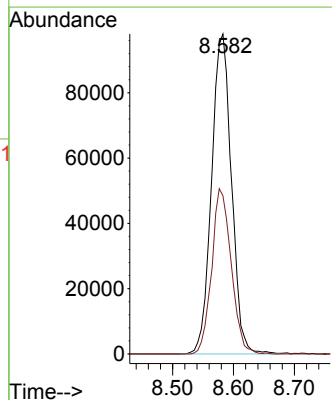
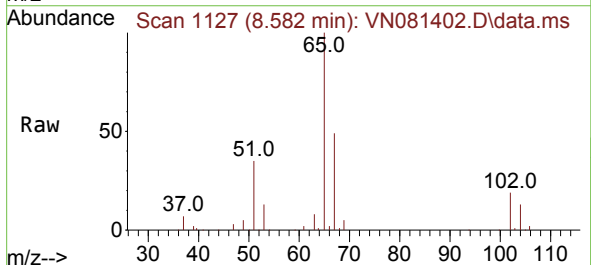
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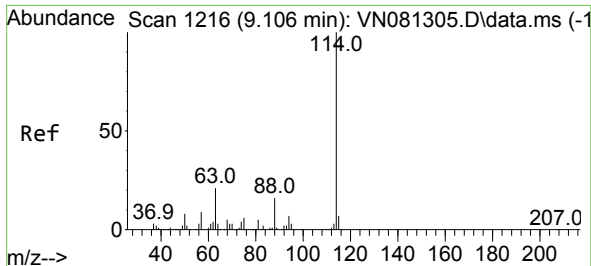
Tgt Ion: 56 Resp: 8484
Ion Ratio Lower Upper
56 100
69 120.3 20.1 30.1#
84 123.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 53.007 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion: 65 Resp: 222638
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4

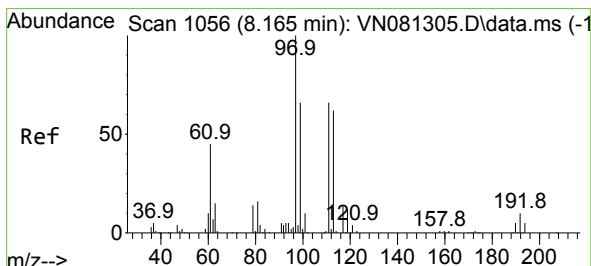
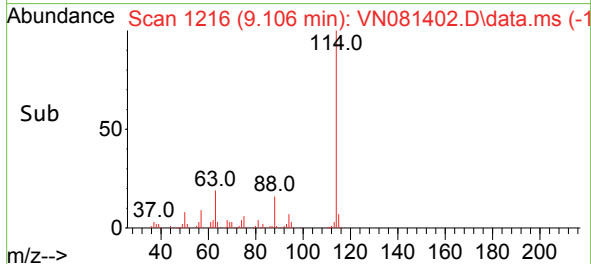
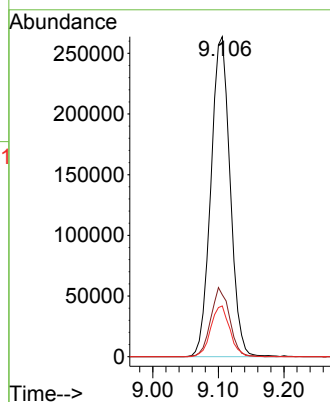
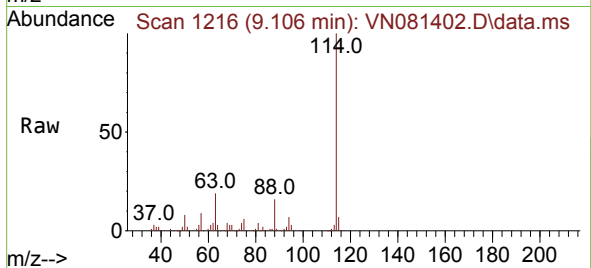




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

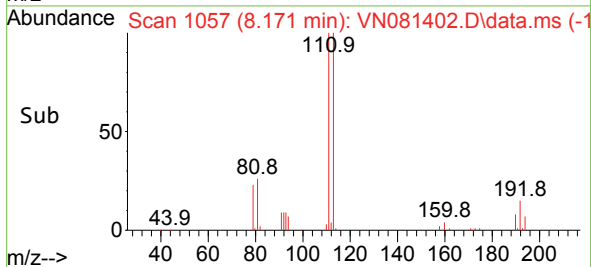
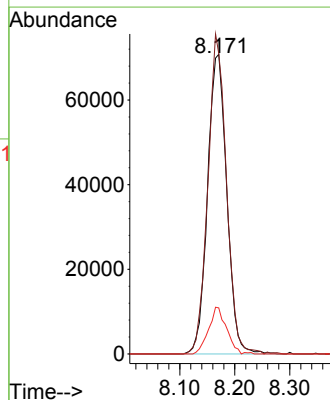
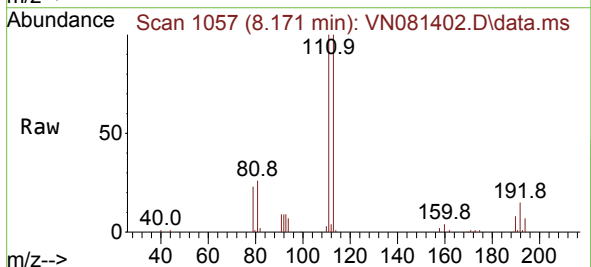
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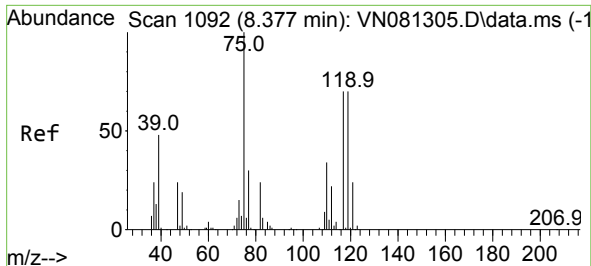
Tgt Ion:114 Resp: 536062
Ion Ratio Lower Upper
114 100
63 19.3 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.422 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion:113 Resp: 172168
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 14.5 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.379 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081402.D

Acq: 14 Mar 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0314MBL01

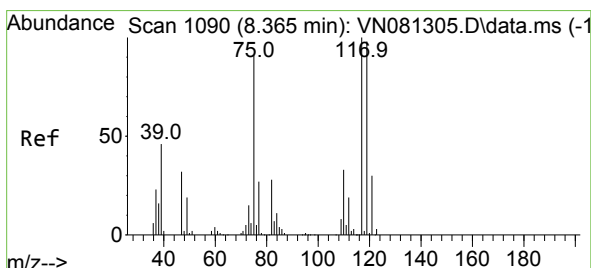
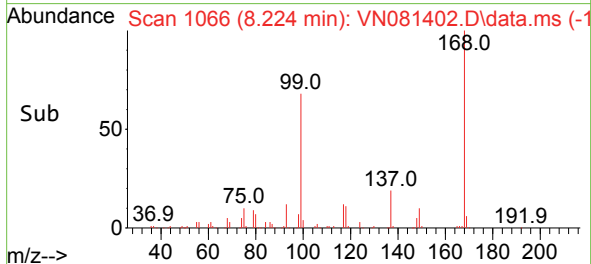
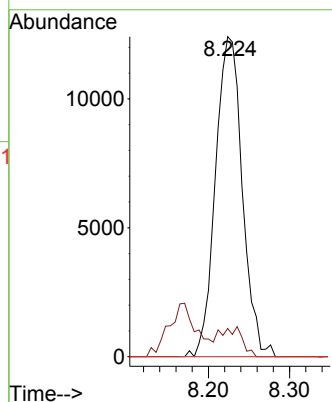
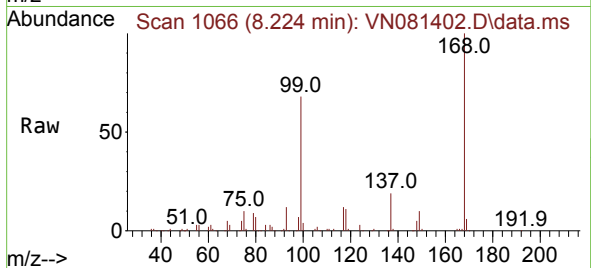
Tgt Ion: 75 Resp: 28503

Ion Ratio Lower Upper

75 100

110 7.7 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.401 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081402.D

Acq: 14 Mar 2024 11:56

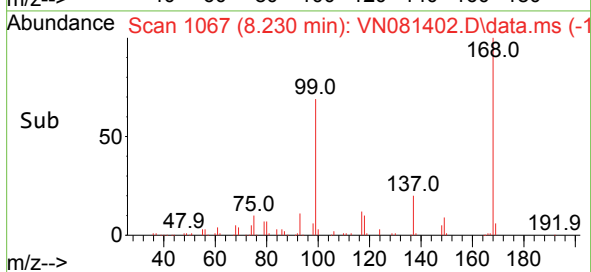
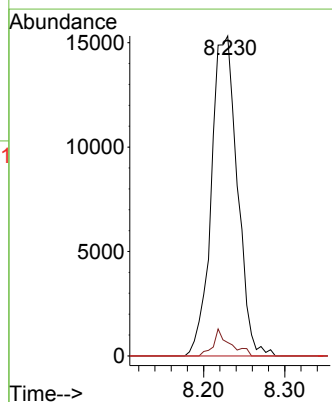
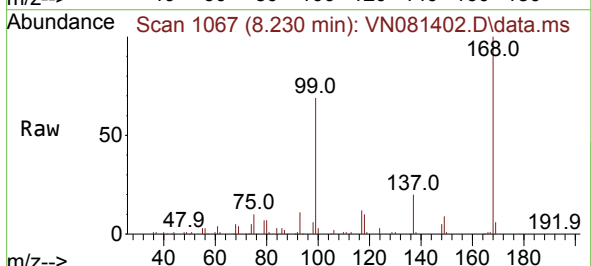
Tgt Ion: 117 Resp: 34134

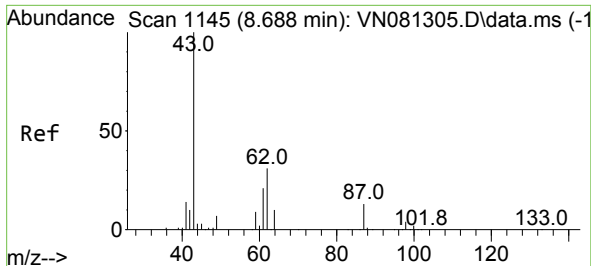
Ion Ratio Lower Upper

117 100

119 4.2 73.4 110.2#

121 0.0 24.4 36.6#

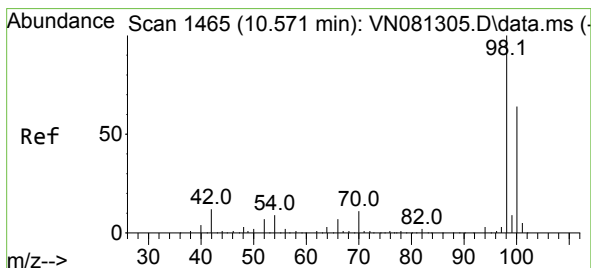
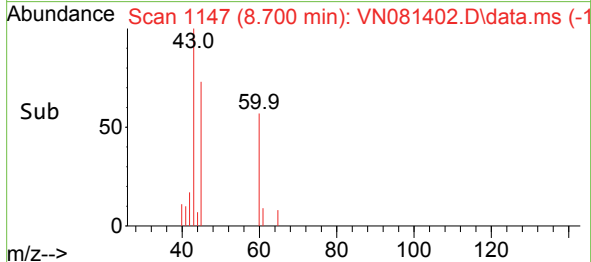
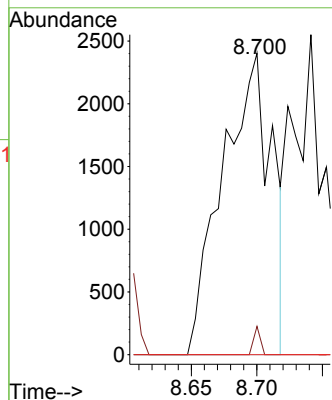
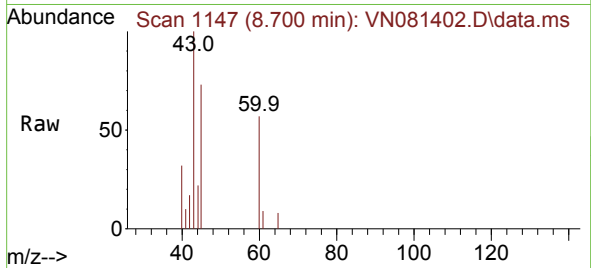




#43
Isopropyl Acetate
Concen: 0.691 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

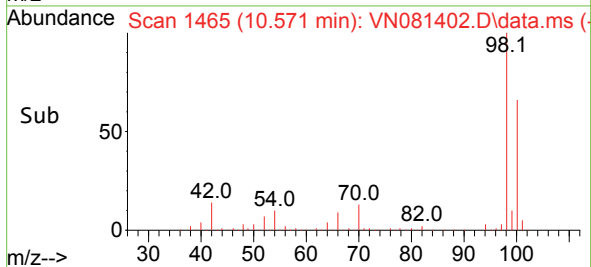
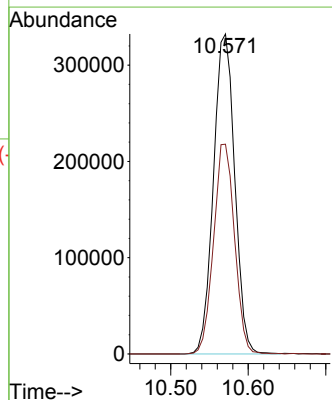
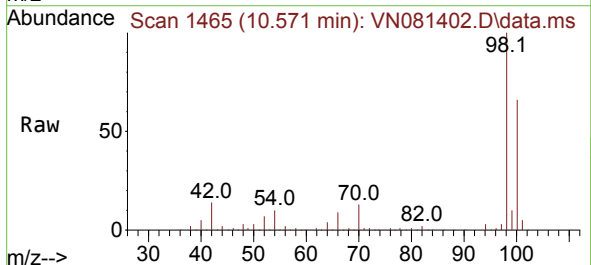
Instrument :
MSVOA_N
ClientSampleId :
VN0314MBL01

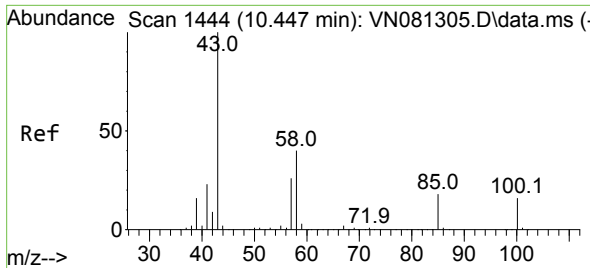
Tgt Ion: 43 Resp: 6268
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.612 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion: 98 Resp: 633665
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

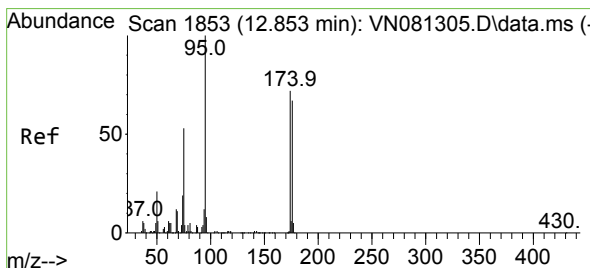
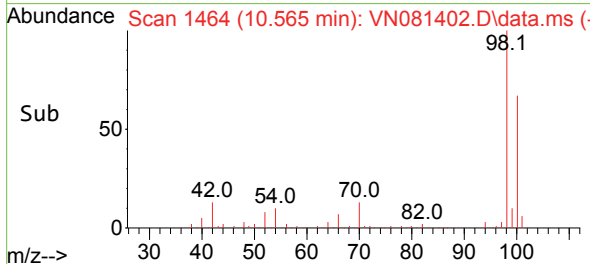
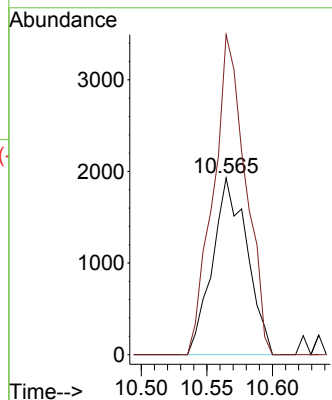
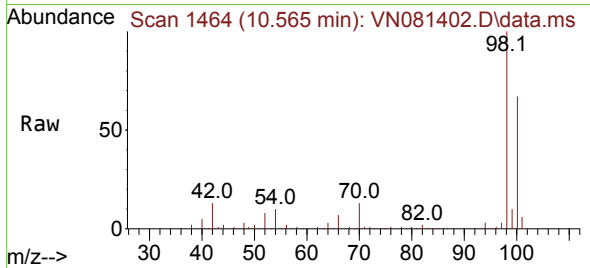




#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

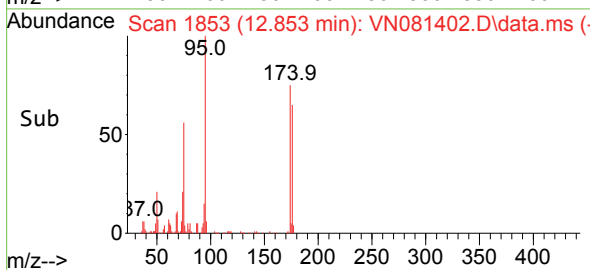
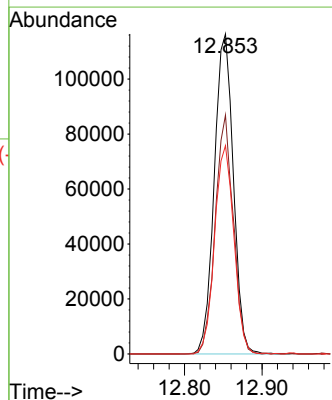
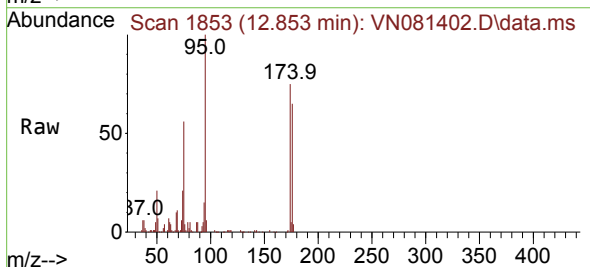
Instrument :
MSVOA_N
ClientSampleId :
VN0314MBL01

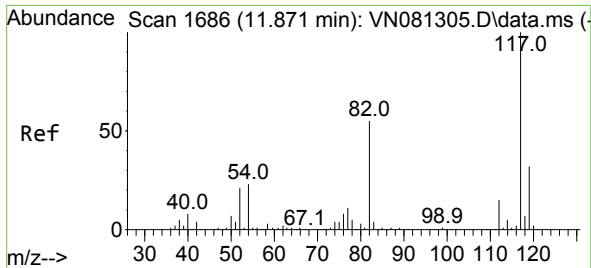
Tgt Ion: 43 Resp: 3542
Ion Ratio Lower Upper
43 100
58 169.3 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 45.843 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion: 95 Resp: 198925
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 65.8 0.0 121.0

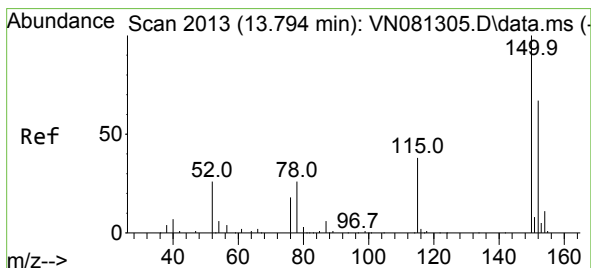
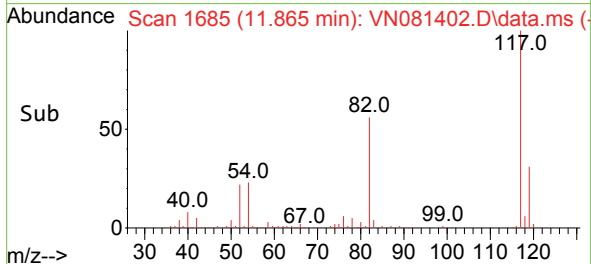
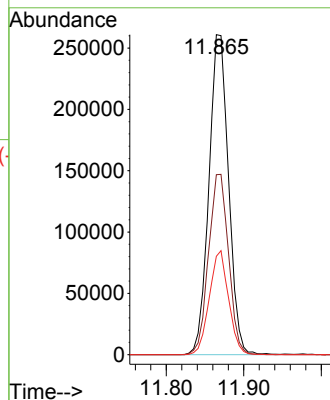
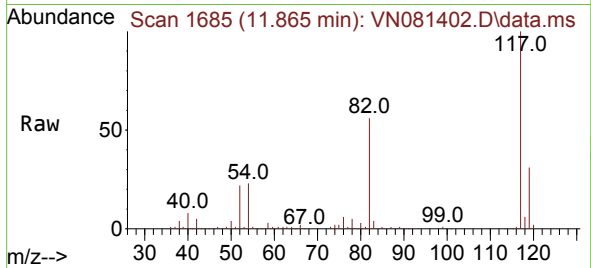




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

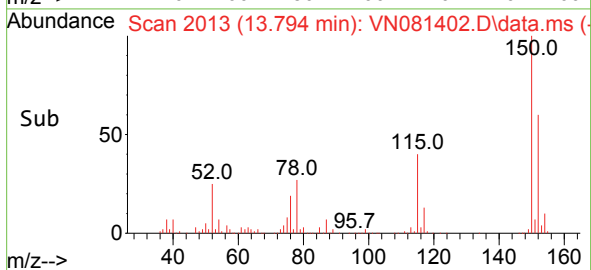
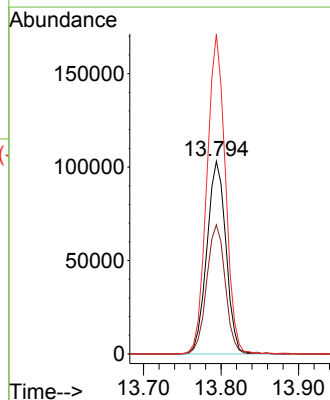
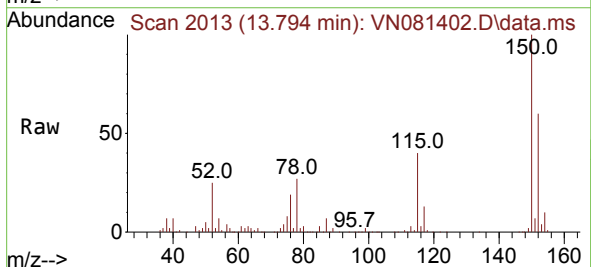
Instrument :
MSVOA_N
ClientSampleId :
VN0314MBL01

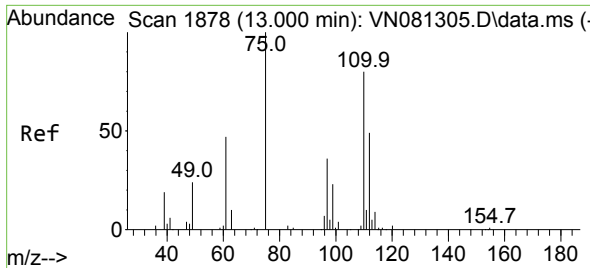
Tgt Ion:117 Resp: 458851
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 30.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion:152 Resp: 176140
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 160.7 0.0 339.8

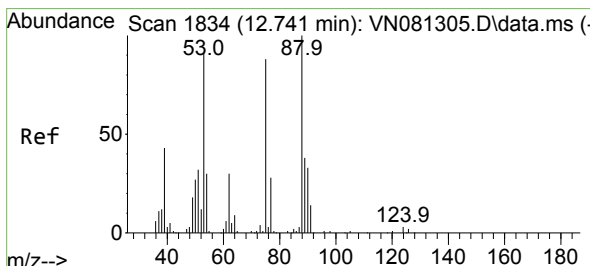
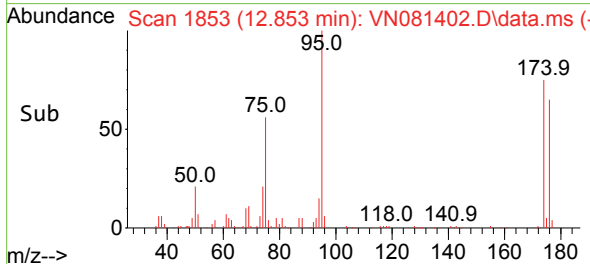
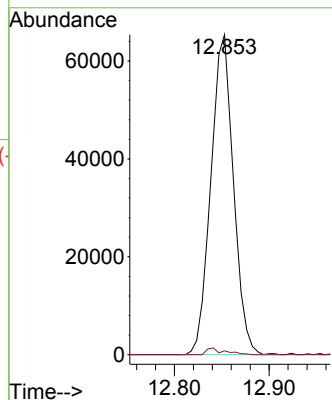
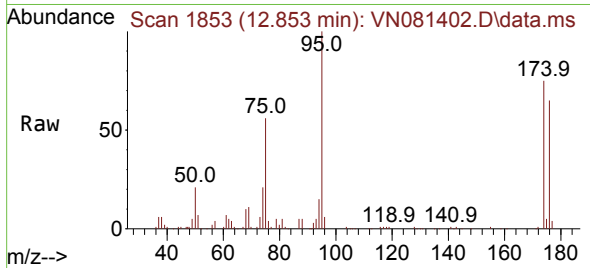




#76
1,2,3-Trichloropropane
Concen: 26.025 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

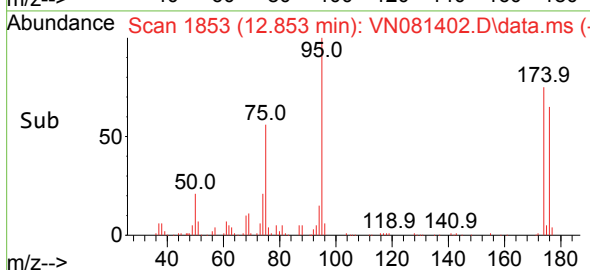
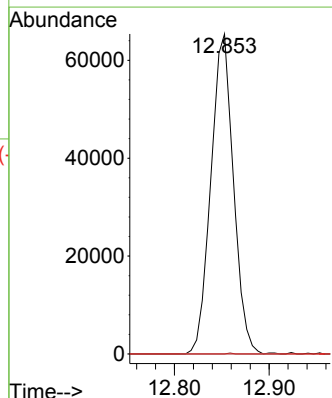
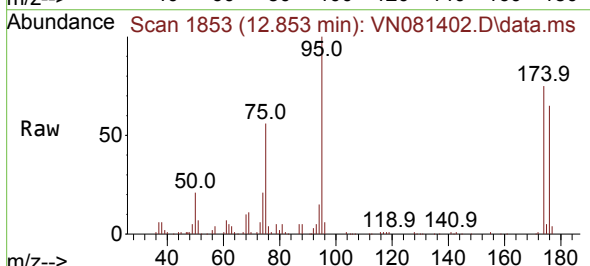
Instrument :
MSVOA_N
ClientSampleId :
VN0314MBL01

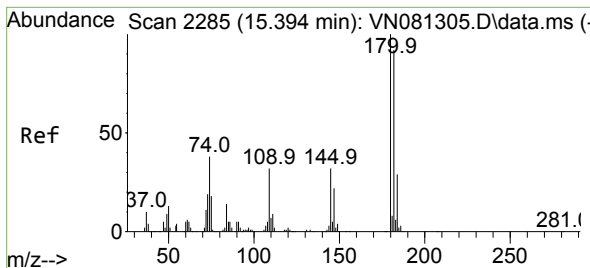
Tgt Ion: 75 Resp: 108272
Ion Ratio Lower Upper
75 100
77 1.6 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.630 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081402.D
Acq: 14 Mar 2024 11:56

Tgt Ion: 75 Resp: 108272
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.225 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081402.D

Acq: 14 Mar 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0314MBL01

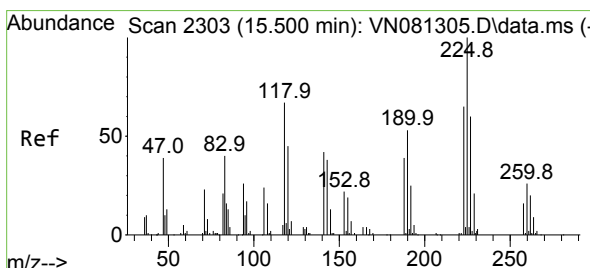
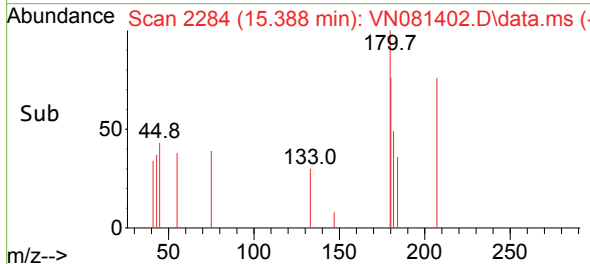
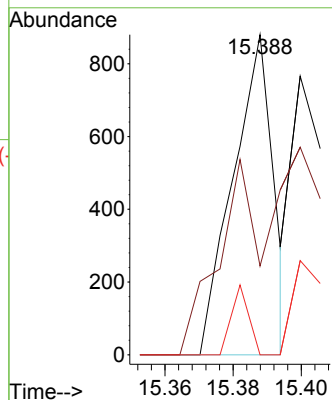
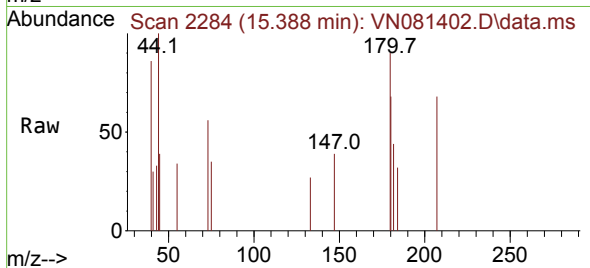
Tgt Ion:180 Resp: 734

Ion Ratio Lower Upper

180 100

182 58.6 46.6 139.7

145 9.3 16.8 50.3#



#94

Hexachlorobutadiene

Concen: 0.602 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081402.D

Acq: 14 Mar 2024 11:56

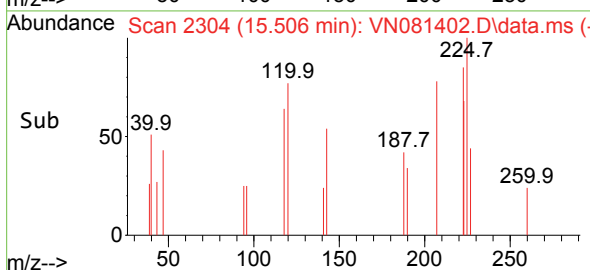
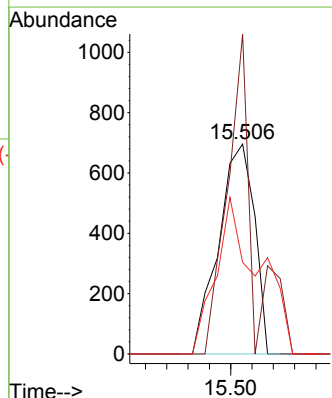
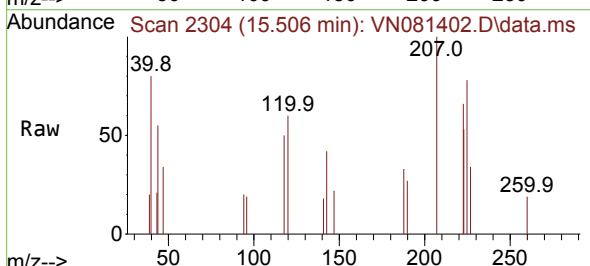
Tgt Ion:225 Resp: 813

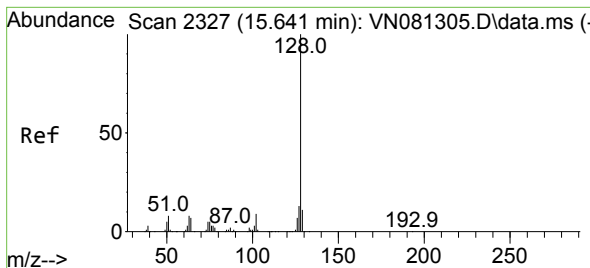
Ion Ratio Lower Upper

225 100

223 109.2 33.3 99.8#

227 89.2 33.1 99.2





#95

Naphthalene

Concen: 0.460 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.012 min

Lab File: VN081402.D

Acq: 14 Mar 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0314MBL01

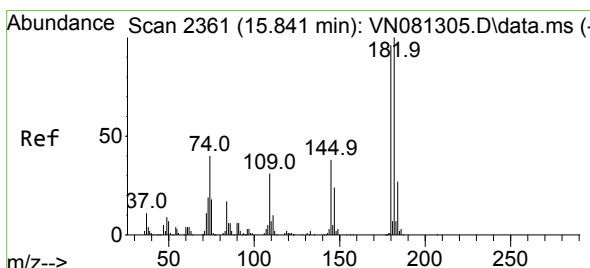
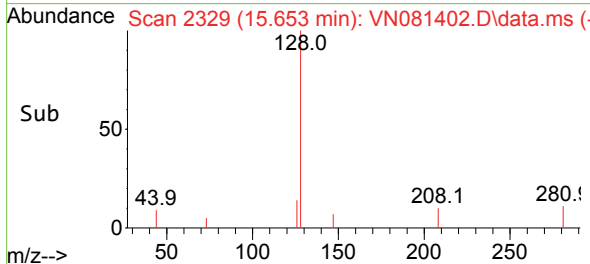
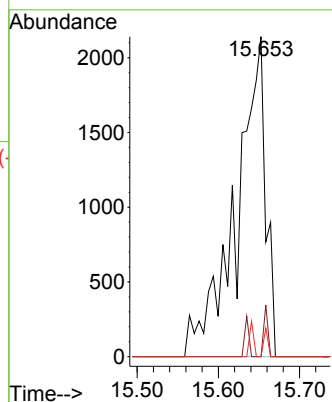
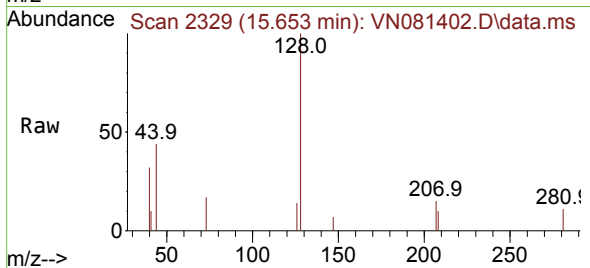
Tgt Ion:128 Resp: 5350

Ion Ratio Lower Upper

128 100

127 2.3 10.0 15.0#

129 1.3 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.419 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081402.D

Acq: 14 Mar 2024 11:56

Tgt Ion:180 Resp: 1388

Ion Ratio Lower Upper

180 100

182 89.6 46.5 139.3

145 31.7 17.8 53.4

