

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081582.D
 Acq On : 27 Mar 2024 13:31
 Operator : JC\MD
 Sample : VN0327WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01

Quant Time: Mar 28 01:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

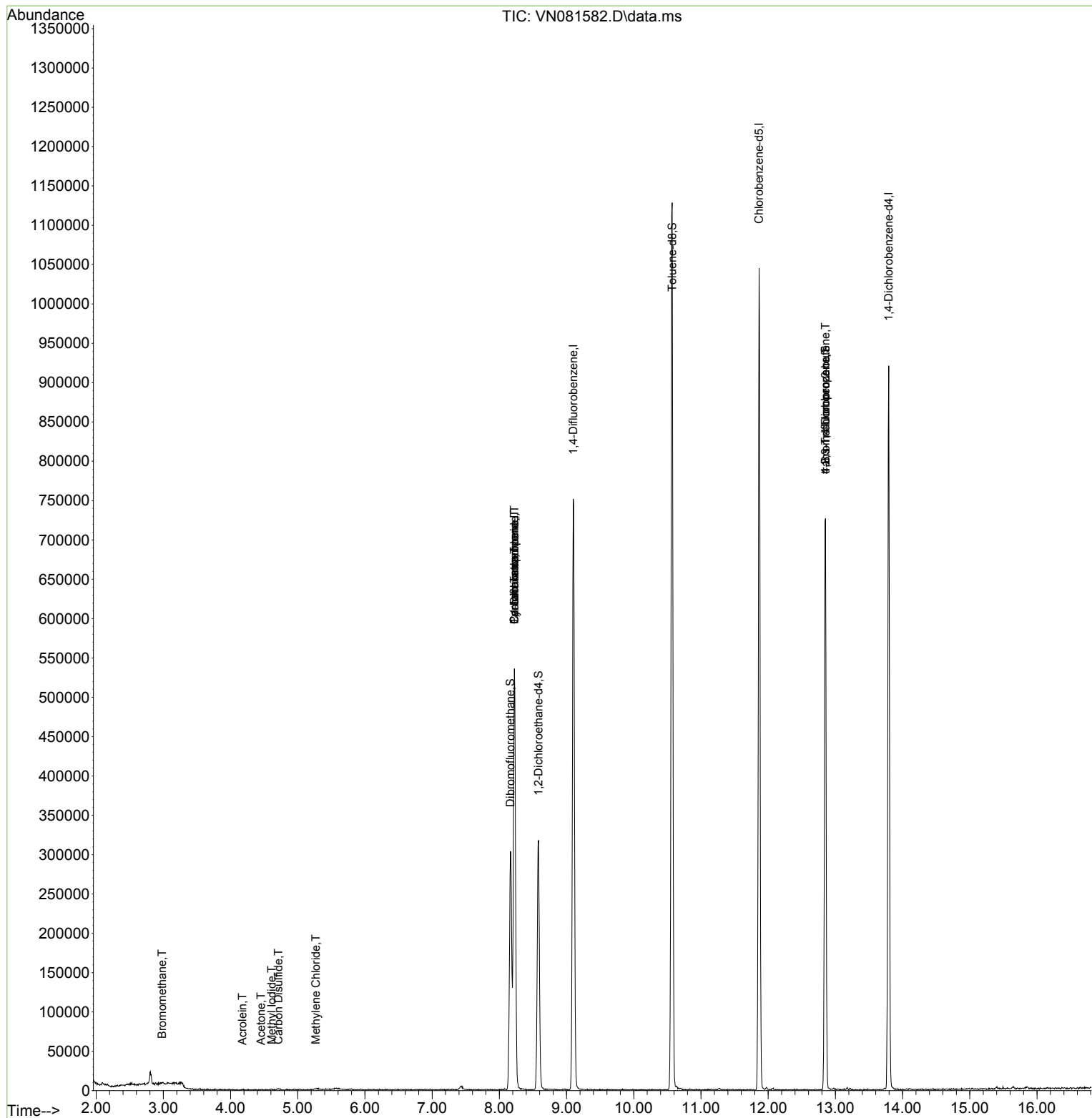
Internal Standards						
1) Pentafluorobenzene	8.224	168	377831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	676465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	620696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254949	52.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.820%	
35) Dibromofluoromethane	8.165	113	220834	51.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	10.571	98	807480	52.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	12.853	95	254761	46.850	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	1838	0.457	ug/l	84
10) Methyl Iodide	4.612	142	1208	0.252	ug/l #	39
13) Acrolein	4.177	56	250	0.332	ug/l #	53
16) Acetone	4.453	43	380	0.244	ug/l #	44
17) Carbon Disulfide	4.712	76	3315	0.259	ug/l #	78
20) Methylene Chloride	5.271	84	1043	0.204	ug/l #	48
31) Cyclohexane	8.224	56	8766	1.118	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	33162	4.616	ug/l #	49
38) Carbon Tetrachloride	8.224	117	40538	5.151	ug/l #	19
76) 1,2,3-Trichloropropane	12.853	75	135605	23.364	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	135605	63.138	ug/l #	14

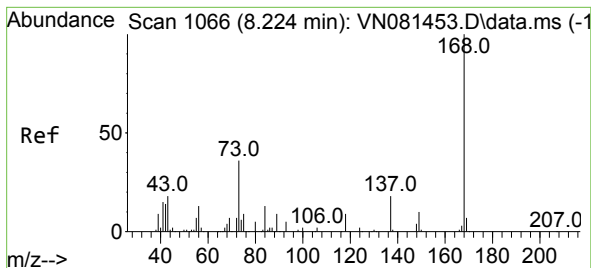
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081582.D

Acq: 27 Mar 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

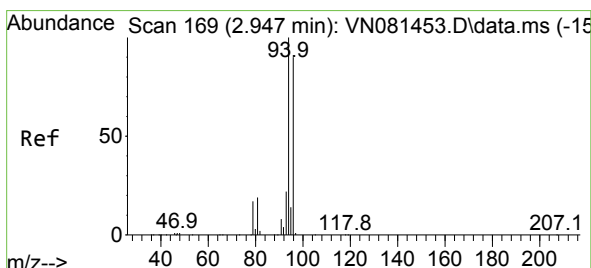
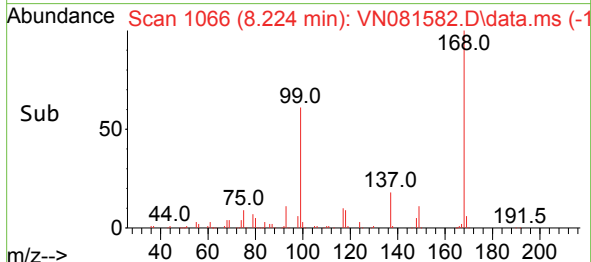
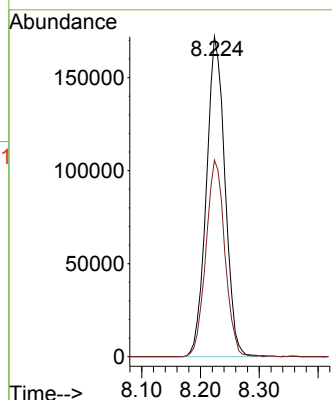
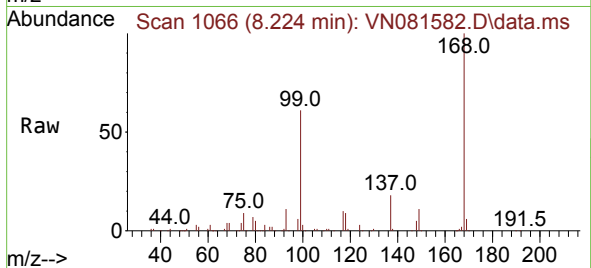
VN0327WBL01

Tgt Ion:168 Resp: 377831

Ion Ratio Lower Upper

168 100

99 61.5 59.9 89.9



#5

Bromomethane

Concen: 0.457 ug/l

RT: 2.983 min Scan# 175

Delta R.T. 0.035 min

Lab File: VN081582.D

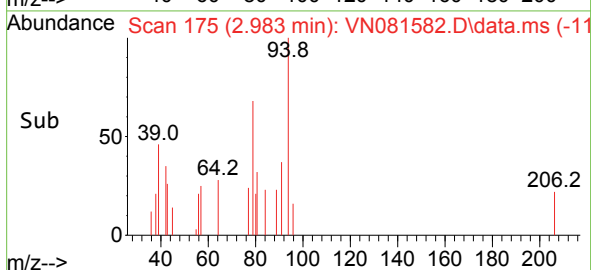
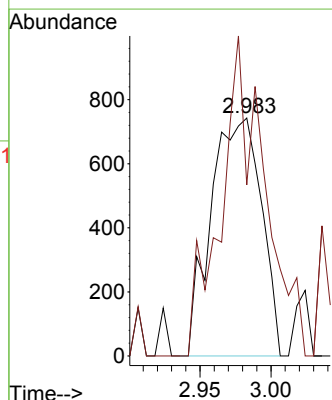
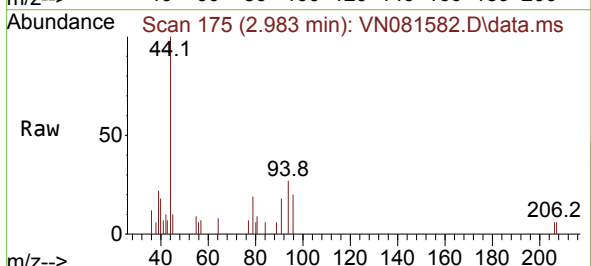
Acq: 27 Mar 2024 13:31

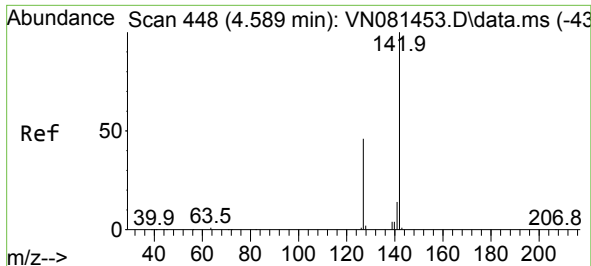
Tgt Ion: 94 Resp: 1838

Ion Ratio Lower Upper

94 100

96 71.9 69.2 103.8

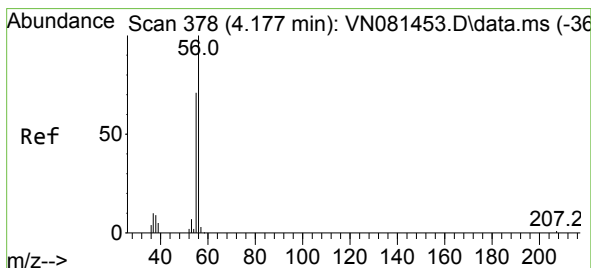
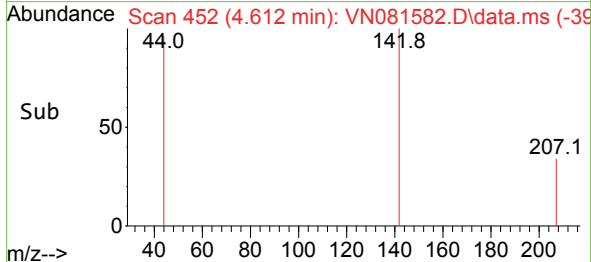
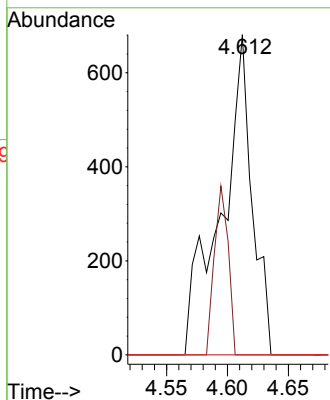
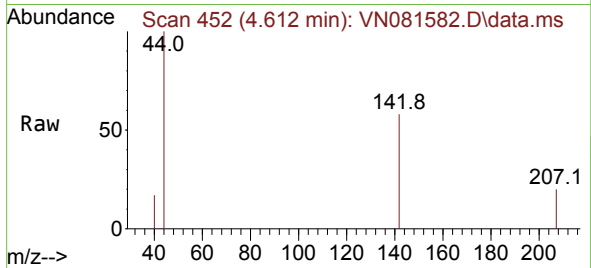




#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 4.612 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

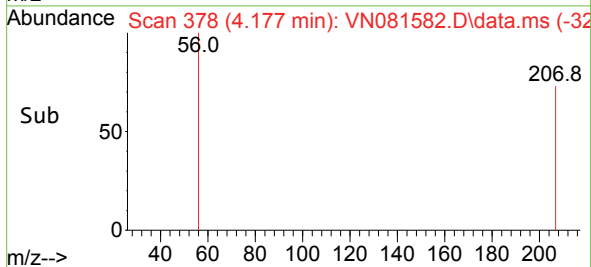
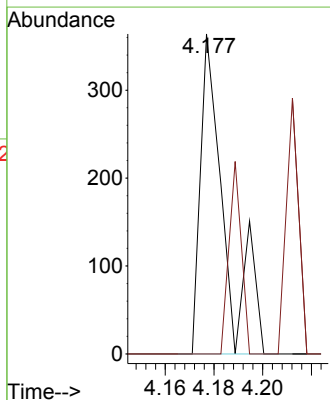
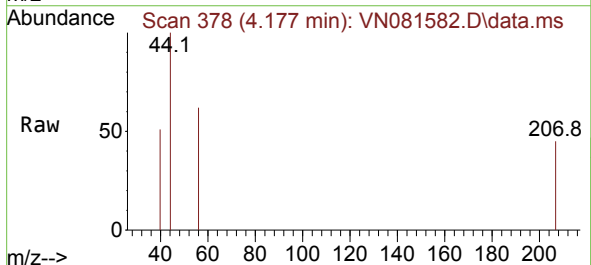
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

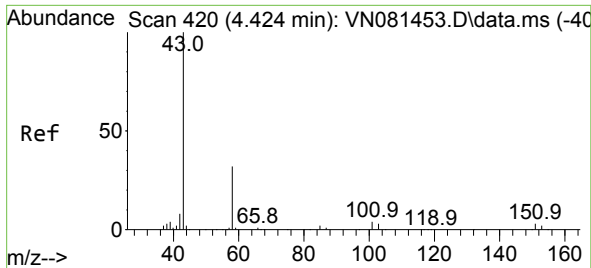
Tgt Ion:142 Resp: 1208
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#



#13
Acrolein
Concen: 0.332 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 30.8 55.3 82.9#





#16

Acetone

Concen: 0.244 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.030 min

Lab File: VN081582.D

Acq: 27 Mar 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

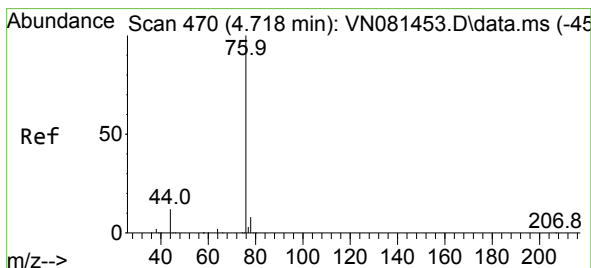
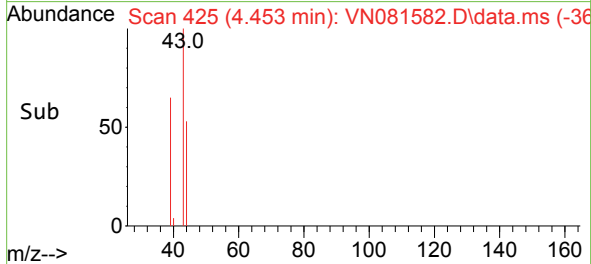
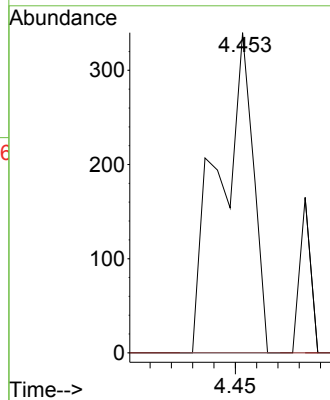
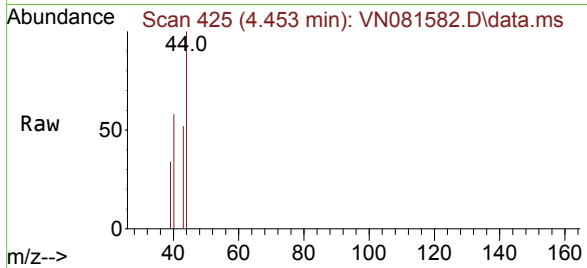
VN0327WBL01

Tgt Ion: 43 Resp: 380

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN081582.D

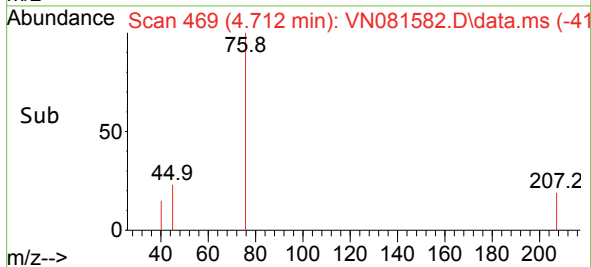
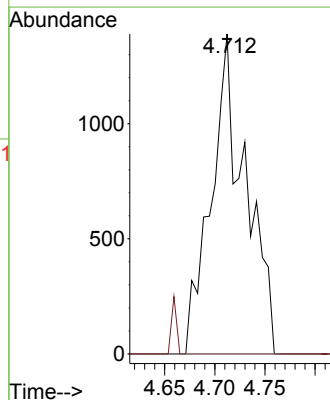
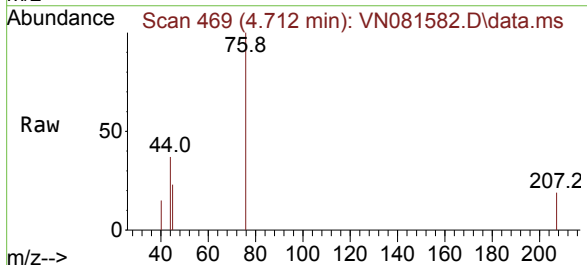
Acq: 27 Mar 2024 13:31

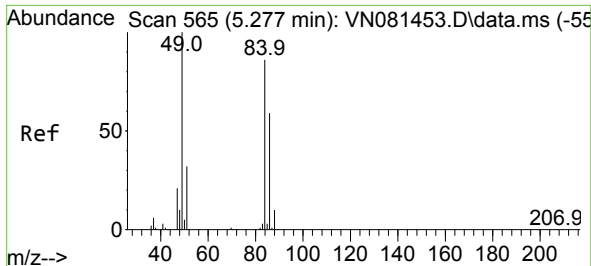
Tgt Ion: 76 Resp: 3315

Ion Ratio Lower Upper

76 100

78 0.0 6.3 9.5#

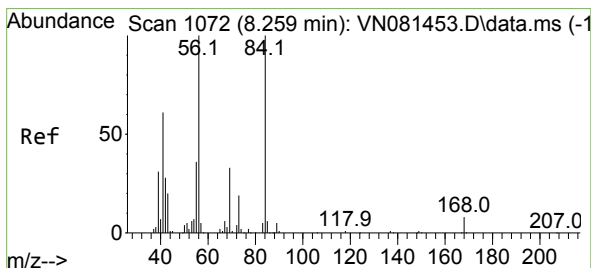
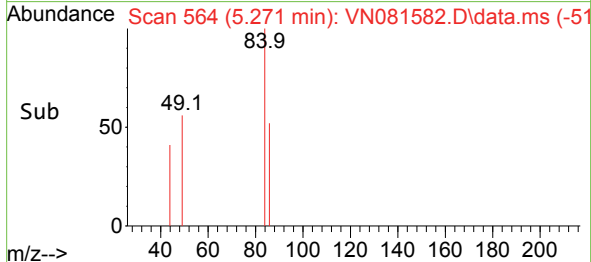
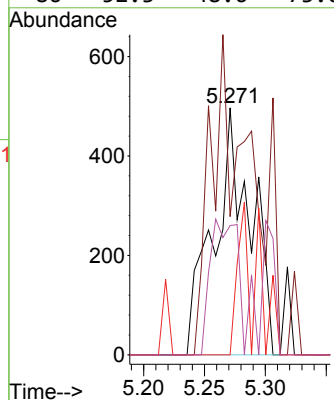
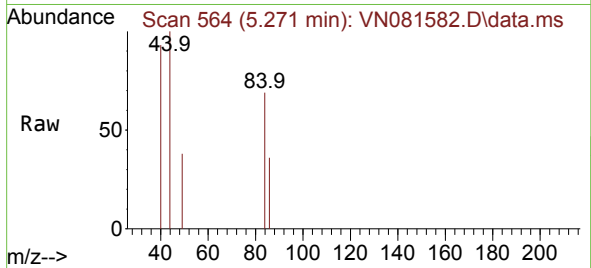




#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

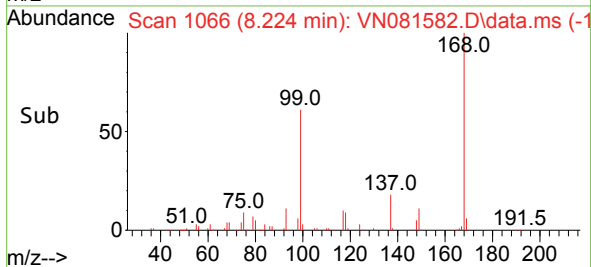
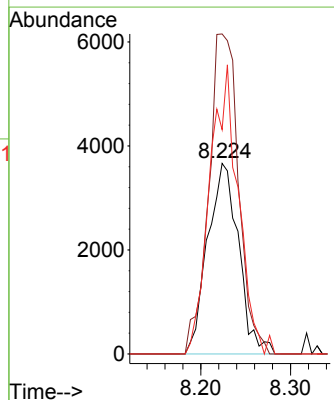
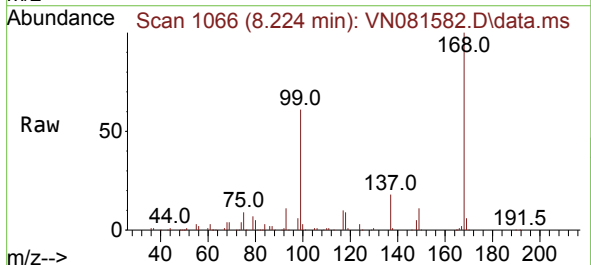
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

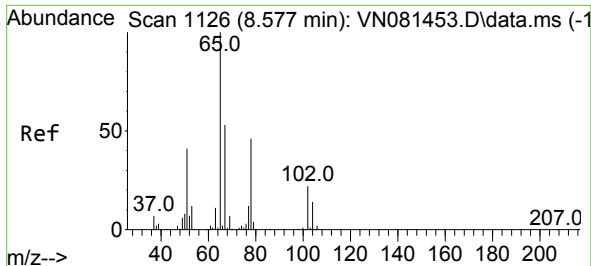
Tgt Ion:	84	Resp:	1043
Ion	Ratio	Lower	Upper
84	100		
49	55.9	108.1	162.1#
51	0.0	32.9	49.3#
86	52.3	48.6	73.0



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

Tgt Ion:	56	Resp:	8766
Ion	Ratio	Lower	Upper
56	100		
69	167.9	20.1	30.1#
84	117.7	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.912 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081582.D

Acq: 27 Mar 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

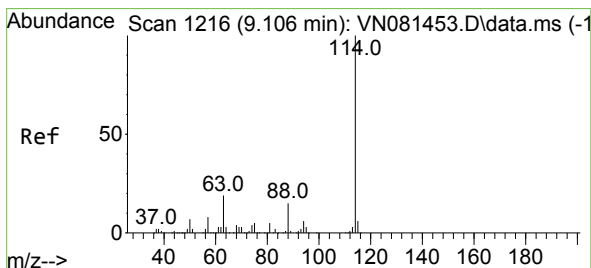
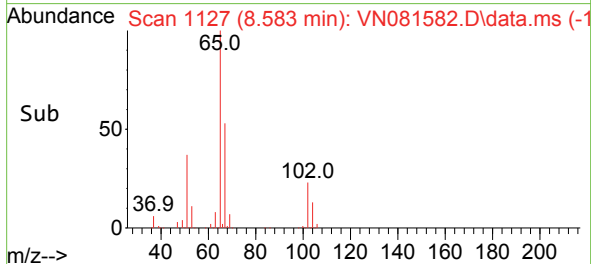
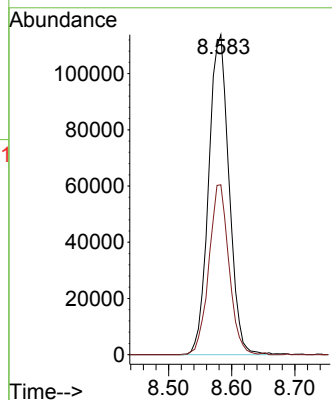
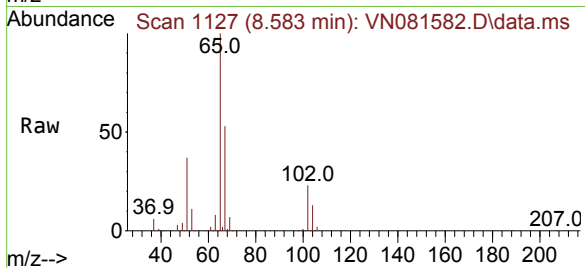
VN0327WBL01

Tgt Ion: 65 Resp: 254949

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081582.D

Acq: 27 Mar 2024 13:31

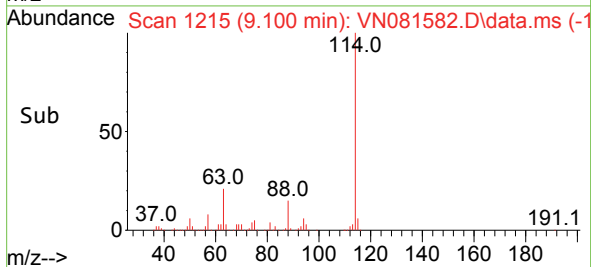
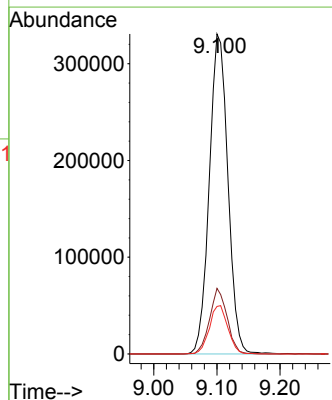
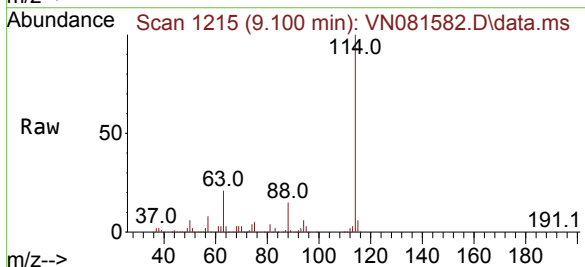
Tgt Ion: 114 Resp: 676465

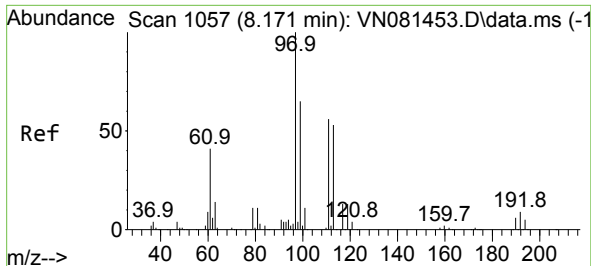
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 14.9 0.0 34.8

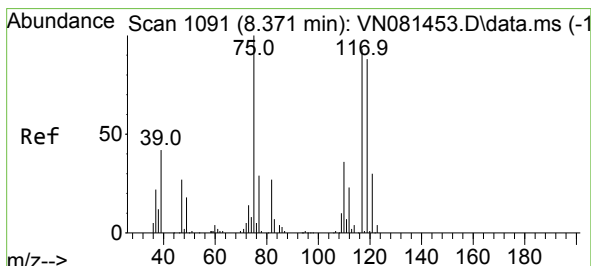
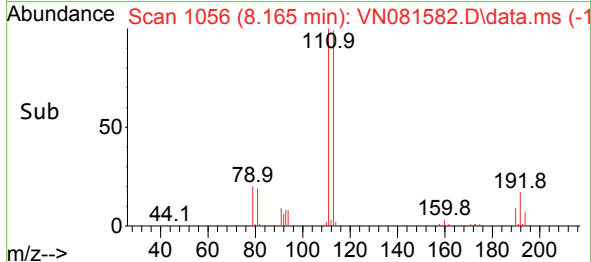
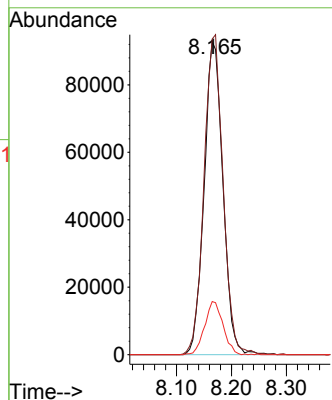
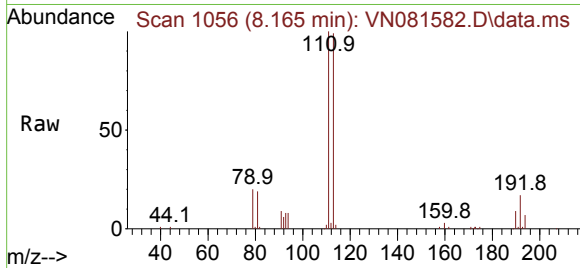




#35
Dibromofluoromethane
Concen: 51.727 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

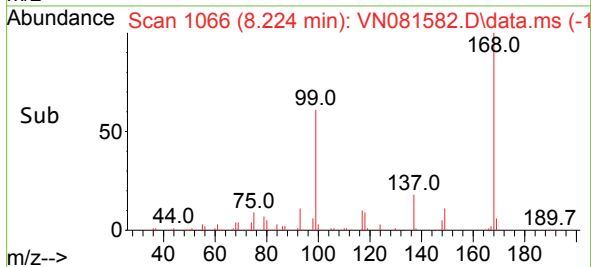
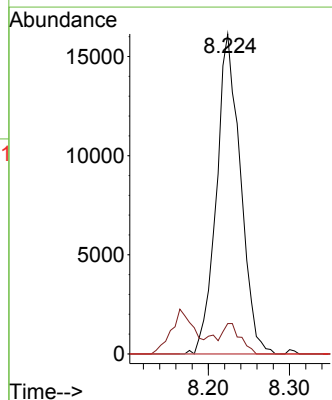
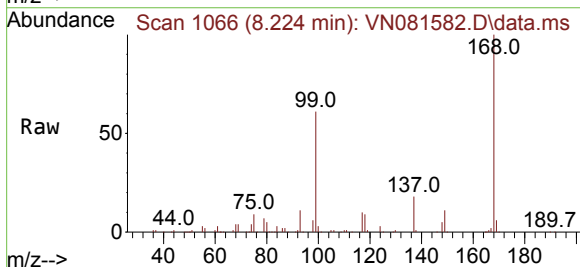
Instrument :
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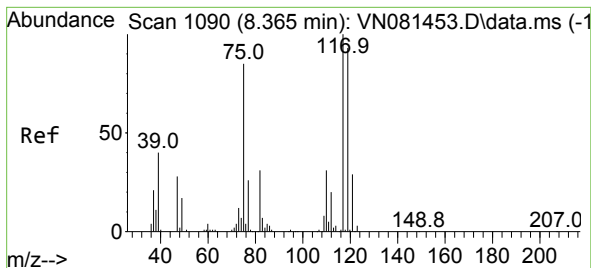
Tgt Ion:113 Resp: 220834
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081582.D
Acq: 27 Mar 2024 13:31

Tgt Ion: 75 Resp: 33162
Ion Ratio Lower Upper
75 100
110 7.0 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.151 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081582.D

Acq: 27 Mar 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL01

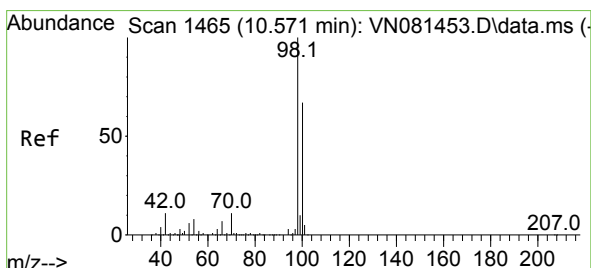
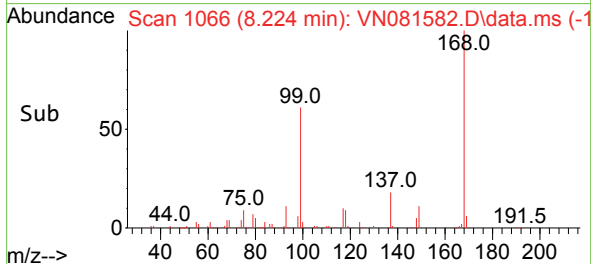
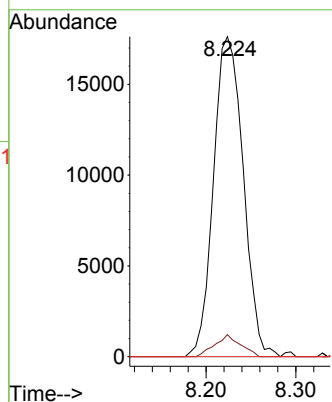
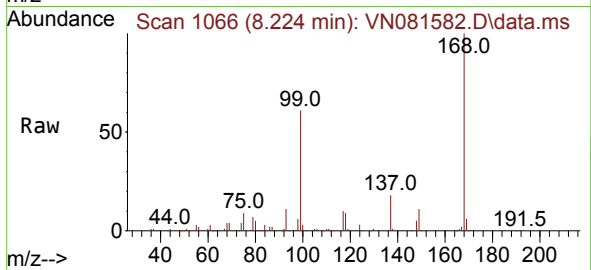
Tgt Ion:117 Resp: 40538

Ion Ratio Lower Upper

117 100

119 6.9 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 52.323 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081582.D

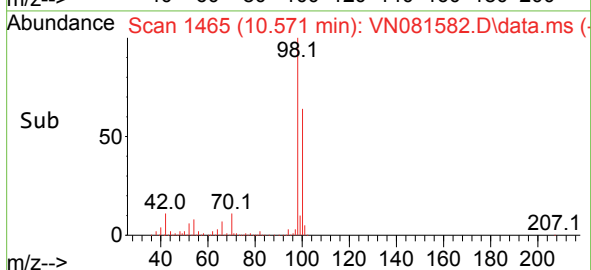
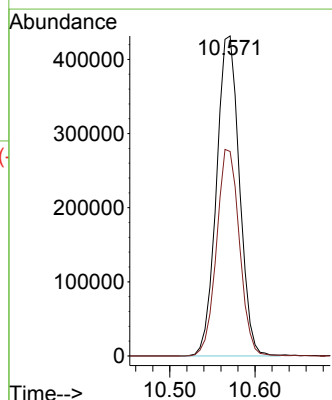
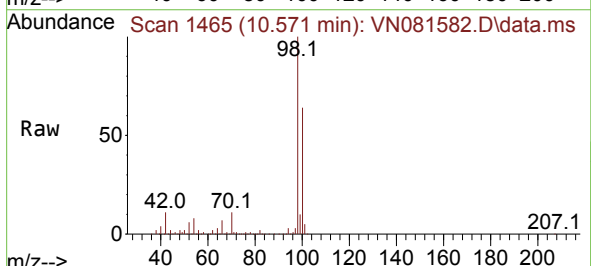
Acq: 27 Mar 2024 13:31

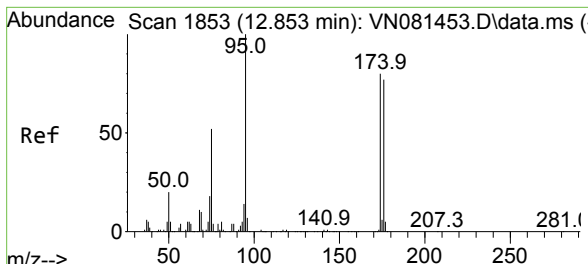
Tgt Ion: 98 Resp: 807480

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

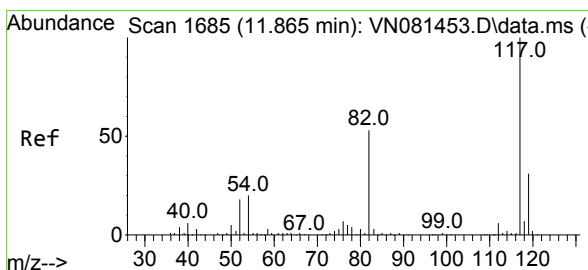
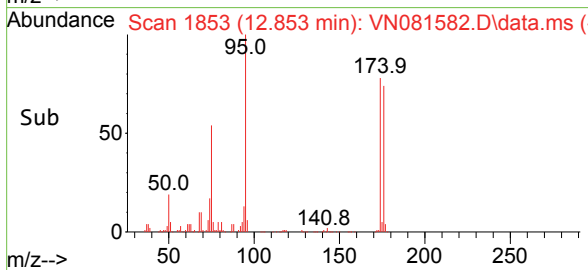
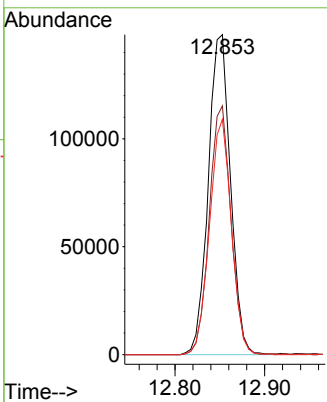
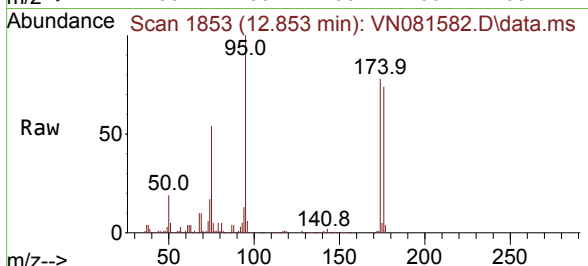




#62
 4-Bromofluorobenzene
 Concen: 46.850 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081582.D
 Acq: 27 Mar 2024 13:31

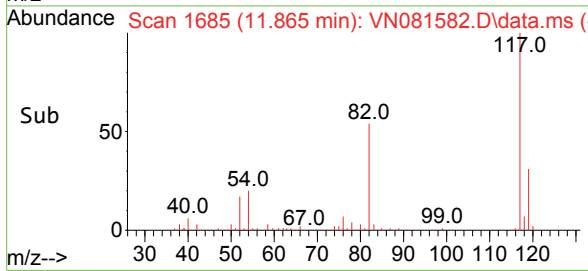
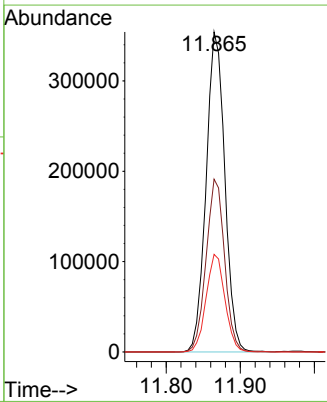
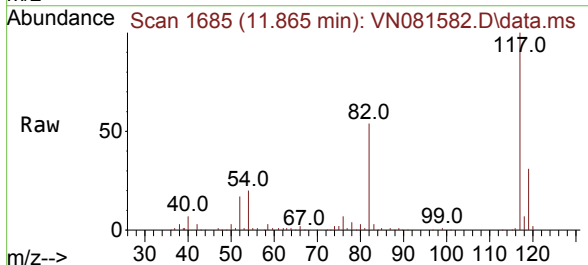
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01

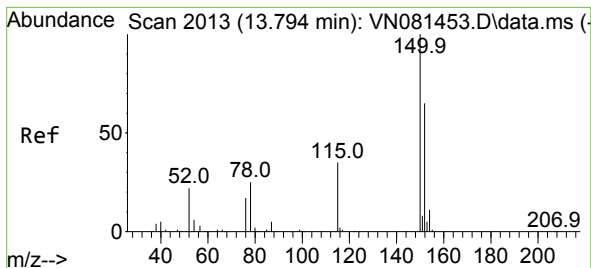
Tgt Ion:	95	Resp:	254761
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	120.4
176	72.3	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081582.D
 Acq: 27 Mar 2024 13:31

Tgt Ion:	117	Resp:	620696
Ion	Ratio	Lower	Upper
117	100		
82	54.0	52.7	79.1
119	30.5	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: VN081582.D

Acq: 27 Mar 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL01

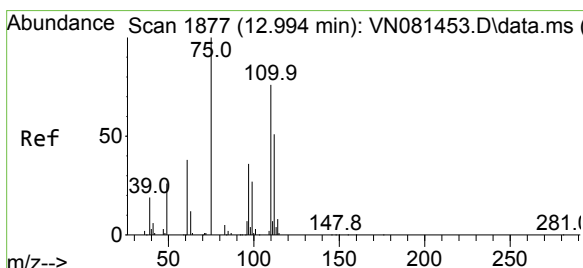
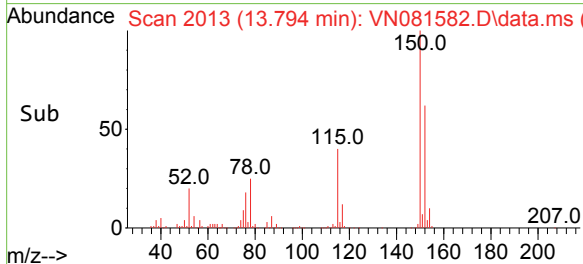
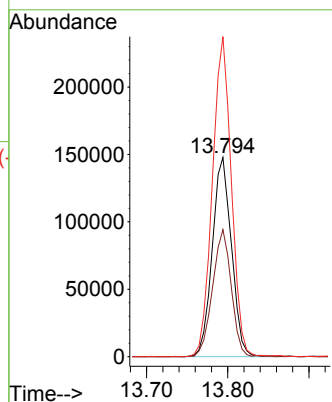
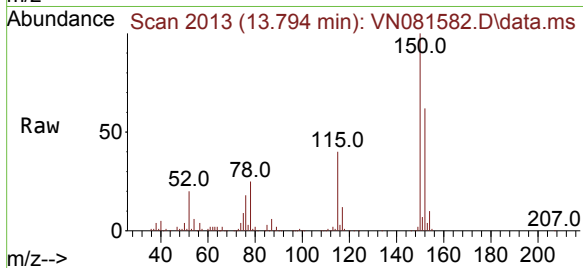
Tgt Ion:152 Resp: 242634

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 158.6 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.364 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081582.D

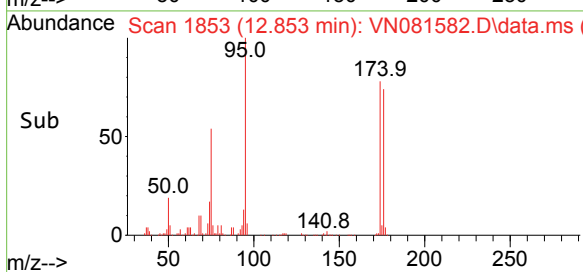
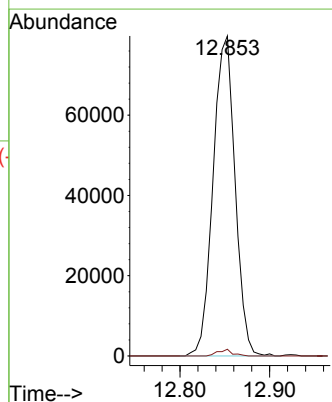
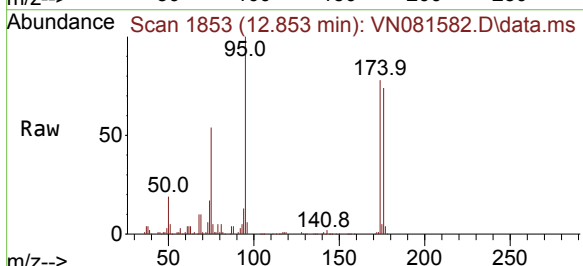
Acq: 27 Mar 2024 13:31

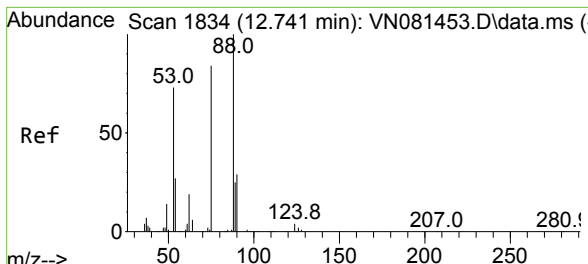
Tgt Ion: 75 Resp: 135605

Ion Ratio Lower Upper

75 100

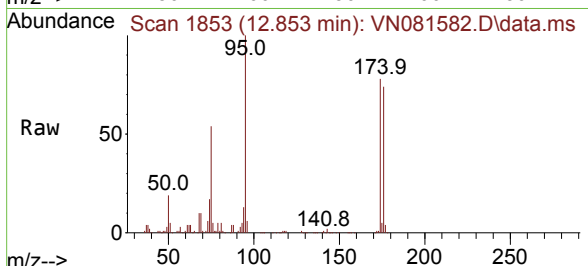
77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.138 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081582.D
 Acq: 27 Mar 2024 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01



Tgt Ion: 75 Resp: 135605
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

