

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081707.D
 Acq On : 12 Apr 2024 10:43
 Operator : JC\MD
 Sample : VN0412MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 06:51:35 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	292771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	528065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	487803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	216970	58.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.220%
35) Dibromofluoromethane	8.171	113	181831	54.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.120%
50) Toluene-d8	10.571	98	629759	52.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.540%
62) 4-Bromofluorobenzene	12.853	95	202710	47.754	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.500%

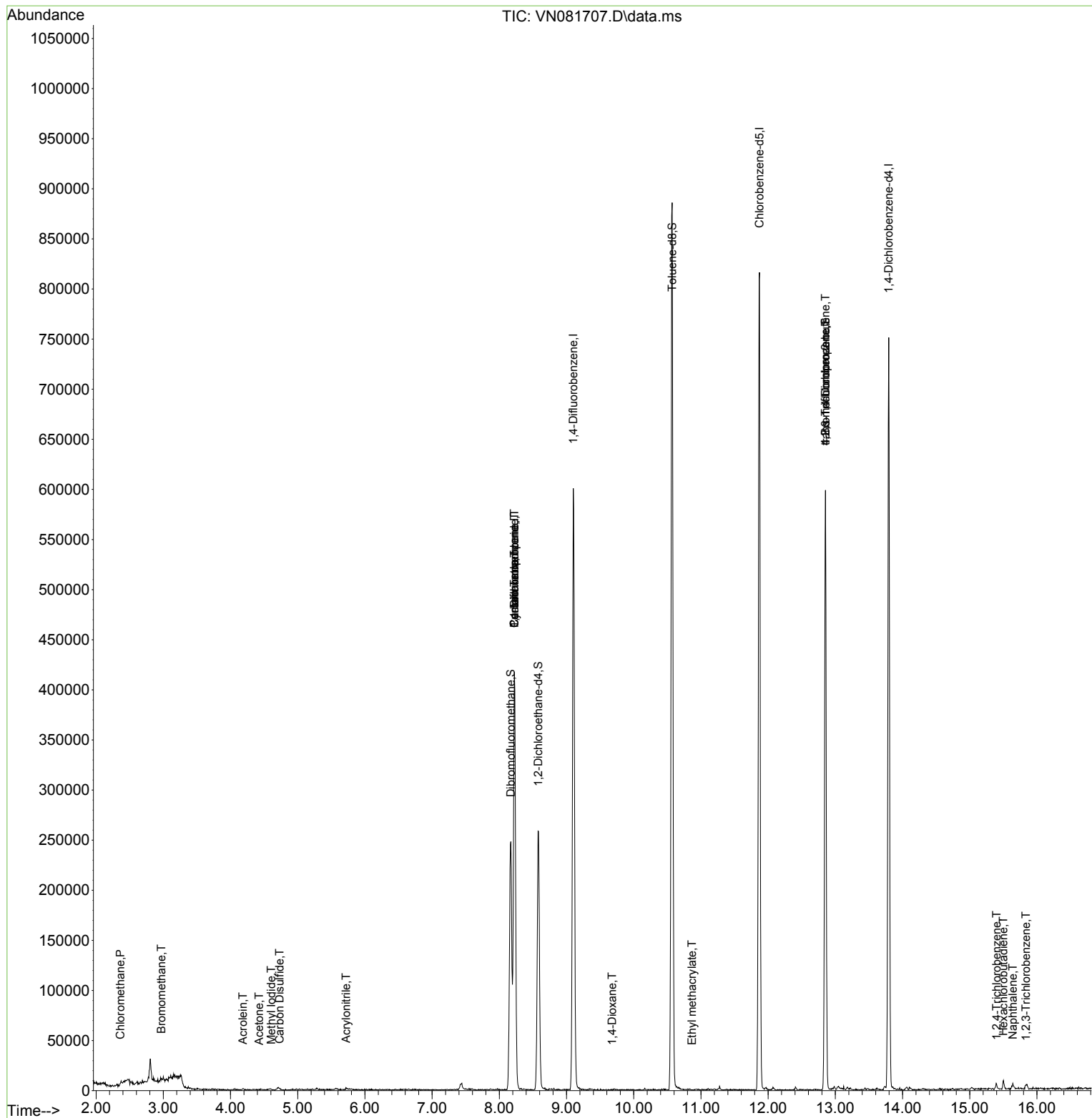
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	822	0.209	ug/l #	43
5) Bromomethane	2.971	94	1644	0.528	ug/l #	81
10) Methyl Iodide	4.606	142	1488	0.401	ug/l #	73
13) Acrolein	4.183	56	663	1.136	ug/l #	59
15) Acrylonitrile	5.718	53	1151	0.661	ug/l #	68
16) Acetone	4.424	43	442	0.366	ug/l #	44
17) Carbon Disulfide	4.730	76	4468	0.451	ug/l #	78
31) Cyclohexane	8.224	56	6951	1.144	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	25679	4.579	ug/l #	51
38) Carbon Tetrachloride	8.224	117	31519	5.130	ug/l #	19
49) 1,4-Dioxane	9.677	88	54	0.612	ug/l #	18
56) Ethyl methacrylate	10.865	69	56	0.580	ug/l #	41
76) 1,2,3-Trichloropropane	12.853	75	109088	23.669	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109088	63.960	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.400	180	1661	0.400	ug/l	91
94) Hexachlorobutadiene	15.500	225	1299	0.714	ug/l #	76
95) Naphthalene	15.641	128	5358	0.399	ug/l	95
96) 1,2,3-Trichlorobenzene	15.835	180	2022	0.485	ug/l	68

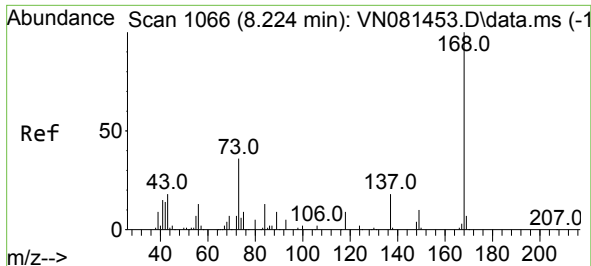
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
Data File : VN081707.D
Acq On : 12 Apr 2024 10:43
Operator : JC\MD
Sample : VN0412MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

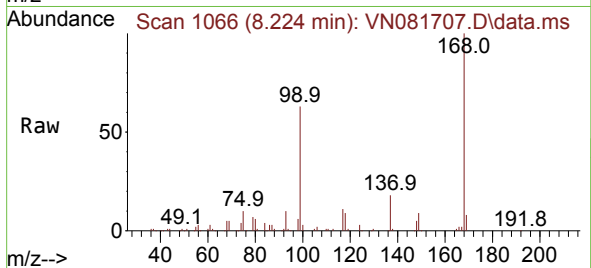
Quant Time: Apr 13 06:51:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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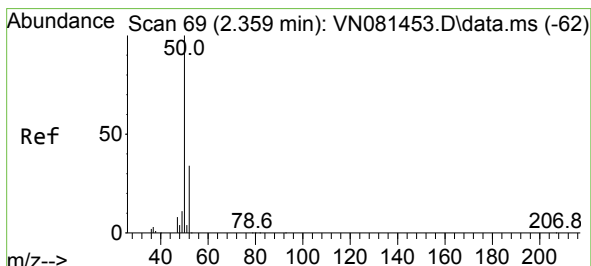
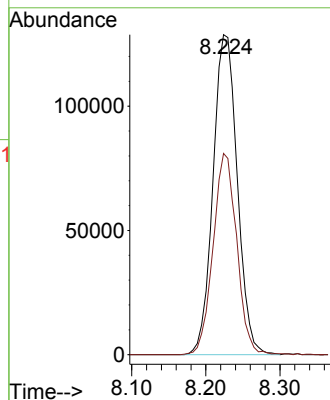
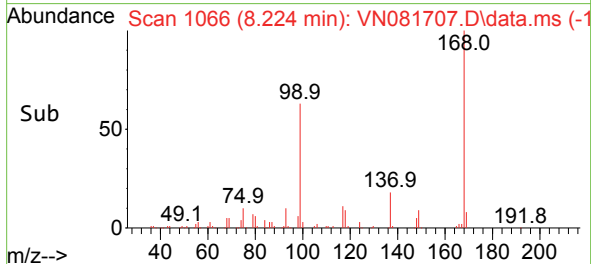


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :

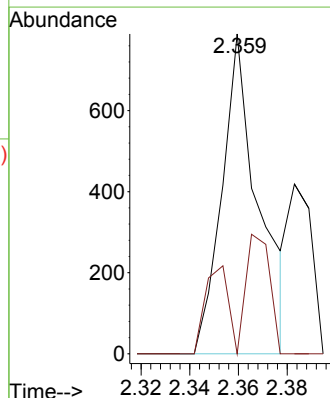
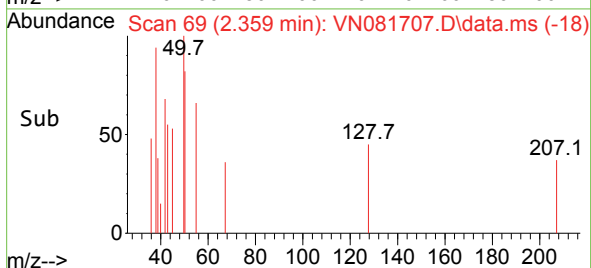
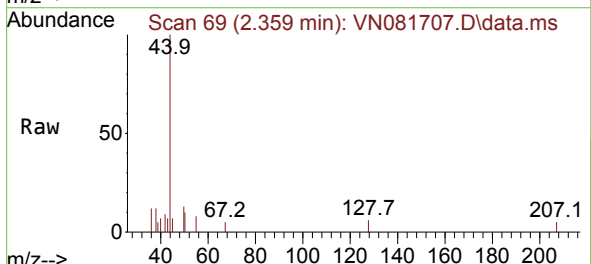


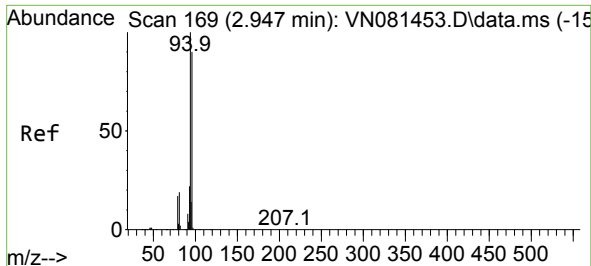
Tgt Ion:168 Resp: 292771
Ion Ratio Lower Upper
168 100
99 62.9 59.9 89.9



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

Tgt Ion: 50 Resp: 822
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

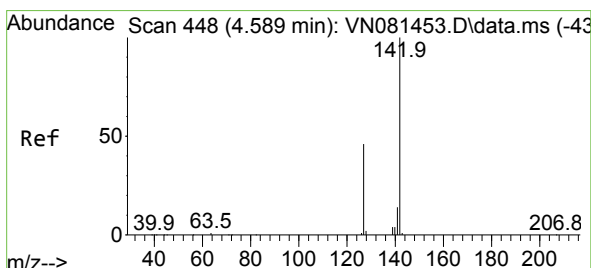
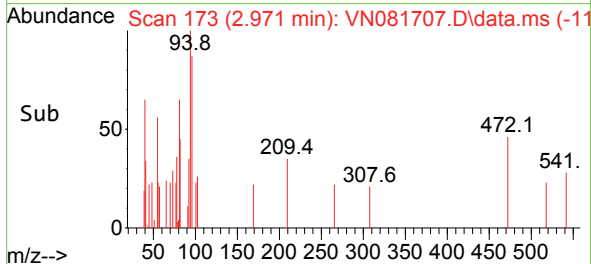
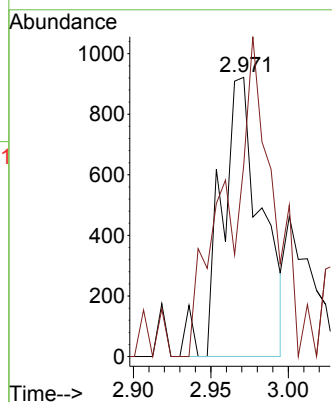
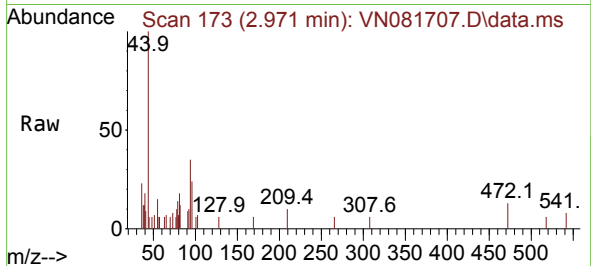




#5
Bromomethane
Concen: 0.528 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

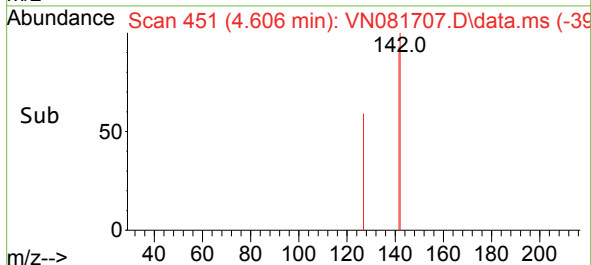
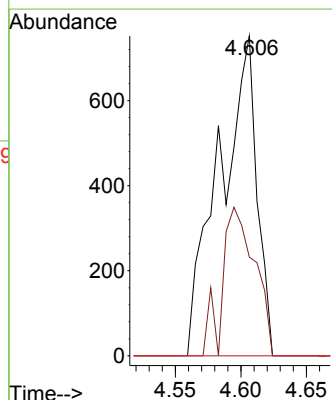
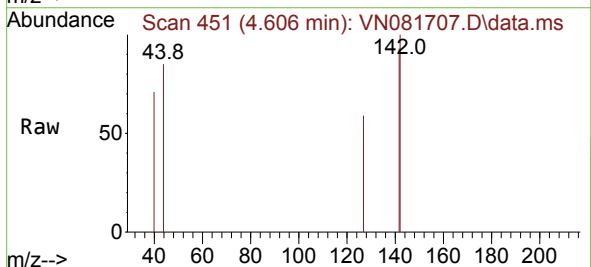
Instrument :
MSVOA_N
ClientSampleId :

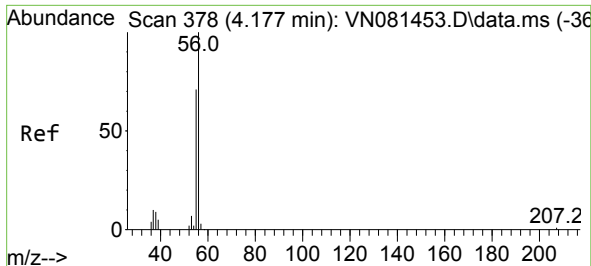
Tgt Ion: 94 Resp: 1644
Ion Ratio Lower Upper
94 100
96 68.5 69.2 103.8#



#10
Methyl Iodide
Concen: 0.401 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

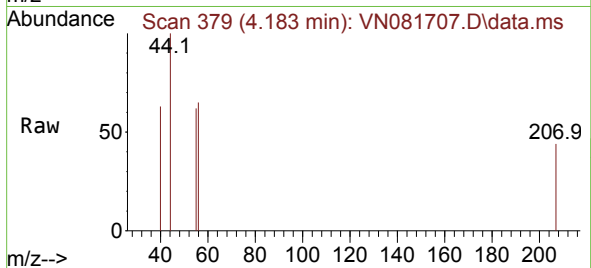
Tgt Ion:142 Resp: 1488
Ion Ratio Lower Upper
142 100
127 30.9 37.0 55.4#
141 0.0 12.5 18.7#



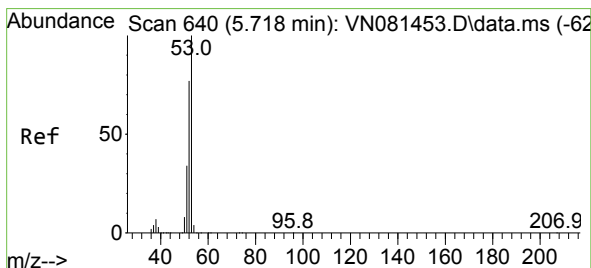
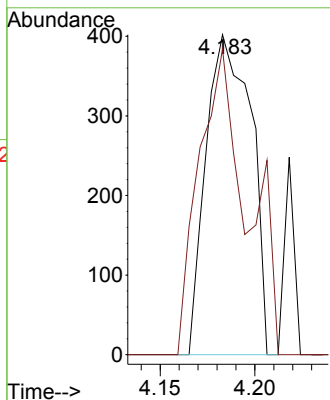
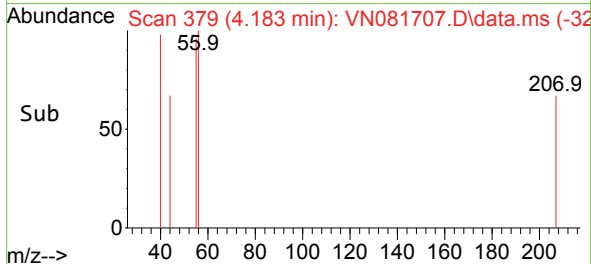


#13
Acrolein
Concen: 1.136 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

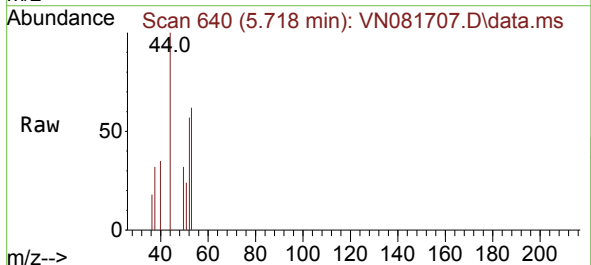
Instrument :
MSVOA_N
ClientSampleId :



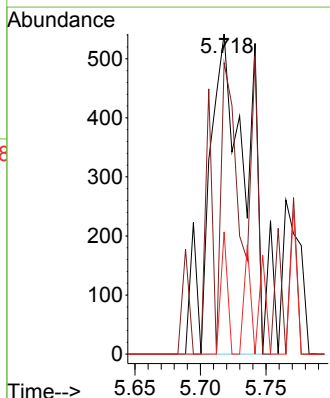
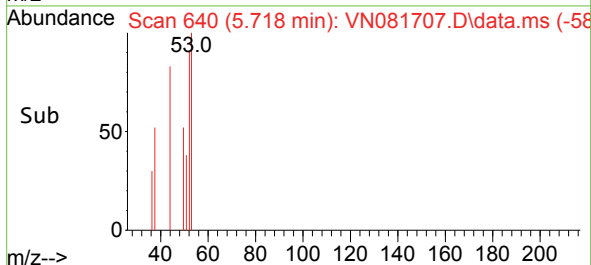
Tgt Ion: 56 Resp: 663
Ion Ratio Lower Upper
56 100
55 102.1 55.3 82.9#

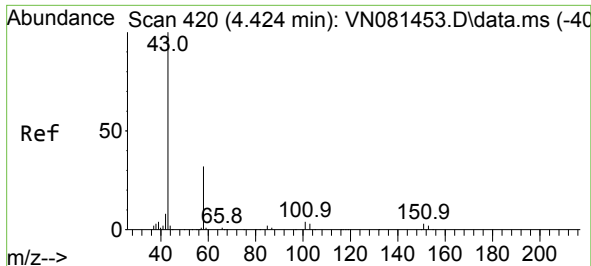


#15
Acrylonitrile
Concen: 0.661 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43



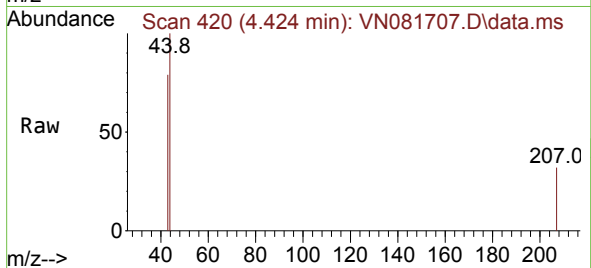
Tgt Ion: 53 Resp: 1151
Ion Ratio Lower Upper
53 100
52 58.3 64.8 97.2#
51 6.3 26.9 40.3#



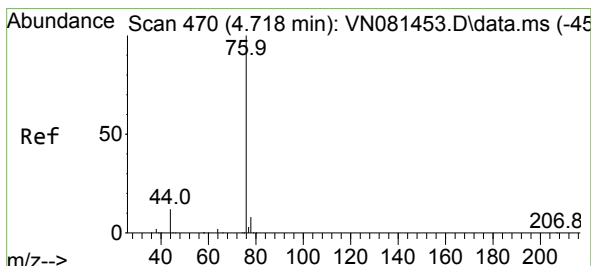
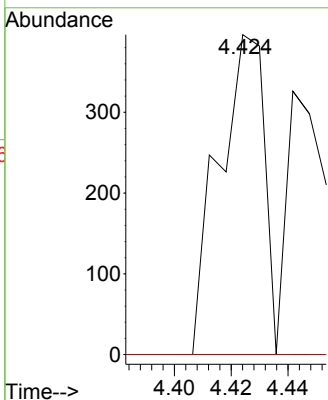
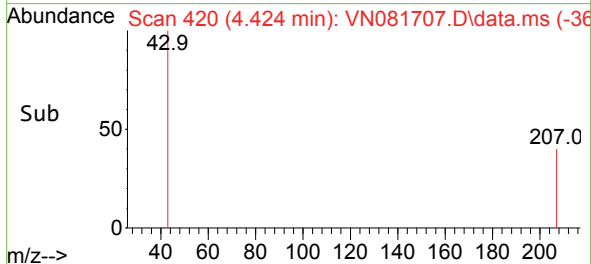


#16
Acetone
Concen: 0.366 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

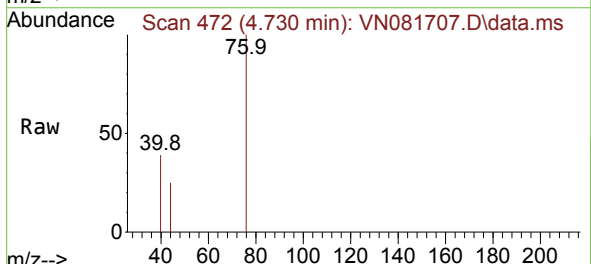
Instrument :
MSVOA_N
ClientSampleId :



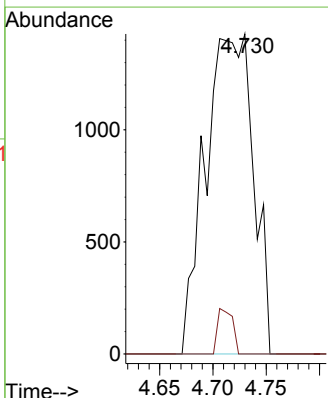
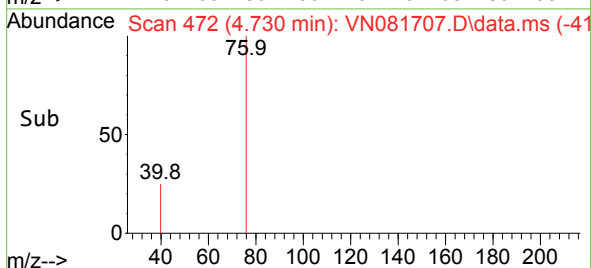
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#

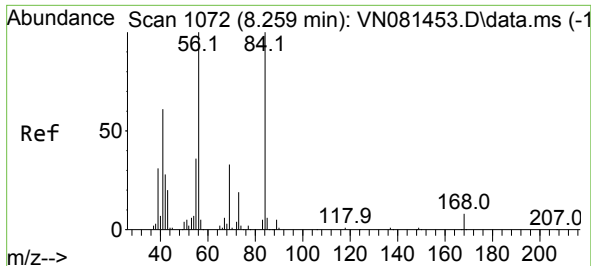


#17
Carbon Disulfide
Concen: 0.451 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43



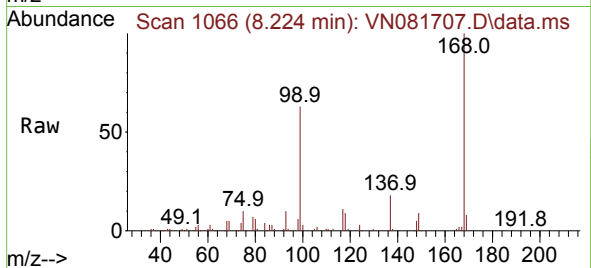
Tgt Ion: 76 Resp: 4468
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



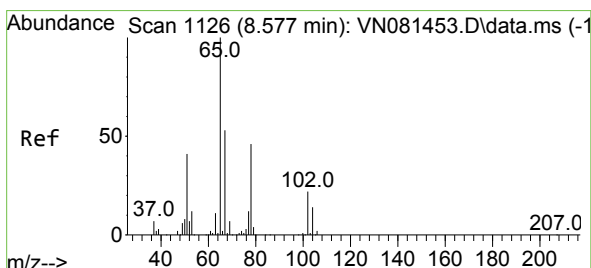
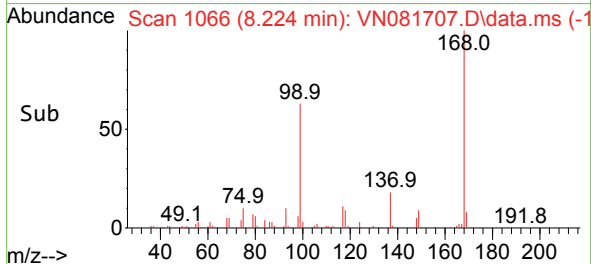
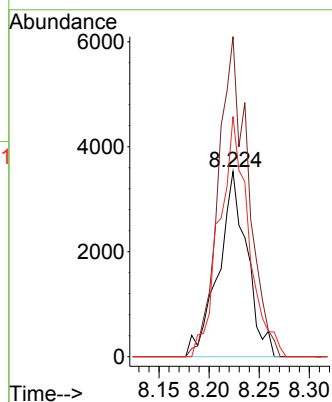


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :

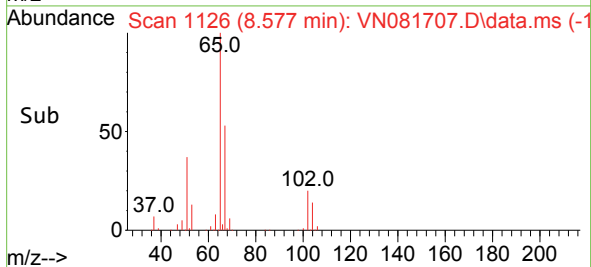
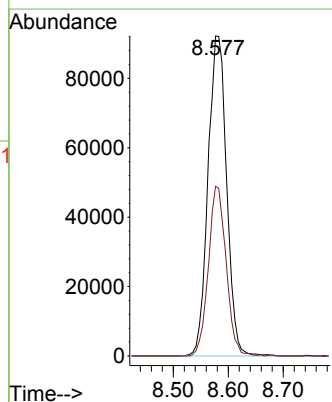
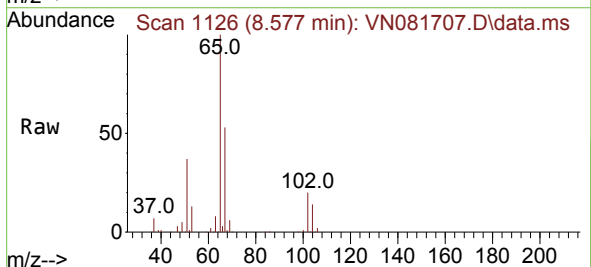


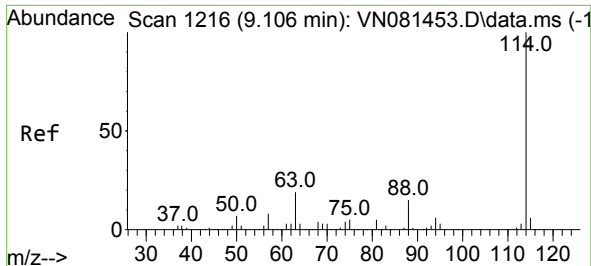
Tgt Ion	Ratio	Lower	Upper
56	100		
69	164.7	20.1	30.1#
84	138.4	56.9	85.3#



#33
1,2-Dichloroethane-d4
Concen: 58.113 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081707.D

Acq: 12 Apr 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

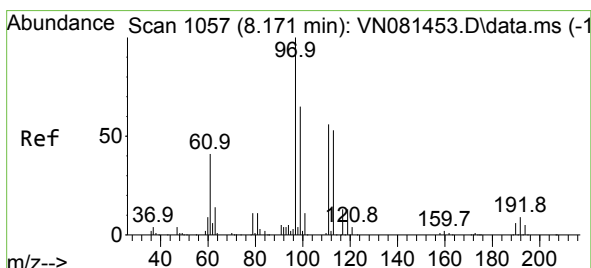
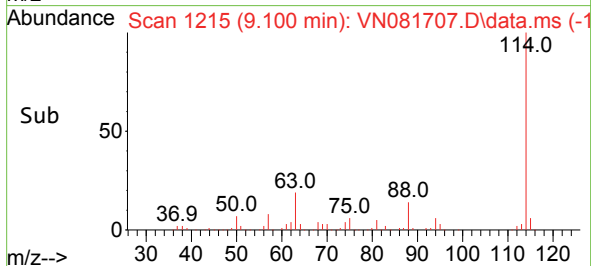
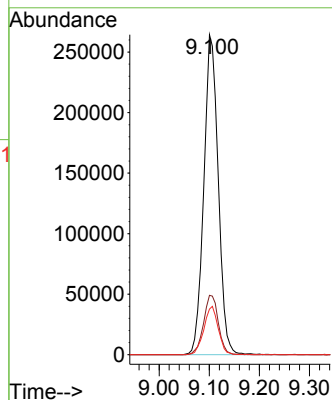
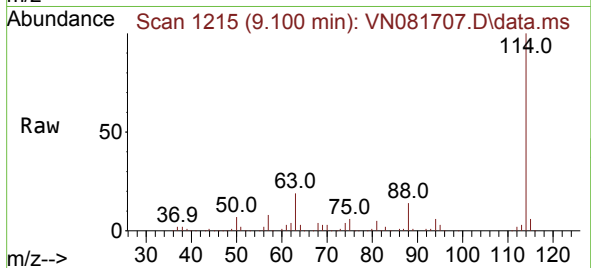
Tgt Ion:114 Resp: 528065

Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 14.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 54.561 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081707.D

Acq: 12 Apr 2024 10:43

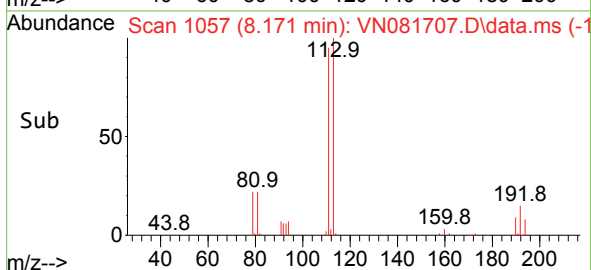
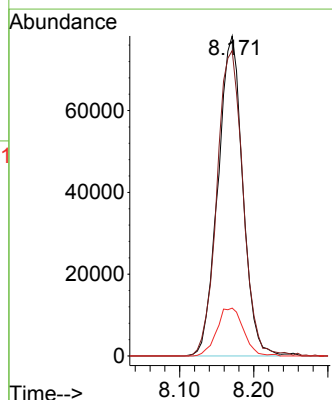
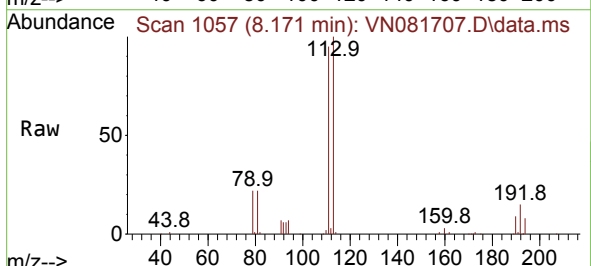
Tgt Ion:113 Resp: 181831

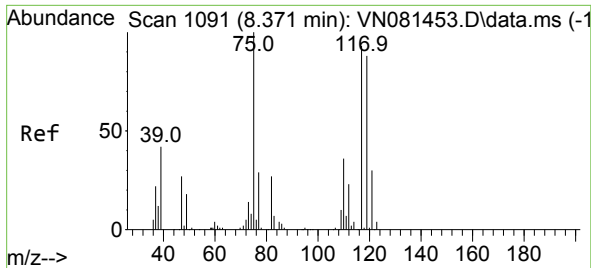
Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

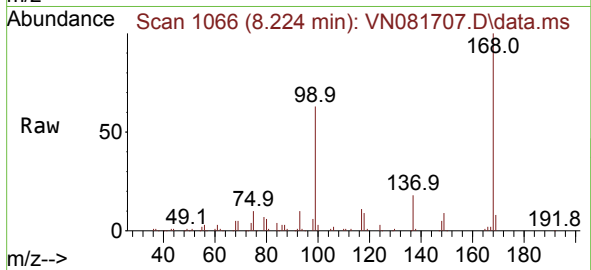
192 16.1 12.5 18.7



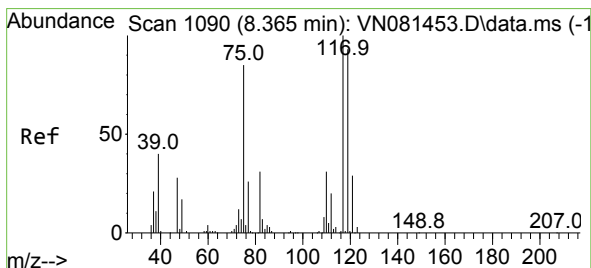
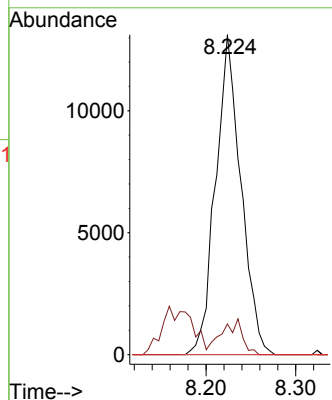
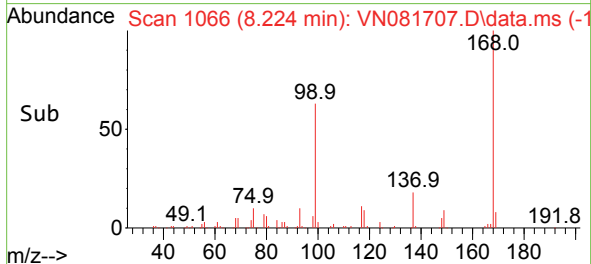


#36
1,1-Dichloropropene
Concen: 4.579 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

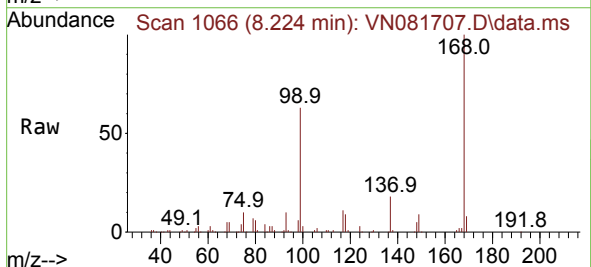
Instrument :
MSVOA_N
ClientSampleId :



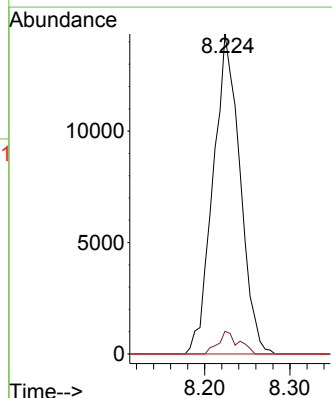
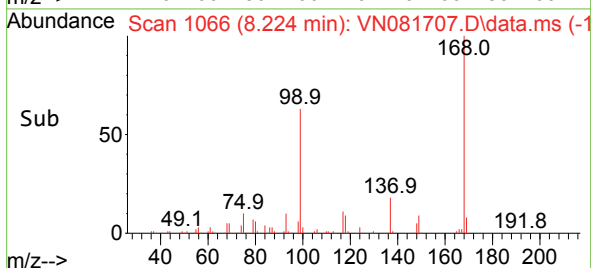
Tgt Ion: 75 Resp: 25679
Ion Ratio Lower Upper
75 100
110 9.3 16.0 48.0#
77 0.0 25.8 38.6#

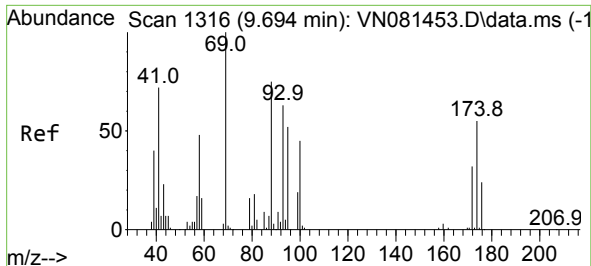


#38
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43



Tgt Ion: 117 Resp: 31519
Ion Ratio Lower Upper
117 100
119 7.1 73.4 110.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.612 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.017 min

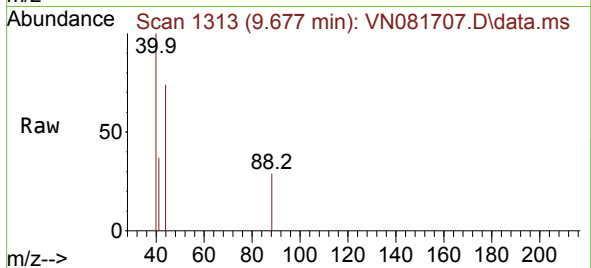
Lab File: VN081707.D

Acq: 12 Apr 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :



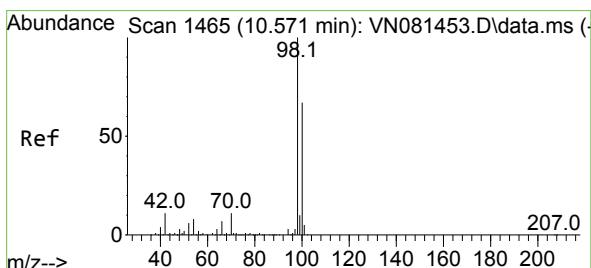
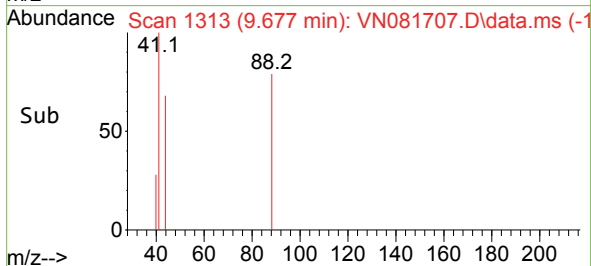
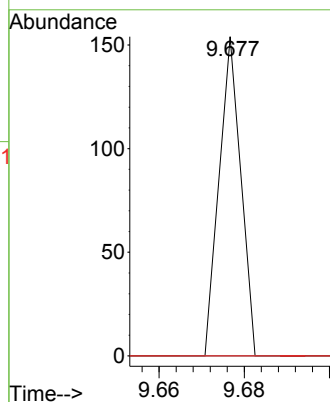
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 52.275 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081707.D

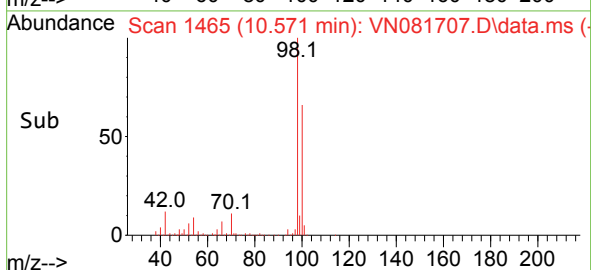
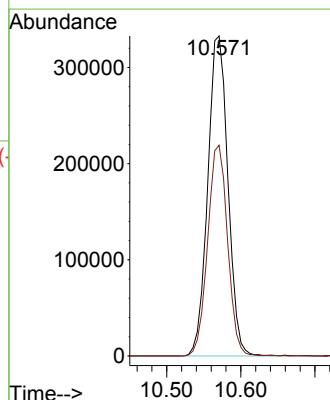
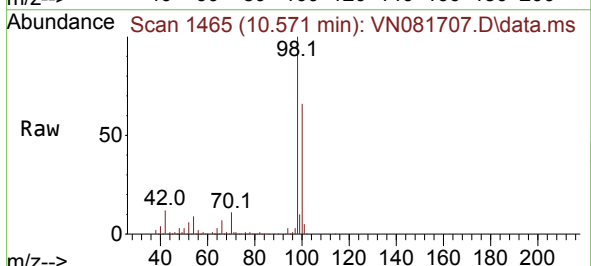
Acq: 12 Apr 2024 10:43

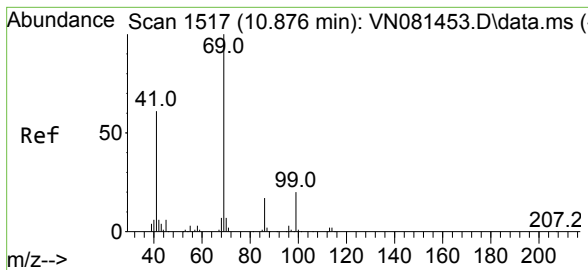
Tgt Ion: 98 Resp: 629759

Ion Ratio Lower Upper

98 100

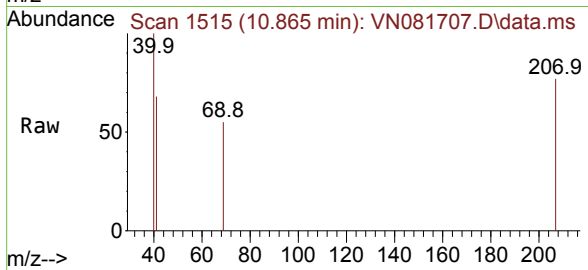
100 64.9 51.4 77.0



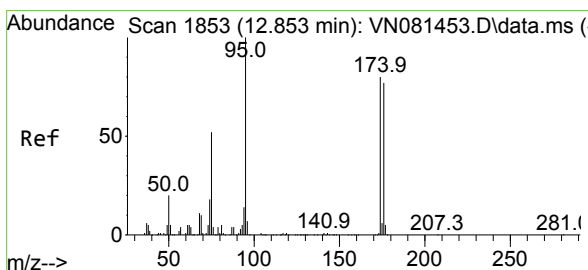
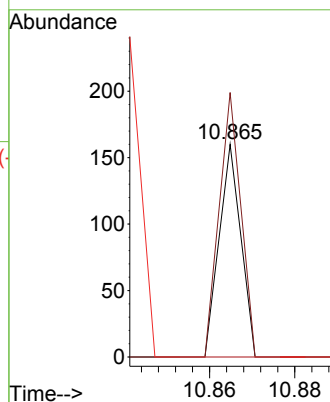
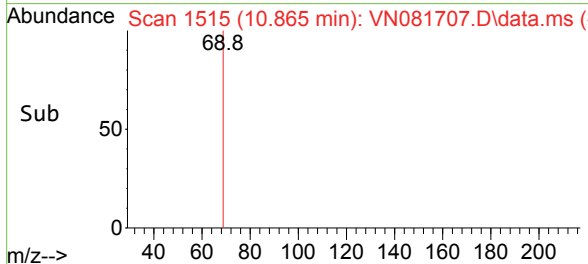


#56
Ethyl methacrylate
Concen: 0.580 ug/l
RT: 10.865 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

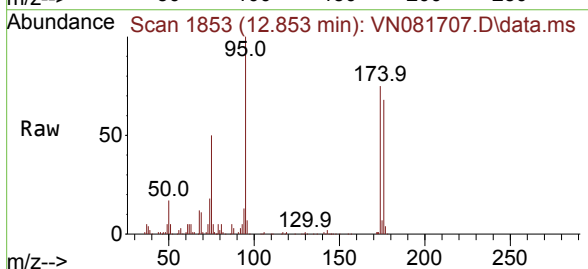
Instrument :
MSVOA_N
ClientSampleId :



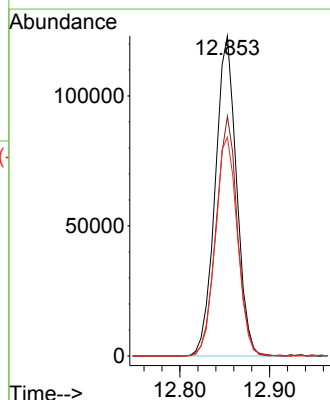
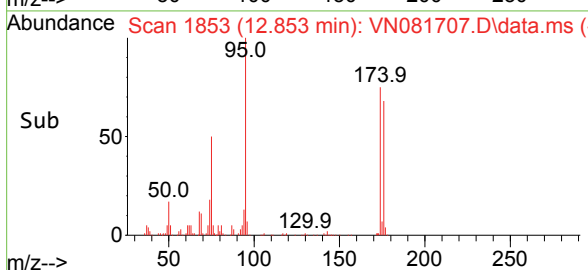
Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 125.0 61.0 91.6#
39 0.0 31.8 47.6#

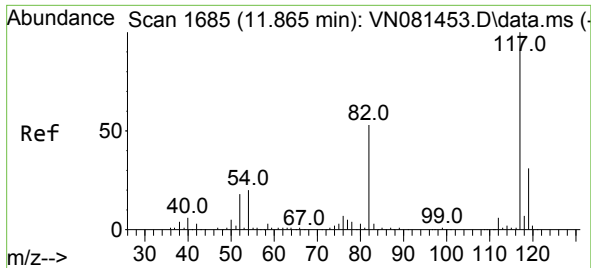


#62
4-Bromofluorobenzene
Concen: 47.754 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43



Tgt Ion: 95 Resp: 202710
Ion Ratio Lower Upper
95 100
174 74.7 0.0 120.4
176 70.8 0.0 121.0

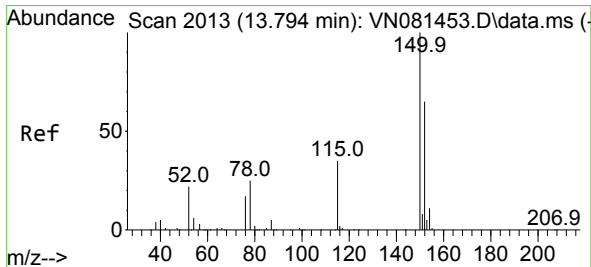
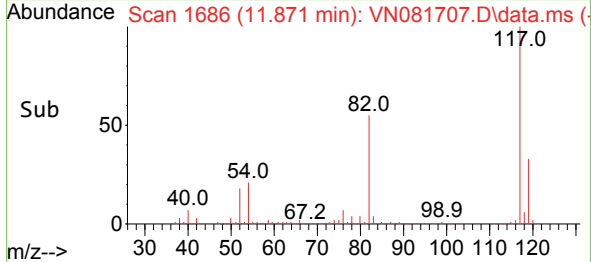
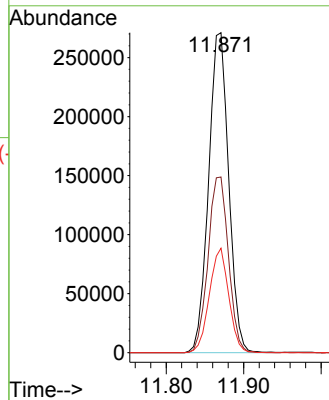
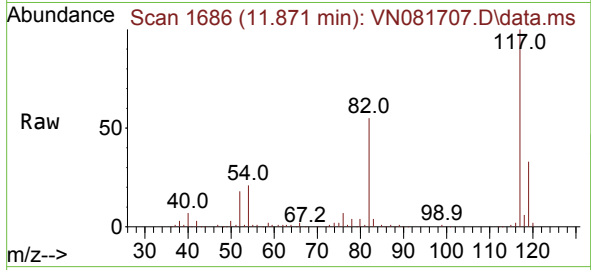




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

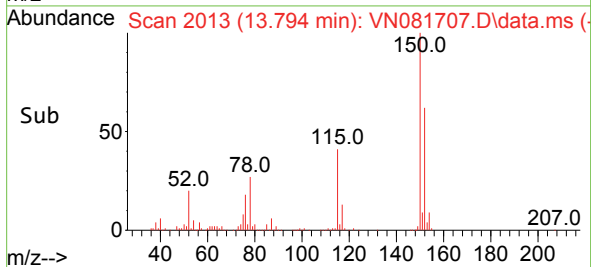
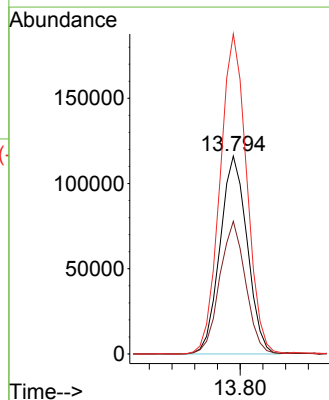
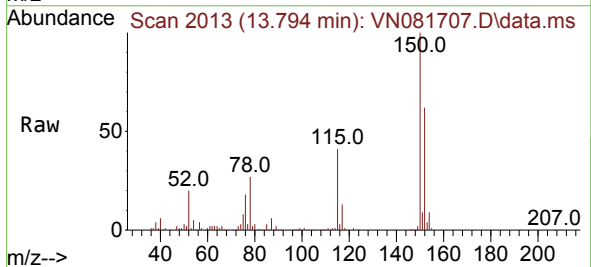
Instrument :
MSVOA_N
ClientSampleId :

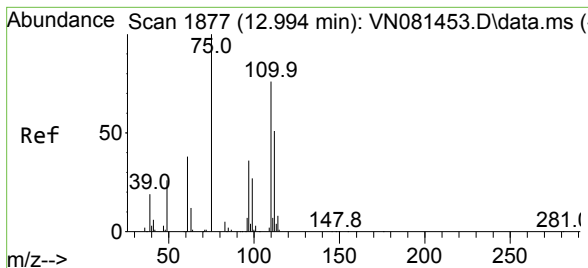
Tgt Ion:117 Resp: 487803
Ion Ratio Lower Upper
117 100
82 54.9 52.7 79.1
119 32.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

Tgt Ion:152 Resp: 192679
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 158.9 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 23.669 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

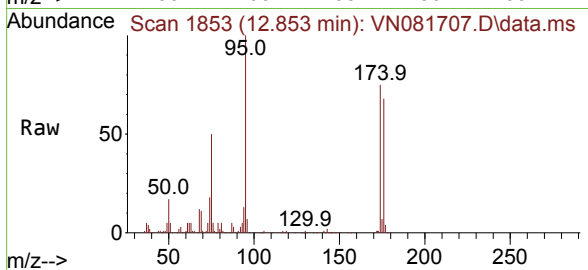
Lab File: VN081707.D

Acq: 12 Apr 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

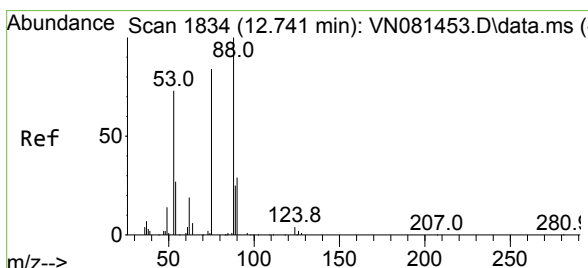
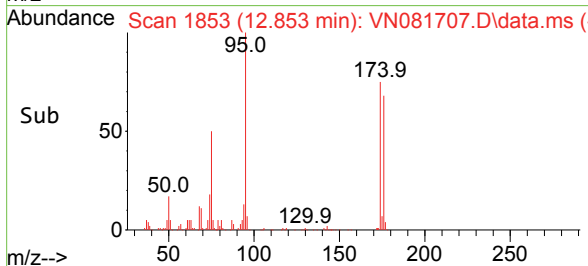
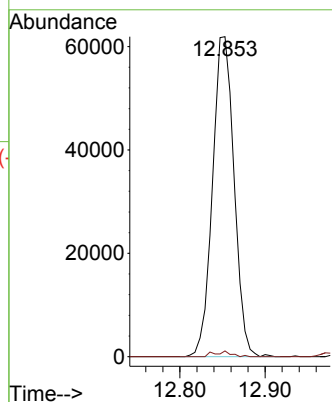


Tgt Ion: 75 Resp: 109088

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.960 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081707.D

Acq: 12 Apr 2024 10:43

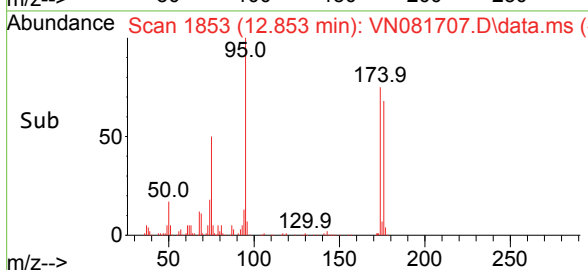
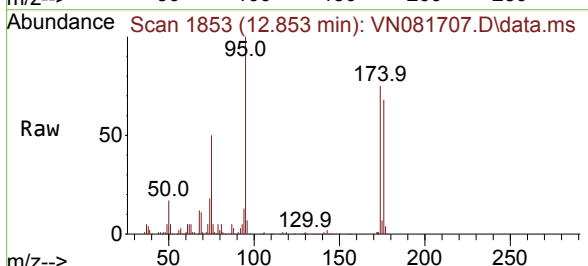
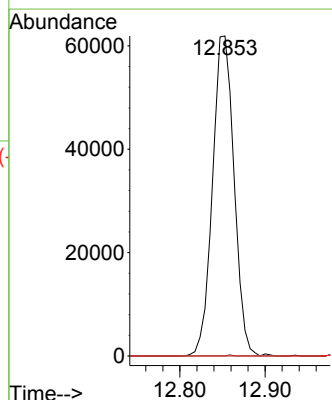
Tgt Ion: 75 Resp: 109088

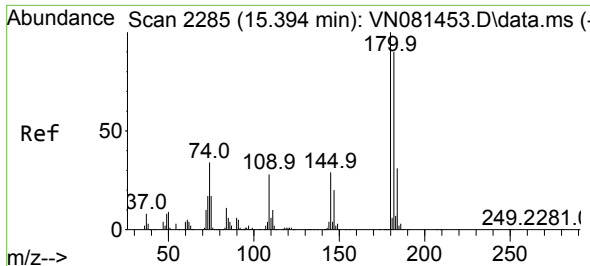
Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.2#

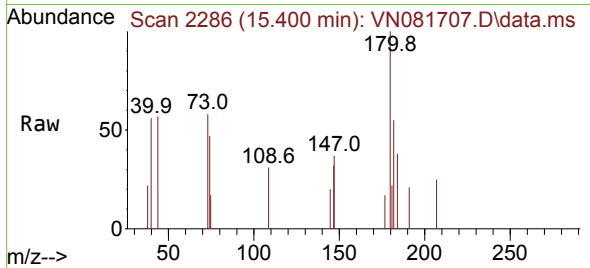
89 0.0 33.4 50.0#



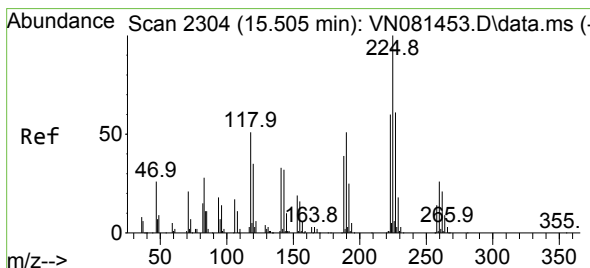
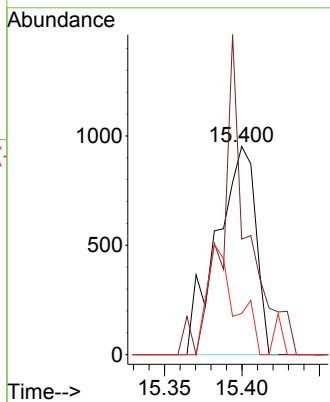
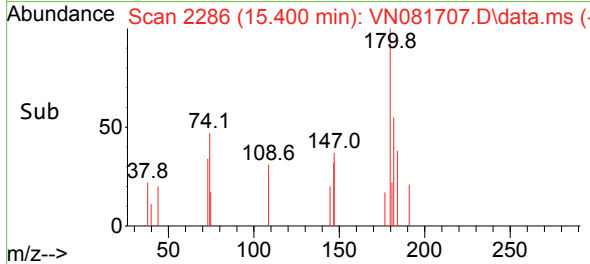


#93
1,2,4-Trichlorobenzene
Concen: 0.400 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

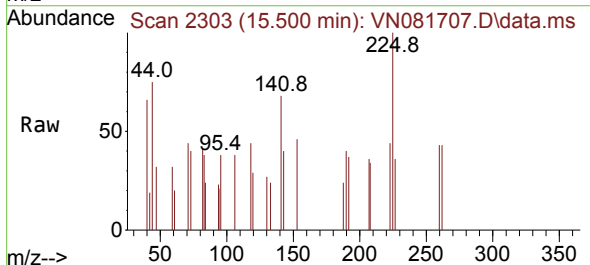
Instrument :
MSVOA_N
ClientSampleId :



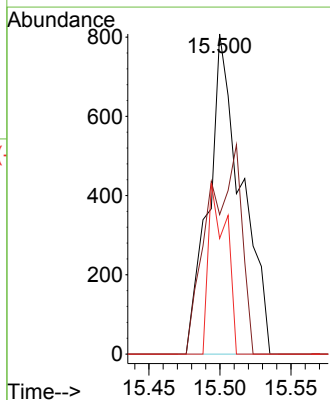
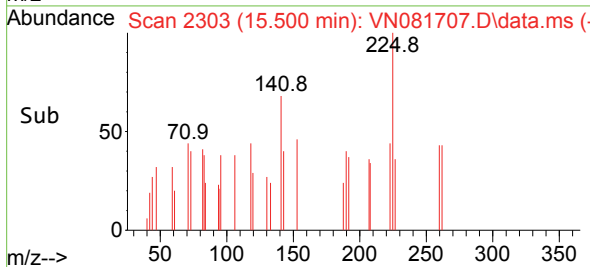
Tgt Ion:180 Resp: 1661
Ion Ratio Lower Upper
180 100
182 101.6 46.6 139.7
145 38.5 16.8 50.3

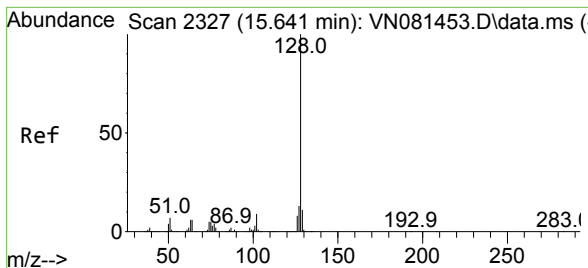


#94
Hexachlorobutadiene
Concen: 0.714 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43



Tgt Ion:225 Resp: 1299
Ion Ratio Lower Upper
225 100
223 65.1 33.3 99.8
227 29.2 33.1 99.2#

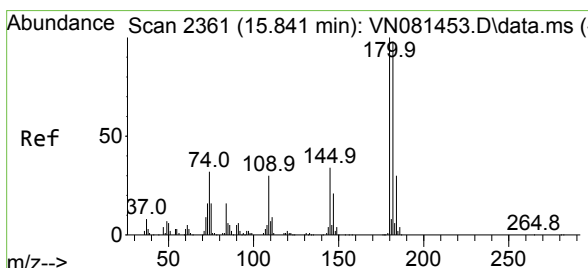
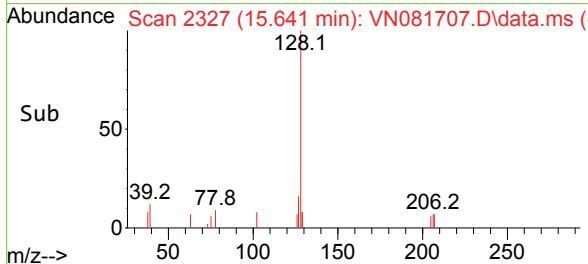
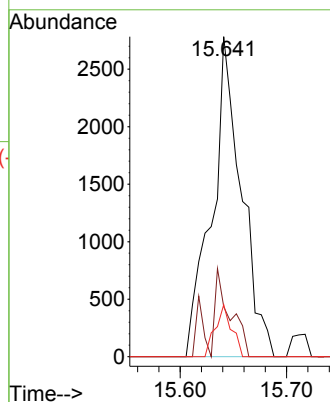
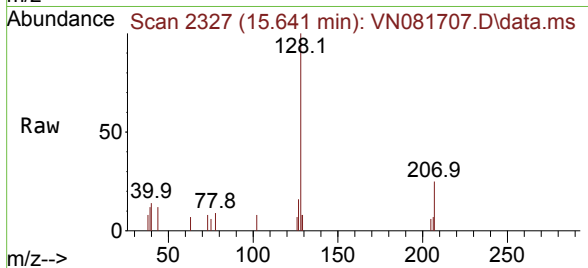




#95
Naphthalene
Concen: 0.399 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5358
Ion Ratio Lower Upper
128 100
127 14.2 10.0 15.0
129 9.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.485 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN081707.D
Acq: 12 Apr 2024 10:43

Tgt Ion:180 Resp: 2022
Ion Ratio Lower Upper
180 100
182 54.1 46.5 139.3
145 42.1 17.8 53.4

