

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081353.D
 Acq On : 11 Mar 2024 10:55
 Operator : JC\MD
 Sample : VN0311MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBL01

Quant Time: Mar 12 04:48:55 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)

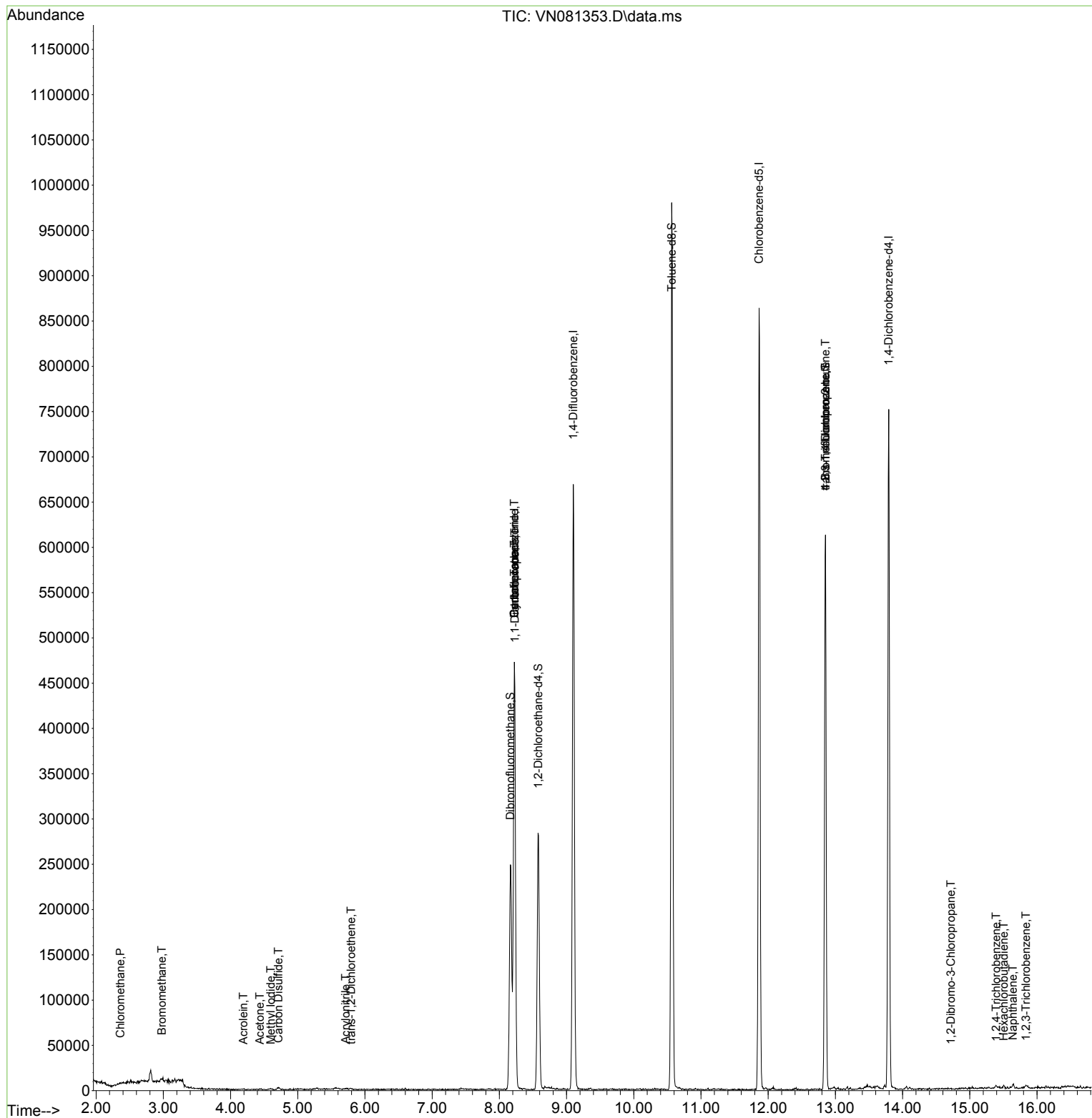
Internal Standards						
1) Pentafluorobenzene	8.224	168	317811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	557519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	486072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	224601	48.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.760%		
35) Dibromofluoromethane	8.165	113	175061	51.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.500%		
50) Toluene-d8	10.565	98	662604	51.892	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.780%		
62) 4-Bromofluorobenzene	12.853	95	206853	45.835	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.660%		
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	1031	0.227	ug/l #	78
5) Bromomethane	2.977	94	2507	0.791	ug/l #	54
10) Methyl Iodide	4.600	142	1375	0.376	ug/l #	84
13) Acrolein	4.189	56	953	1.002	ug/l #	23
15) Acrylonitrile	5.712	53	660	0.314	ug/l #	23
16) Acetone	4.436	43	639	0.392	ug/l #	44
17) Carbon Disulfide	4.712	76	4763	0.451	ug/l	100
20) Methylene Chloride	5.277	84	621	Below Cal	#	49
21) trans-1,2-Dichloroethene	5.794	96	893	0.214	ug/l #	32
31) Cyclohexane	8.224	56	8498	1.221	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	31033	5.631	ug/l #	43
38) Carbon Tetrachloride	8.224	117	35905	6.474	ug/l #	19
76) 1,2,3-Trichloropropane	12.853	75	115263	25.156	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115263	70.207	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.717	75	221	0.214	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.394	180	1306	0.363	ug/l #	89
94) Hexachlorobutadiene	15.506	225	793	0.534	ug/l #	60
95) Naphthalene	15.641	128	5164	0.404	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	1569	0.430	ug/l	96

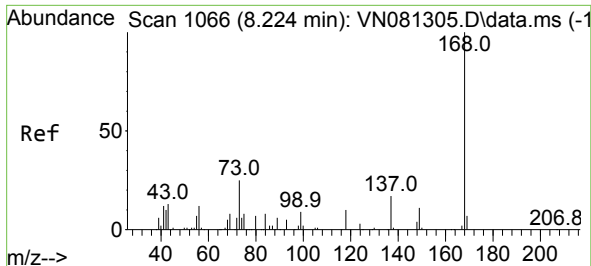
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
Data File : VN081353.D
Acq On : 11 Mar 2024 10:55
Operator : JC\MD
Sample : VN0311MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

Quant Time: Mar 12 04:48:55 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

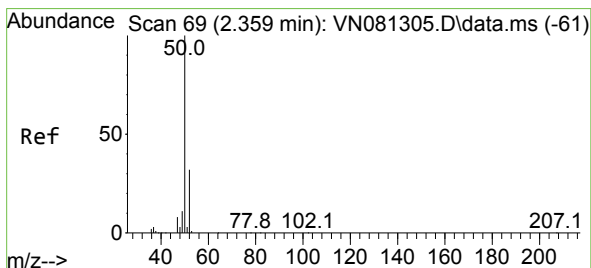
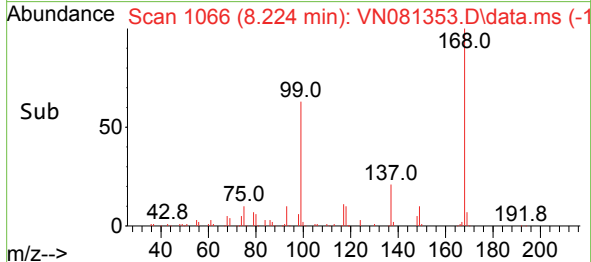
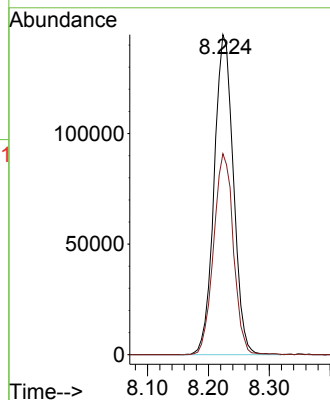
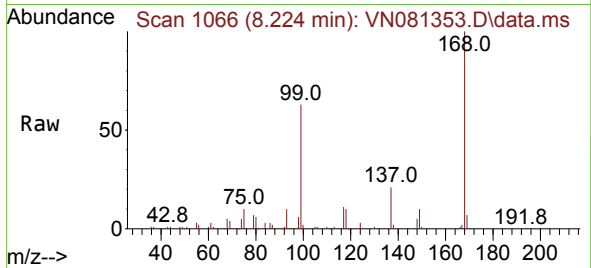




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

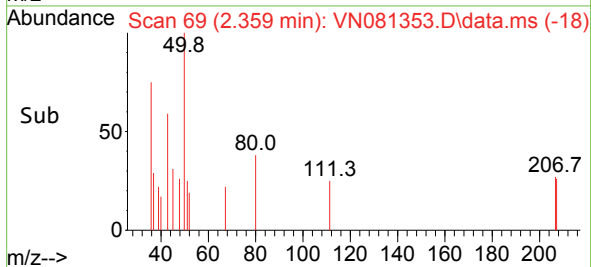
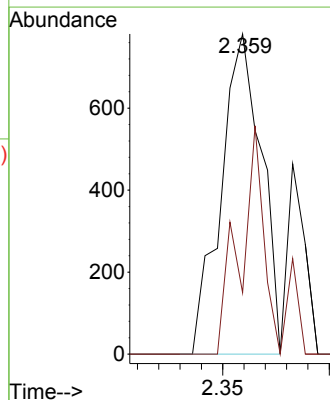
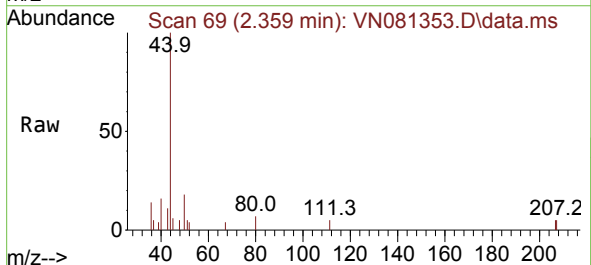
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

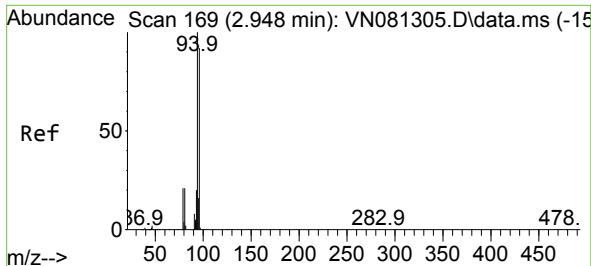
Tgt Ion:168 Resp: 317811
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9



#3
Chloromethane
Concen: 0.227 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion: 50 Resp: 1031
Ion Ratio Lower Upper
50 100
52 19.2 25.0 37.4#

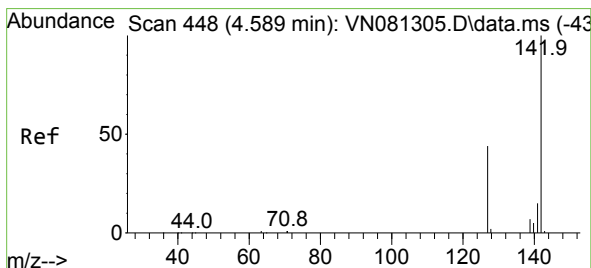
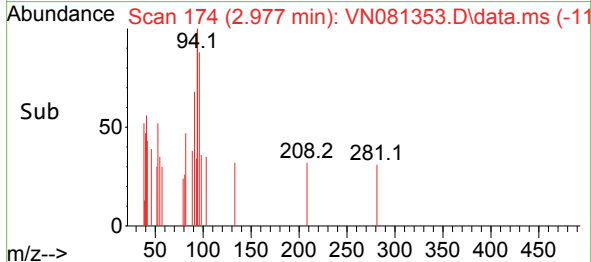
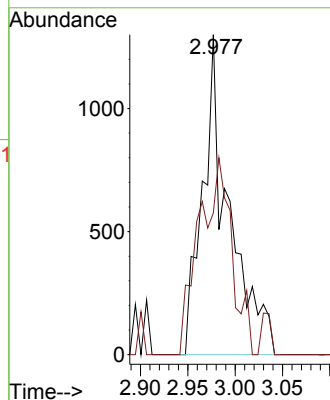
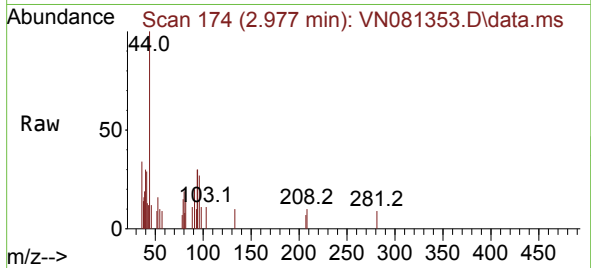




#5
Bromomethane
Concen: 0.791 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

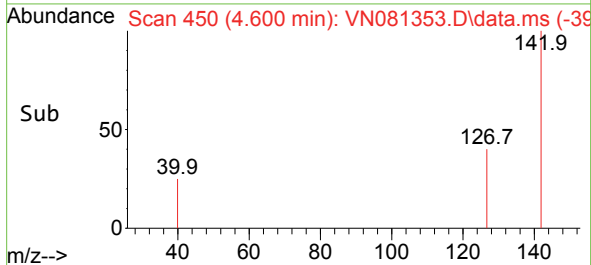
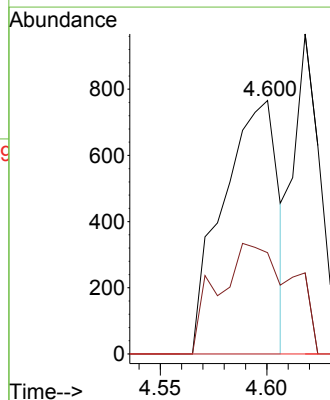
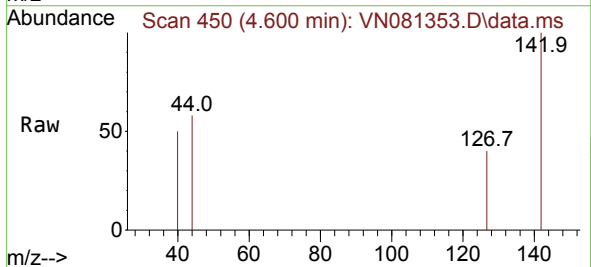
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

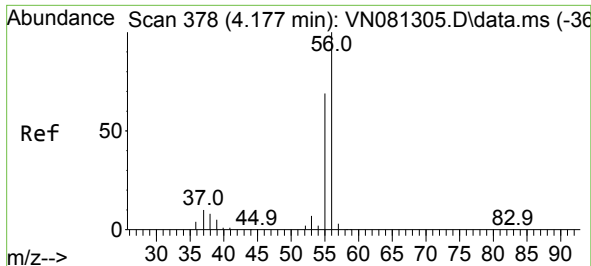
Tgt Ion: 94 Resp: 2507
Ion Ratio Lower Upper
94 100
96 44.3 69.2 103.8#



#10
Methyl Iodide
Concen: 0.376 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion: 142 Resp: 1375
Ion Ratio Lower Upper
142 100
127 39.9 37.0 55.4
141 0.0 12.5 18.7#

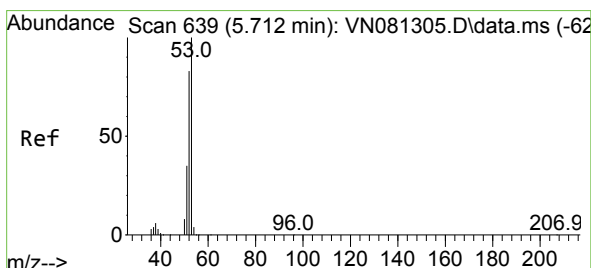
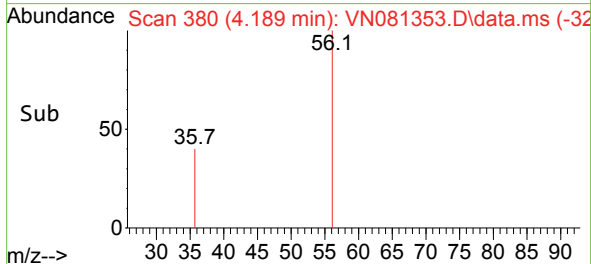
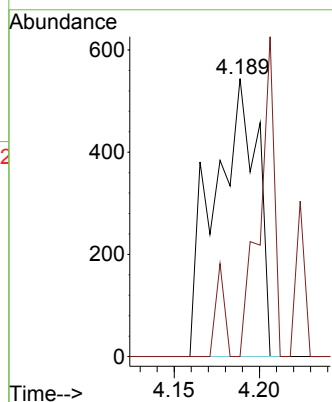
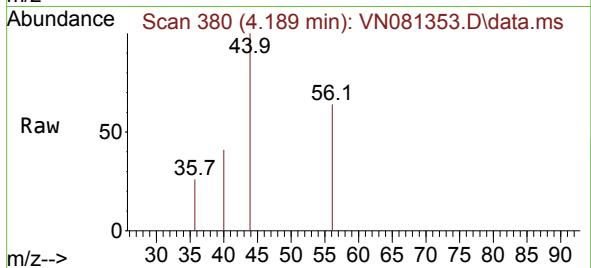




#13
Acrolein
Concen: 1.002 ug/l
RT: 4.189 min Scan# 311
Delta R.T. 0.012 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

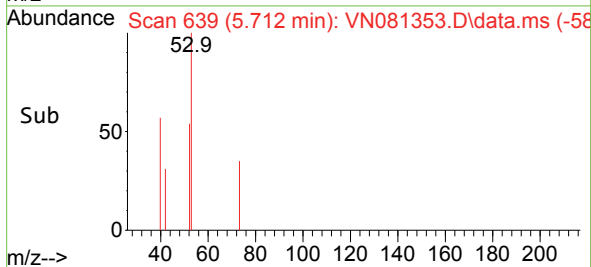
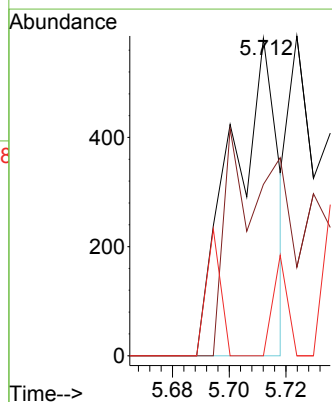
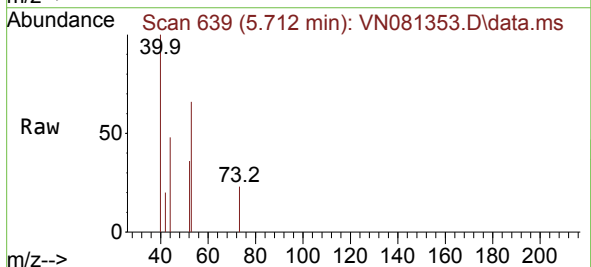
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

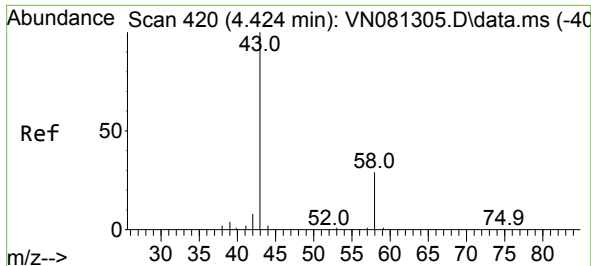
Tgt Ion: 56 Resp: 953
Ion Ratio Lower Upper
56 100
55 6.7 55.3 82.9#



#15
Acrylonitrile
Concen: 0.314 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion: 53 Resp: 660
Ion Ratio Lower Upper
53 100
52 0.0 64.8 97.2#
51 9.8 26.9 40.3#





#16

Acetone

Concen: 0.392 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081353.D

Acq: 11 Mar 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

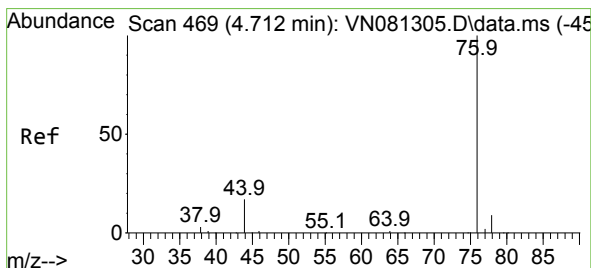
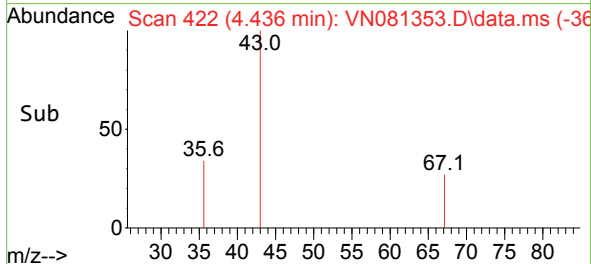
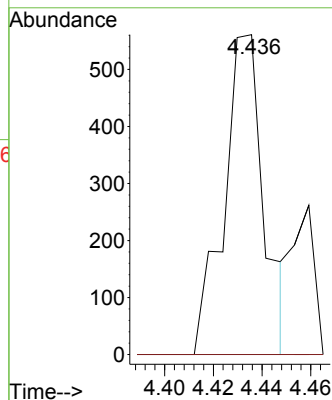
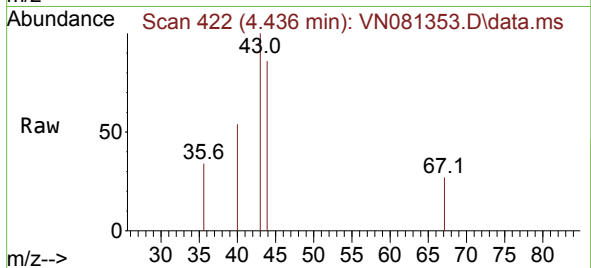
VN0311MBL01

Tgt Ion: 43 Resp: 639

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#17

Carbon Disulfide

Concen: 0.451 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081353.D

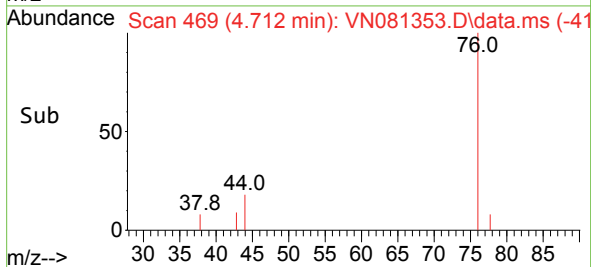
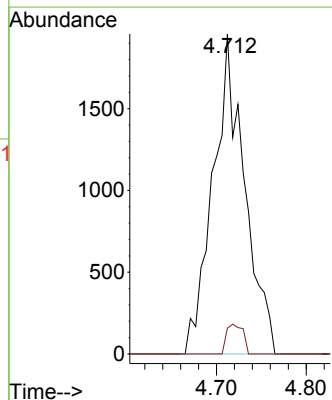
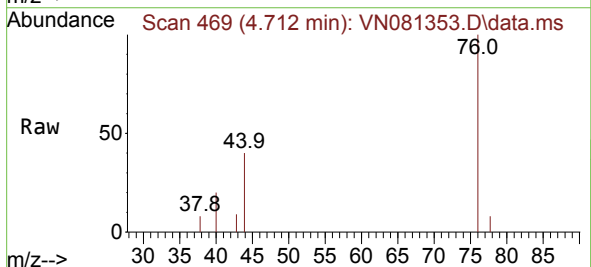
Acq: 11 Mar 2024 10:55

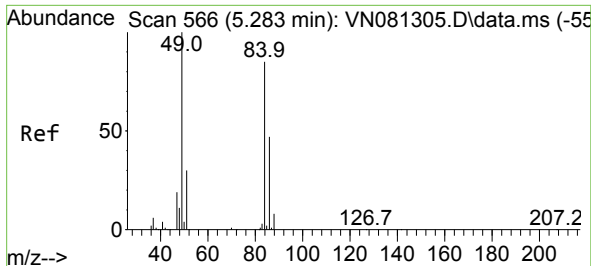
Tgt Ion: 76 Resp: 4763

Ion Ratio Lower Upper

76 100

78 8.0 6.3 9.5

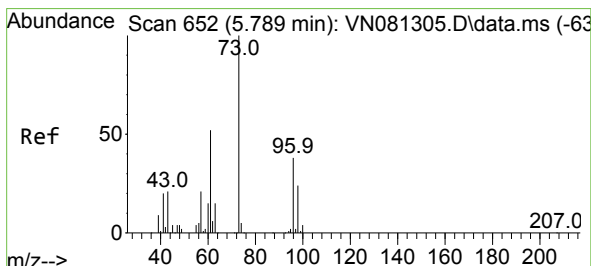
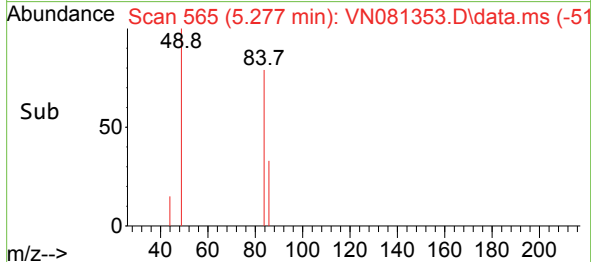
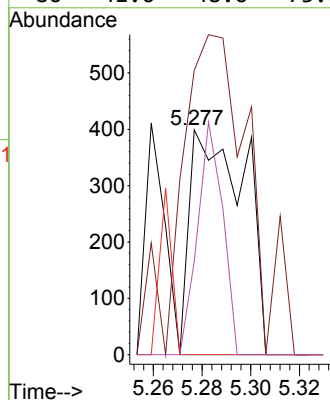
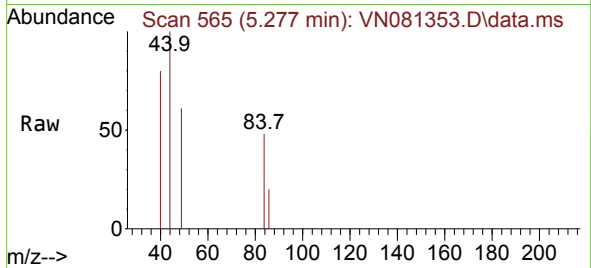




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 501
Delta R.T. -0.006 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

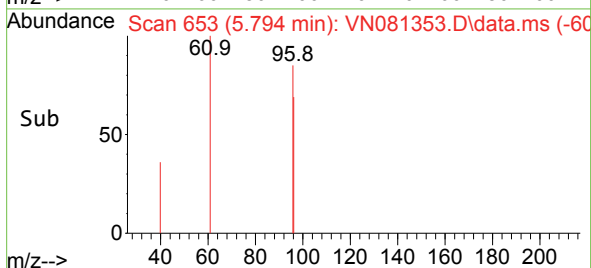
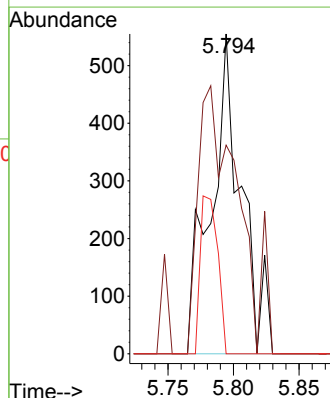
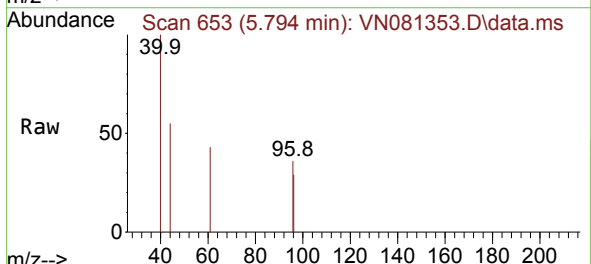
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

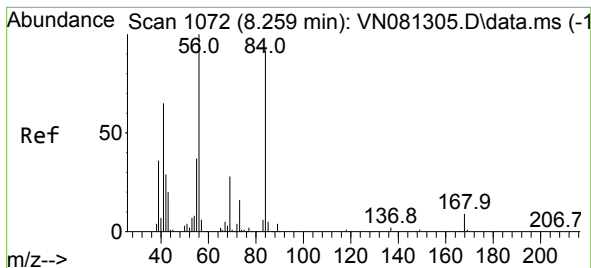
Tgt Ion: 84 Resp: 621
Ion Ratio Lower Upper
84 100
49 64.9 108.1 162.1#
51 0.0 32.9 49.3#
86 41.6 48.6 73.0#



#21
trans-1,2-Dichloroethene
Concen: 0.214 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

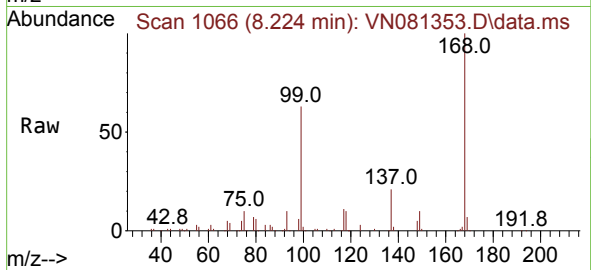
Tgt Ion: 96 Resp: 893
Ion Ratio Lower Upper
96 100
61 65.2 112.8 169.2#
98 0.0 51.0 76.4#



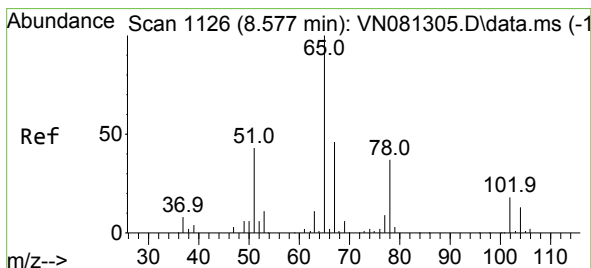
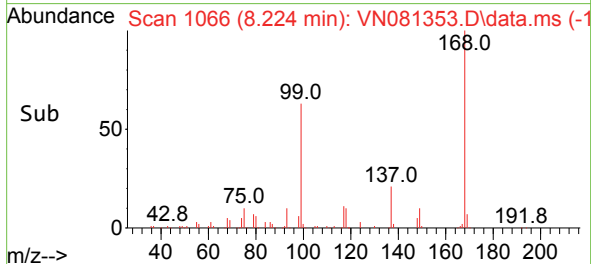
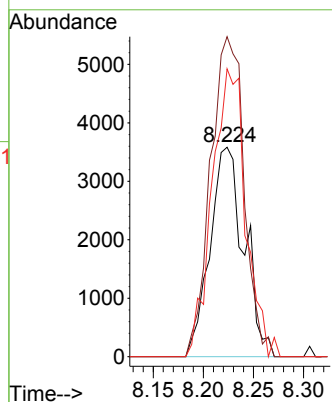


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

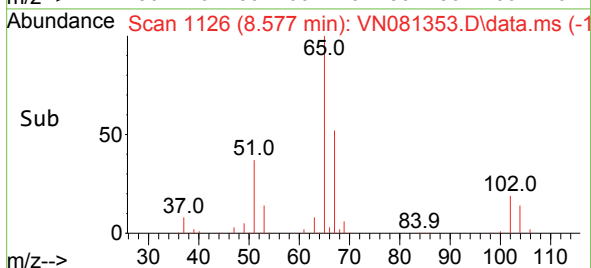
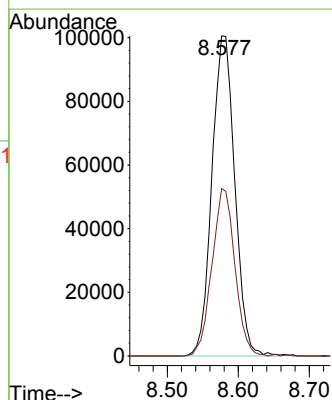
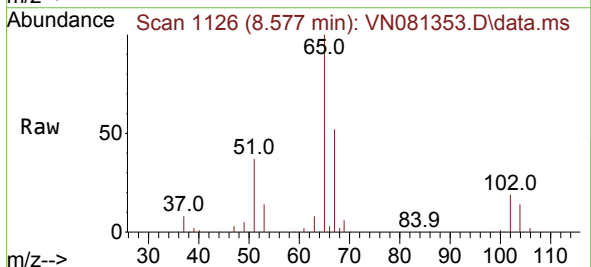


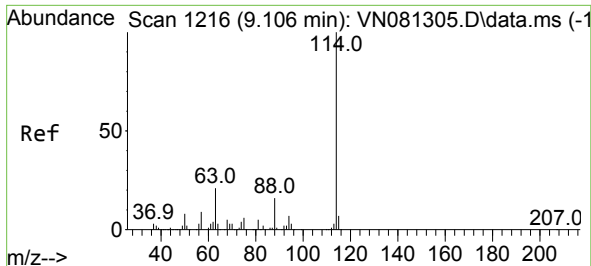
Tgt Ion: 56 Resp: 8498
Ion Ratio Lower Upper
56 100
69 152.8 20.1 30.1#
84 137.5 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 48.877 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion: 65 Resp: 224601
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081353.D

Acq: 11 Mar 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBL01

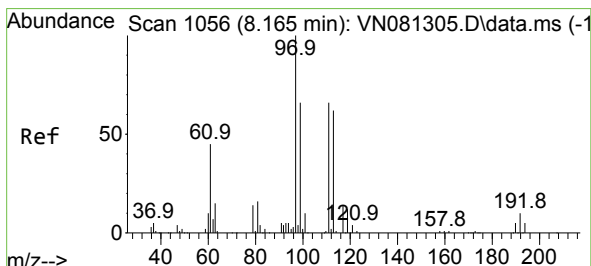
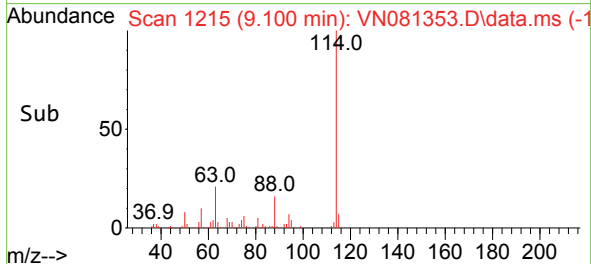
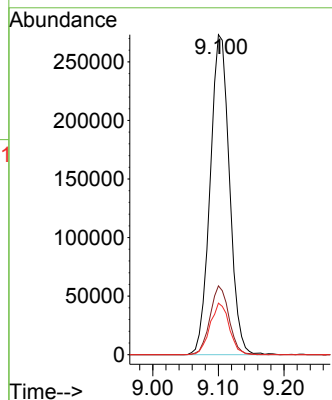
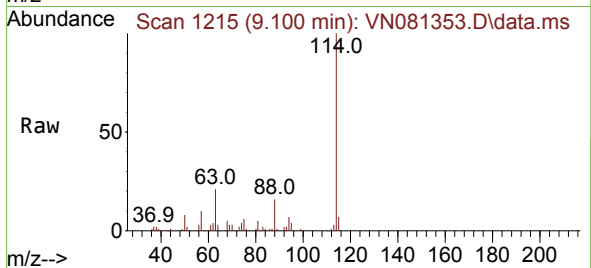
Tgt Ion:114 Resp: 557519

Ion Ratio Lower Upper

114 100

63 21.5 0.0 48.0

88 16.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.251 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081353.D

Acq: 11 Mar 2024 10:55

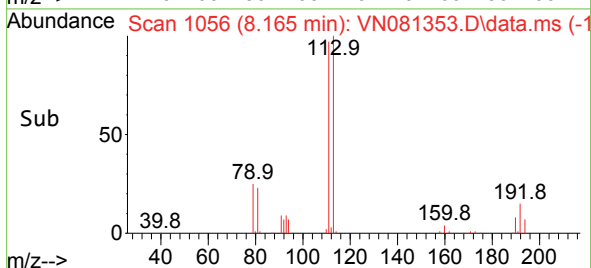
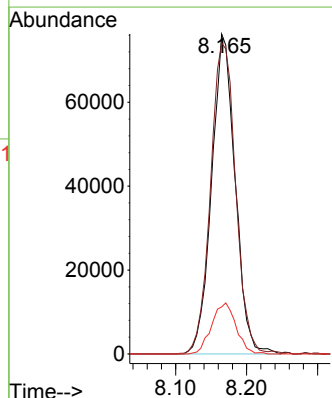
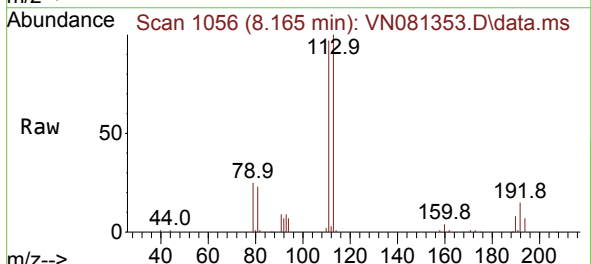
Tgt Ion:113 Resp: 175061

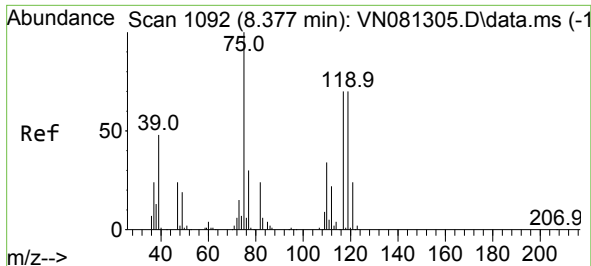
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 16.6 12.5 18.7

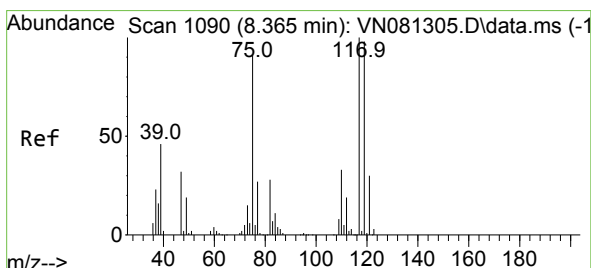
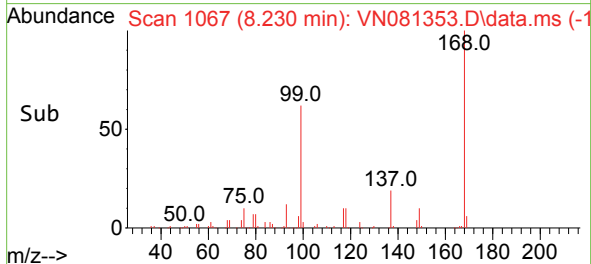
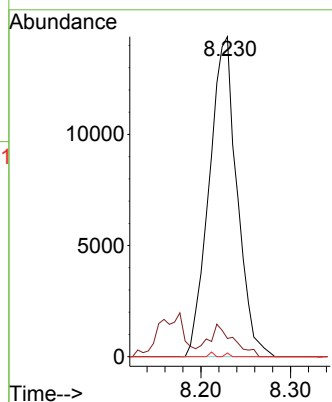
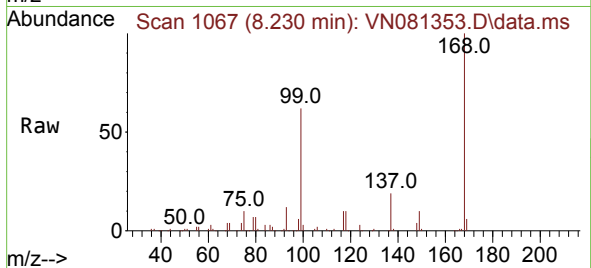




#36
1,1-Dichloropropene
Concen: 5.631 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

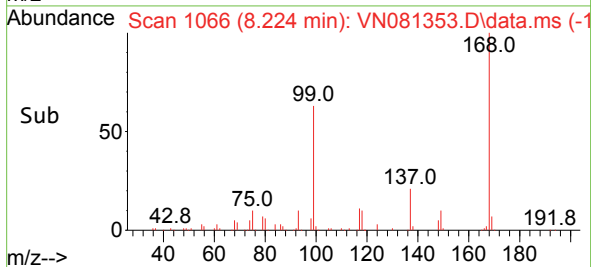
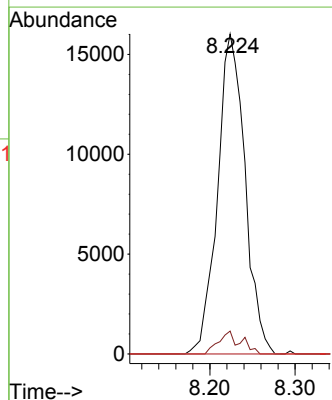
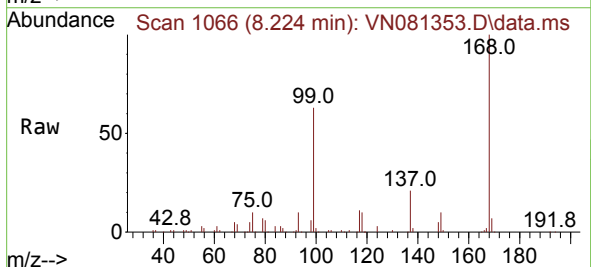
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

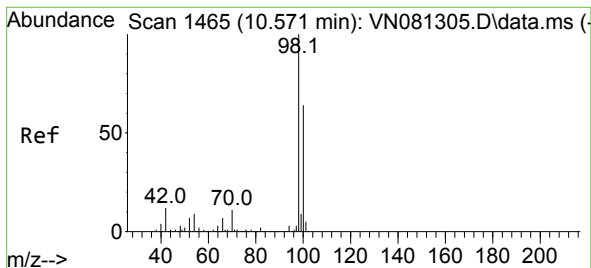
Tgt Ion: 75 Resp: 31033
Ion Ratio Lower Upper
75 100
110 0.0 16.0 48.0#
77 0.2 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.474 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion: 117 Resp: 35905
Ion Ratio Lower Upper
117 100
119 7.2 73.4 110.2#
121 0.0 24.4 36.6#

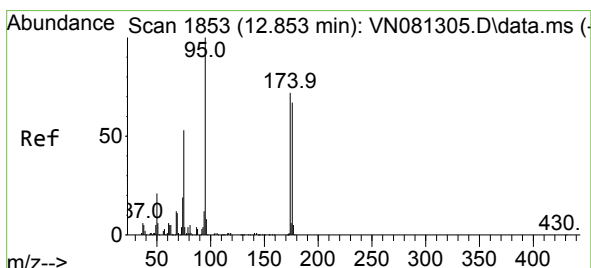
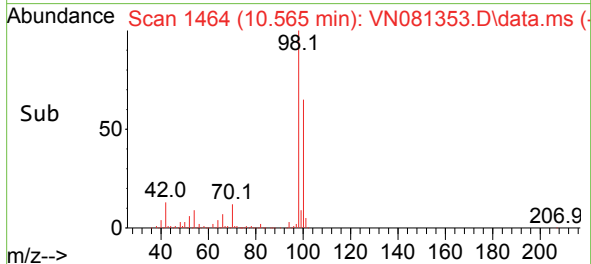
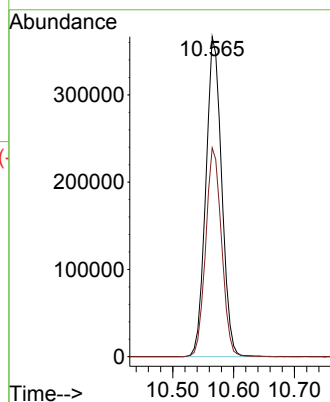
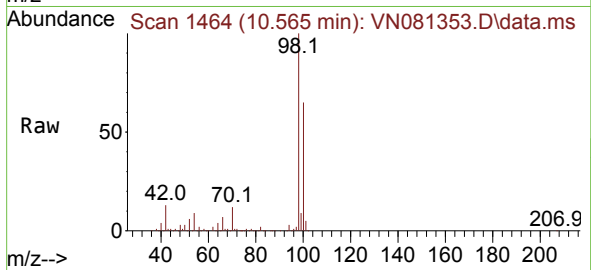




#50
Toluene-d8
Concen: 51.892 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

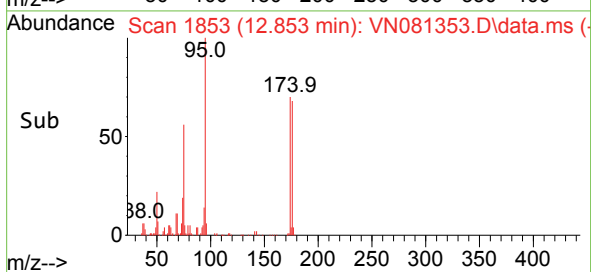
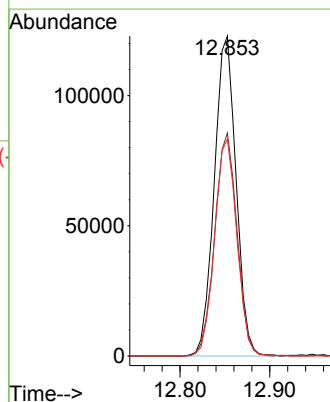
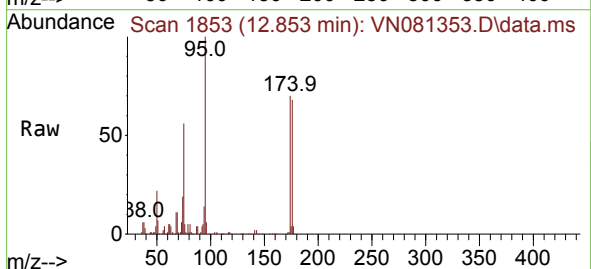
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

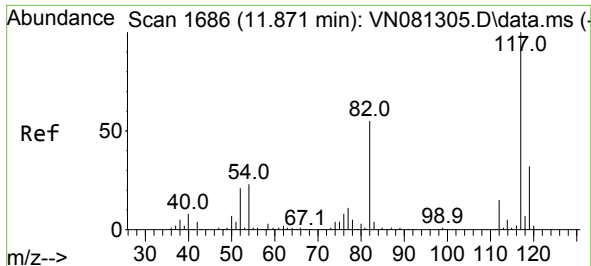
Tgt Ion: 98 Resp: 662604
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.835 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion: 95 Resp: 206853
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 69.3 0.0 121.0

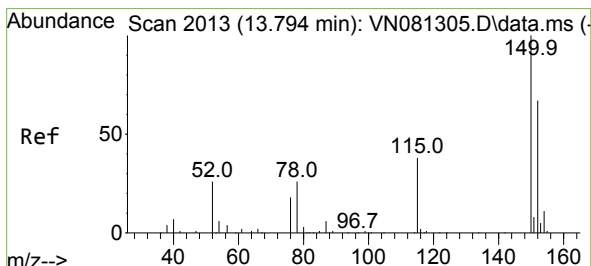
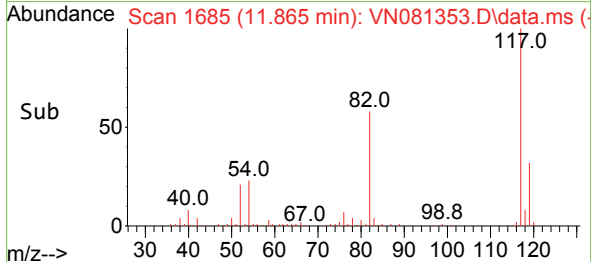
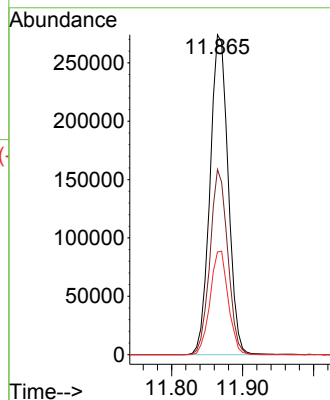
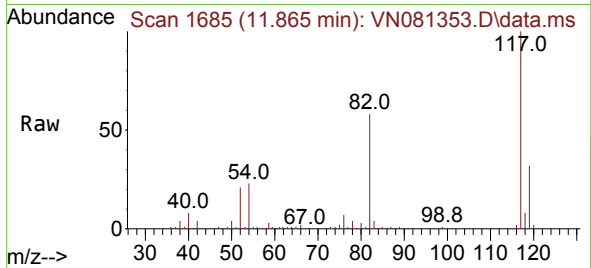




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

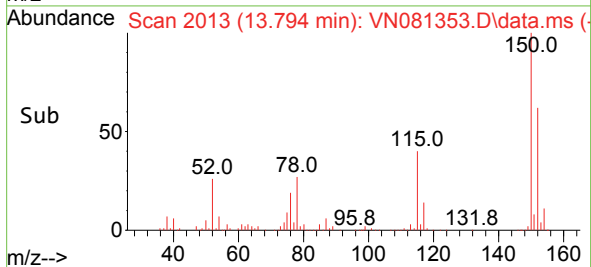
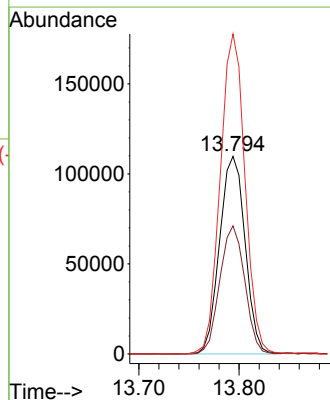
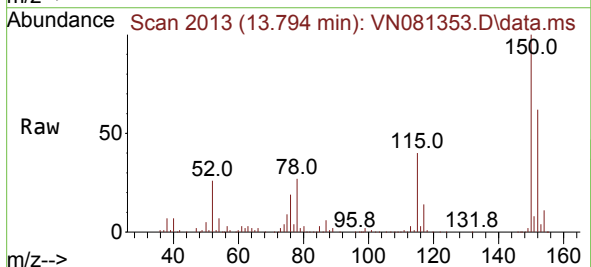
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

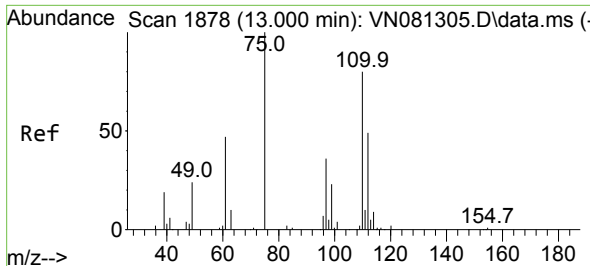
Tgt Ion:117 Resp: 486072
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion:152 Resp: 193985
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 156.9 0.0 339.8

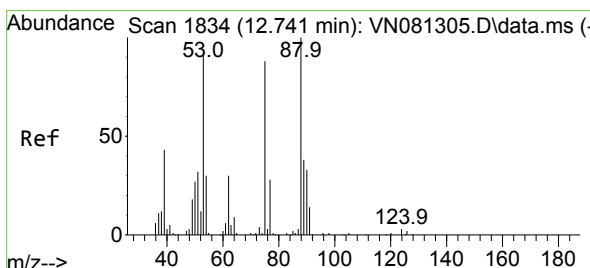
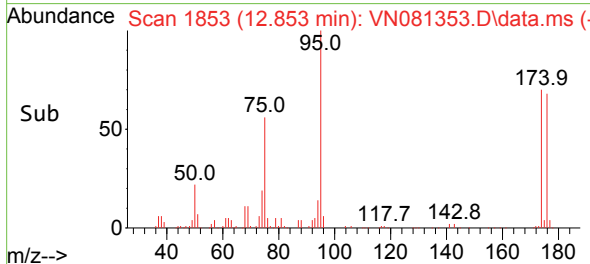
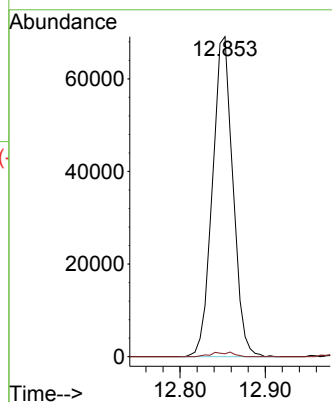
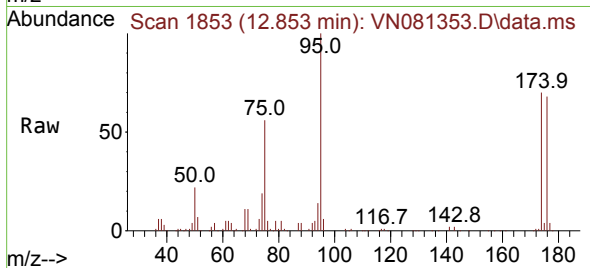




#76
1,2,3-Trichloropropane
Concen: 25.156 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

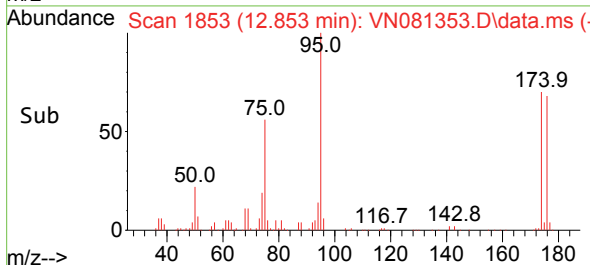
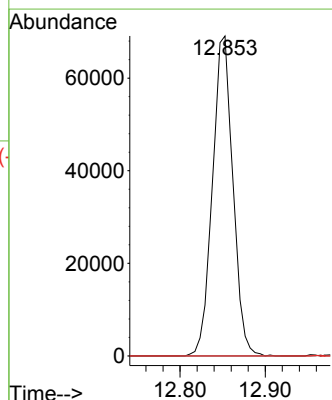
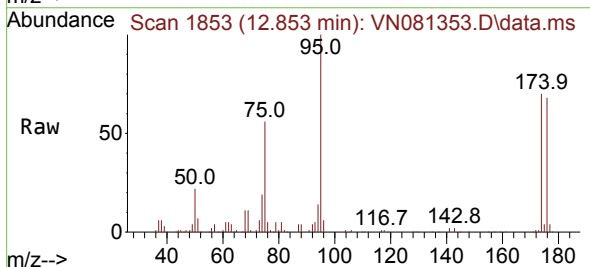
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBL01

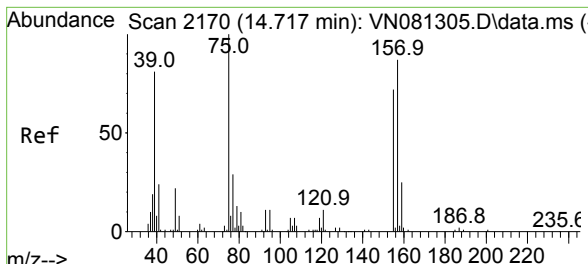
Tgt Ion: 75 Resp: 115263
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.207 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081353.D
Acq: 11 Mar 2024 10:55

Tgt Ion: 75 Resp: 115263
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

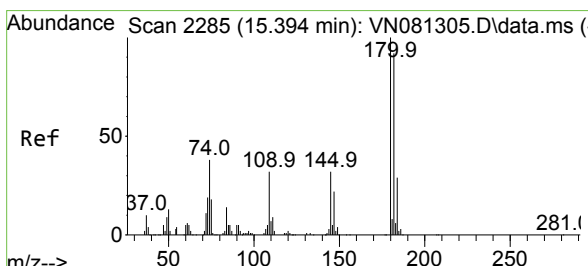
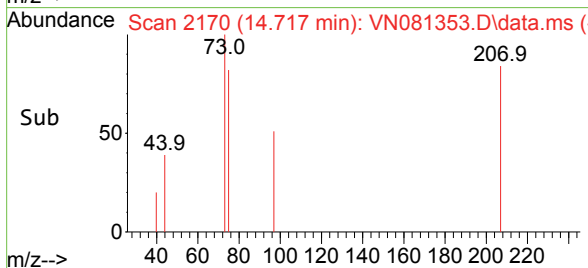
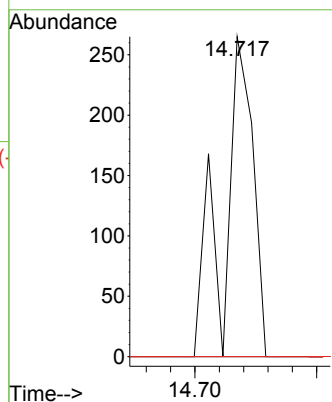
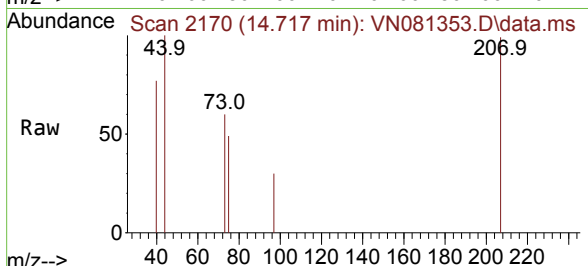




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.214 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN081353.D
 Acq: 11 Mar 2024 10:55

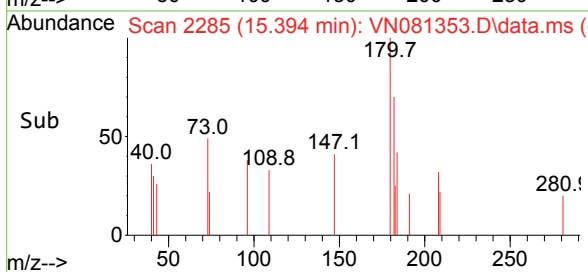
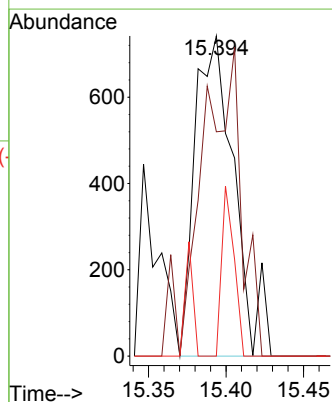
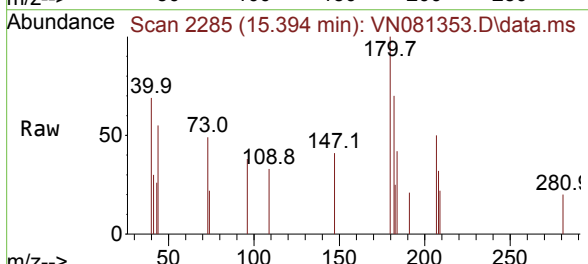
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBL01

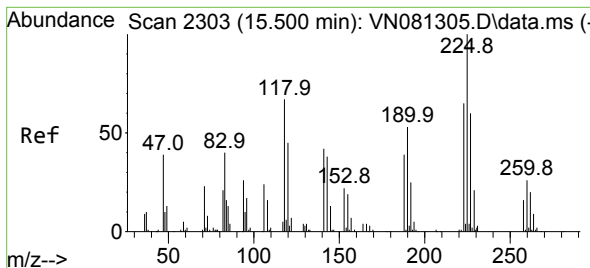
Tgt Ion: 75 Resp: 221
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.8 95.4#
 157 0.0 41.1 123.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.363 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN081353.D
 Acq: 11 Mar 2024 10:55

Tgt Ion: 180 Resp: 1306
 Ion Ratio Lower Upper
 180 100
 182 97.8 46.6 139.7
 145 16.7 16.8 50.3#





#94

Hexachlorobutadiene

Concen: 0.534 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081353.D

Acq: 11 Mar 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBL01

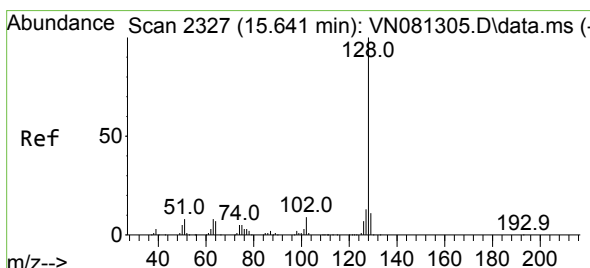
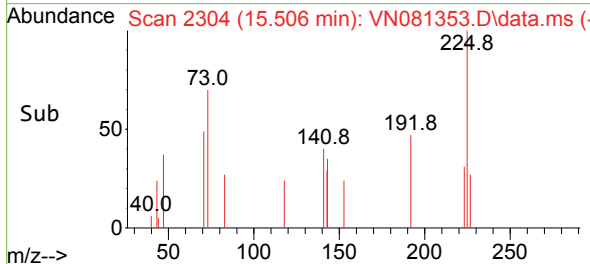
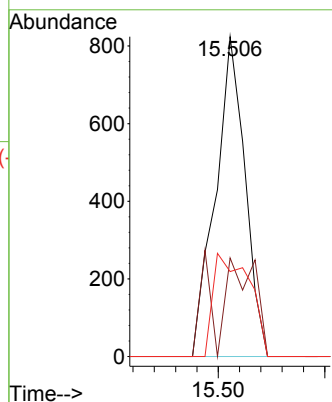
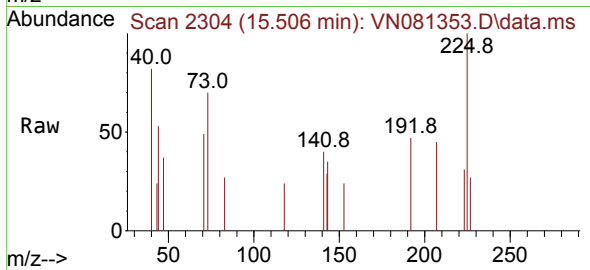
Tgt Ion:225 Resp: 793

Ion Ratio Lower Upper

225 100

223 30.0 33.3 99.8#

227 39.3 33.1 99.2



#95

Naphthalene

Concen: 0.404 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081353.D

Acq: 11 Mar 2024 10:55

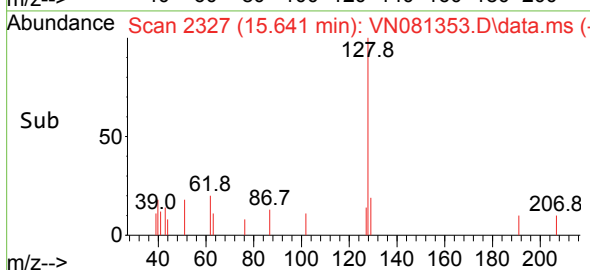
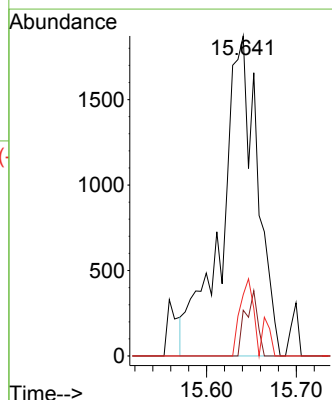
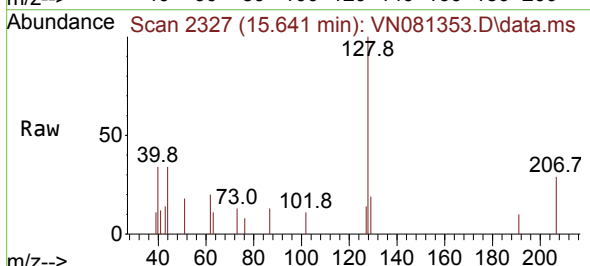
Tgt Ion:128 Resp: 5164

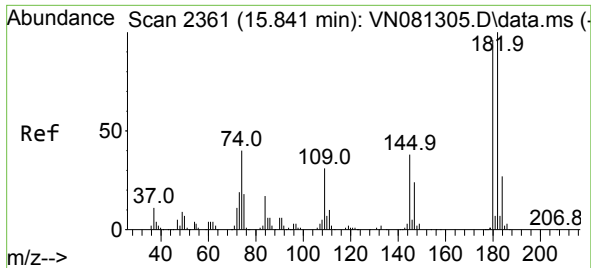
Ion Ratio Lower Upper

128 100

127 7.0 10.0 15.0#

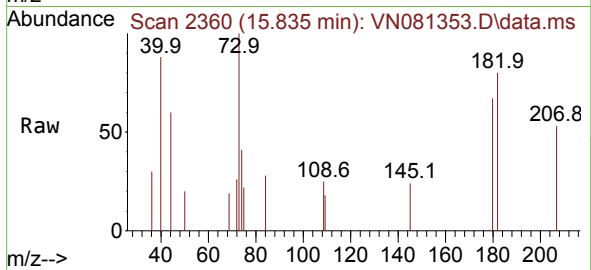
129 9.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.430 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN081353.D
 Acq: 11 Mar 2024 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBL01



Tgt Ion:	180	Resp:	1569
Ion Ratio	Lower	Upper	
180	100		
182	89.2	46.5	139.3
145	34.0	17.8	53.4

