

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081777.D
 Acq On : 18 Apr 2024 10:55
 Operator : JC\MD
 Sample : VN0418MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:19:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

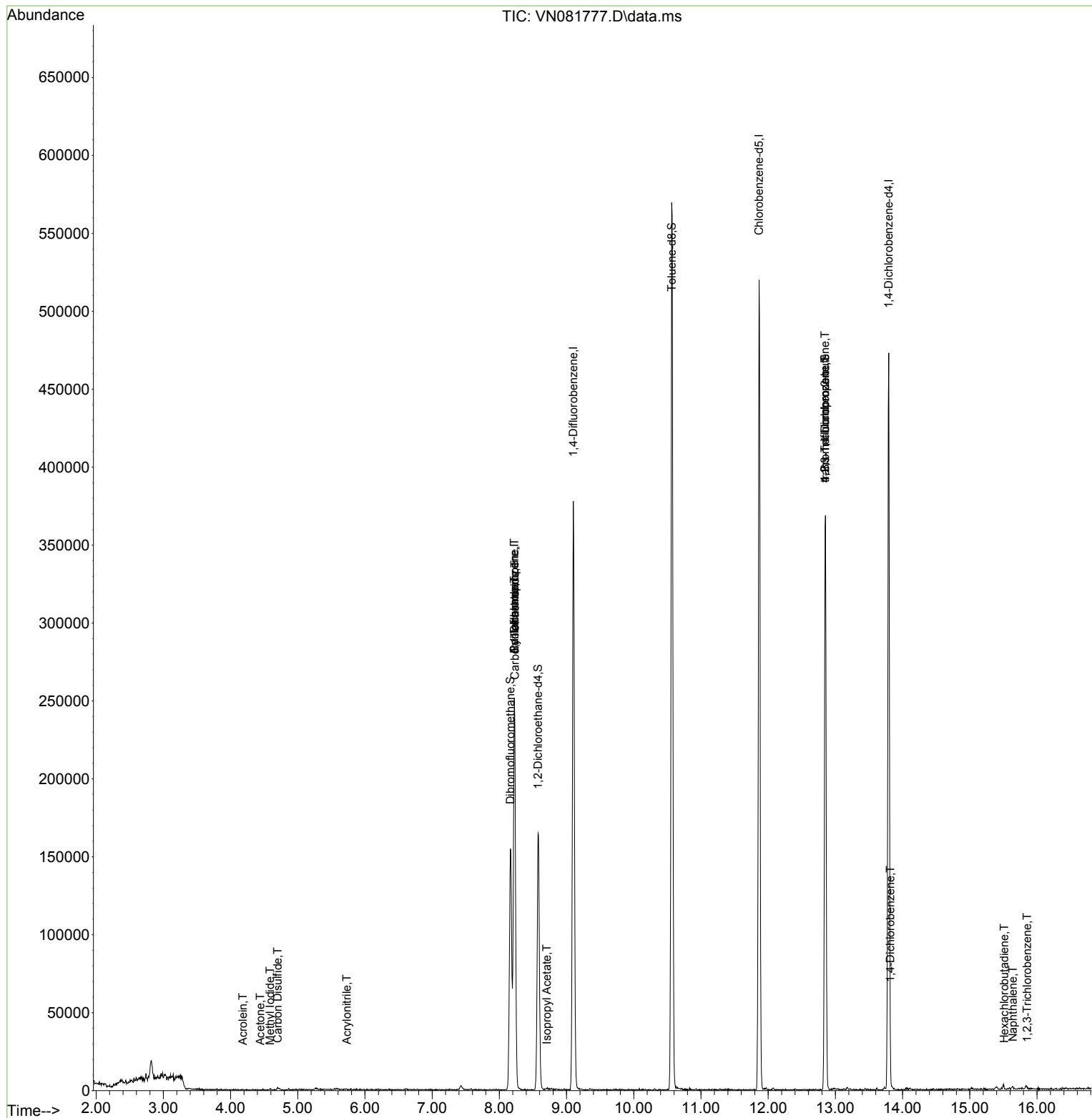
Internal Standards						
1) Pentafluorobenzene	8.224	168	175982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137760	55.630	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.260%		
35) Dibromofluoromethane	8.165	113	109367	53.037	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.080%		
50) Toluene-d8	10.565	98	387325	50.986	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.980%		
62) 4-Bromofluorobenzene	12.847	95	124062	47.790	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 95.580%		
Target Compounds						
						Qvalue
3) Chloromethane	2.354	50	780	Below Cal		95
6) Chloroethane	3.130	64	61	Below Cal	#	44
10) Methyl Iodide	4.589	142	853	0.720	ug/l #	40
13) Acrolein	4.183	56	163	0.454	ug/l #	69
15) Acrylonitrile	5.730	53	364	0.390	ug/l #	17
16) Acetone	4.442	43	182	0.264	ug/l #	43
17) Carbon Disulfide	4.700	76	1675	0.276	ug/l #	74
20) Methylene Chloride	5.265	84	361	Below Cal	#	80
31) Cyclohexane	8.224	56	4118	1.212	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15165	5.278	ug/l #	51
38) Carbon Tetrachloride	8.230	117	19856	5.940	ug/l #	15
43) Isopropyl Acetate	8.706	43	906	0.206	ug/l #	52
76) 1,2,3-Trichloropropane	12.847	75	68074	29.969	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68074	70.078	ug/l #	12
88) 1,4-Dichlorobenzene	13.818	146	978	0.226	ug/l #	26
92) 1,2-Dibromo-3-Chloropr...	14.723	75	127	Below Cal	#	2
94) Hexachlorobutadiene	15.512	225	636	0.681	ug/l	93
95) Naphthalene	15.641	128	2557	0.370	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.853	180	822	0.371	ug/l #	14

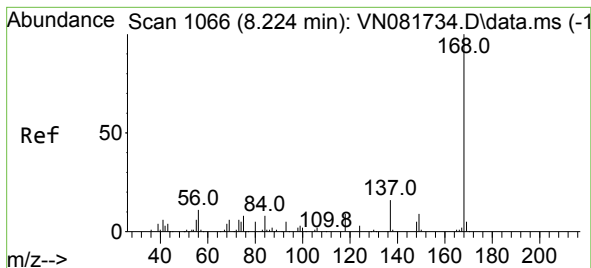
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 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: VN081777.D

Acq: 18 Apr 2024 10:55

Instrument :

MSVOA_N

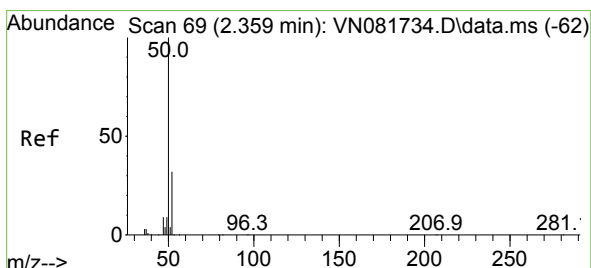
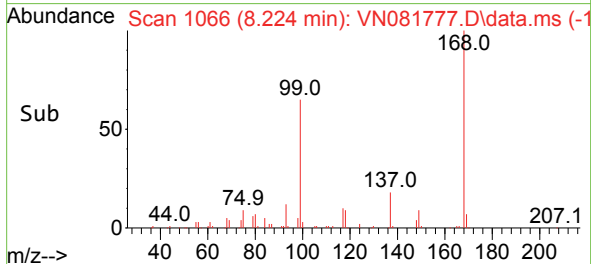
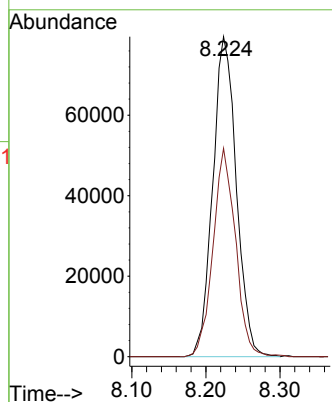
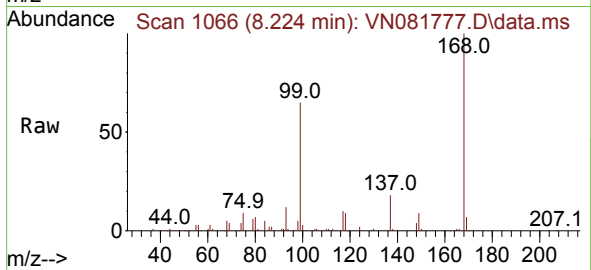
ClientSampleId :

Tgt Ion:168 Resp: 175982

Ion Ratio Lower Upper

168 100

99 65.1 48.2 72.4



#3

Chloromethane

Concen: Below Cal

RT: 2.354 min Scan# 68

Delta R.T. -0.005 min

Lab File: VN081777.D

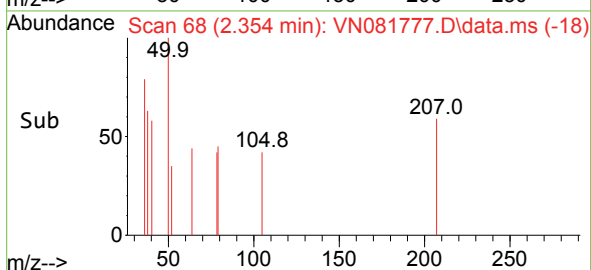
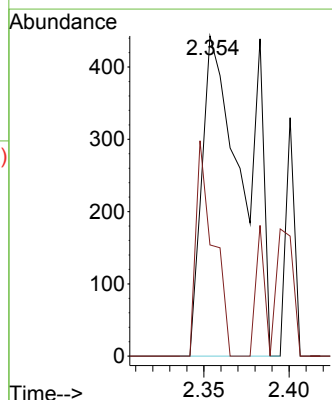
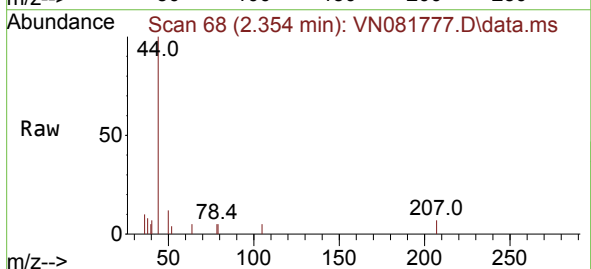
Acq: 18 Apr 2024 10:55

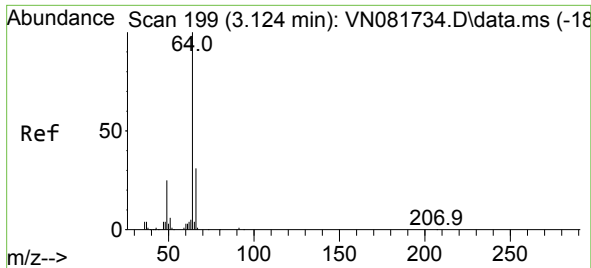
Tgt Ion: 50 Resp: 780

Ion Ratio Lower Upper

50 100

52 34.8 25.5 38.3

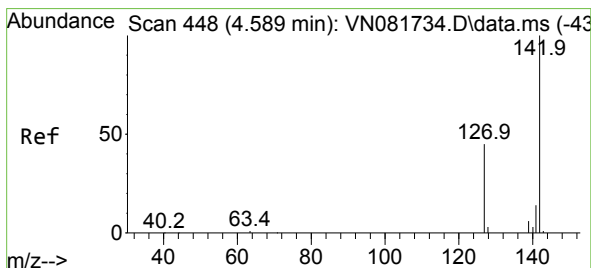
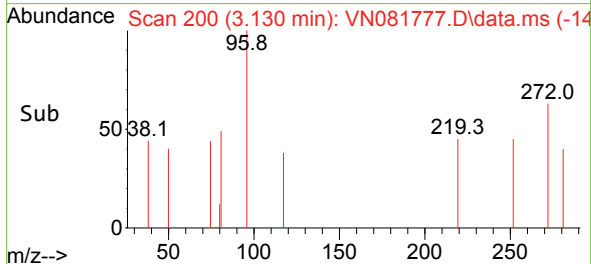
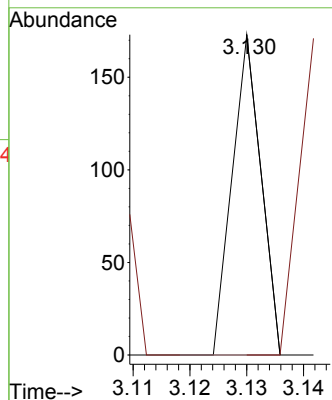
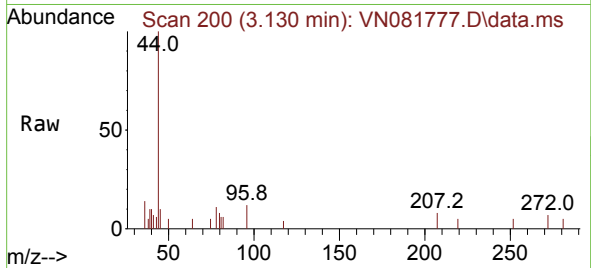




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

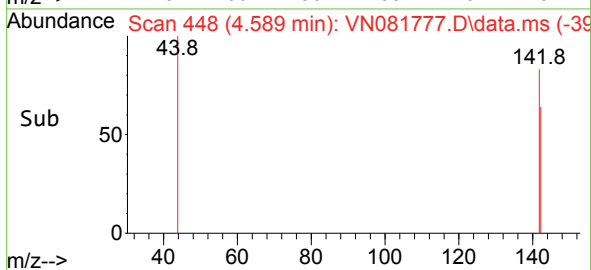
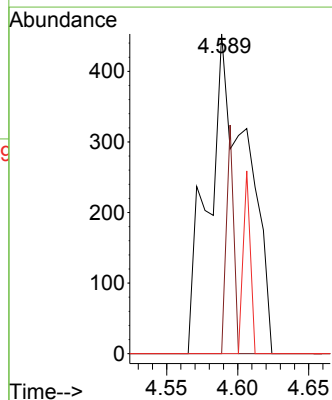
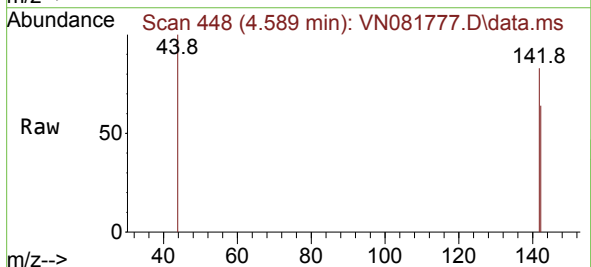
Instrument :
MSVOA_N
ClientSampleId :

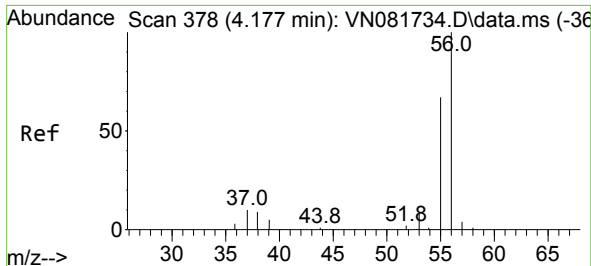
Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 0.720 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Tgt Ion: 142 Resp: 853
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#





#13

Acrolein

Concen: 0.454 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

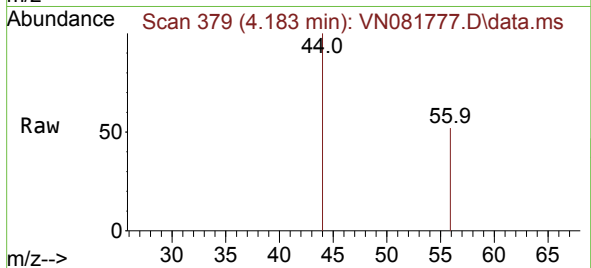
Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

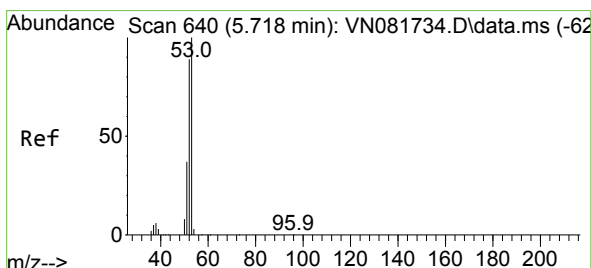
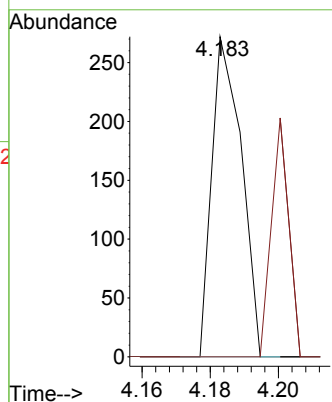


Tgt Ion: 56 Resp: 163

Ion Ratio Lower Upper

56 100

55 44.2 55.8 83.8#



#15

Acrylonitrile

Concen: 0.390 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.012 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

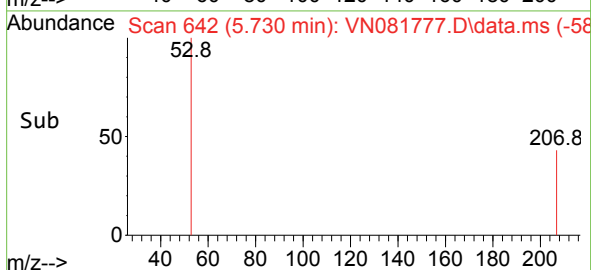
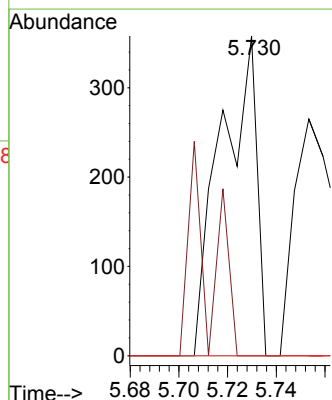
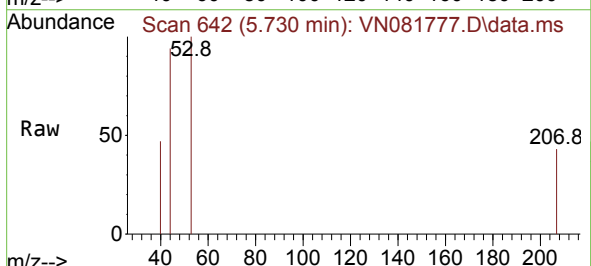
Tgt Ion: 53 Resp: 364

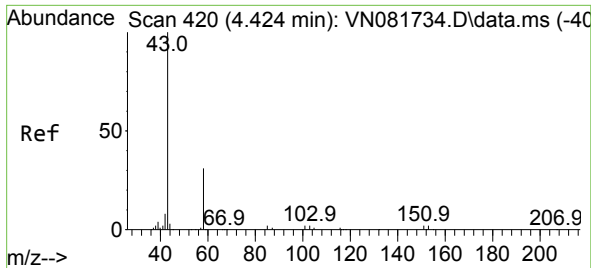
Ion Ratio Lower Upper

53 100

52 0.0 66.1 99.1#

51 0.0 29.4 44.2#

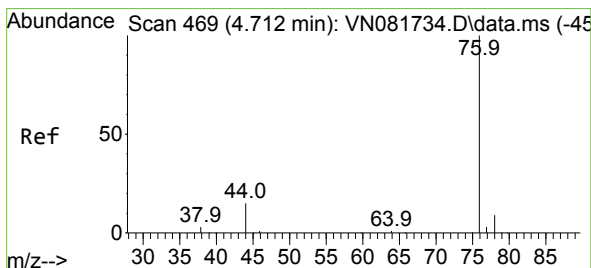
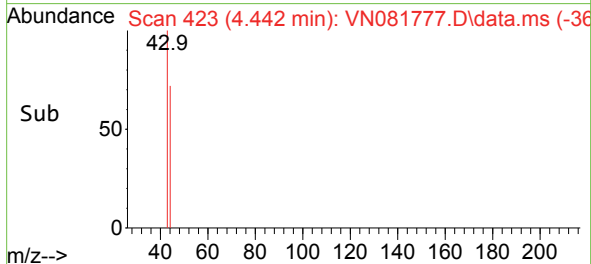
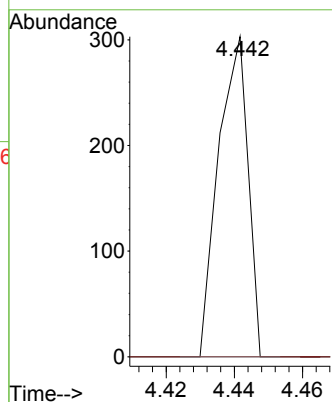
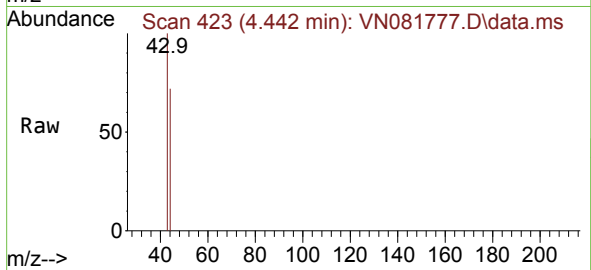




#16
Acetone
Concen: 0.264 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

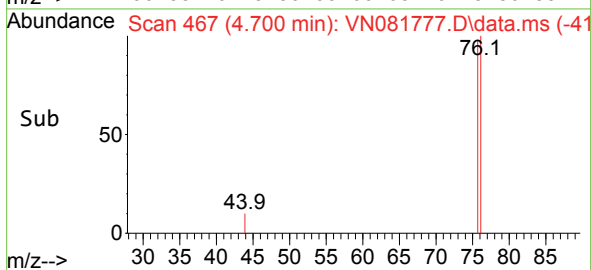
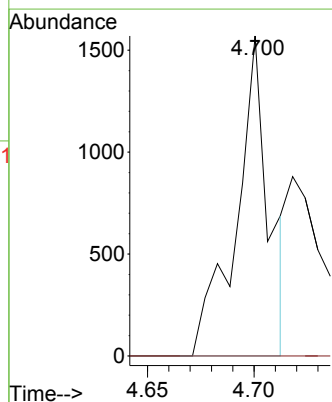
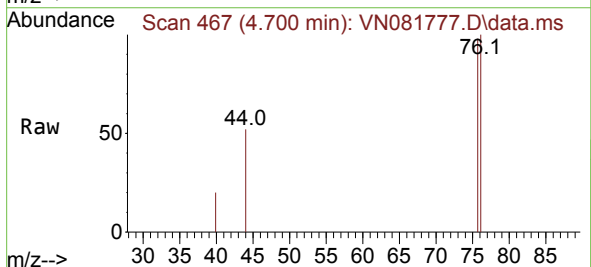
Instrument :
MSVOA_N
ClientSampleId :

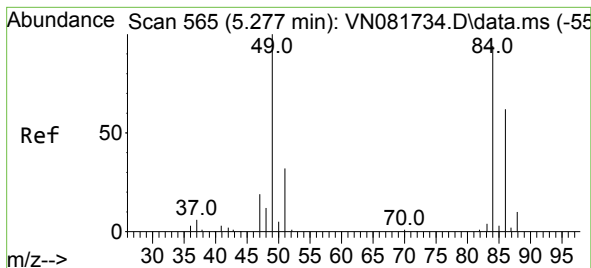
Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.276 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Tgt Ion: 76 Resp: 1675
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.265 min Scan# 5

Delta R.T. -0.012 min

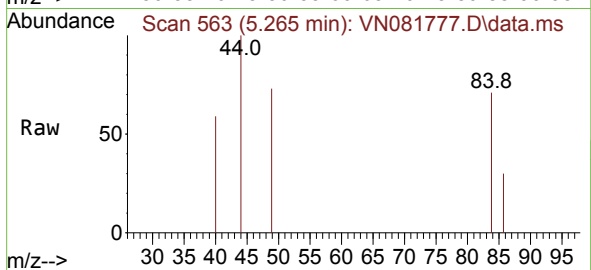
Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 361

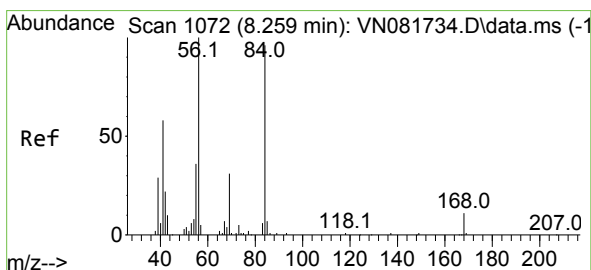
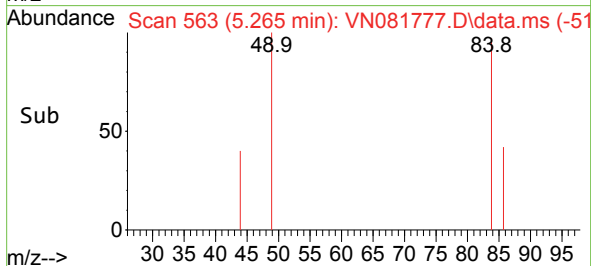
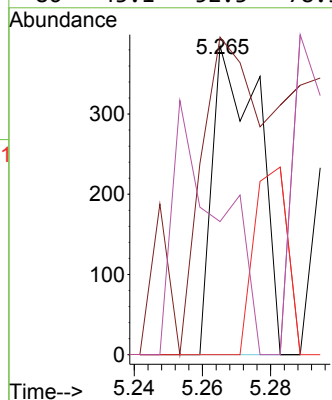
Ion Ratio Lower Upper

84 100

49 102.9 84.9 127.3

51 0.0 27.0 40.6#

86 43.1 52.3 78.5#



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

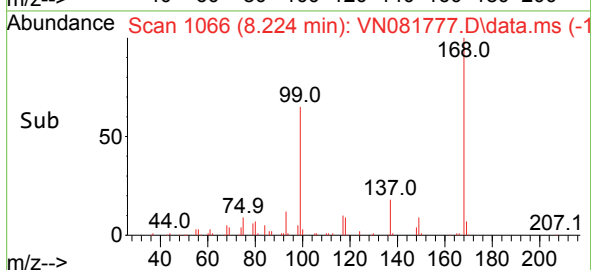
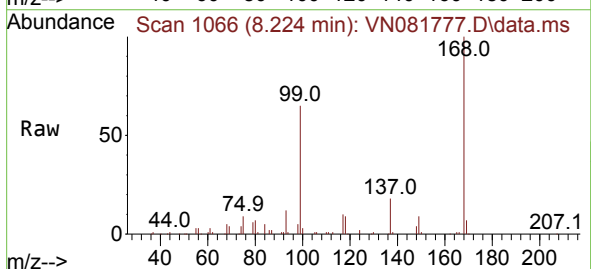
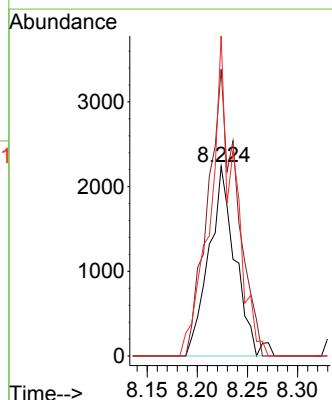
Tgt Ion: 56 Resp: 4118

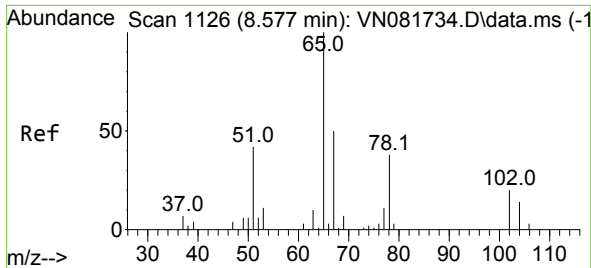
Ion Ratio Lower Upper

56 100

69 151.3 24.4 36.6#

84 168.8 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 55.630 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

Instrument :

MSVOA_N

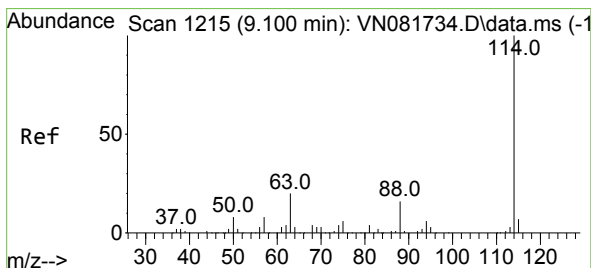
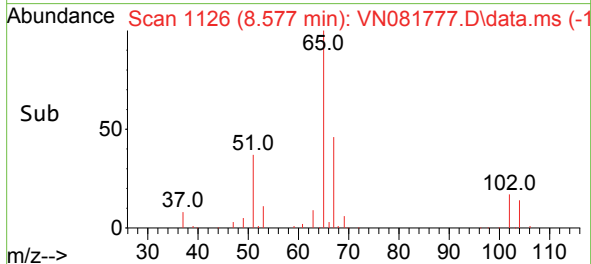
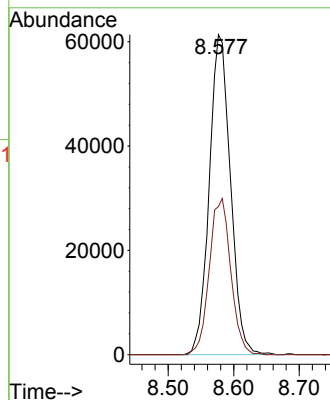
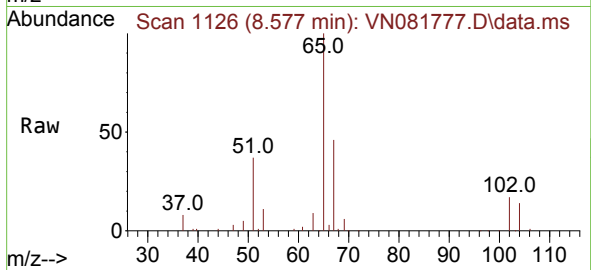
ClientSampleId :

Tgt Ion: 65 Resp: 137760

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

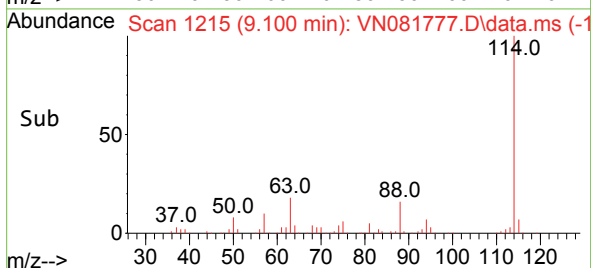
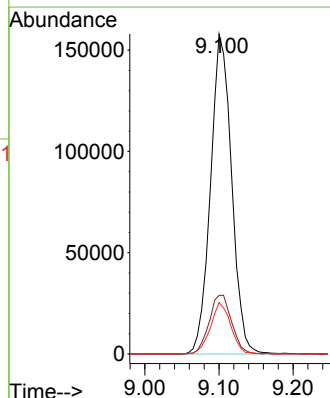
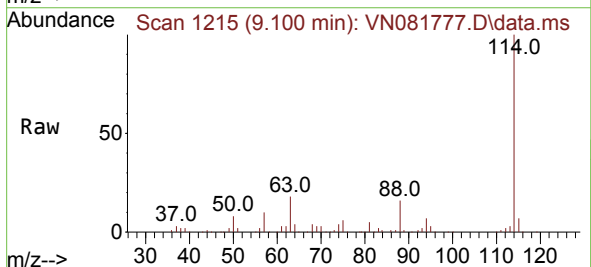
Tgt Ion: 114 Resp: 312277

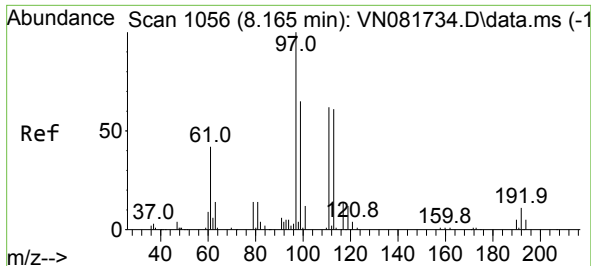
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

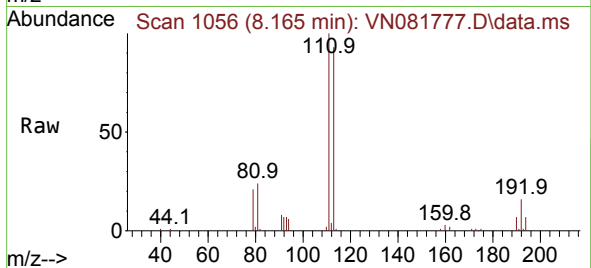
88 16.1 0.0 31.4



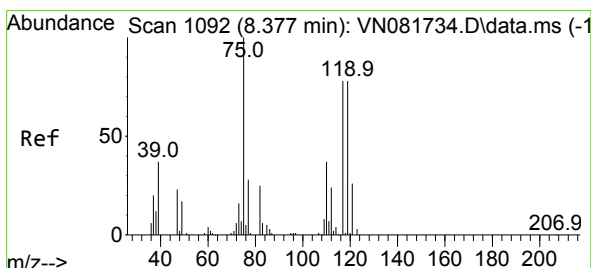
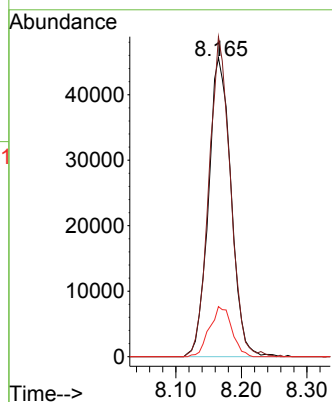
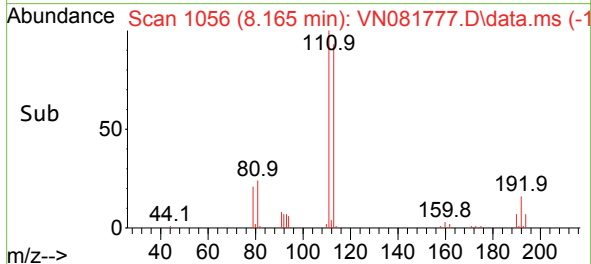


#35
Dibromofluoromethane
Concen: 53.037 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :

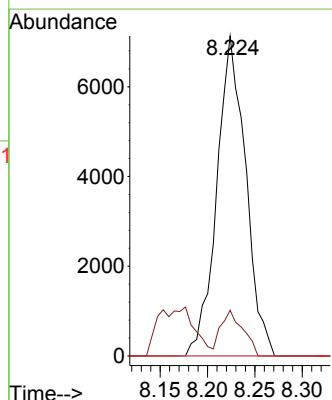
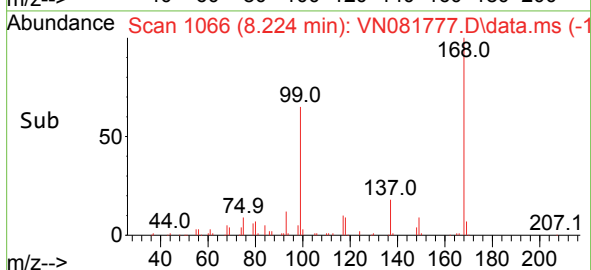
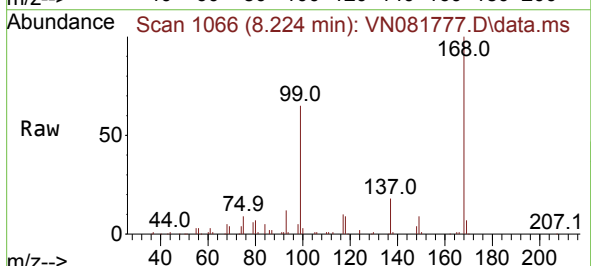


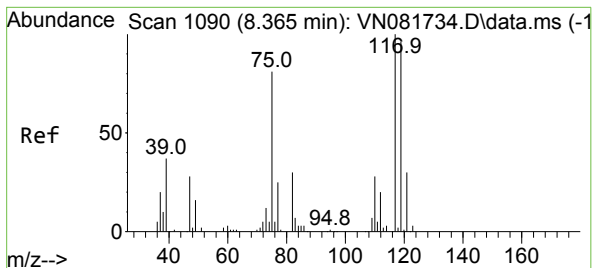
Tgt Ion:113 Resp: 109367
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 16.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.278 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Tgt Ion: 75 Resp: 15165
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.940 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

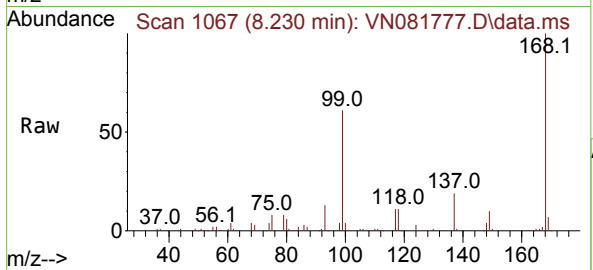
Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :



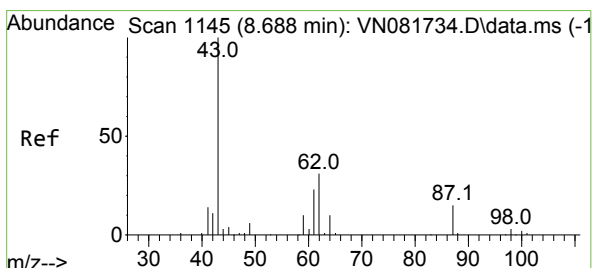
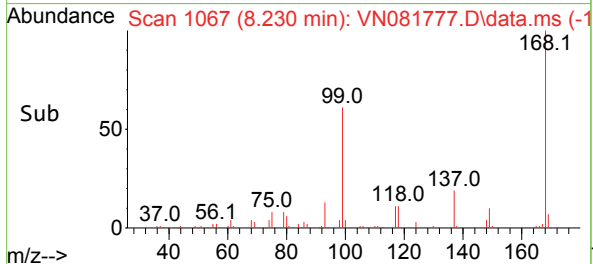
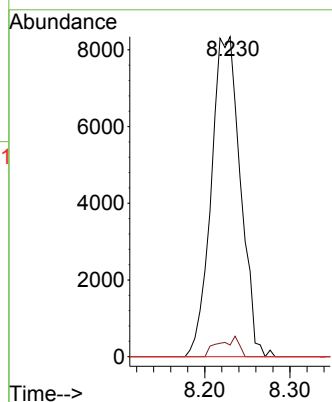
Tgt Ion:117 Resp: 19856

Ion Ratio Lower Upper

117 100

119 3.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.206 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

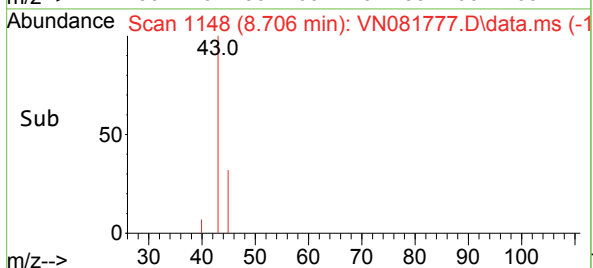
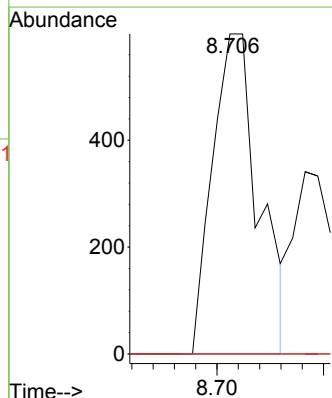
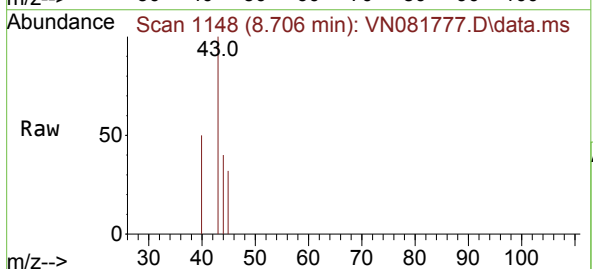
Tgt Ion: 43 Resp: 906

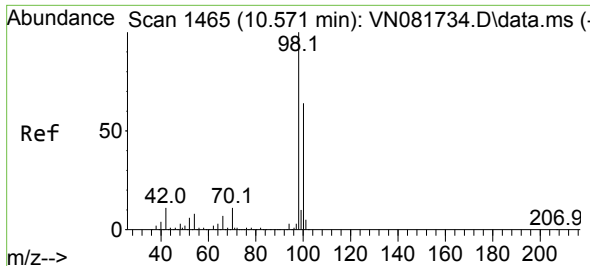
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

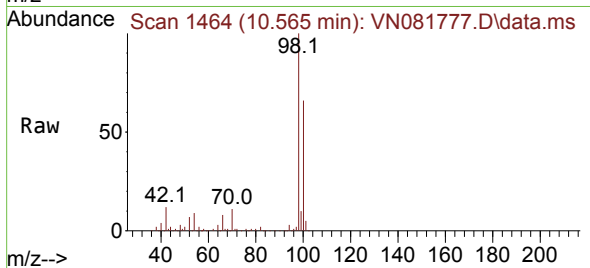
87 0.0 12.0 18.0#



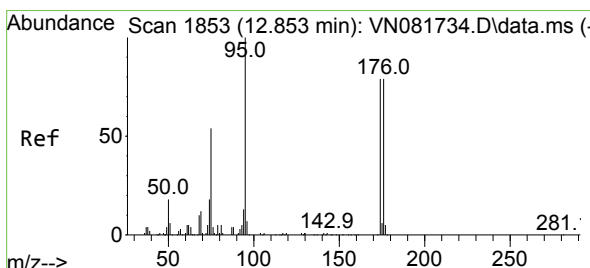
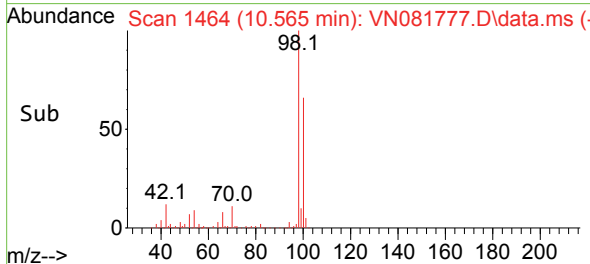
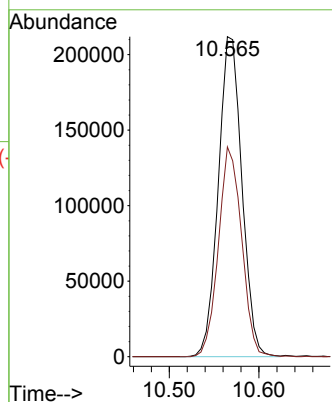


#50
Toluene-d8
Concen: 50.986 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :

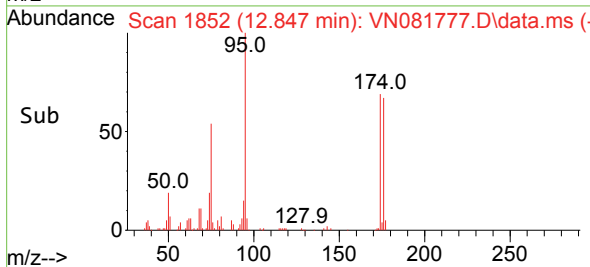
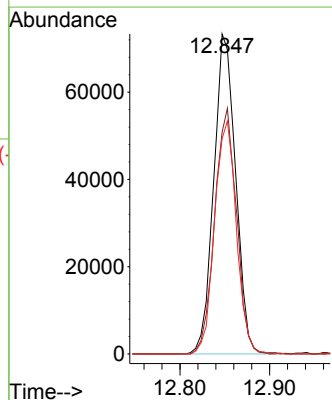
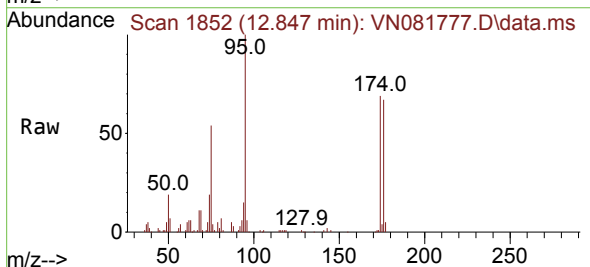


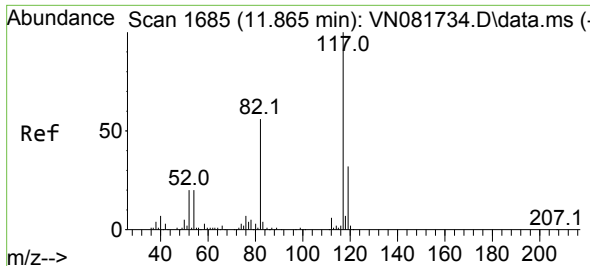
Tgt Ion: 98 Resp: 387325
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.790 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

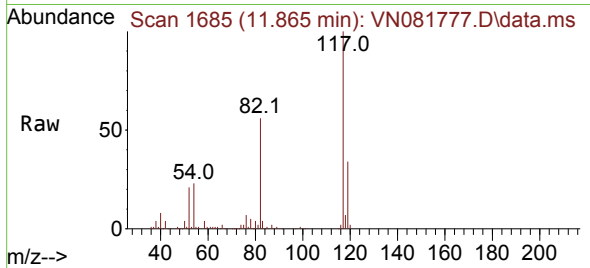
Tgt Ion: 95 Resp: 124062
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 72.6 0.0 152.8



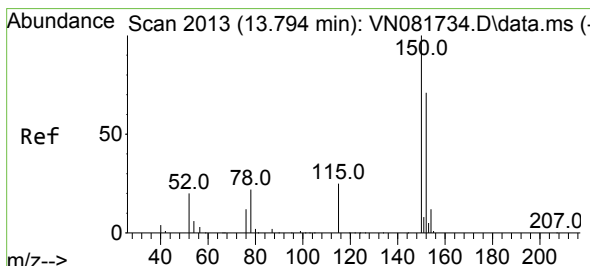
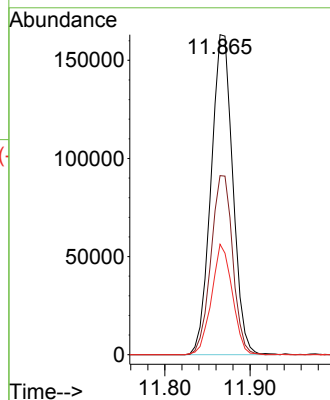
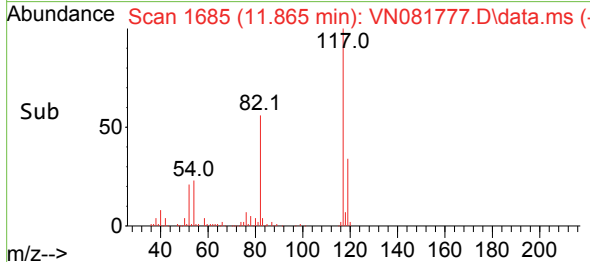


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

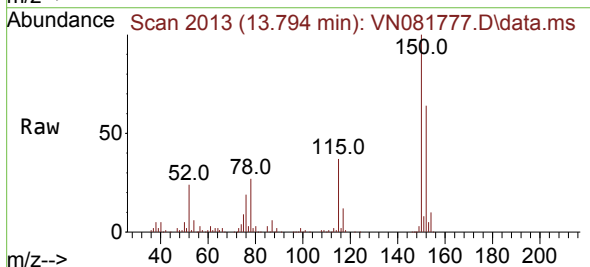
Instrument :
MSVOA_N
ClientSampleId :



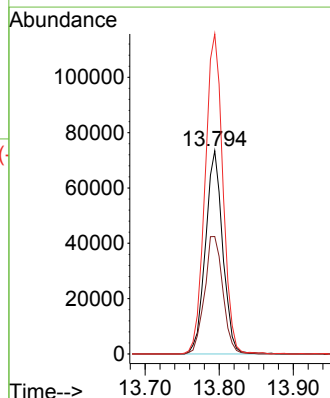
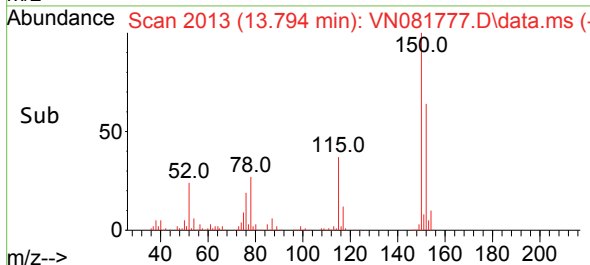
Tgt Ion:117 Resp: 290381
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 34.5 25.9 38.9

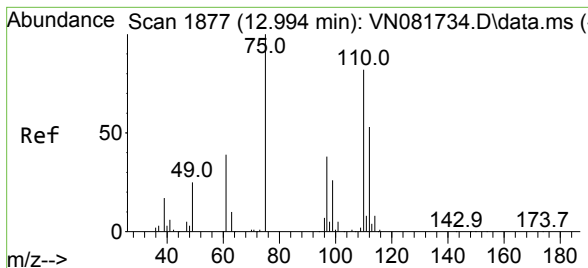


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55



Tgt Ion:152 Resp: 118860
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.3
150 162.3 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 29.969 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

Instrument :

MSVOA_N

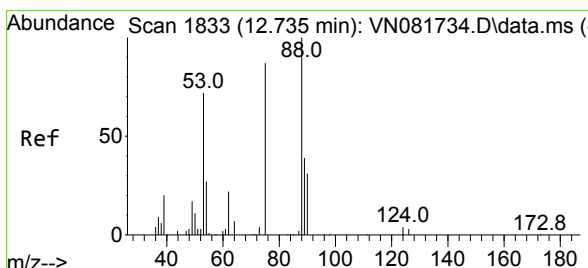
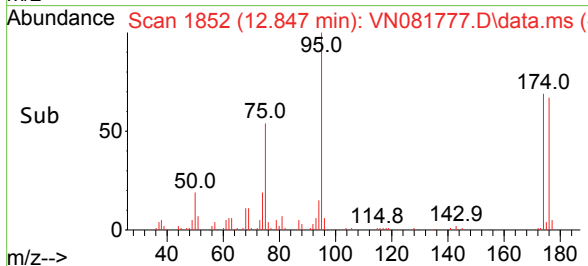
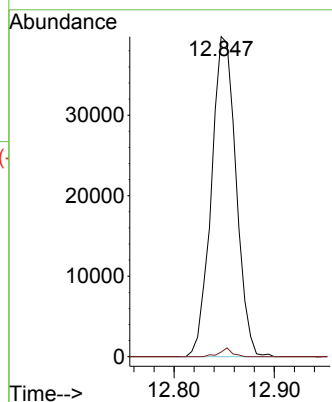
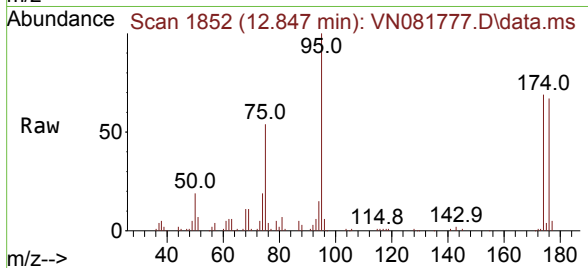
ClientSampleId :

Tgt Ion: 75 Resp: 68074

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.078 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

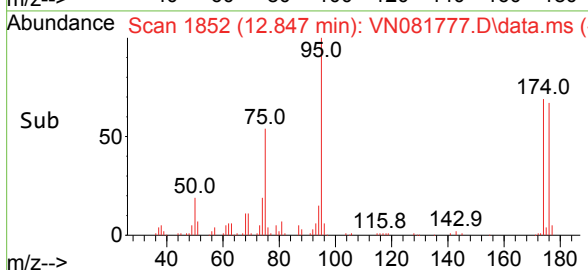
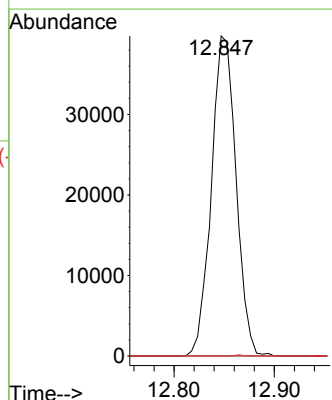
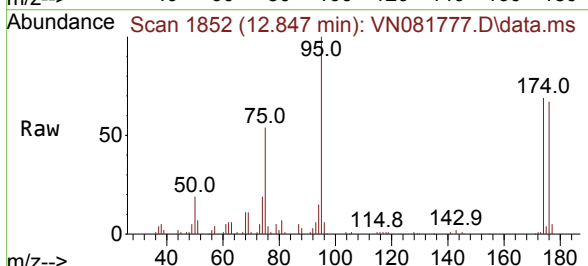
Tgt Ion: 75 Resp: 68074

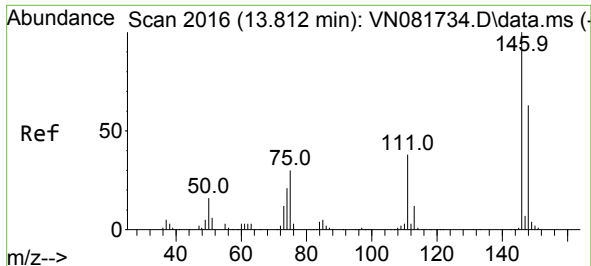
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

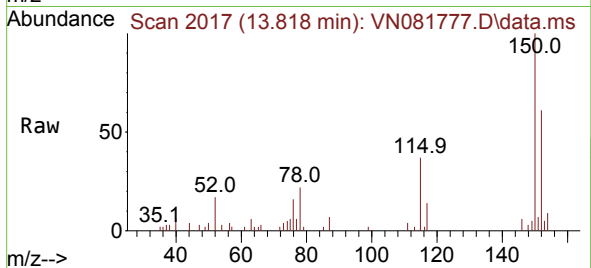
89 0.1 39.1 58.7#



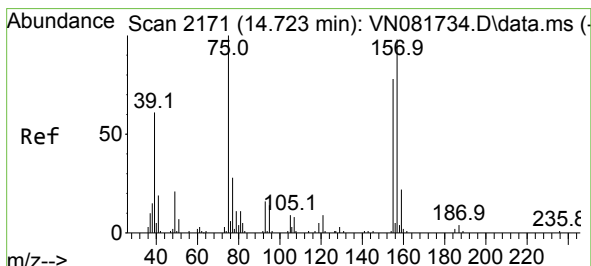
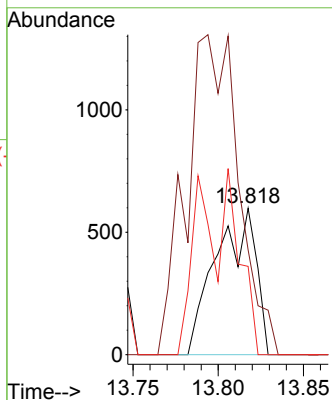
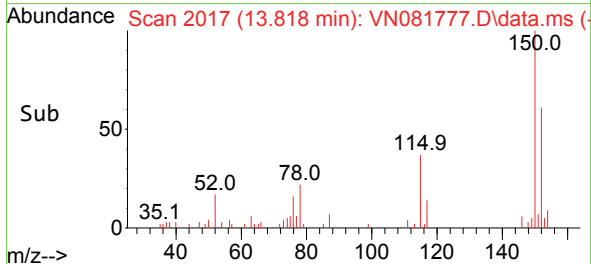


#88
1,4-Dichlorobenzene
Concen: 0.226 ug/l
RT: 13.818 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

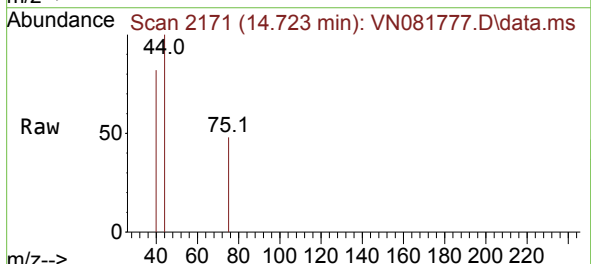
Instrument :
MSVOA_N
ClientSampleId :



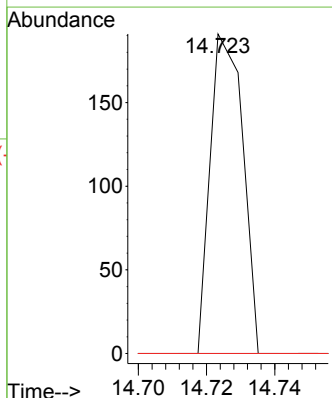
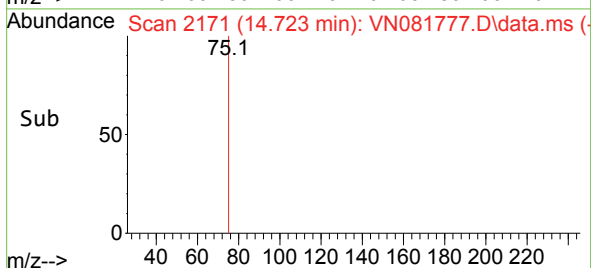
Tgt Ion:146 Resp: 978
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.9#
148 0.0 31.3 93.9#

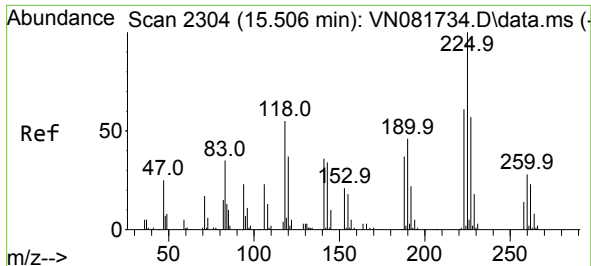


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55



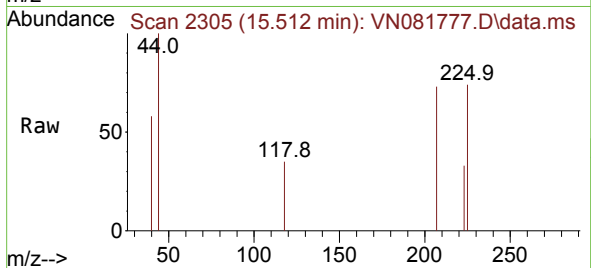
Tgt Ion: 75 Resp: 127
Ion Ratio Lower Upper
75 100
155 0.0 42.6 128.0#
157 0.0 53.0 159.0#



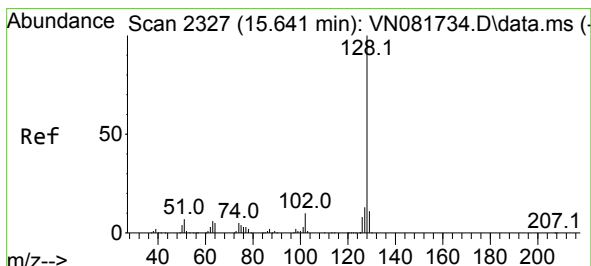
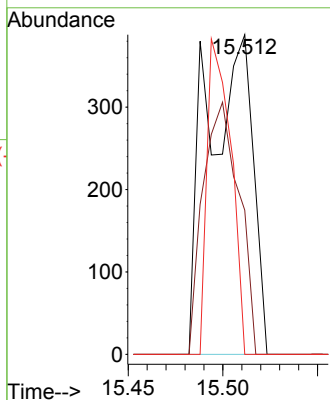
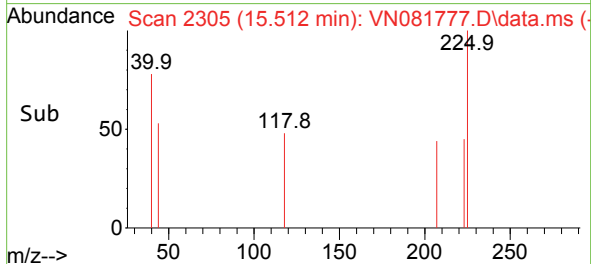


#94
Hexachlorobutadiene
Concen: 0.681 ug/l
RT: 15.512 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

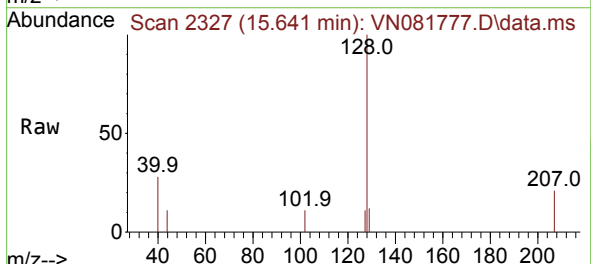
Instrument :
MSVOA_N
ClientSampleId :



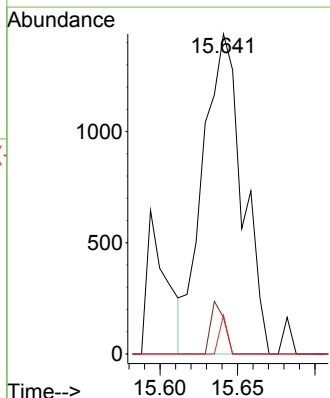
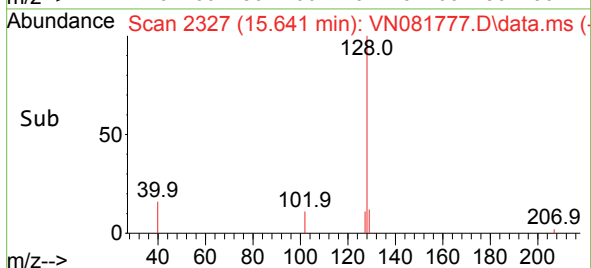
Tgt Ion:225 Resp: 636
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 52.4 30.6 91.6

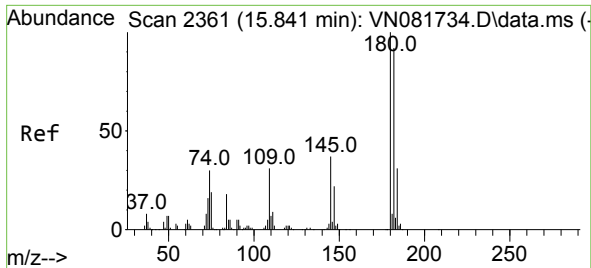


#95
Naphthalene
Concen: 0.370 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55



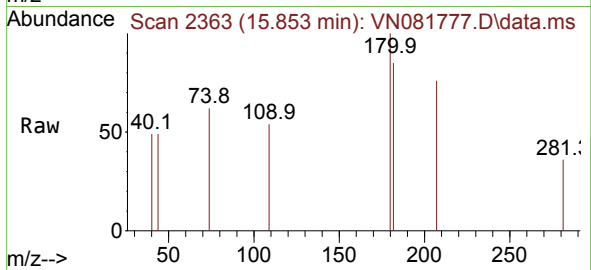
Tgt Ion:128 Resp: 2557
Ion Ratio Lower Upper
128 100
127 5.6 10.1 15.1#
129 2.4 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.371 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN081777.D
 Acq: 18 Apr 2024 10:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.0	137.8#
145	0.0	17.1	51.3#

