

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081926.D
 Acq On : 30 Apr 2024 13:08
 Operator : JC\MD
 Sample : P2183-05 2000X
 Misc : 1.41g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 00:52:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

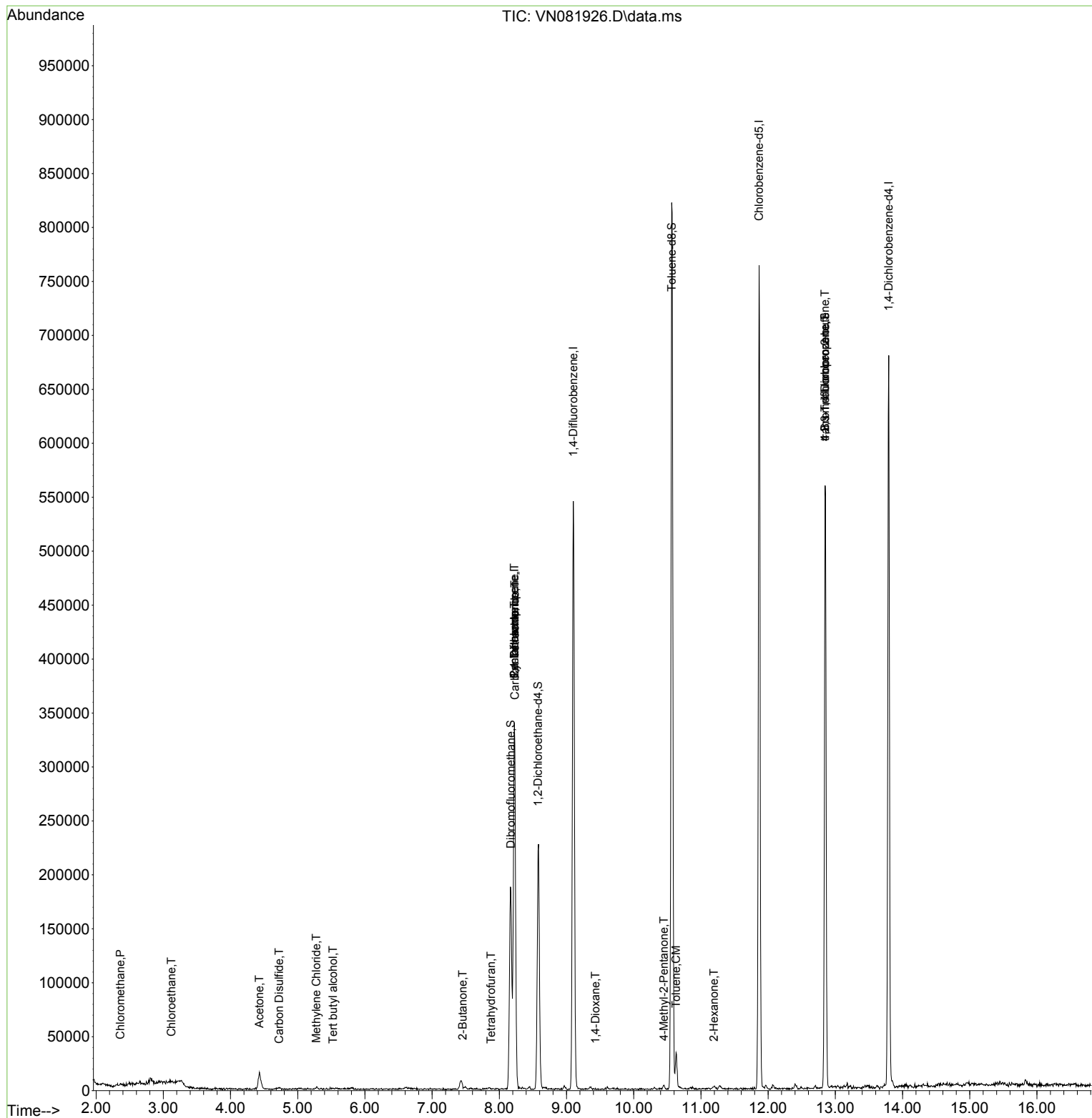
Internal Standards						
1) Pentafluorobenzene	8.224	168	242458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	469727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	420258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179009	43.746	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.500%		
35) Dibromofluoromethane	8.171	113	137102	48.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	10.565	98	575156	51.781	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.560%		
62) 4-Bromofluorobenzene	12.847	95	203997	46.460	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	92.920%		
Target Compounds						Qvalue
3) Chloromethane	2.360	50	790	0.222	ug/l #	78
5) Bromomethane	2.942	94	64	Below Cal	#	3
6) Chloroethane	3.118	64	348	0.214	ug/l #	44
11) Tert butyl alcohol	5.524	59	296	0.398	ug/l #	71
13) Acrolein	4.165	56	95	Below Cal	#	8
16) Acetone	4.430	43	27192	17.384	ug/l	95
17) Carbon Disulfide	4.724	76	2281	0.258	ug/l #	74
20) Methylene Chloride	5.277	84	1379	0.393	ug/l #	82
25) 2-Butanone	7.453	43	562	0.242	ug/l #	43
29) Tetrahydrofuran	7.877	42	1200	0.720	ug/l #	32
31) Cyclohexane	8.224	56	7133	1.157	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	23279	5.059	ug/l #	48
38) Carbon Tetrachloride	8.230	117	25115	5.585	ug/l #	15
49) 1,4-Dioxane	9.430	88	74	1.090	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	2726	0.518	ug/l	92
52) Toluene	10.630	92	13642	1.649	ug/l	96
59) 2-Hexanone	11.194	43	2366	0.604	ug/l	78
76) 1,2,3-Trichloropropane	12.847	75	108000	24.447	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	108000	50.094	ug/l #	12

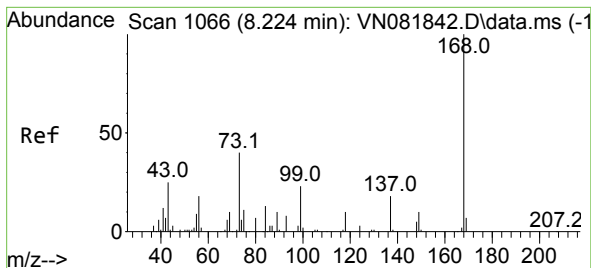
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 26 05:26:49 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: VN081926.D

Acq: 30 Apr 2024 13:08

Instrument :

MSVOA_N

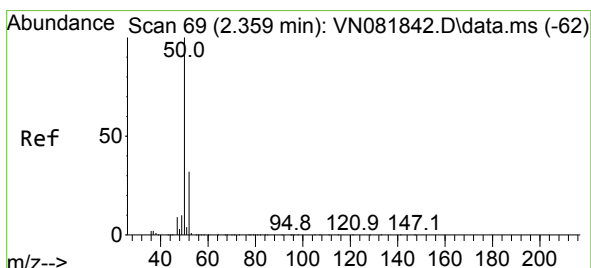
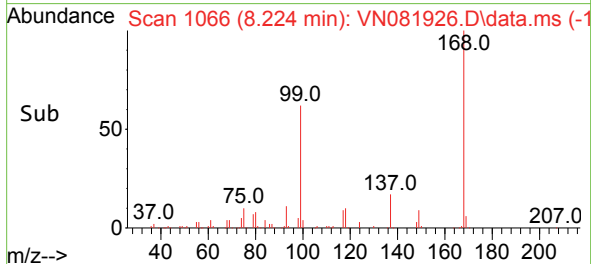
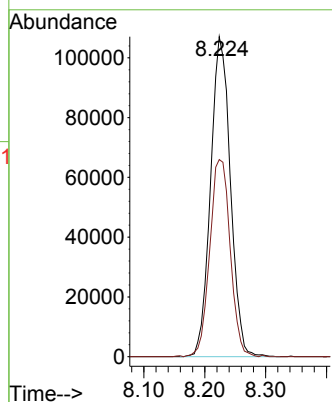
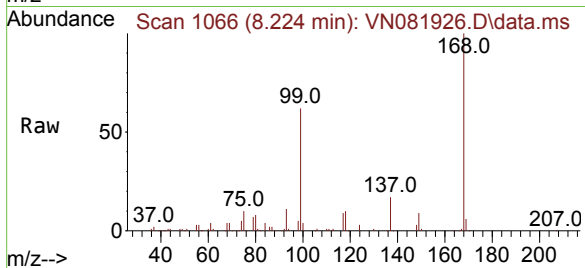
ClientSampleId :

Tgt Ion:168 Resp: 242458

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



#3

Chloromethane

Concen: 0.222 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081926.D

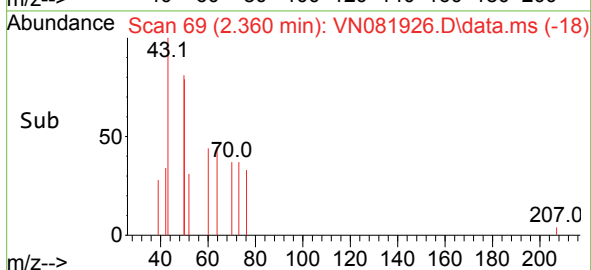
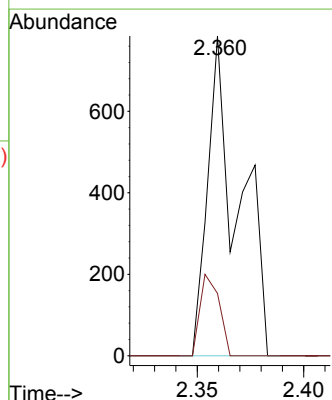
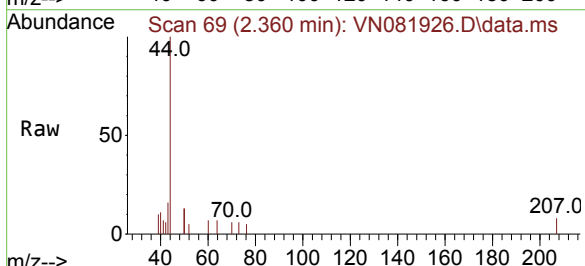
Acq: 30 Apr 2024 13:08

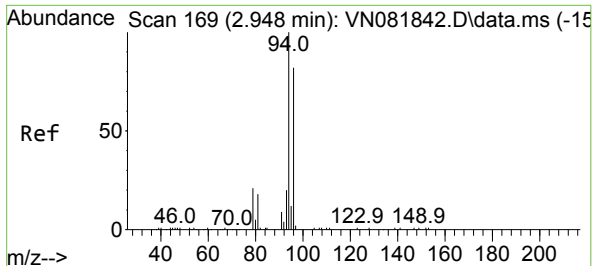
Tgt Ion: 50 Resp: 790

Ion Ratio Lower Upper

50 100

52 19.5 25.5 38.3#

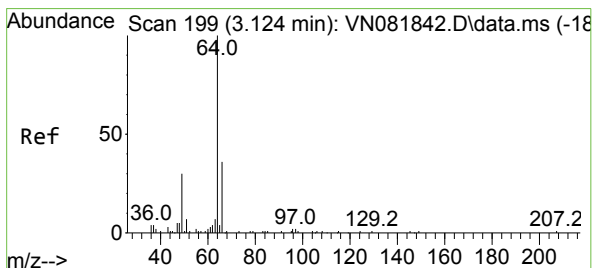
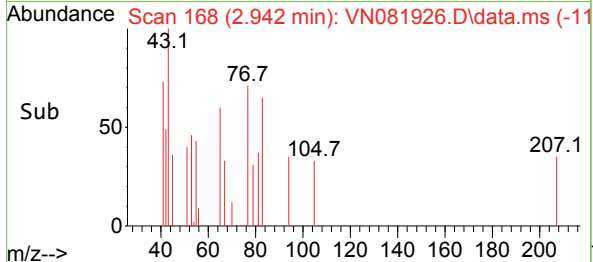
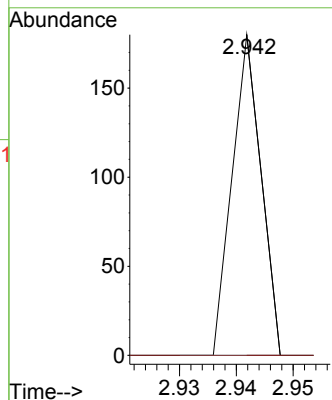
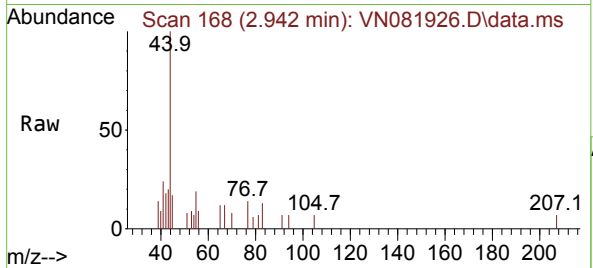




#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

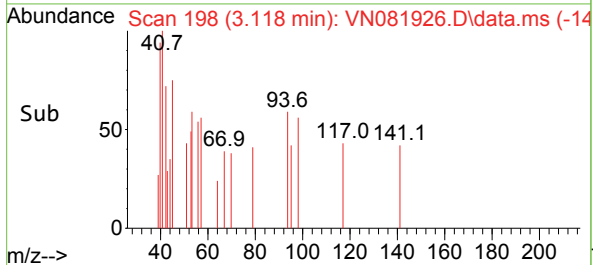
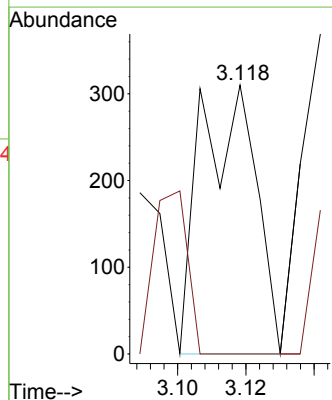
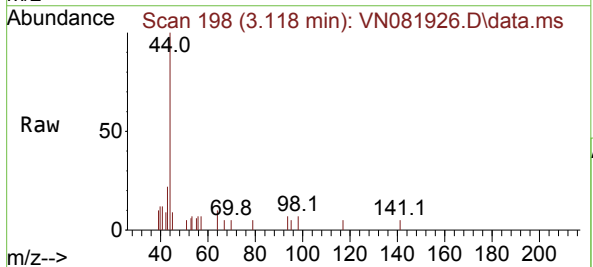
Instrument :
MSVOA_N
ClientSampleId :

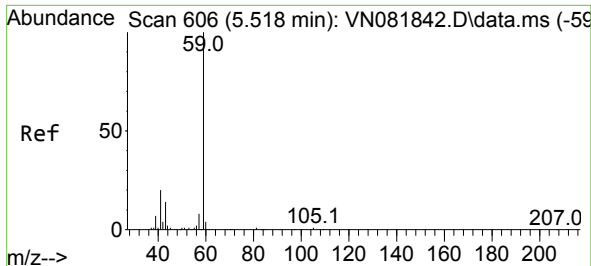
Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#6
Chloroethane
Concen: 0.214 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Tgt Ion: 64 Resp: 348
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#11

Tert butyl alcohol

Concen: 0.398 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

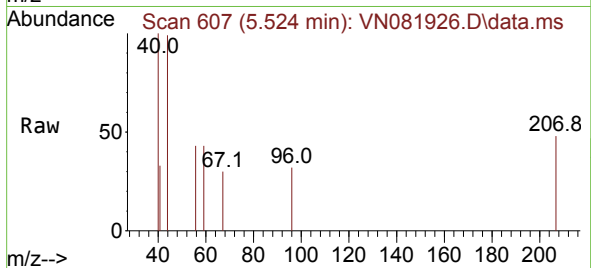
Lab File: VN081926.D

Acq: 30 Apr 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

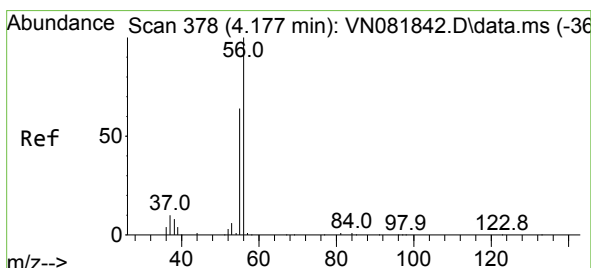
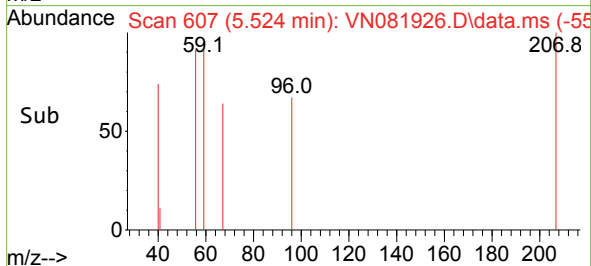
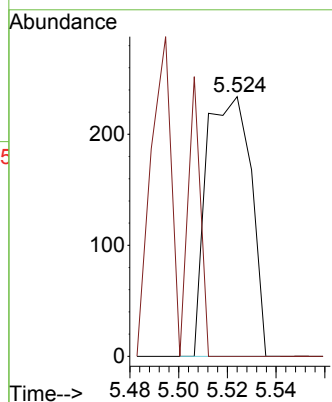


Tgt Ion: 59 Resp: 296

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#13

Acrolein

Concen: Below Cal

RT: 4.165 min Scan# 376

Delta R.T. -0.012 min

Lab File: VN081926.D

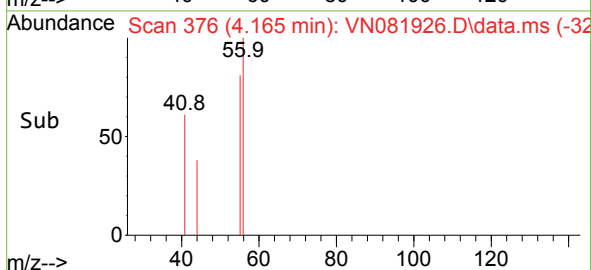
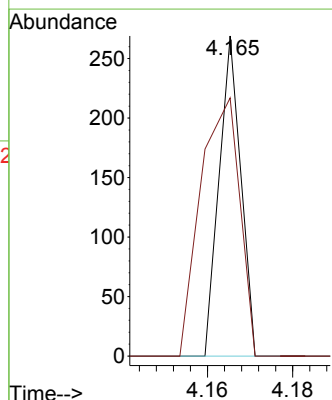
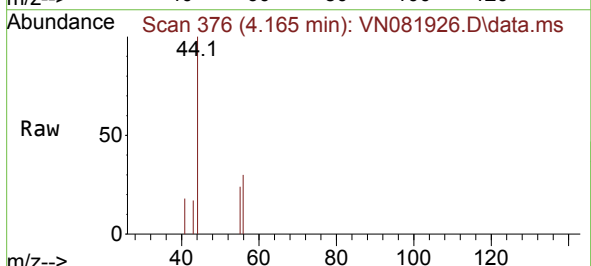
Acq: 30 Apr 2024 13:08

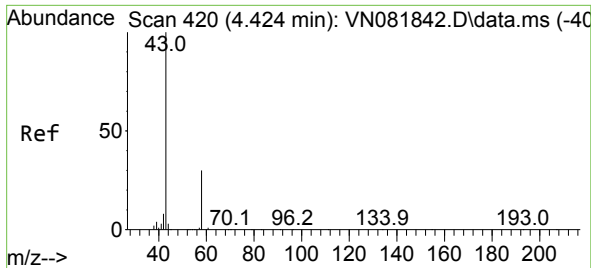
Tgt Ion: 56 Resp: 95

Ion Ratio Lower Upper

56 100

55 145.3 55.8 83.8#





#16

Acetone

Concen: 17.384 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081926.D

Acq: 30 Apr 2024 13:08

Instrument :

MSVOA_N

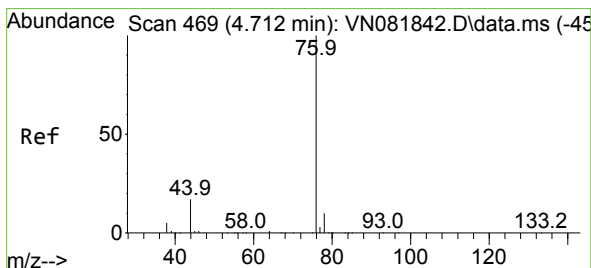
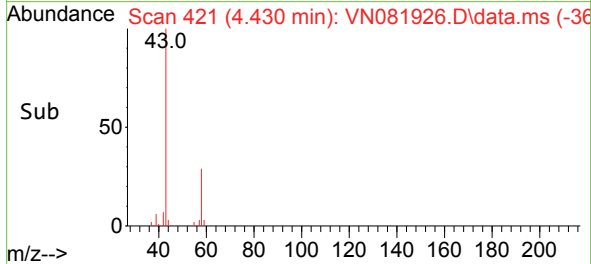
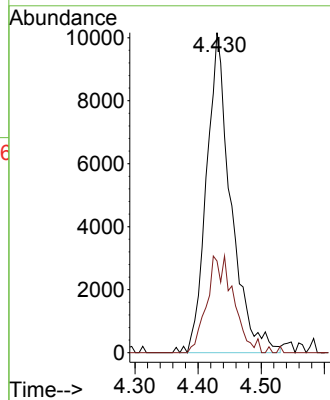
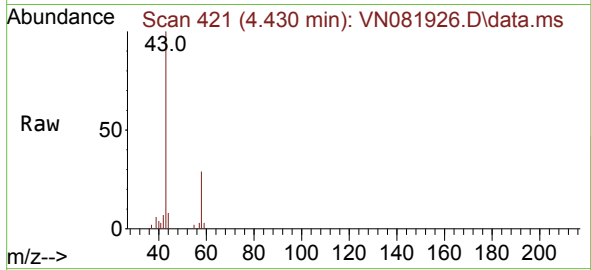
ClientSampleId :

Tgt Ion: 43 Resp: 27192

Ion Ratio Lower Upper

43 100

58 28.6 25.2 37.8



#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.012 min

Lab File: VN081926.D

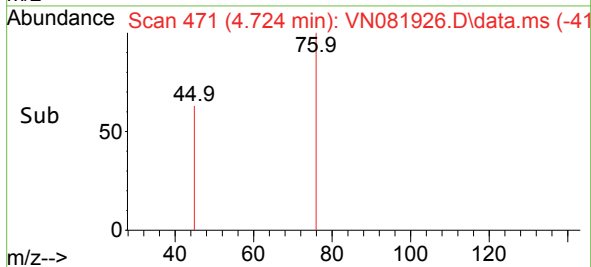
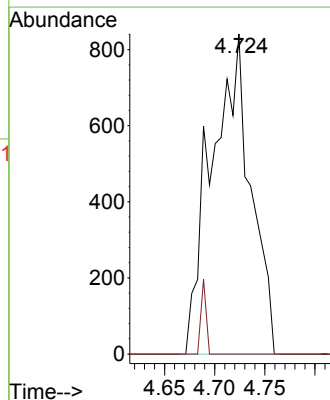
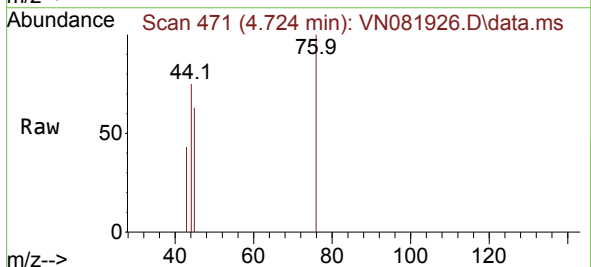
Acq: 30 Apr 2024 13:08

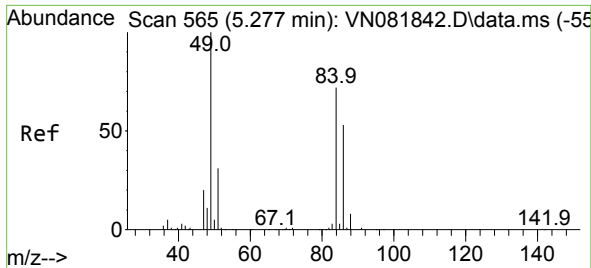
Tgt Ion: 76 Resp: 2281

Ion Ratio Lower Upper

76 100

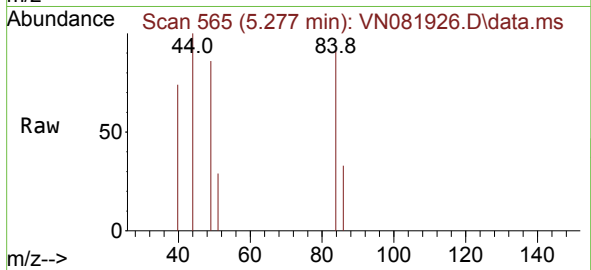
78 0.0 7.5 11.3#



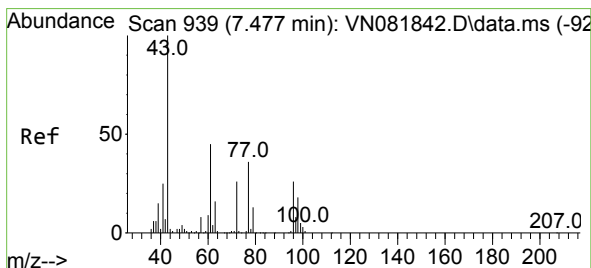
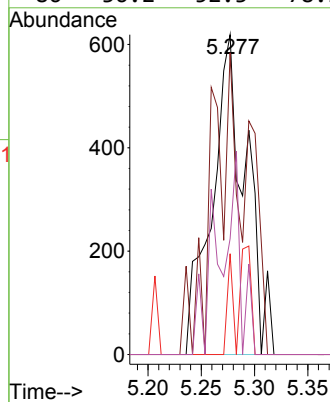
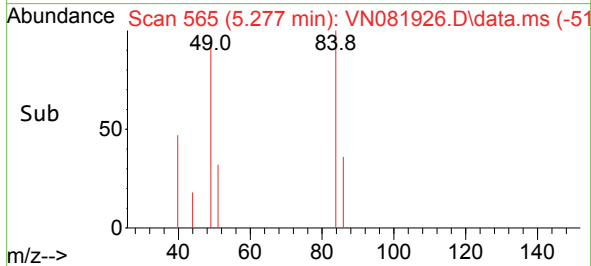


#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :

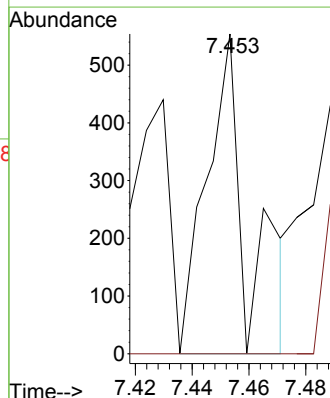
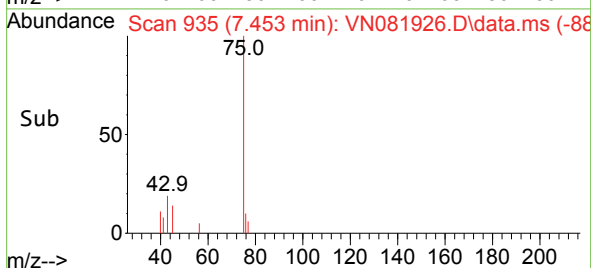
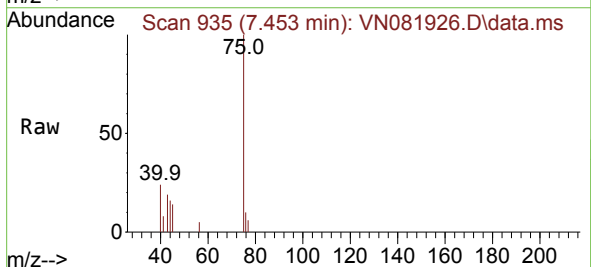


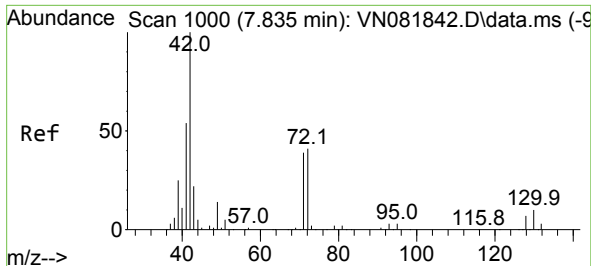
Tgt Ion: 84 Resp: 1379
Ion Ratio Lower Upper
84 100
49 94.3 84.9 127.3
51 31.5 27.0 40.6
86 36.2 52.3 78.5#



#25
2-Butanone
Concen: 0.242 ug/l
RT: 7.453 min Scan# 935
Delta R.T. -0.023 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#





#29

Tetrahydrofuran

Concen: 0.720 ug/l

RT: 7.877 min Scan# 1066

Delta R.T. 0.041 min

Lab File: VN081926.D

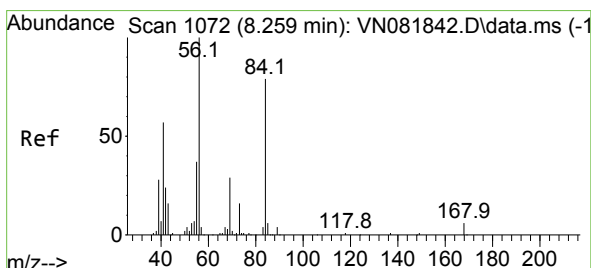
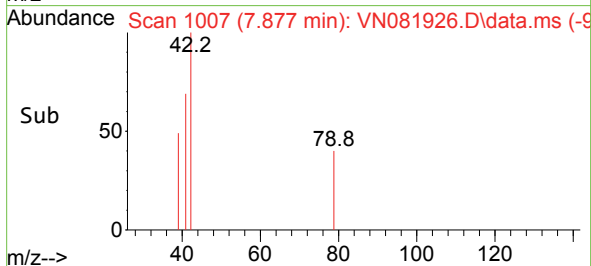
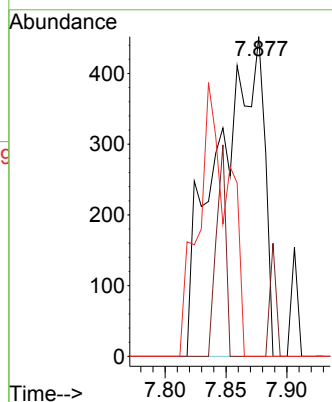
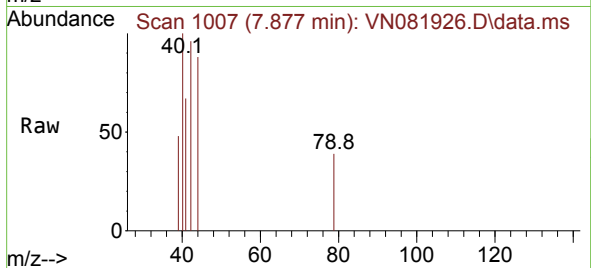
Acq: 30 Apr 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	1200
Ion	Ratio	Lower	Upper
42	100		
72	4.7	39.3	58.9#
71	0.0	37.4	56.0#



#31

Cyclohexane

Concen: 1.157 ug/l

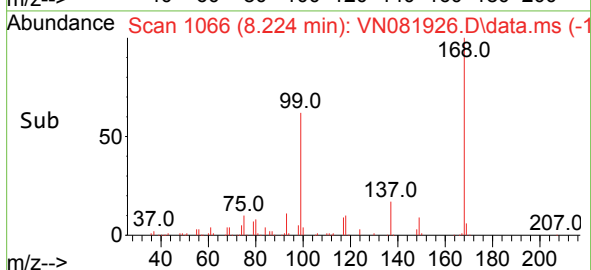
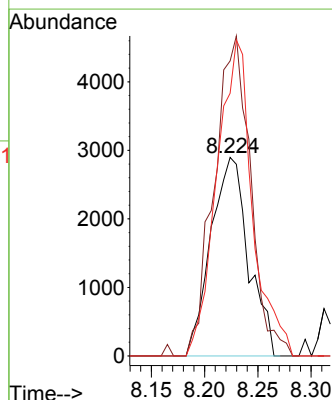
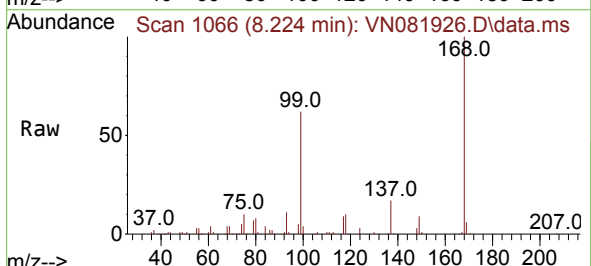
RT: 8.224 min Scan# 1066

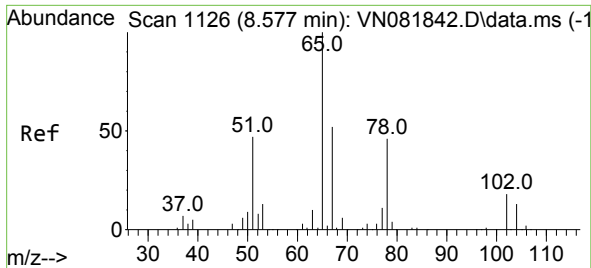
Delta R.T. -0.035 min

Lab File: VN081926.D

Acq: 30 Apr 2024 13:08

Tgt Ion:	56	Resp:	7133
Ion	Ratio	Lower	Upper
56	100		
69	148.6	24.4	36.6#
84	132.3	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 43.746 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081926.D

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Instrument :

MSVOA_N

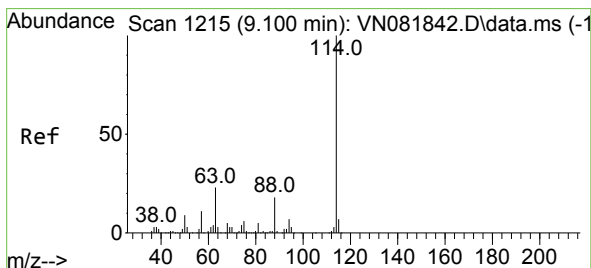
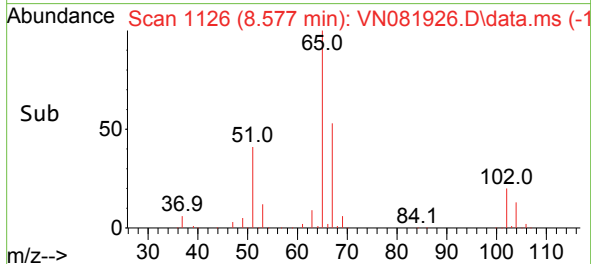
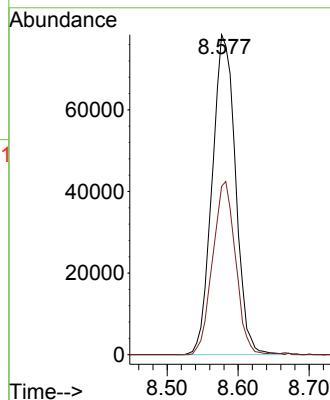
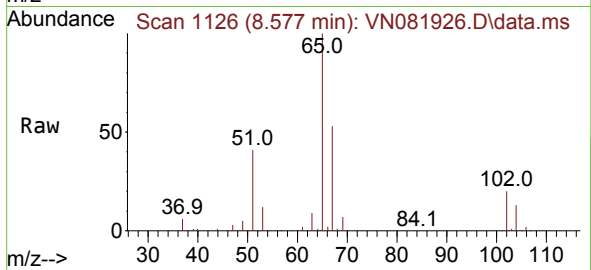
ClientSampleId :

Tgt Ion: 65 Resp: 179009

Ion Ratio Lower Upper

65 100

67 53.0 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: VN081926.D

Acq: 30 Apr 2024 13:08

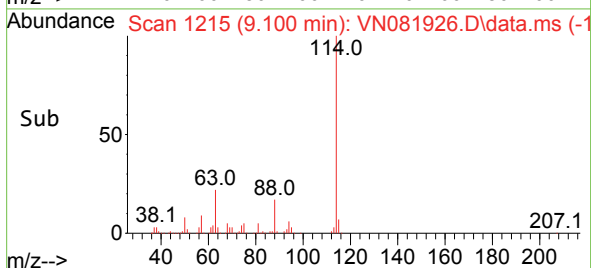
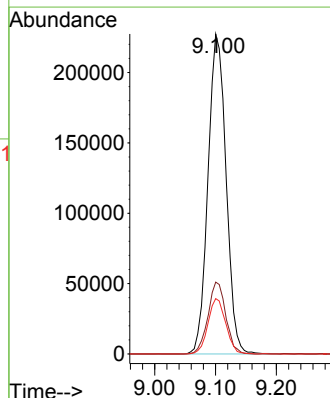
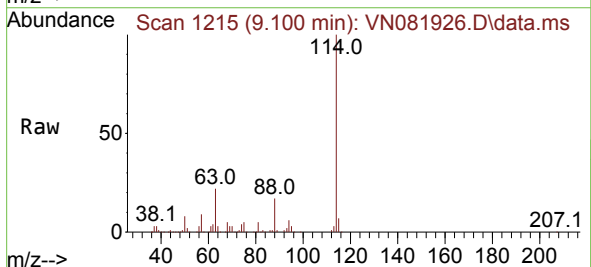
Tgt Ion: 114 Resp: 469727

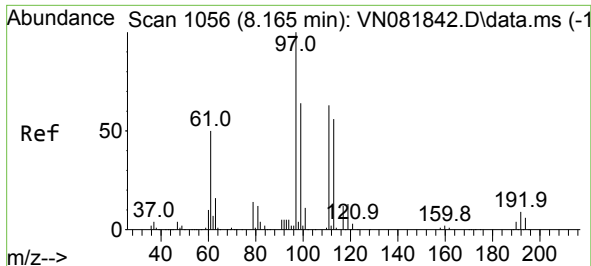
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.0

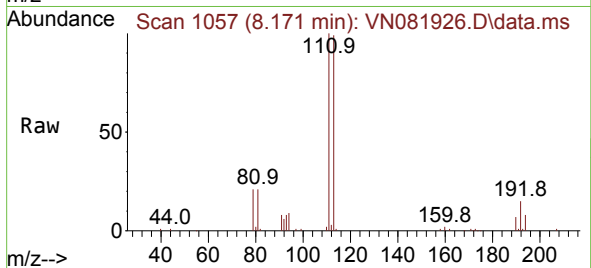
88 17.3 0.0 31.4



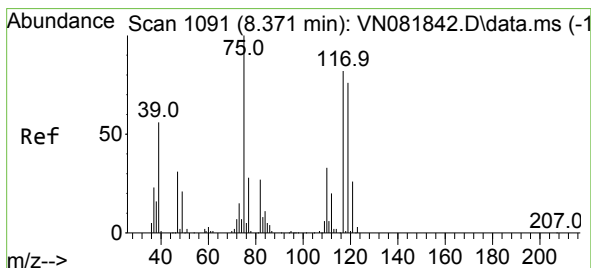
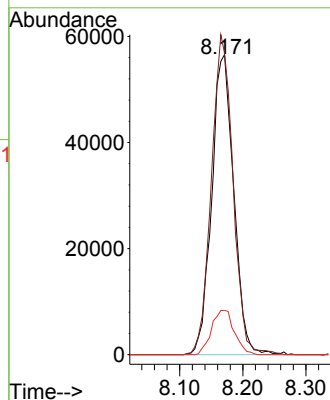
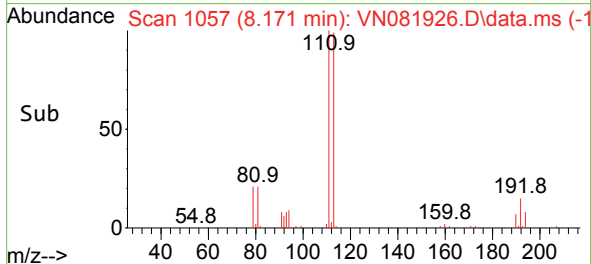


#35
Dibromofluoromethane
Concen: 48.477 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :

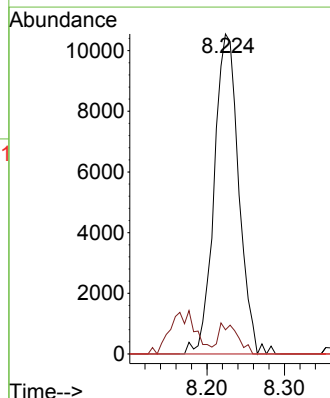
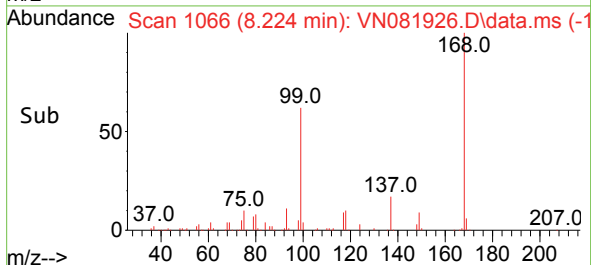
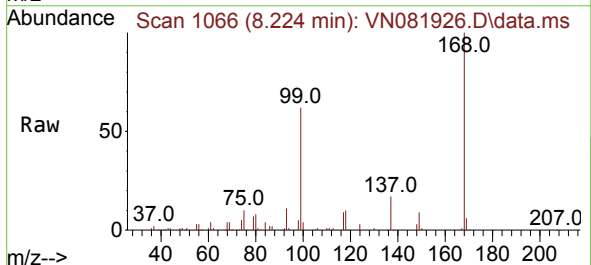


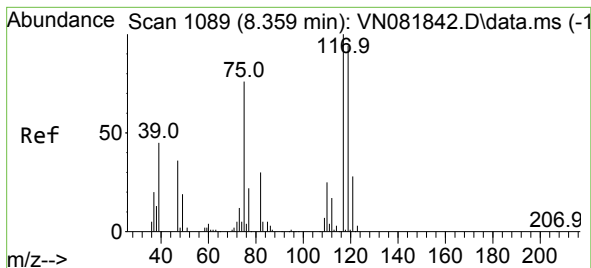
Tgt Ion:113 Resp: 137102
Ion Ratio Lower Upper
113 100
111 104.7 83.4 125.2
192 15.3 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.059 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Tgt Ion: 75 Resp: 23279
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.585 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.129 min

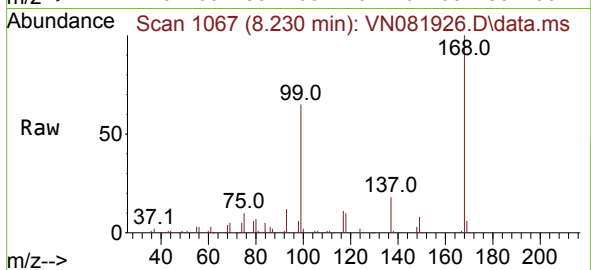
Lab File: VN081926.D

Acq: 30 Apr 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :



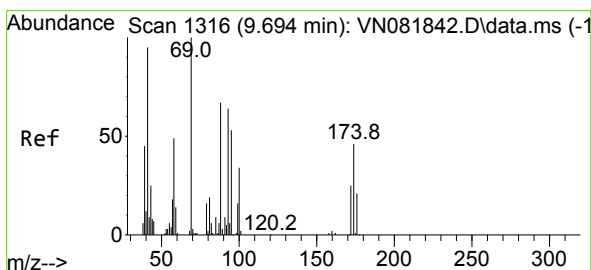
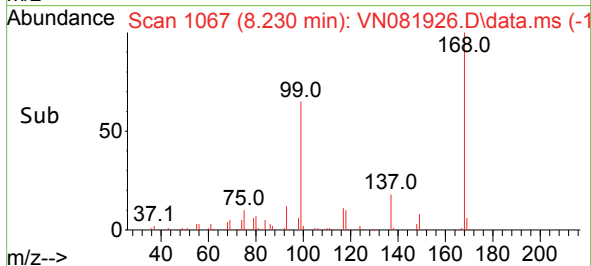
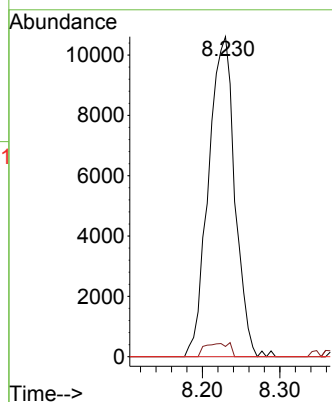
Tgt Ion:117 Resp: 25115

Ion Ratio Lower Upper

117 100

119 3.2 76.5 114.7#

121 0.0 23.9 35.9#



#49

1,4-Dioxane

Concen: 1.090 ug/l

RT: 9.430 min Scan# 1271

Delta R.T. -0.264 min

Lab File: VN081926.D

Acq: 30 Apr 2024 13:08

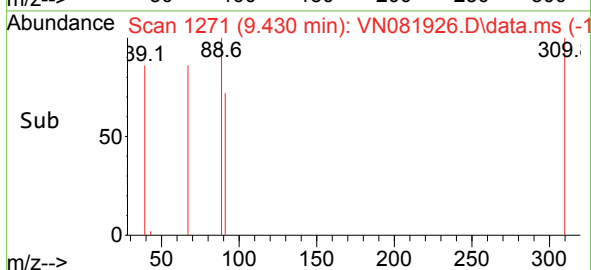
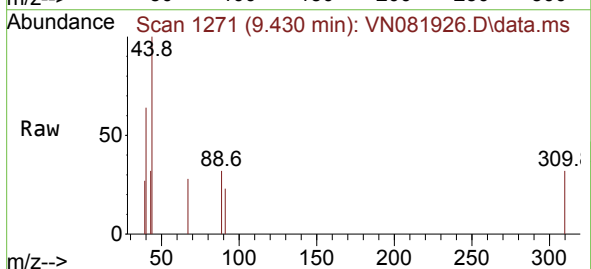
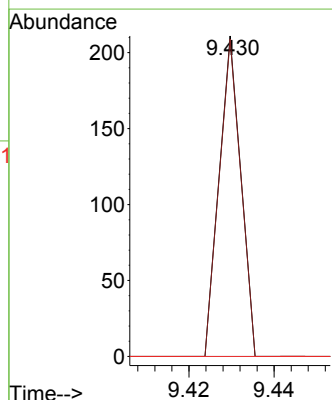
Tgt Ion: 88 Resp: 74

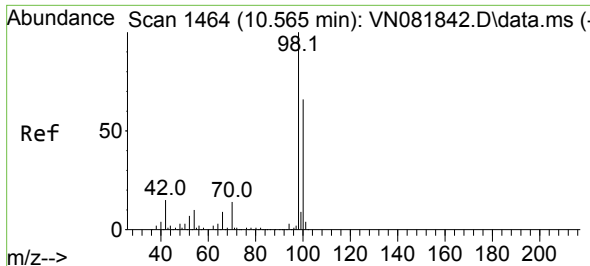
Ion Ratio Lower Upper

88 100

43 100.0 19.0 28.6#

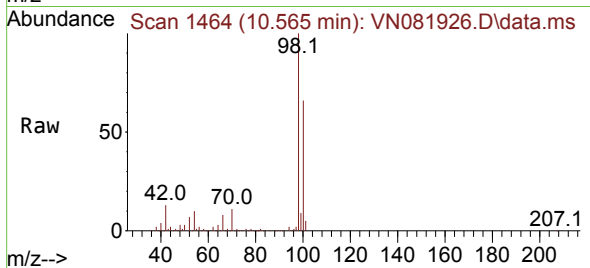
58 0.0 50.6 76.0#



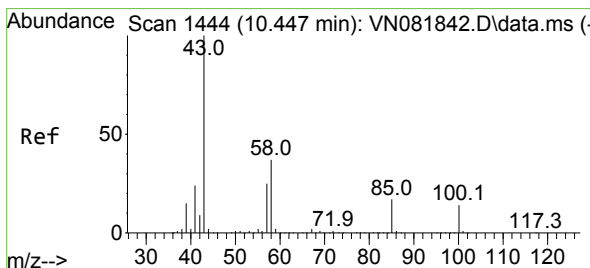
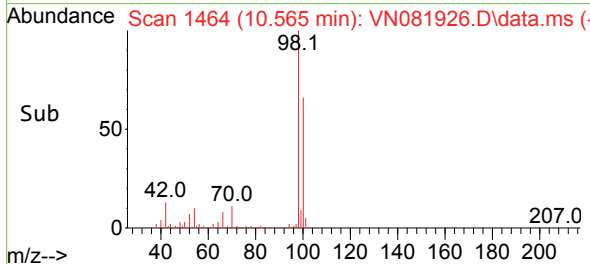
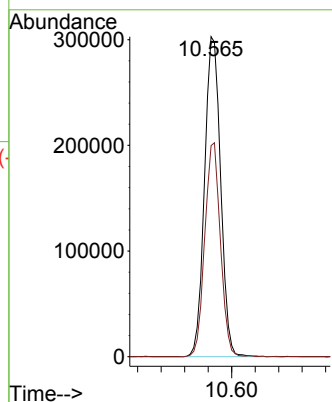


#50
Toluene-d8
Concen: 51.781 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :

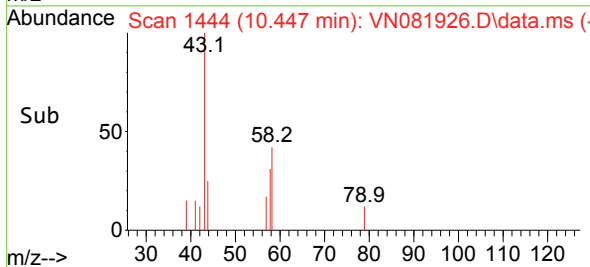
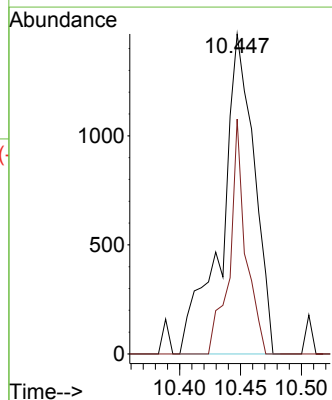
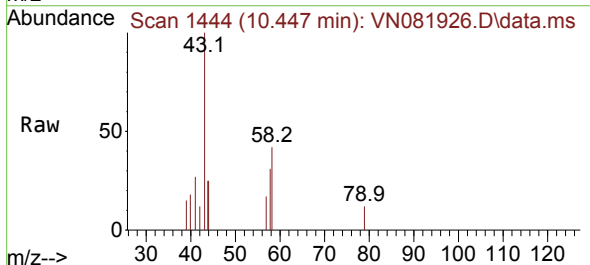


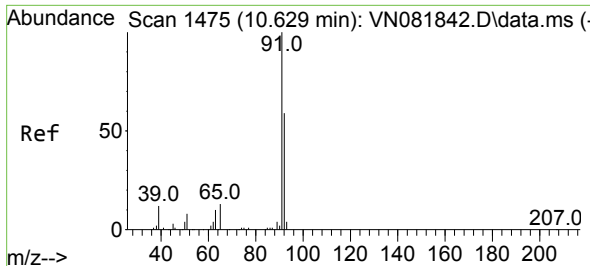
Tgt Ion: 98 Resp: 575156
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Tgt Ion: 43 Resp: 2726
Ion Ratio Lower Upper
43 100
58 36.2 33.2 49.8

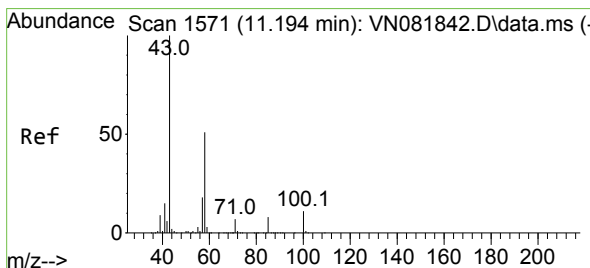
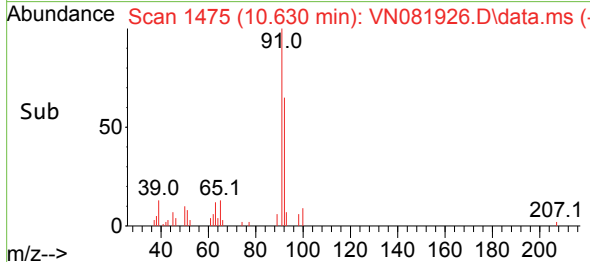
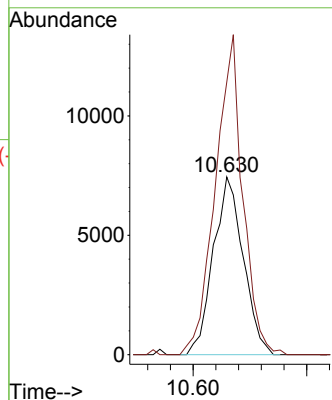
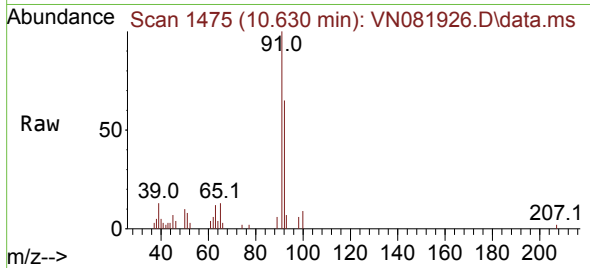




#52
Toluene
Concen: 1.649 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

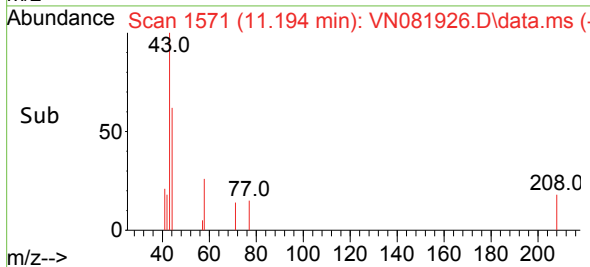
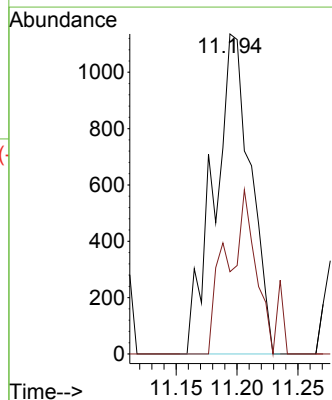
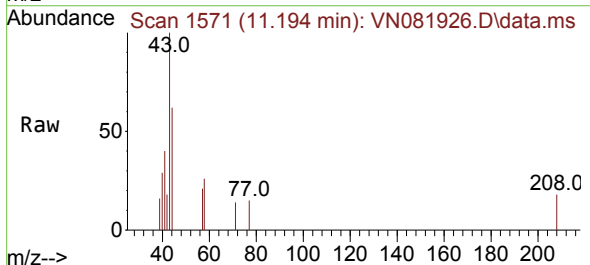
Instrument :
MSVOA_N
ClientSampleId :

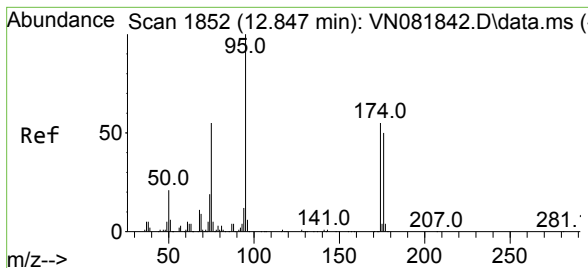
Tgt Ion: 92 Resp: 13642
Ion Ratio Lower Upper
92 100
91 164.8 136.7 205.1



#59
2-Hexanone
Concen: 0.604 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Tgt Ion: 43 Resp: 2366
Ion Ratio Lower Upper
43 100
58 40.4 28.3 84.9

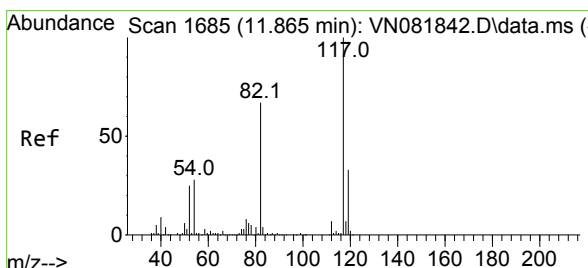
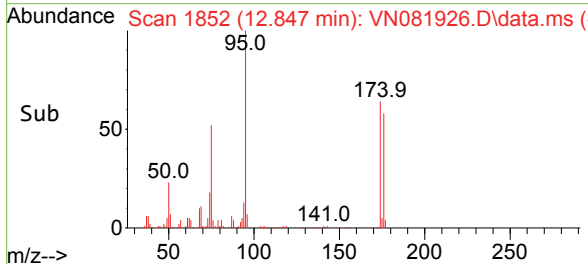
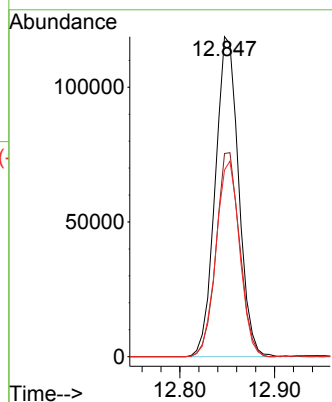
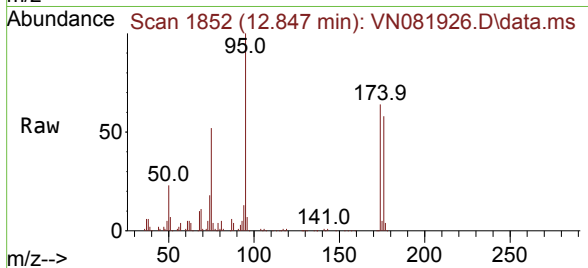




#62
4-Bromofluorobenzene
Concen: 46.460 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

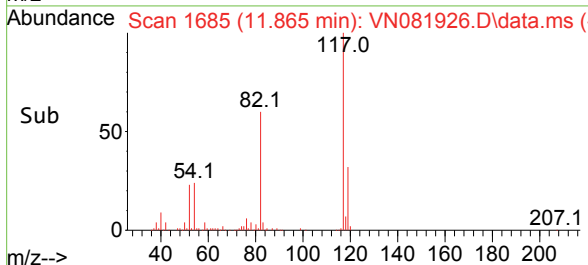
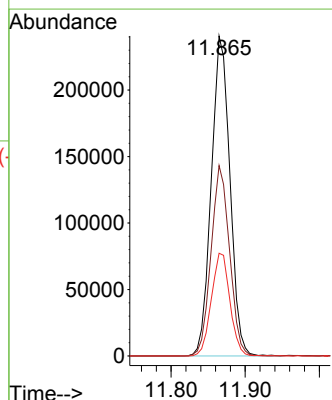
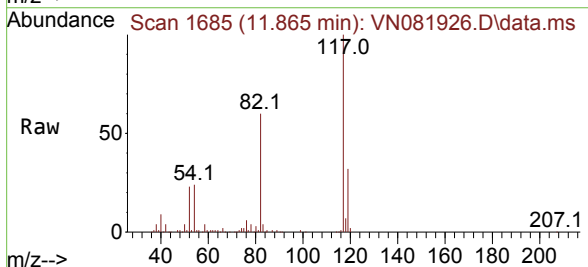
Instrument :
MSVOA_N
ClientSampleId :

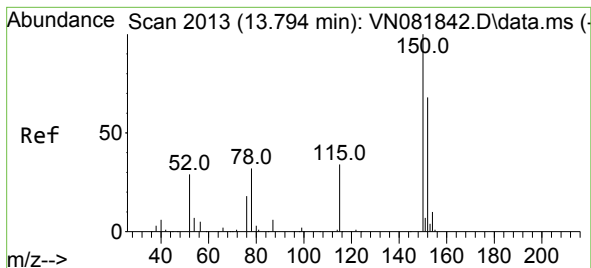
Tgt Ion: 95 Resp: 203997
Ion Ratio Lower Upper
95 100
174 64.1 0.0 160.6
176 61.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Tgt Ion: 117 Resp: 420258
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081926.D

Acq: 30 Apr 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

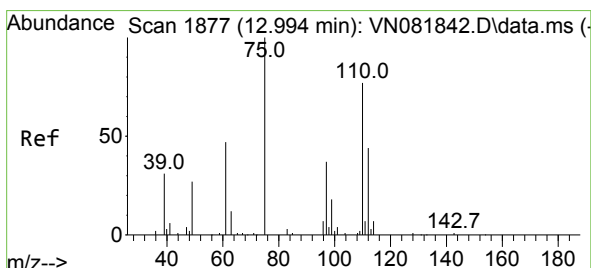
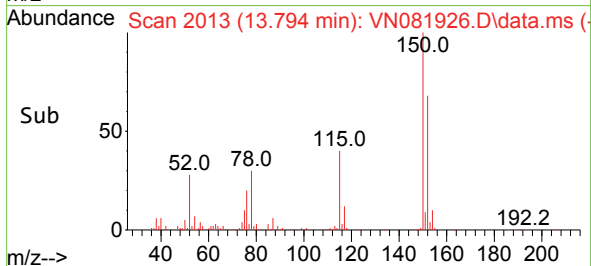
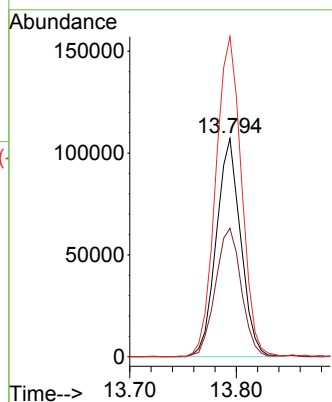
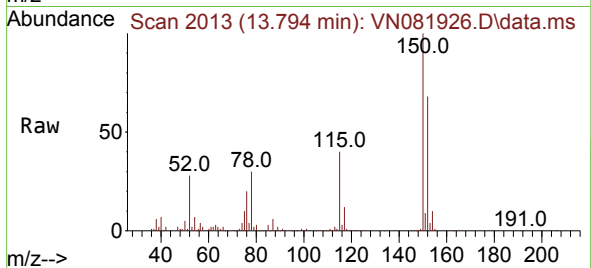
Tgt Ion:152 Resp: 170388

Ion Ratio Lower Upper

152 100

115 62.5 30.4 91.3

150 154.9 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 24.447 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081926.D

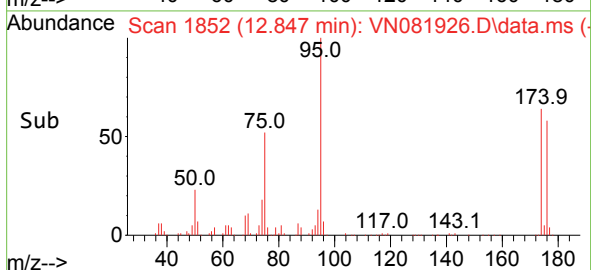
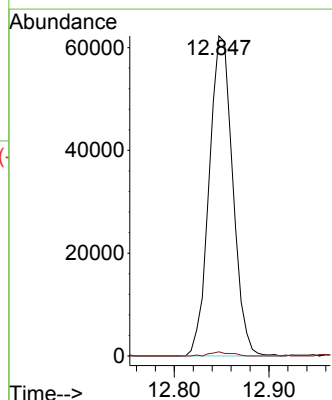
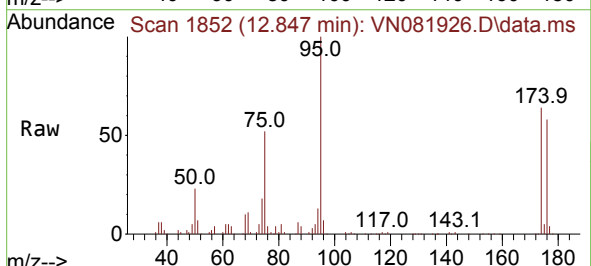
Acq: 30 Apr 2024 13:08

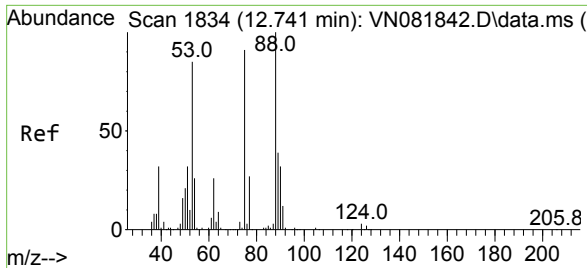
Tgt Ion: 75 Resp: 108000

Ion Ratio Lower Upper

75 100

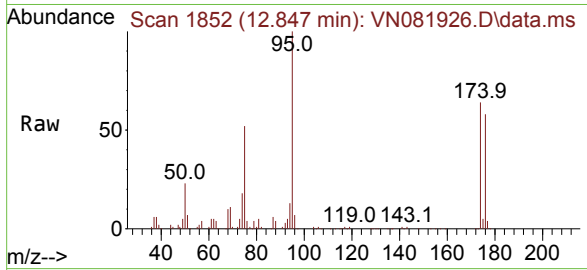
77 1.2 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 50.094 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN081926.D
Acq: 30 Apr 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 108000
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

