

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081375.D
 Acq On : 12 Mar 2024 16:14
 Operator : JC\MD
 Sample : P1734-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1340

Quant Time: Mar 13 04:53:48 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)

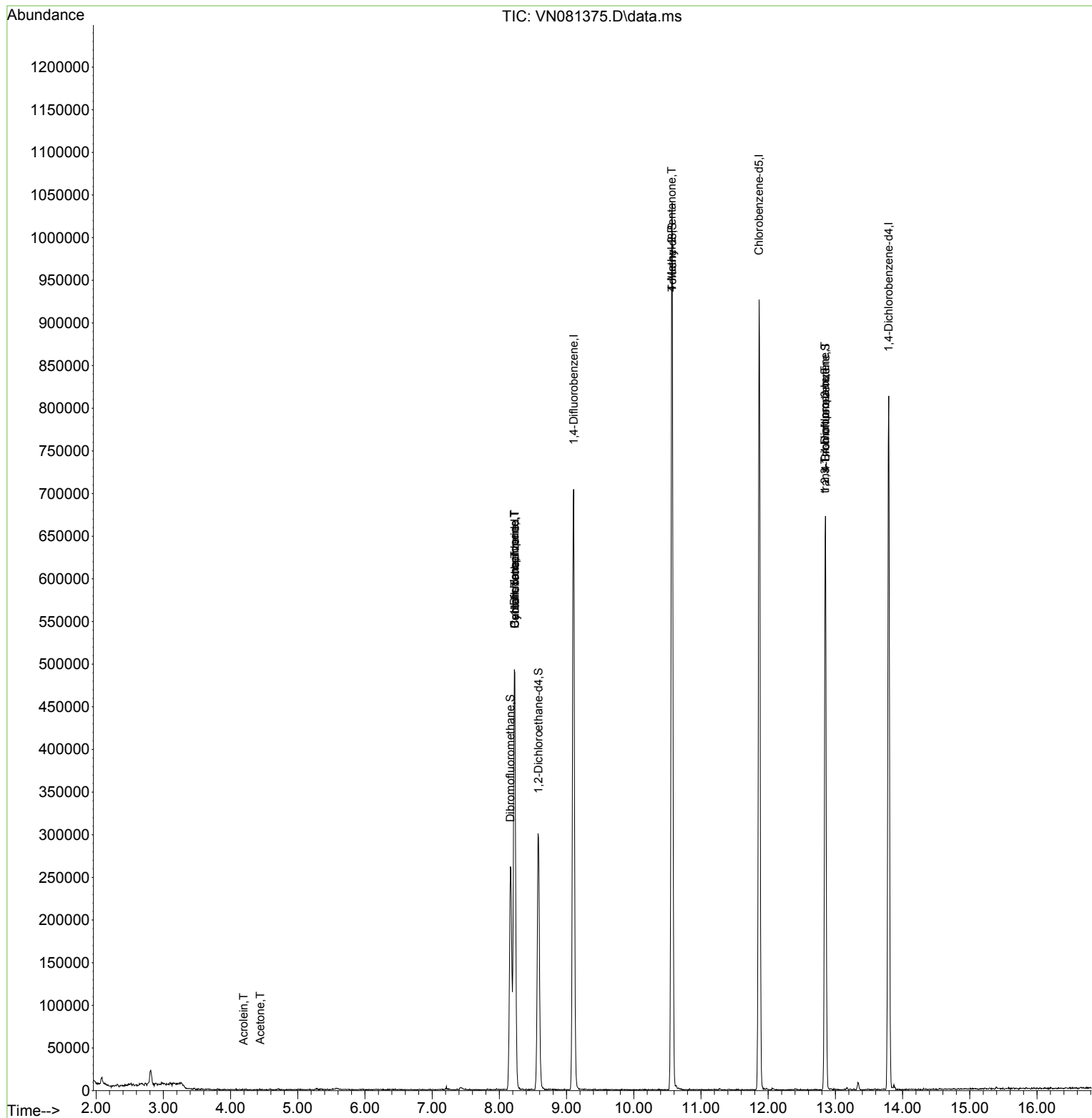
Internal Standards						
1) Pentafluorobenzene	8.229	168	339618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	597980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	519590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245387	49.972	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.940%
35) Dibromofluoromethane	8.165	113	188012	51.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.640%
50) Toluene-d8	10.570	98	705313	51.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.853	95	229005	47.310	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.620%
Target Compounds						
					Qvalue	
13) Acrolein	4.194	56	216	0.212	ug/l #	15
16) Acetone	4.441	43	670	0.385	ug/l #	44
20) Methylene Chloride	5.288	84	257	Below Cal	#	57
31) Cyclohexane	8.229	56	9642	1.297	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	31492	5.328	ug/l #	53
38) Carbon Tetrachloride	8.229	117	39777	6.687	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	4135	0.704	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	125818	24.967	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	125818	69.678	ug/l #	14

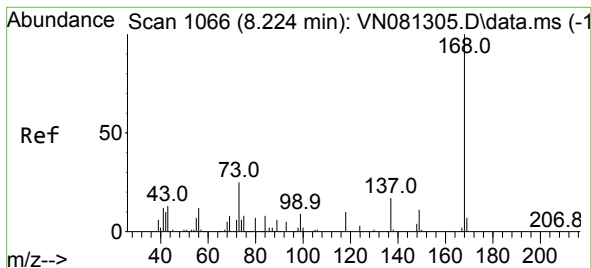
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 13 04:53:48 2024
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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: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081375.D

Acq: 12 Mar 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

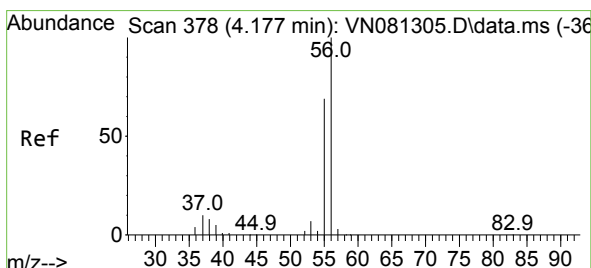
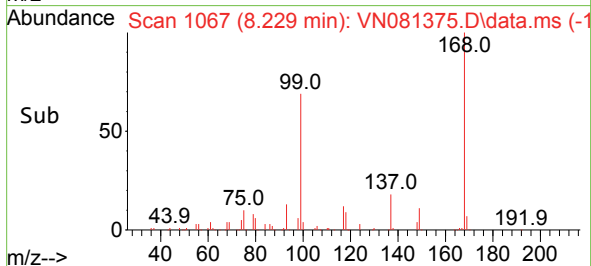
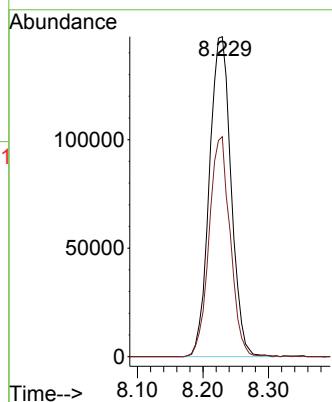
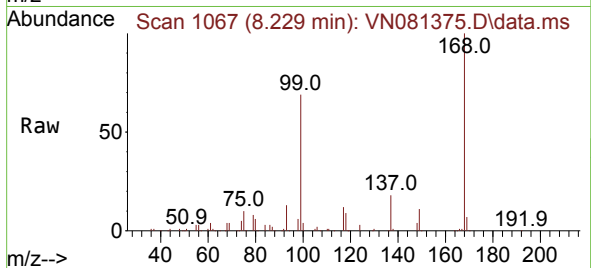
1340

Tgt Ion:168 Resp: 339618

Ion Ratio Lower Upper

168 100

99 68.7 59.9 89.9



#13

Acrolein

Concen: 0.212 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.018 min

Lab File: VN081375.D

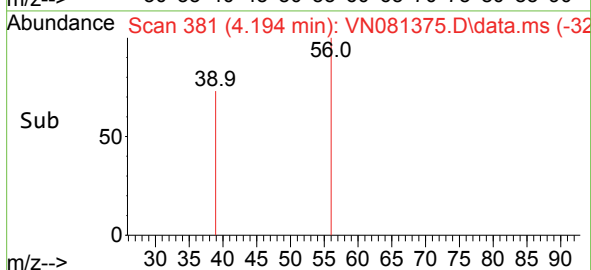
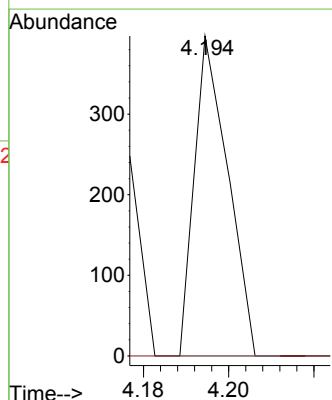
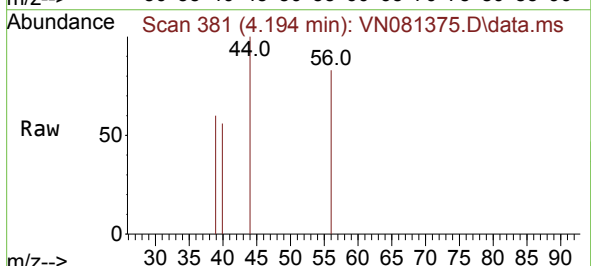
Acq: 12 Mar 2024 16:14

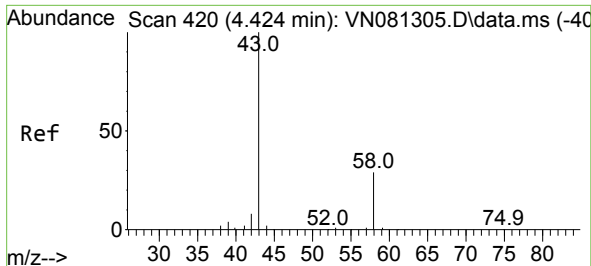
Tgt Ion: 56 Resp: 216

Ion Ratio Lower Upper

56 100

55 0.0 55.3 82.9#





#16

Acetone

Concen: 0.385 ug/l

RT: 4.441 min Scan# 43

Delta R.T. 0.018 min

Lab File: VN081375.D

Acq: 12 Mar 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

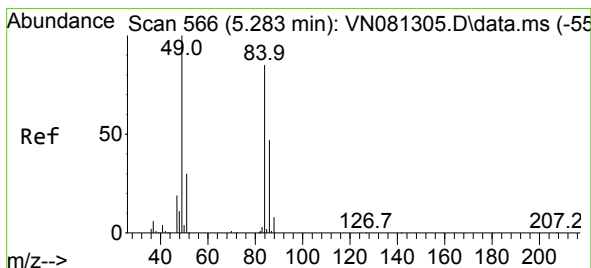
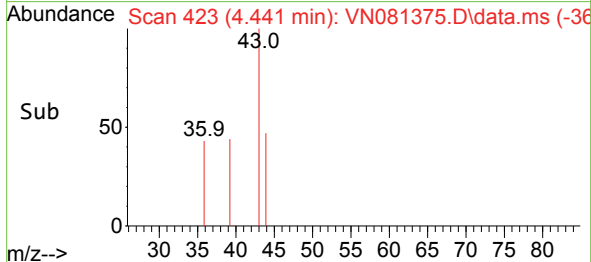
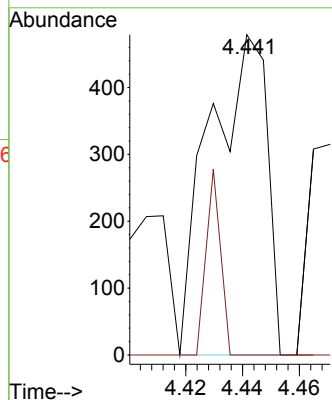
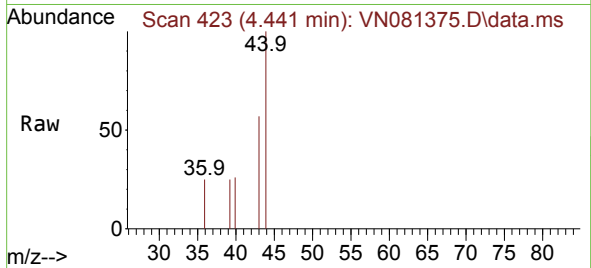
1340

Tgt Ion: 43 Resp: 670

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.288 min Scan# 567

Delta R.T. 0.005 min

Lab File: VN081375.D

Acq: 12 Mar 2024 16:14

Tgt Ion: 84 Resp: 257

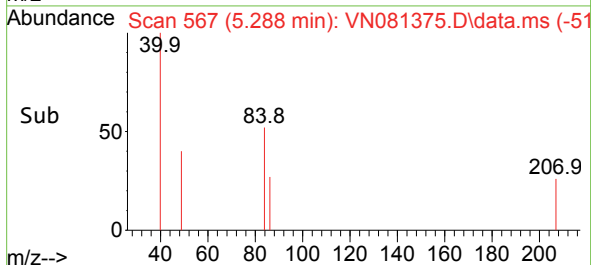
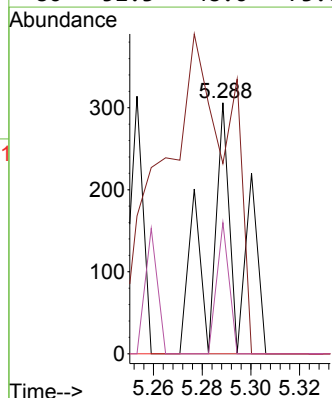
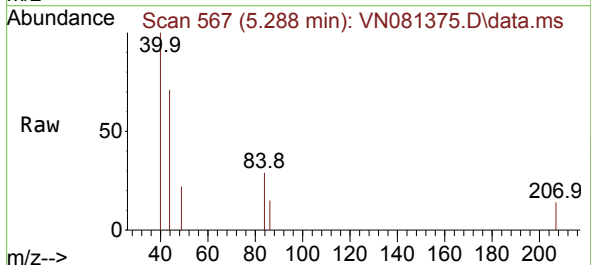
Ion Ratio Lower Upper

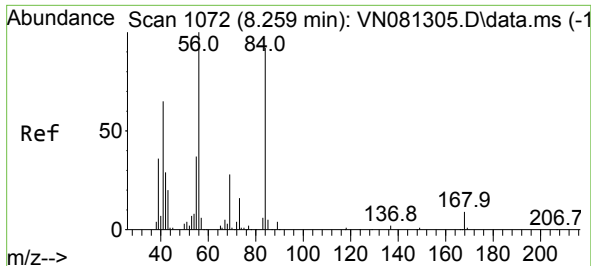
84 100

49 75.8 108.1 162.1#

51 0.0 32.9 49.3#

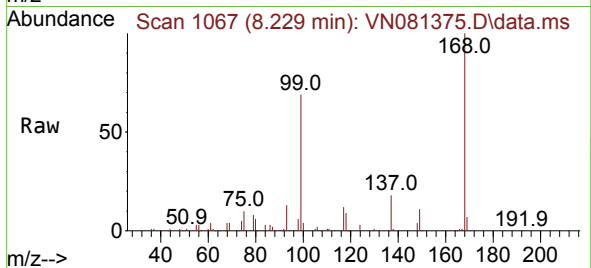
86 52.3 48.6 73.0



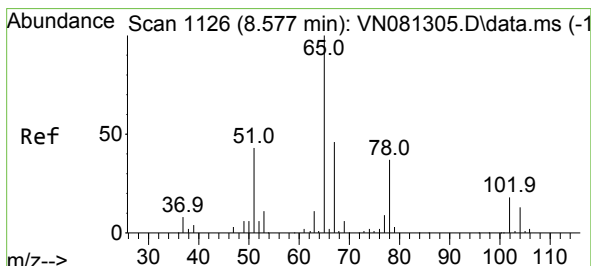
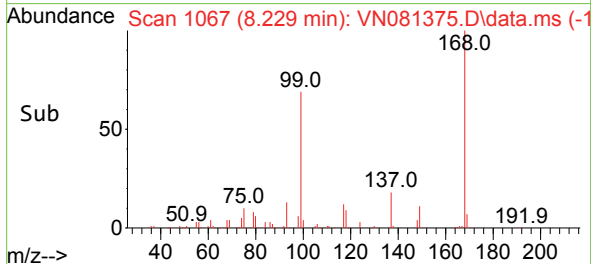
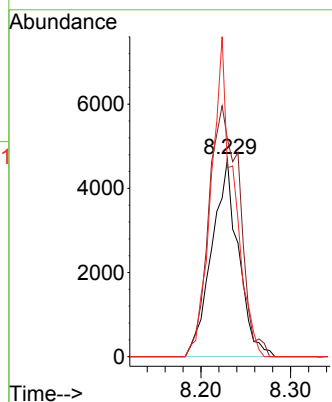


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
1340

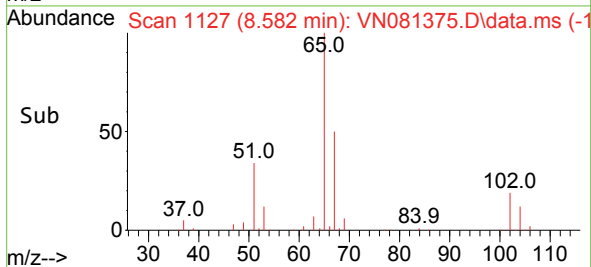
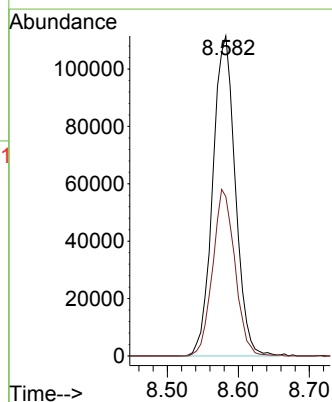
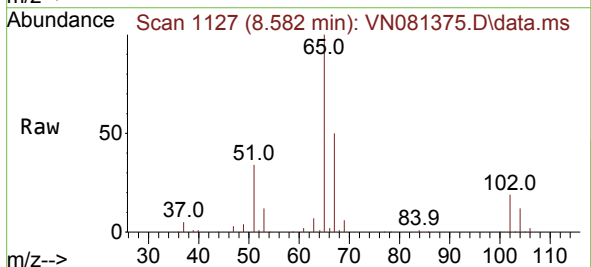


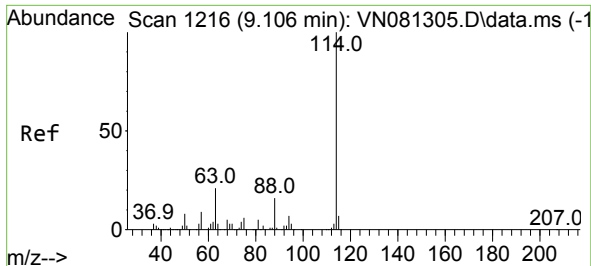
Tgt Ion: 56 Resp: 9642
Ion Ratio Lower Upper
56 100
69 110.2 20.1 30.1#
84 95.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.972 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

Tgt Ion: 65 Resp: 245387
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

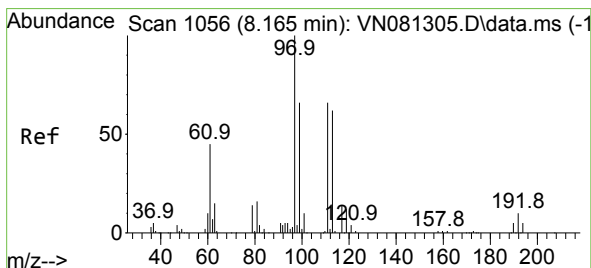
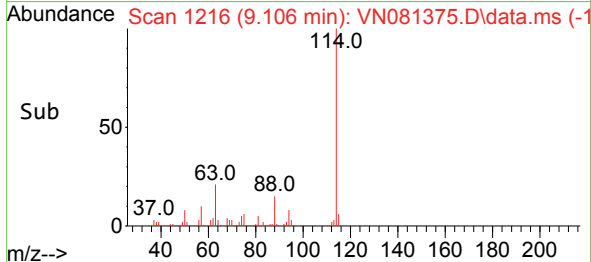
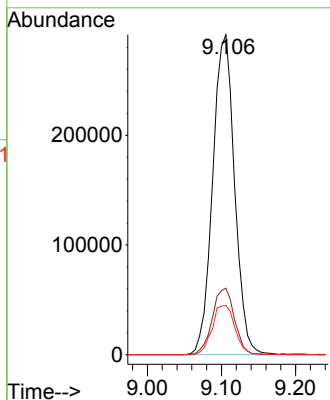
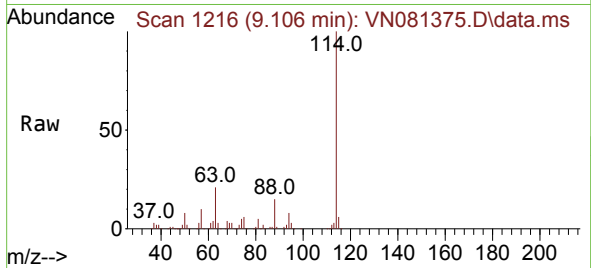




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

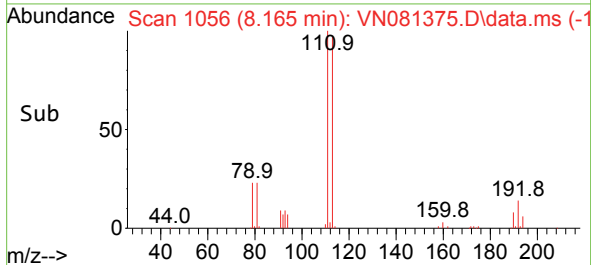
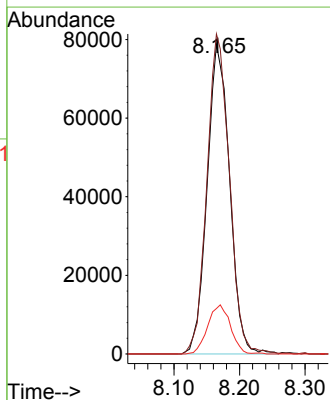
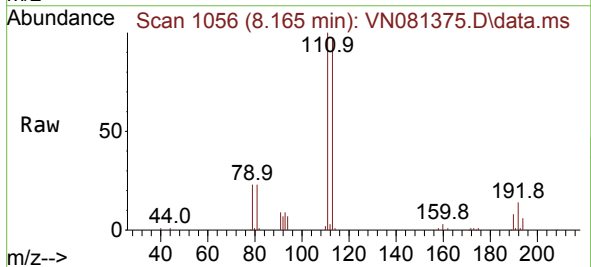
Instrument :
MSVOA_N
ClientSampleId :
1340

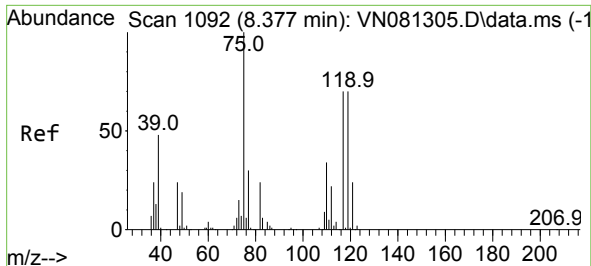
Tgt Ion:114 Resp: 597980
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.319 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

Tgt Ion:113 Resp: 188012
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 16.0 12.5 18.7

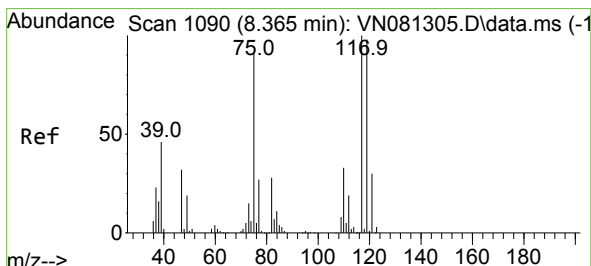
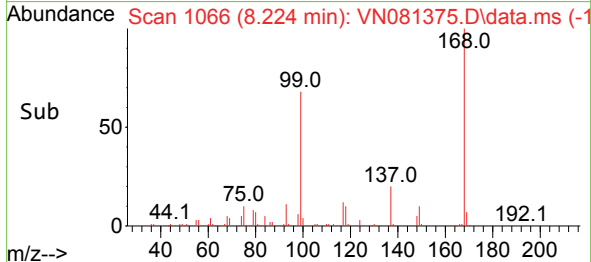
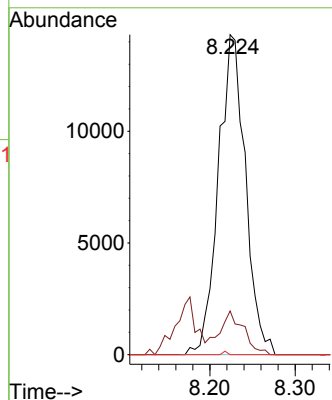
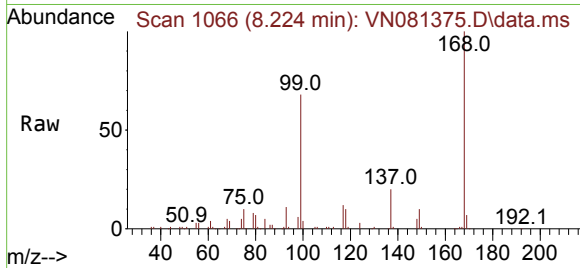




#36
 1,1-Dichloropropene
 Concen: 5.328 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN081375.D
 Acq: 12 Mar 2024 16:14

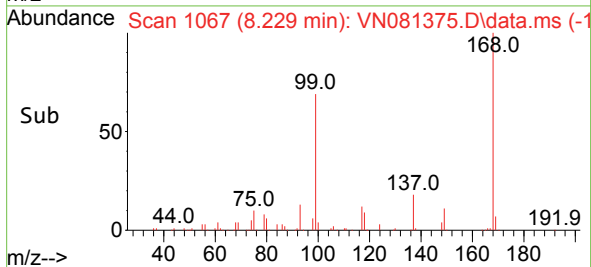
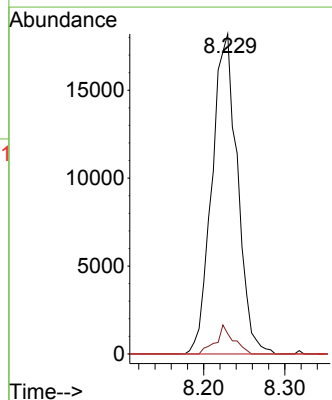
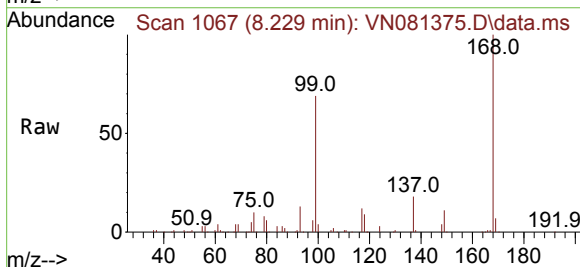
Instrument :
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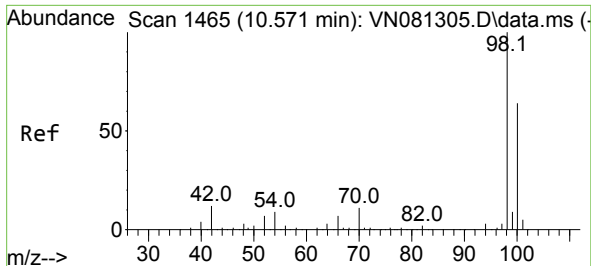
Tgt Ion: 75 Resp: 31492
 Ion Ratio Lower Upper
 75 100
 110 11.6 16.0 48.0#
 77 0.2 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 6.687 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.135 min
 Lab File: VN081375.D
 Acq: 12 Mar 2024 16:14

Tgt Ion: 117 Resp: 39777
 Ion Ratio Lower Upper
 117 100
 119 6.3 73.4 110.2#
 121 0.0 24.4 36.6#

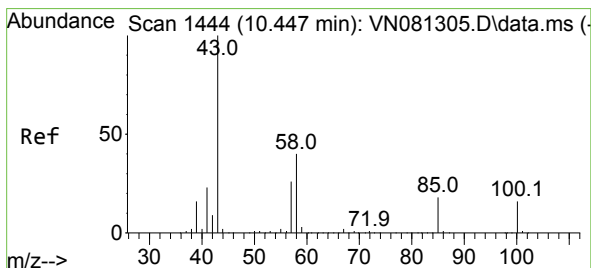
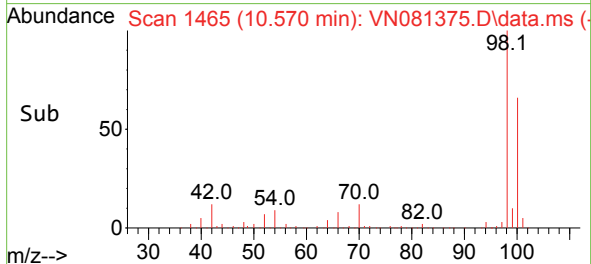
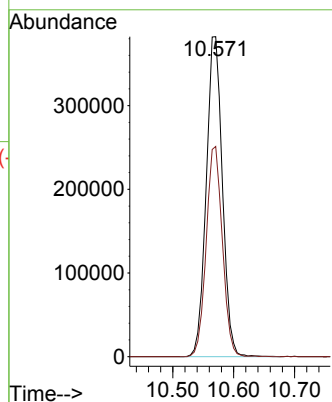
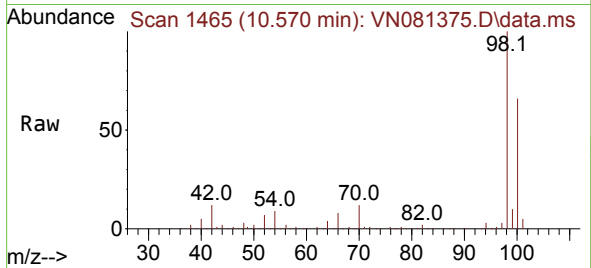




#50
Toluene-d8
Concen: 51.500 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

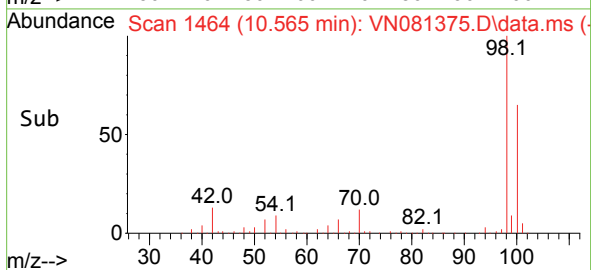
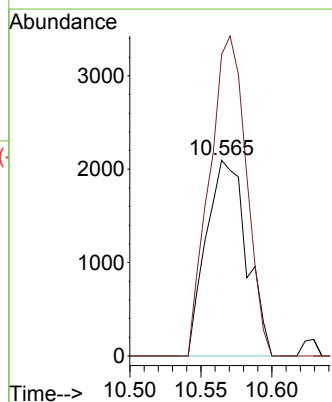
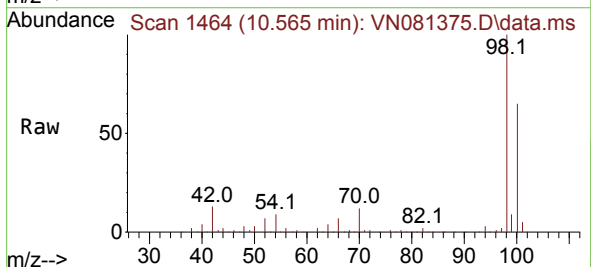
Instrument :
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ClientSampleId :
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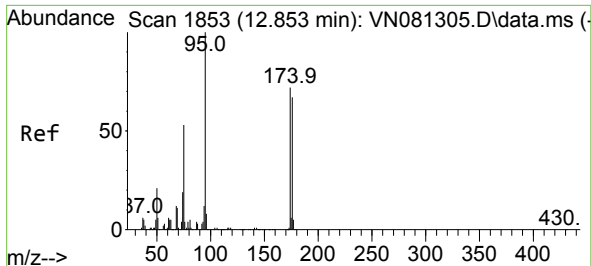
Tgt Ion: 98 Resp: 705313
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.704 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

Tgt Ion: 43 Resp: 4135
Ion Ratio Lower Upper
43 100
58 149.4 29.4 44.0#

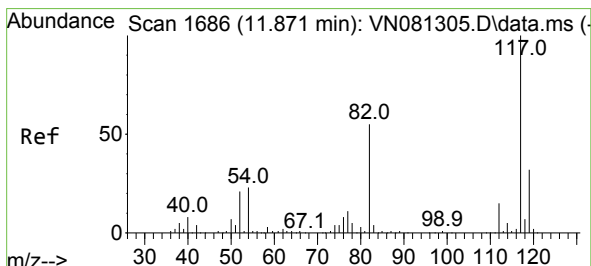
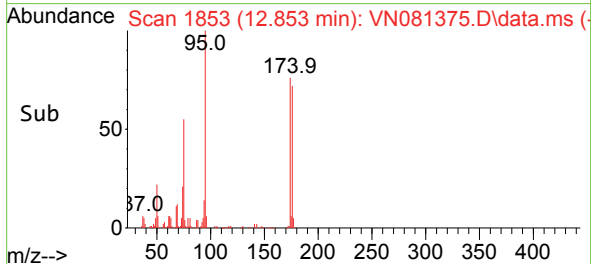
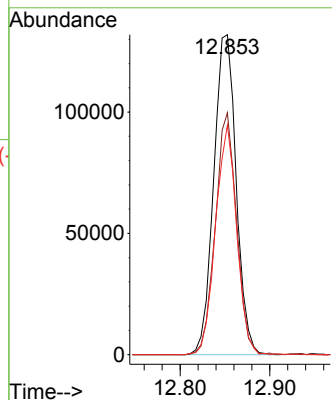
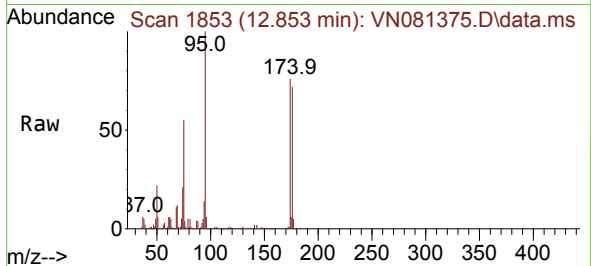




#62
4-Bromofluorobenzene
Concen: 47.310 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

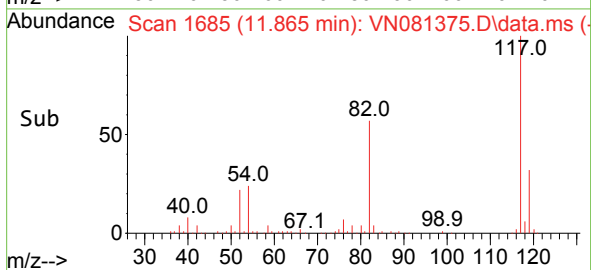
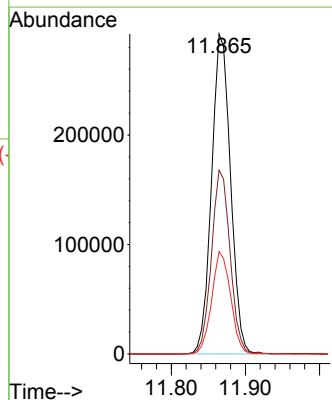
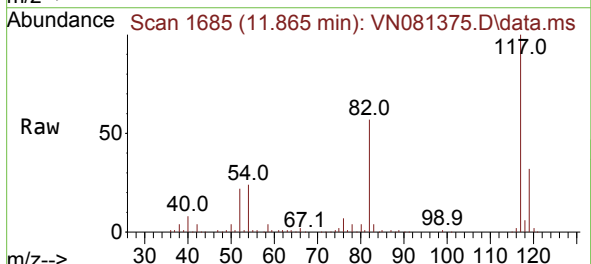
Instrument :
MSVOA_N
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1340

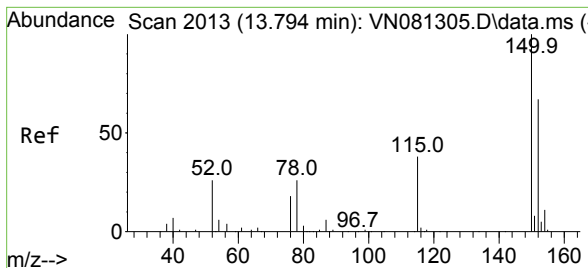
Tgt Ion: 95 Resp: 229005
Ion Ratio Lower Upper
95 100
174 71.5 0.0 120.4
176 67.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

Tgt Ion: 117 Resp: 519590
Ion Ratio Lower Upper
117 100
82 57.4 52.7 79.1
119 32.0 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: VN081375.D

Acq: 12 Mar 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

1340

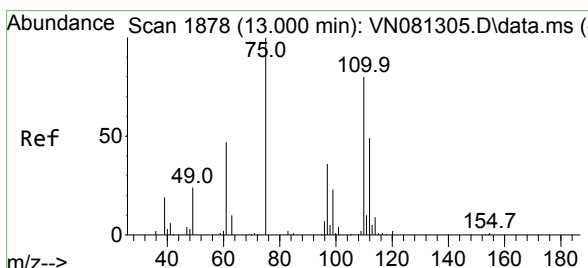
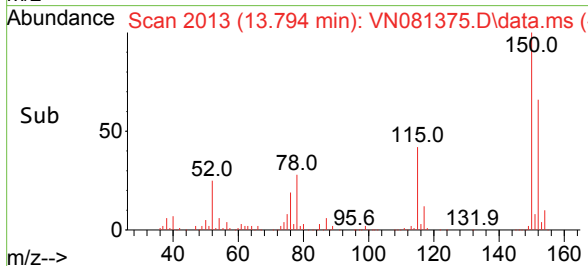
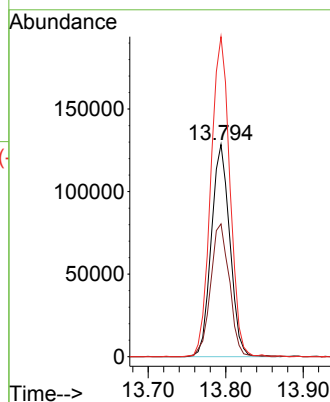
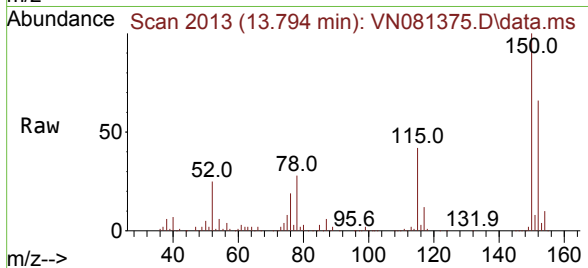
Tgt Ion:152 Resp: 213357

Ion Ratio Lower Upper

152 100

115 63.5 32.3 96.8

150 154.7 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 24.967 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.153 min

Lab File: VN081375.D

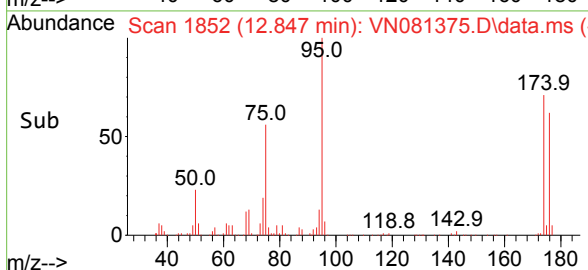
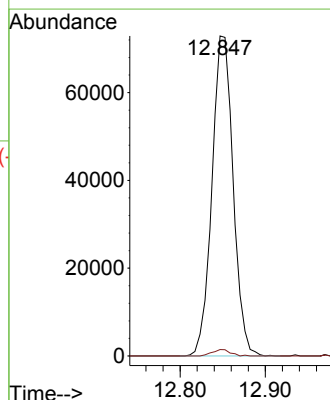
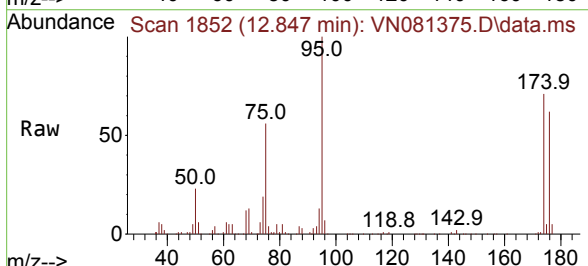
Acq: 12 Mar 2024 16:14

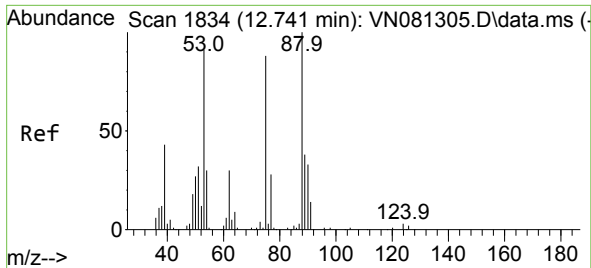
Tgt Ion: 75 Resp: 125818

Ion Ratio Lower Upper

75 100

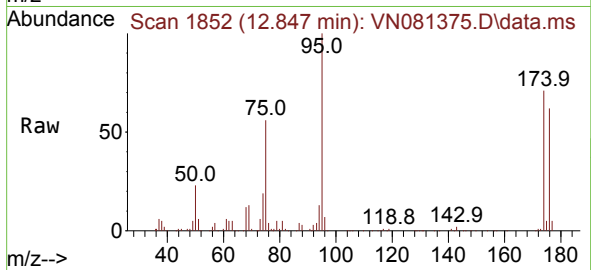
77 1.7 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.678 ug/l
RT: 12.847 min Scan# 11340
Delta R.T. 0.106 min
Lab File: VN081375.D
Acq: 12 Mar 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 125818
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

