

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081989.D
 Acq On : 03 May 2024 14:12
 Operator : JC\MD
 Sample : P2295-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:55:11 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)

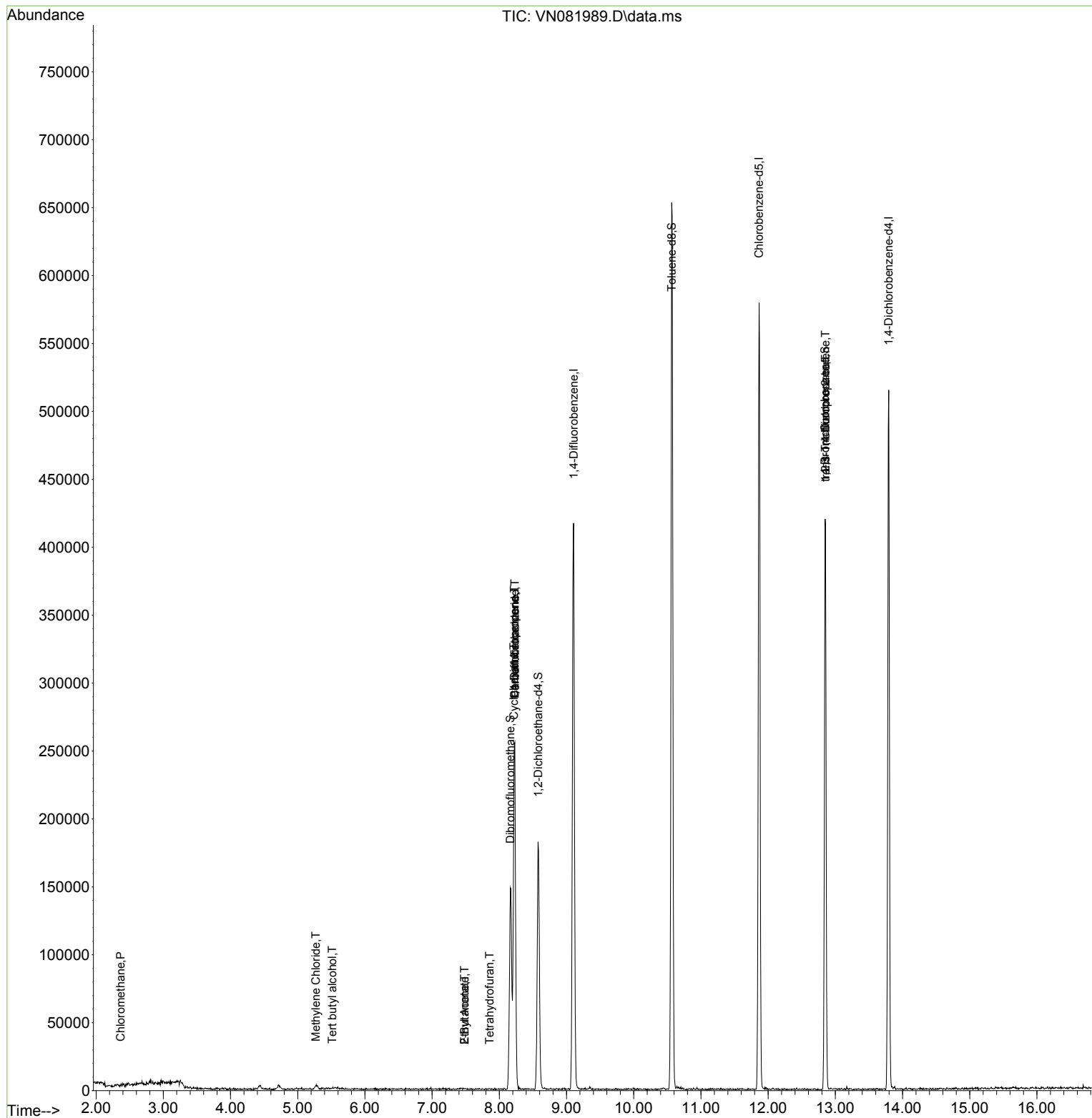
Internal Standards						
1) Pentafluorobenzene	8.230	168	177177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	360962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137714	46.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.165	113	108758	50.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.080%
50) Toluene-d8	10.565	98	449058	52.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.847	95	150952	44.738	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	756	0.291	ug/l	99
5) Bromomethane	2.977	94	353	Below Cal	#	65
11) Tert butyl alcohol	5.512	59	236	0.434	ug/l #	71
13) Acrolein	4.165	56	66	Below Cal	#	1
20) Methylene Chloride	5.271	84	2078	0.811	ug/l #	55
25) 2-Butanone	7.483	43	1036	0.610	ug/l #	43
29) Tetrahydrofuran	7.853	42	351	0.288	ug/l #	40
31) Cyclohexane	8.218	56	5822	1.292	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	17683	5.001	ug/l #	49
37) Ethyl Acetate	7.483	43	1036	0.271	ug/l #	76
38) Carbon Tetrachloride	8.230	117	19081	5.522	ug/l #	16
76) 1,2,3-Trichloropropane	12.853	75	86508	26.703	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	86508	54.717	ug/l #	13

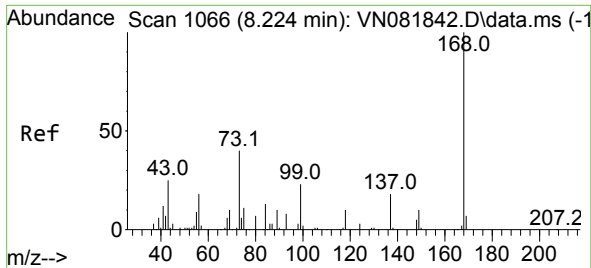
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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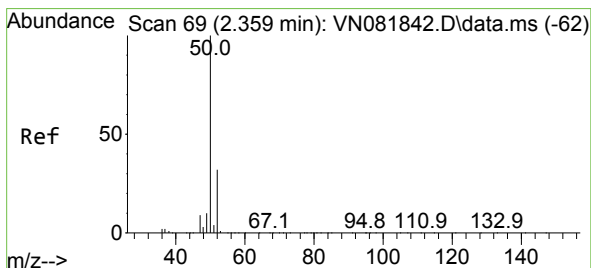
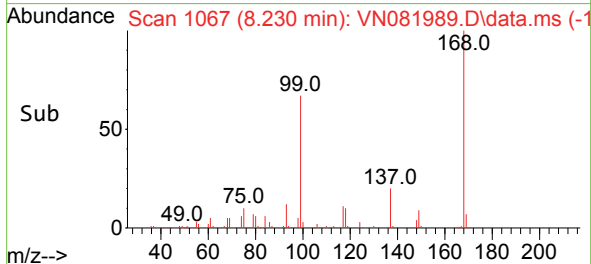
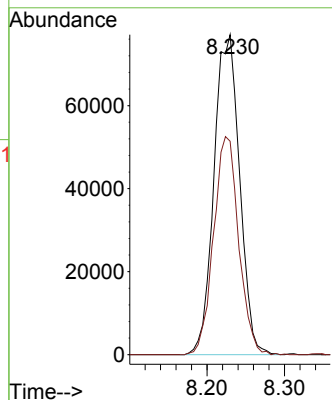
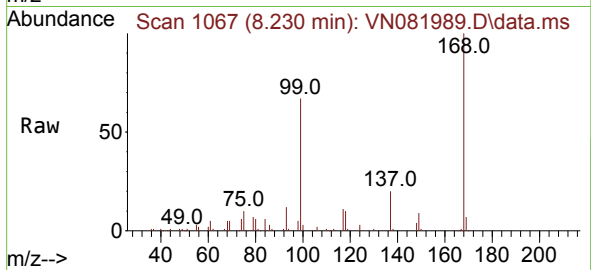




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

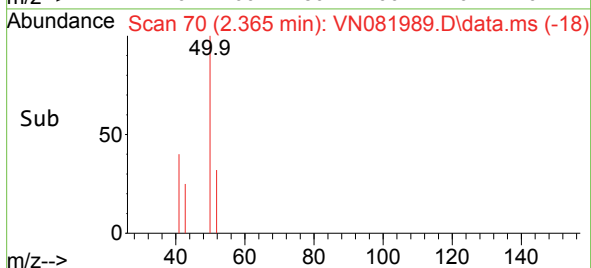
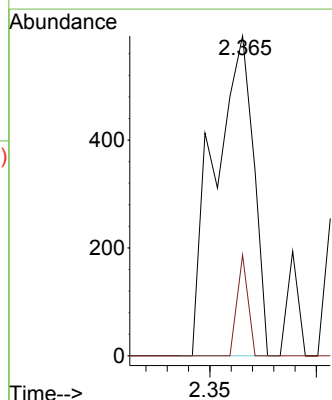
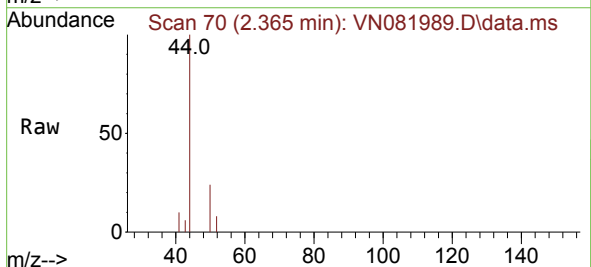
Instrument :
MSVOA_N
ClientSampleId :

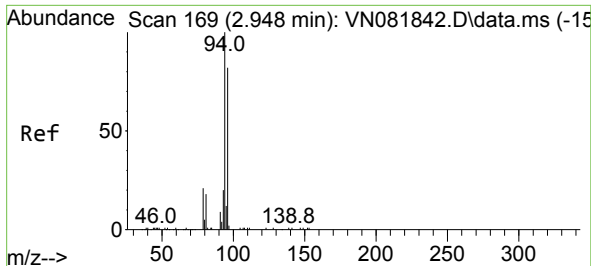
Tgt Ion:168 Resp: 177177
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4



#3
Chloromethane
Concen: 0.291 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3





#5

Bromomethane

Concen: Below Cal

RT: 2.977 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN081989.D

Acq: 03 May 2024 14:12

Instrument :

MSVOA_N

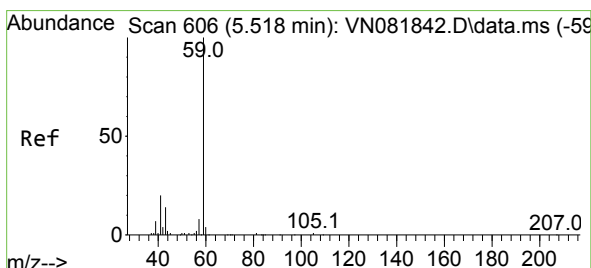
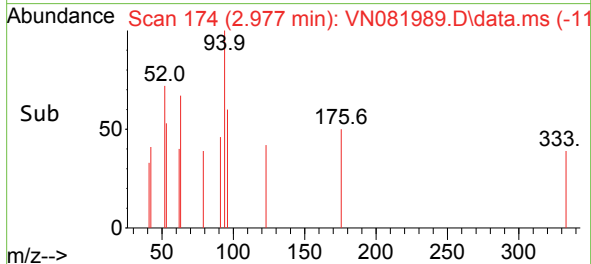
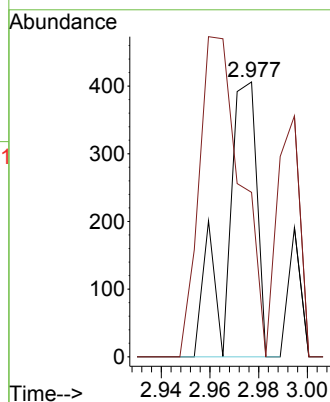
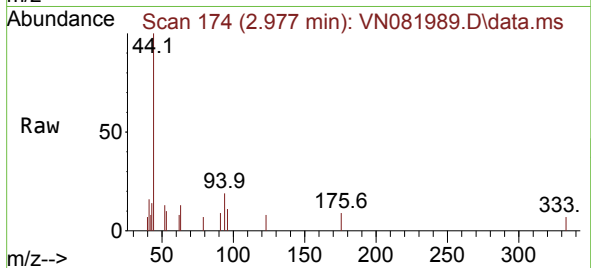
ClientSampleId :

Tgt Ion: 94 Resp: 353

Ion Ratio Lower Upper

94 100

96 59.9 74.8 112.2#



#11

Tert butyl alcohol

Concen: 0.434 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN081989.D

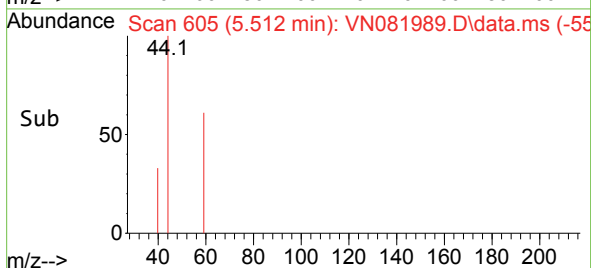
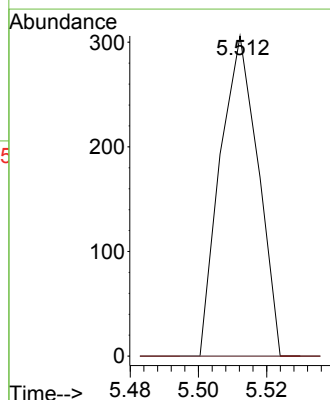
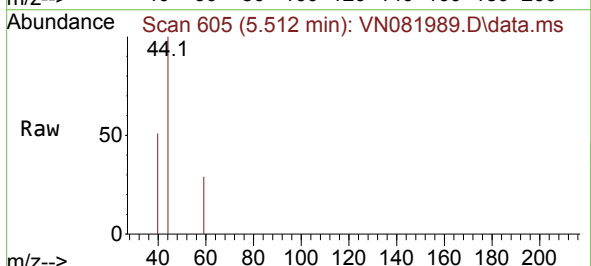
Acq: 03 May 2024 14:12

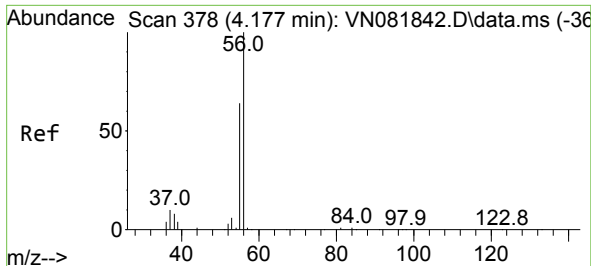
Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#





#13

Acrolein

Concen: Below Cal

RT: 4.165 min Scan# 31

Delta R.T. -0.012 min

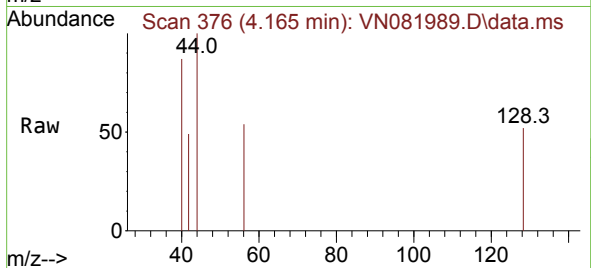
Lab File: VN081989.D

Acq: 03 May 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

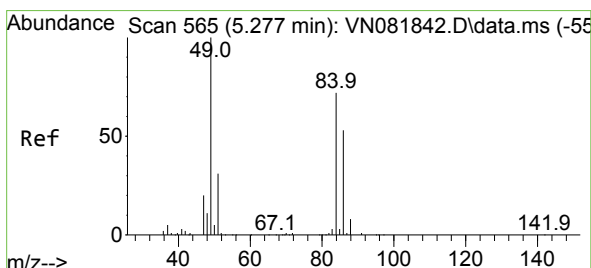
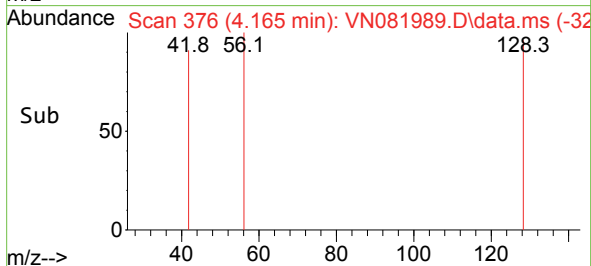
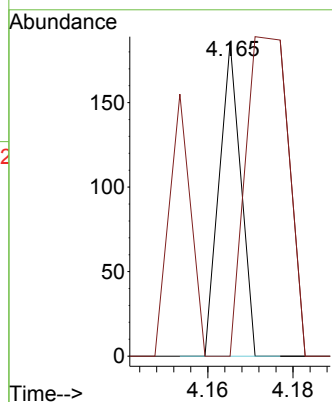


Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 201.5 55.8 83.8#



#20

Methylene Chloride

Concen: 0.811 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN081989.D

Acq: 03 May 2024 14:12

Tgt Ion: 84 Resp: 2078

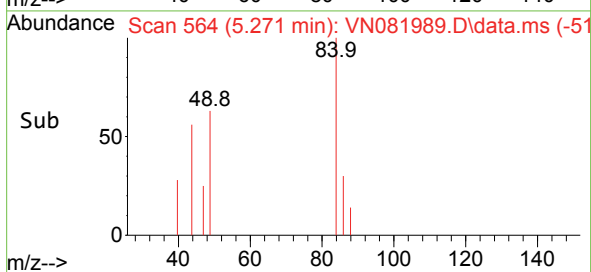
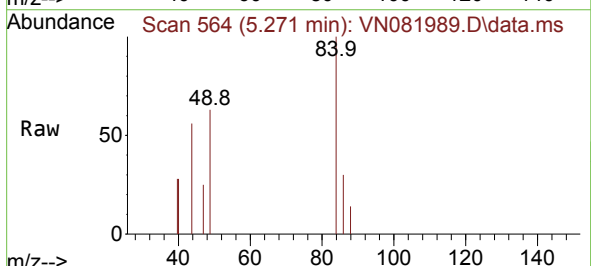
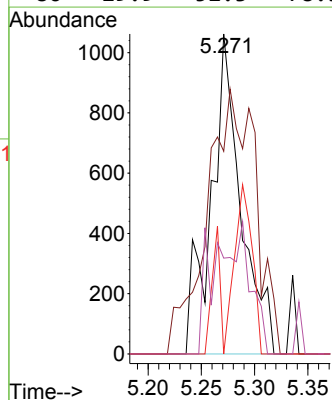
Ion Ratio Lower Upper

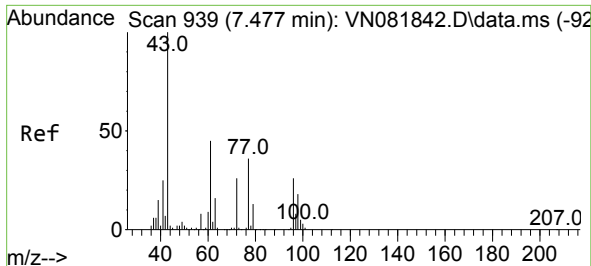
84 100

49 63.4 84.9 127.3#

51 0.0 27.0 40.6#

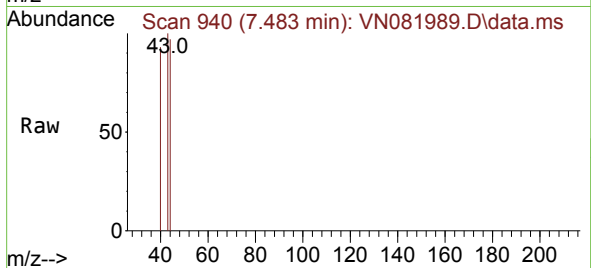
86 29.9 52.3 78.5#



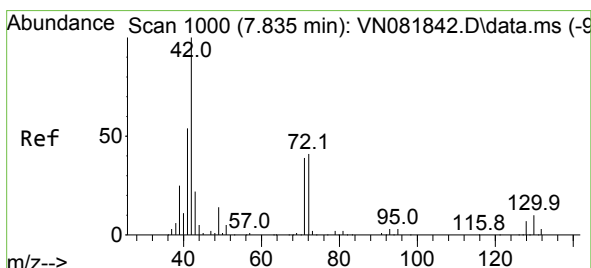
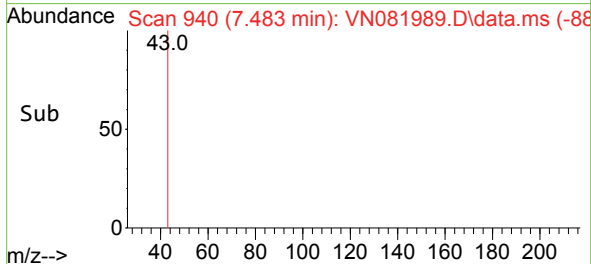
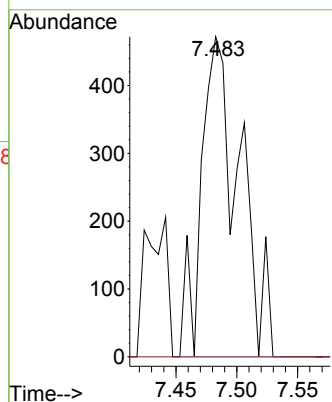


#25
2-Butanone
Concen: 0.610 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

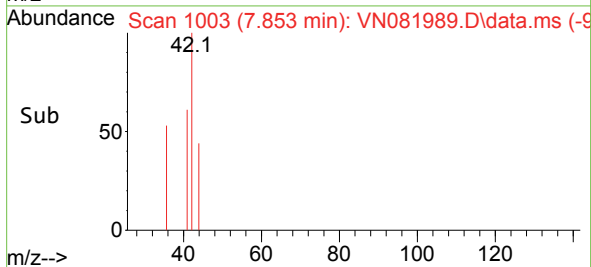
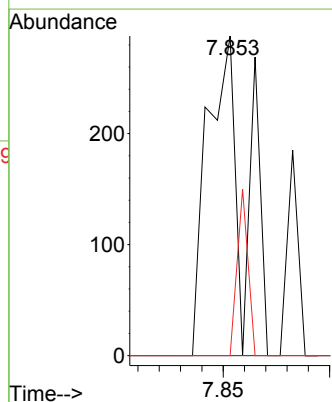
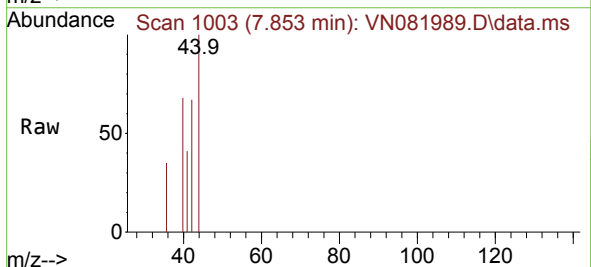


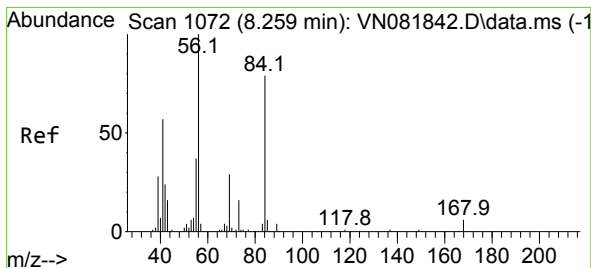
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.288 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

Tgt Ion: 42 Resp: 351
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 15.1 37.4 56.0#





#31

Cyclohexane

Concen: 1.292 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

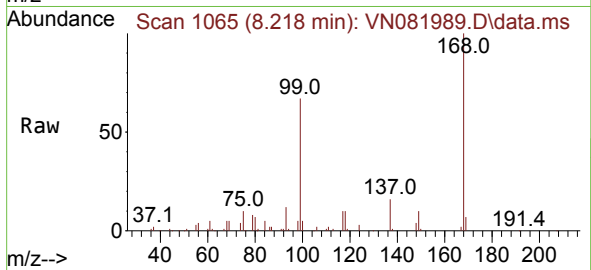
Lab File: VN081989.D

Acq: 03 May 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :



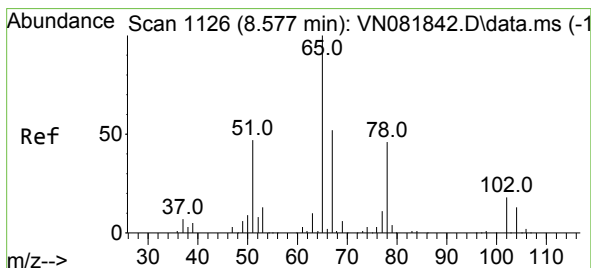
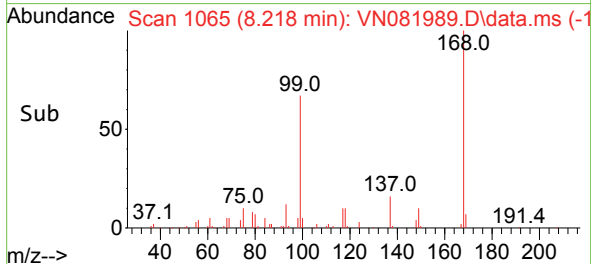
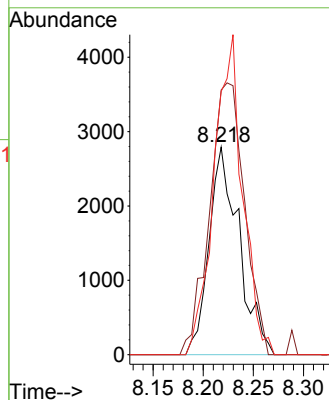
Tgt Ion: 56 Resp: 5822

Ion Ratio Lower Upper

56 100

69 127.5 24.4 36.6#

84 126.8 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 46.054 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081989.D

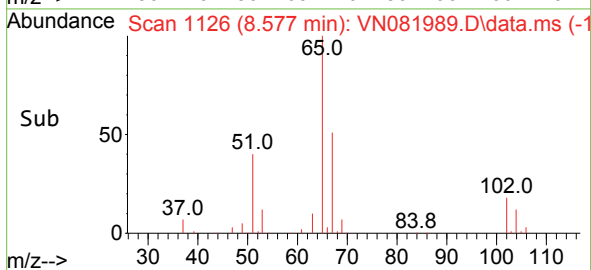
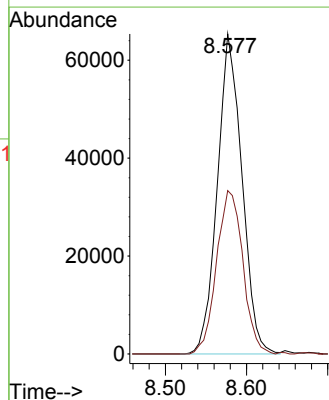
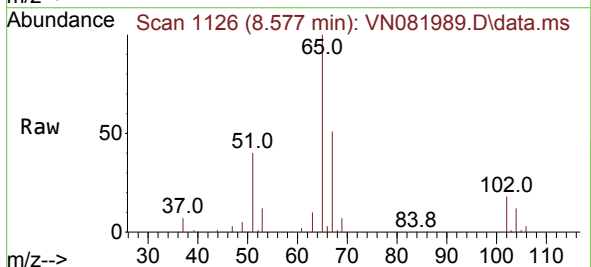
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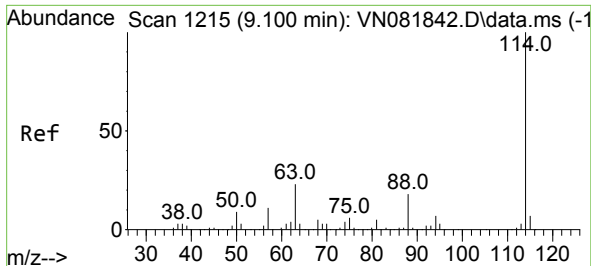
Tgt Ion: 65 Resp: 137714

Ion Ratio Lower Upper

65 100

67 54.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081989.D

Acq: 03 May 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

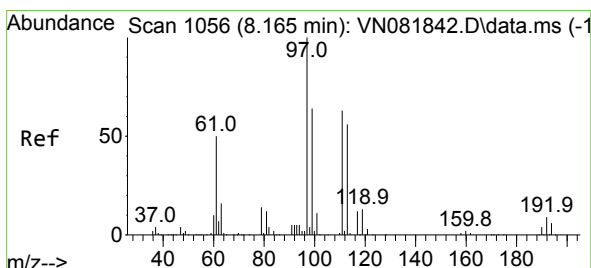
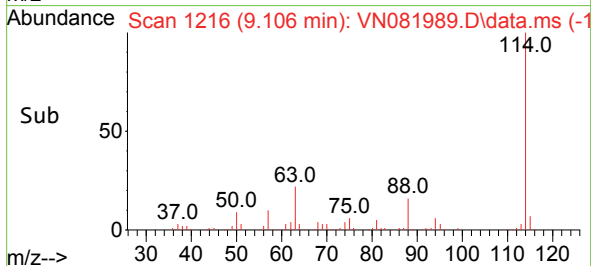
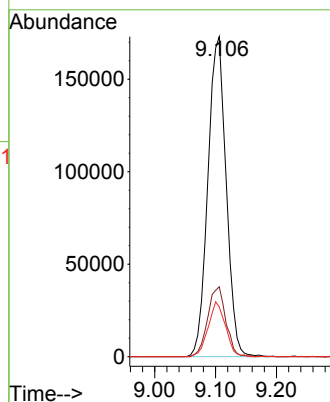
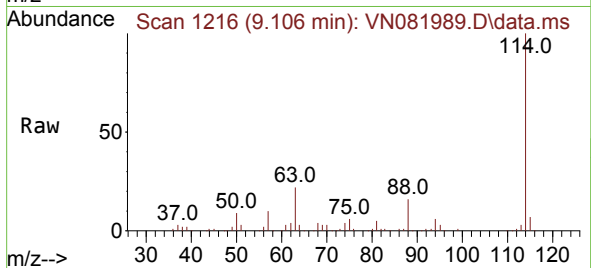
Tgt Ion:114 Resp: 360962

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.043 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081989.D

Acq: 03 May 2024 14:12

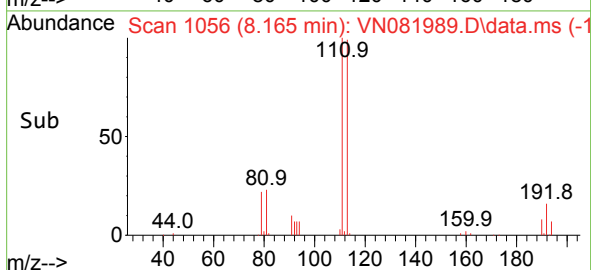
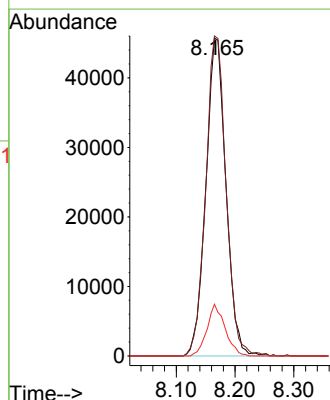
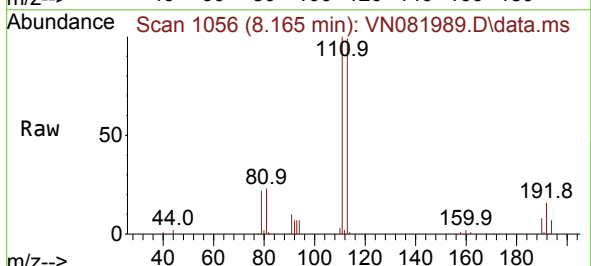
Tgt Ion:113 Resp: 108758

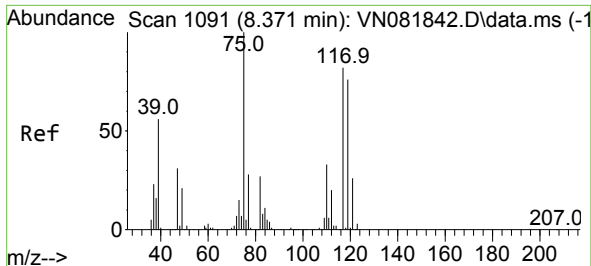
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

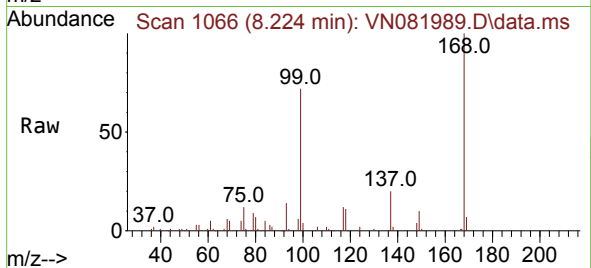
192 14.7 14.0 21.0



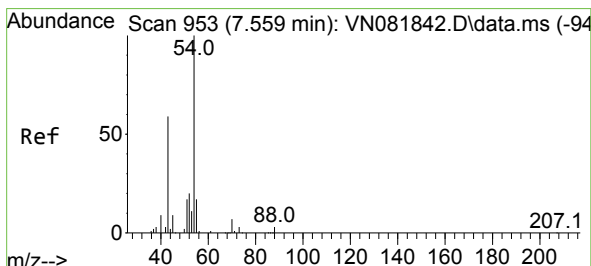
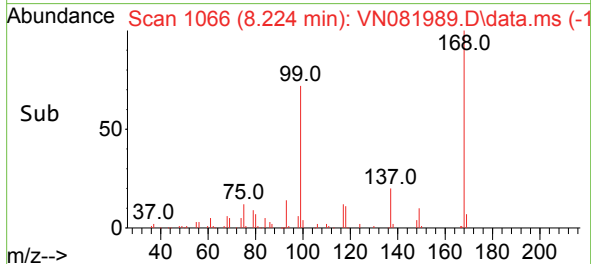
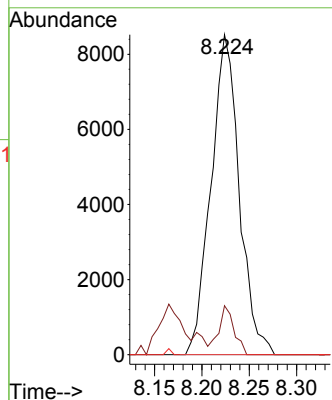


#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

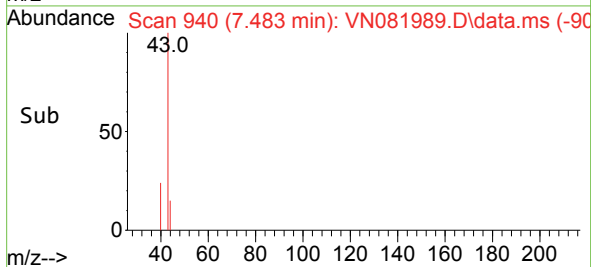
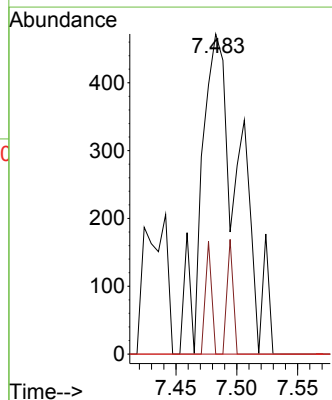
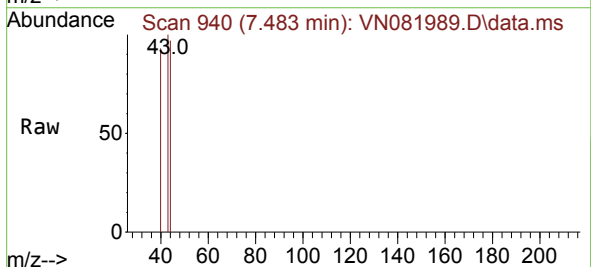


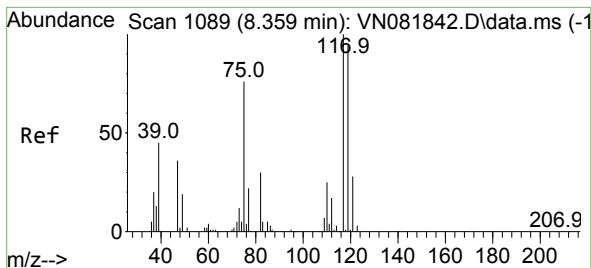
Tgt Ion: 75 Resp: 17683
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.271 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.076 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
61 5.7 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.522 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

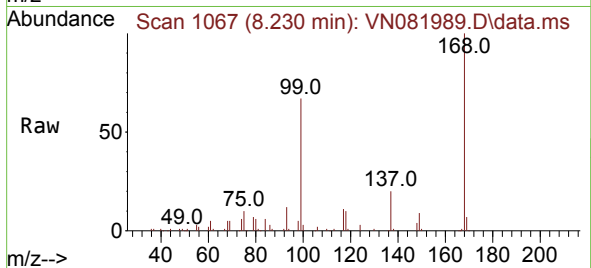
Lab File: VN081989.D

Acq: 03 May 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :



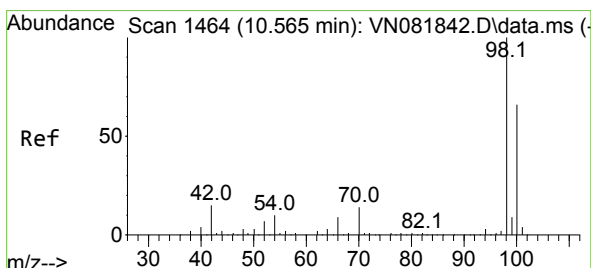
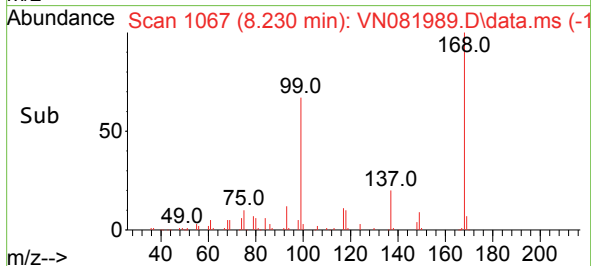
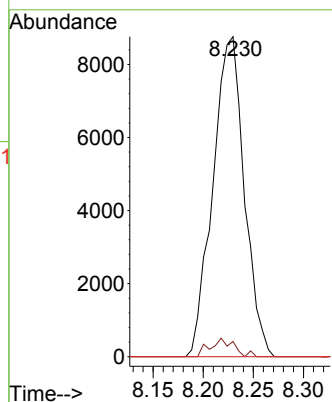
Tgt Ion:117 Resp: 19081

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 52.611 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081989.D

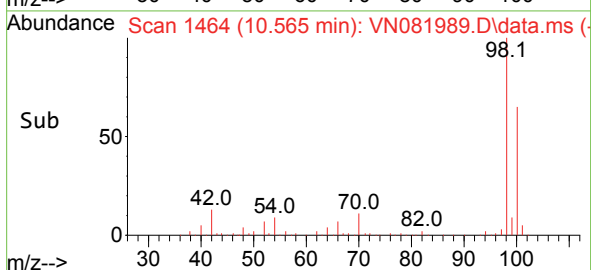
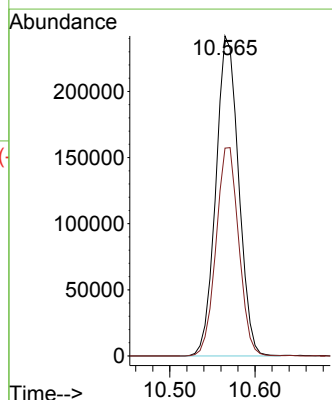
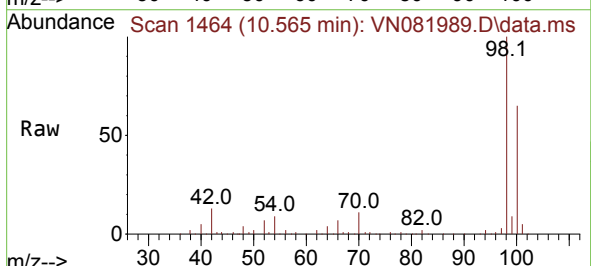
Acq: 03 May 2024 14:12

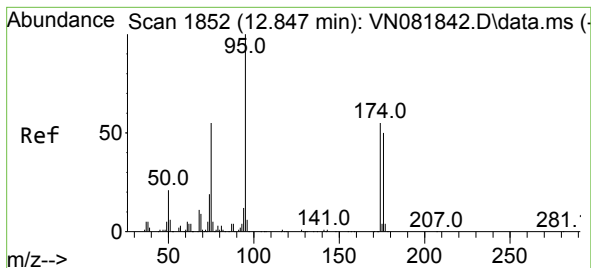
Tgt Ion: 98 Resp: 449058

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

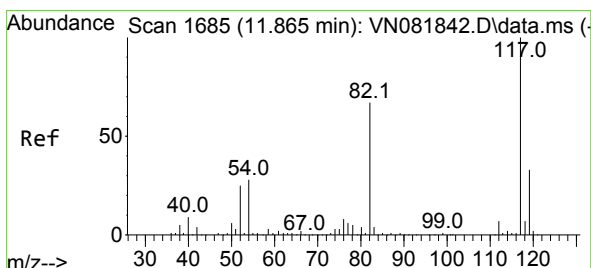
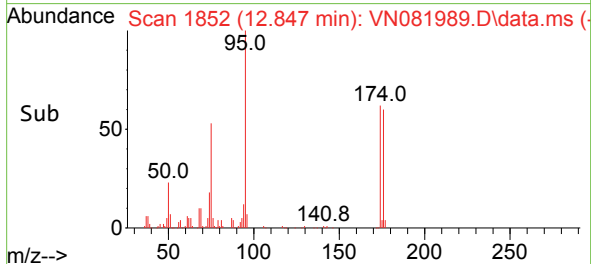
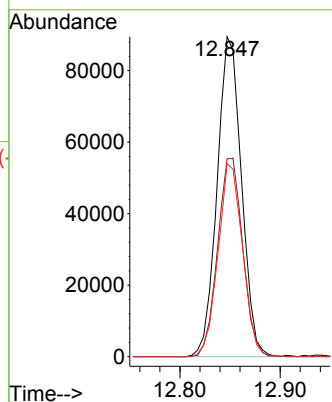
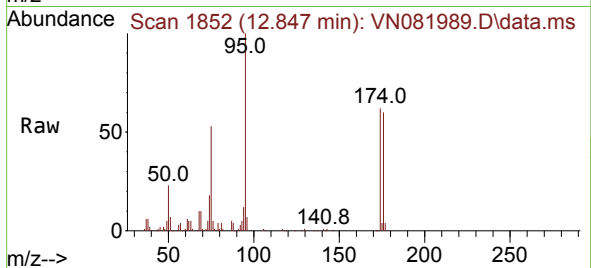




#62
4-Bromofluorobenzene
Concen: 44.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

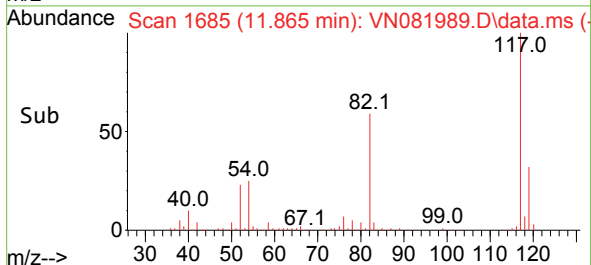
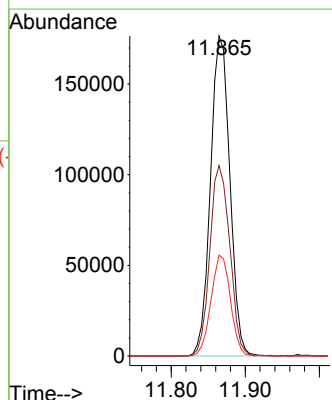
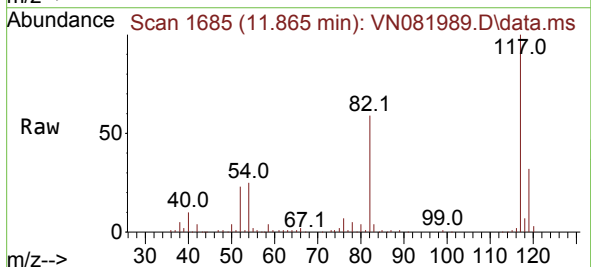
Instrument :
MSVOA_N
ClientSampleId :

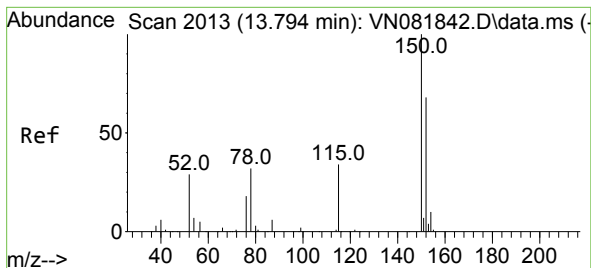
Tgt Ion: 95 Resp: 150952
Ion Ratio Lower Upper
95 100
174 63.8 0.0 160.6
176 60.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

Tgt Ion: 117 Resp: 320450
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 31.6 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: VN081989.D

Acq: 03 May 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

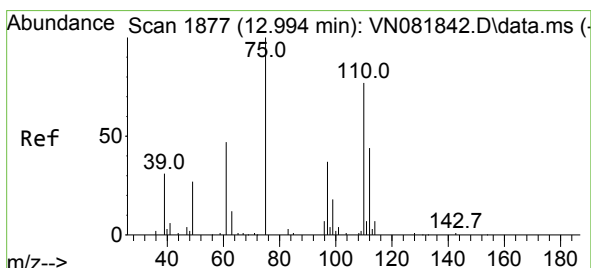
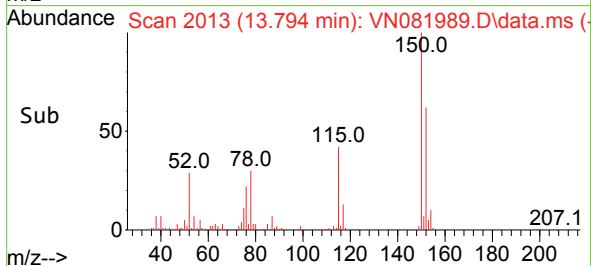
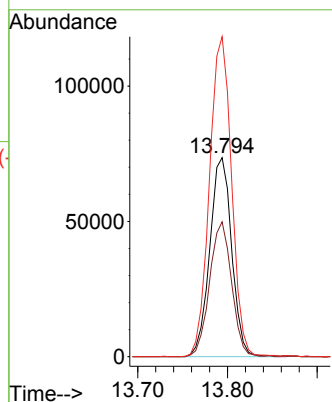
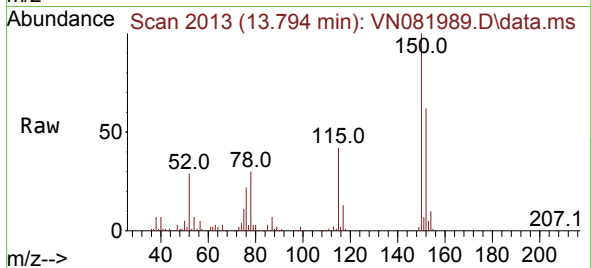
Tgt Ion:152 Resp: 124950

Ion Ratio Lower Upper

152 100

115 67.8 30.4 91.3

150 162.0 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 26.703 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081989.D

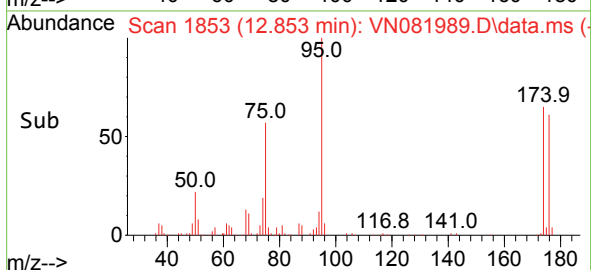
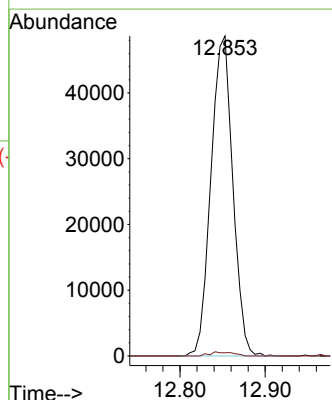
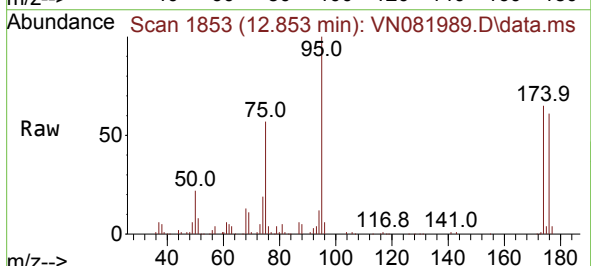
Acq: 03 May 2024 14:12

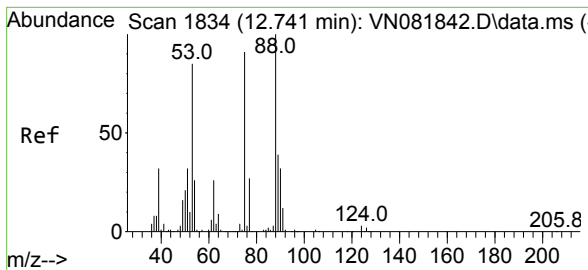
Tgt Ion: 75 Resp: 86508

Ion Ratio Lower Upper

75 100

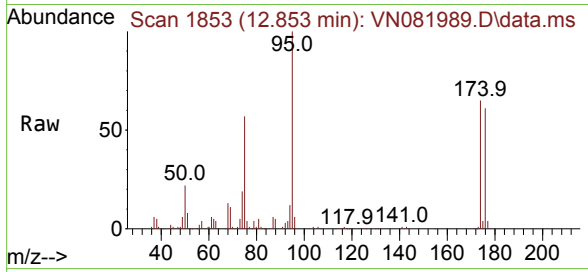
77 1.3 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.717 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081989.D
Acq: 03 May 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.9	109.3#
89	0.3	39.1	58.7#

