

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081993.D
 Acq On : 03 May 2024 15:48
 Operator : JC\MD
 Sample : P2377-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:56:42 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)

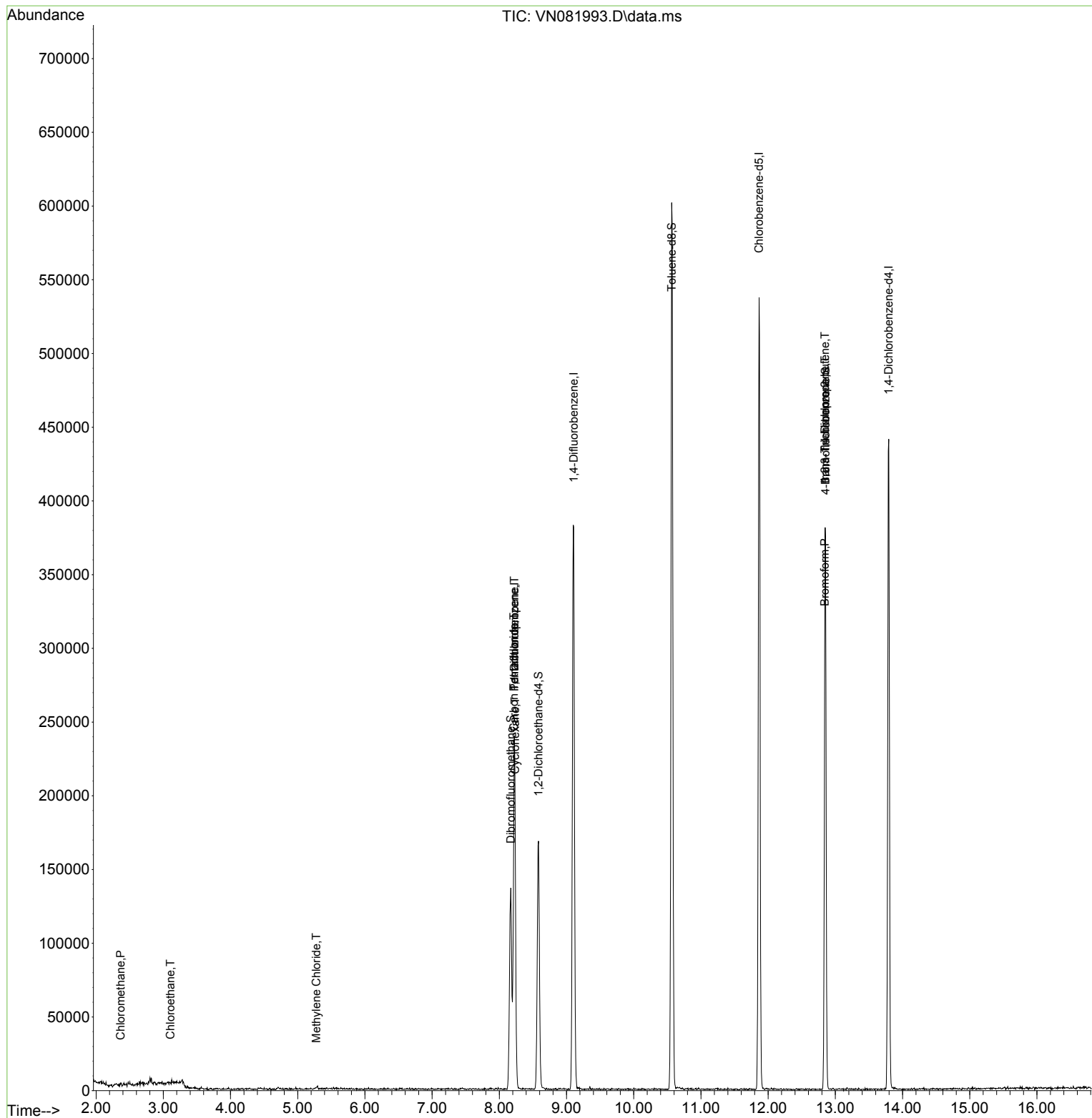
Internal Standards						
1) Pentafluorobenzene	8.224	168	156087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131624	49.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.171	113	96753	48.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.565	98	415553	53.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.853	95	138329	44.846	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	604	0.264	ug/l #	43
5) Bromomethane	2.983	94	191	Below Cal	#	3
6) Chloroethane	3.107	64	403	0.385	ug/l #	44
13) Acrolein	4.177	56	54	Below Cal	#	1
16) Acetone	4.424	43	560	Below Cal	#	88
20) Methylene Chloride	5.277	84	835	0.370	ug/l #	84
31) Cyclohexane	8.236	56	4797	1.209	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	16729	5.176	ug/l #	48
38) Carbon Tetrachloride	8.218	117	17978	5.691	ug/l #	16
71) Bromoform	12.841	173	356	0.220	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76058	26.769	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76058	54.853	ug/l #	12

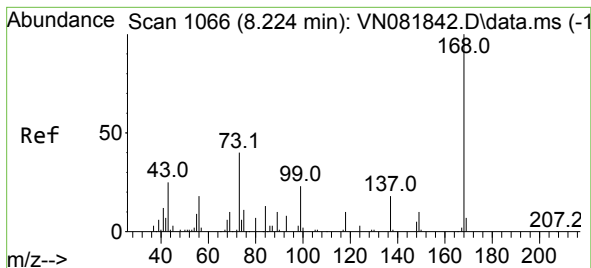
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081993.D

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Instrument :

MSVOA_N

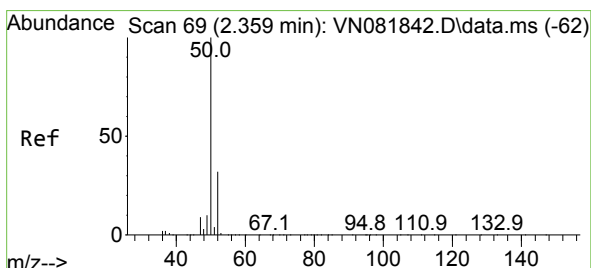
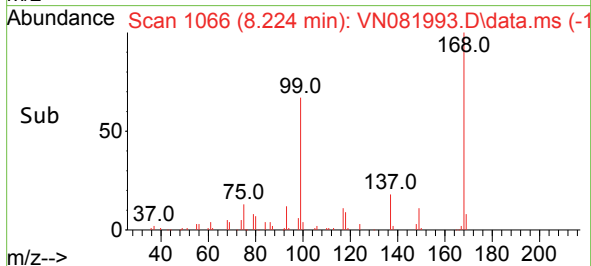
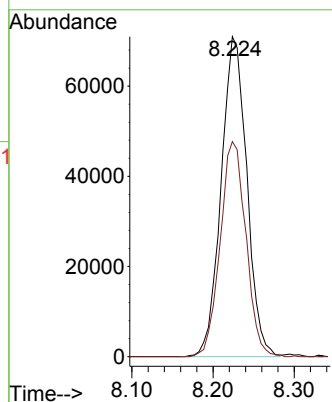
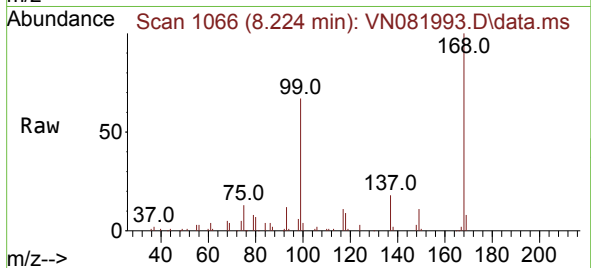
ClientSampleId :

Tgt Ion:168 Resp: 156087

Ion Ratio Lower Upper

168 100

99 67.2 48.2 72.4



#3

Chloromethane

Concen: 0.264 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081993.D

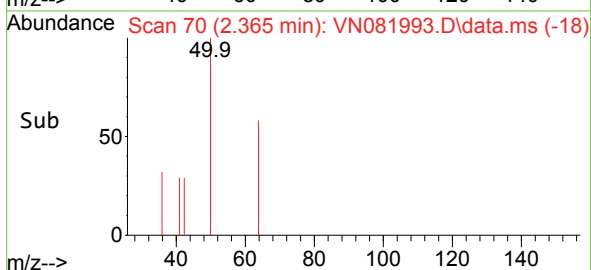
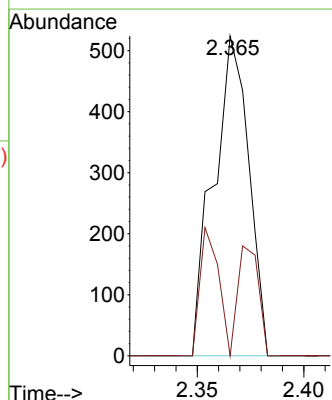
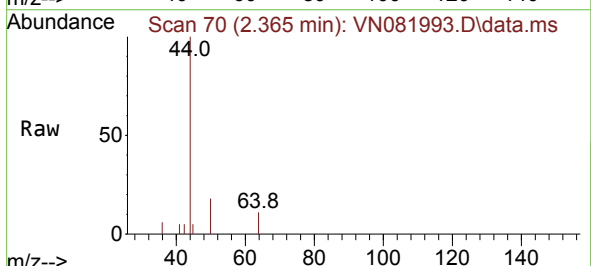
Acq: 03 May 2024 15:48

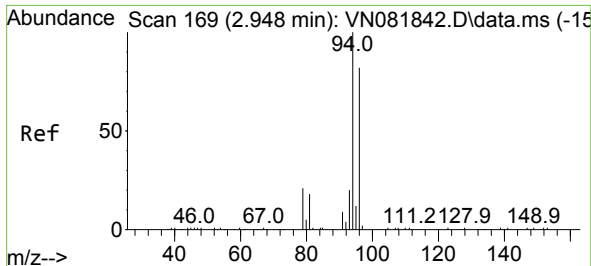
Tgt Ion: 50 Resp: 604

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

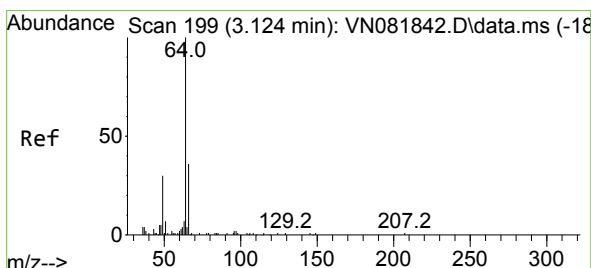
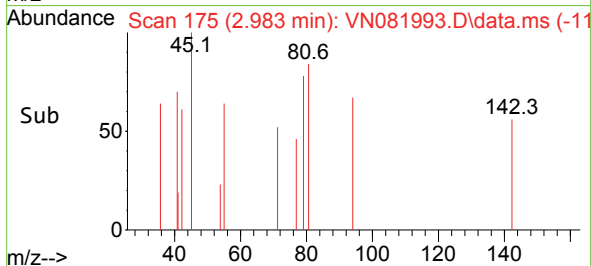
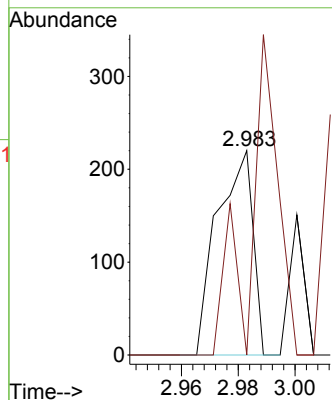
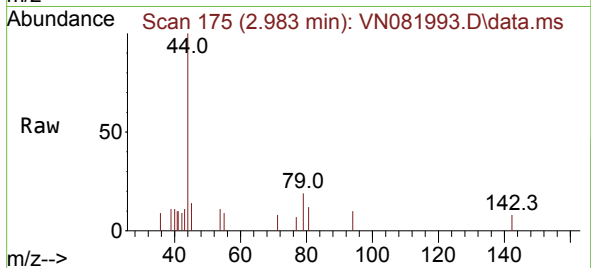




#5
Bromomethane
Concen: Below Cal
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

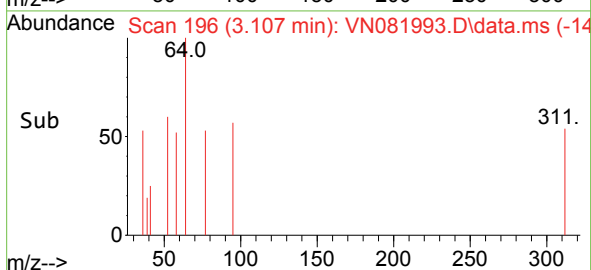
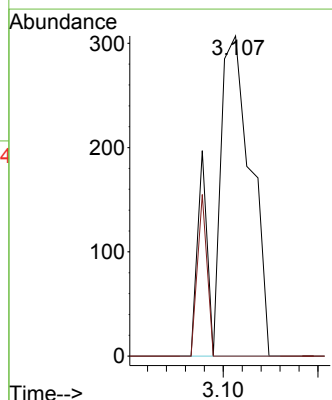
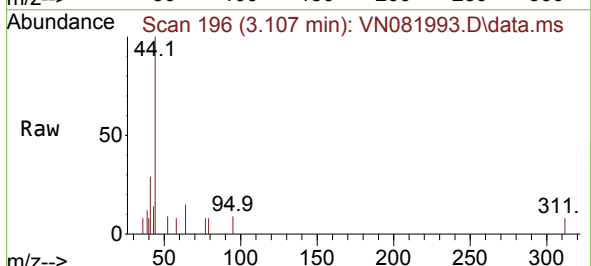
Instrument :
MSVOA_N
ClientSampleId :

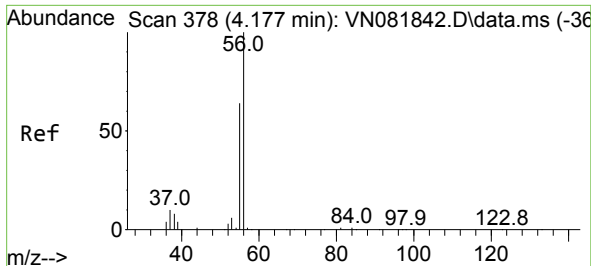
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#6
Chloroethane
Concen: 0.385 ug/l
RT: 3.107 min Scan# 196
Delta R.T. -0.017 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

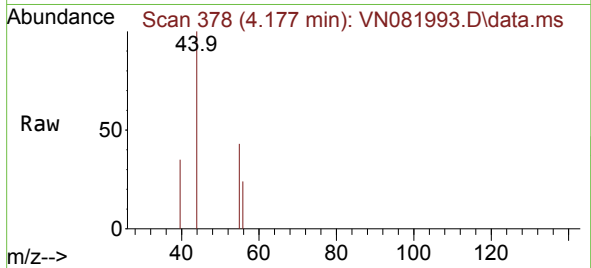
Tgt Ion: 64 Resp: 403
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



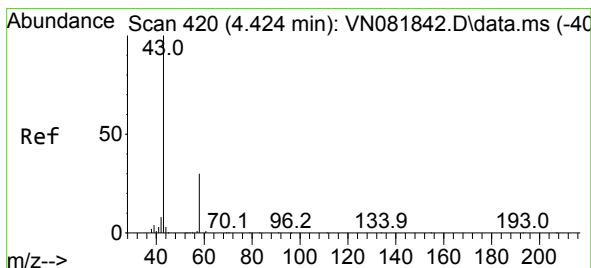
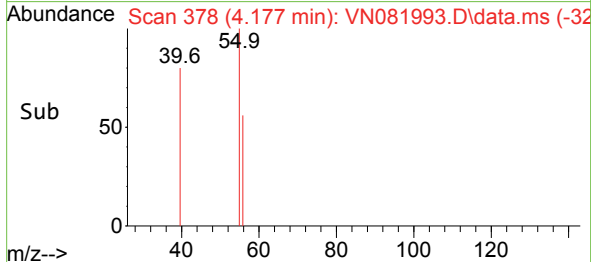
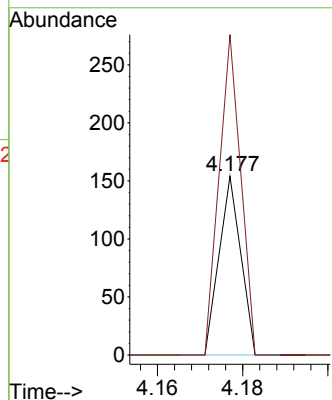


#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

Instrument :
MSVOA_N
ClientSampleId :

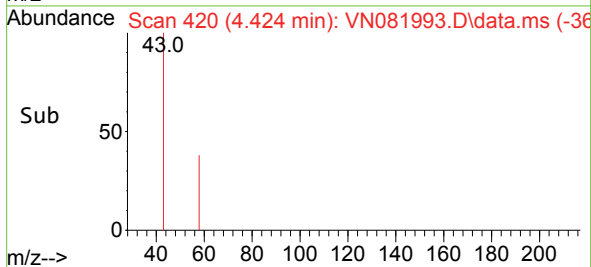
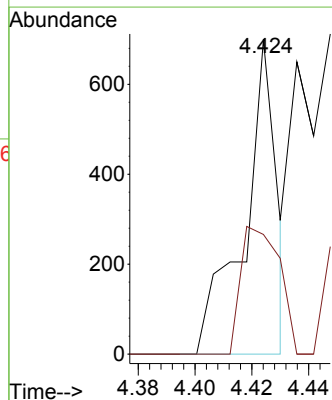
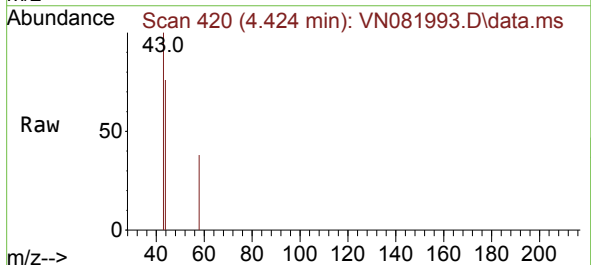


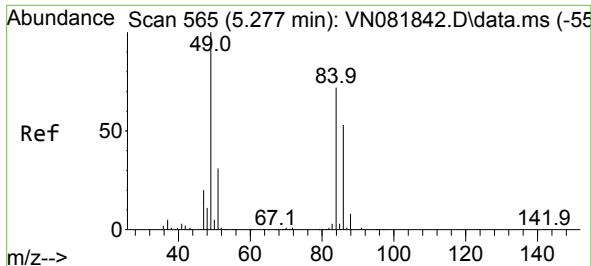
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 179.6 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

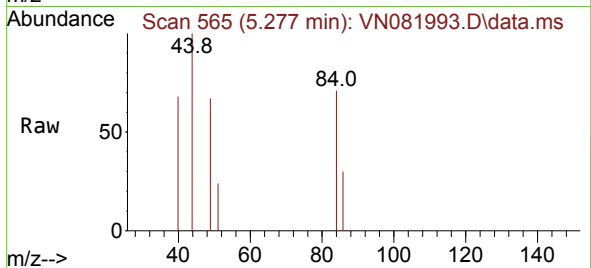
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 38.0 25.2 37.8#



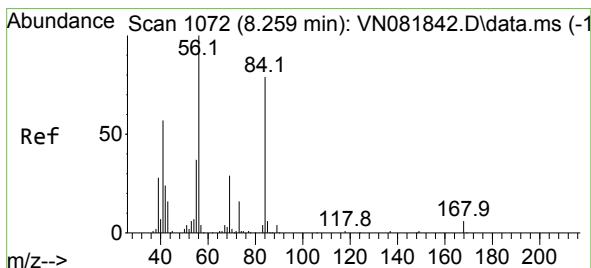
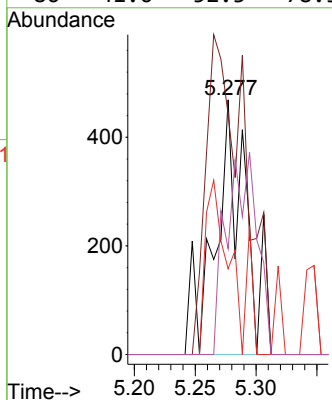
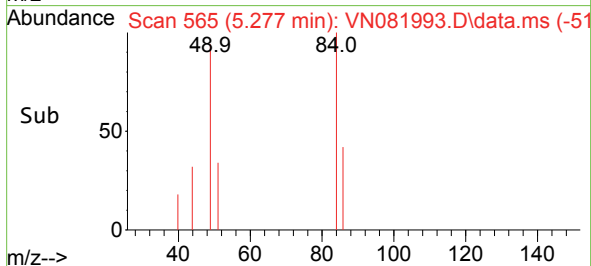


#20
Methylene Chloride
Concen: 0.370 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

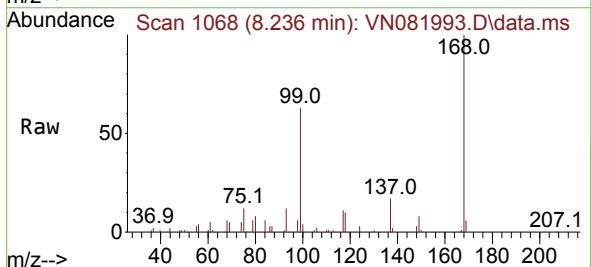
Instrument :
MSVOA_N
ClientSampleId :



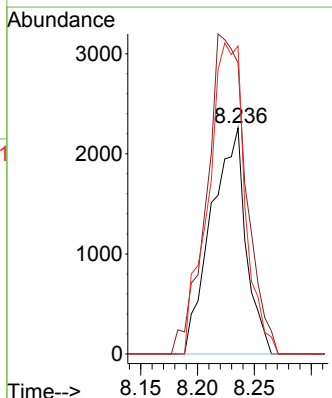
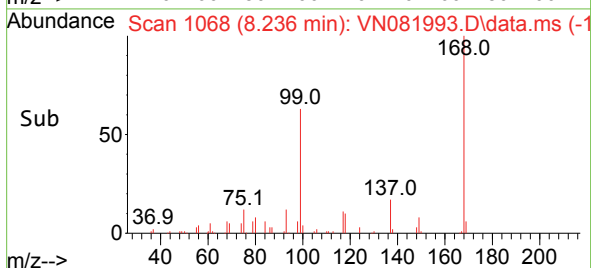
Tgt Ion: 84 Resp: 835
Ion Ratio Lower Upper
84 100
49 94.2 84.9 127.3
51 33.7 27.0 40.6
86 41.6 52.3 78.5#

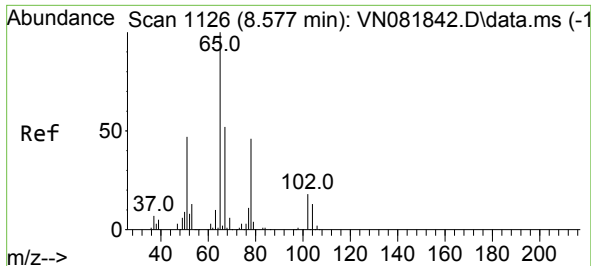


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48



Tgt Ion: 56 Resp: 4797
Ion Ratio Lower Upper
56 100
69 128.7 24.4 36.6#
84 136.2 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 49.965 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081993.D

Acq: 03 May 2024 15:48

Instrument :

MSVOA_N

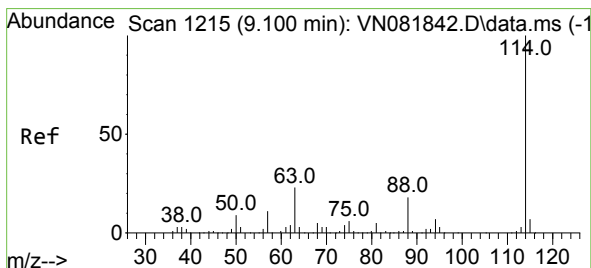
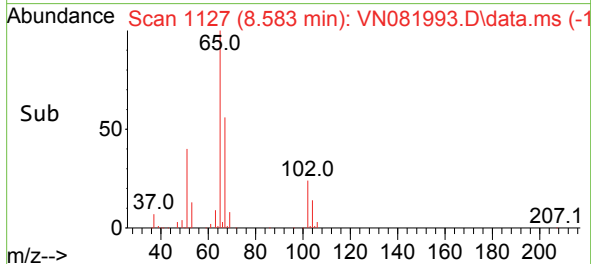
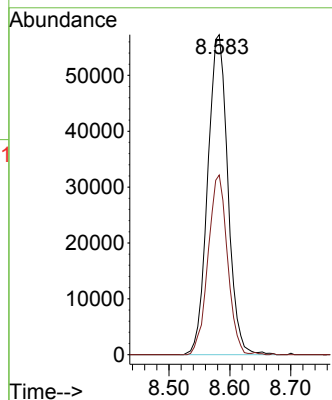
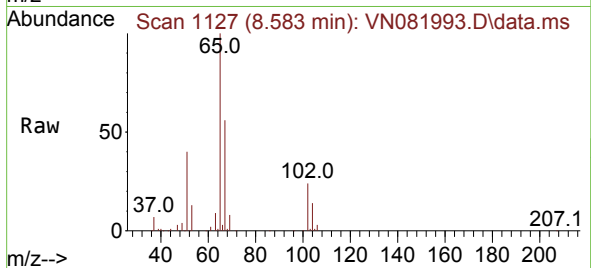
ClientSampleId :

Tgt Ion: 65 Resp: 131624

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081993.D

Acq: 03 May 2024 15:48

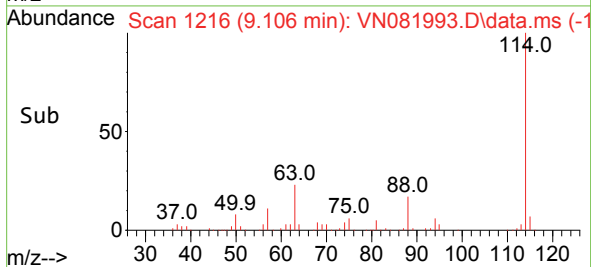
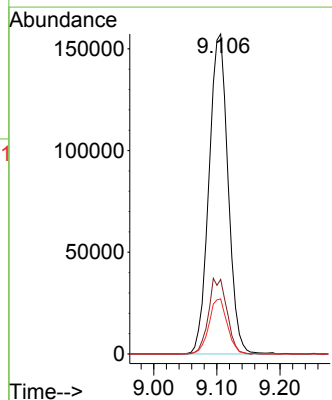
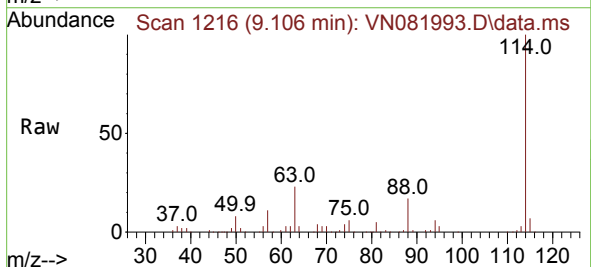
Tgt Ion: 114 Resp: 329983

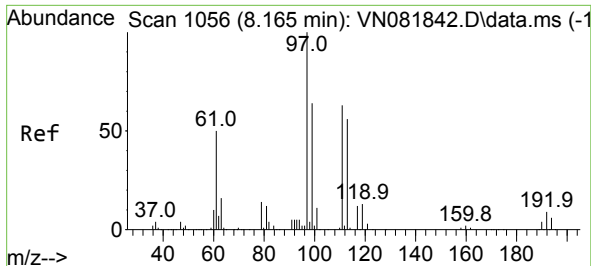
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 17.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.698 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

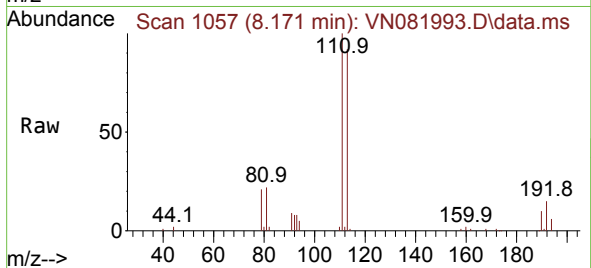
Lab File: VN081993.D

Acq: 03 May 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :



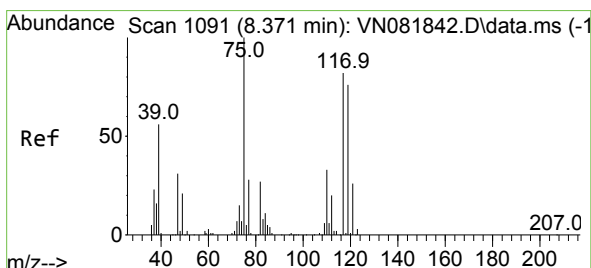
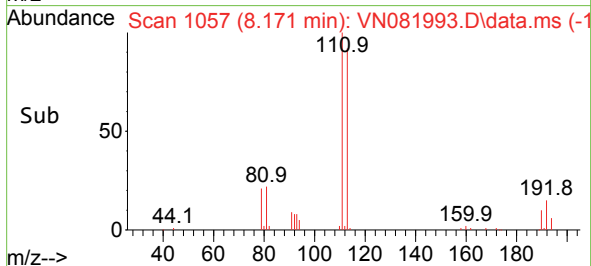
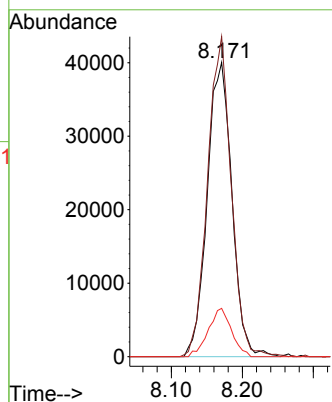
Tgt Ion:113 Resp: 96753

Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.2

192 15.4 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.176 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081993.D

Acq: 03 May 2024 15:48

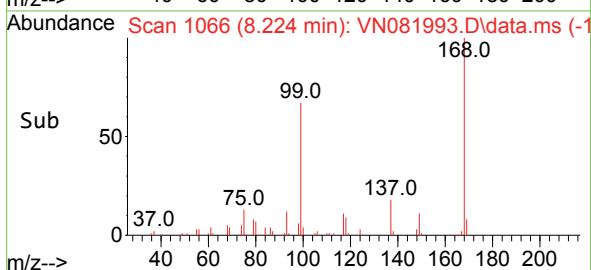
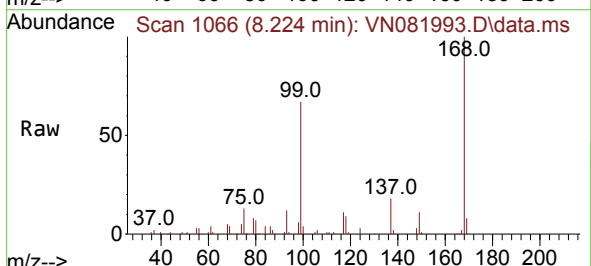
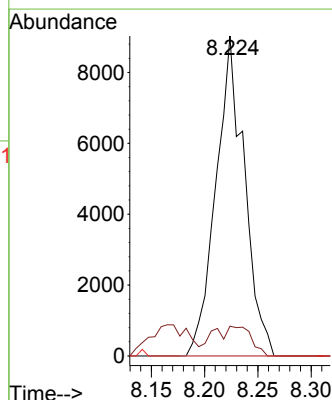
Tgt Ion: 75 Resp: 16729

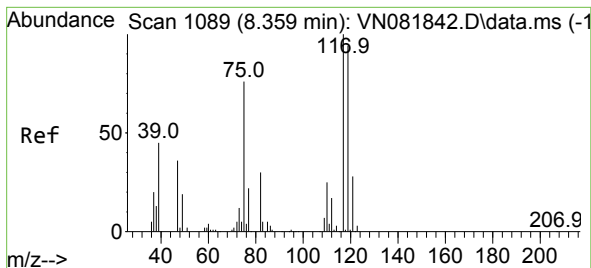
Ion Ratio Lower Upper

75 100

110 7.6 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.691 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

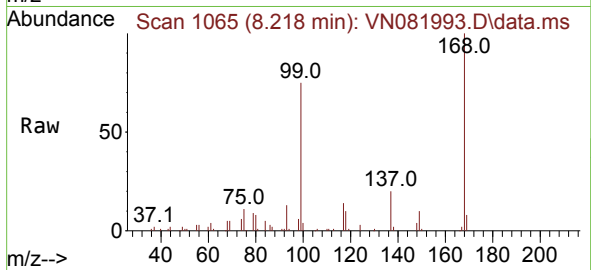
Lab File: VN081993.D

Acq: 03 May 2024 15:48

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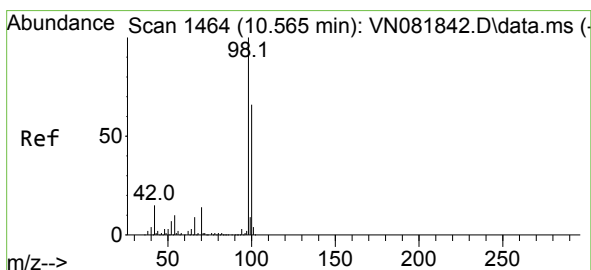
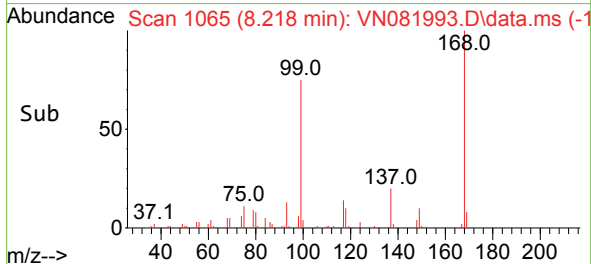
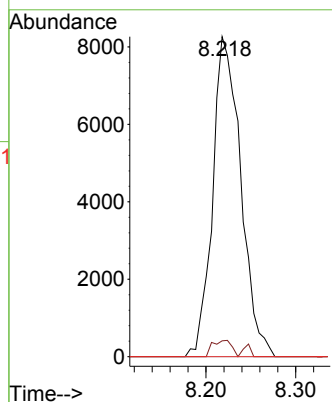
Tgt Ion:117 Resp: 17978

Ion Ratio Lower Upper

117 100

119 4.9 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 53.256 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081993.D

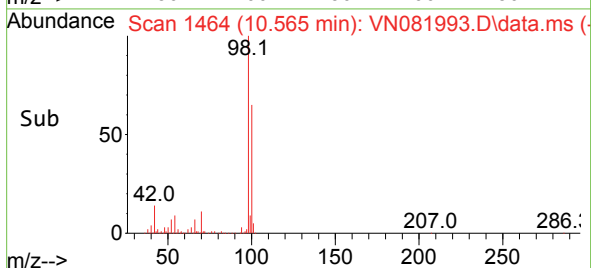
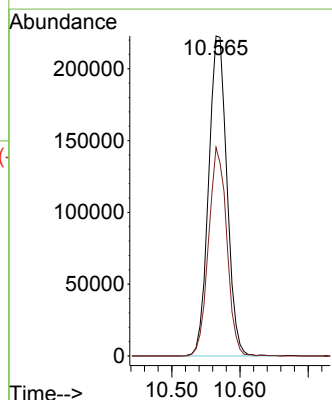
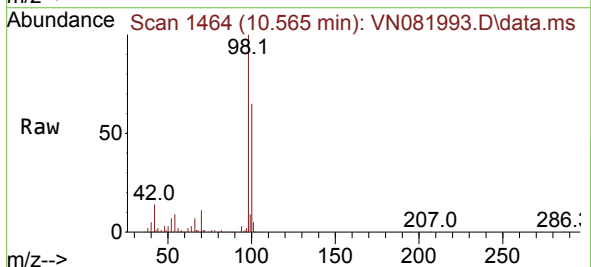
Acq: 03 May 2024 15:48

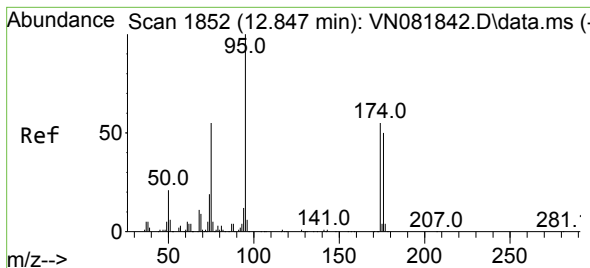
Tgt Ion: 98 Resp: 415553

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

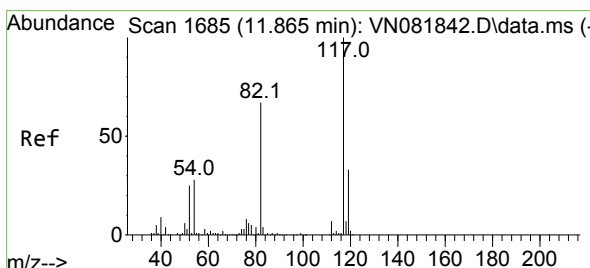
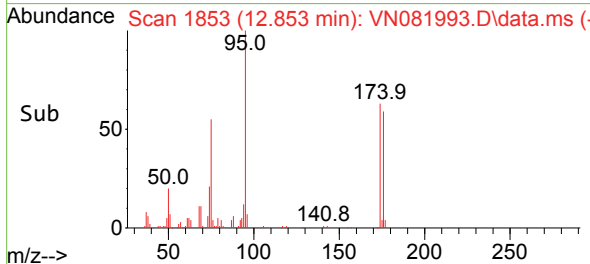
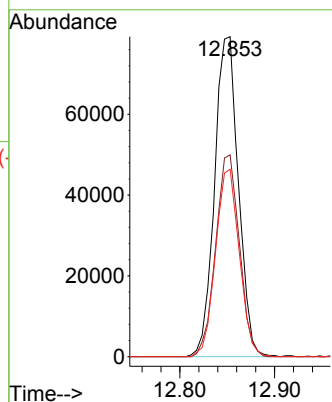
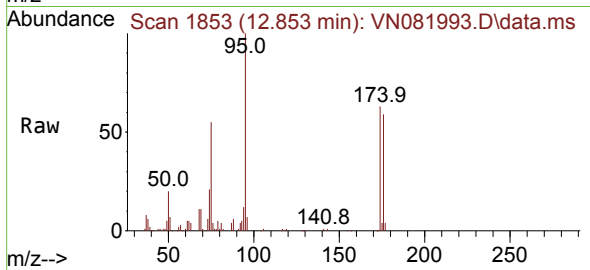




#62
4-Bromofluorobenzene
Concen: 44.846 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

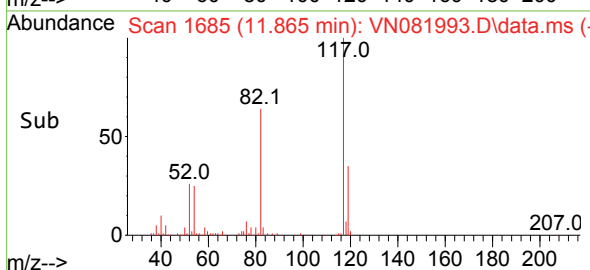
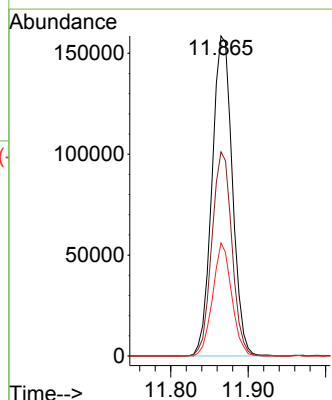
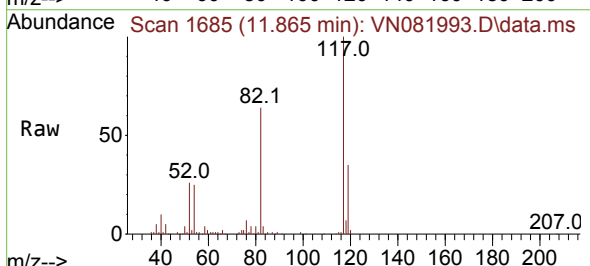
Instrument :
MSVOA_N
ClientSampleId :

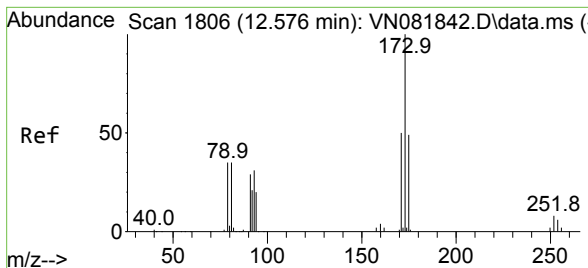
Tgt Ion: 95 Resp: 138329
Ion Ratio Lower Upper
95 100
174 62.8 0.0 160.6
176 58.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

Tgt Ion: 117 Resp: 290078
Ion Ratio Lower Upper
117 100
82 63.8 44.6 66.8
119 35.3 25.9 38.9





#71

Bromoform

Concen: 0.220 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

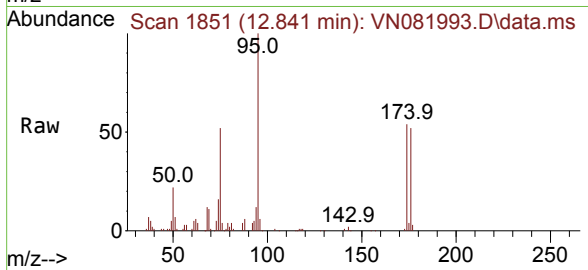
Lab File: VN081993.D

Acq: 03 May 2024 15:48

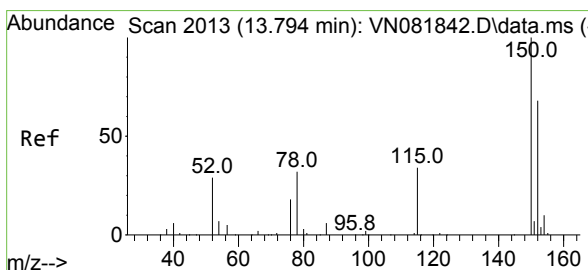
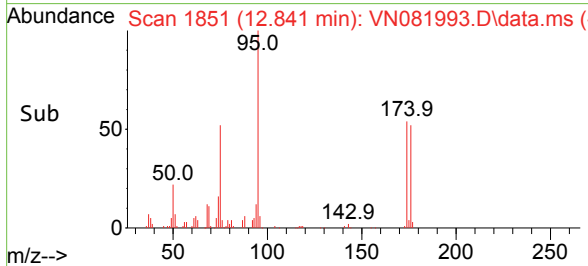
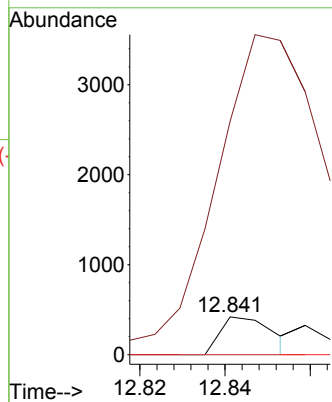
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	356
Ion Ratio	Lower	Upper	
173	100		
175	1184.3	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

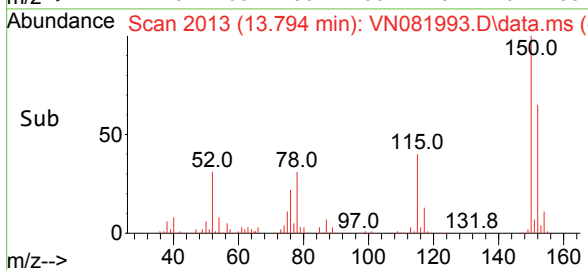
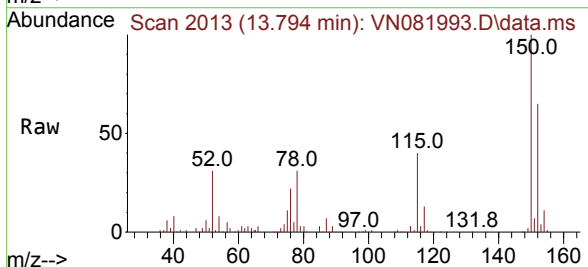
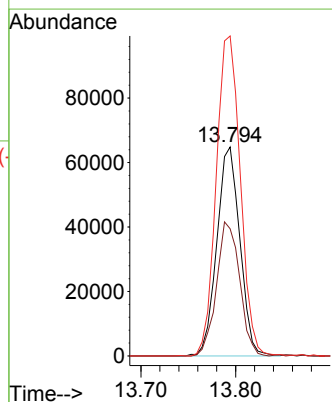
RT: 13.794 min Scan# 2013

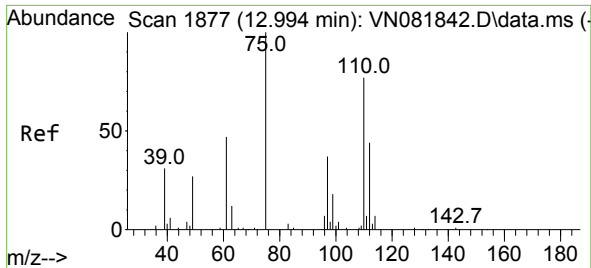
Delta R.T. 0.000 min

Lab File: VN081993.D

Acq: 03 May 2024 15:48

Tgt Ion:	152	Resp:	109584
Ion Ratio	Lower	Upper	
152	100		
115	64.2	30.4	91.3
150	160.2	0.0	353.2

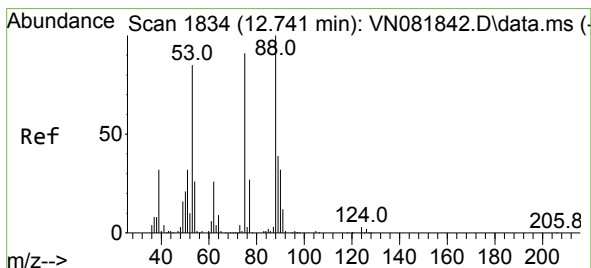
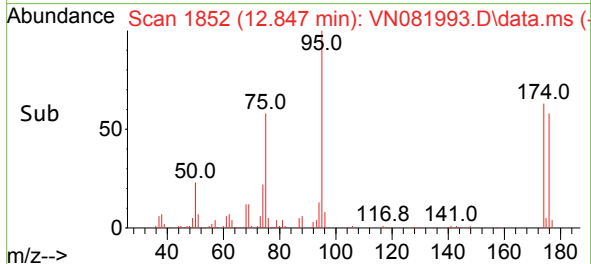
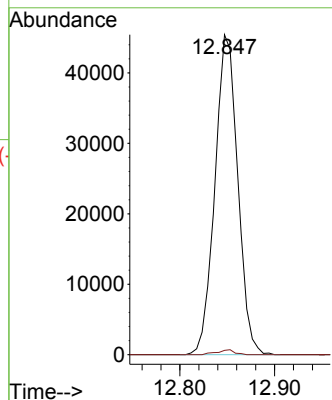
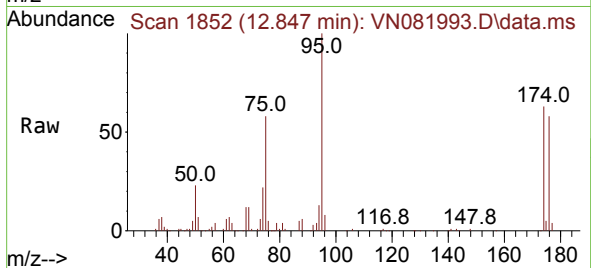




#76
1,2,3-Trichloropropane
Concen: 26.769 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 76058
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.853 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

Tgt Ion: 75 Resp: 76058
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#

