

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081275.D
 Acq On : 01 Mar 2024 10:50
 Operator : JC\MD
 Sample : VN0301WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBL01

Quant Time: Mar 01 22:13:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

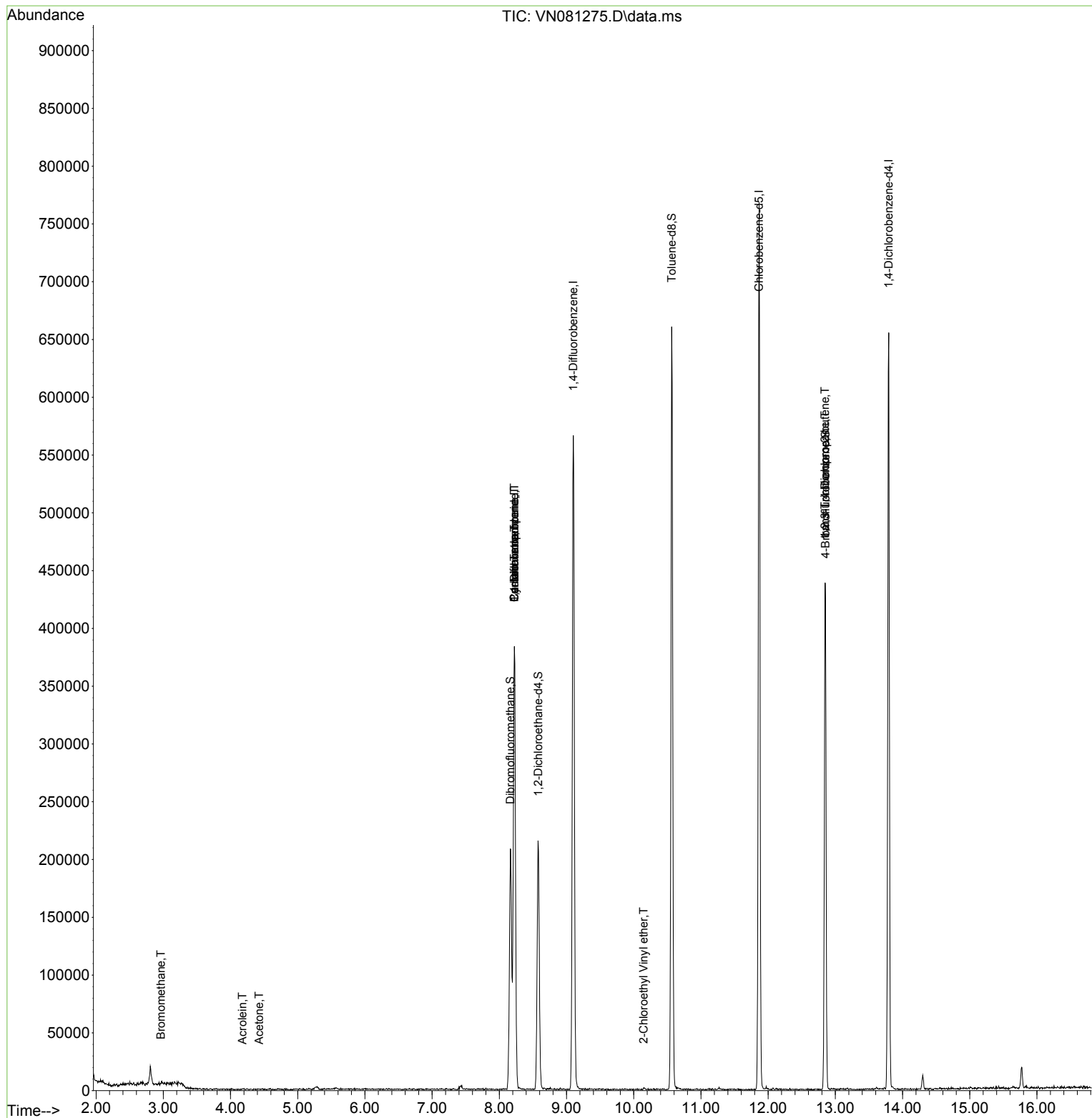
Internal Standards						
1) Pentafluorobenzene	8.224	168	260547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	495561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	420264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173028	54.180	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.360%	
35) Dibromofluoromethane	8.165	113	145813	52.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	10.565	98	440197	44.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.460%	
62) 4-Bromofluorobenzene	12.853	95	152317	40.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 81.460%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	720	Below Cal	#	43
5) Bromomethane	2.965	94	695	0.261	ug/l #	43
6) Chloroethane	3.059	64	62	Below Cal	#	42
13) Acrolein	4.177	56	224	0.712	ug/l #	14
16) Acetone	4.424	43	290	0.231	ug/l #	44
20) Methylene Chloride	5.289	84	959	Below Cal	#	79
31) Cyclohexane	8.224	56	7383	1.339	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	23727	4.942	ug/l #	51
38) Carbon Tetrachloride	8.224	117	30072	6.191	ug/l #	19
58) 2-Chloroethyl Vinyl ether	10.147	63	915	0.353	ug/l #	72
76) 1,2,3-Trichloropropane	12.847	75	82958	21.856	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82958	56.256	ug/l #	14

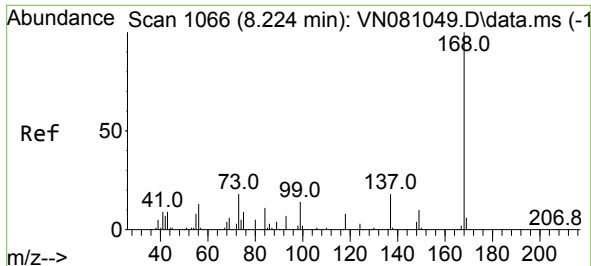
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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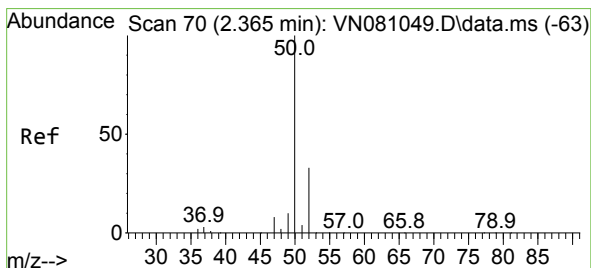
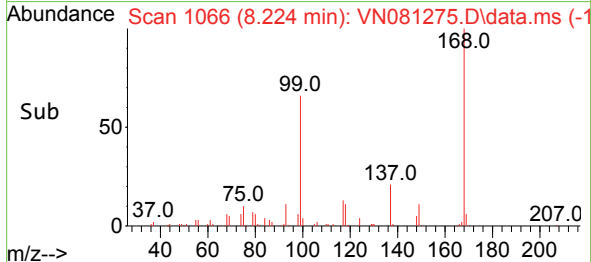
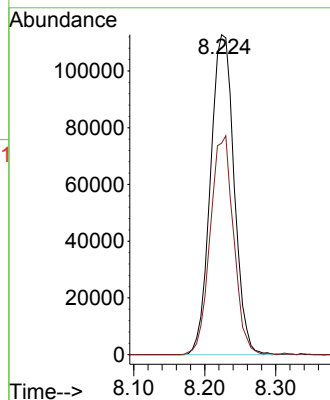
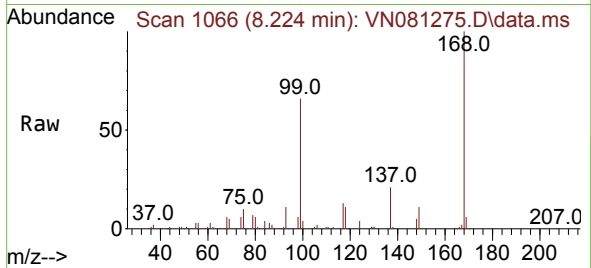




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

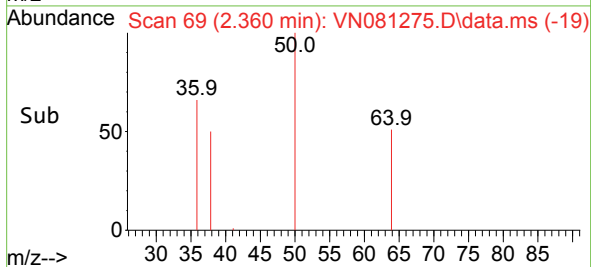
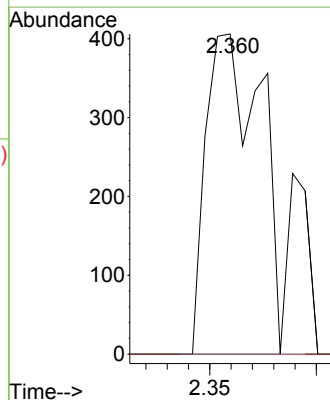
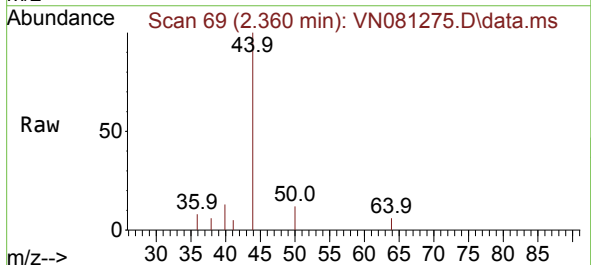
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

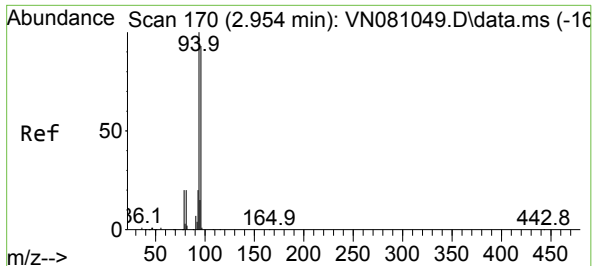
Tgt Ion:168 Resp: 260547
Ion Ratio Lower Upper
168 100
99 66.1 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

Tgt Ion: 50 Resp: 720
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

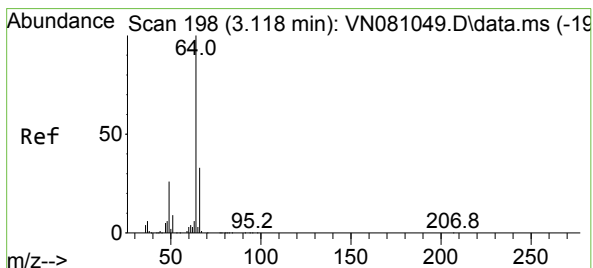
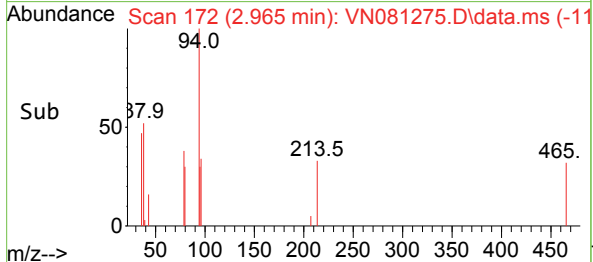
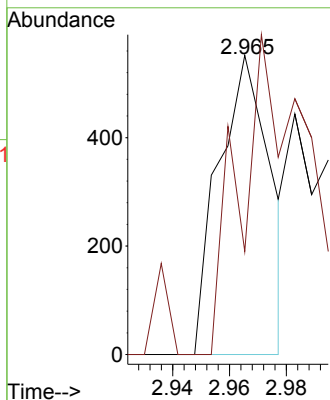
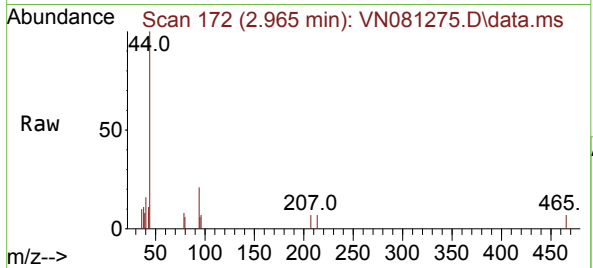




#5
Bromomethane
Concen: 0.261 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

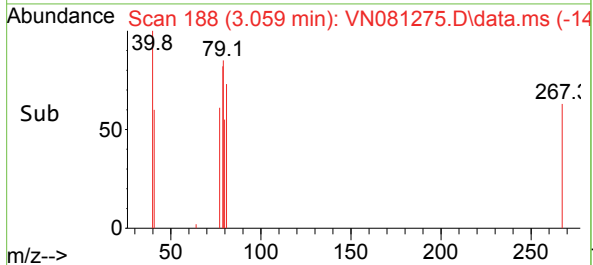
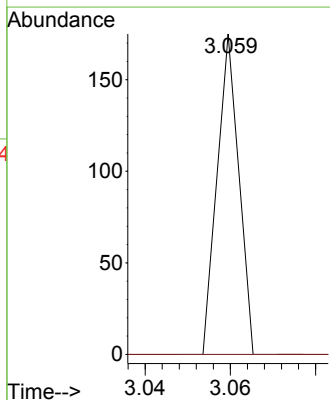
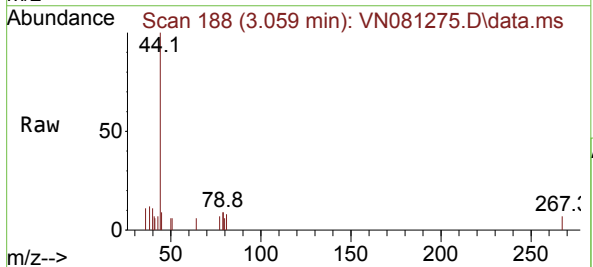
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

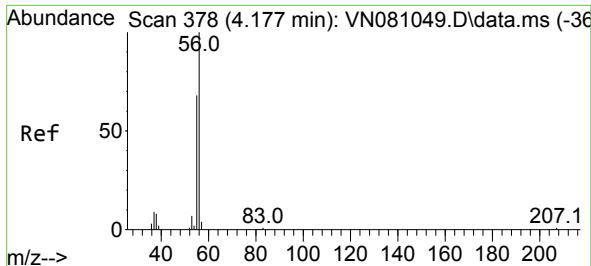
Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 34.4 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.059 min Scan# 188
Delta R.T. -0.059 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

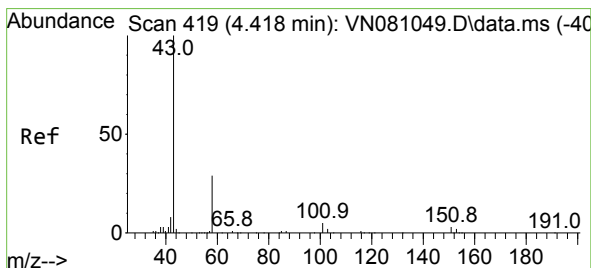
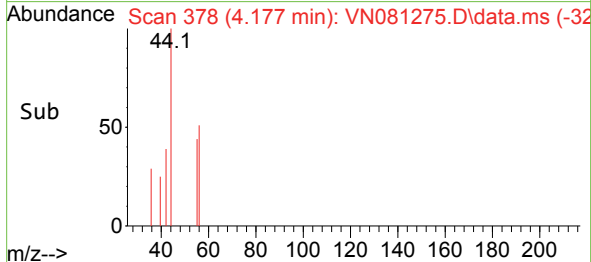
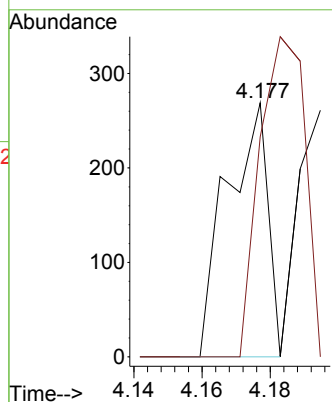
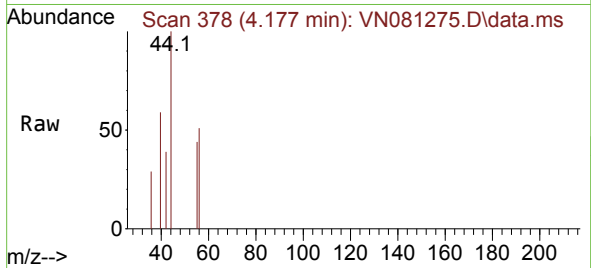




#13
Acrolein
Concen: 0.712 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

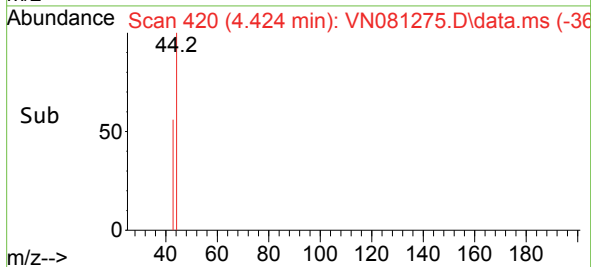
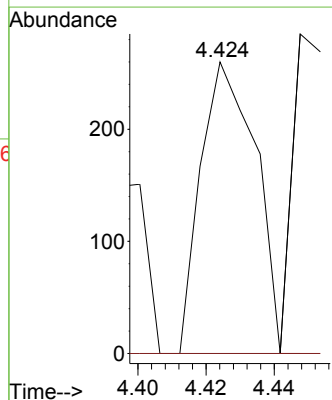
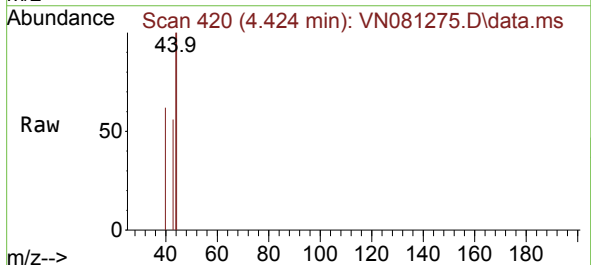
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

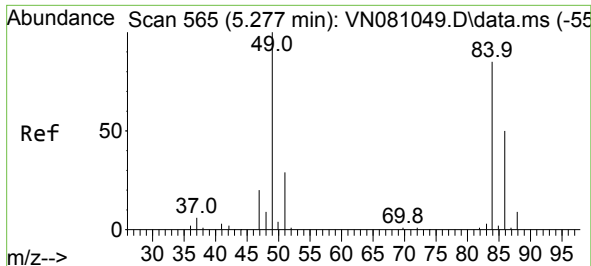
Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 139.3 55.3 82.9#



#16
Acetone
Concen: 0.231 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

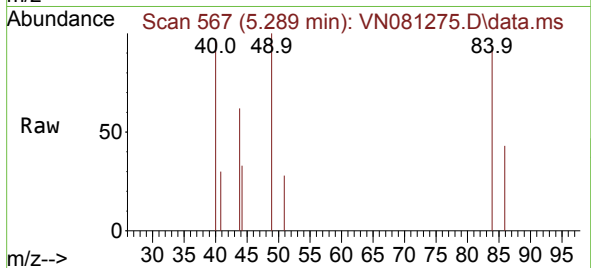
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



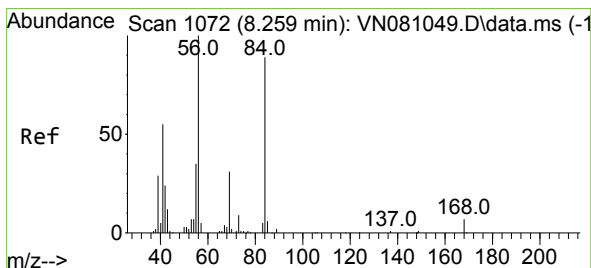
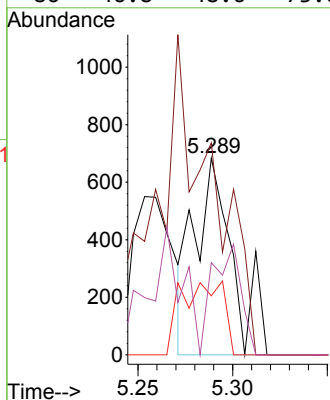
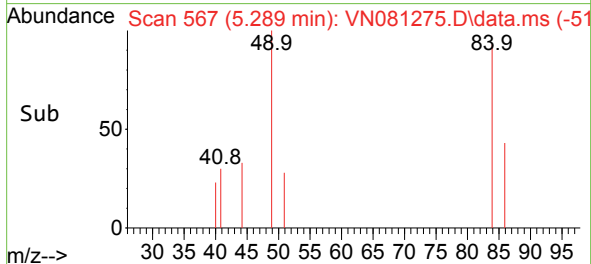


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

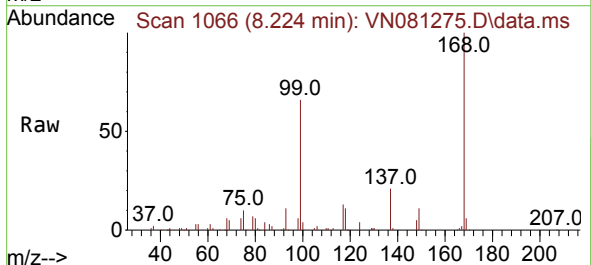
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01



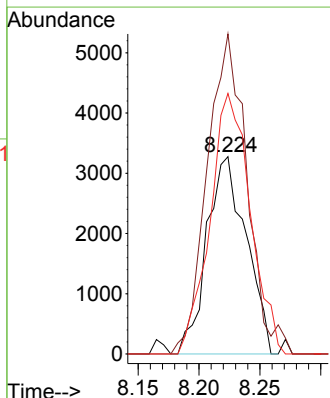
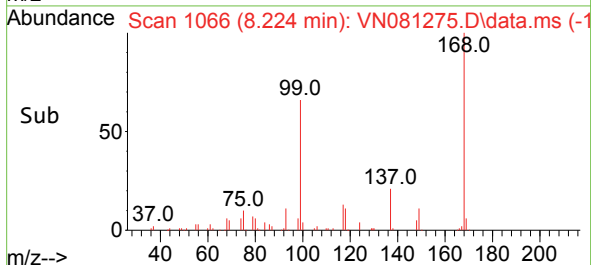
Tgt Ion:	84	Resp:	959
Ion	Ratio	Lower	Upper
84	100		
49	107.7	108.1	162.1#
51	30.0	32.9	49.3#
86	46.8	48.6	73.0#

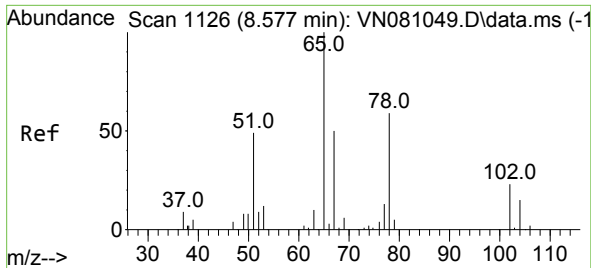


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50



Tgt Ion:	56	Resp:	7383
Ion	Ratio	Lower	Upper
56	100		
69	156.6	20.1	30.1#
84	132.0	56.9	85.3#

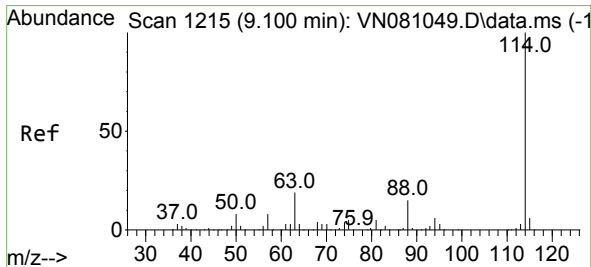
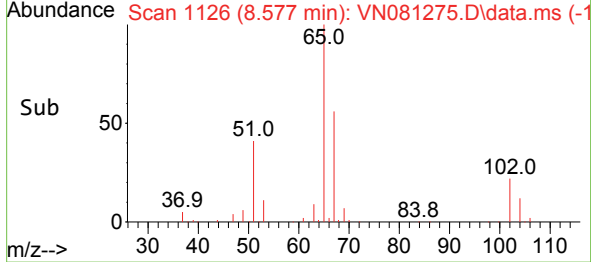
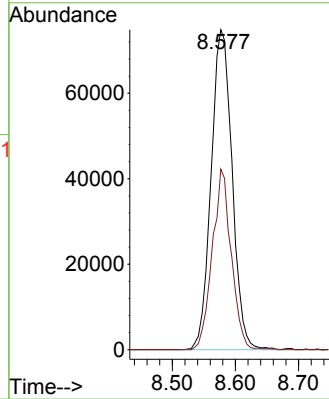
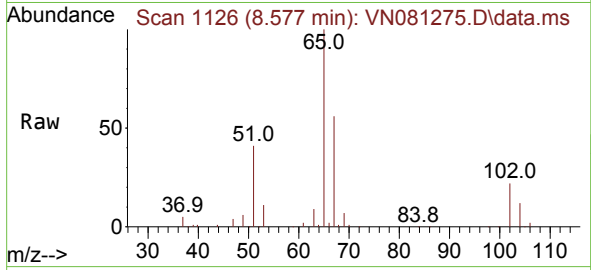




#33
 1,2-Dichloroethane-d4
 Concen: 54.180 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081275.D
 Acq: 01 Mar 2024 10:50

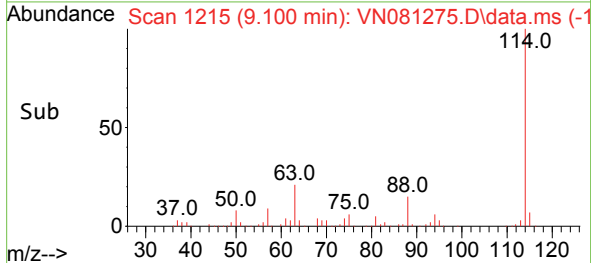
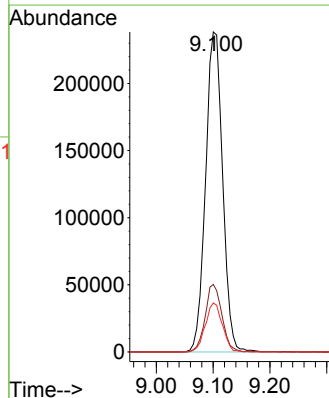
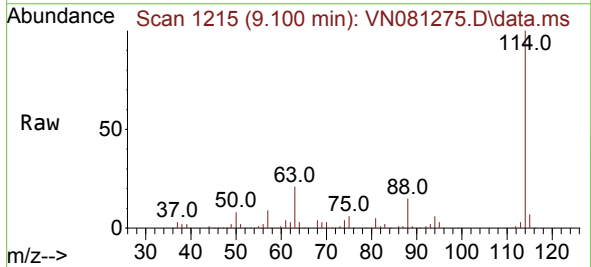
Instrument :
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 VN0301WBL01

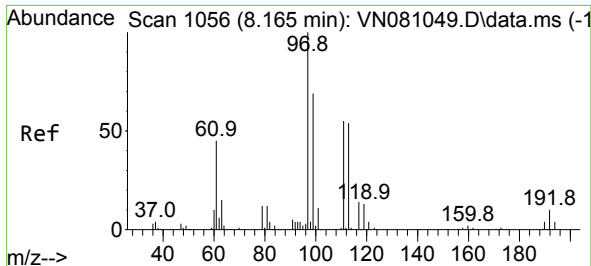
Tgt Ion: 65 Resp: 173028
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN081275.D
 Acq: 01 Mar 2024 10:50

Tgt Ion: 114 Resp: 495561
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 48.0
 88 15.3 0.0 34.8

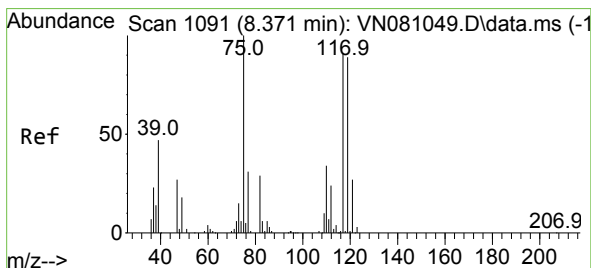
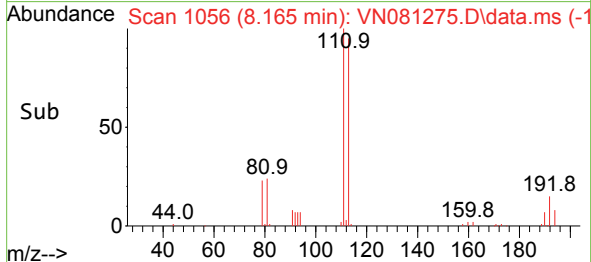
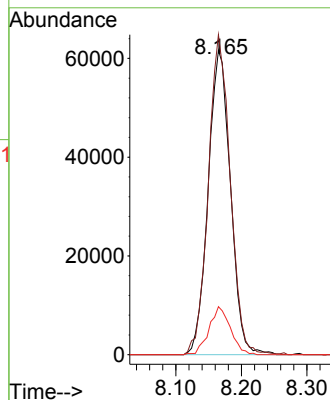
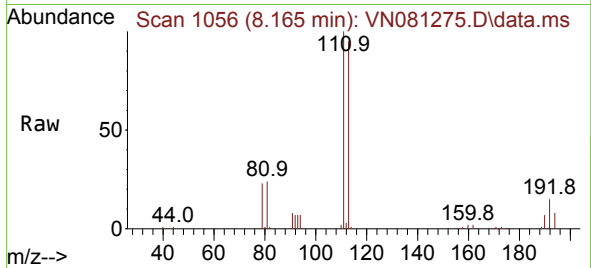




#35
Dibromofluoromethane
Concen: 52.034 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

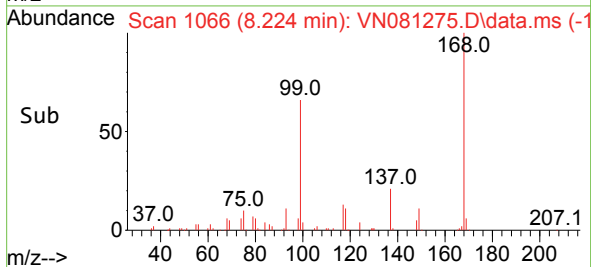
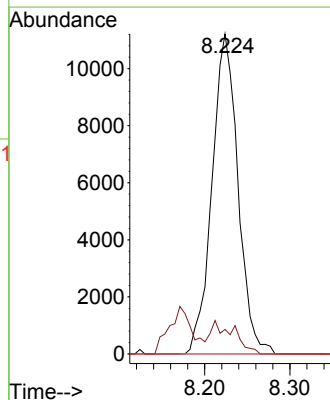
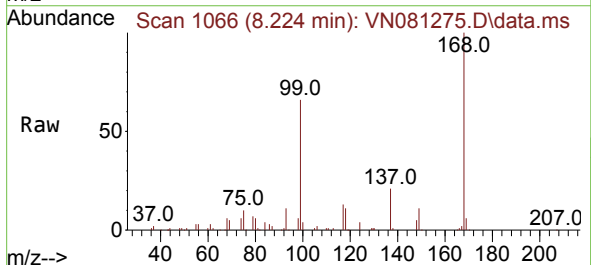
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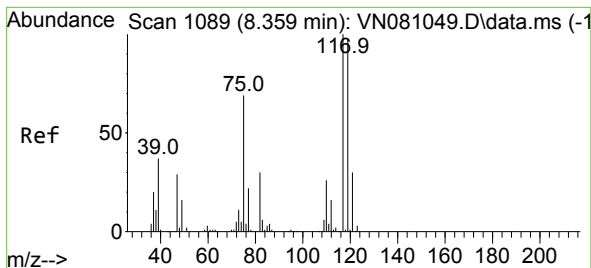
Tgt Ion:113 Resp: 145813
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 15.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

Tgt Ion: 75 Resp: 23727
Ion Ratio Lower Upper
75 100
110 9.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.191 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081275.D

Acq: 01 Mar 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBL01

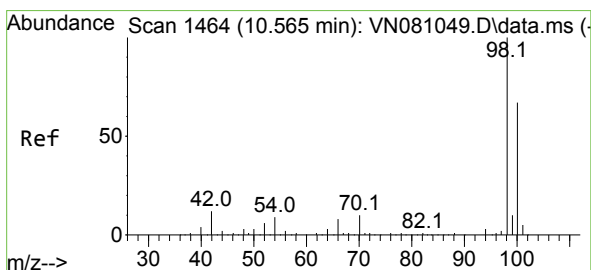
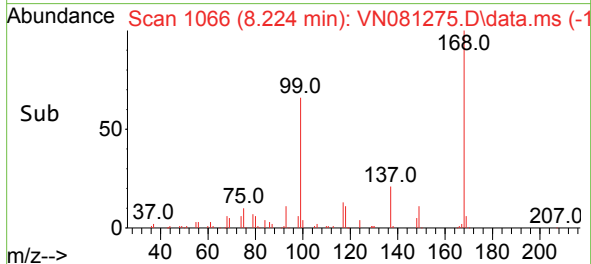
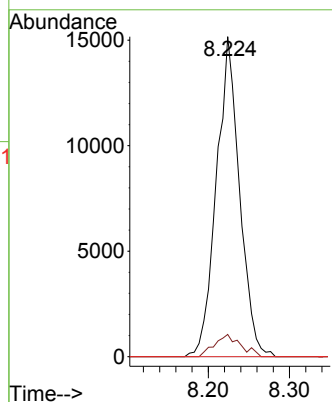
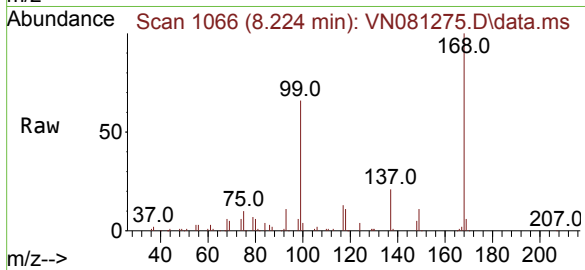
Tgt Ion:117 Resp: 30072

Ion Ratio Lower Upper

117 100

119 7.0 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 44.228 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081275.D

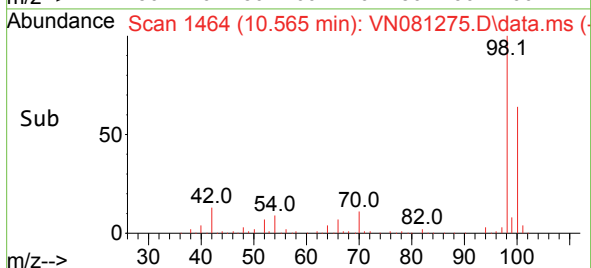
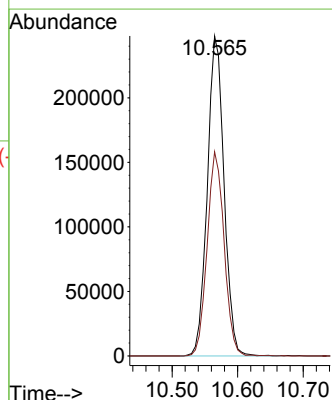
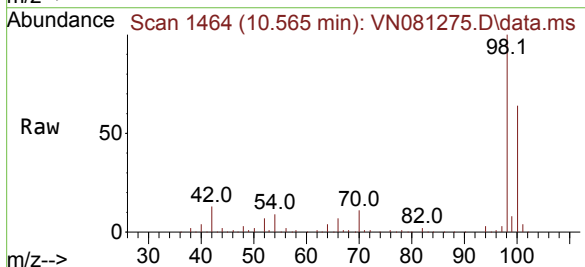
Acq: 01 Mar 2024 10:50

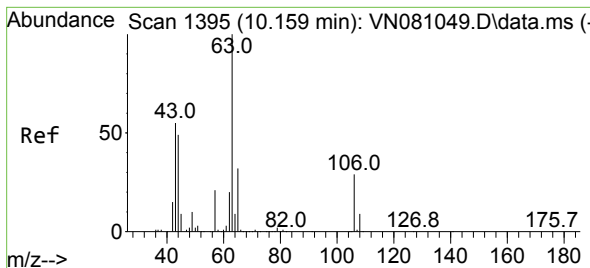
Tgt Ion: 98 Resp: 440197

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0

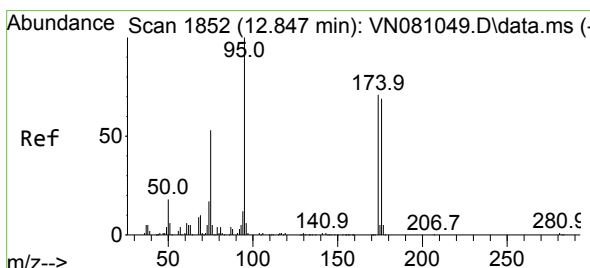
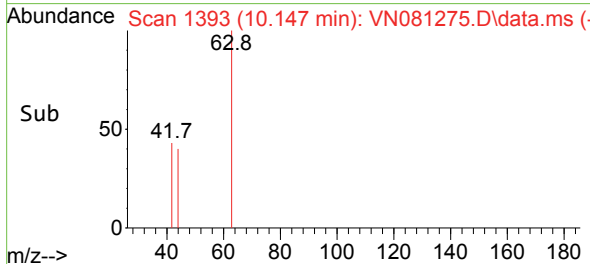
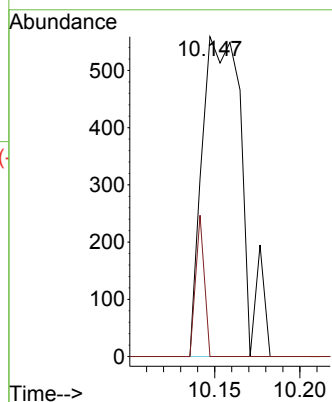
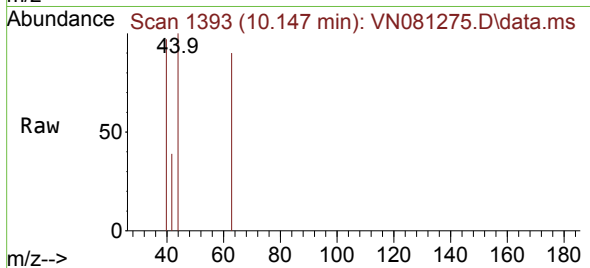




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.353 ug/l
 RT: 10.147 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VN081275.D
 Acq: 01 Mar 2024 10:50

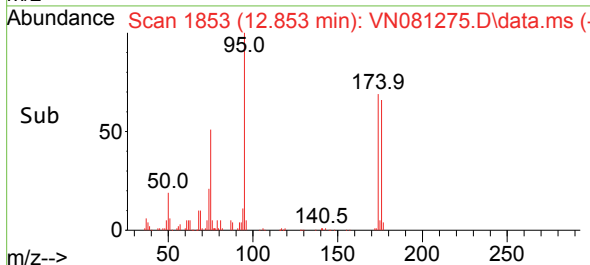
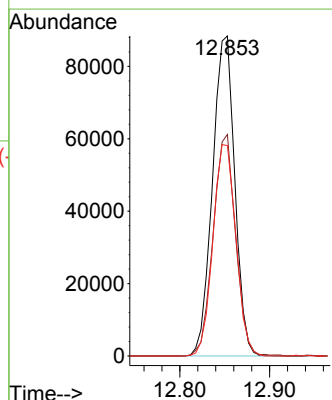
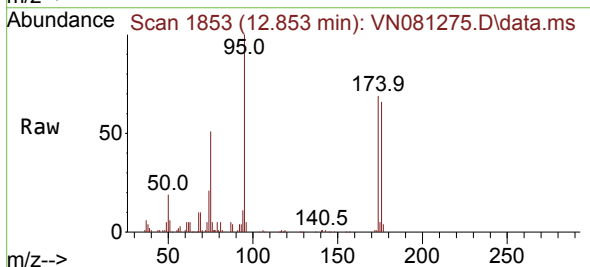
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBL01

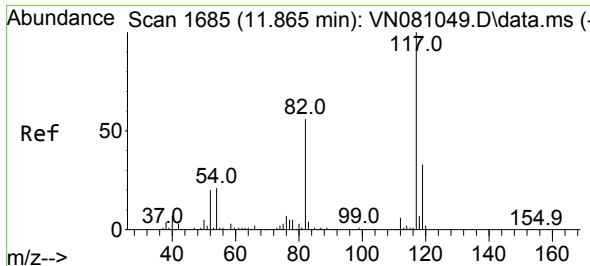
Tgt Ion: 63 Resp: 915
 Ion Ratio Lower Upper
 63 100
 106 9.5 18.6 28.0#



#62
 4-Bromofluorobenzene
 Concen: 40.729 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN081275.D
 Acq: 01 Mar 2024 10:50

Tgt Ion: 95 Resp: 152317
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 120.4
 176 68.1 0.0 121.0

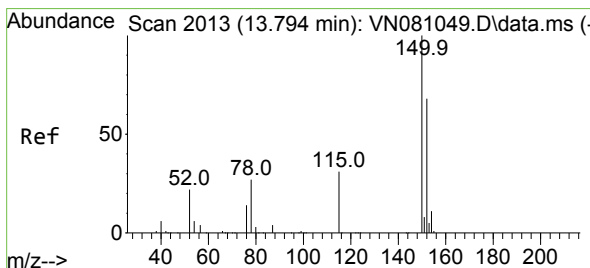
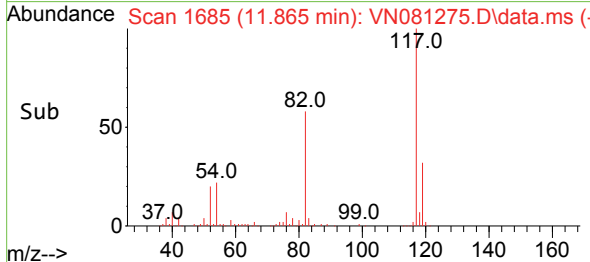
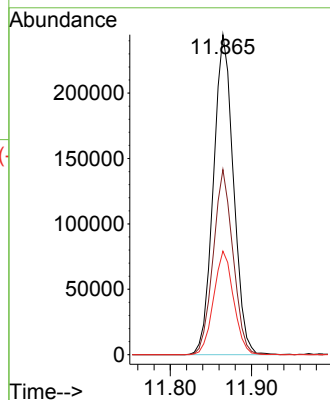
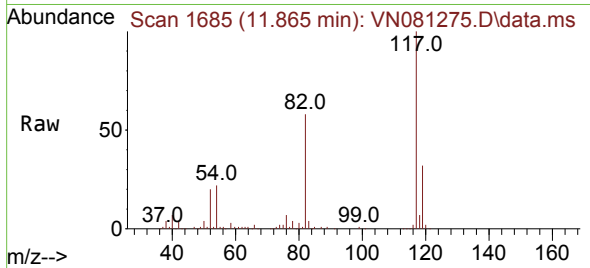




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

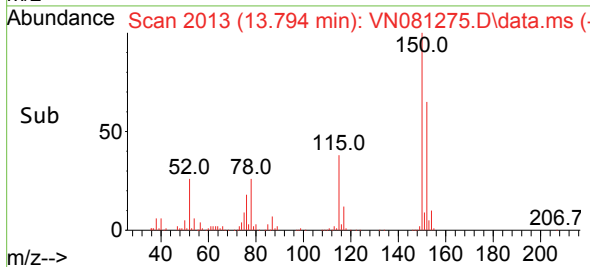
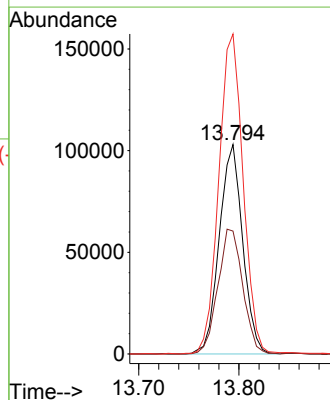
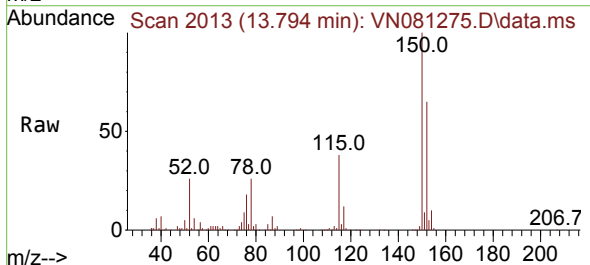
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

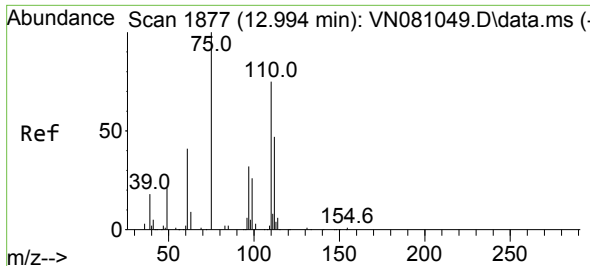
Tgt Ion:117 Resp: 420264
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

Tgt Ion:152 Resp: 167057
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 159.1 0.0 339.8

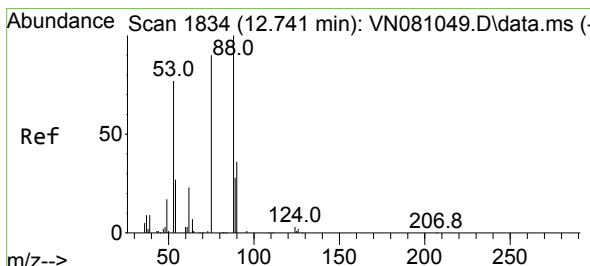
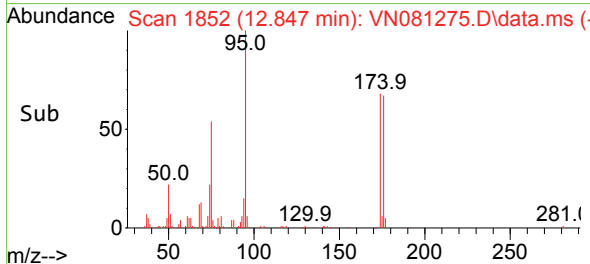
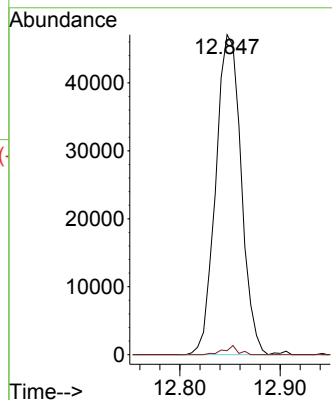
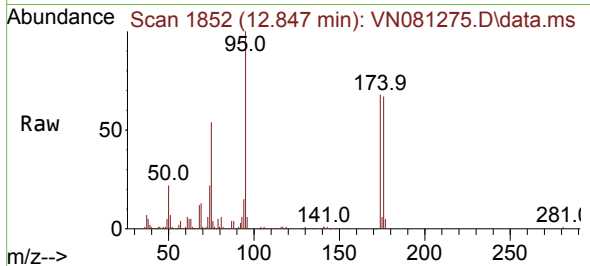




#76
1,2,3-Trichloropropane
Concen: 21.856 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

Tgt Ion: 75 Resp: 82958
Ion Ratio Lower Upper
75 100
77 1.6 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.256 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081275.D
Acq: 01 Mar 2024 10:50

Tgt Ion: 75 Resp: 82958
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

