

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082626.D
 Acq On : 18 Jun 2024 17:23
 Operator : JC\MD
 Sample : P2942-01 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 00:54:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	139070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	249497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125299	56.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.360%
35) Dibromofluoromethane	8.171	113	92339	53.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.980%
50) Toluene-d8	10.571	98	333676	51.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.853	95	107651	47.834	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.660%

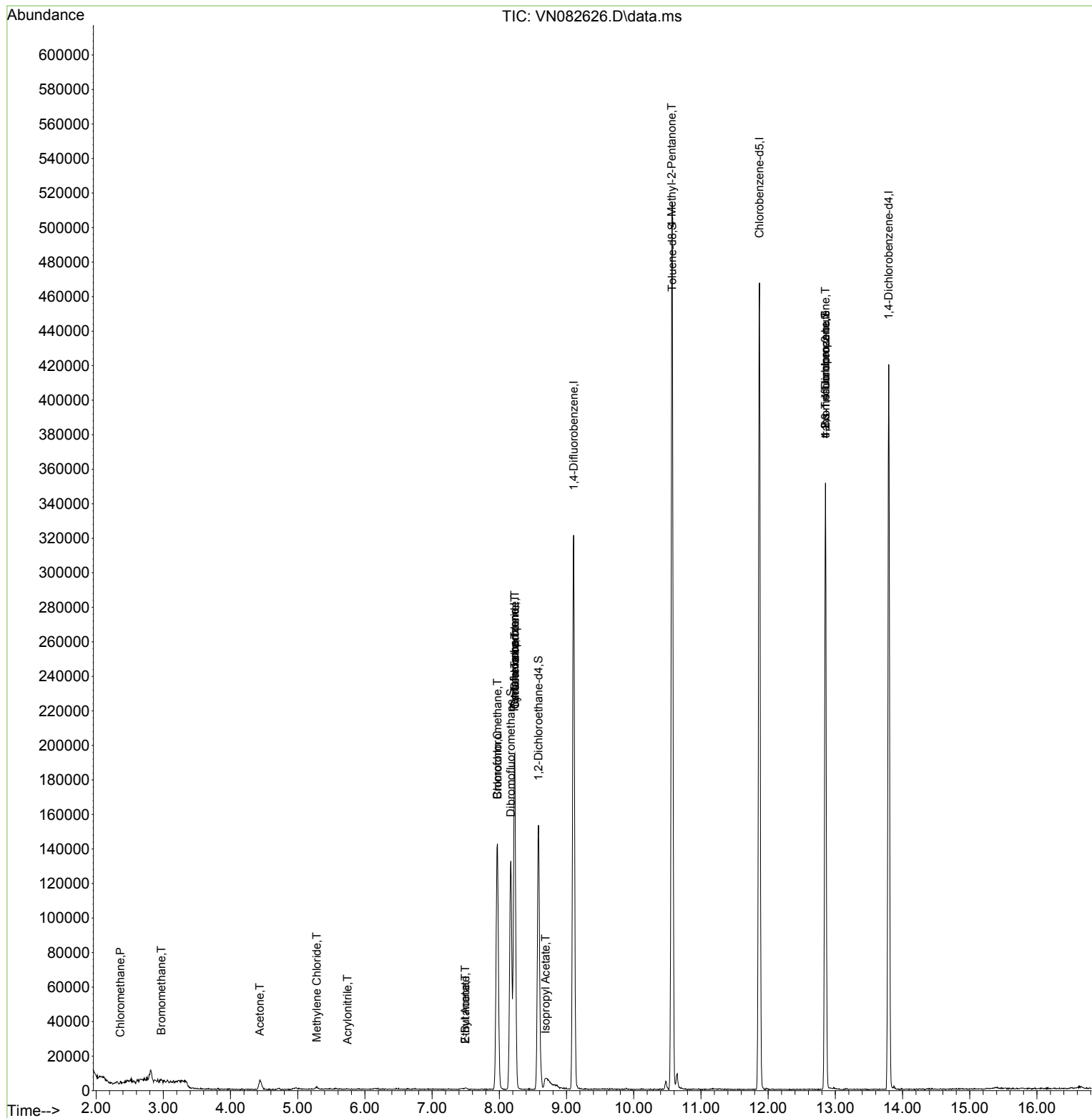
Target Compounds					Qvalue	
3) Chloromethane	2.360	50	664	0.285	ug/l	97
5) Bromomethane	2.971	94	637	0.447	ug/l #	53
15) Acrylonitrile	5.742	53	306	0.318	ug/l #	59
16) Acetone	4.436	43	10774	10.623	ug/l	91
20) Methylene Chloride	5.283	84	863	0.484	ug/l #	70
25) 2-Butanone	7.494	43	1925	1.335	ug/l #	53
28) Bromochloromethane	7.971	49	13394	8.531	ug/l #	21
30) Chloroform	7.971	83	132932	39.611	ug/l	98
31) Cyclohexane	8.230	56	3918	1.217	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	12785	4.955	ug/l #	47
37) Ethyl Acetate	7.494	43	1925	0.586	ug/l #	72
38) Carbon Tetrachloride	8.230	117	15017	5.164	ug/l #	17
43) Isopropyl Acetate	8.689	43	4037	0.657	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	2178	0.691	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	64214	24.579	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64214	58.804	ug/l #	6

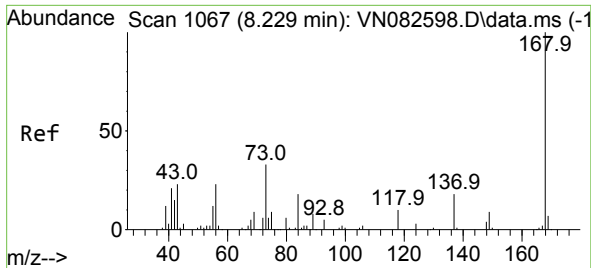
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
Data File : VN082626.D
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Sample : P2942-01 200X
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MSVOA_N
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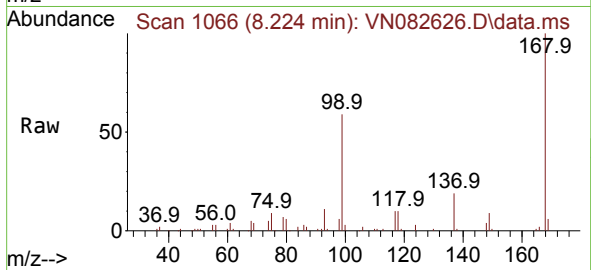
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



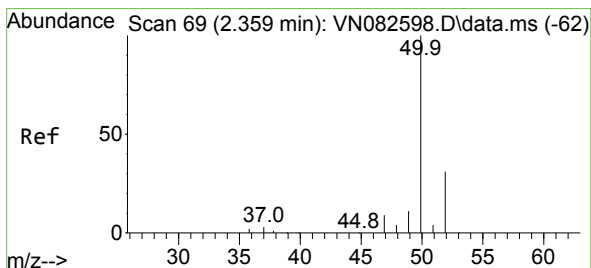
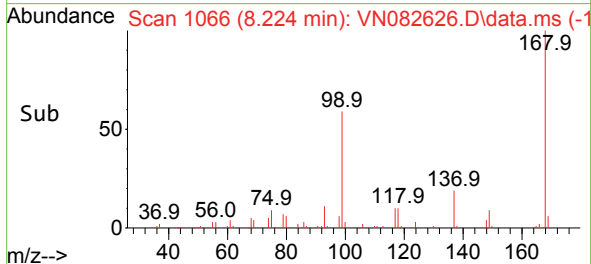
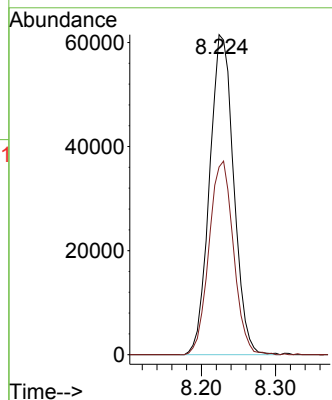


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :

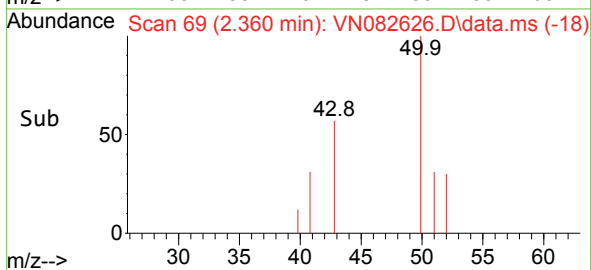
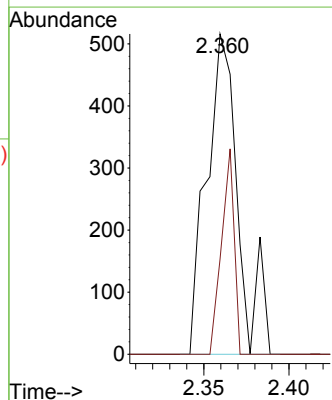
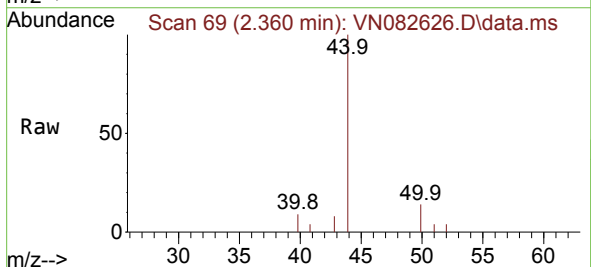


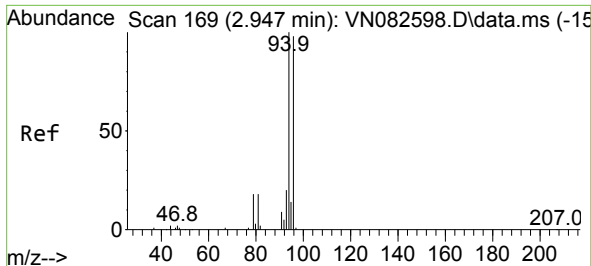
Tgt Ion:168 Resp: 139070
Ion Ratio Lower Upper
168 100
99 58.6 48.2 72.4



#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 50 Resp: 664
Ion Ratio Lower Upper
50 100
52 29.7 25.0 37.4

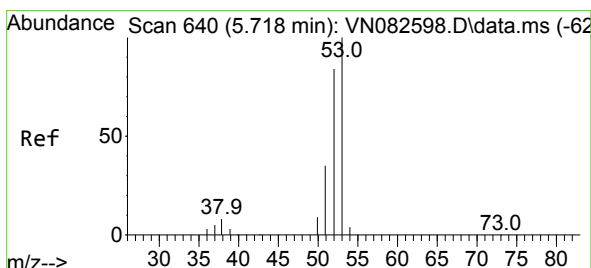
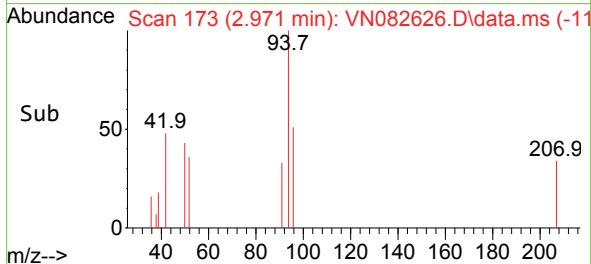
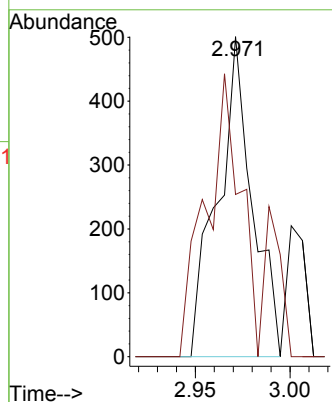
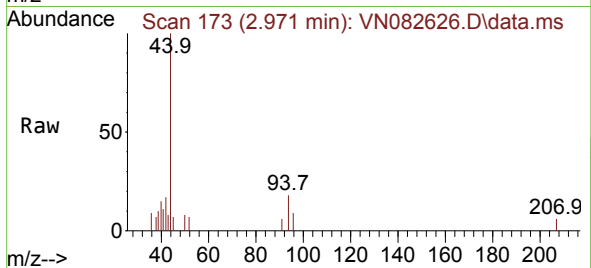




#5
Bromomethane
Concen: 0.447 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

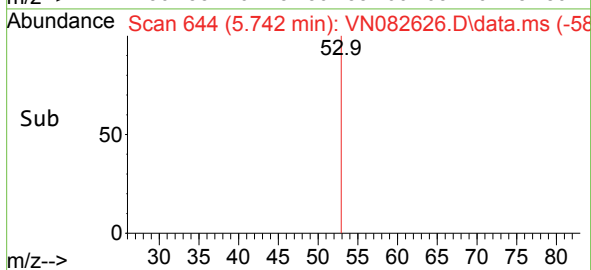
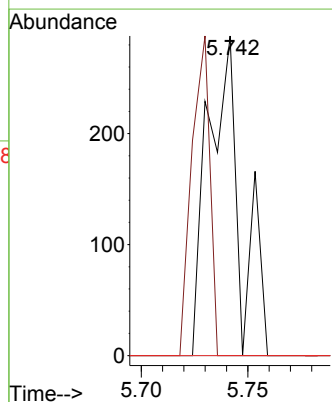
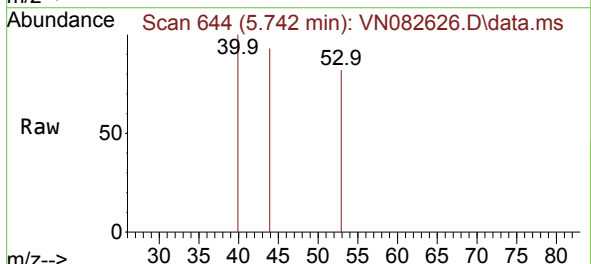
Instrument :
MSVOA_N
ClientSampleId :

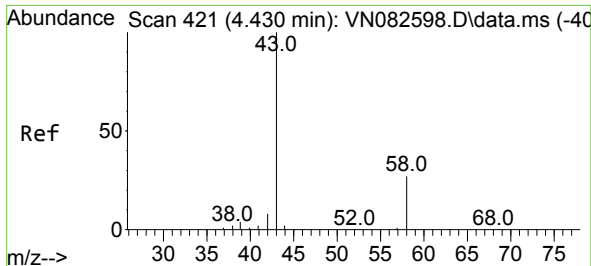
Tgt Ion: 94 Resp: 637
Ion Ratio Lower Upper
94 100
96 50.7 78.0 117.0#



#15
Acrylonitrile
Concen: 0.318 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.024 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 53 Resp: 306
Ion Ratio Lower Upper
53 100
52 55.6 66.6 100.0#
51 0.0 30.1 45.1#

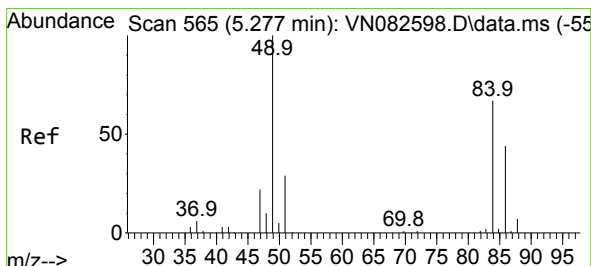
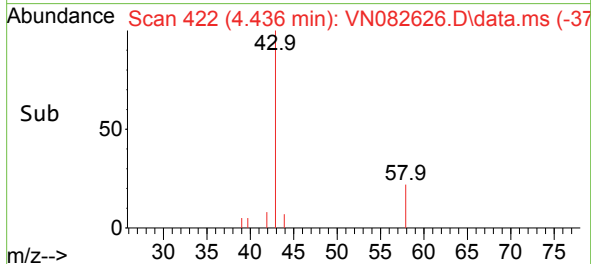
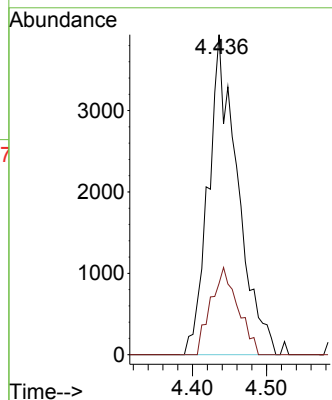
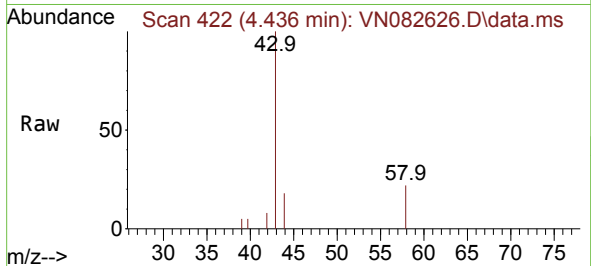




#16
Acetone
Concen: 10.623 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

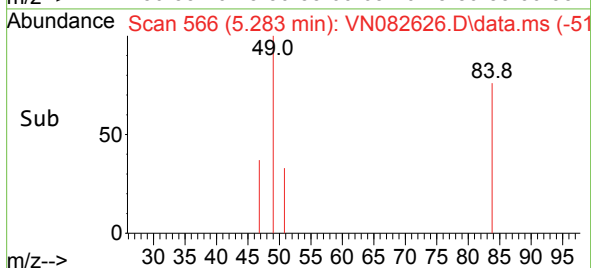
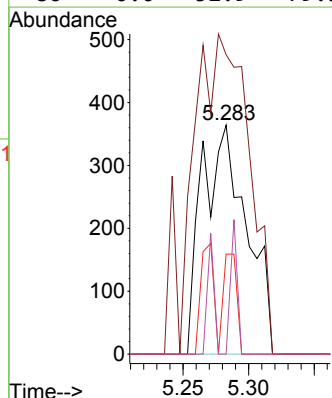
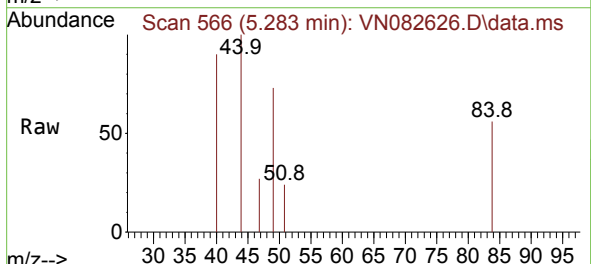
Instrument :
MSVOA_N
ClientSampleId :

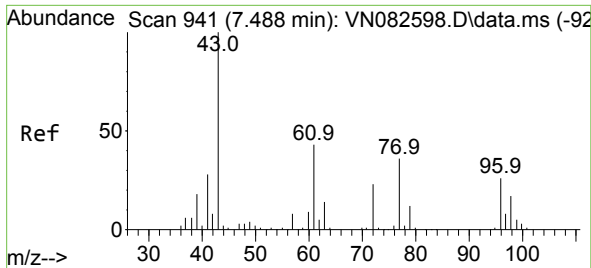
Tgt Ion: 43 Resp: 10774
Ion Ratio Lower Upper
43 100
58 22.3 21.8 32.6



#20
Methylene Chloride
Concen: 0.484 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 84 Resp: 863
Ion Ratio Lower Upper
84 100
49 130.8 119.6 179.4
51 43.7 34.8 52.2
86 0.0 52.9 79.3#

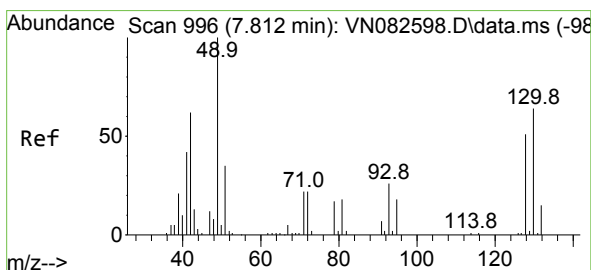
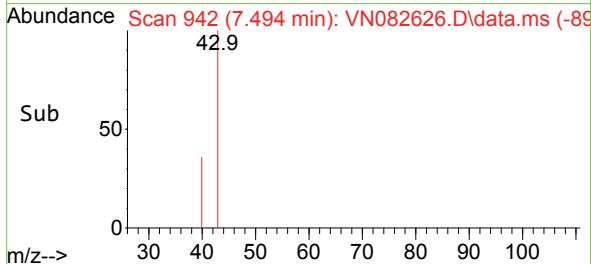
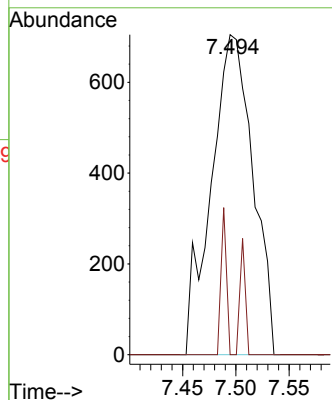
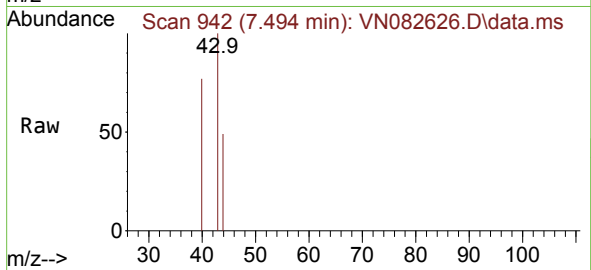




#25
2-Butanone
Concen: 1.335 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

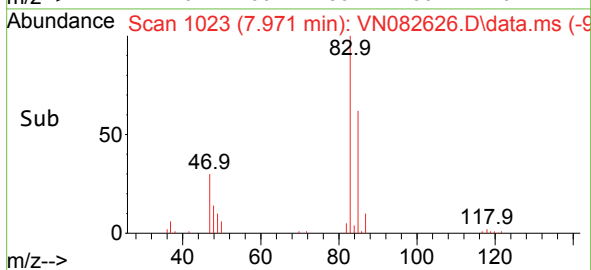
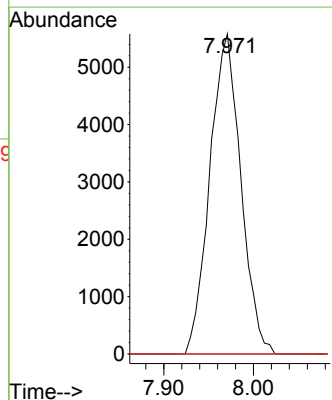
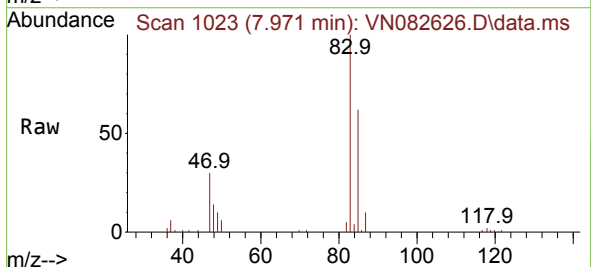
Instrument :
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ClientSampleId :

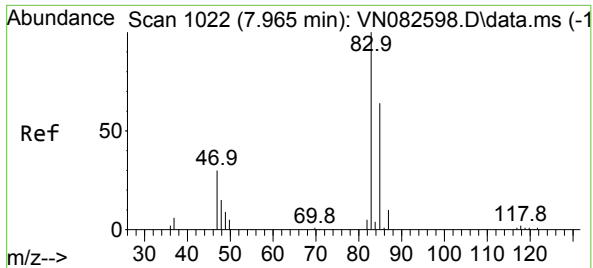
Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#28
Bromochloromethane
Concen: 8.531 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.159 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 49 Resp: 13394
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 50.5 75.7#





#30

Chloroform

Concen: 39.611 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

Instrument :

MSVOA_N

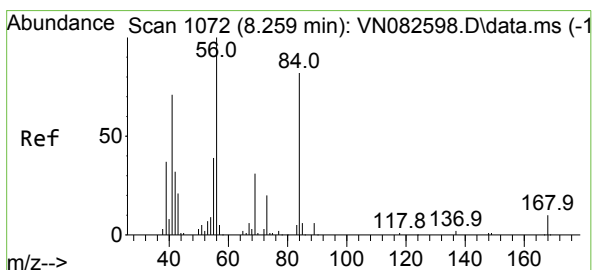
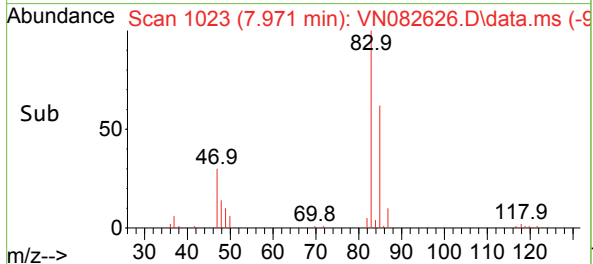
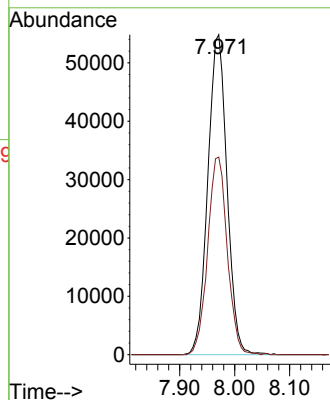
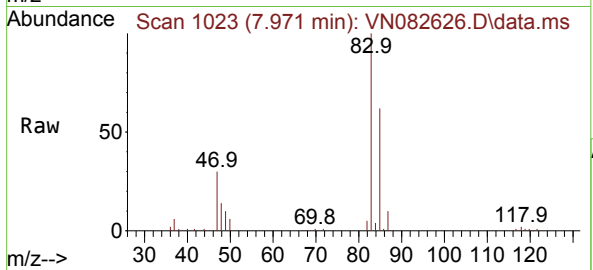
ClientSampleId :

Tgt Ion: 83 Resp: 132932

Ion Ratio Lower Upper

83 100

85 61.8 50.9 76.3



#31

Cyclohexane

Concen: 1.217 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

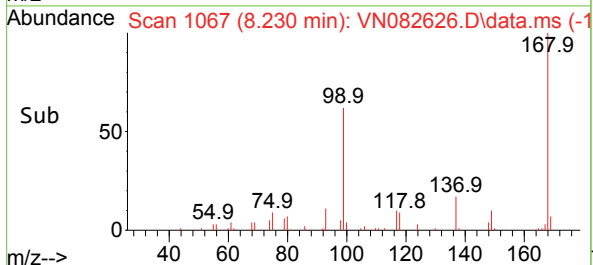
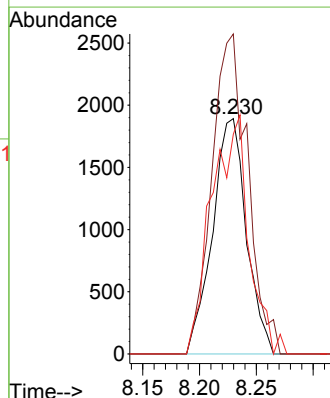
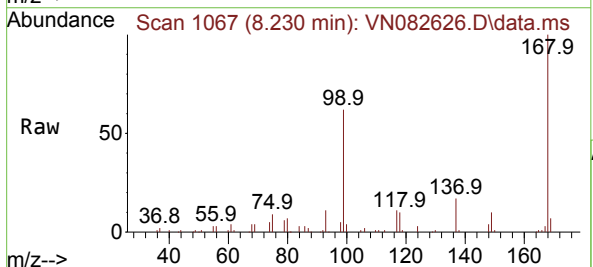
Tgt Ion: 56 Resp: 3918

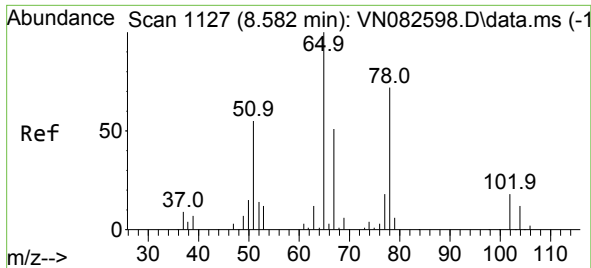
Ion Ratio Lower Upper

56 100

69 136.0 24.5 36.7#

84 93.3 66.0 99.0

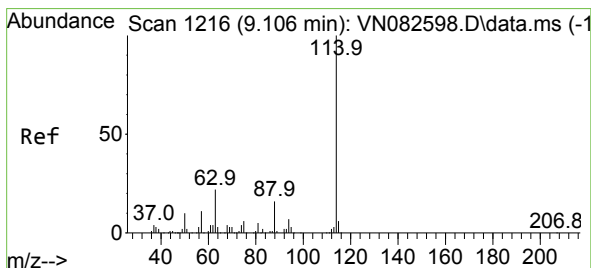
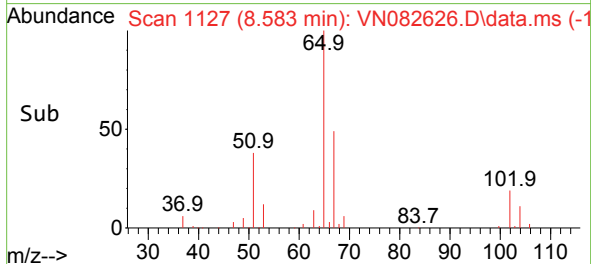
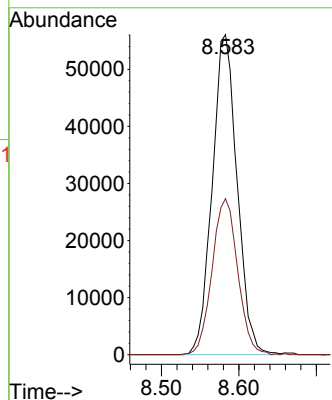
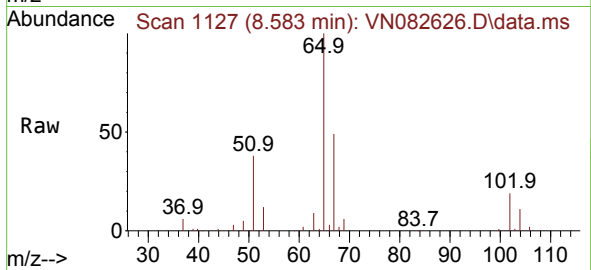




#33
 1,2-Dichloroethane-d4
 Concen: 56.183 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082626.D
 Acq: 18 Jun 2024 17:23

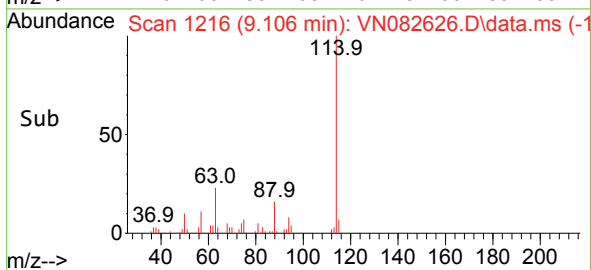
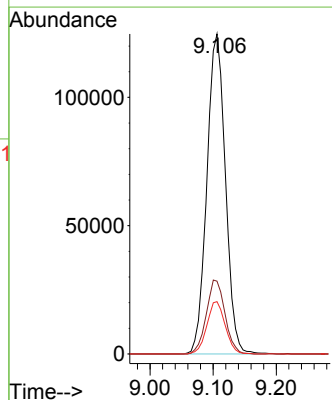
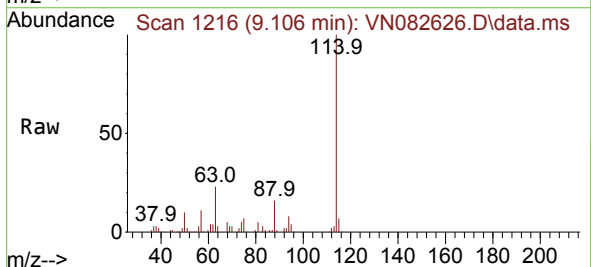
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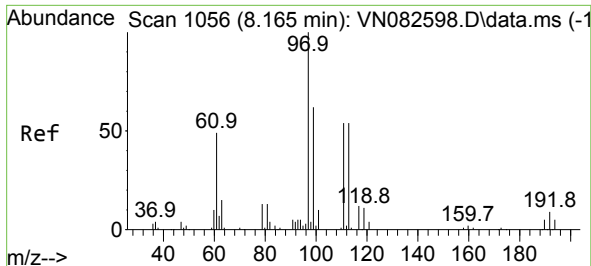
Tgt Ion: 65 Resp: 125299
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082626.D
 Acq: 18 Jun 2024 17:23

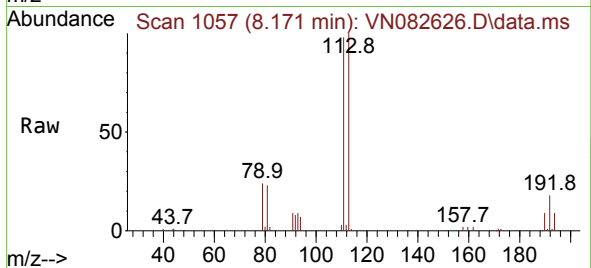
Tgt Ion: 114 Resp: 254448
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.6
 88 16.3 0.0 31.4



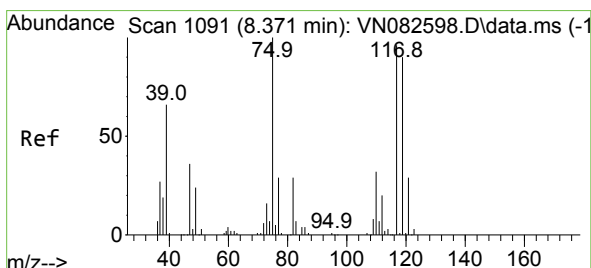
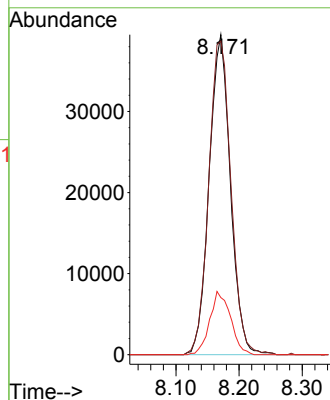
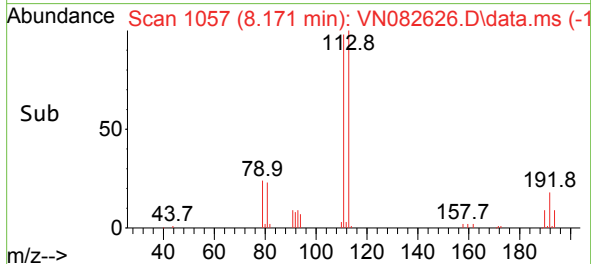


#35
Dibromofluoromethane
Concen: 53.494 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :

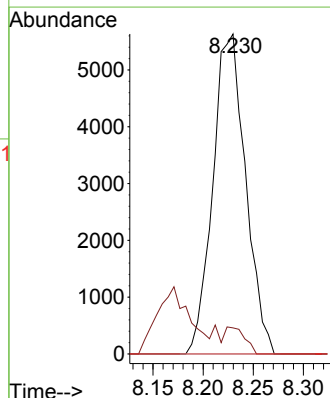
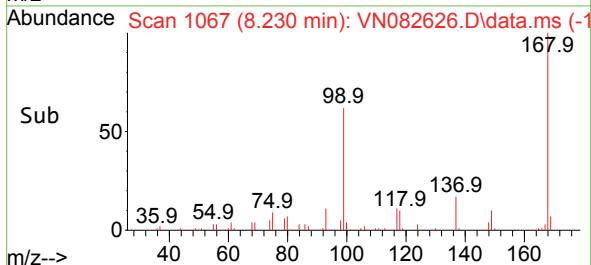
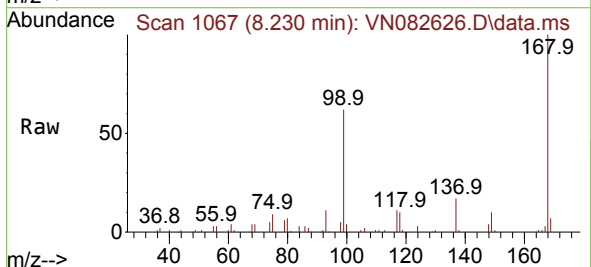


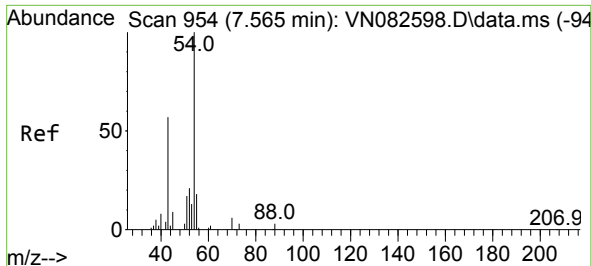
Tgt Ion:113 Resp: 92339
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 75 Resp: 12785
Ion Ratio Lower Upper
75 100
110 5.0 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.586 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.070 min

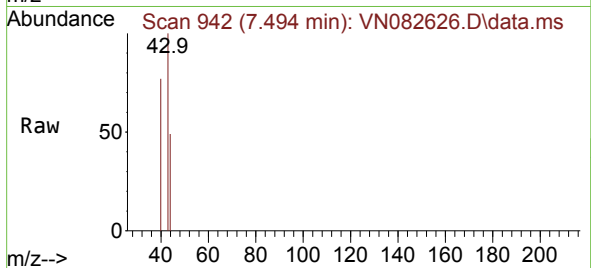
Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :



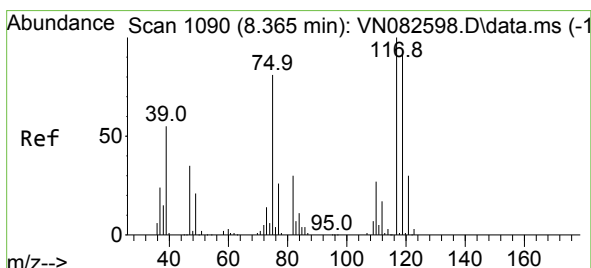
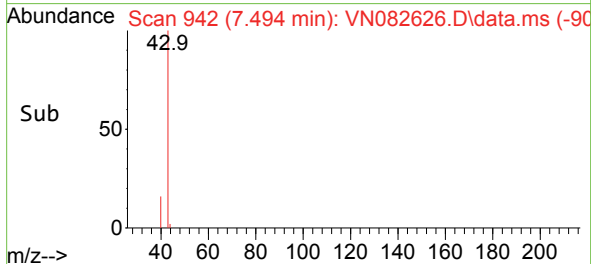
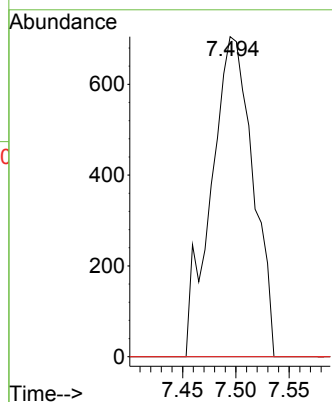
Tgt Ion: 43 Resp: 1925

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.164 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

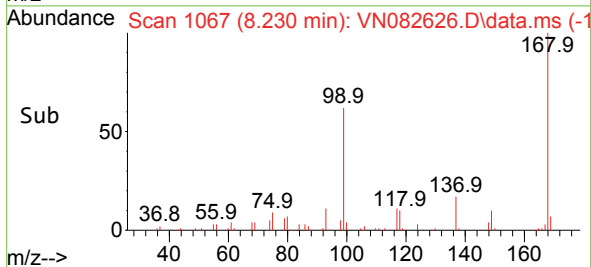
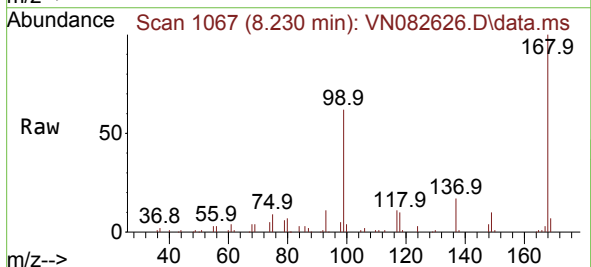
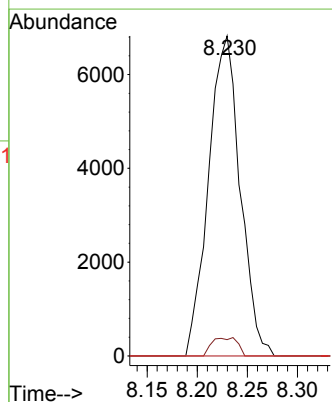
Tgt Ion: 117 Resp: 15017

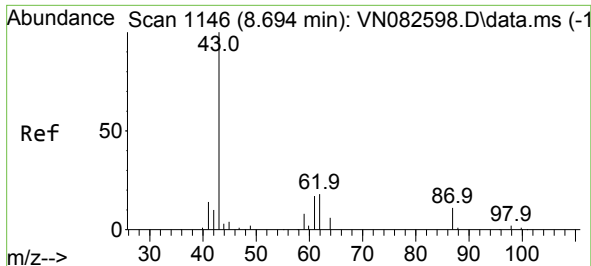
Ion Ratio Lower Upper

117 100

119 5.1 74.9 112.3#

121 0.0 24.3 36.5#

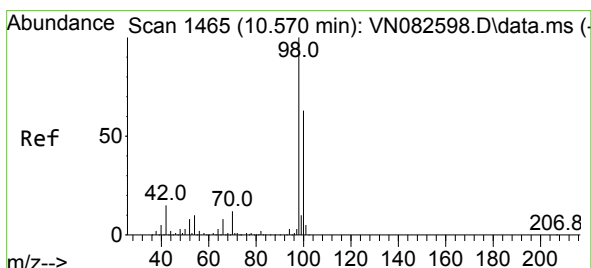
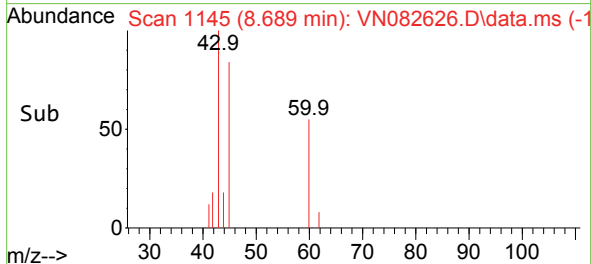
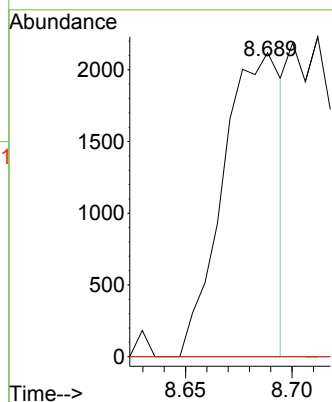
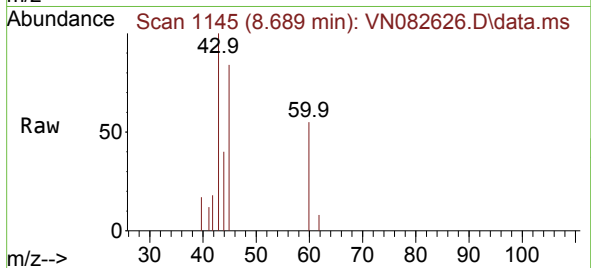




#43
Isopropyl Acetate
Concen: 0.657 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

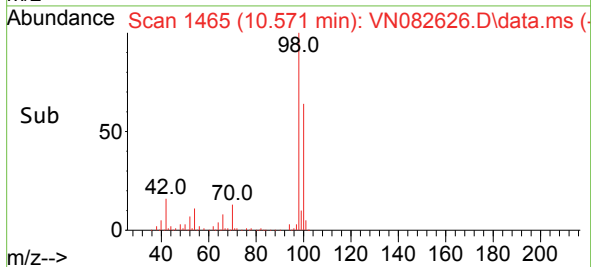
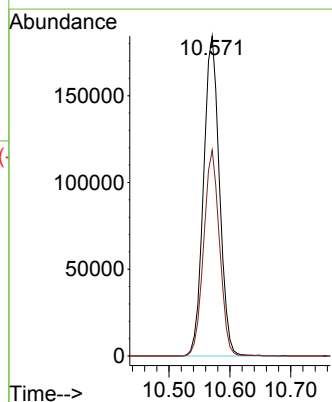
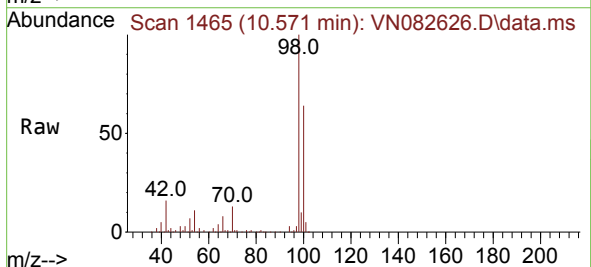
Instrument :
MSVOA_N
ClientSampleId :

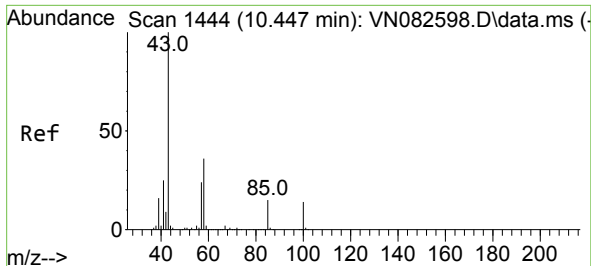
Tgt Ion: 43 Resp: 4037
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 51.117 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082626.D
Acq: 18 Jun 2024 17:23

Tgt Ion: 98 Resp: 333676
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

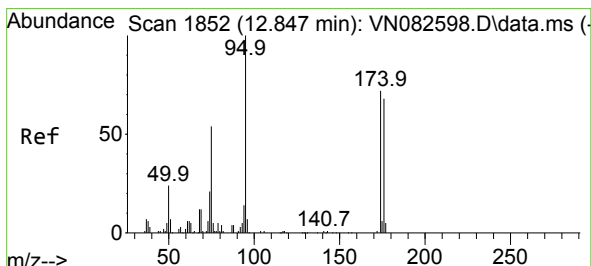
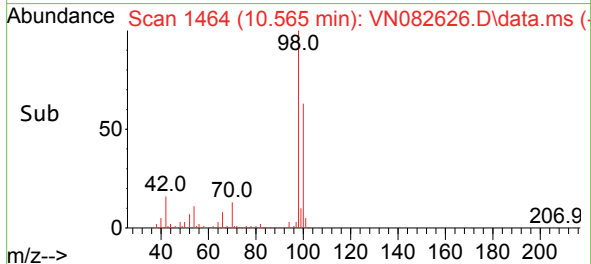
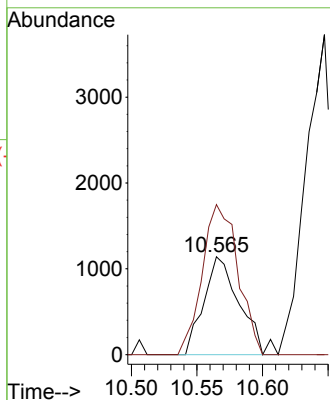
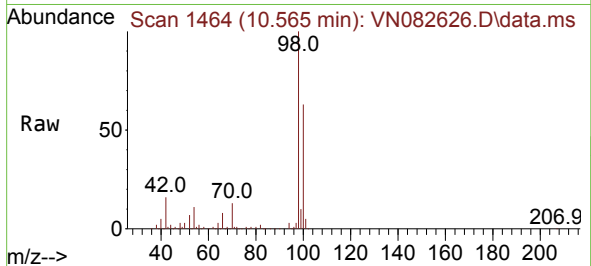




#51
 4-Methyl-2-Pentanone
 Concen: 0.691 ug/l
 RT: 10.565 min Scan# 1444
 Delta R.T. 0.118 min
 Lab File: VN082626.D
 Acq: 18 Jun 2024 17:23

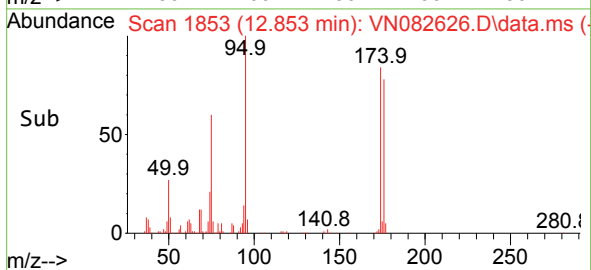
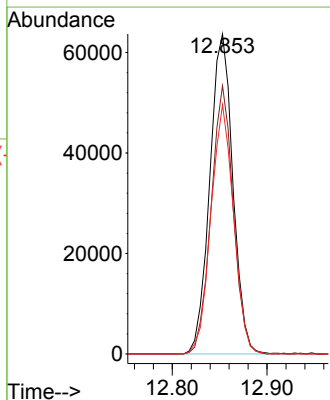
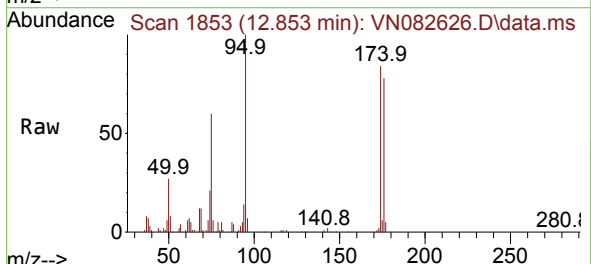
Instrument :
 MSVOA_N
 ClientSampleId :

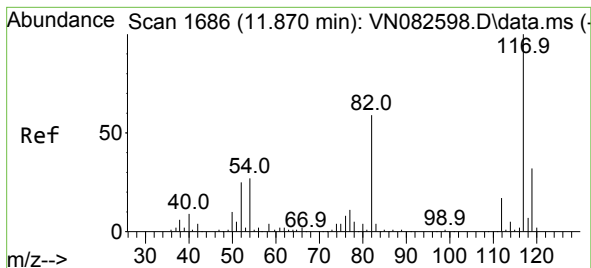
Tgt Ion: 43 Resp: 2178
 Ion Ratio Lower Upper
 43 100
 58 152.4 28.2 42.4#



#62
 4-Bromofluorobenzene
 Concen: 47.834 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082626.D
 Acq: 18 Jun 2024 17:23

Tgt Ion: 95 Resp: 107651
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 159.2
 176 76.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

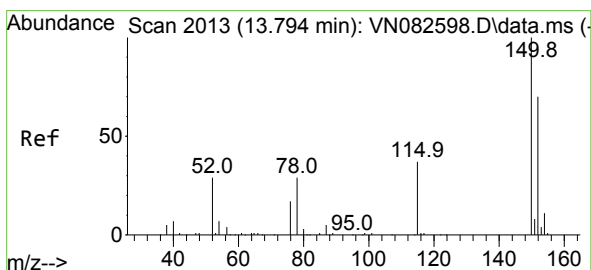
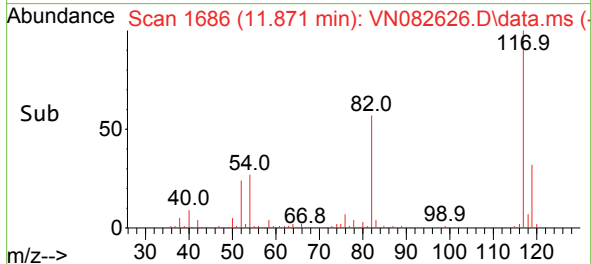
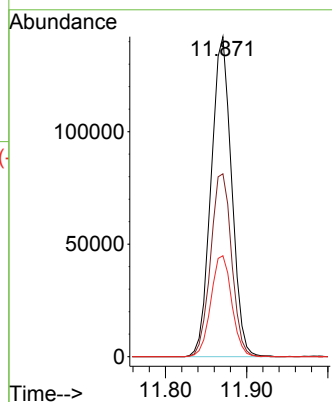
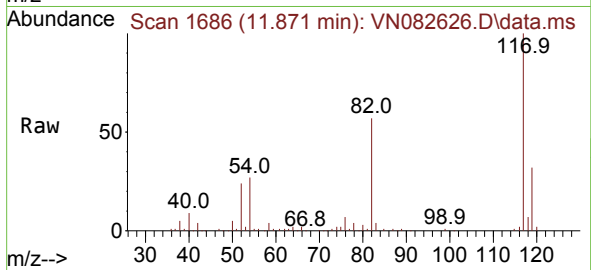
Tgt Ion:117 Resp: 249497

Ion Ratio Lower Upper

117 100

82 57.2 47.5 71.3

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082626.D

Acq: 18 Jun 2024 17:23

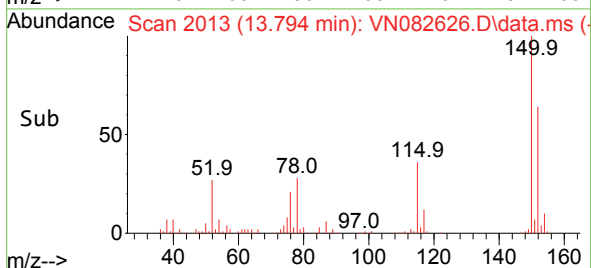
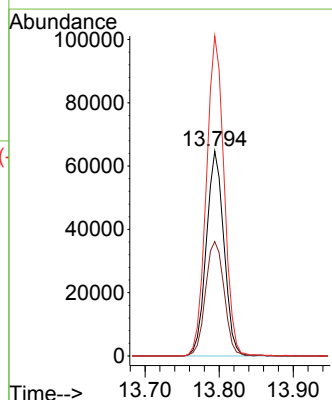
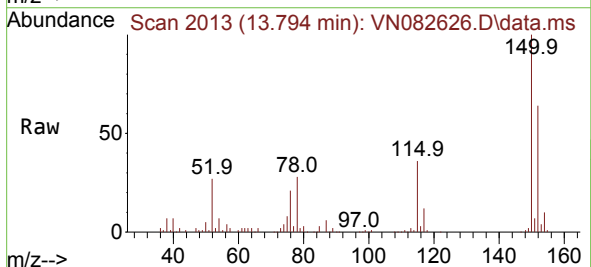
Tgt Ion:152 Resp: 106815

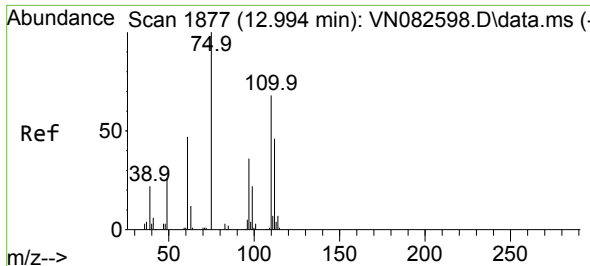
Ion Ratio Lower Upper

152 100

115 59.0 30.6 91.6

150 157.2 0.0 348.6

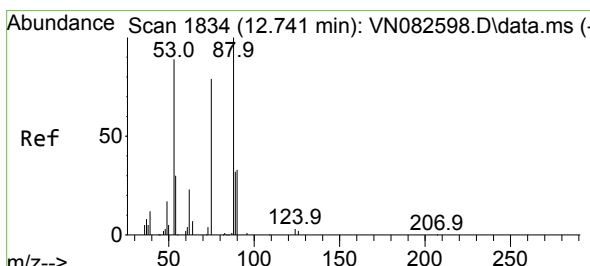
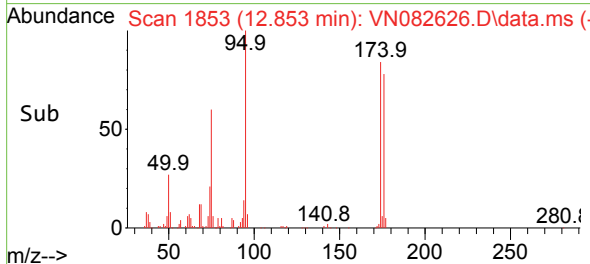
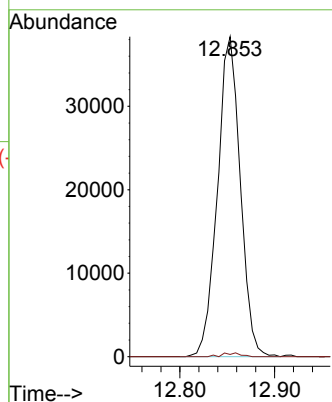
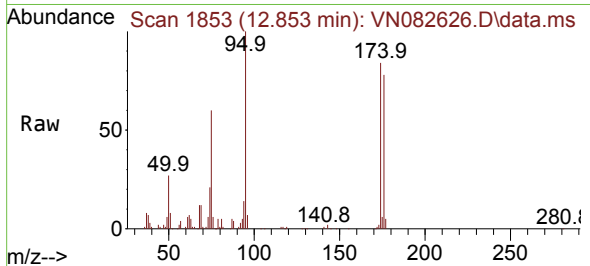




#76
 1,2,3-Trichloropropane
 Concen: 24.579 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082626.D
 Acq: 18 Jun 2024 17:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 64214
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.804 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN082626.D
 Acq: 18 Jun 2024 17:23

Tgt Ion: 75 Resp: 64214
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.4 132.6#
 89 0.0 36.3 54.5#

