

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082749.D
 Acq On : 28 Jun 2024 16:36
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

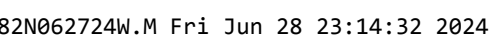
Quant Time: Jun 28 23:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

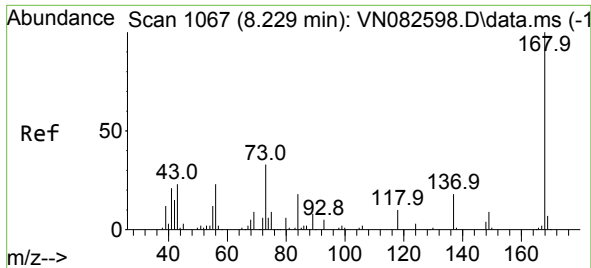
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	69594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	135325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	134250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	59402	55.348	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.700%	
35) Dibromofluoromethane	8.165	113	48091	53.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.960%	
50) Toluene-d8	10.571	98	175674	52.723	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.853	95	56178	49.094	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	187	0.223	ug/l	97
25) 2-Butanone	7.489	43	21275	34.246	ug/l	96
31) Cyclohexane	8.224	56	2059	1.362	ug/l #	19
36) 1,1-Dichloropropene	8.218	75	6444	5.032	ug/l #	50
37) Ethyl Acetate	7.489	43	21275	15.371	ug/l #	72
38) Carbon Tetrachloride	8.224	117	7713	5.150	ug/l #	21
43) Isopropyl Acetate	8.688	43	4632	1.434	ug/l #	60
51) 4-Methyl-2-Pentanone	10.577	43	884	0.624	ug/l #	1
71) Bromoform	12.847	173	537	0.656	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	32082	27.160	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	32082	70.832	ug/l #	6

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

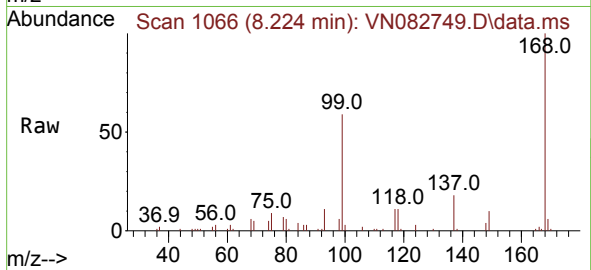
Quant Time: Jun 28 23:14:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



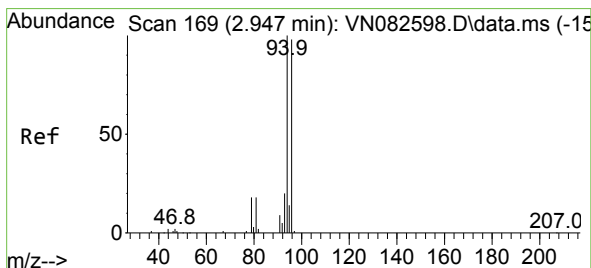
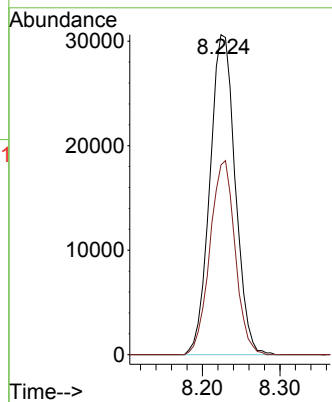
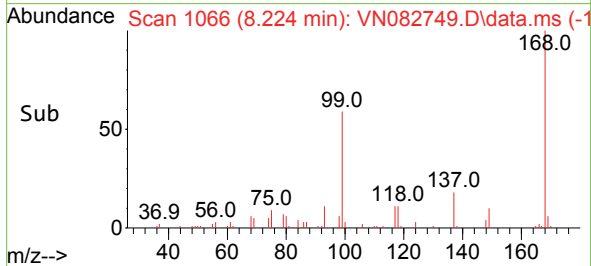


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

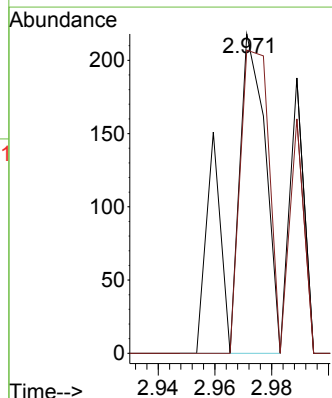
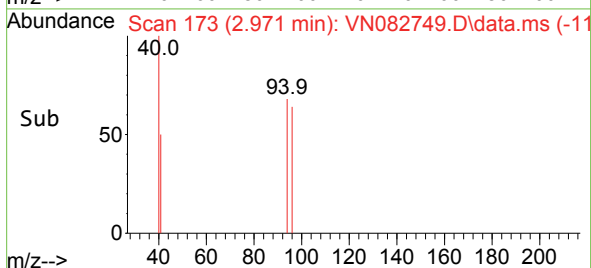
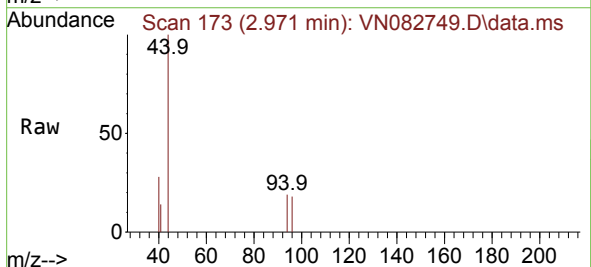


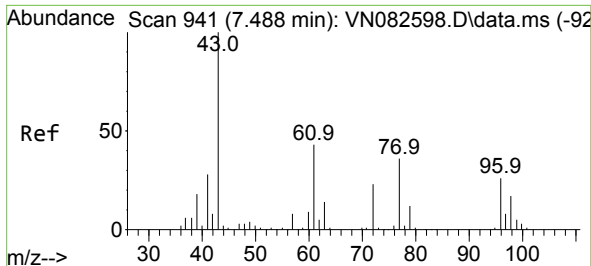
Tgt Ion:168 Resp: 69594
Ion Ratio Lower Upper
168 100
99 59.3 48.2 72.4



#5
Bromomethane
Concen: 0.223 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 95.0 78.0 117.0

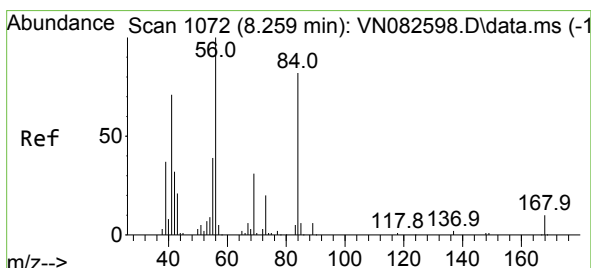
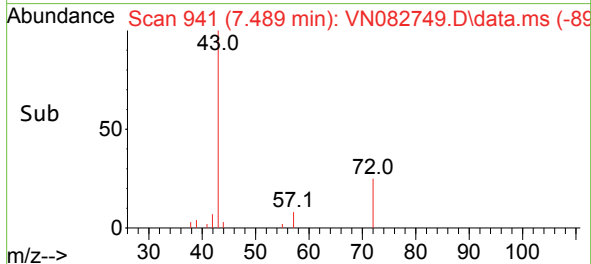
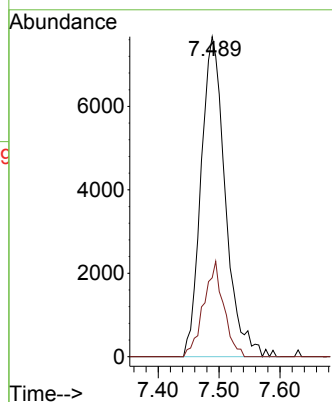
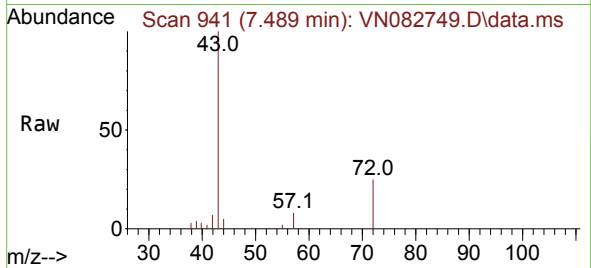




#25
2-Butanone
Concen: 34.246 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

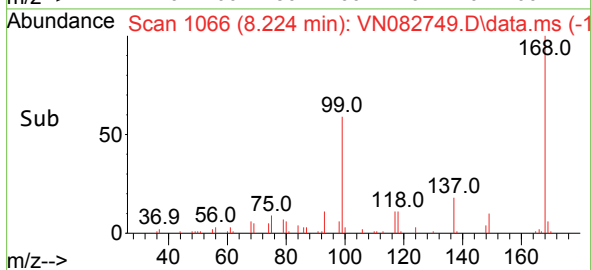
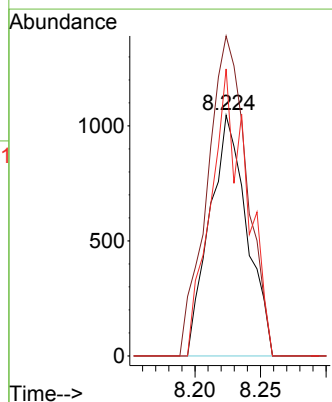
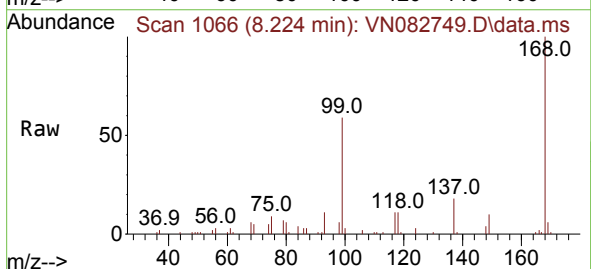
Instrument :
MSVOA_N
ClientSampleId :

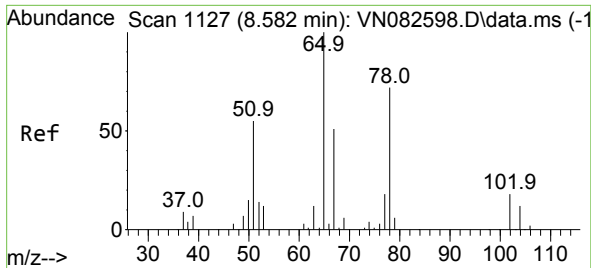
Tgt Ion: 43 Resp: 21275
Ion Ratio Lower Upper
43 100
72 24.6 18.2 27.2



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Tgt Ion: 56 Resp: 2059
Ion Ratio Lower Upper
56 100
69 133.0 24.5 36.7#
84 119.3 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 55.348 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082749.D

Acq: 28 Jun 2024 16:36

Instrument :

MSVOA_N

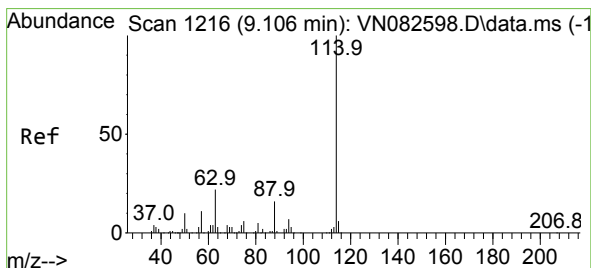
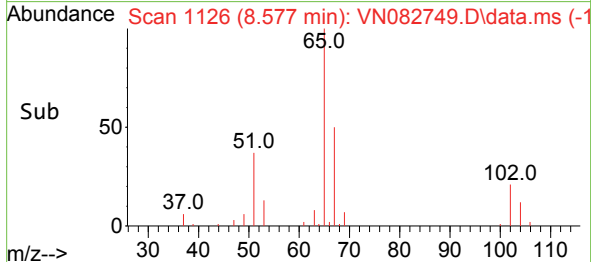
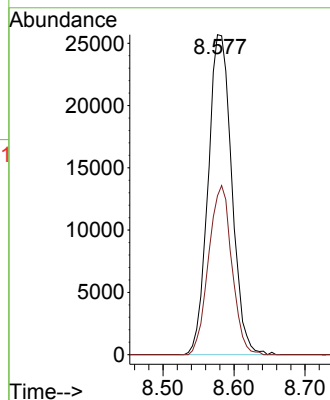
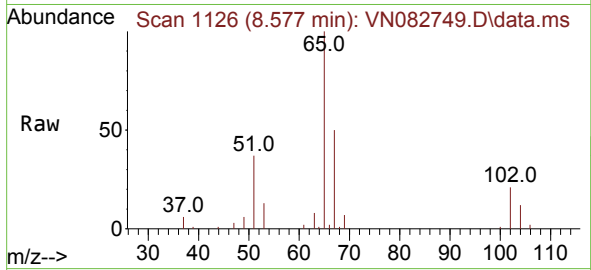
ClientSampleId :

Tgt Ion: 65 Resp: 59402

Ion Ratio Lower Upper

65 100

67 51.9 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: VN082749.D

Acq: 28 Jun 2024 16:36

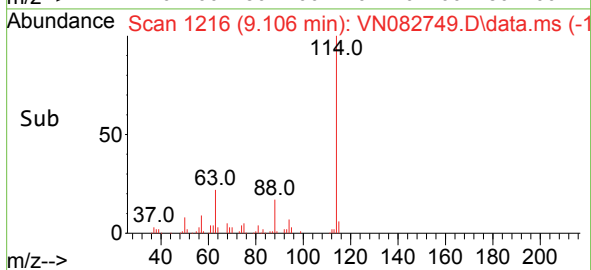
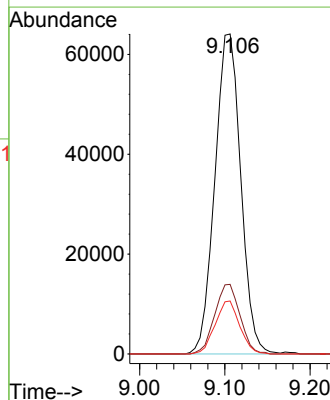
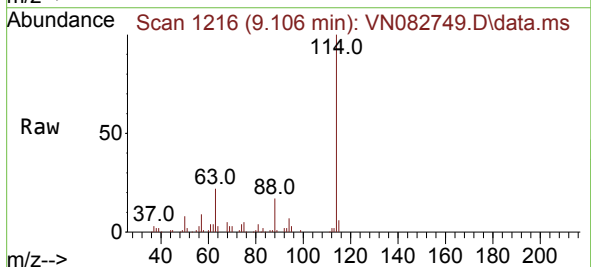
Tgt Ion: 114 Resp: 135325

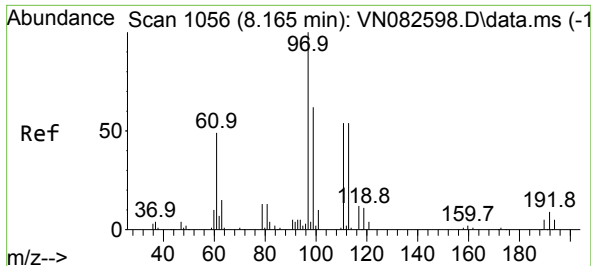
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 16.5 0.0 31.4

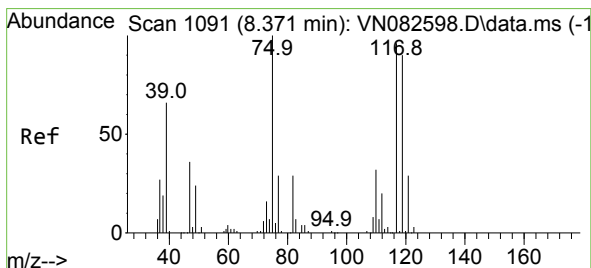
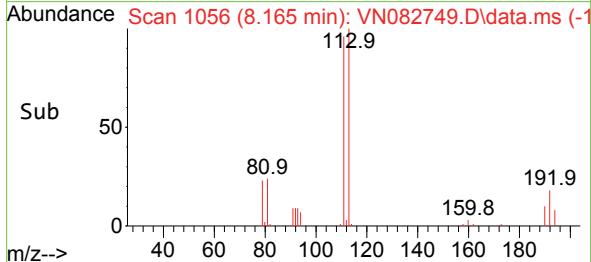
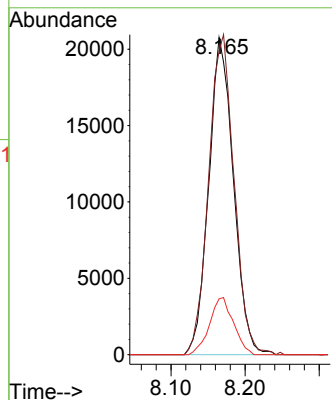
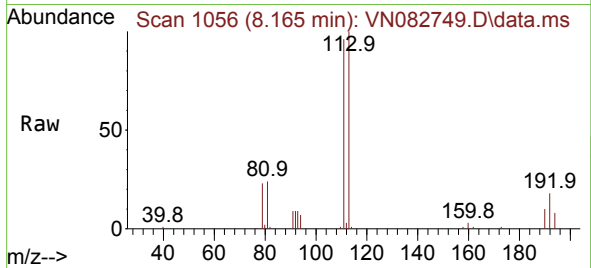




#35
Dibromofluoromethane
Concen: 53.976 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

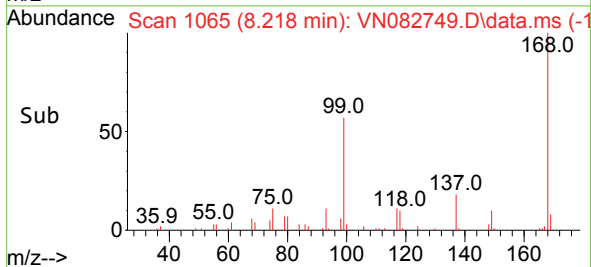
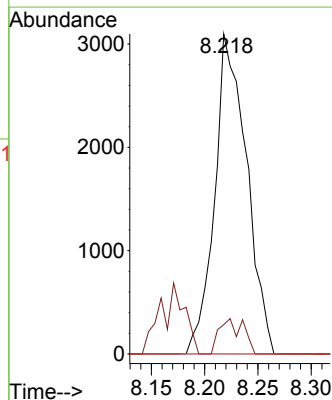
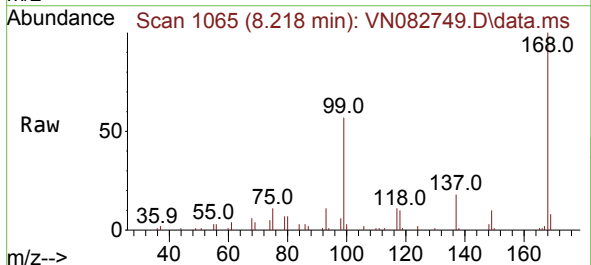
Instrument :
MSVOA_N
ClientSampleId :

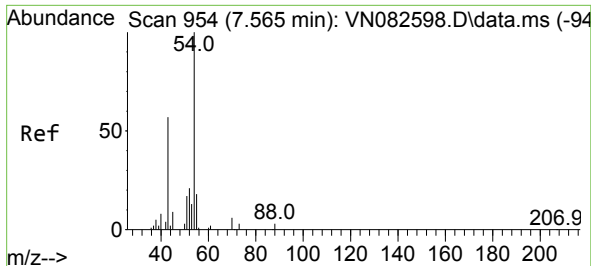
Tgt Ion:113 Resp: 48091
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.032 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

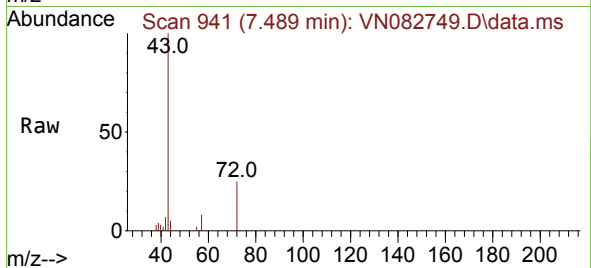
Tgt Ion: 75 Resp: 6444
Ion Ratio Lower Upper
75 100
110 8.3 16.3 48.9#
77 0.0 24.6 37.0#



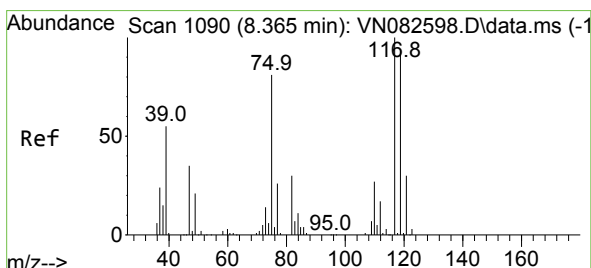
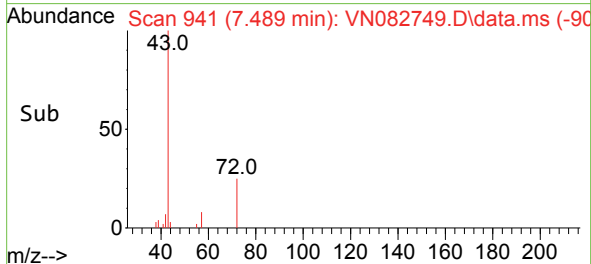
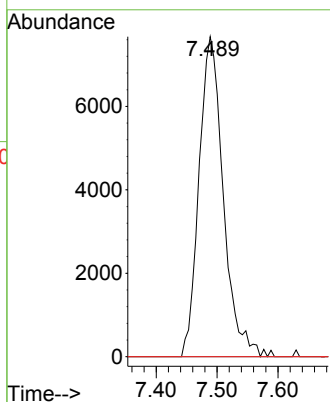


#37
Ethyl Acetate
Concen: 15.371 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.076 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

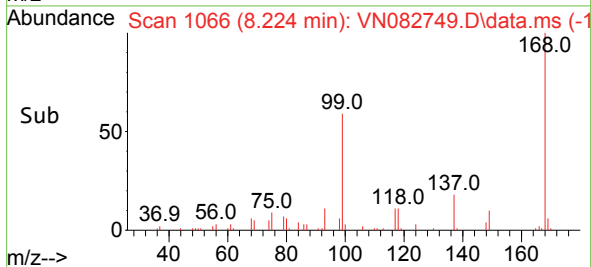
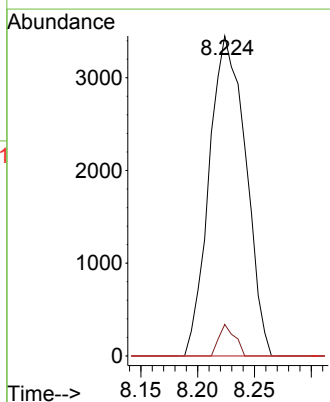
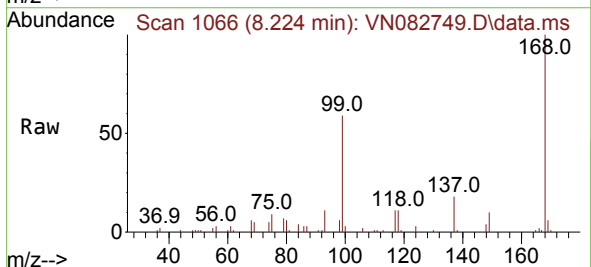


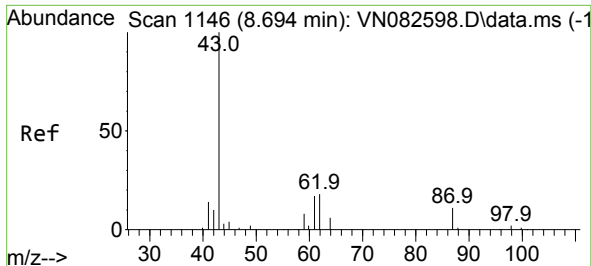
Tgt Ion: 43 Resp: 21275
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.150 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

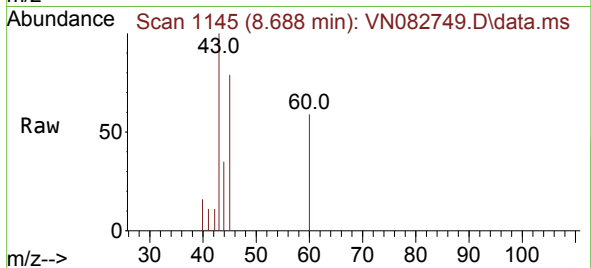
Tgt Ion: 117 Resp: 7713
Ion Ratio Lower Upper
117 100
119 9.8 74.9 112.3#
121 0.0 24.3 36.5#



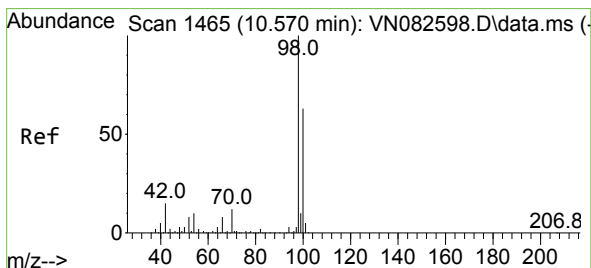
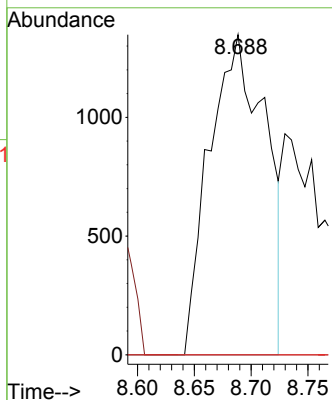
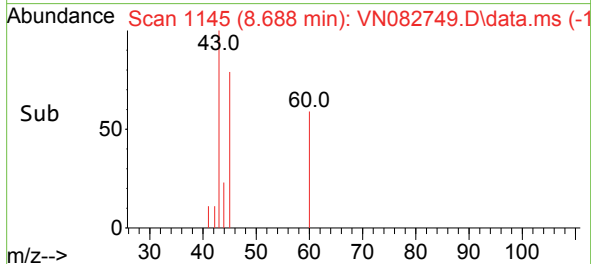


#43
Isopropyl Acetate
Concen: 1.434 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

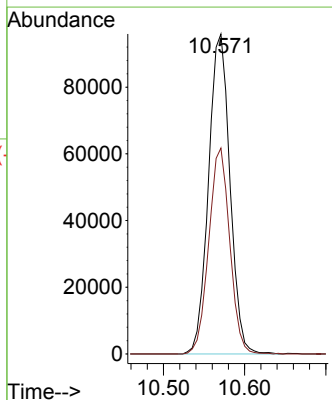
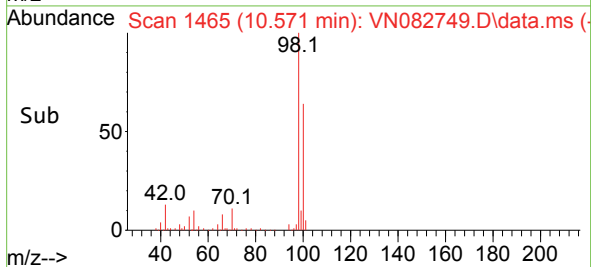
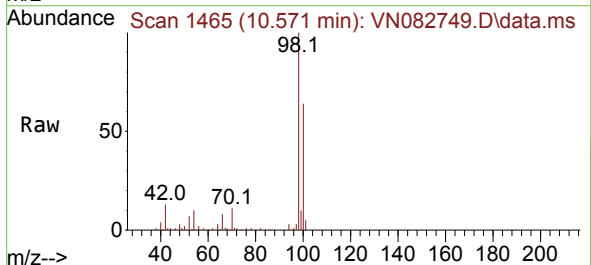


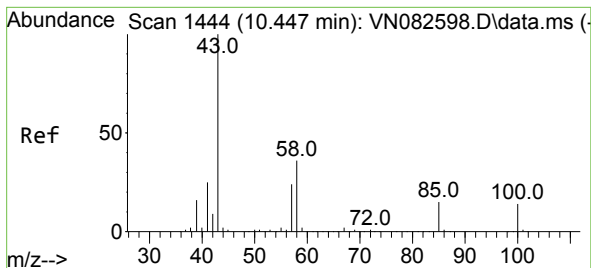
Tgt Ion: 43 Resp: 4632
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 52.723 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Tgt Ion: 98 Resp: 175674
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3

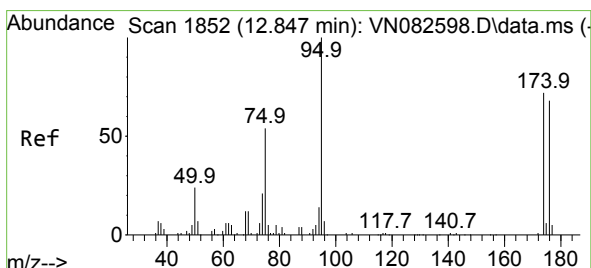
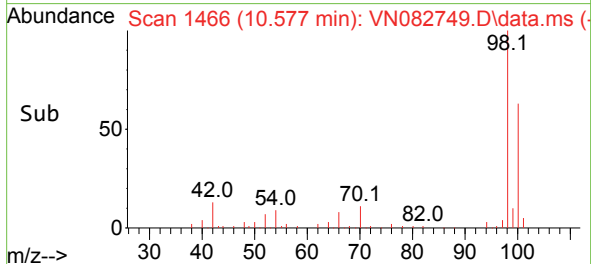
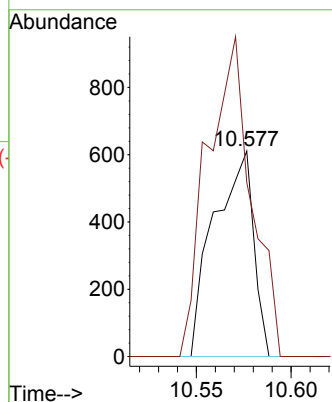
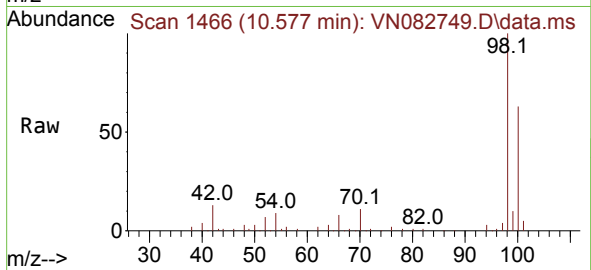




#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 10.577 min Scan# 1444
Delta R.T. 0.130 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

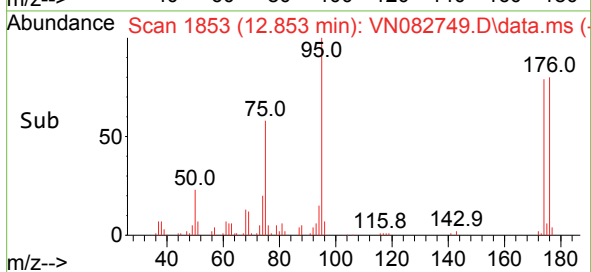
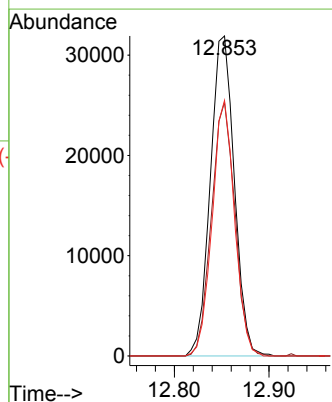
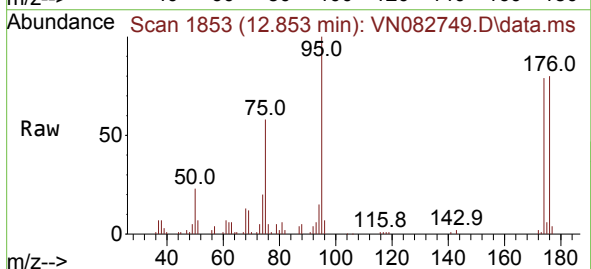
Instrument :
MSVOA_N
ClientSampleId :

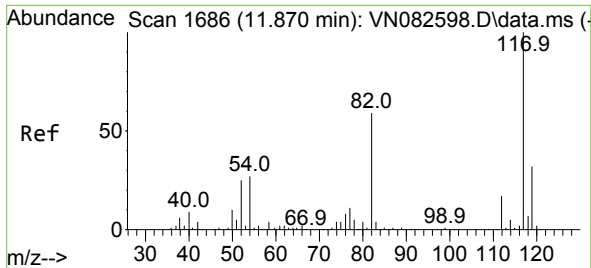
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
58 173.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 49.094 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Tgt Ion: 95 Resp: 56178
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 74.6 0.0 147.6

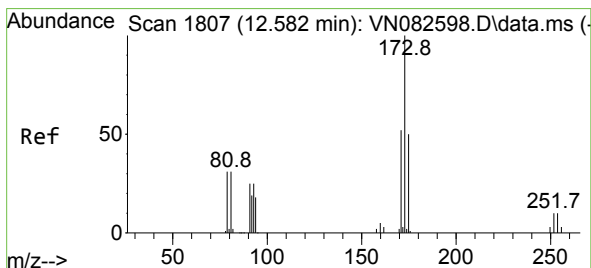
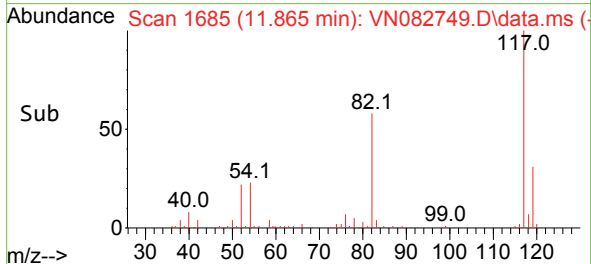
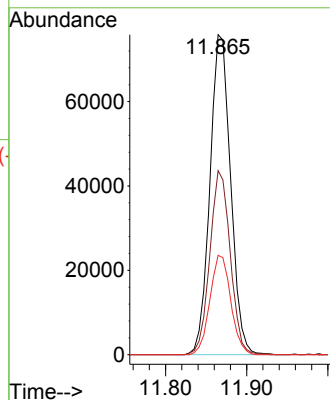
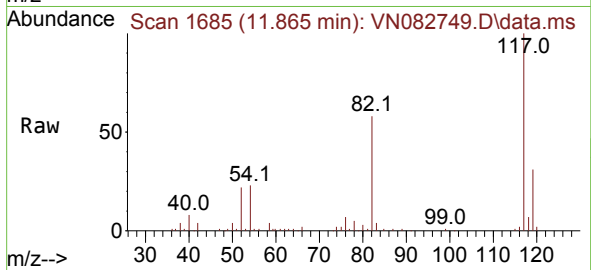




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

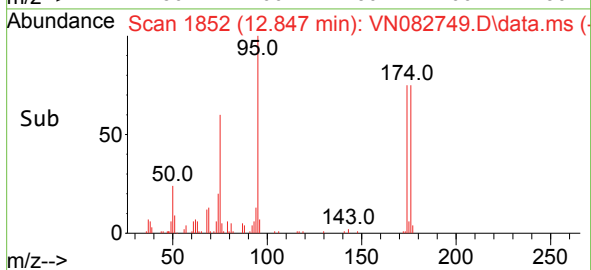
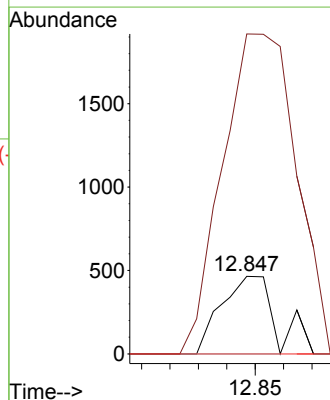
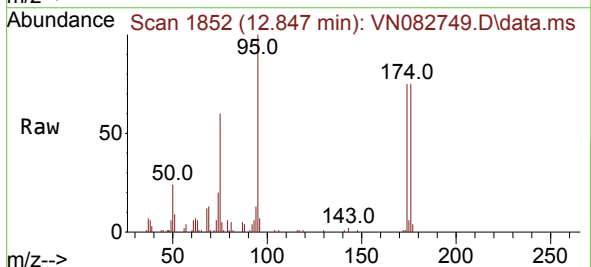
Instrument :
MSVOA_N
ClientSampleId :

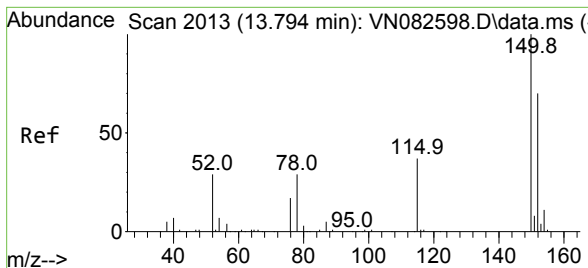
Tgt Ion:117 Resp: 134250
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.1 25.6 38.4



#71
Bromoform
Concen: 0.656 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Tgt Ion:173 Resp: 537
Ion Ratio Lower Upper
173 100
175 533.0 24.0 72.0#
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: VN082749.D

Acq: 28 Jun 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

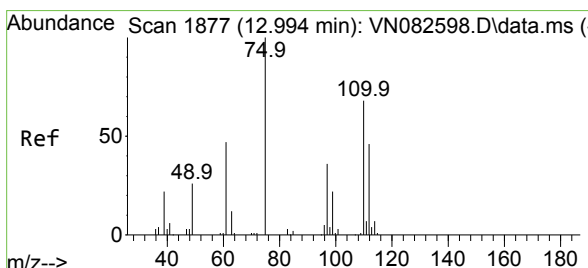
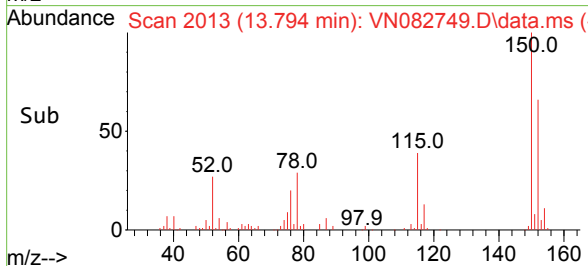
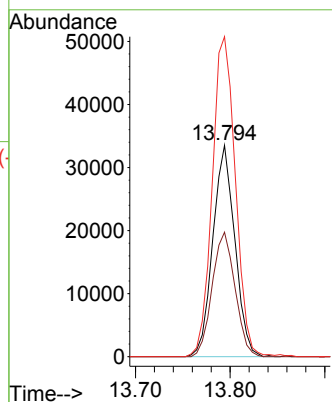
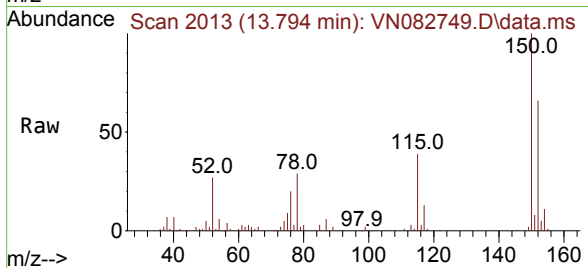
Tgt Ion:152 Resp: 54153

Ion Ratio Lower Upper

152 100

115 61.1 30.6 91.6

150 159.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.160 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082749.D

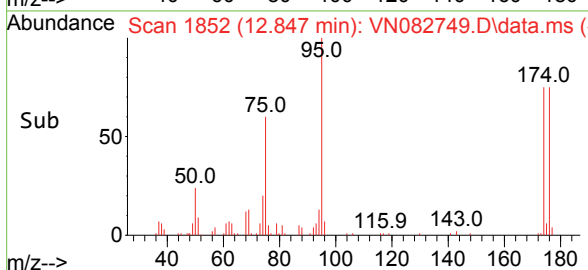
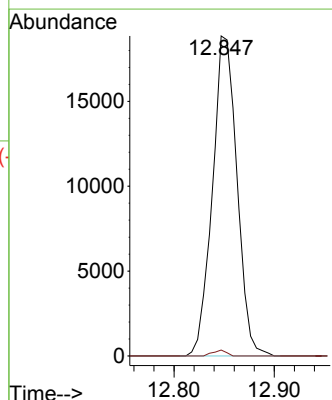
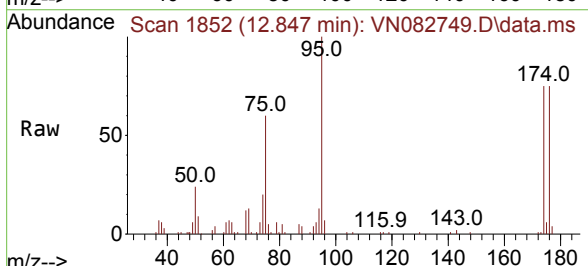
Acq: 28 Jun 2024 16:36

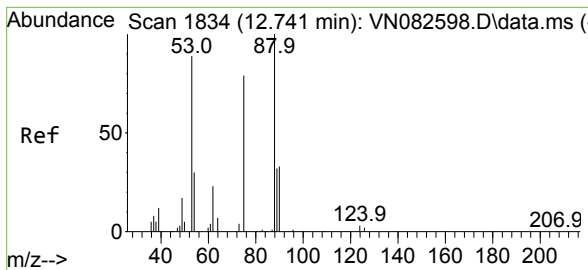
Tgt Ion: 75 Resp: 32082

Ion Ratio Lower Upper

75 100

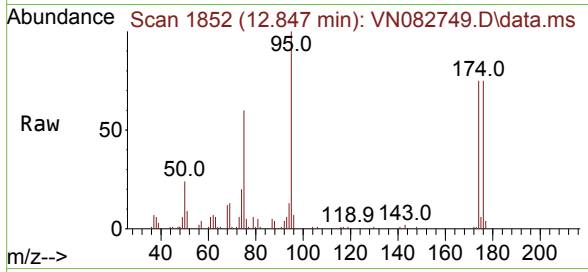
77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.832 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

