

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082705.D
 Acq On : 25 Jun 2024 09:56
 Operator : JC\MD
 Sample : VN0625WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 01:17:21 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

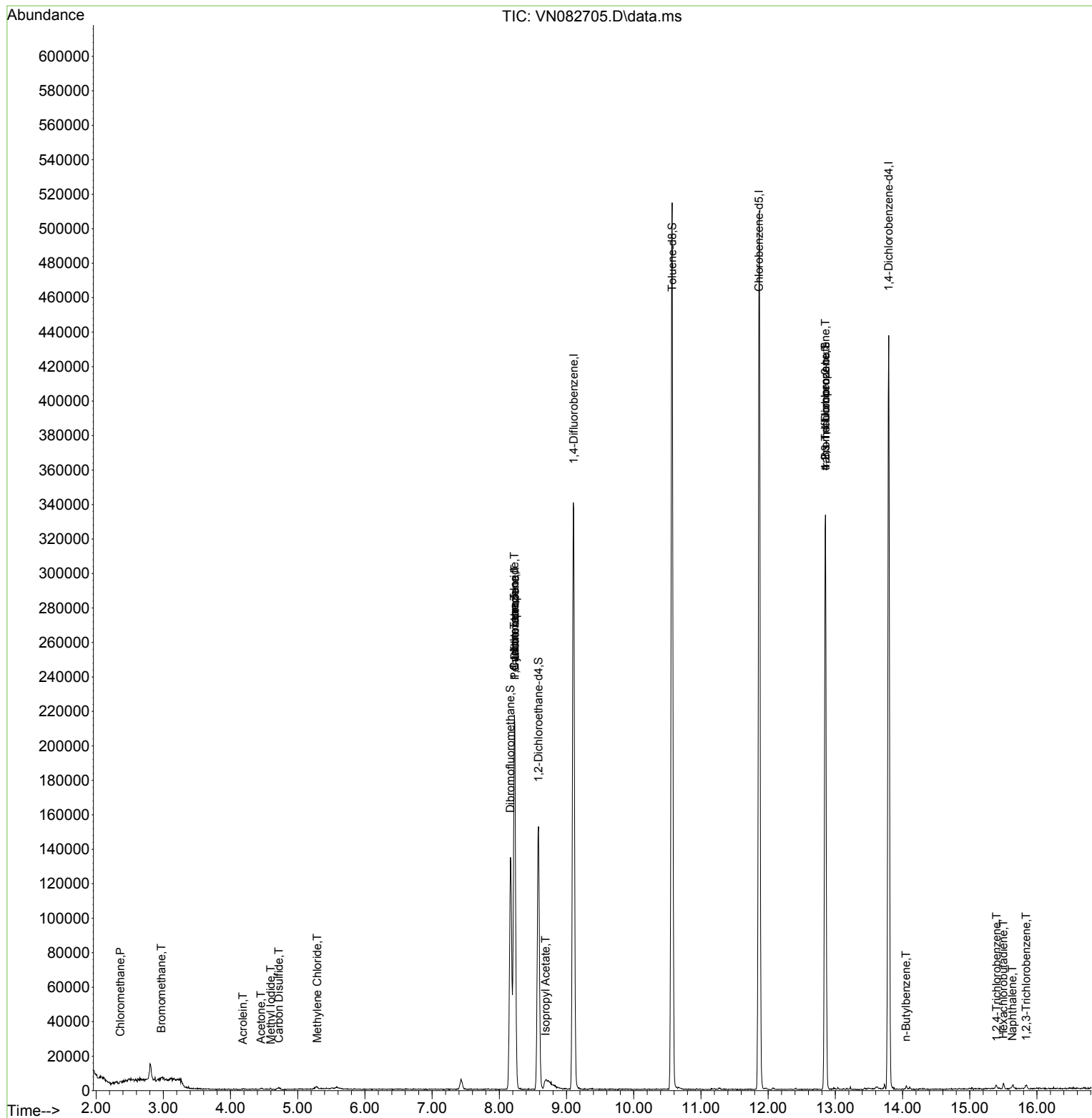
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	151943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124647	51.156	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.320%
35) Dibromofluoromethane	8.165	113	93603	49.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.571	98	332840	46.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.853	95	105715	43.157	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.320%
Target Compounds						Qvalue
3) Chloromethane	2.360	50	525	0.206	ug/l #	81
5) Bromomethane	2.971	94	1079	0.692	ug/l #	64
10) Methyl Iodide	4.601	142	425	0.252	ug/l #	62
13) Acrolein	4.183	56	294	0.724	ug/l #	70
16) Acetone	4.453	43	1016	0.917	ug/l #	48
17) Carbon Disulfide	4.718	76	2173	0.404	ug/l #	75
20) Methylene Chloride	5.289	84	923	0.474	ug/l #	47
31) Cyclohexane	8.224	56	4381	1.246	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	13882	4.943	ug/l #	48
38) Carbon Tetrachloride	8.224	117	15850	5.008	ug/l #	17
43) Isopropyl Acetate	8.688	43	4900	0.733	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	60696	22.196	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60696	53.101	ug/l #	6
89) n-Butylbenzene	14.053	91	1644	0.276	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	897	0.440	ug/l	84
94) Hexachlorobutadiene	15.500	225	901	0.896	ug/l	80
95) Naphthalene	15.635	128	3162	0.504	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	1094	0.526	ug/l	92

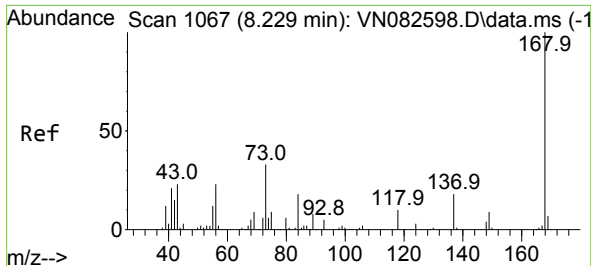
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0625WBL01
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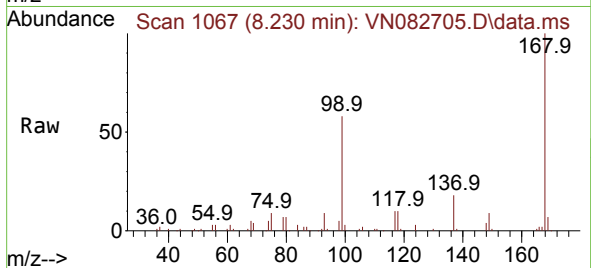
Quant Time: Jun 26 01:17:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



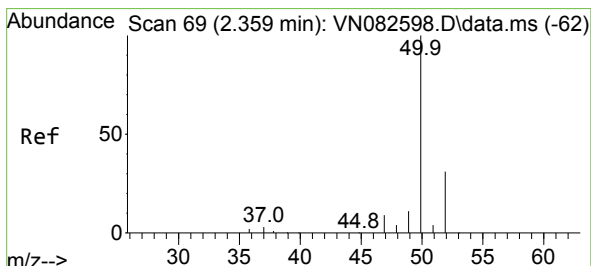
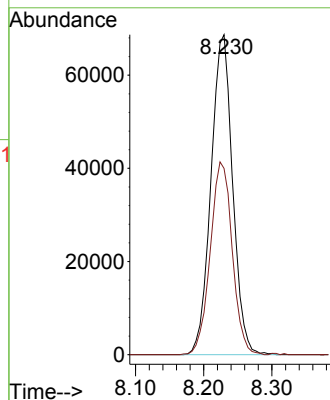
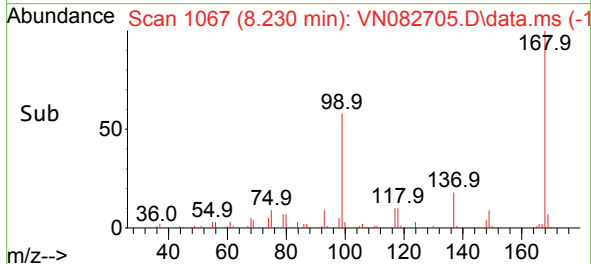


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :

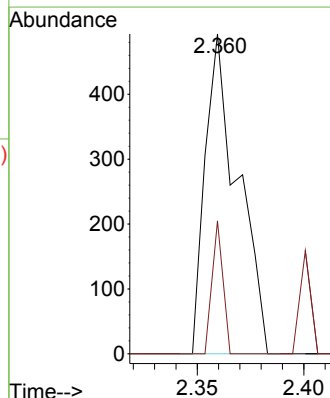
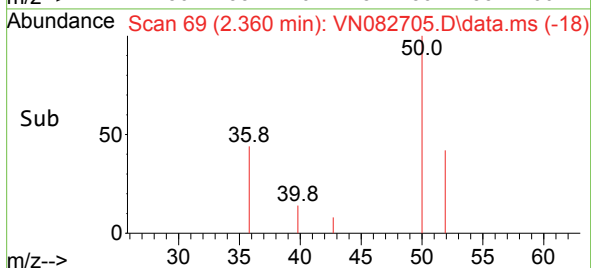
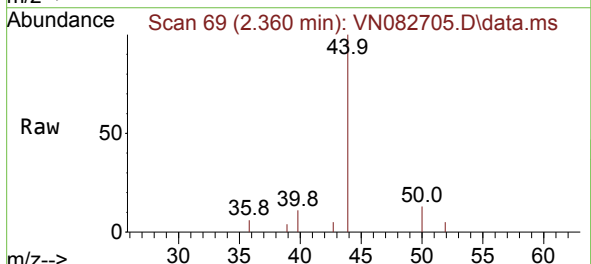


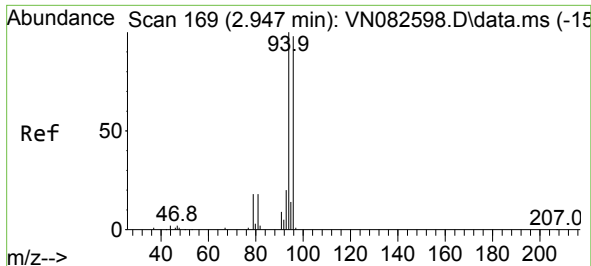
Tgt Ion:168 Resp: 151943
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 41.6 25.0 37.4#

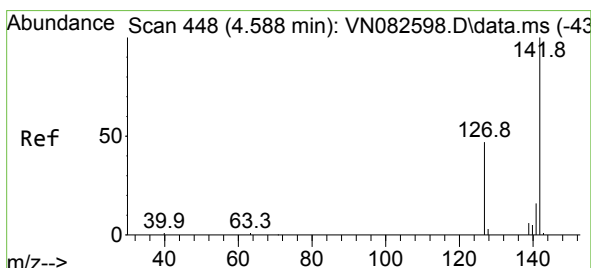
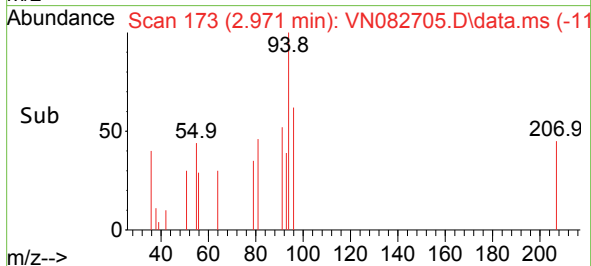
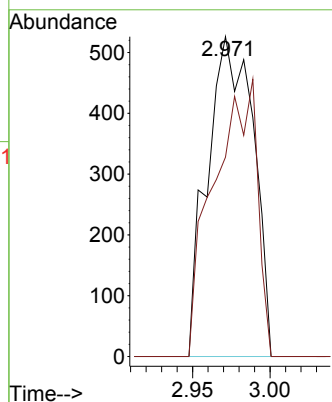
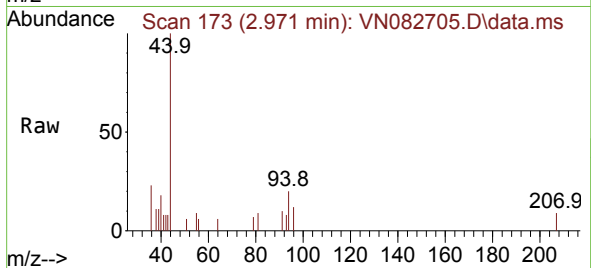




#5
Bromomethane
Concen: 0.692 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

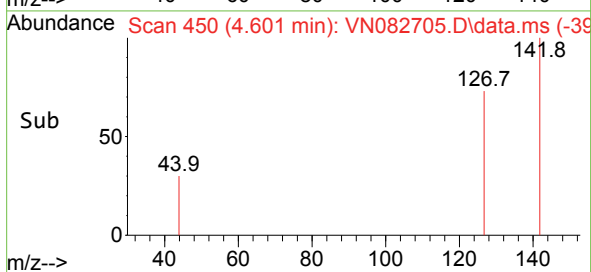
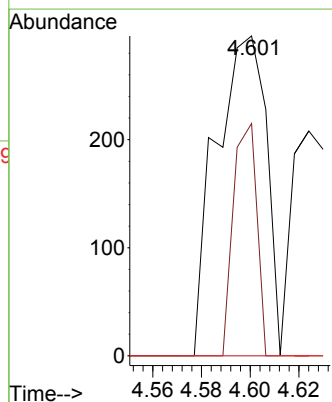
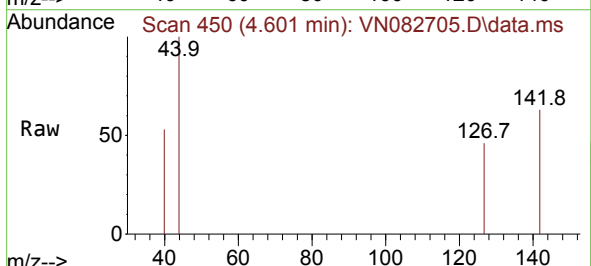
Instrument :
MSVOA_N
ClientSampleId :

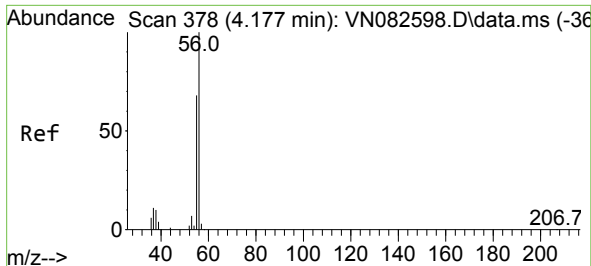
Tgt Ion: 94 Resp: 1079
Ion Ratio Lower Upper
94 100
96 62.4 78.0 117.0#



#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

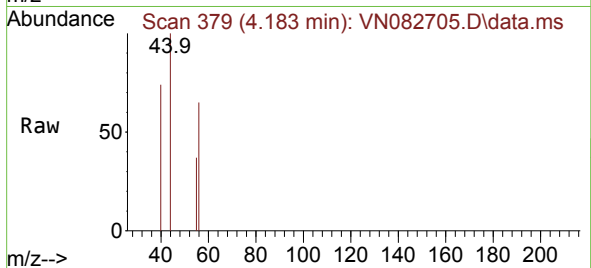
Tgt Ion:142 Resp: 425
Ion Ratio Lower Upper
142 100
127 72.6 37.5 56.3#
141 0.0 13.1 19.7#



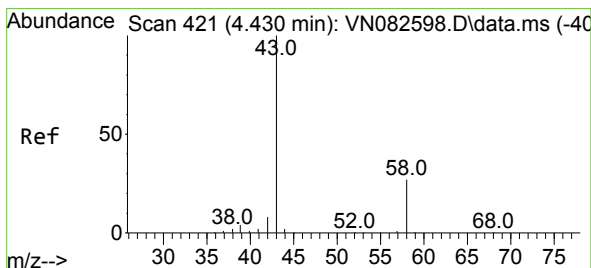
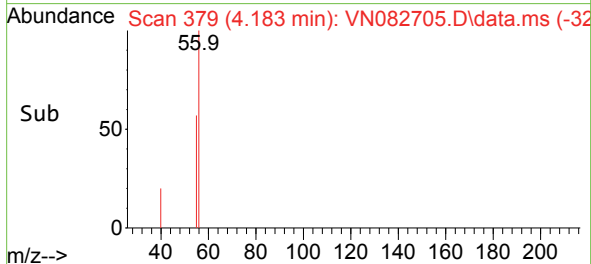
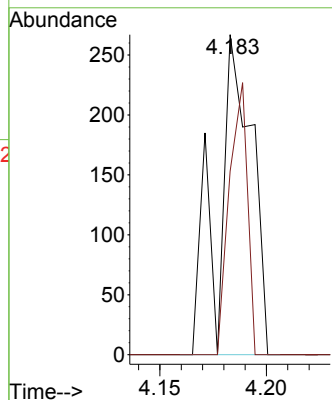


#13
Acrolein
Concen: 0.724 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :

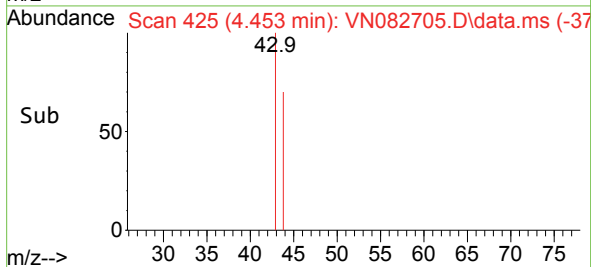
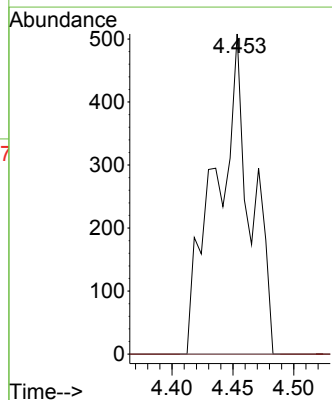
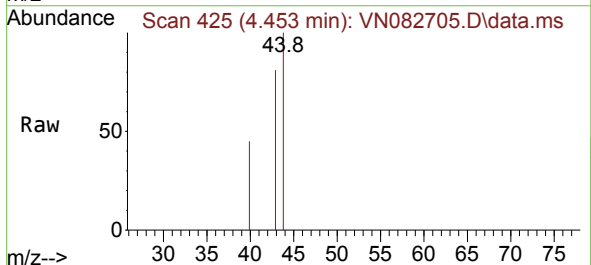


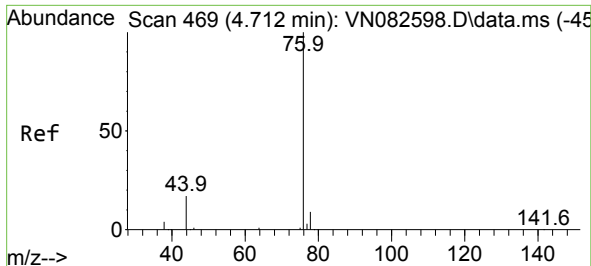
Tgt Ion: 56 Resp: 294
Ion Ratio Lower Upper
56 100
55 45.6 56.4 84.6#



#16
Acetone
Concen: 0.917 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

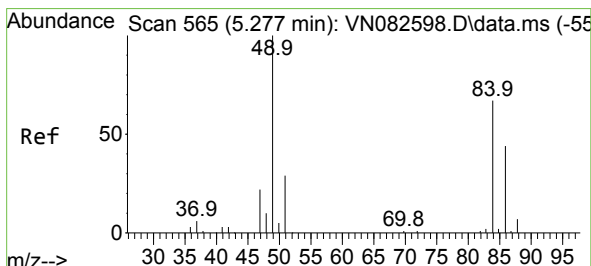
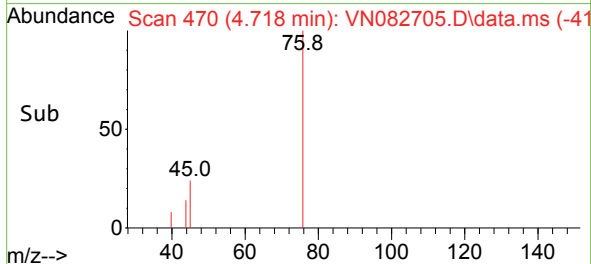
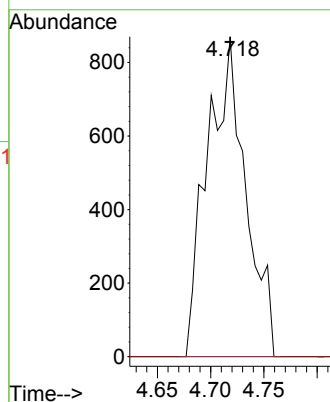
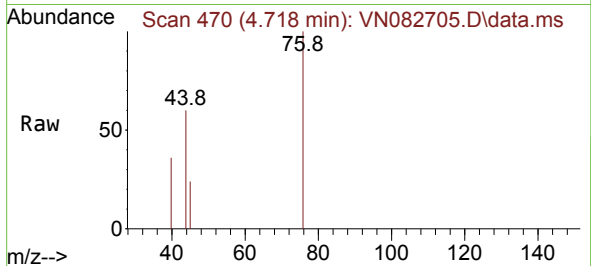




#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

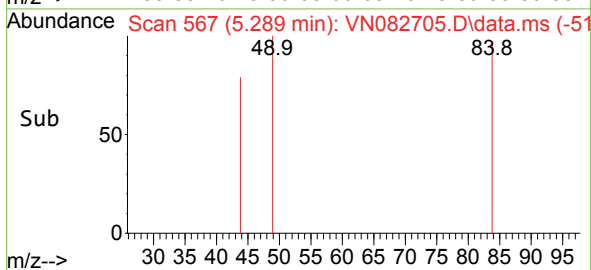
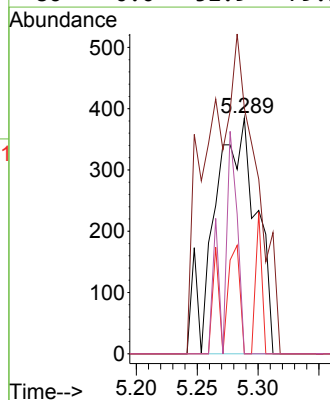
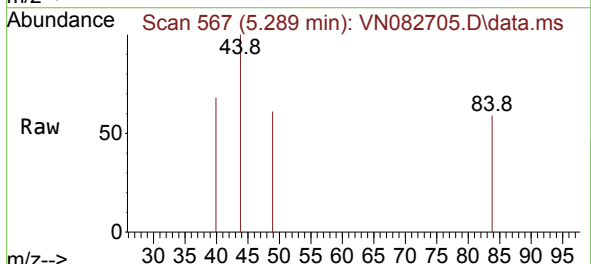
Instrument :
MSVOA_N
ClientSampleId :

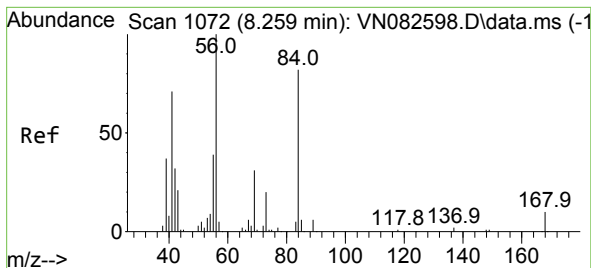
Tgt Ion: 76 Resp: 2173
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.474 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Tgt Ion: 84 Resp: 923
Ion Ratio Lower Upper
84 100
49 104.2 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#





#31

Cyclohexane

Concen: 1.246 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

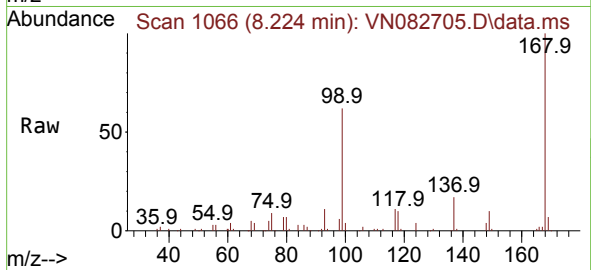
Lab File: VN082705.D

Acq: 25 Jun 2024 09:56

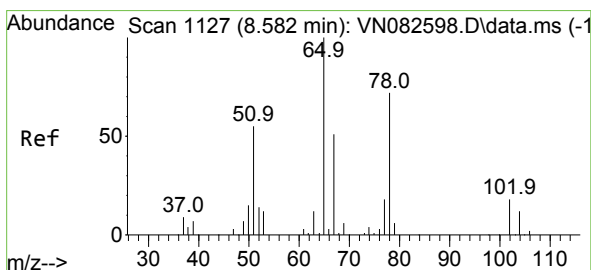
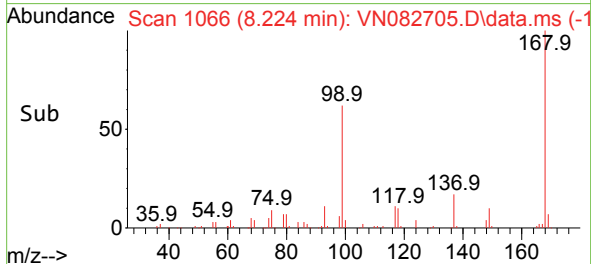
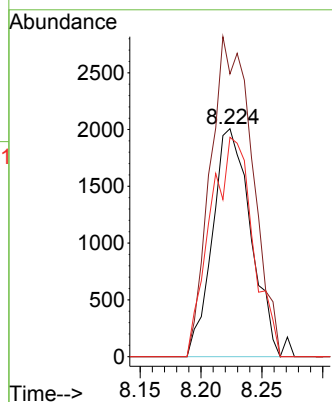
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 4381
Ion Ratio	Lower Upper
56	100
69	124.0 24.5 36.7#
84	96.2 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 51.156 ug/l

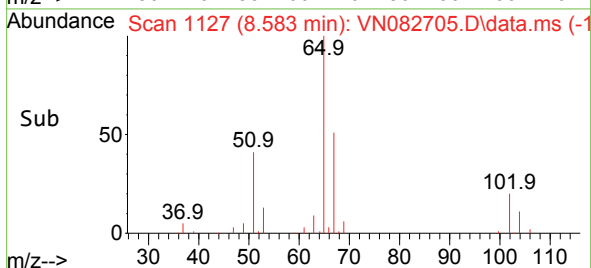
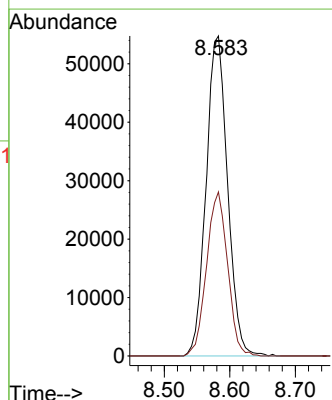
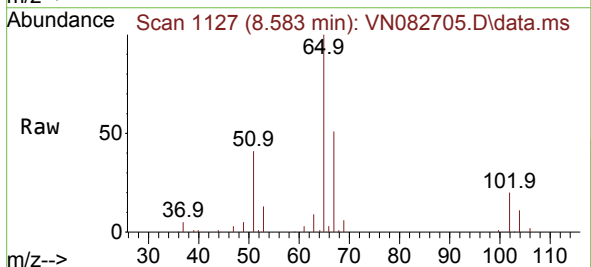
RT: 8.583 min Scan# 1127

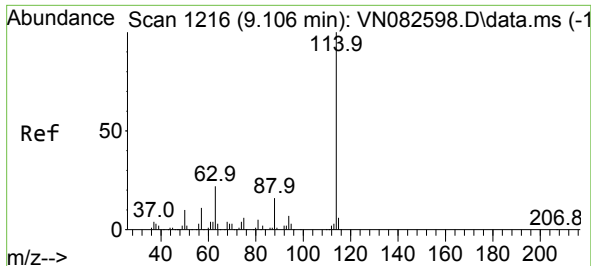
Delta R.T. 0.000 min

Lab File: VN082705.D

Acq: 25 Jun 2024 09:56

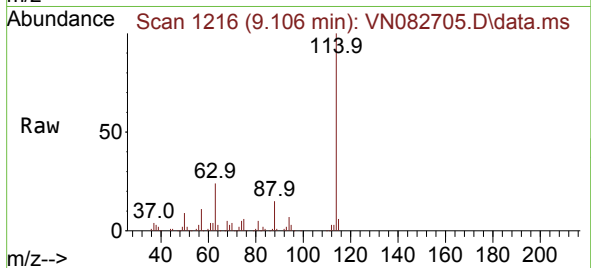
Tgt Ion: 65	Resp: 124647
Ion Ratio	Lower Upper
65	100
67	50.2 0.0 104.4



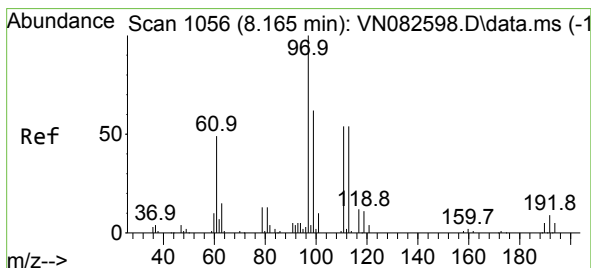
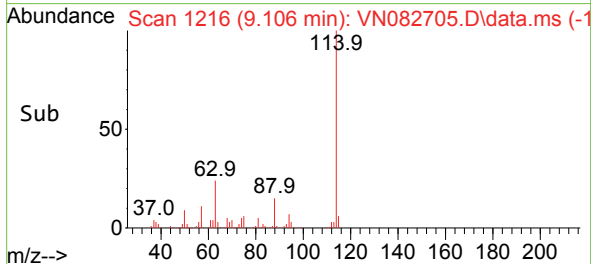
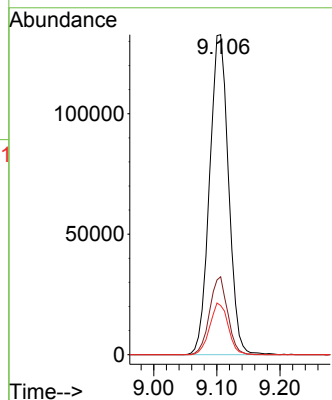


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :

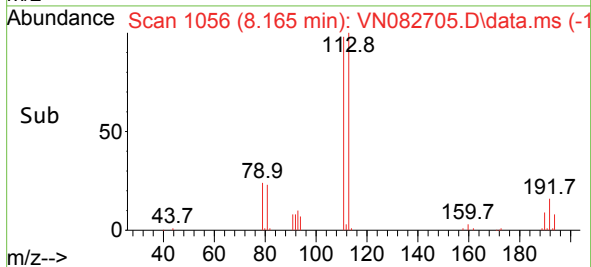
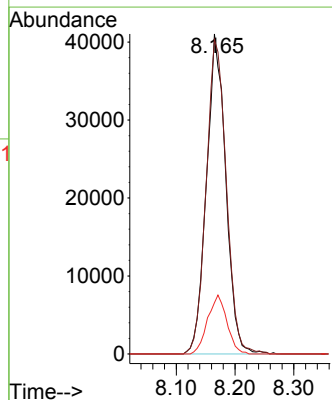
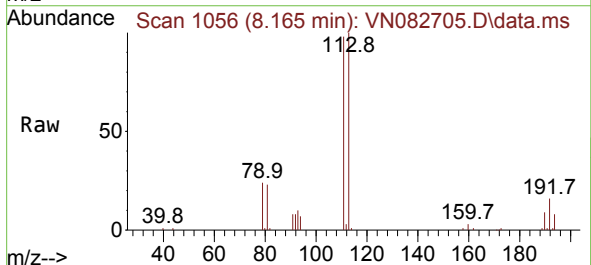


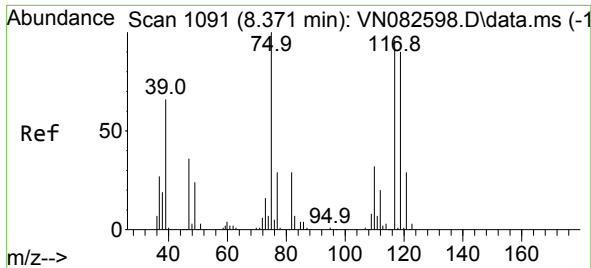
Tgt Ion:114 Resp: 276953
Ion Ratio Lower Upper
114 100
63 24.4 0.0 44.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.820 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

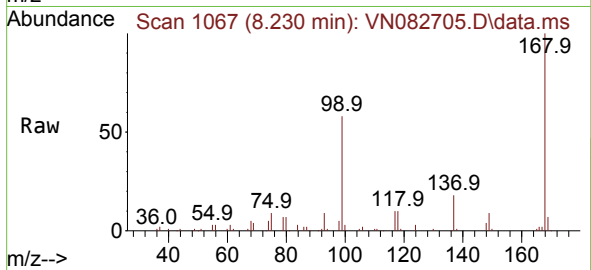
Tgt Ion:113 Resp: 93603
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 18.4 14.9 22.3



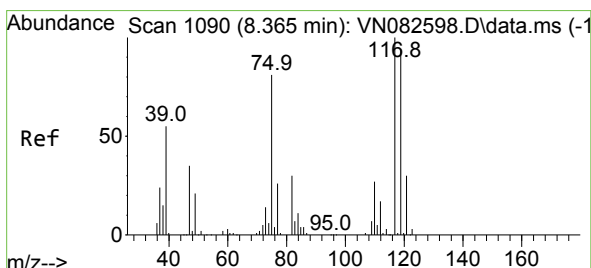
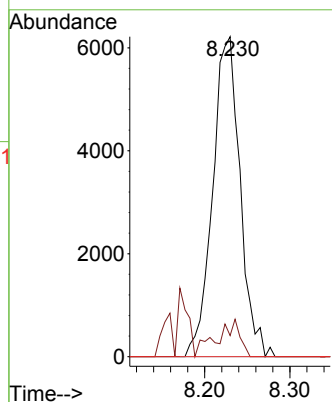
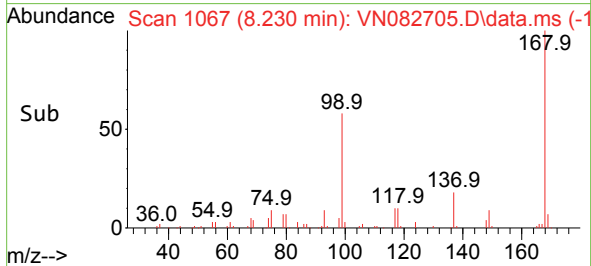


#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

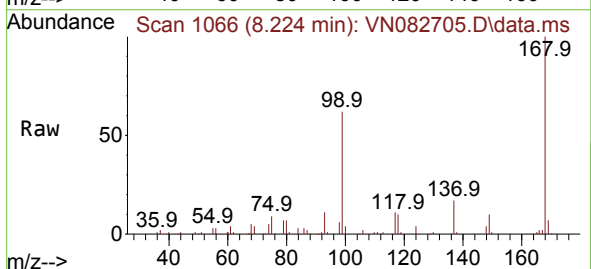
Instrument :
MSVOA_N
ClientSampleId :



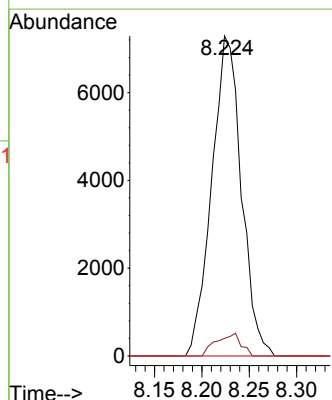
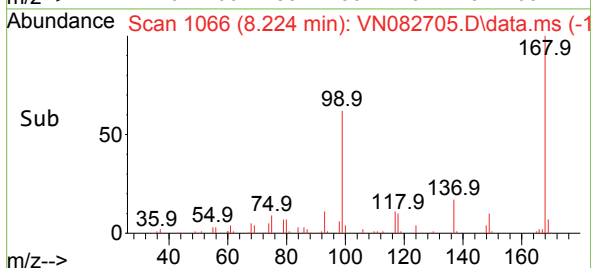
Tgt Ion: 75 Resp: 13882
Ion Ratio Lower Upper
75 100
110 6.0 16.3 48.9#
77 0.0 24.6 37.0#

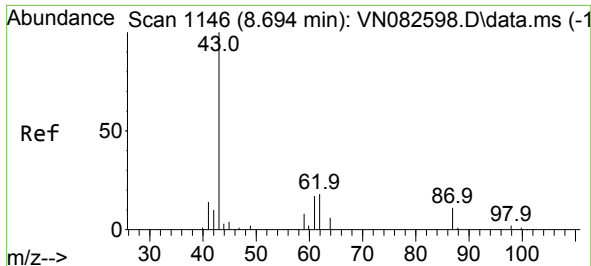


#38
Carbon Tetrachloride
Concen: 5.008 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56



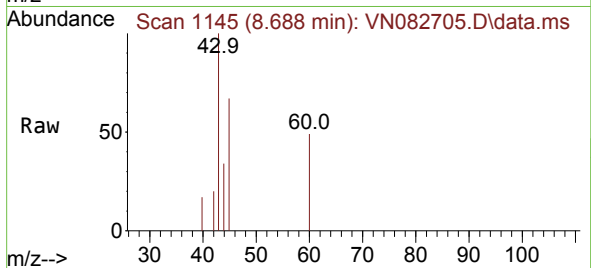
Tgt Ion: 117 Resp: 15850
Ion Ratio Lower Upper
117 100
119 5.5 74.9 112.3#
121 0.0 24.3 36.5#



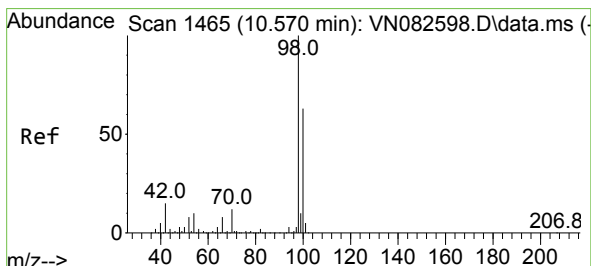
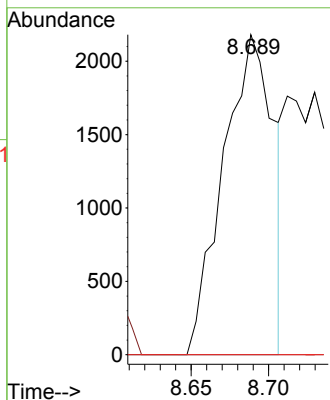
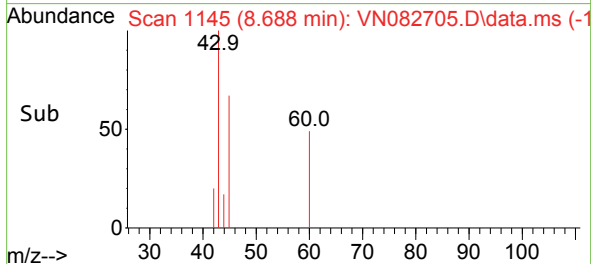


#43
Isopropyl Acetate
Concen: 0.733 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :

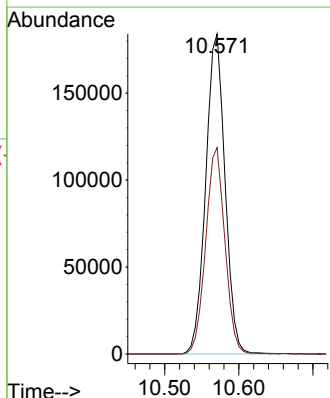
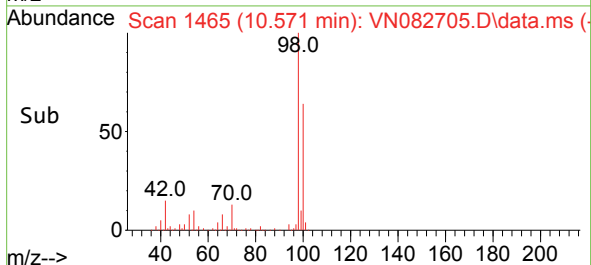
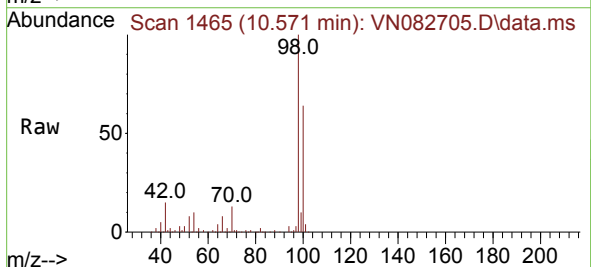


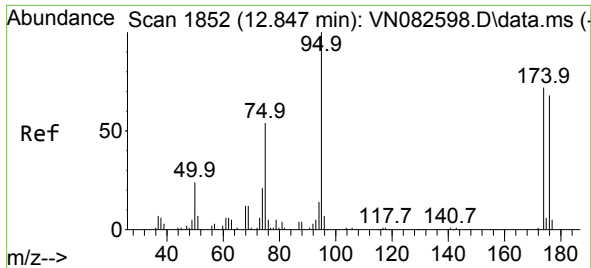
Tgt Ion: 43 Resp: 4900
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 46.846 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Tgt Ion: 98 Resp: 332840
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

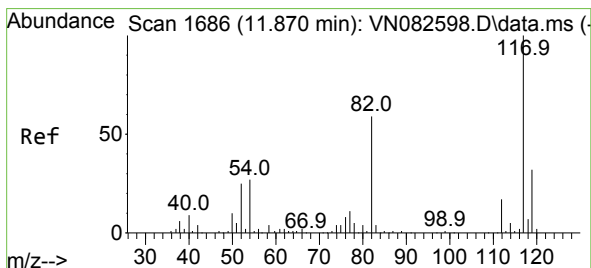
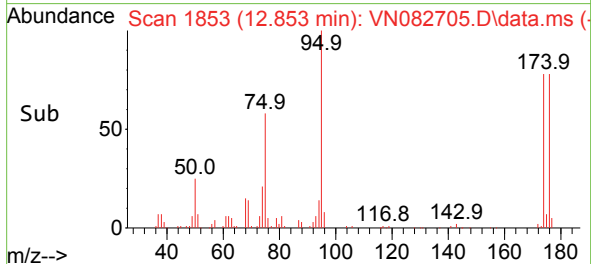
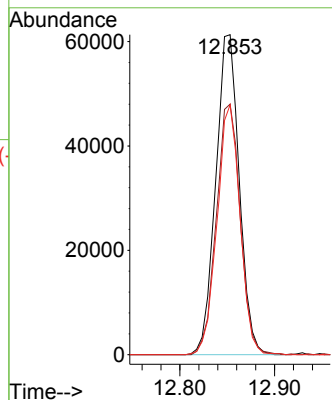
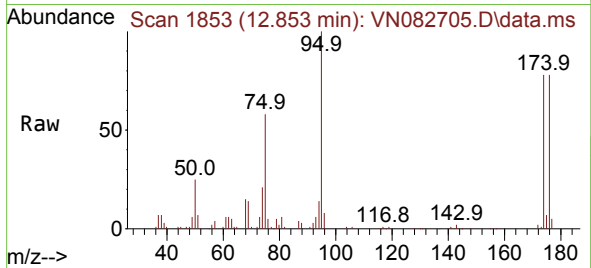




#62
4-Bromofluorobenzene
Concen: 43.157 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

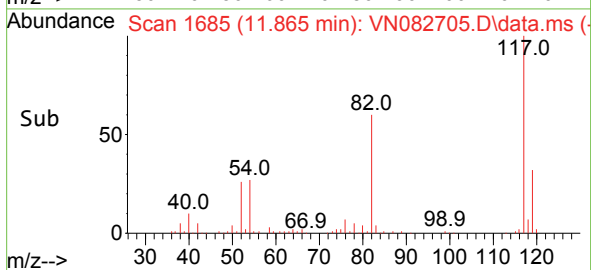
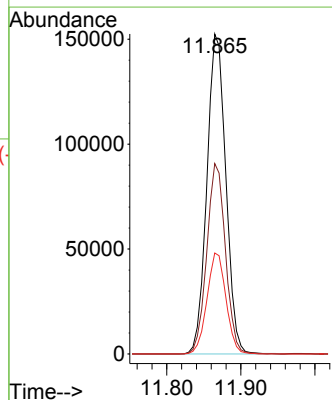
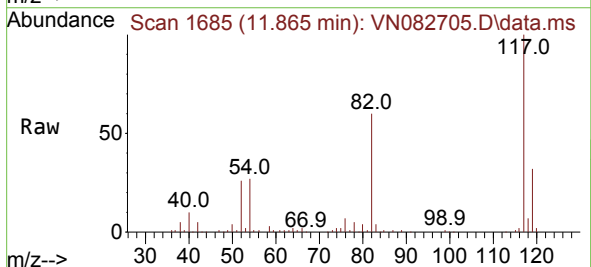
Instrument :
MSVOA_N
ClientSampleId :

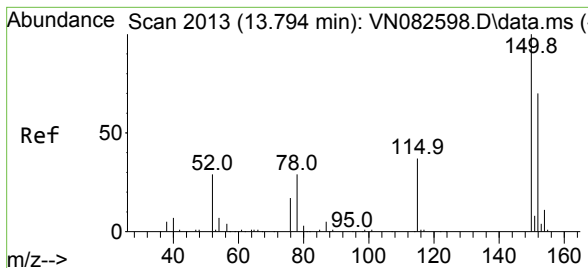
Tgt Ion: 95 Resp: 105715
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.2
176 76.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Tgt Ion: 117 Resp: 270778
Ion Ratio Lower Upper
117 100
82 59.5 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: VN082705.D

Acq: 25 Jun 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

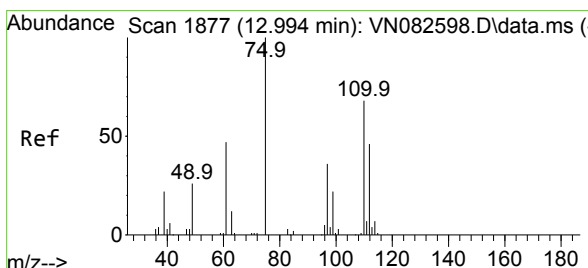
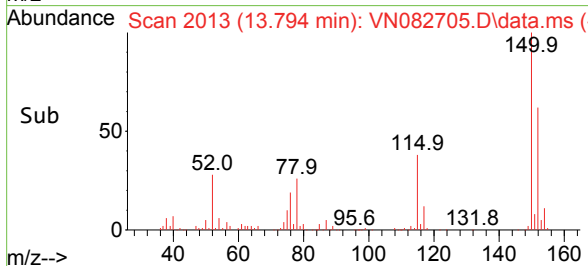
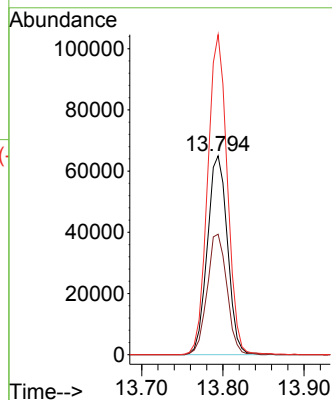
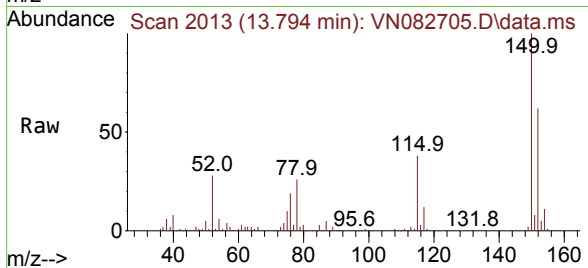
Tgt Ion:152 Resp: 111806

Ion Ratio Lower Upper

152 100

115 59.6 30.6 91.6

150 157.0 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 22.196 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082705.D

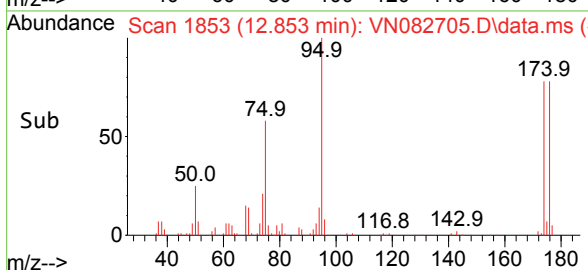
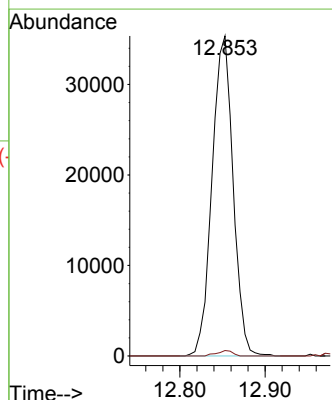
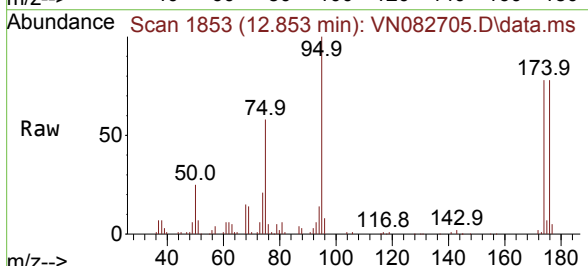
Acq: 25 Jun 2024 09:56

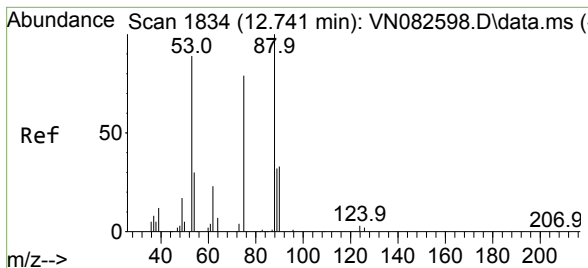
Tgt Ion: 75 Resp: 60696

Ion Ratio Lower Upper

75 100

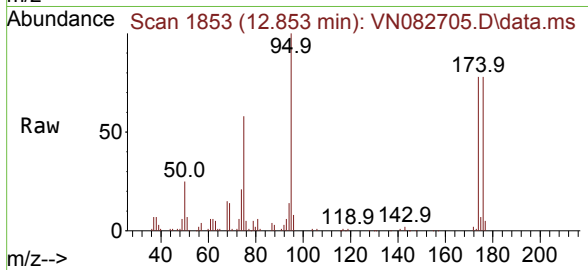
77 1.3 110.9 332.6#



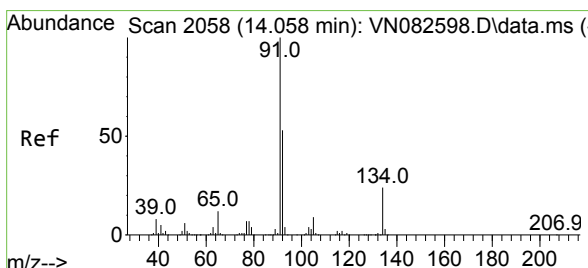
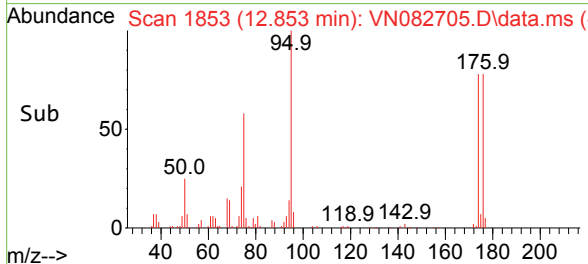
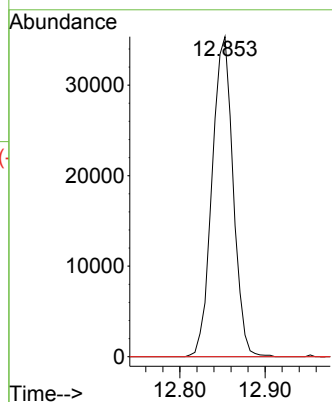


#81
trans-1,4-Dichloro-2-butene
Concen: 53.101 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :

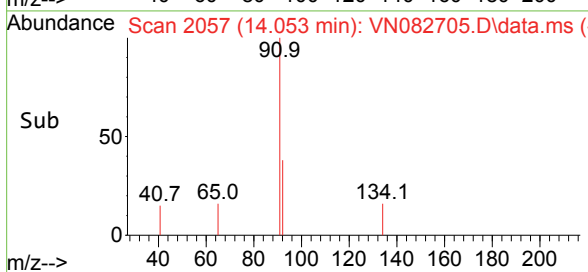
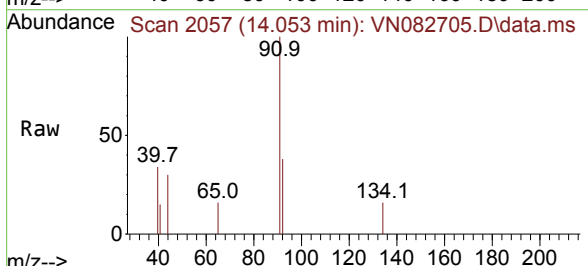
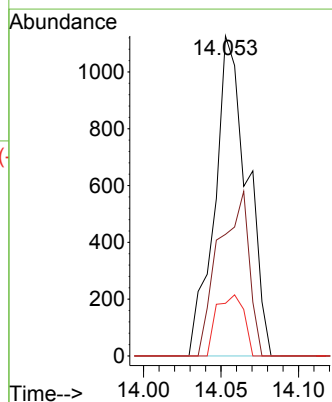


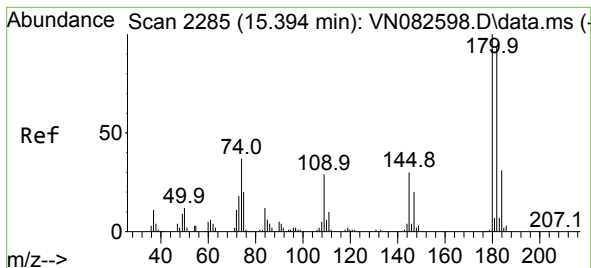
Tgt Ion: 75 Resp: 60696
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#89
n-Butylbenzene
Concen: 0.276 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN082705.D
Acq: 25 Jun 2024 09:56

Tgt Ion: 91 Resp: 1644
Ion Ratio Lower Upper
91 100
92 47.9 26.1 78.3
134 16.0 12.1 36.3





#93

1,2,4-Trichlorobenzene

Concen: 0.440 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

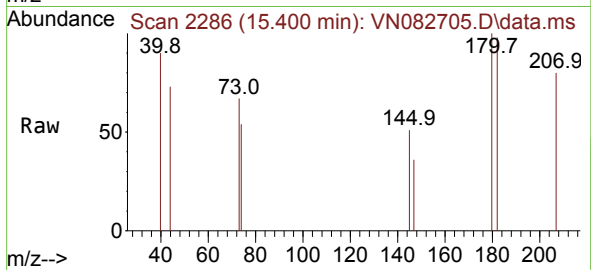
Lab File: VN082705.D

Acq: 25 Jun 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :



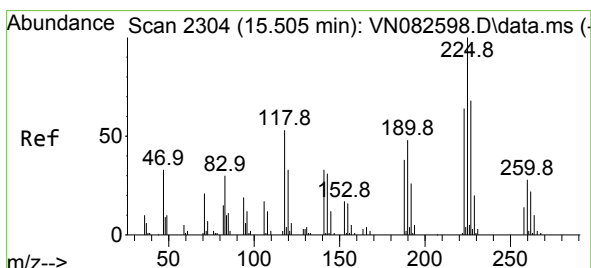
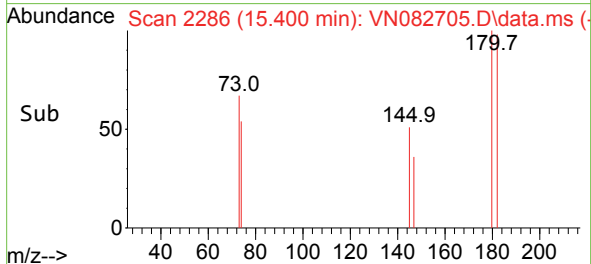
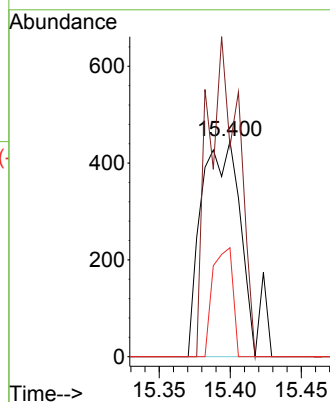
Tgt Ion:180 Resp: 897

Ion Ratio Lower Upper

180 100

182 110.8 47.3 141.8

145 24.5 15.7 47.1



#94

Hexachlorobutadiene

Concen: 0.896 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082705.D

Acq: 25 Jun 2024 09:56

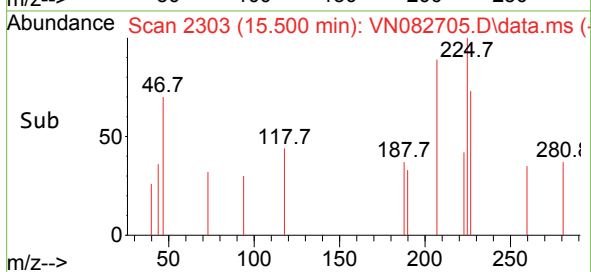
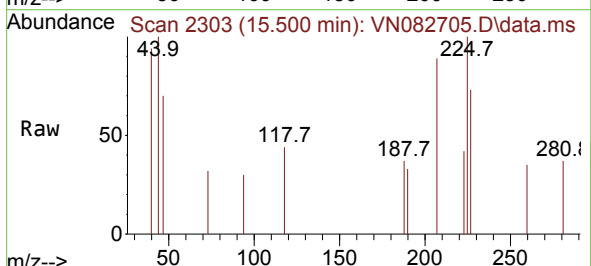
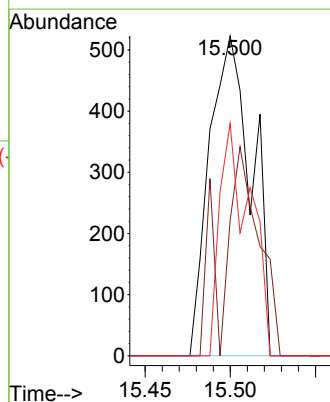
Tgt Ion:225 Resp: 901

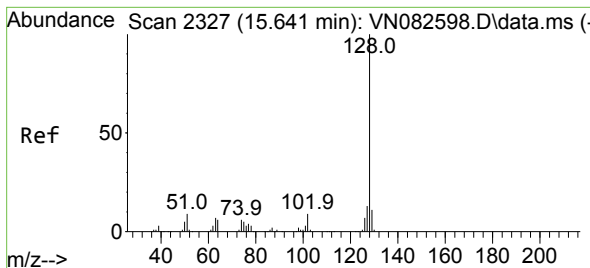
Ion Ratio Lower Upper

225 100

223 44.8 31.9 95.7

227 52.6 32.5 97.5





#95

Naphthalene

Concen: 0.504 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN082705.D

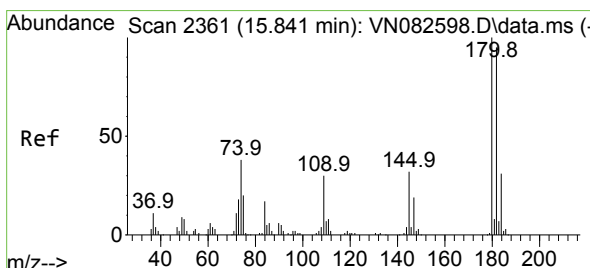
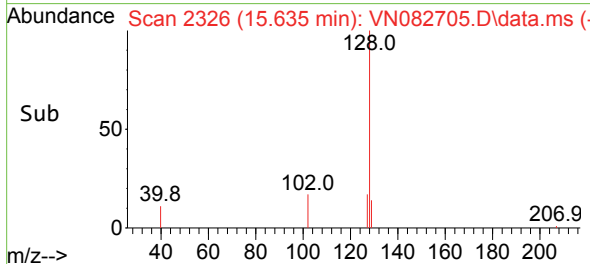
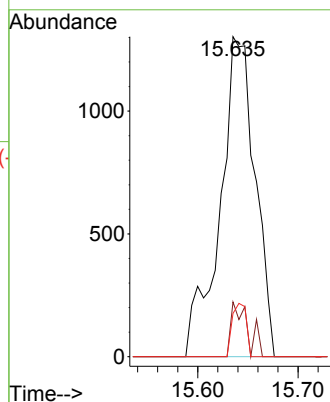
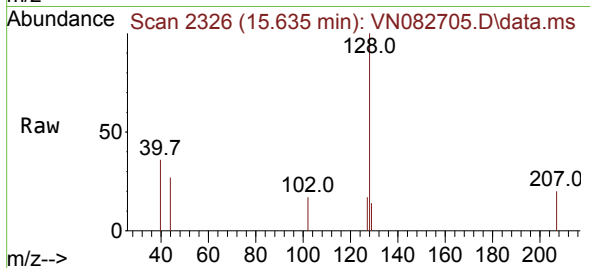
Acq: 25 Jun 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	3162
Ion Ratio	Lower	Upper
128	100	
127	8.2	10.6 16.0#
129	6.7	8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.526 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082705.D

Acq: 25 Jun 2024 09:56

Tgt Ion:180	Resp:	1094
Ion Ratio	Lower	Upper
180	100	
182	102.1	48.9 146.8
145	23.0	16.8 50.4

