

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082788.D
 Acq On : 02 Jul 2024 15:59
 Operator : JC\MD
 Sample : P3106-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:32:16 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)

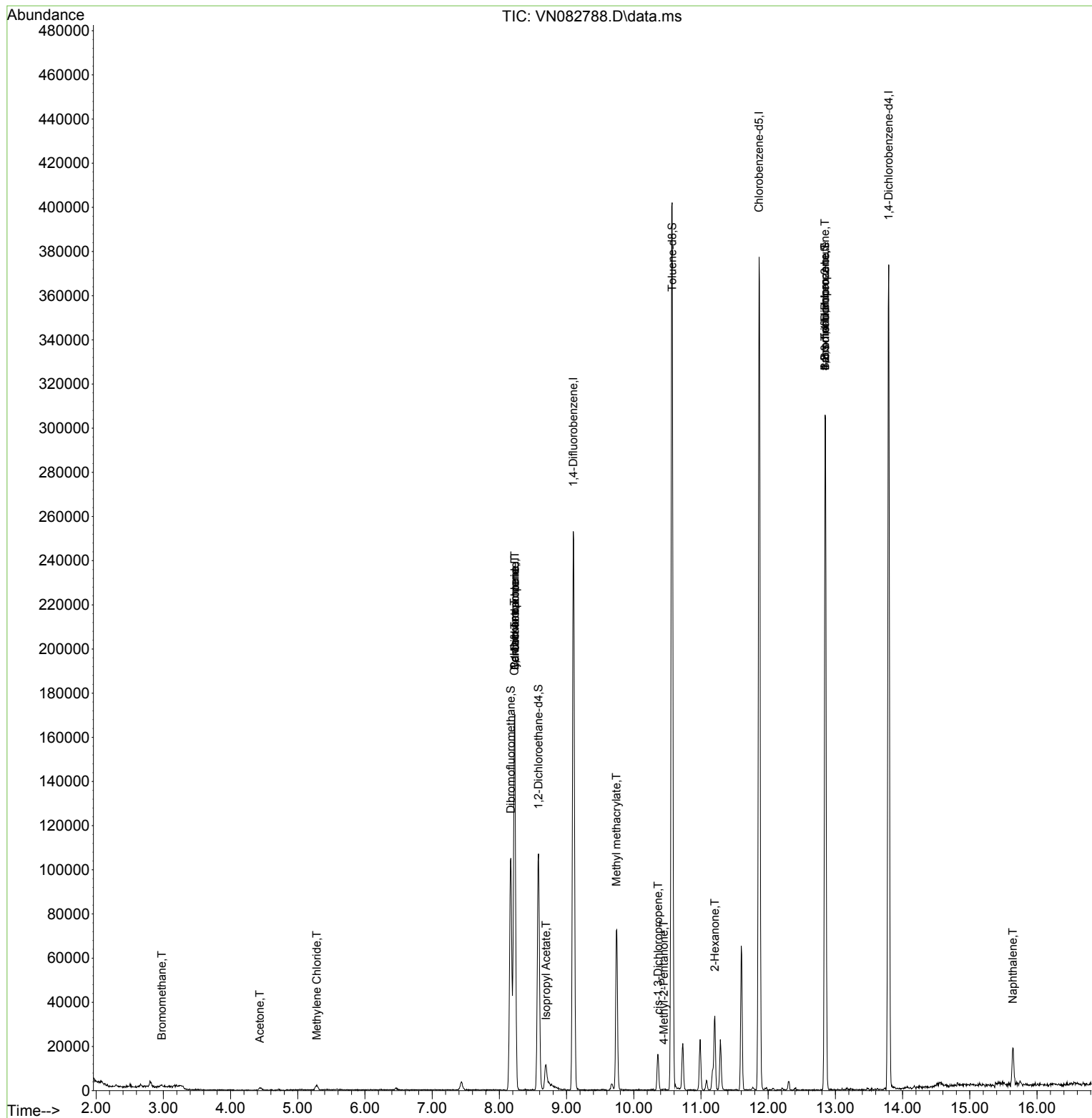
Internal Standards						
1) Pentafluorobenzene	8.230	168	119313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	219203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	89677	48.738	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.480%
35) Dibromofluoromethane	8.171	113	73823	51.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	10.571	98	277258	51.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.847	95	102948	55.541	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	487	0.339	ug/l #	79
16) Acetone	4.436	43	2353	3.375	ug/l	98
20) Methylene Chloride	5.283	84	1717	0.973	ug/l	83
31) Cyclohexane	8.224	56	2956	1.140	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	10860	5.235	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13745	5.665	ug/l #	15
43) Isopropyl Acetate	8.694	43	14791	3.380	ug/l #	82
48) Methyl methacrylate	9.741	41	7192	4.168	ug/l #	54
51) 4-Methyl-2-Pentanone	10.447	43	518	0.226	ug/l #	39
54) cis-1,3-Dichloropropene	10.365	75	2878	1.179	ug/l #	54
59) 2-Hexanone	11.206	43	3784	2.225	ug/l	72
71) Bromoform	12.847	173	331	0.251	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56950	26.573	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56950	69.300	ug/l #	6
95) Naphthalene	15.641	128	16860	3.211	ug/l	99

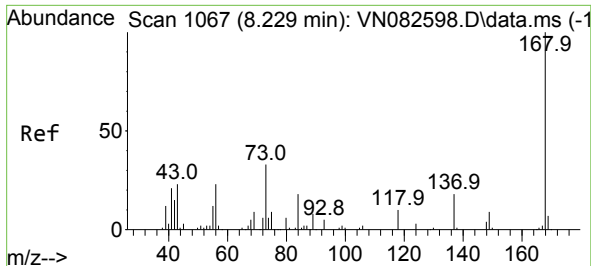
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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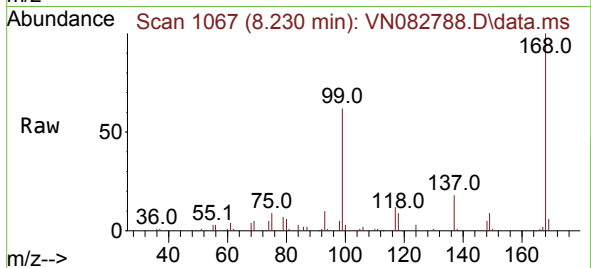
Quant Time: Jul 03 00:32:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



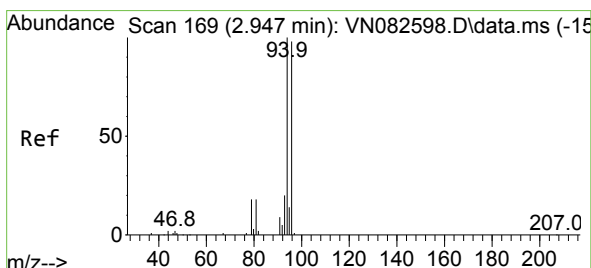
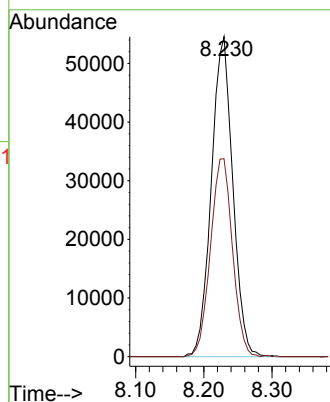
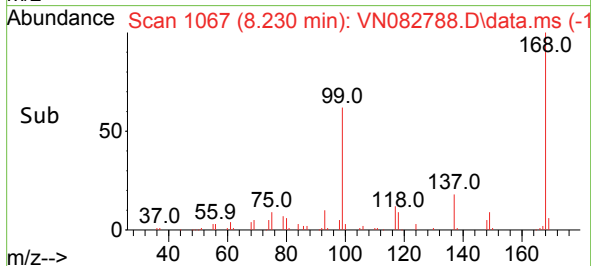


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

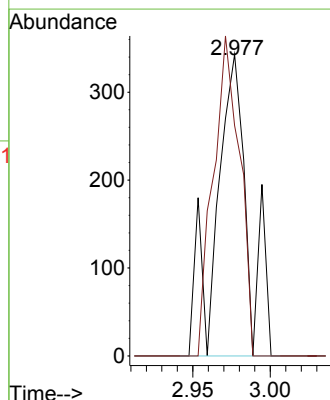
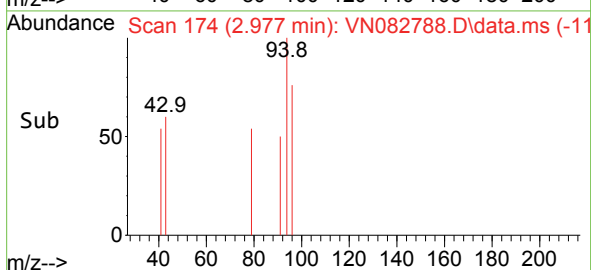
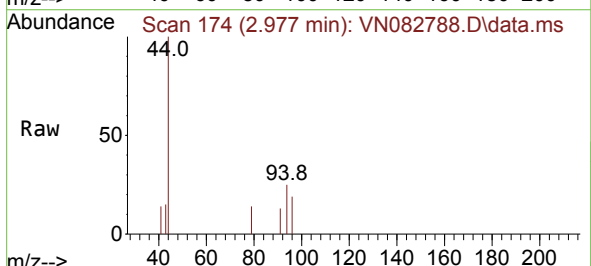


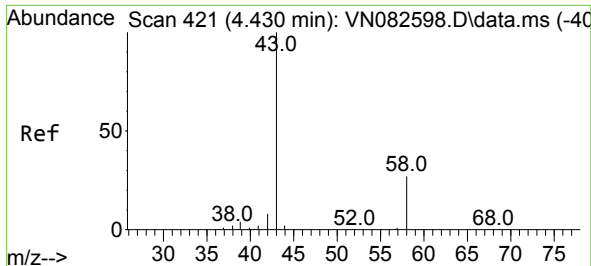
Tgt Ion:168 Resp: 119313
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#5
Bromomethane
Concen: 0.339 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Tgt Ion: 94 Resp: 487
Ion Ratio Lower Upper
94 100
96 76.4 78.0 117.0#





#16

Acetone

Concen: 3.375 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

Instrument :

MSVOA_N

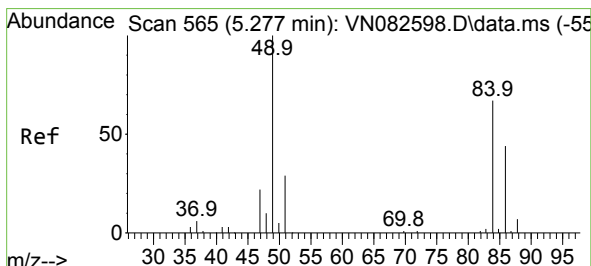
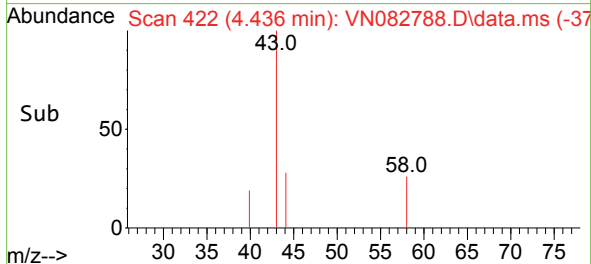
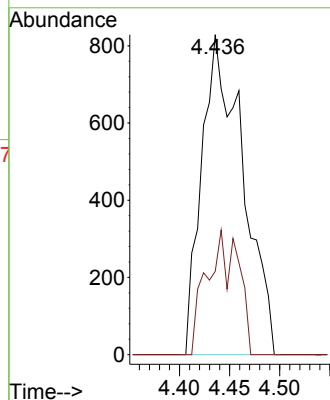
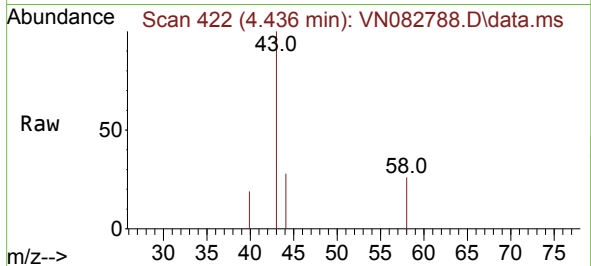
ClientSampleId :

Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

43 100

58 26.1 21.8 32.6



#20

Methylene Chloride

Concen: 0.973 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

Tgt Ion: 84 Resp: 1717

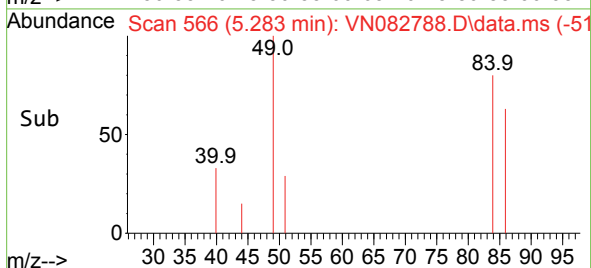
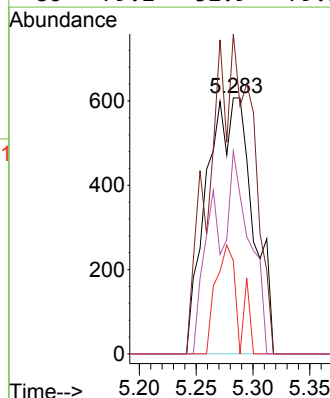
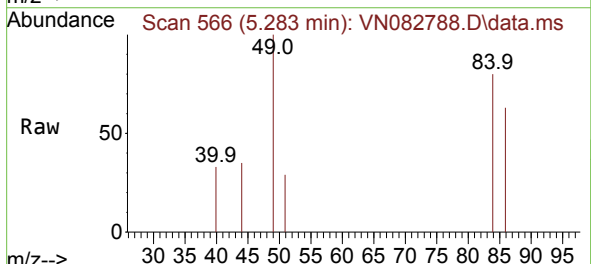
Ion Ratio Lower Upper

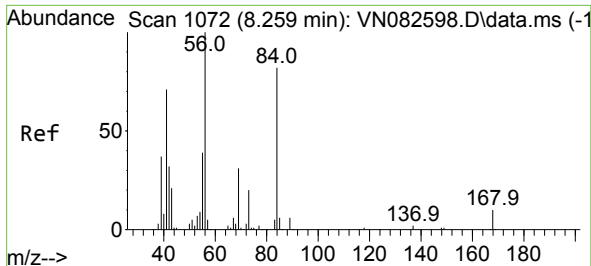
84 100

49 125.0 119.6 179.4

51 36.4 34.8 52.2

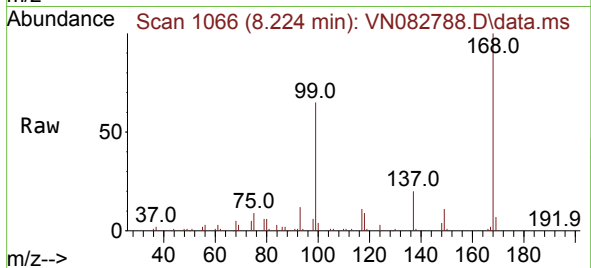
86 79.2 52.9 79.3



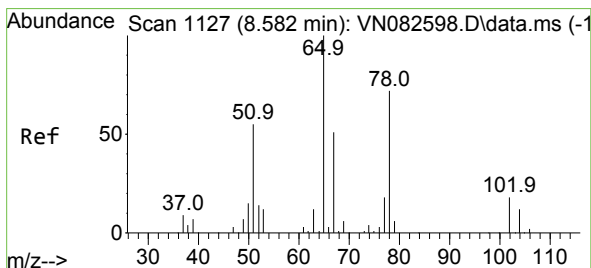
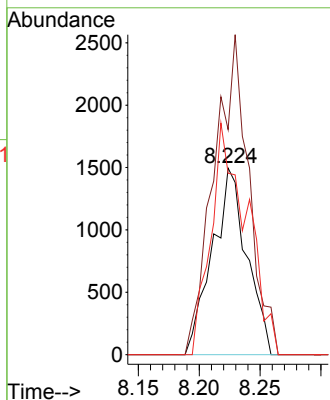
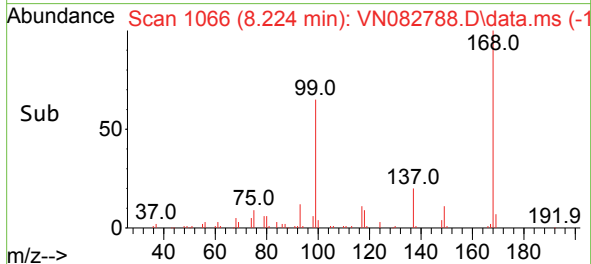


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

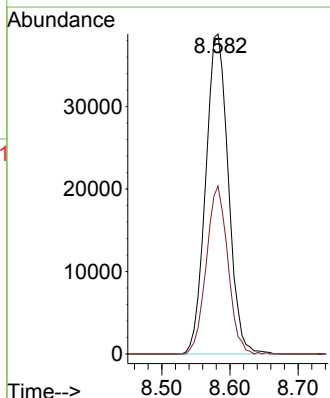
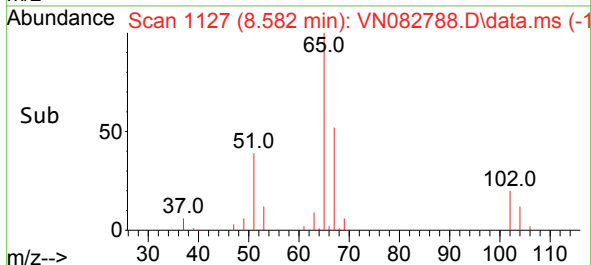
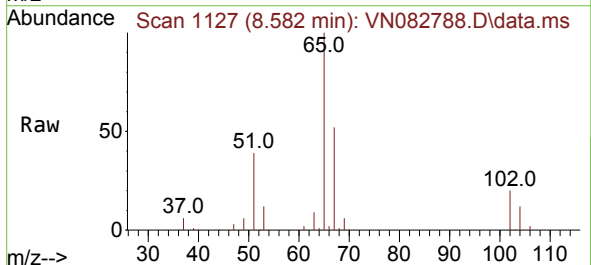


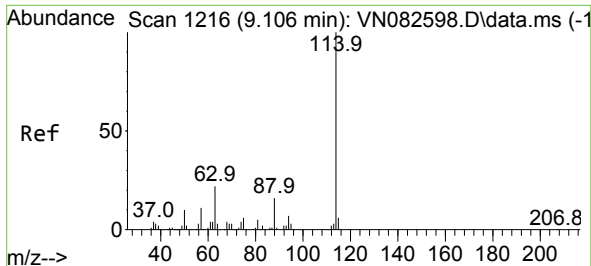
Tgt Ion: 56 Resp: 2956
Ion Ratio Lower Upper
56 100
69 120.6 24.5 36.7#
84 97.2 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 48.738 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

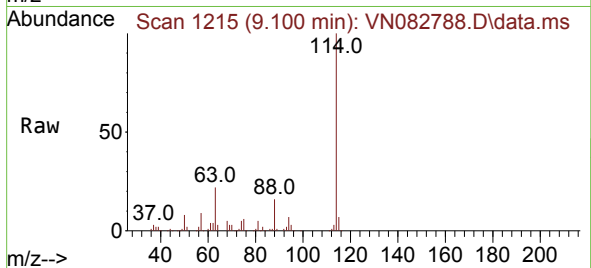
Tgt Ion: 65 Resp: 89677
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4



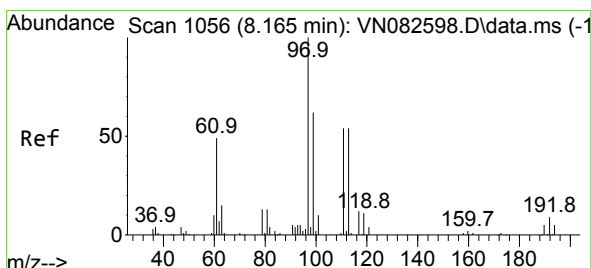
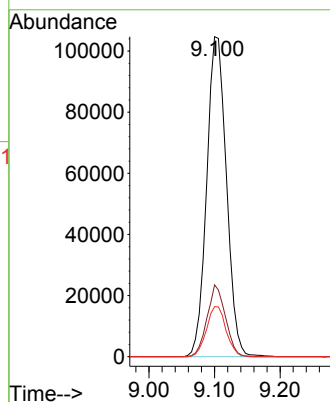
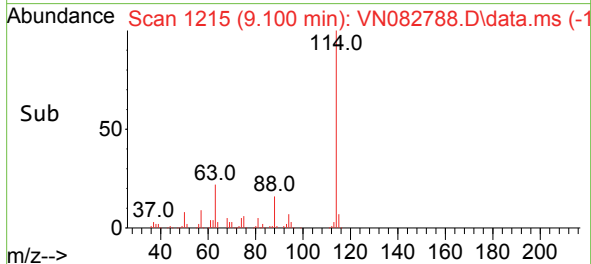


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

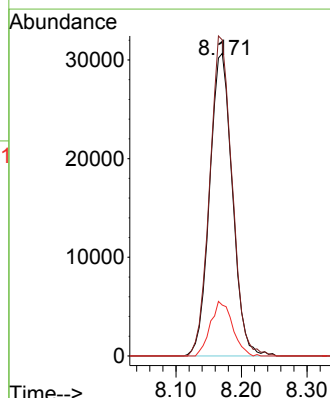
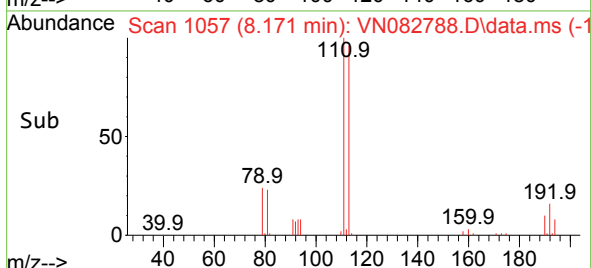
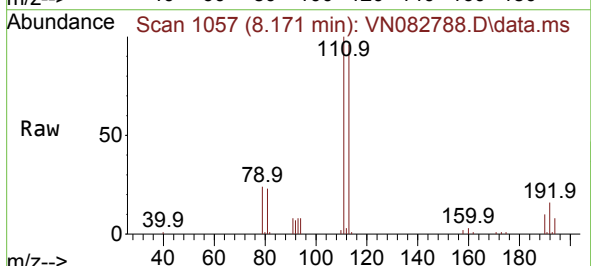


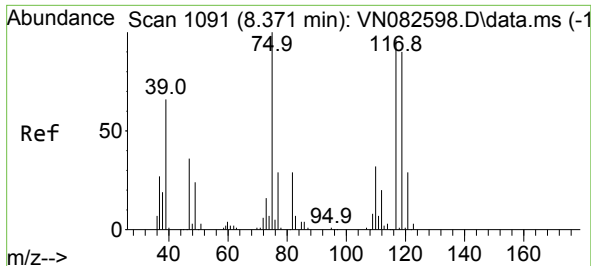
Tgt Ion:114 Resp: 219203
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.6
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Tgt Ion:113 Resp: 73823
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 17.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.235 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

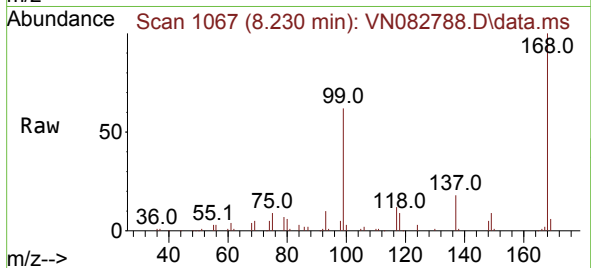
Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

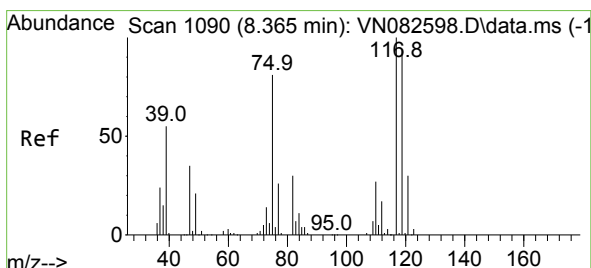
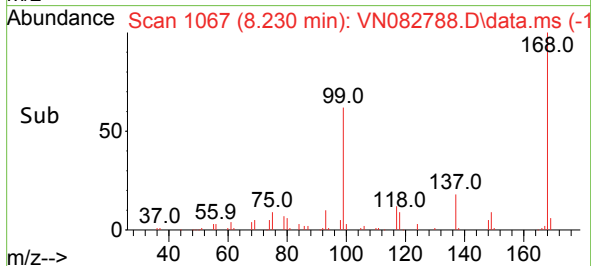
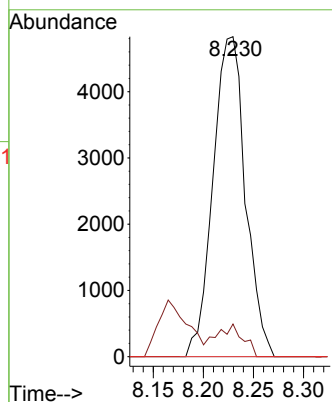
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	10860
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.665 ug/l

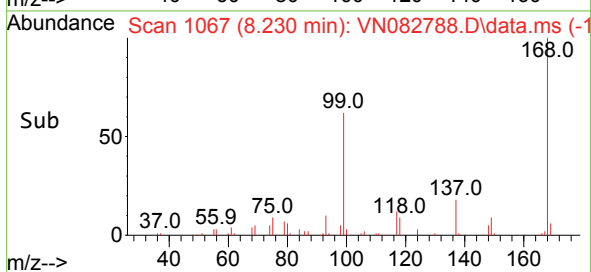
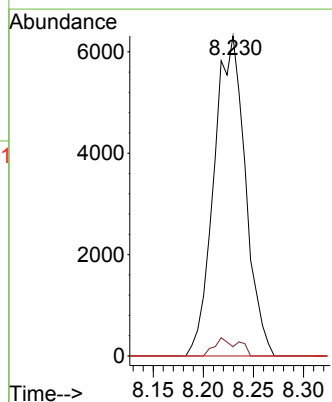
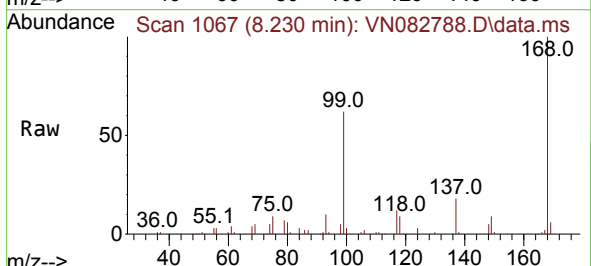
RT: 8.230 min Scan# 1067

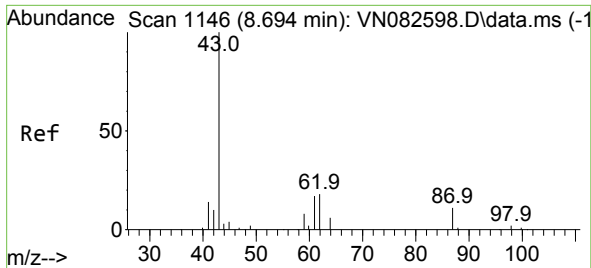
Delta R.T. -0.135 min

Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

Tgt Ion:	117	Resp:	13745
Ion	Ratio	Lower	Upper
117	100		
119	2.9	74.9	112.3#
121	0.0	24.3	36.5#

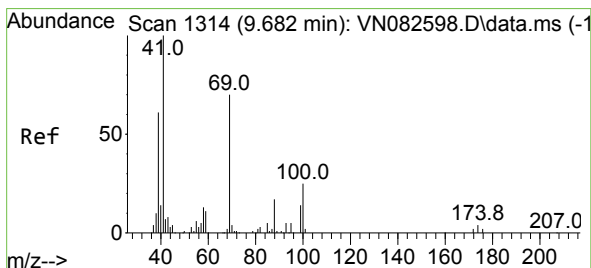
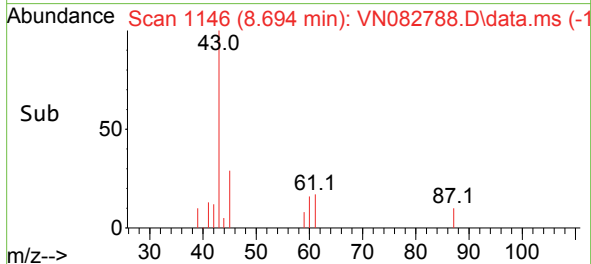
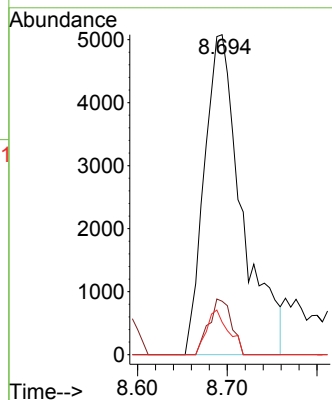
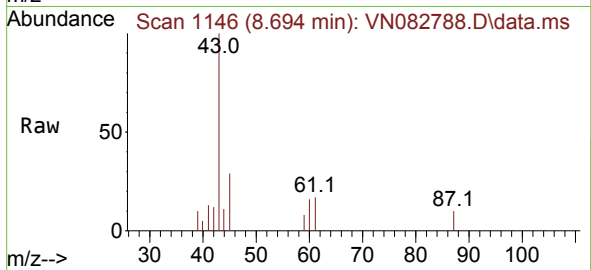




#43
Isopropyl Acetate
Concen: 3.380 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

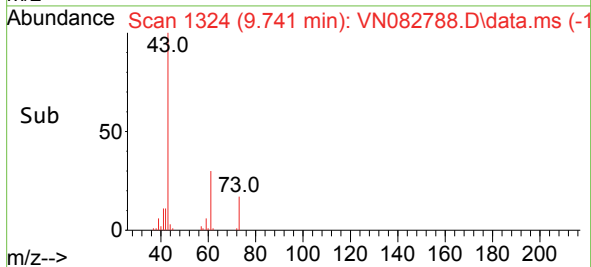
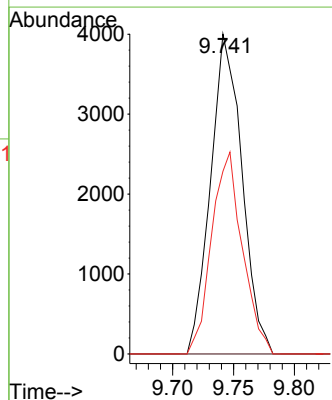
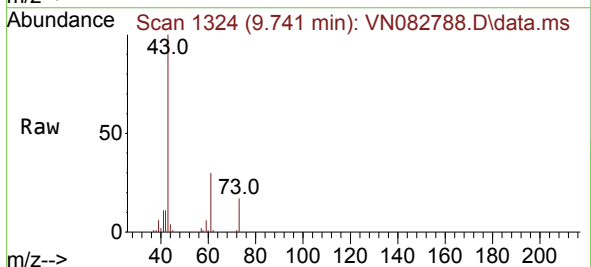
Instrument :
MSVOA_N
ClientSampleId :

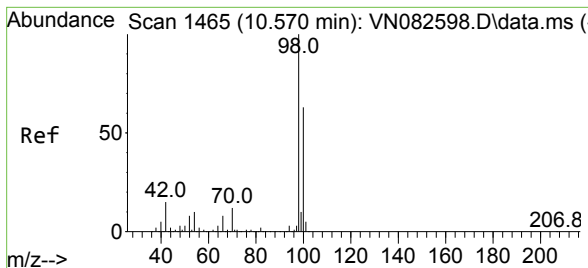
Tgt Ion: 43 Resp: 14791
Ion Ratio Lower Upper
43 100
61 10.5 17.8 26.6#
87 8.2 8.2 12.2#



#48
Methyl methacrylate
Concen: 4.168 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Tgt Ion: 41 Resp: 7192
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 61.9 50.3 75.5

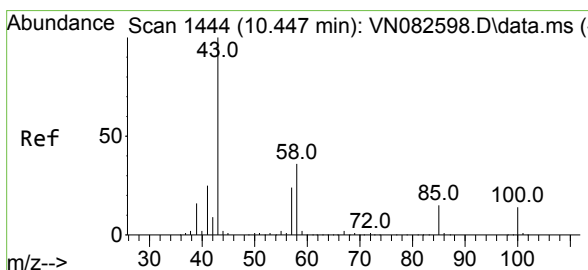
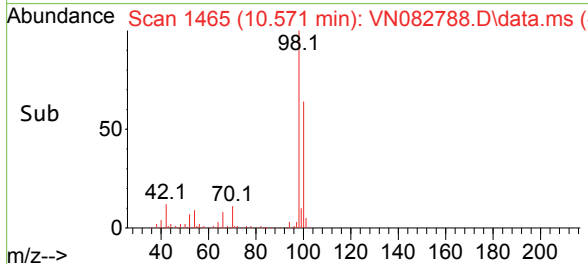
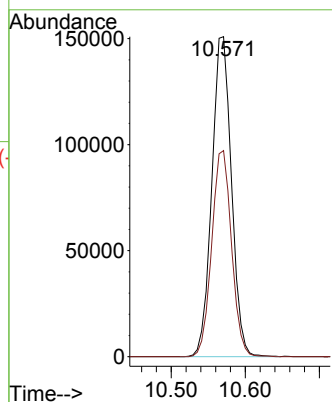
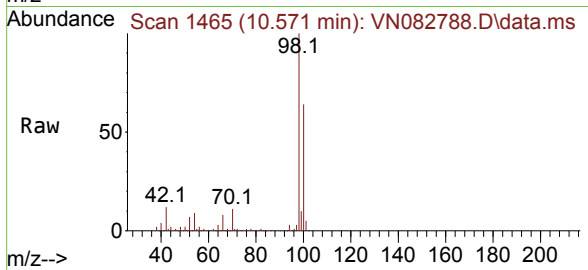




#50
Toluene-d8
Concen: 51.370 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

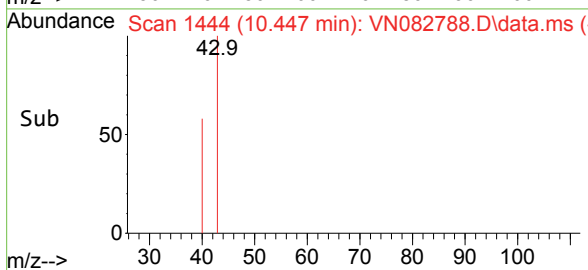
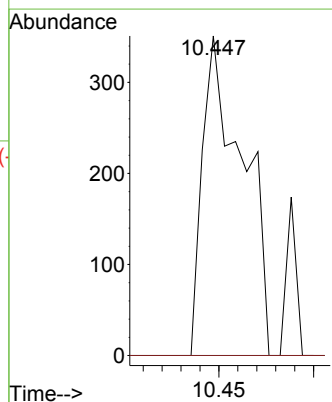
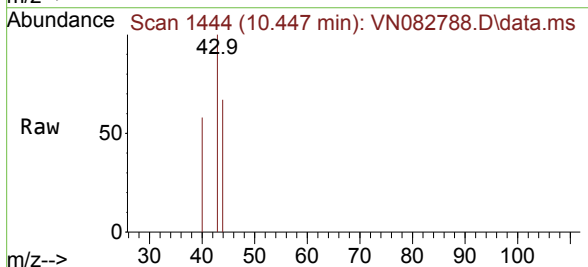
Instrument :
MSVOA_N
ClientSampleId :

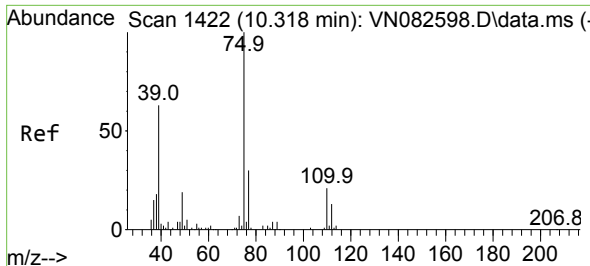
Tgt Ion: 98 Resp: 277258
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.226 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

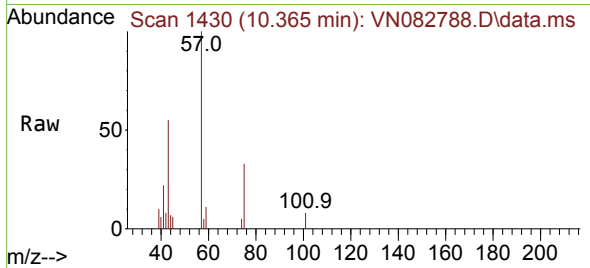
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



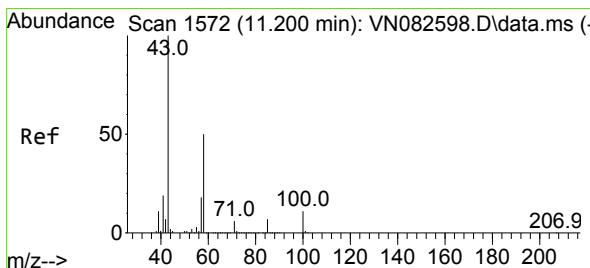
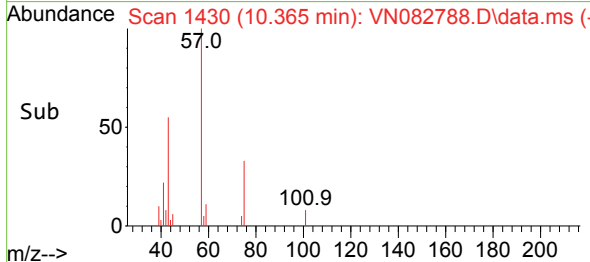
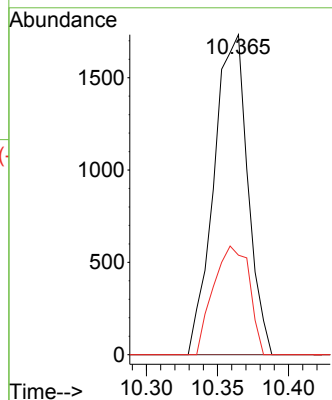


#54
cis-1,3-Dichloropropene
Concen: 1.179 ug/l
RT: 10.365 min Scan# 1422
Delta R.T. 0.047 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

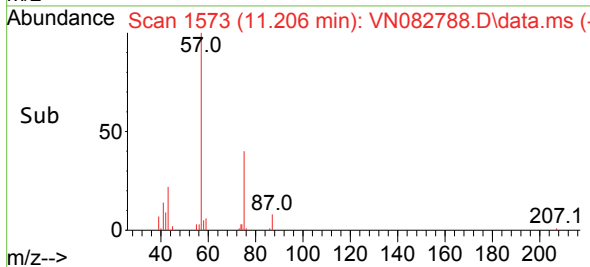
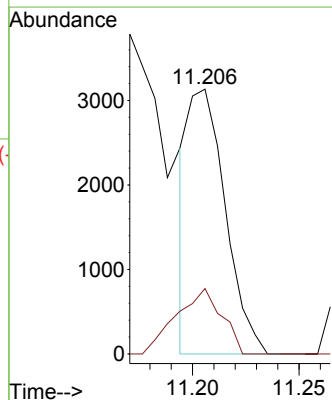
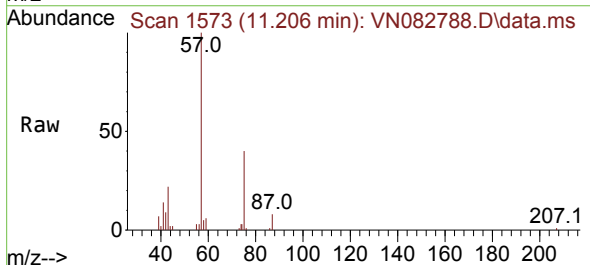


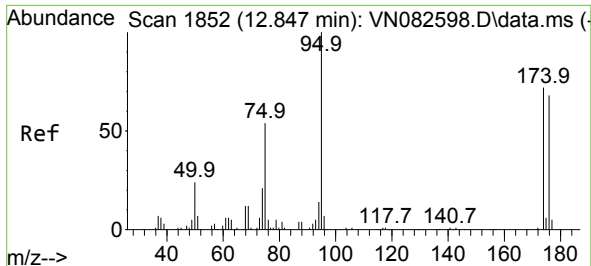
Tgt Ion: 75 Resp: 2878
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 31.1 50.5 75.7#



#59
2-Hexanone
Concen: 2.225 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Tgt Ion: 43 Resp: 3784
Ion Ratio Lower Upper
43 100
58 30.4 24.6 73.8

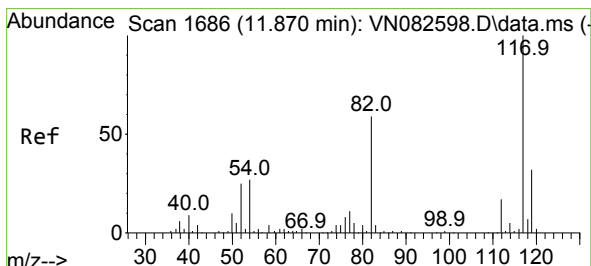
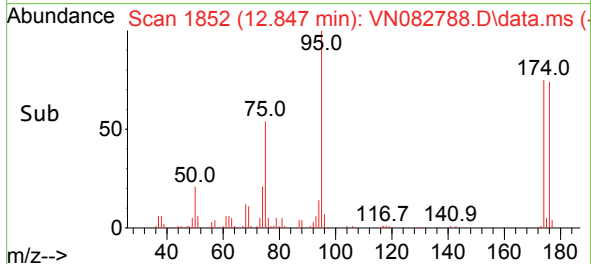
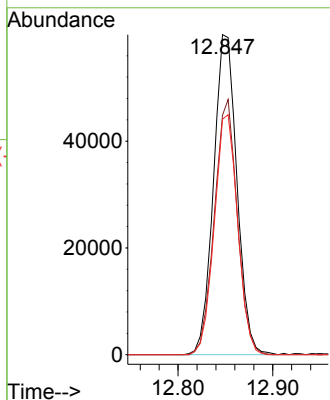
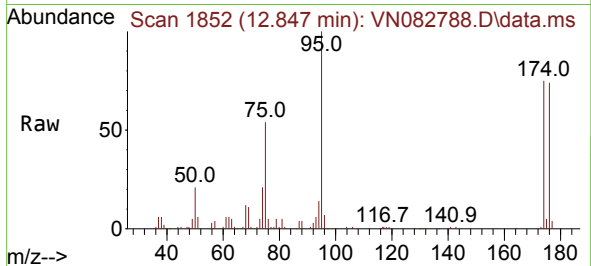




#62
4-Bromofluorobenzene
Concen: 55.541 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

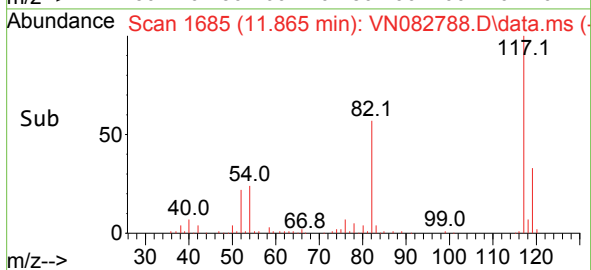
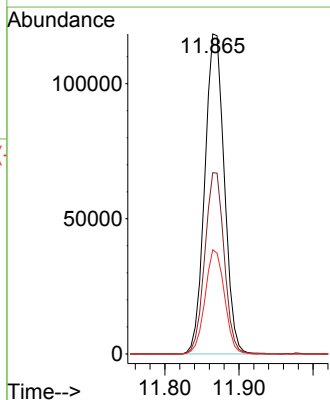
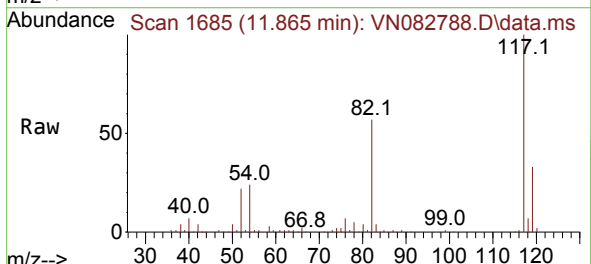
Instrument :
MSVOA_N
ClientSampleId :

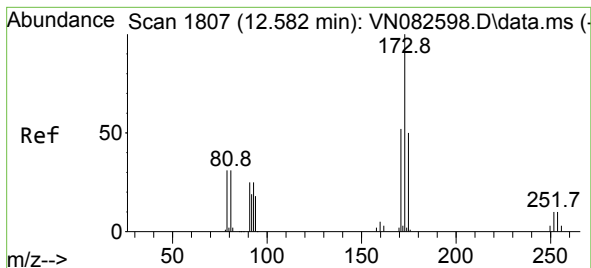
Tgt Ion: 95 Resp: 102948
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 74.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Tgt Ion: 117 Resp: 216476
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.6 25.6 38.4





#71

Bromoform

Concen: 0.251 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

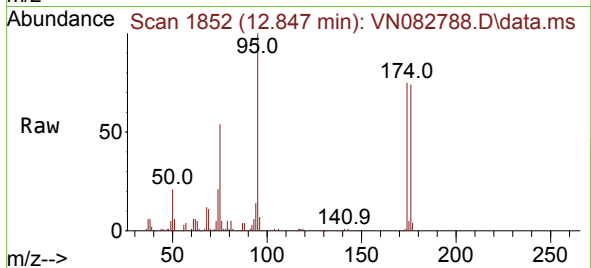
Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

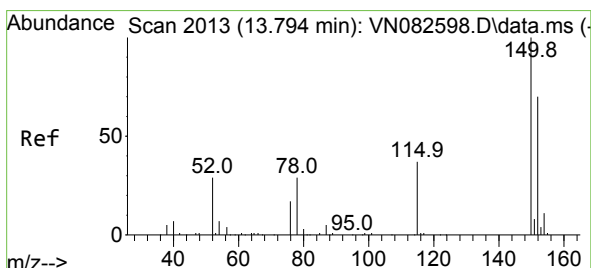
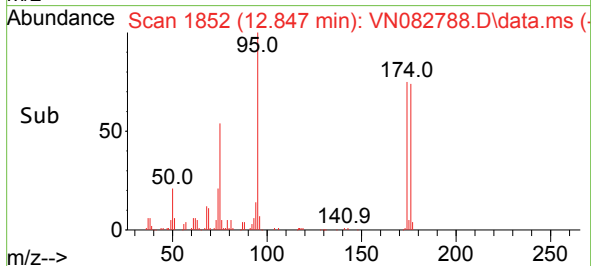
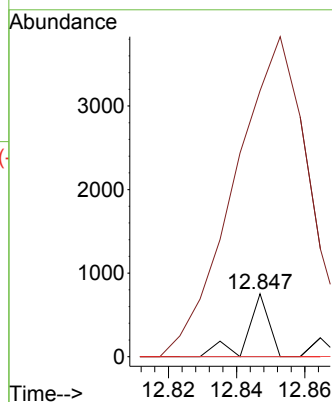
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	331
Ion Ratio	Lower	Upper	
173	100		
175	1563.1	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

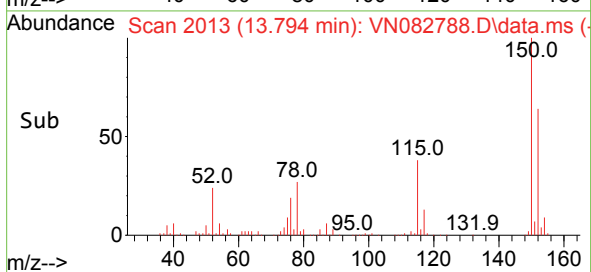
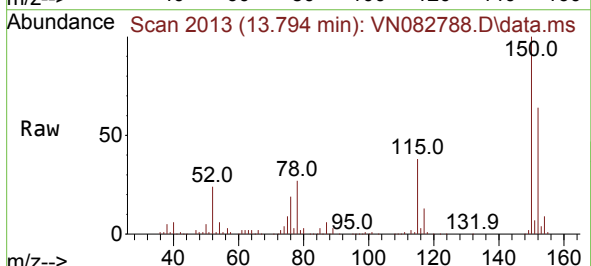
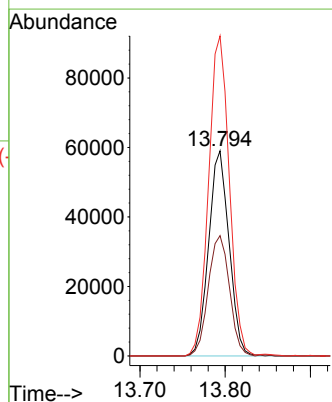
RT: 13.794 min Scan# 2013

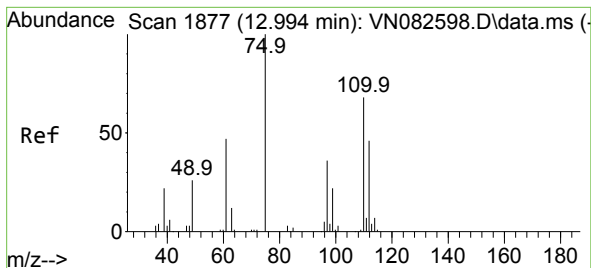
Delta R.T. -0.000 min

Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

Tgt Ion:	152	Resp:	98254
Ion Ratio	Lower	Upper	
152	100		
115	61.0	30.6	91.6
150	157.5	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 26.573 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

Instrument :

MSVOA_N

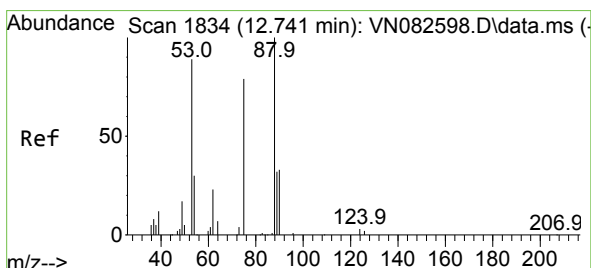
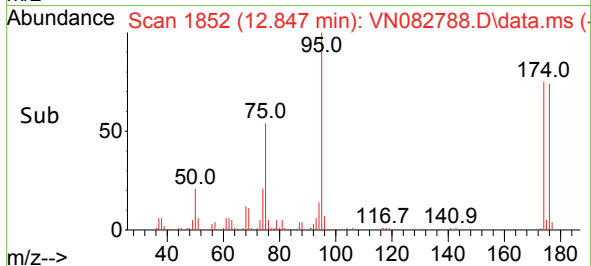
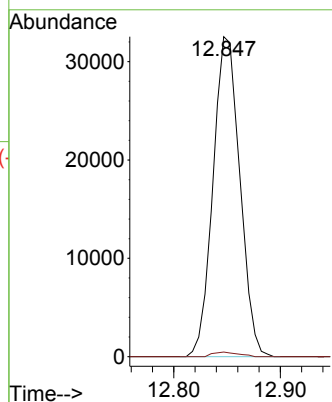
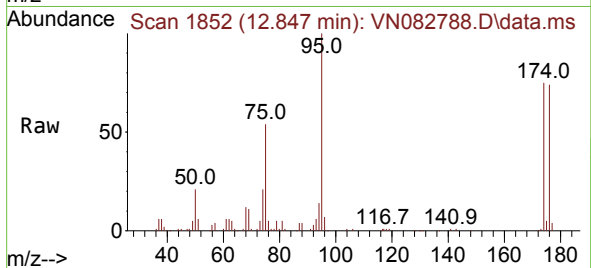
ClientSampleId :

Tgt Ion: 75 Resp: 56950

Ion Ratio Lower Upper

75 100

77 1.4 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.300 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082788.D

Acq: 02 Jul 2024 15:59

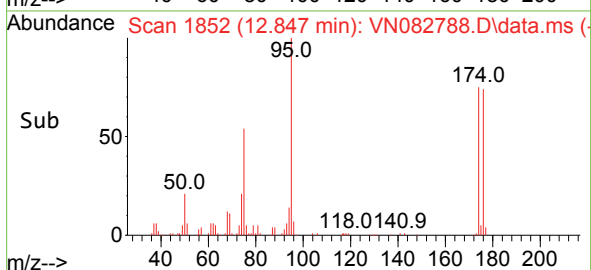
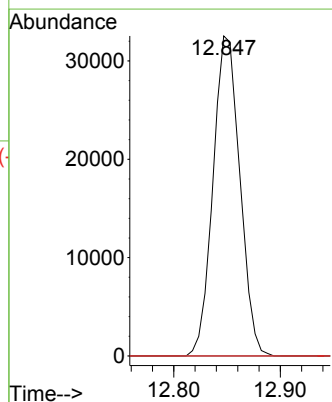
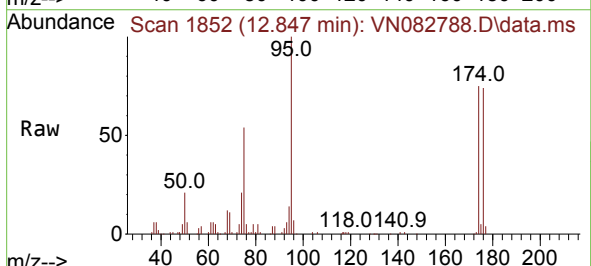
Tgt Ion: 75 Resp: 56950

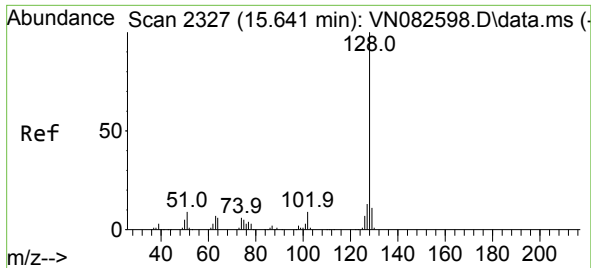
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

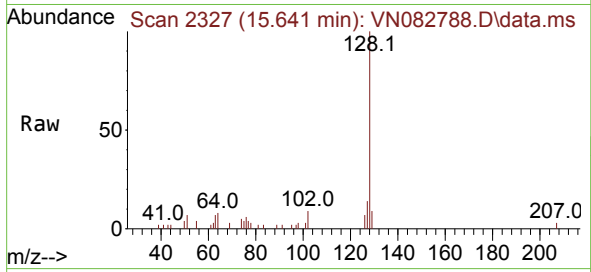
89 0.0 36.3 54.5#





#95
Naphthalene
Concen: 3.211 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082788.D
Acq: 02 Jul 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	16860
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.0	8.6	12.8

