

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082787.D
 Acq On : 02 Jul 2024 15:35
 Operator : JC\MD
 Sample : P3106-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:31:50 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)

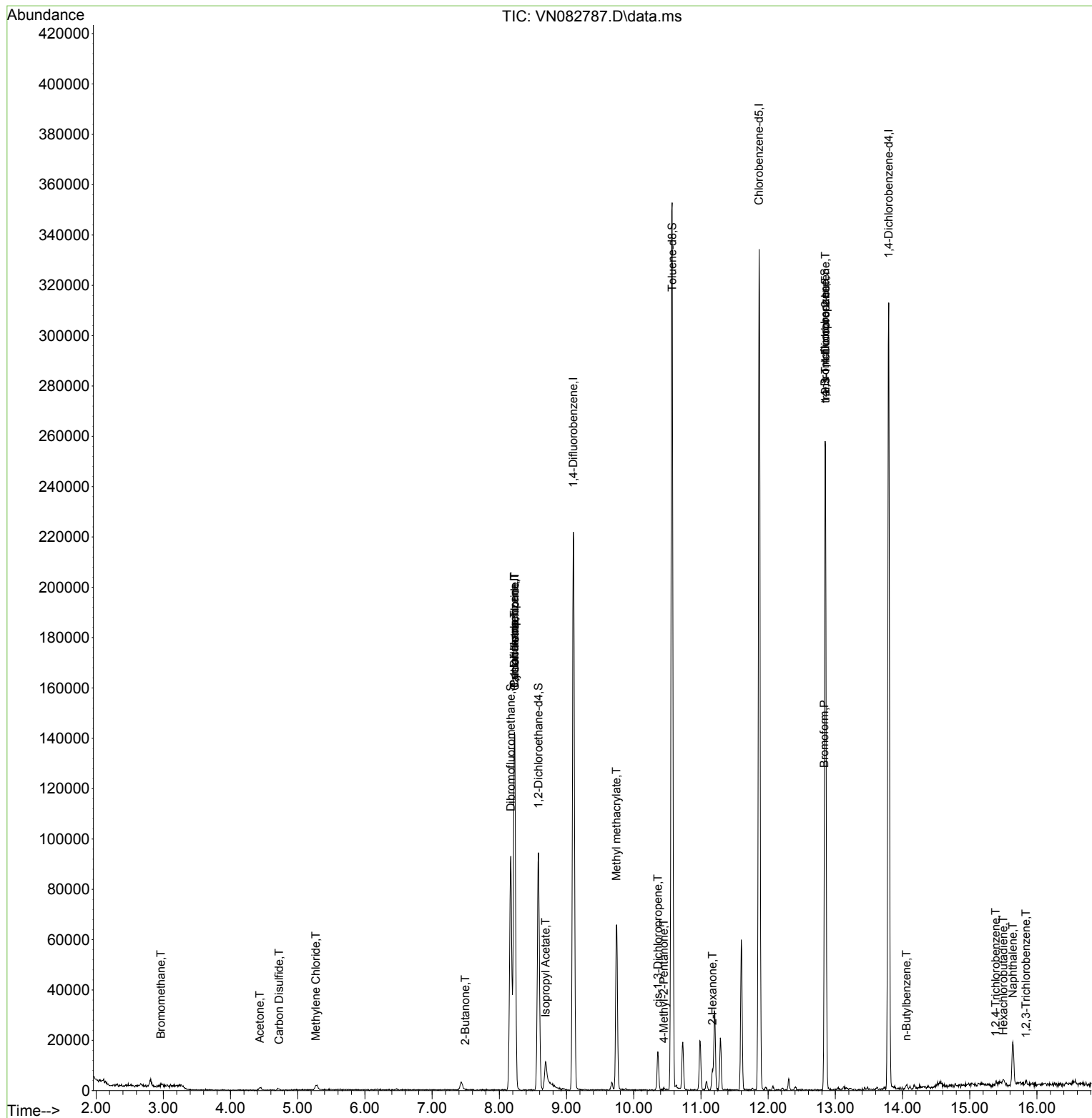
Internal Standards						
1) Pentafluorobenzene	8.224	168	102674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	194359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	75950	47.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	8.171	113	64846	50.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	10.571	98	246741	51.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.847	95	87424	53.195	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	713	0.577	ug/l	86
16) Acetone	4.436	43	2139	3.566	ug/l	93
17) Carbon Disulfide	4.724	76	1166	0.310	ug/l #	75
20) Methylene Chloride	5.271	84	1798	1.184	ug/l #	58
25) 2-Butanone	7.494	43	304	0.332	ug/l #	53
31) Cyclohexane	8.224	56	2467	1.106	ug/l #	10
36) 1,1-Dichloropropene	8.224	75	8535	4.640	ug/l #	52
38) Carbon Tetrachloride	8.230	117	10719	4.983	ug/l #	17
43) Isopropyl Acetate	8.688	43	16483	4.393	ug/l #	78
48) Methyl methacrylate	9.741	41	6553	4.283	ug/l #	53
51) 4-Methyl-2-Pentanone	10.447	43	637	0.313	ug/l #	39
54) cis-1,3-Dichloropropene	10.359	75	2723	1.258	ug/l #	59
59) 2-Hexanone	11.171	43	6120	4.059	ug/l #	28
71) Bromoform	12.835	173	350	0.302	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	49686	27.574	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	49686	71.911	ug/l #	6
89) n-Butylbenzene	14.059	91	1306	0.315	ug/l #	66
93) 1,2,4-Trichlorobenzene	15.388	180	578	0.435	ug/l	93
94) Hexachlorobutadiene	15.500	225	347	0.577	ug/l	80
95) Naphthalene	15.641	128	16876	3.823	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	569	0.401	ug/l	77

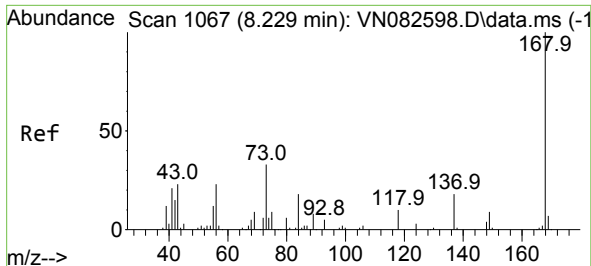
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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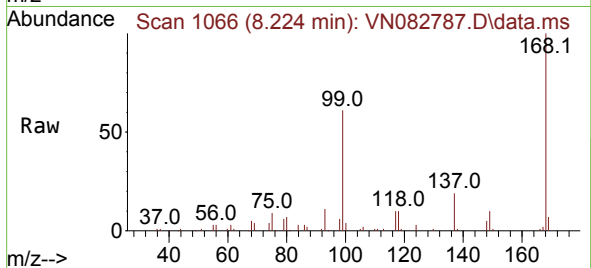
Quant Time: Jul 03 00:31:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
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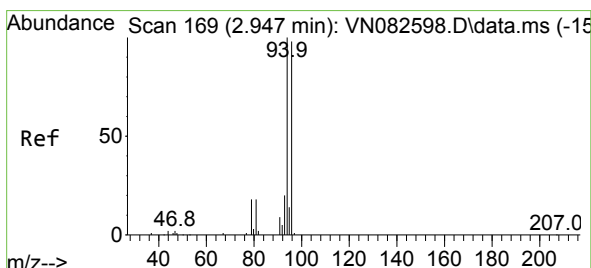
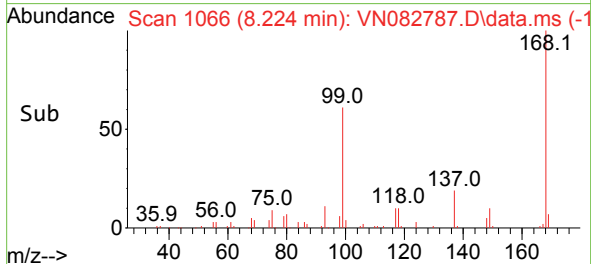
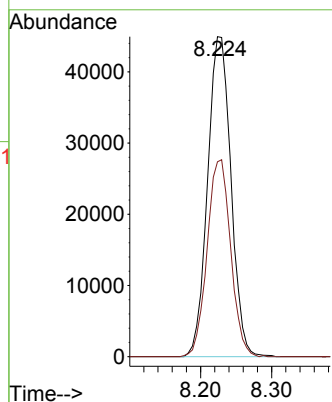


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Instrument :
MSVOA_N
ClientSampleId :

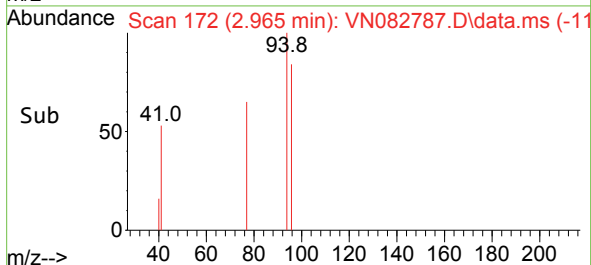
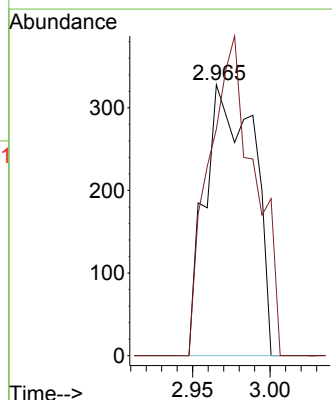
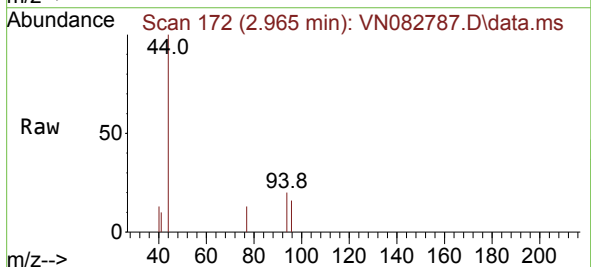


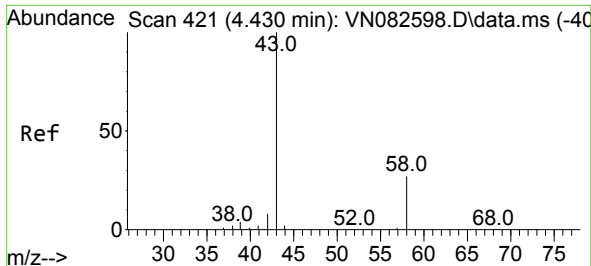
Tgt Ion:168 Resp: 102674
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#5
Bromomethane
Concen: 0.577 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Tgt Ion: 94 Resp: 713
Ion Ratio Lower Upper
94 100
96 83.5 78.0 117.0

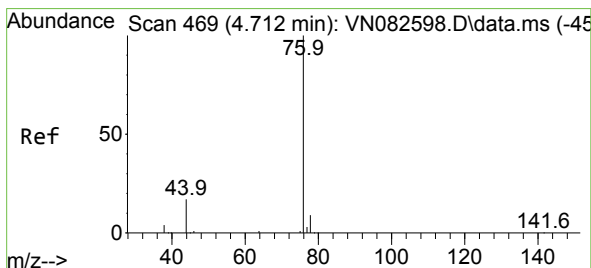
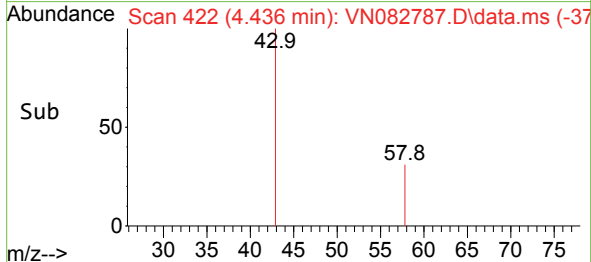
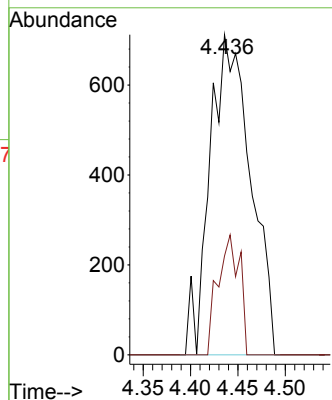
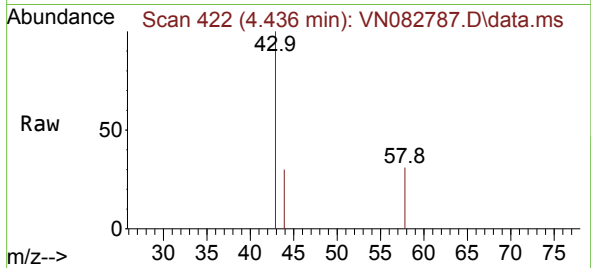




#16
Acetone
Concen: 3.566 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

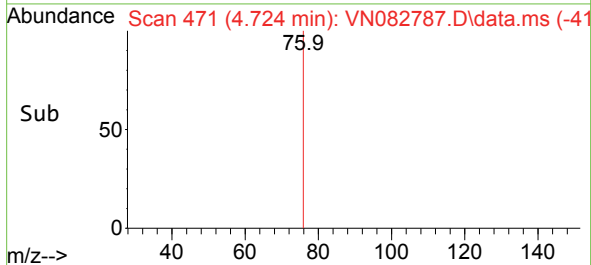
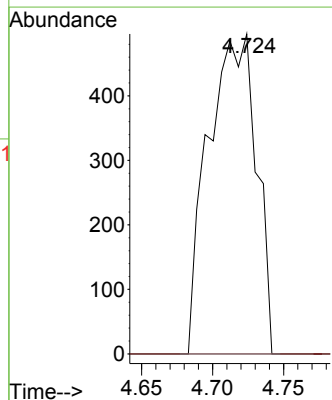
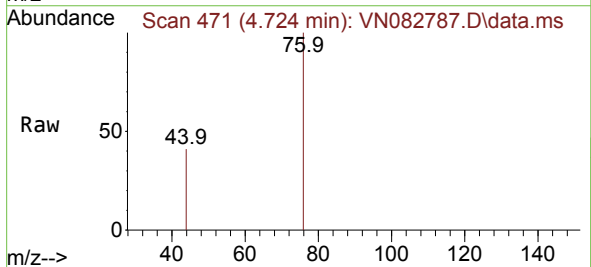
Instrument :
MSVOA_N
ClientSampleId :

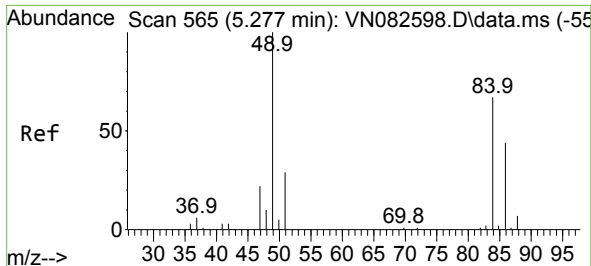
Tgt Ion: 43 Resp: 2139
Ion Ratio Lower Upper
43 100
58 30.9 21.8 32.6



#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

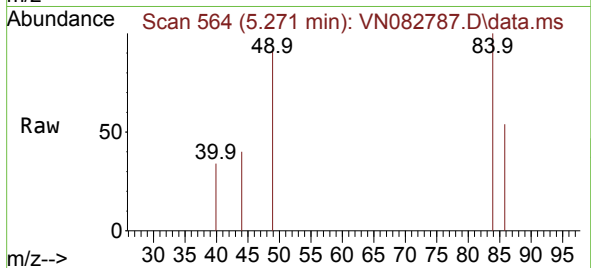
Tgt Ion: 76 Resp: 1166
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





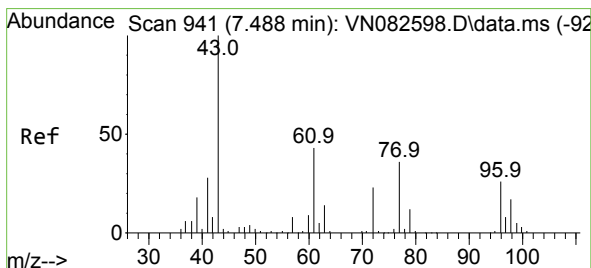
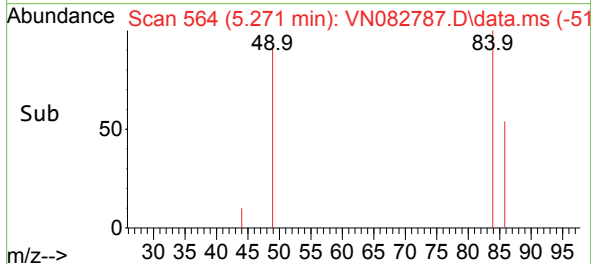
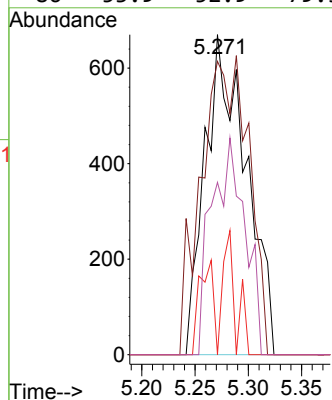
#20
Methylene Chloride
Concen: 1.184 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1798

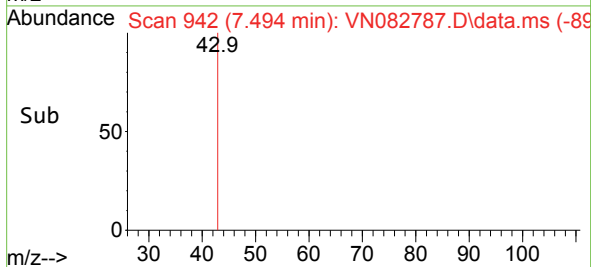
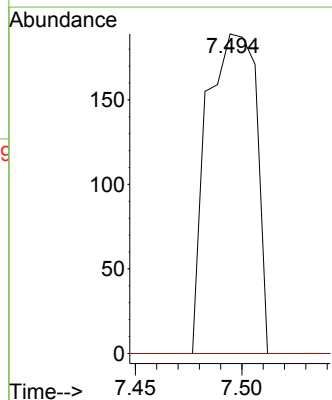
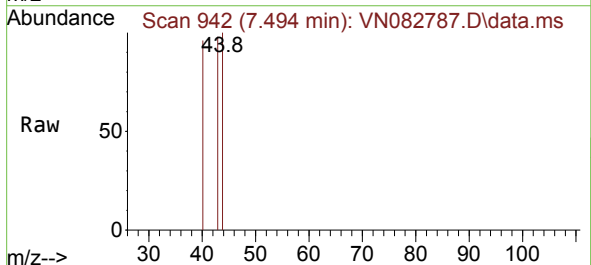
Ion	Ratio	Lower	Upper
84	100		
49	91.6	119.6	179.4#
51	0.0	34.8	52.2#
86	53.9	52.9	79.3

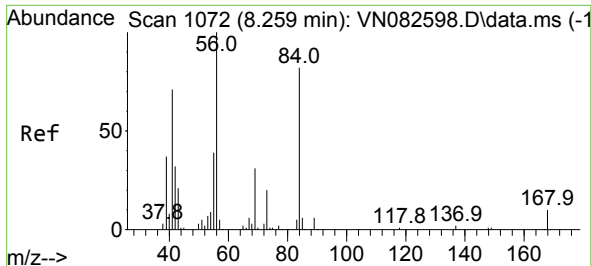


#25
2-Butanone
Concen: 0.332 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Tgt Ion: 43 Resp: 304

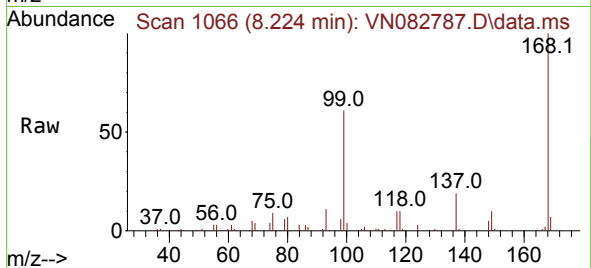
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



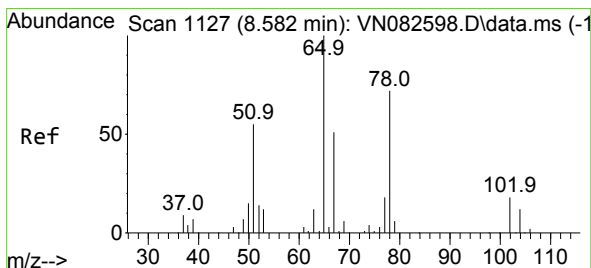
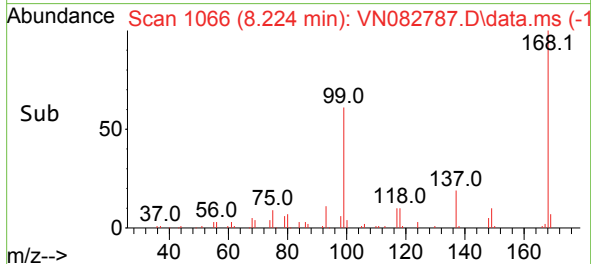
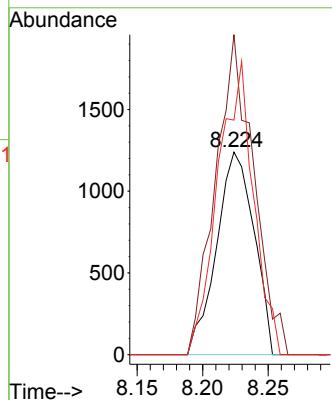


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Instrument :
MSVOA_N
ClientSampleId :

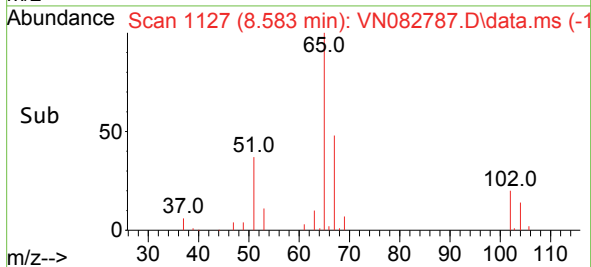
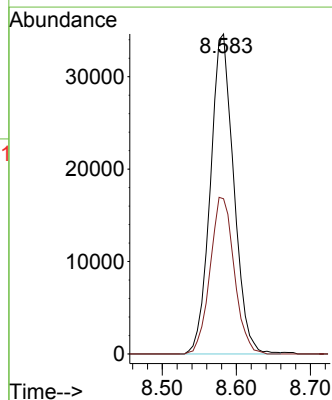
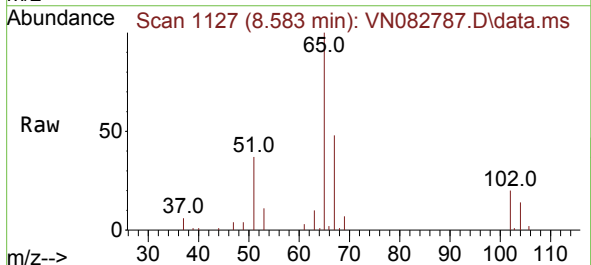


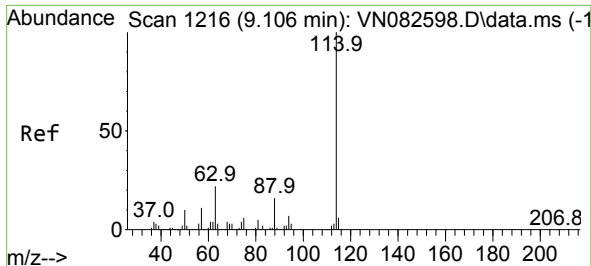
Tgt Ion: 56 Resp: 2467
Ion Ratio Lower Upper
56 100
69 158.0 24.5 36.7#
84 115.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 47.967 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Tgt Ion: 65 Resp: 75950
Ion Ratio Lower Upper
65 100
67 50.5 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

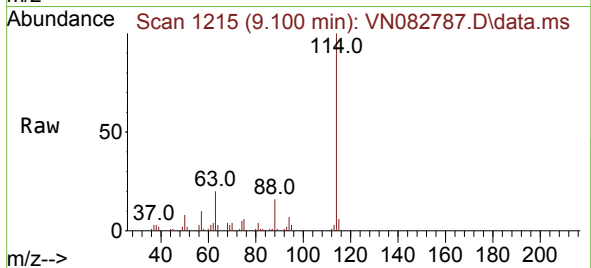
Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

Instrument :

MSVOA_N

ClientSampleId :



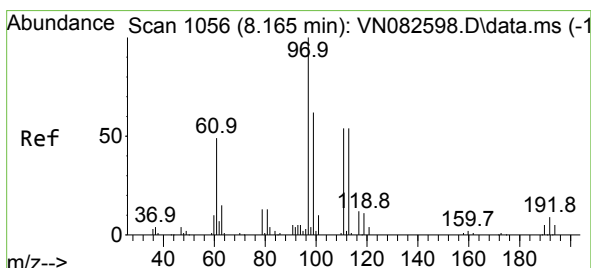
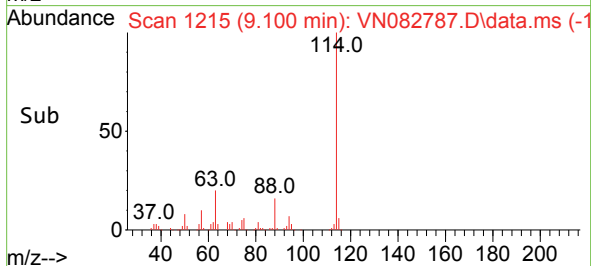
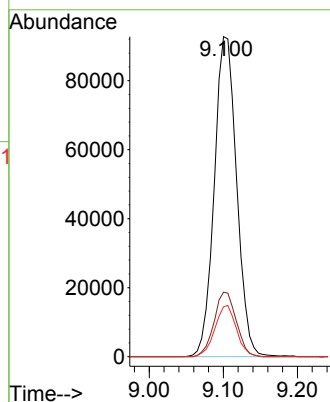
Tgt Ion:114 Resp: 194359

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.675 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

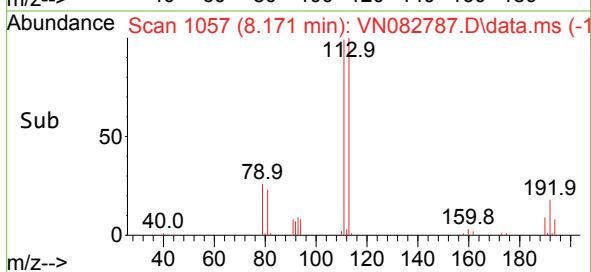
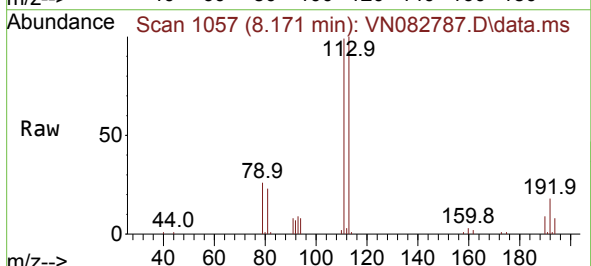
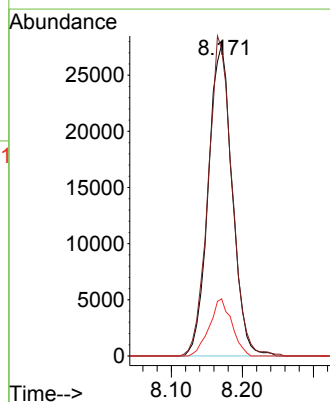
Tgt Ion:113 Resp: 64846

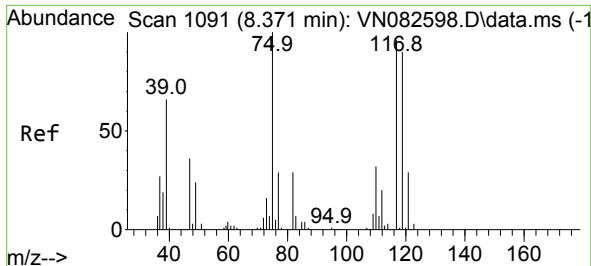
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.640 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

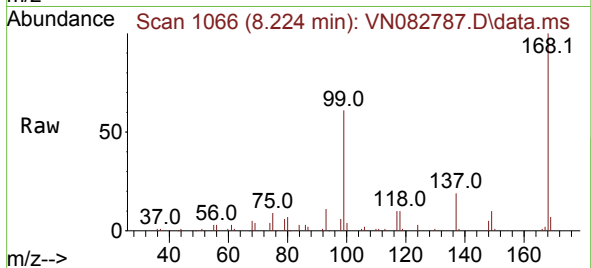
Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

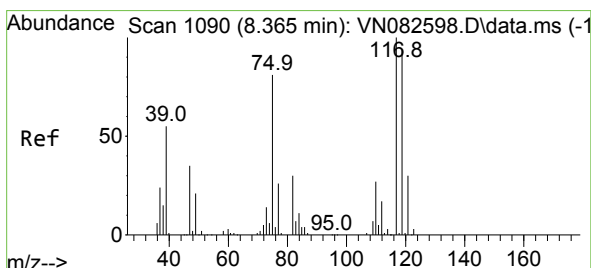
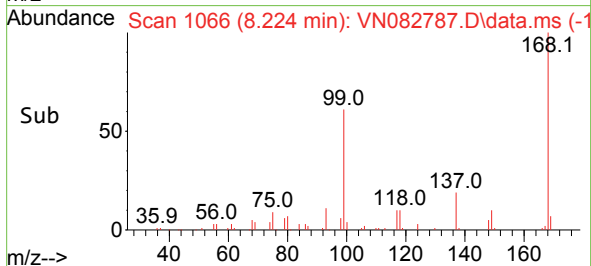
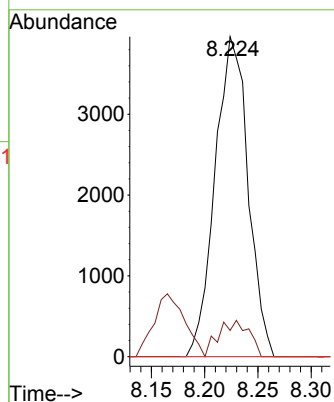
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	8535
Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 4.983 ug/l

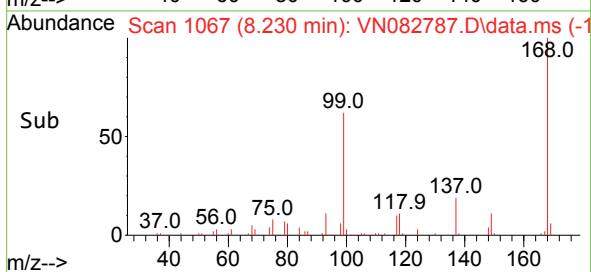
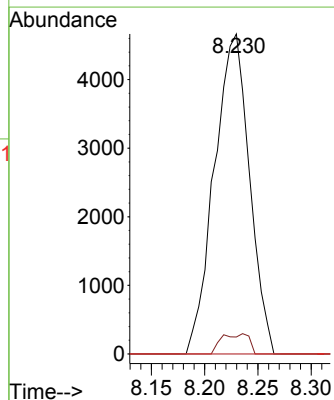
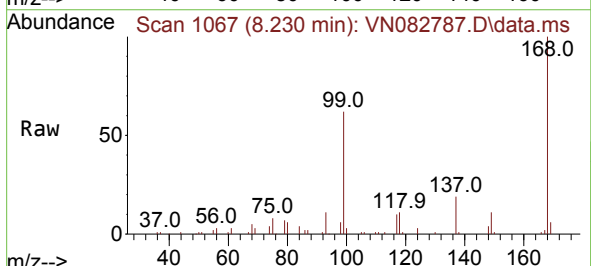
RT: 8.230 min Scan# 1067

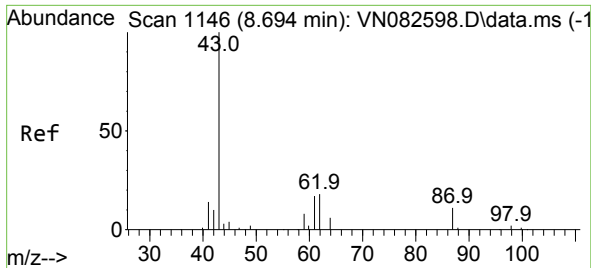
Delta R.T. -0.135 min

Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

Tgt Ion:	117	Resp:	10719
Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.9	112.3#
121	0.0	24.3	36.5#

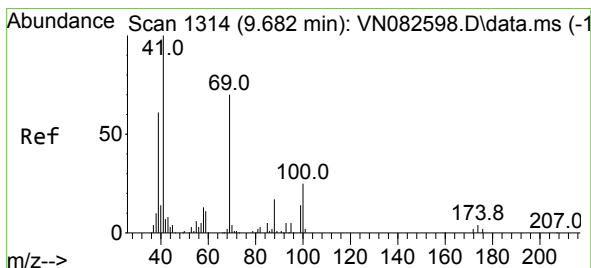
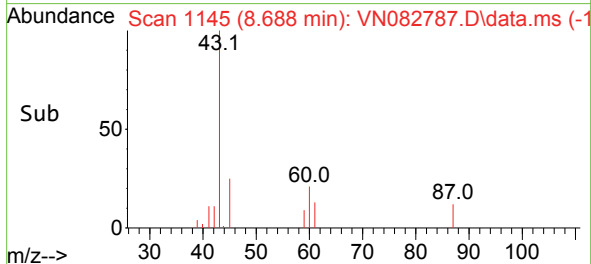
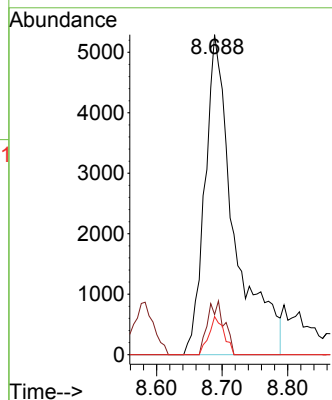
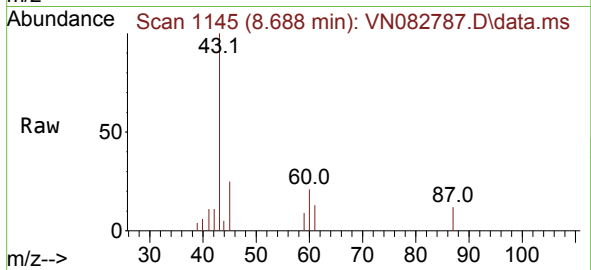




#43
Isopropyl Acetate
Concen: 4.393 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

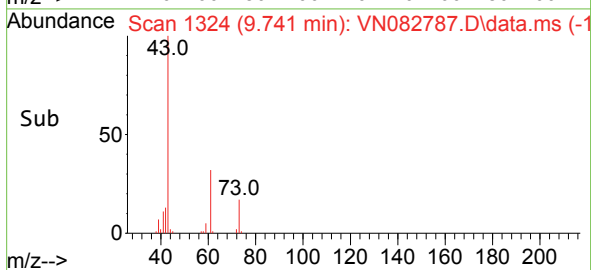
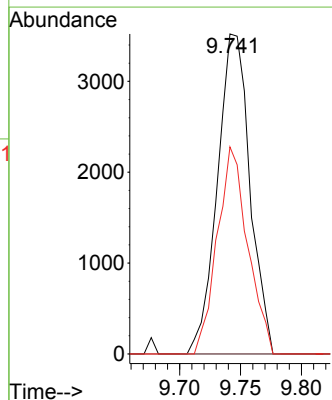
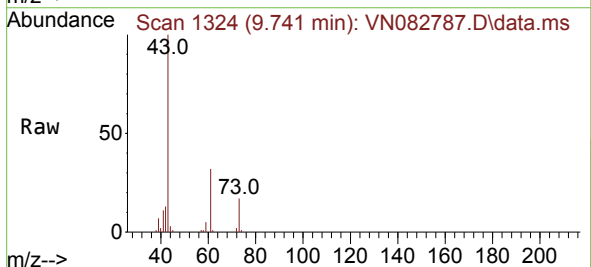
Instrument :
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ClientSampleId :

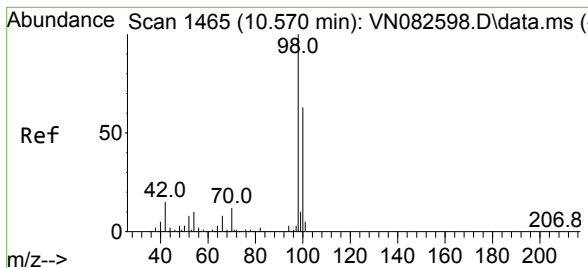
Tgt Ion: 43 Resp: 16483
Ion Ratio Lower Upper
43 100
61 9.6 17.8 26.6#
87 6.1 8.2 12.2#



#48
Methyl methacrylate
Concen: 4.283 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Tgt Ion: 41 Resp: 6553
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 60.7 50.3 75.5





#50

Toluene-d8

Concen: 51.559 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

Instrument :

MSVOA_N

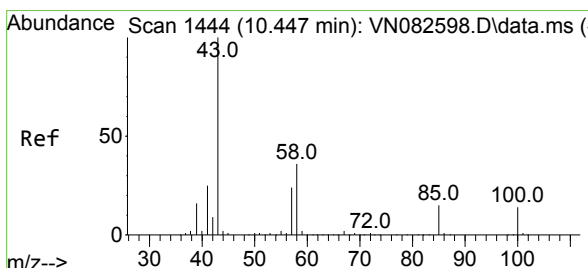
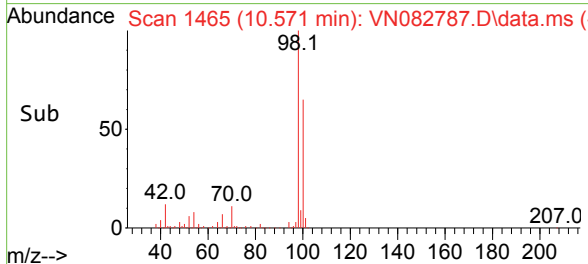
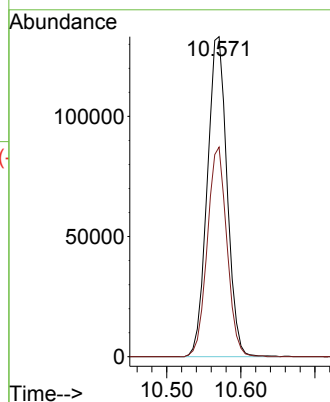
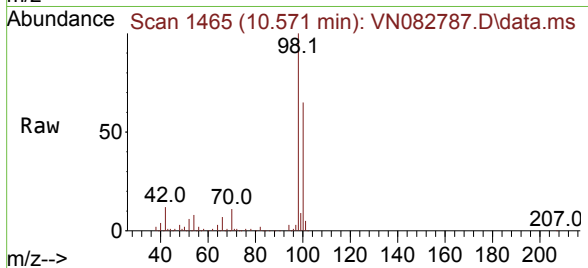
ClientSampleId :

Tgt Ion: 98 Resp: 246741

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.313 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082787.D

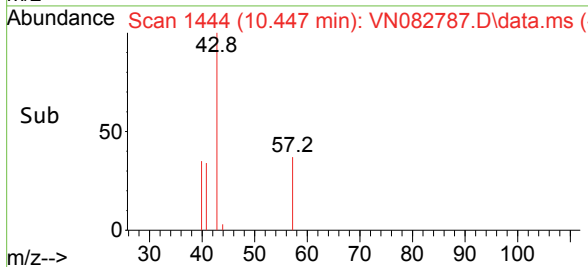
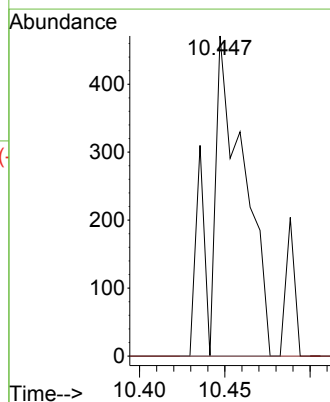
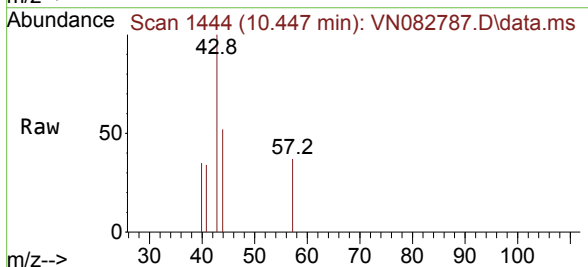
Acq: 02 Jul 2024 15:35

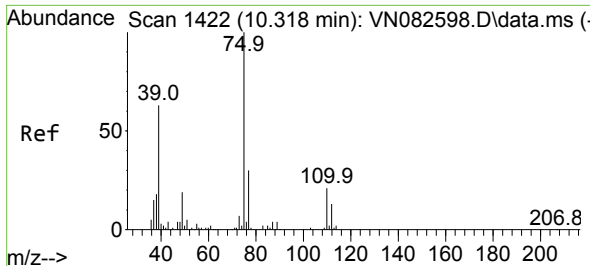
Tgt Ion: 43 Resp: 637

Ion Ratio Lower Upper

43 100

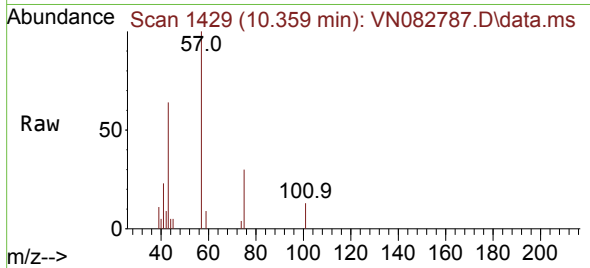
58 0.0 28.2 42.4#



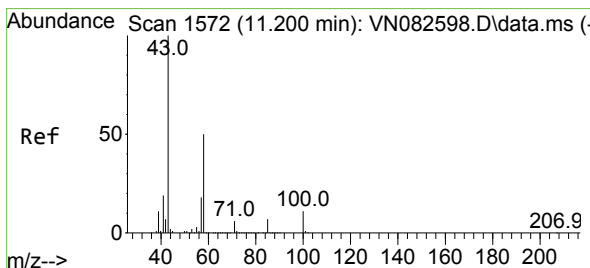
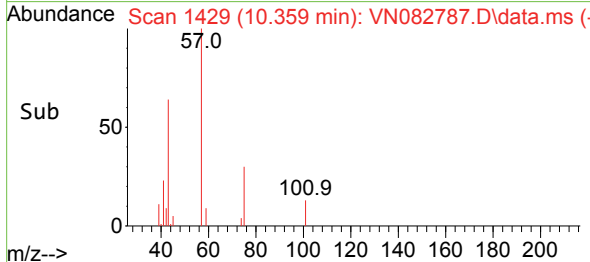
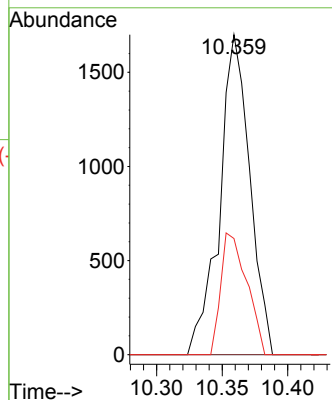


#54
cis-1,3-Dichloropropene
Concen: 1.258 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Instrument :
MSVOA_N
ClientSampleId :

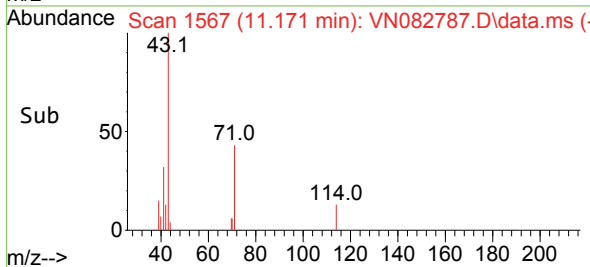
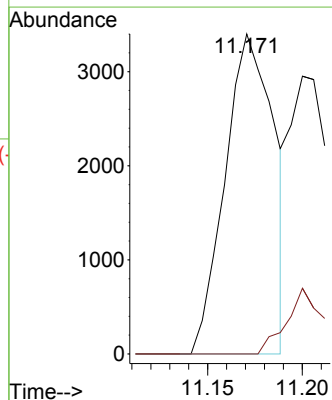
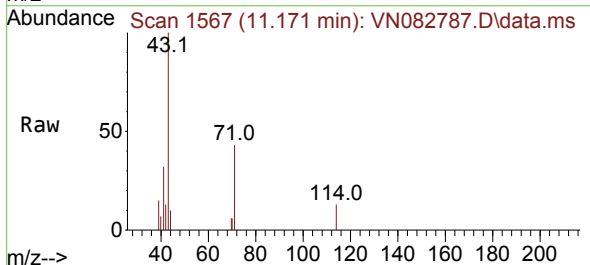


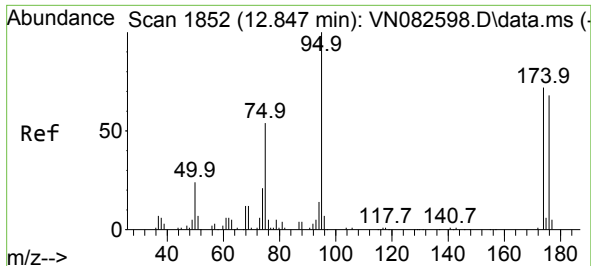
Tgt Ion: 75 Resp: 2723
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 36.3 50.5 75.7#



#59
2-Hexanone
Concen: 4.059 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.029 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Tgt Ion: 43 Resp: 6120
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#

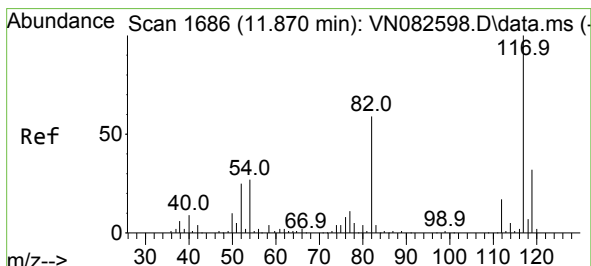
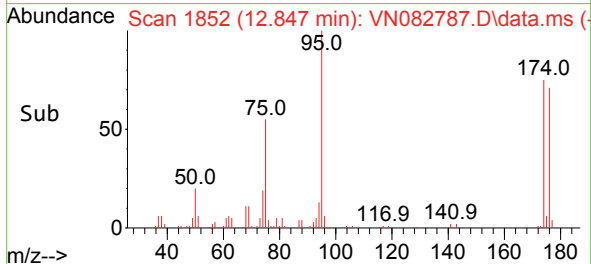
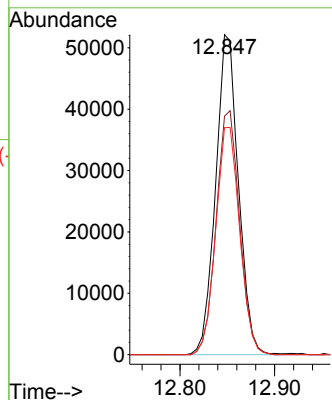
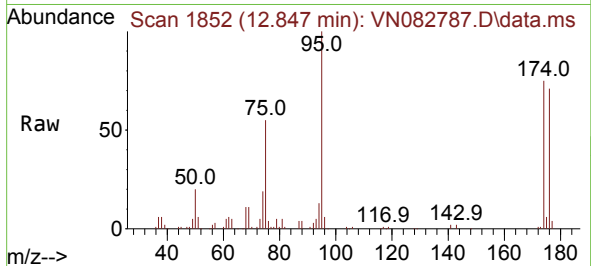




#62
4-Bromofluorobenzene
Concen: 53.195 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

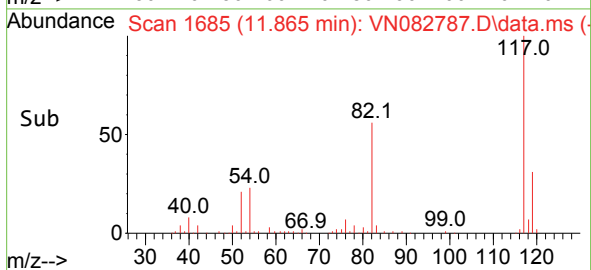
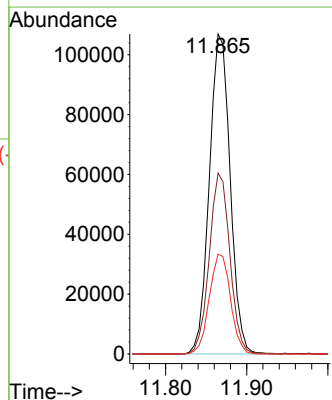
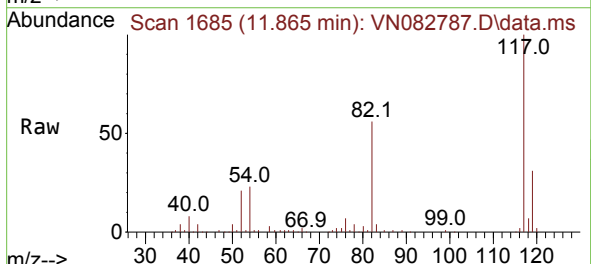
Instrument :
MSVOA_N
ClientSampleId :

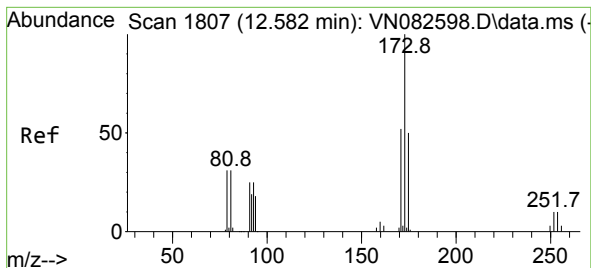
Tgt Ion: 95 Resp: 87424
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 74.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Tgt Ion: 117 Resp: 190130
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 31.2 25.6 38.4





#71

Bromoform

Concen: 0.302 ug/l

RT: 12.835 min Scan# 11

Delta R.T. 0.253 min

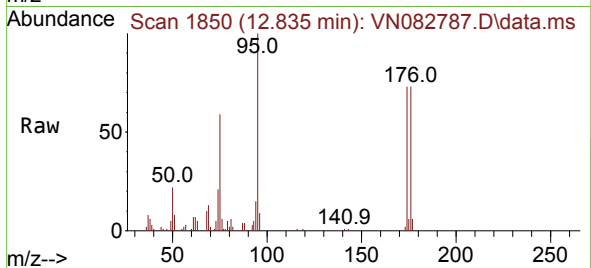
Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

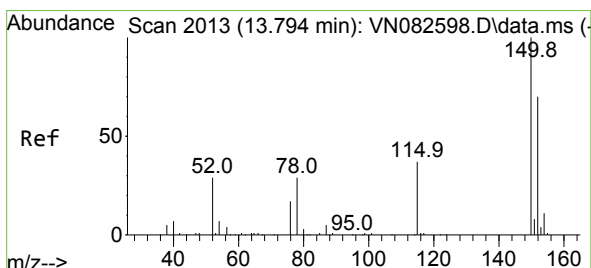
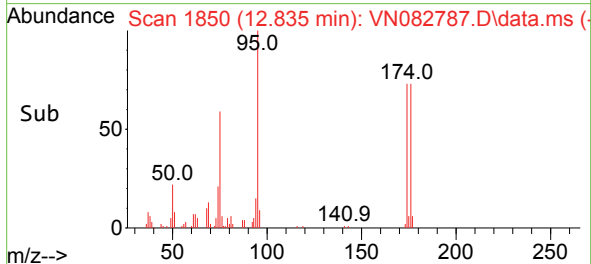
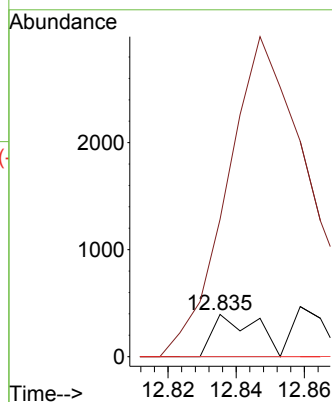
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	350
Ion Ratio	Lower	Upper	
173	100		
175	1189.7	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

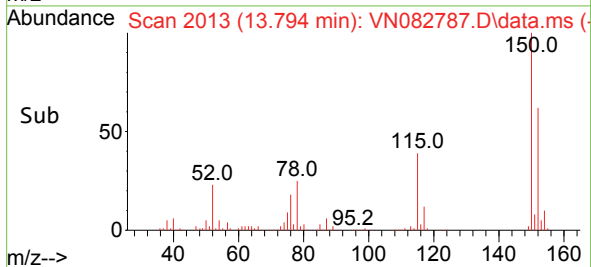
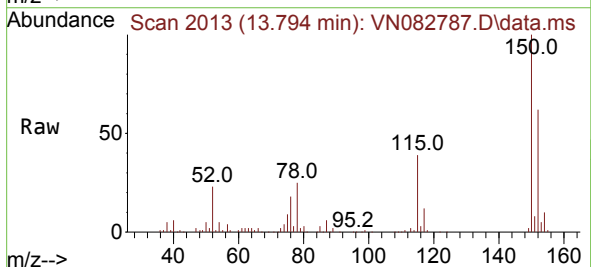
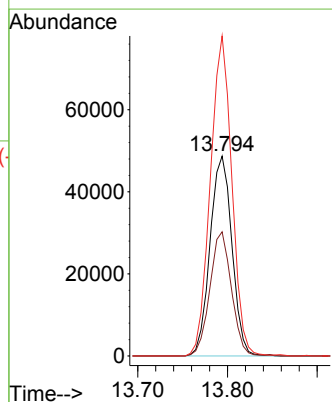
RT: 13.794 min Scan# 2013

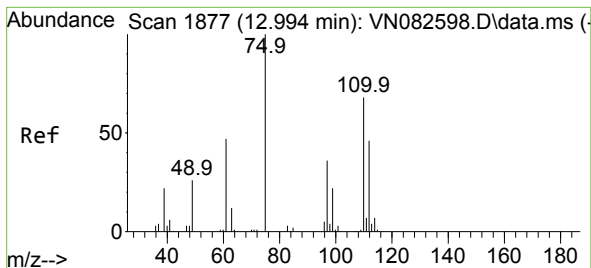
Delta R.T. 0.000 min

Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

Tgt Ion:	152	Resp:	82609
Ion Ratio	Lower	Upper	
152	100		
115	61.2	30.6	91.6
150	156.9	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 27.574 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

Instrument :

MSVOA_N

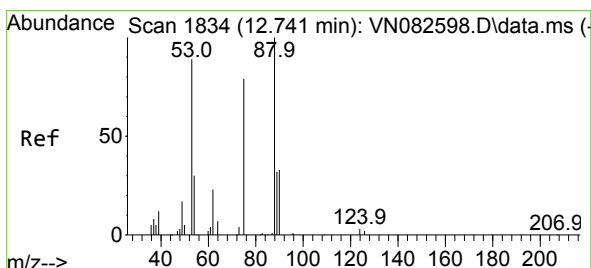
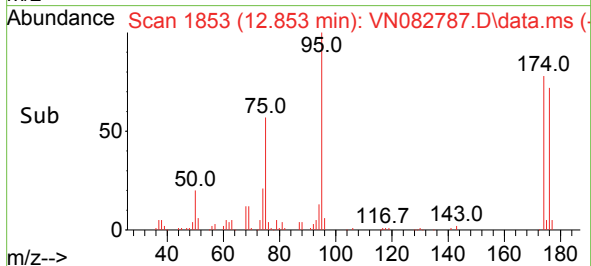
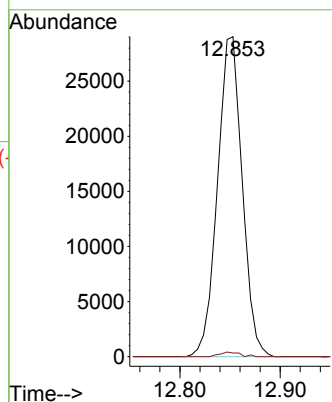
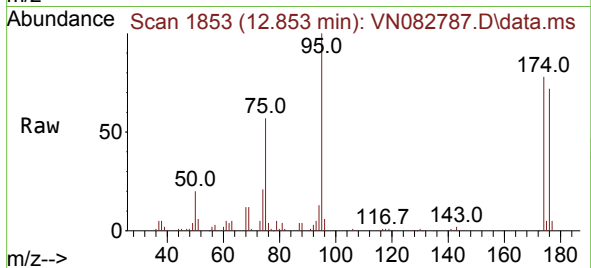
ClientSampleId :

Tgt Ion: 75 Resp: 49686

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.911 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

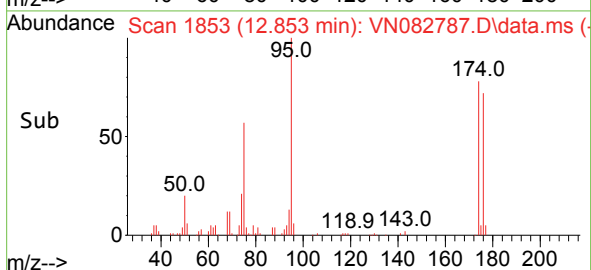
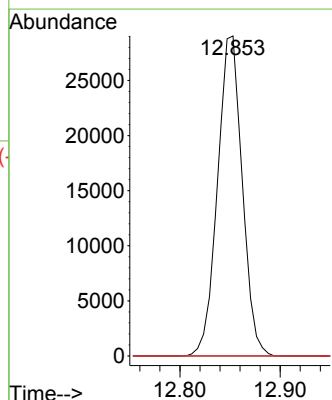
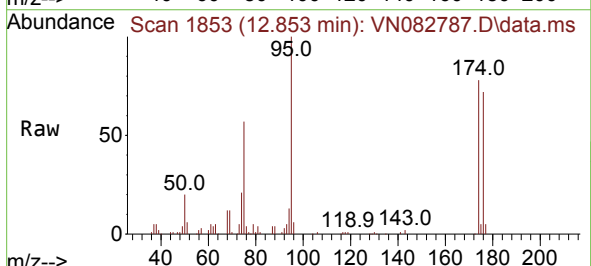
Tgt Ion: 75 Resp: 49686

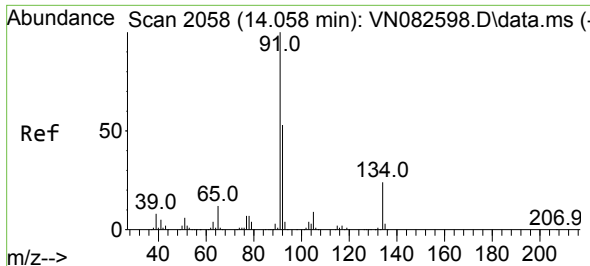
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#





#89

n-Butylbenzene

Concen: 0.315 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082787.D

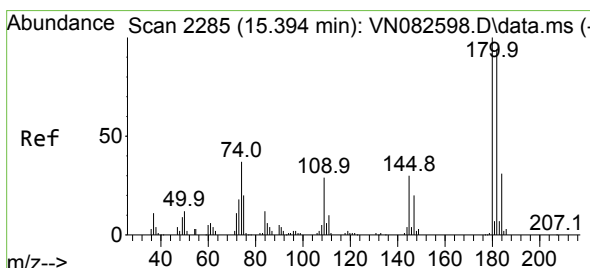
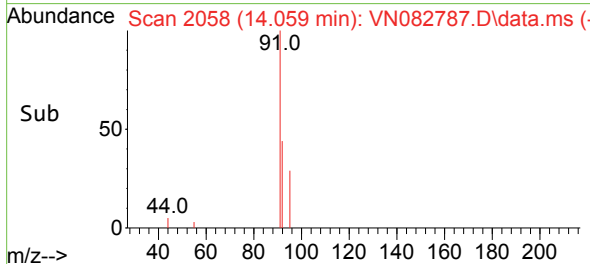
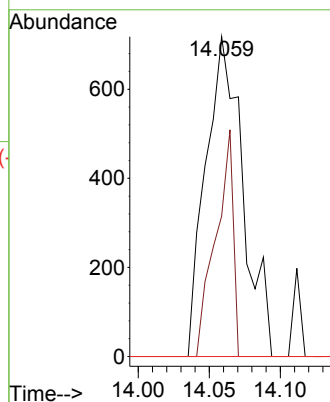
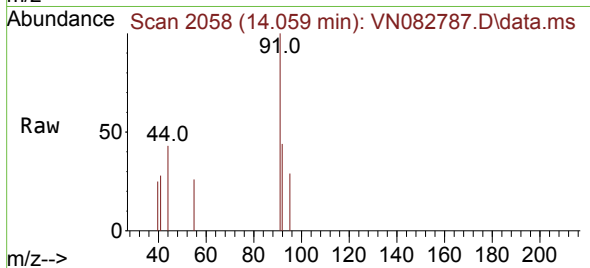
Acq: 02 Jul 2024 15:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp:	1306
Ion Ratio	Lower	Upper
91	100	
92	33.5	26.1 78.3
134	0.0	12.1 36.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.435 ug/l

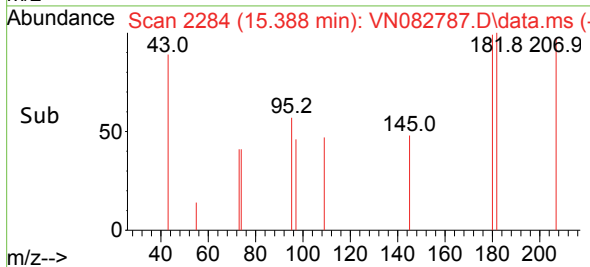
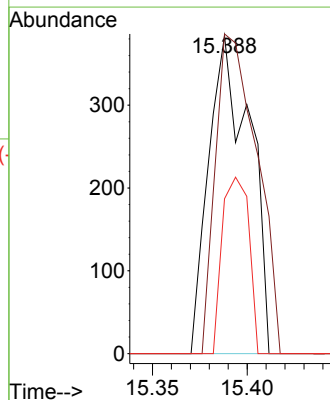
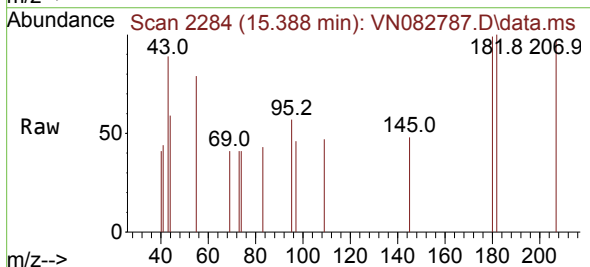
RT: 15.388 min Scan# 2284

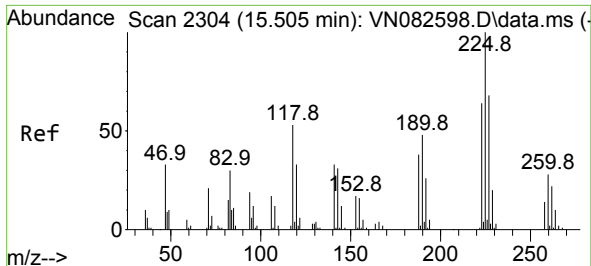
Delta R.T. -0.006 min

Lab File: VN082787.D

Acq: 02 Jul 2024 15:35

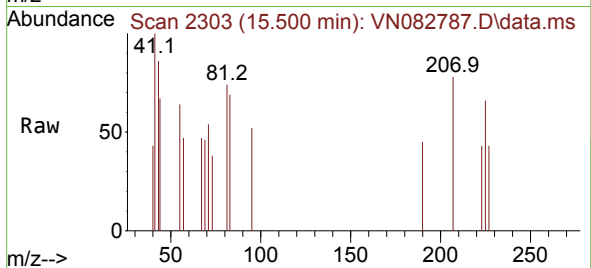
Tgt Ion: 180	Resp:	578
Ion Ratio	Lower	Upper
180	100	
182	101.2	47.3 141.8
145	36.0	15.7 47.1



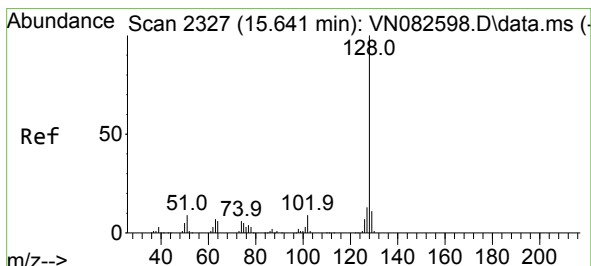
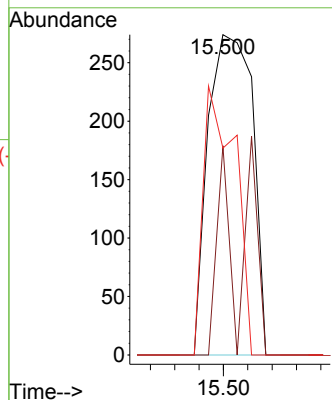
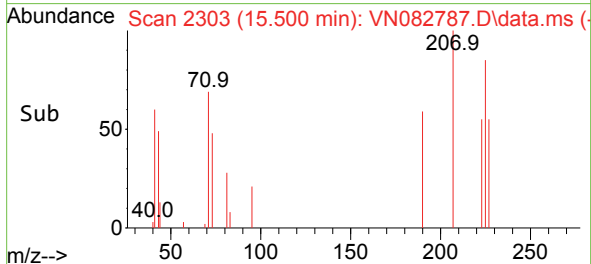


#94
Hexachlorobutadiene
Concen: 0.577 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

Instrument :
MSVOA_N
ClientSampleId :

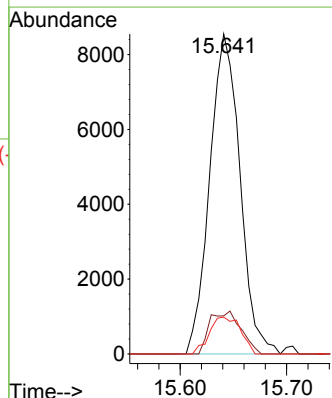
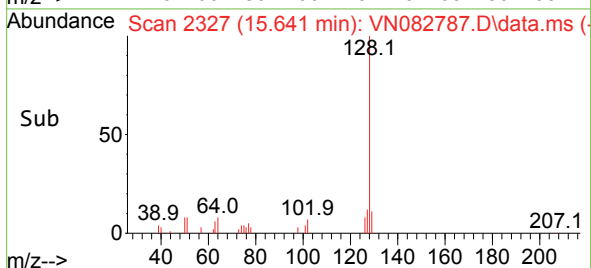
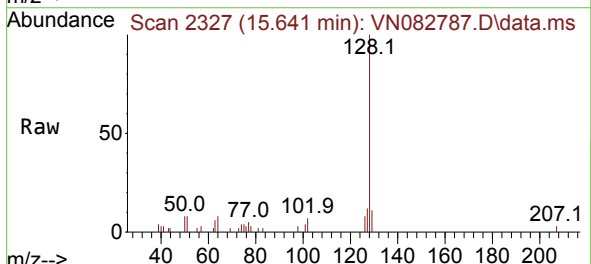


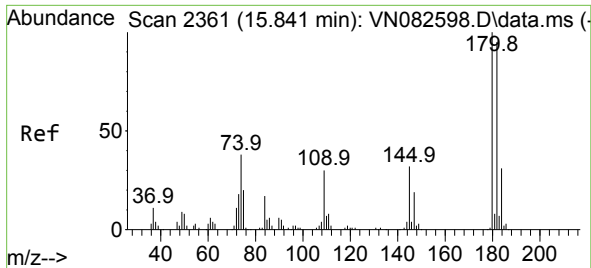
Tgt Ion:	225	Resp:	347
Ion Ratio	Lower	Upper	
225	100		
223	37.2	31.9	95.7
227	60.5	32.5	97.5



#95
Naphthalene
Concen: 3.823 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082787.D
Acq: 02 Jul 2024 15:35

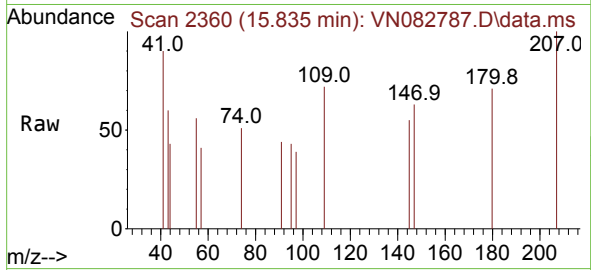
Tgt Ion:	128	Resp:	16876
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.6	16.0
129	11.9	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.401 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082787.D
 Acq: 02 Jul 2024 15:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	569
Ion	Ratio	Lower	Upper
180	100		
182	75.0	48.9	146.8
145	47.5	16.8	50.4

