

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082784.D
 Acq On : 02 Jul 2024 14:11
 Operator : JC\MD
 Sample : VN0702WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:29:49 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	129160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	93057	46.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.440%
35) Dibromofluoromethane	8.171	113	77048	50.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	10.571	98	291627	50.804	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.847	95	106155	53.850	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.700%

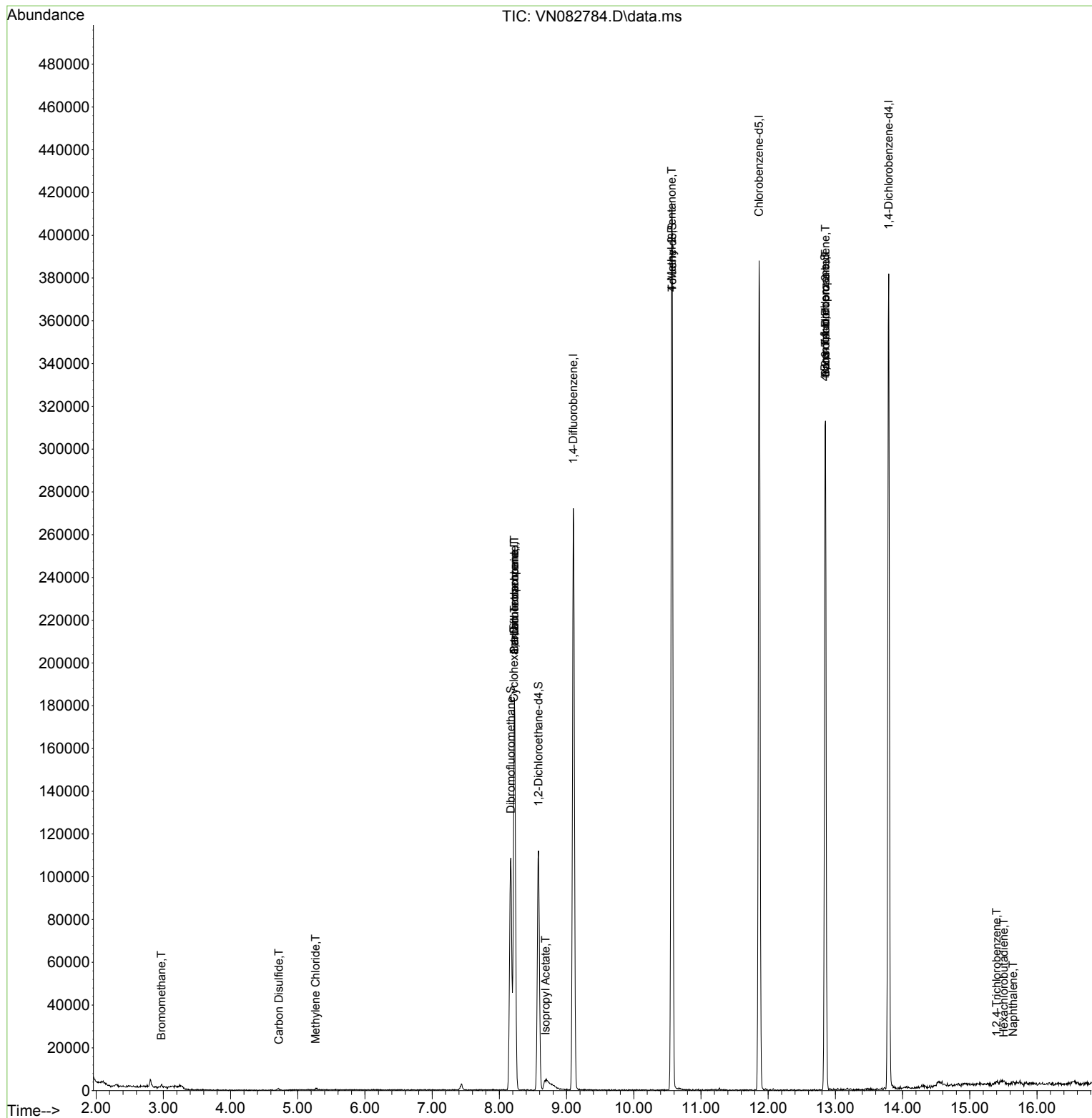
Target Compounds			Qvalue			
5) Bromomethane	2.971	94	598	0.384	ug/l #	63
17) Carbon Disulfide	4.718	76	1165	0.247	ug/l #	75
20) Methylene Chloride	5.265	84	413	0.216	ug/l #	19
31) Cyclohexane	8.218	56	3175	1.131	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	11525	5.224	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14111	5.469	ug/l #	17
43) Isopropyl Acetate	8.688	43	3544	0.318	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	1424	0.584	ug/l #	1
71) Bromoform	12.853	173	952	0.703	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	59479	26.965	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59479	70.323	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.400	180	334	0.205	ug/l #	83
94) Hexachlorobutadiene	15.506	225	290	0.394	ug/l #	31
95) Naphthalene	15.647	128	2011	0.372	ug/l #	73

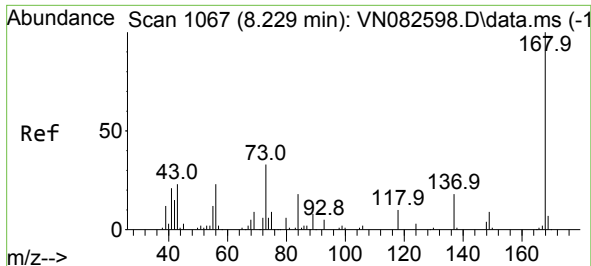
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :

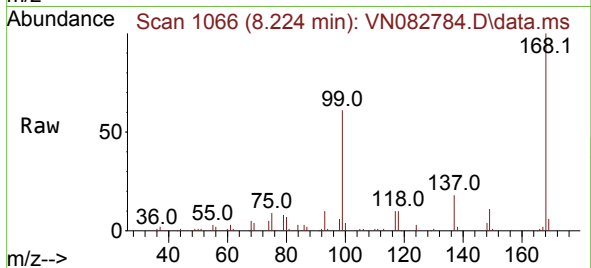
Quant Time: Jul 03 00:29:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



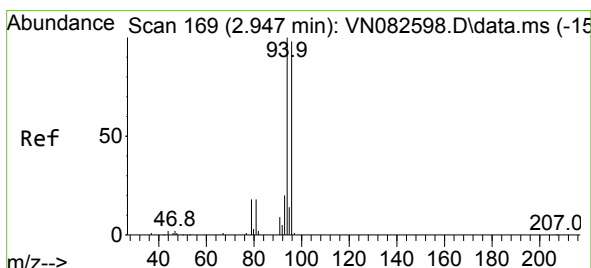
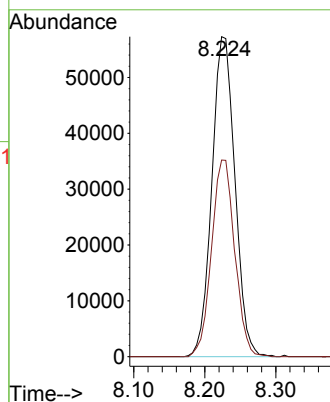
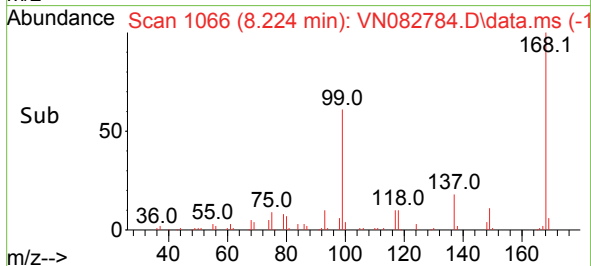


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

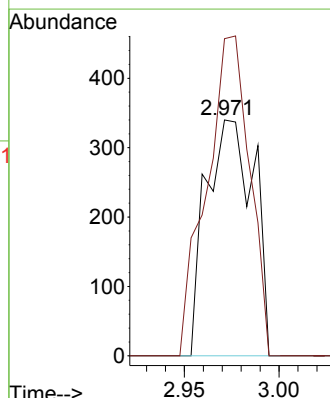
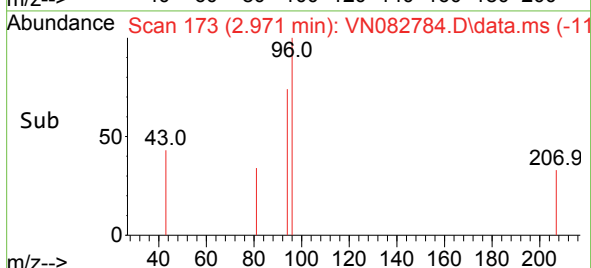
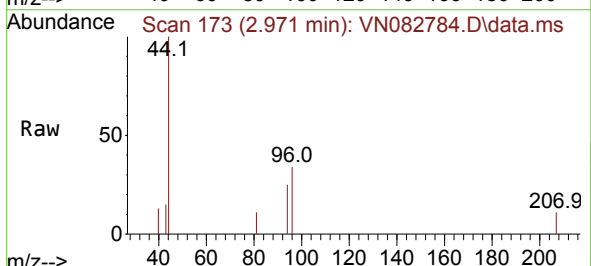


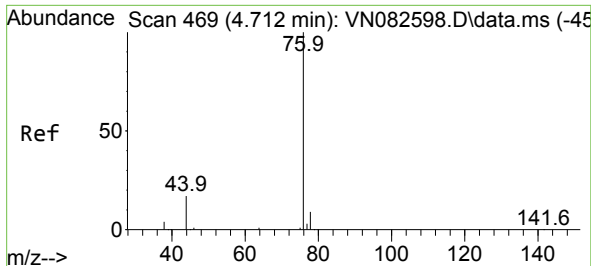
Tgt Ion:168 Resp: 129160
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#5
Bromomethane
Concen: 0.384 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 94 Resp: 598
Ion Ratio Lower Upper
94 100
96 134.4 78.0 117.0#

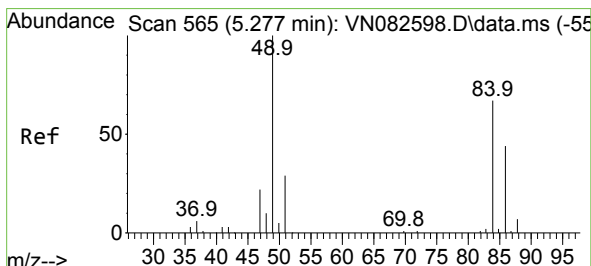
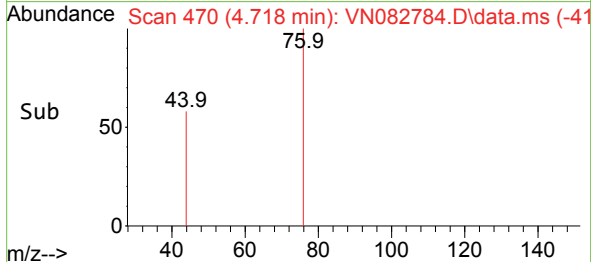
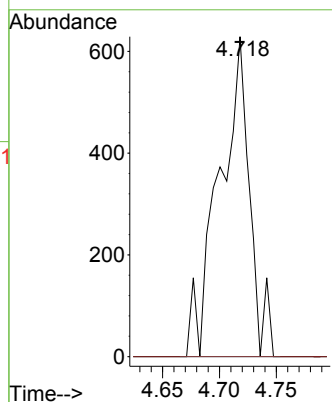
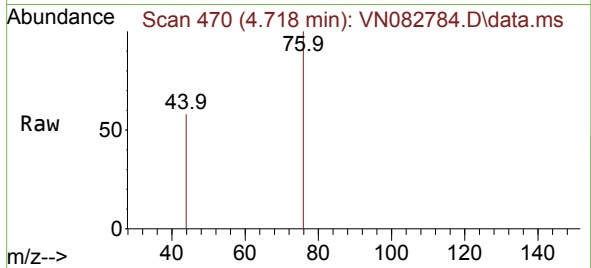




#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

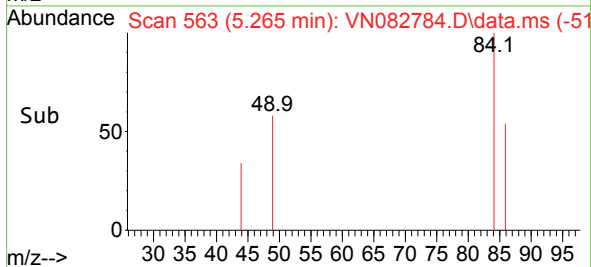
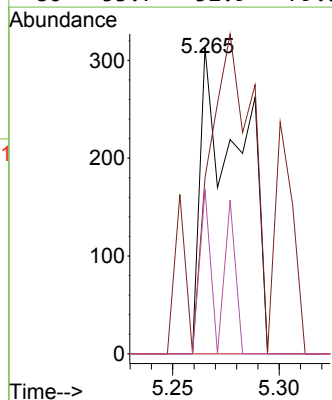
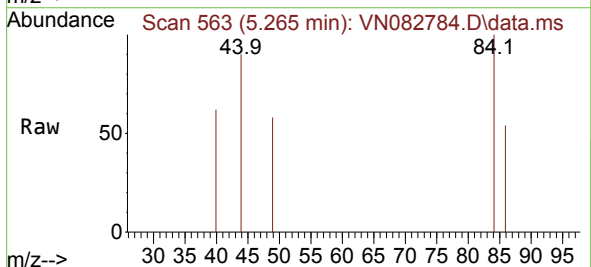
Instrument :
MSVOA_N
ClientSampleId :

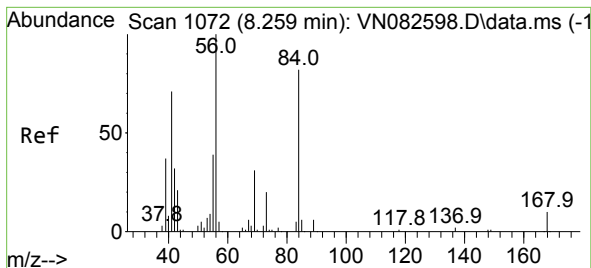
Tgt Ion: 76 Resp: 1165
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 84 Resp: 413
Ion Ratio Lower Upper
84 100
49 5.4 119.6 179.4#
51 0.0 34.8 52.2#
86 53.7 52.9 79.3





#31

Cyclohexane

Concen: 1.131 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

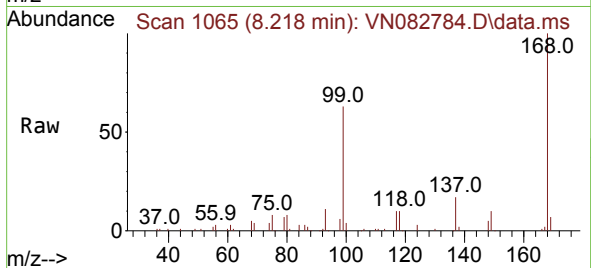
Lab File: VN082784.D

Acq: 02 Jul 2024 14:11

Instrument :

MSVOA_N

ClientSampleId :



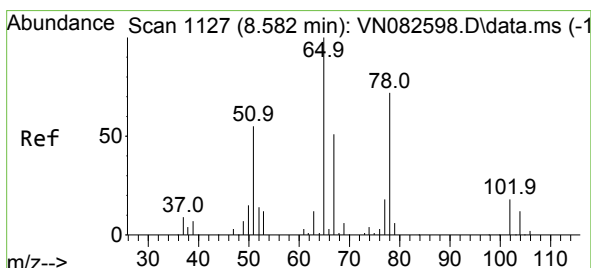
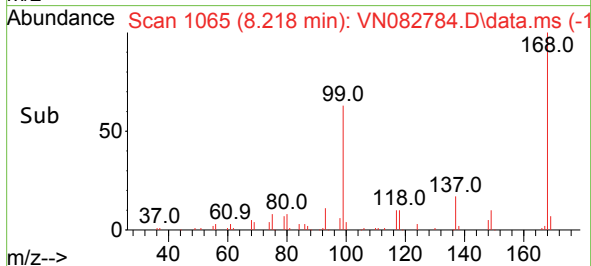
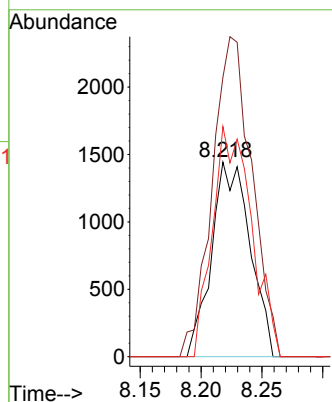
Tgt Ion: 56 Resp: 3175

Ion Ratio Lower Upper

56 100

69 143.6 24.5 36.7#

84 118.2 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 46.719 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082784.D

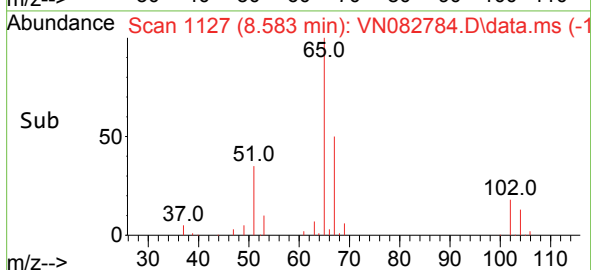
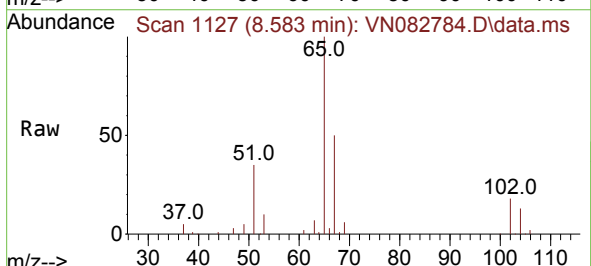
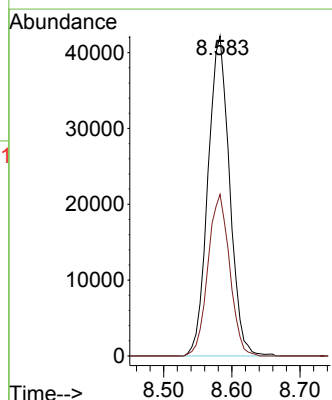
Acq: 02 Jul 2024 14:11

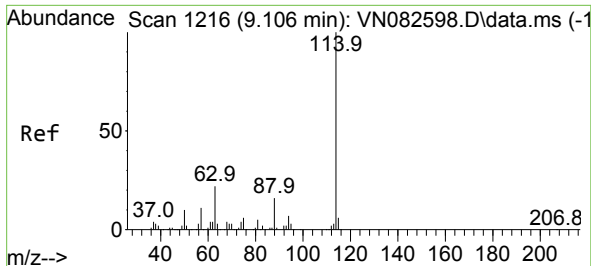
Tgt Ion: 65 Resp: 93057

Ion Ratio Lower Upper

65 100

67 50.7 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

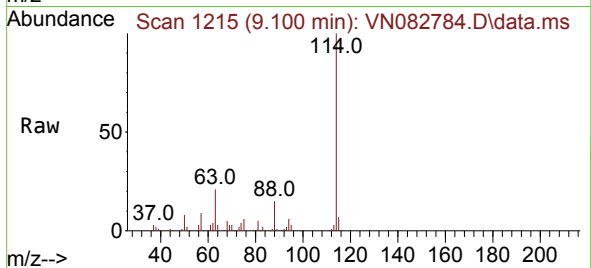
Lab File: VN082784.D

Acq: 02 Jul 2024 14:11

Instrument :

MSVOA_N

ClientSampleId :



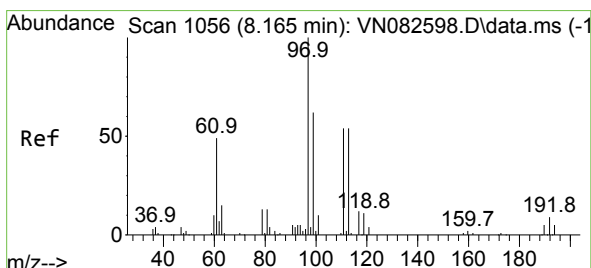
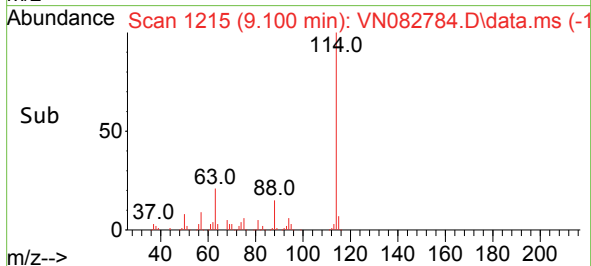
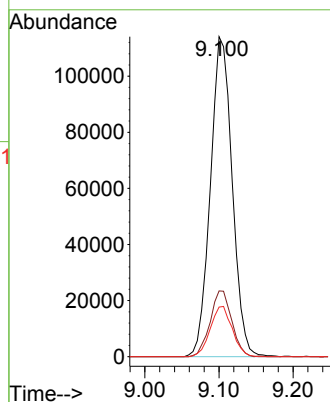
Tgt Ion:114 Resp: 233132

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.196 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082784.D

Acq: 02 Jul 2024 14:11

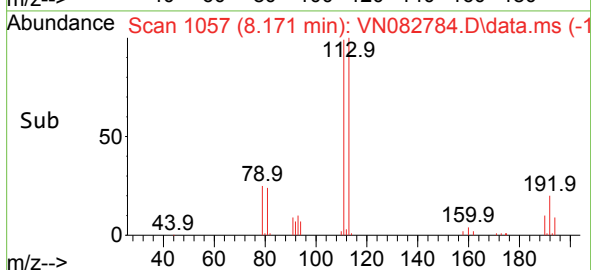
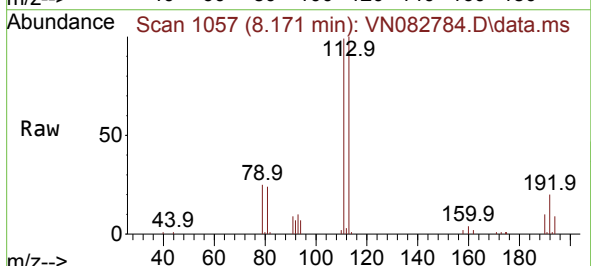
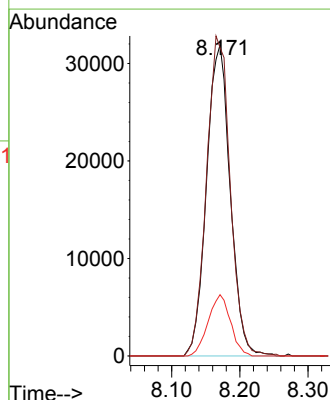
Tgt Ion:113 Resp: 77048

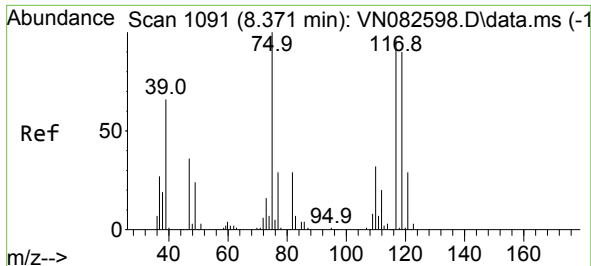
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 18.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.224 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

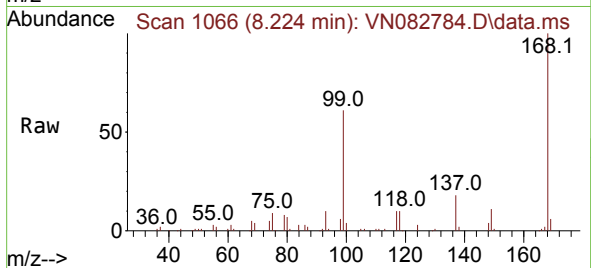
Lab File: VN082784.D

Acq: 02 Jul 2024 14:11

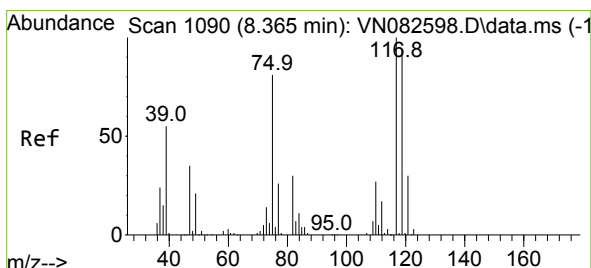
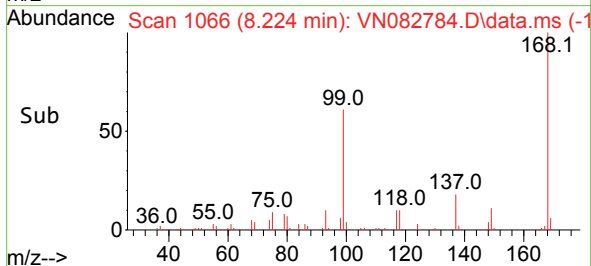
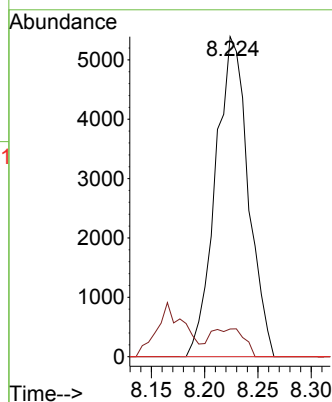
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11525
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

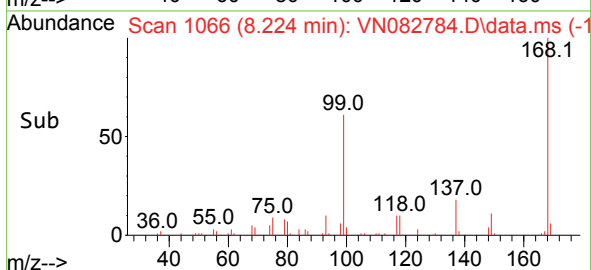
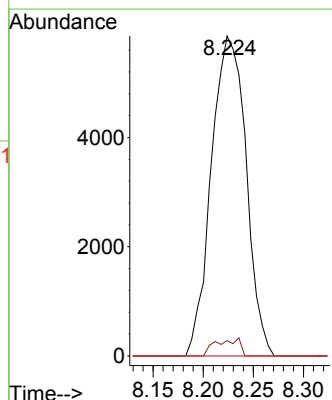
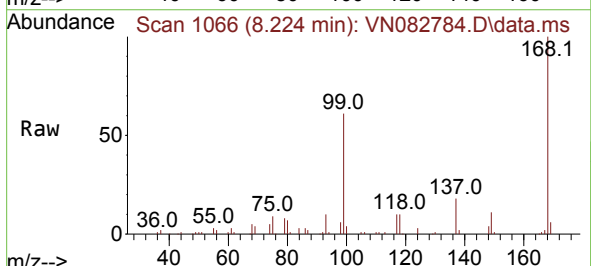
RT: 8.224 min Scan# 1066

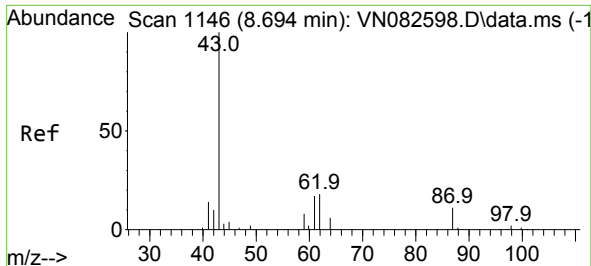
Delta R.T. -0.141 min

Lab File: VN082784.D

Acq: 02 Jul 2024 14:11

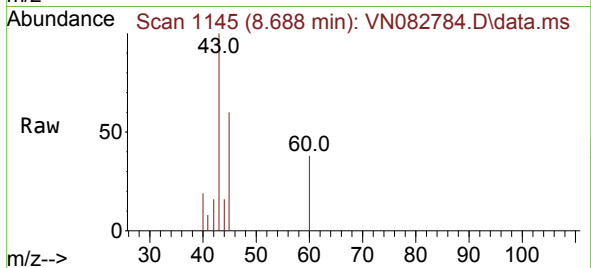
Tgt Ion:	117	Resp:	14111
Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.9	112.3#
121	0.0	24.3	36.5#



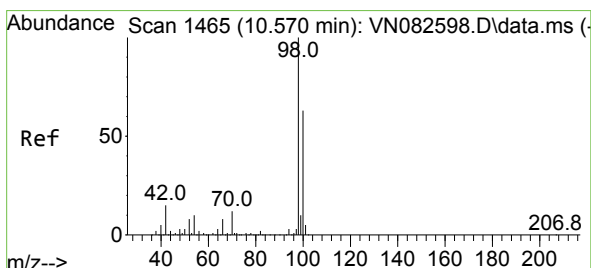
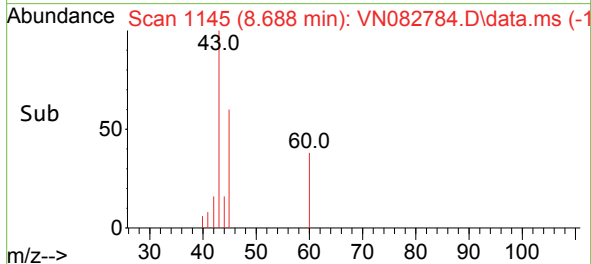
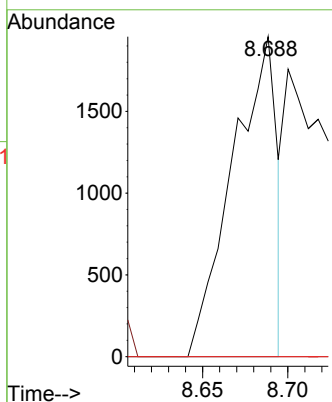


#43
Isopropyl Acetate
Concen: 0.318 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

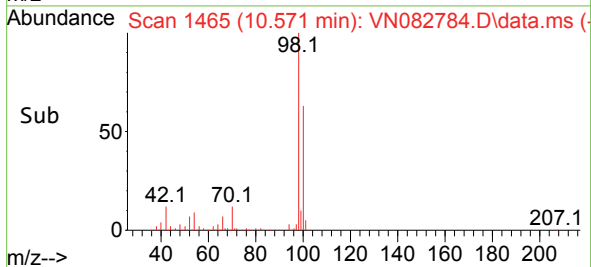
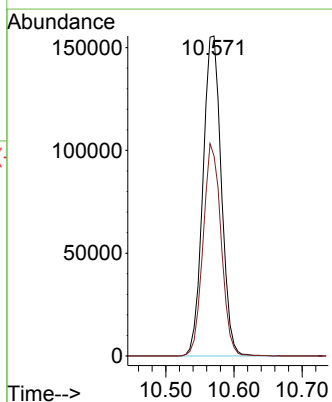
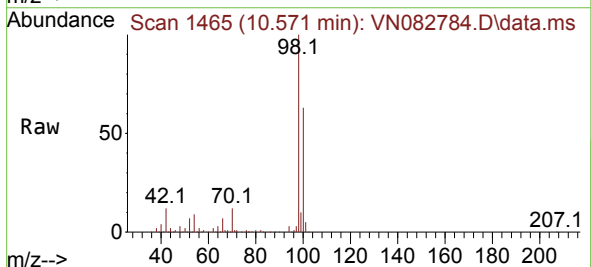


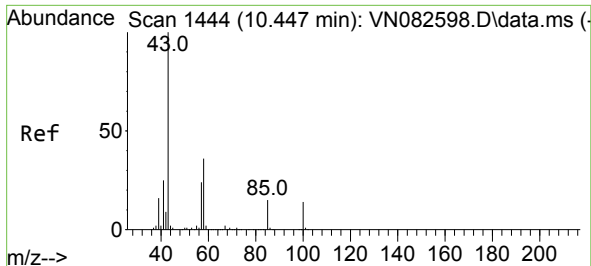
Tgt Ion: 43 Resp: 3544
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 98 Resp: 291627
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

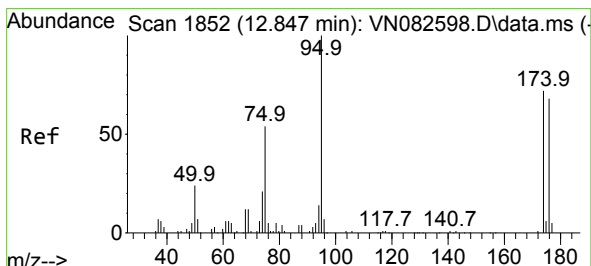
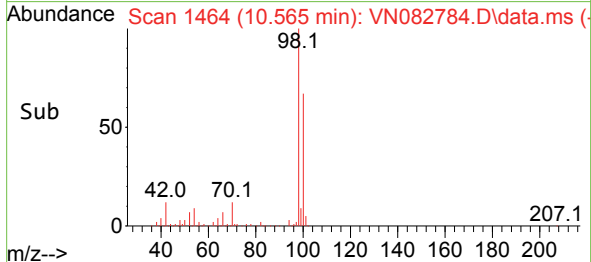
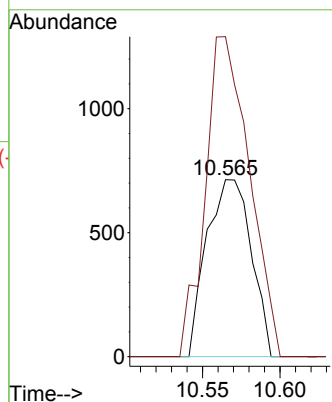
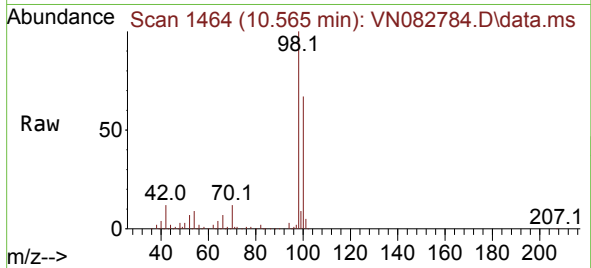




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

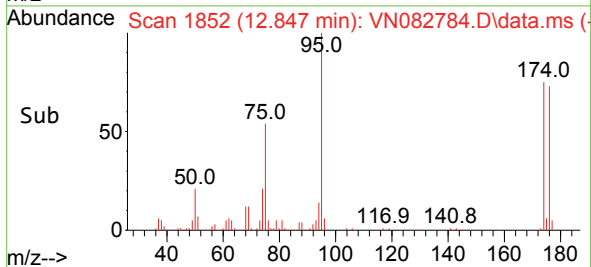
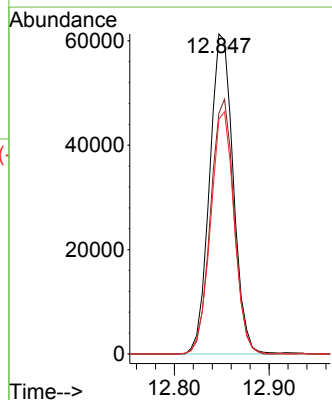
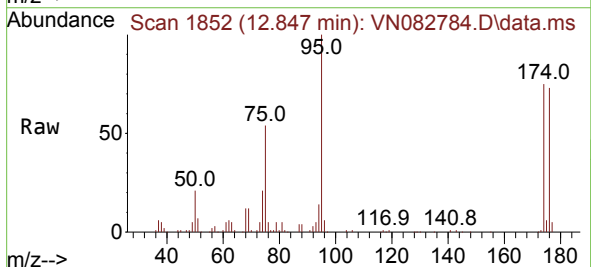
Instrument :
MSVOA_N
ClientSampleId :

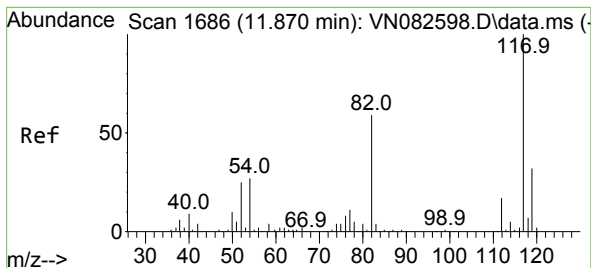
Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 179.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 53.850 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 95 Resp: 106155
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 75.6 0.0 147.6

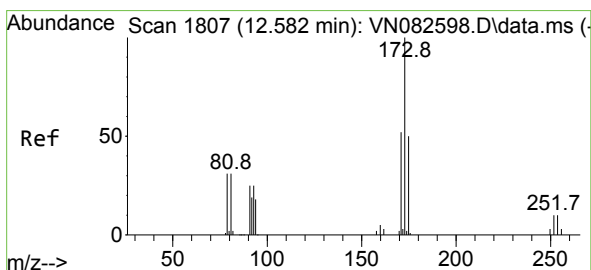
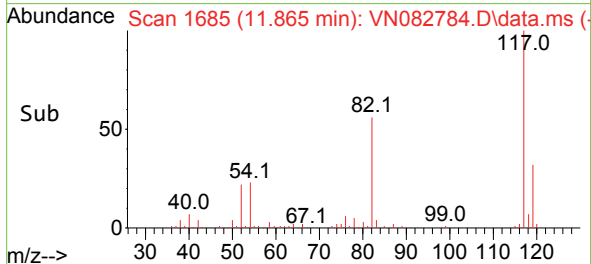
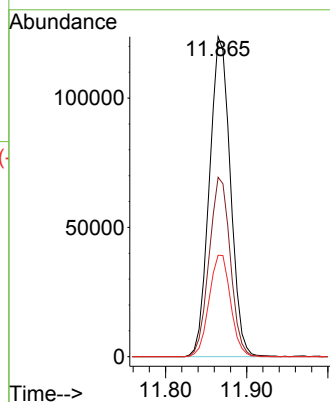
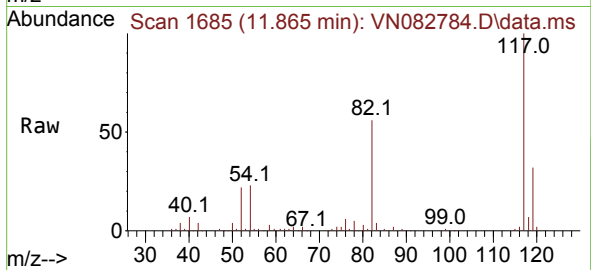




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

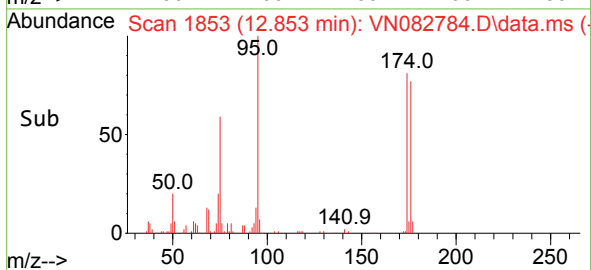
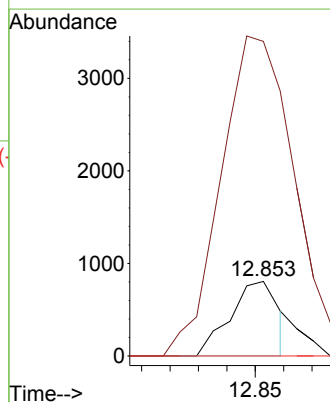
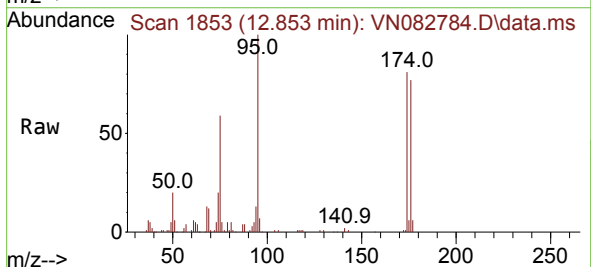
Instrument :
MSVOA_N
ClientSampleId :

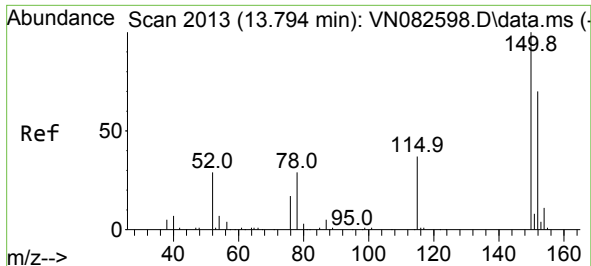
Tgt Ion:117 Resp: 222244
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 31.7 25.6 38.4



#71
Bromoform
Concen: 0.703 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Tgt Ion:173 Resp: 952
Ion Ratio Lower Upper
173 100
175 533.9 24.0 72.0#
254 0.0 0.0 0.0

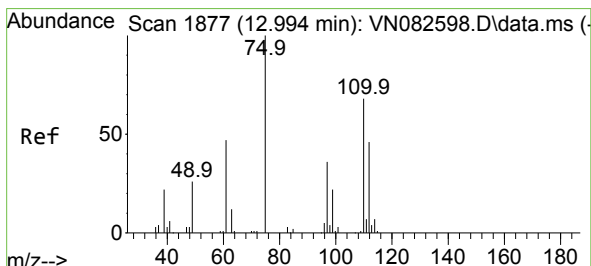
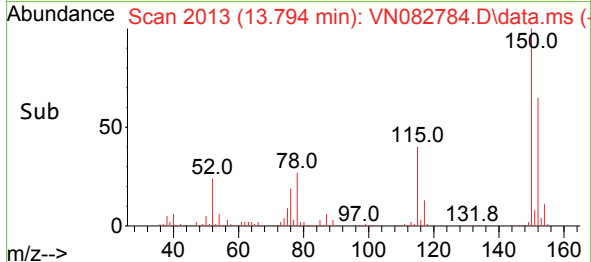
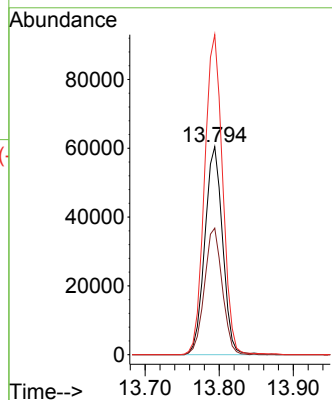
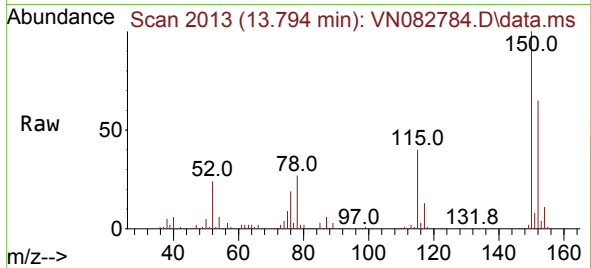




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082784.D
 Acq: 02 Jul 2024 14:11

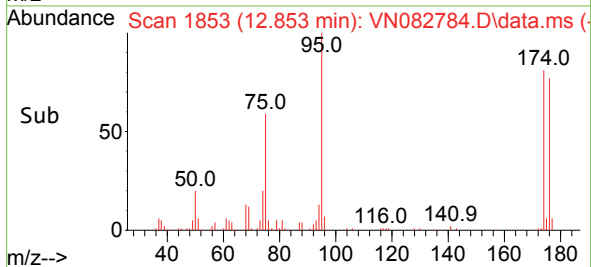
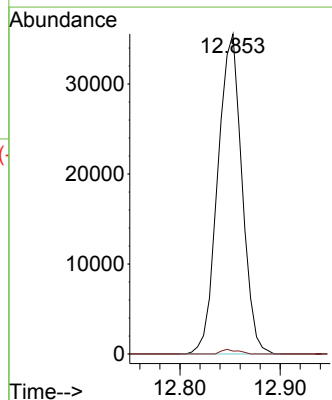
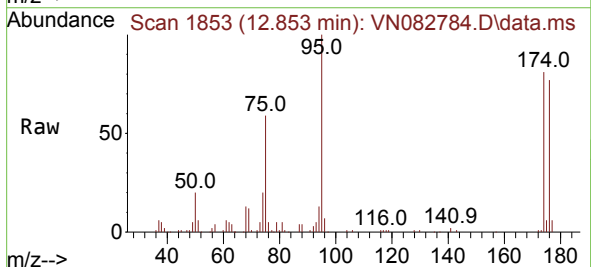
Instrument :
 MSVOA_N
 ClientSampleId :

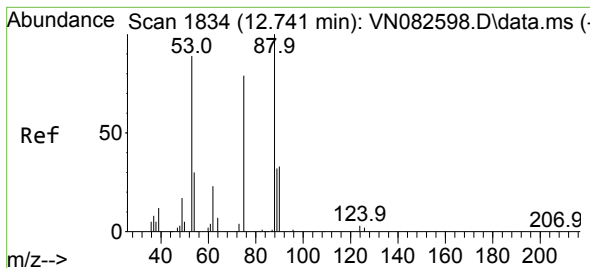
Tgt Ion:152 Resp: 101124
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.6 91.6
 150 155.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 26.965 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082784.D
 Acq: 02 Jul 2024 14:11

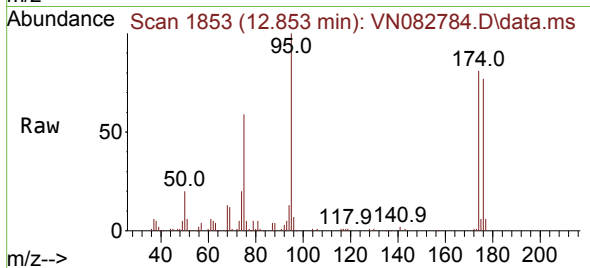
Tgt Ion: 75 Resp: 59479
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#



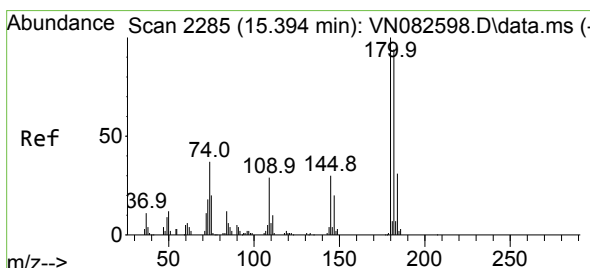
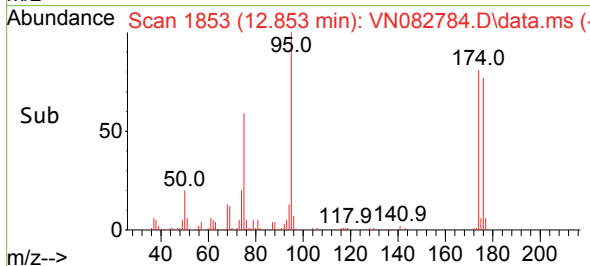
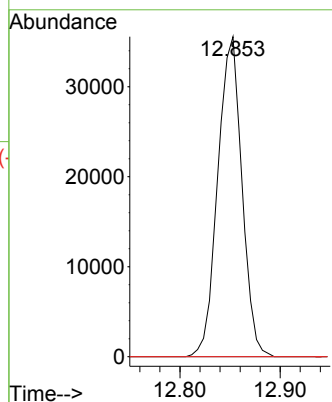


#81
trans-1,4-Dichloro-2-butene
Concen: 70.323 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

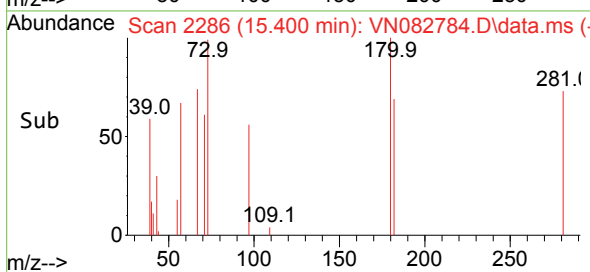
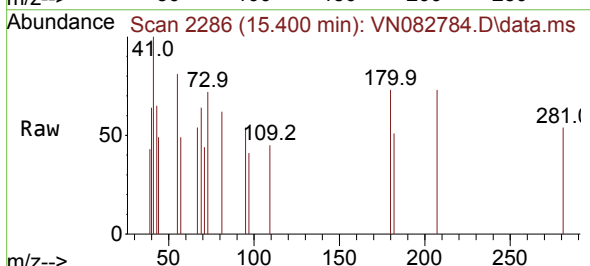
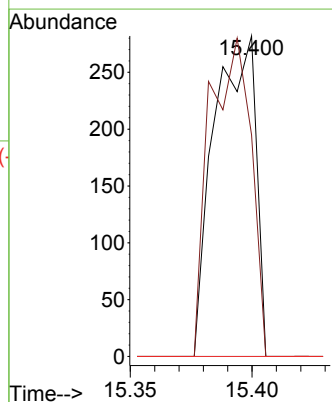


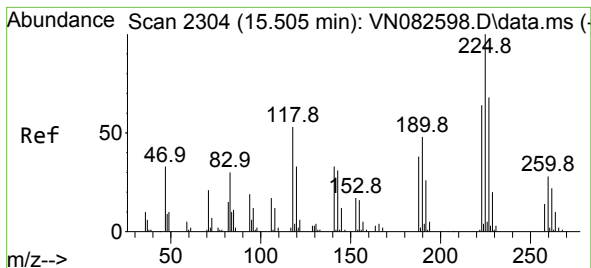
Tgt Ion: 75 Resp: 59479
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.205 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082784.D
Acq: 02 Jul 2024 14:11

Tgt Ion:180 Resp: 334
Ion Ratio Lower Upper
180 100
182 98.8 47.3 141.8
145 0.0 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 0.394 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.001 min

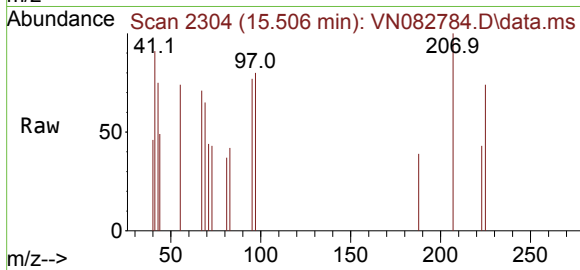
Lab File: VN082784.D

Acq: 02 Jul 2024 14:11

Instrument :

MSVOA_N

ClientSampleId :



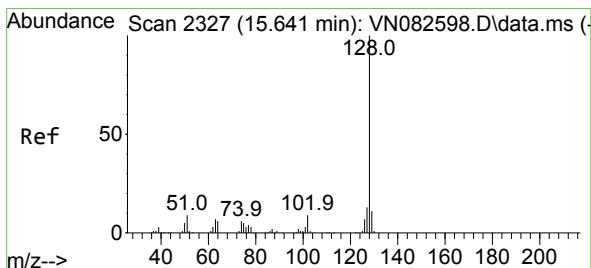
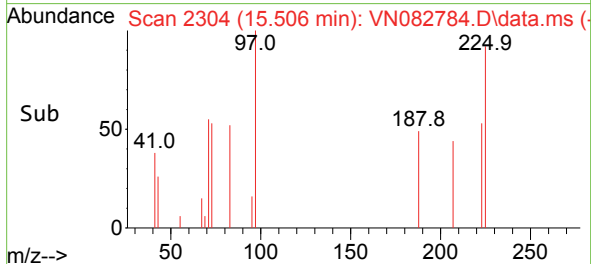
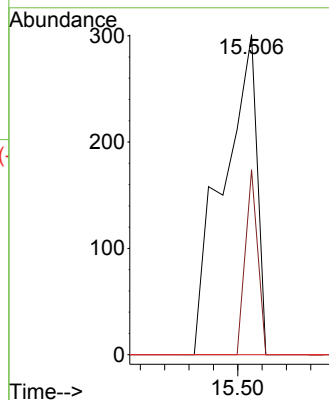
Tgt Ion:225 Resp: 290

Ion Ratio Lower Upper

225 100

223 21.0 31.9 95.7#

227 0.0 32.5 97.5#



#95

Naphthalene

Concen: 0.372 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN082784.D

Acq: 02 Jul 2024 14:11

Tgt Ion:128 Resp: 2011

Ion Ratio Lower Upper

128 100

127 3.2 10.6 16.0#

129 0.0 8.6 12.8#

