

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081764.D
 Acq On : 16 Apr 2024 17:15
 Operator : JC\MD
 Sample : P2073-03DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

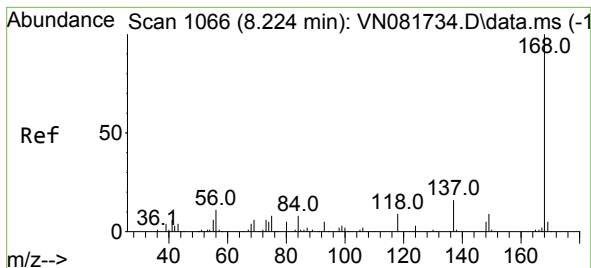
Quant Time: Apr 17 03:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	219696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160804	52.015	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.040%		
35) Dibromofluoromethane	8.165	113	127793	48.956	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.920%		
50) Toluene-d8	10.571	98	481951	50.117	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.240%		
62) 4-Bromofluorobenzene	12.853	95	157888	48.046	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 96.100%		
Target Compounds						
3) Chloromethane	2.365	50	615	Below Cal	#	Qvalue 43
5) Bromomethane	2.983	94	1655	0.804	ug/l #	68
6) Chloroethane	3.130	64	61	Below Cal	#	44
9) 1,1,2-Trichlorotrifluo...	4.383	101	7250	2.632	ug/l #	88
16) Acetone	4.436	43	510	0.593	ug/l	94
20) Methylene Chloride	5.271	84	382	Below Cal	#	59
31) Cyclohexane	8.235	56	5330	1.257	ug/l #	43
32) 1,1,1-Trichloroethane	8.177	97	1423	0.298	ug/l #	52
36) 1,1-Dichloropropene	8.230	75	18135	4.986	ug/l #	53
38) Carbon Tetrachloride	8.224	117	25510	6.029	ug/l #	17
39) Methylcyclohexane	9.359	83	1283	0.299	ug/l #	1
43) Isopropyl Acetate	8.688	43	8552	1.534	ug/l #	52
44) Trichloroethene	9.353	130	91272	30.980	ug/l	99
51) 4-Methyl-2-Pentanone	10.565	43	2485	0.801	ug/l #	1
60) Dibromochloromethane	11.106	129	2402	0.735	ug/l #	11
64) Tetrachloroethene	11.100	164	2432	0.795	ug/l	91
76) 1,2,3-Trichloropropane	12.853	75	85413	31.395	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	85413	73.018	ug/l #	12

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

Quant Time: Apr 17 03:28:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN081764.D

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Instrument :

MSVOA_N

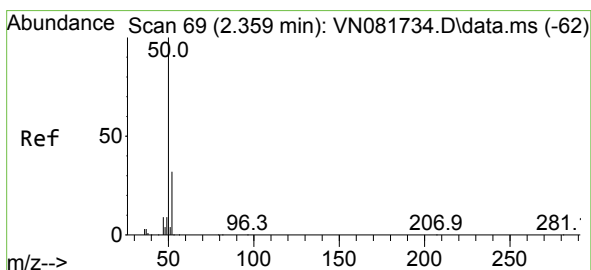
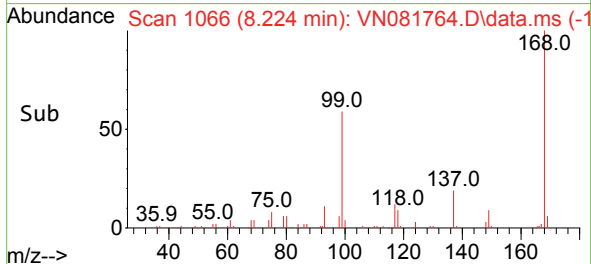
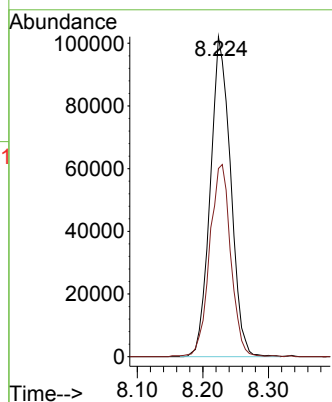
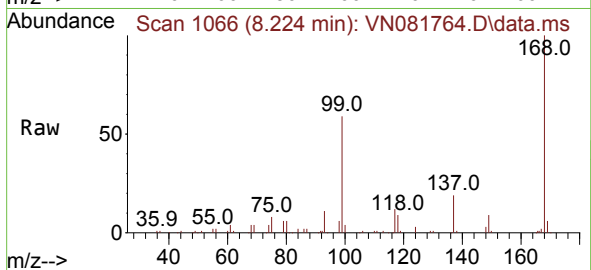
ClientSampleId :

Tgt Ion:168 Resp: 219696

Ion Ratio Lower Upper

168 100

99 58.6 48.2 72.4



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081764.D

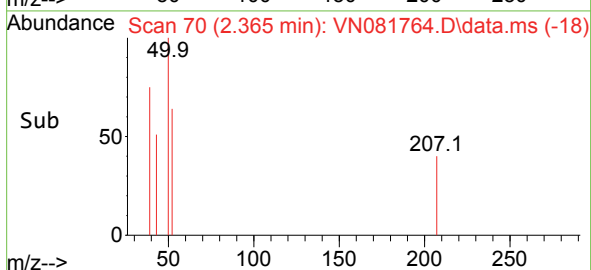
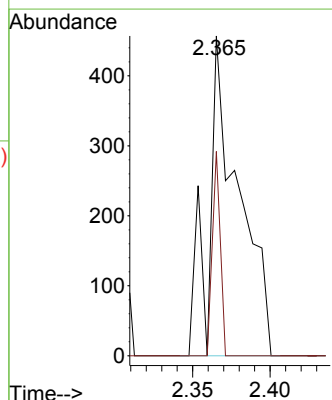
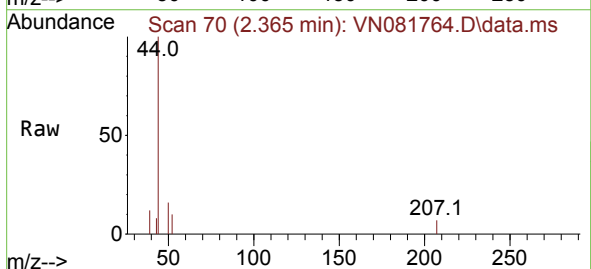
Acq: 16 Apr 2024 17:15

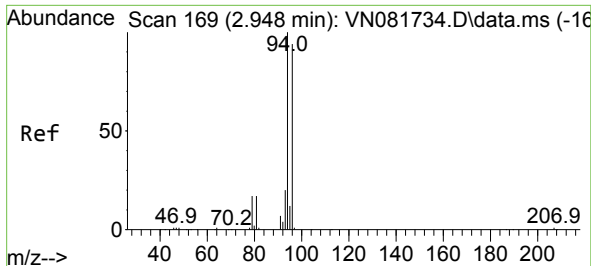
Tgt Ion: 50 Resp: 615

Ion Ratio Lower Upper

50 100

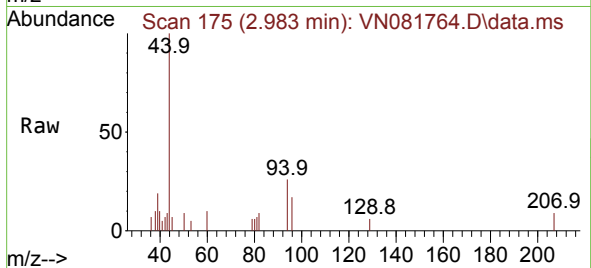
52 63.9 25.5 38.3#



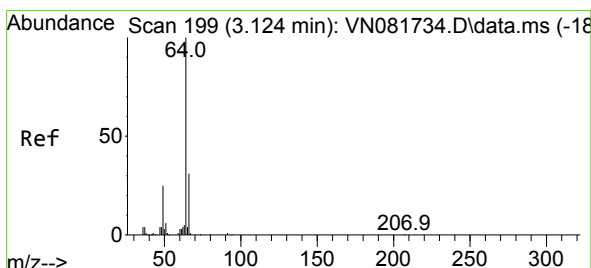
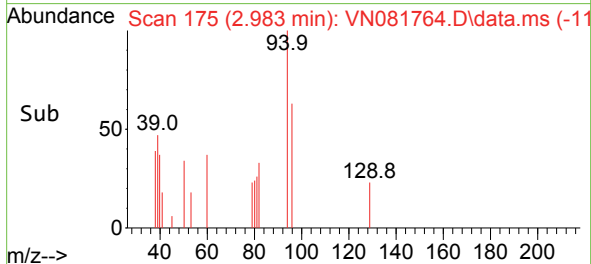
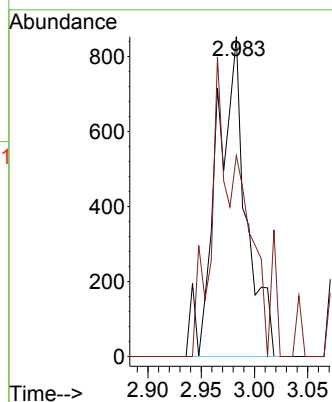


#5
Bromomethane
Concen: 0.804 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :

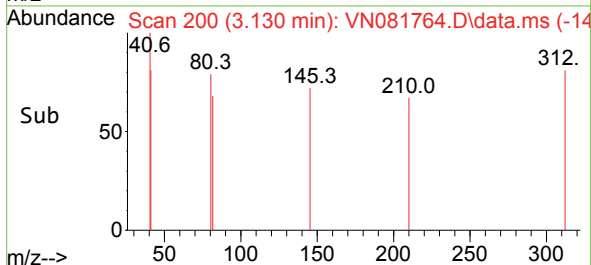
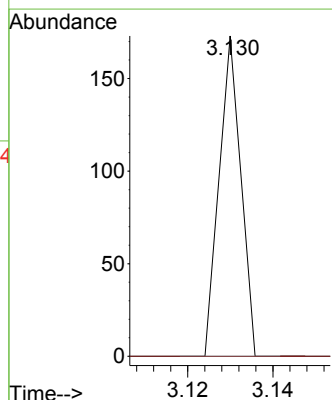
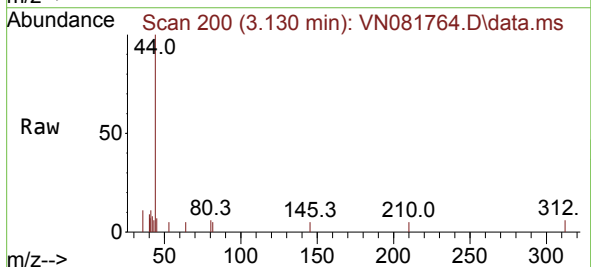


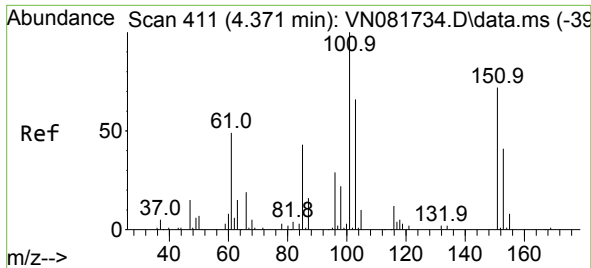
Tgt Ion: 94 Resp: 1655
Ion Ratio Lower Upper
94 100
96 62.8 74.8 112.2#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

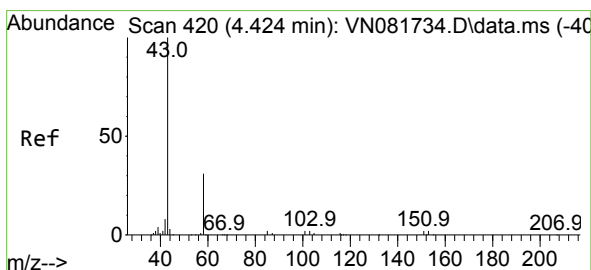
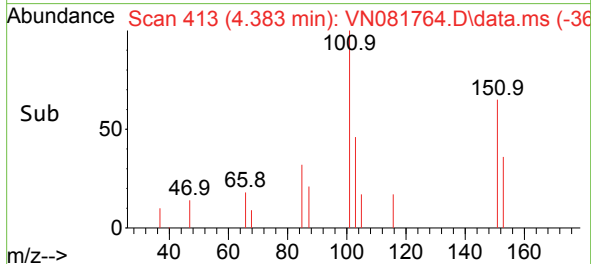
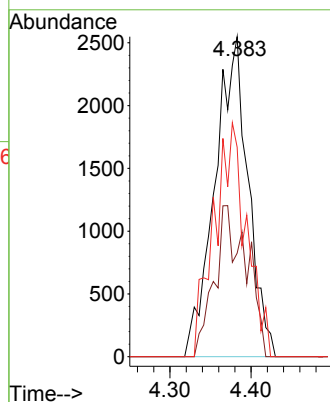
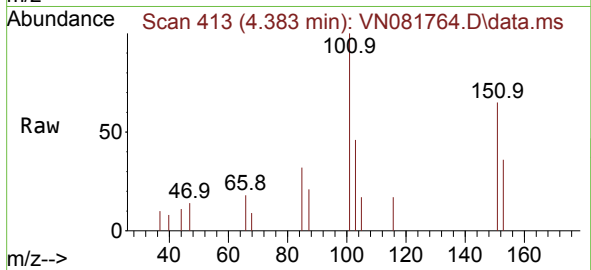




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.632 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

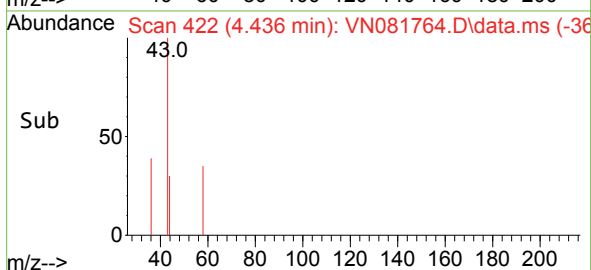
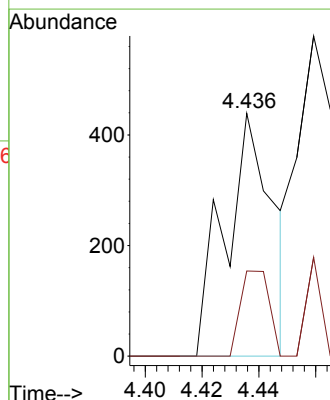
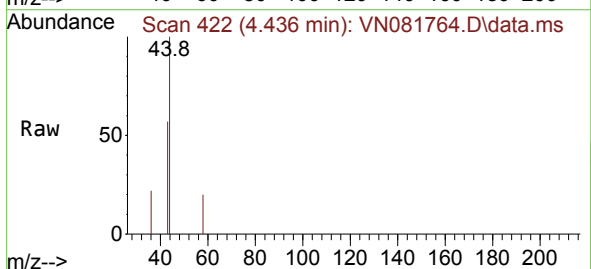
Instrument :
MSVOA_N
ClientSampleId :

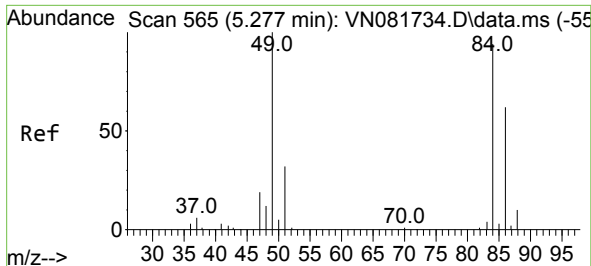
Tgt Ion:101 Resp: 7250
Ion Ratio Lower Upper
101 100
85 29.6 37.3 55.9#
151 71.5 59.2 88.8



#16
Acetone
Concen: 0.593 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

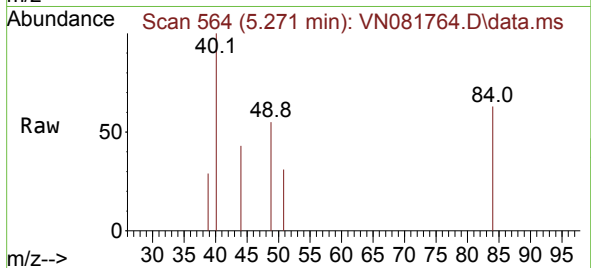
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 35.1 25.2 37.8



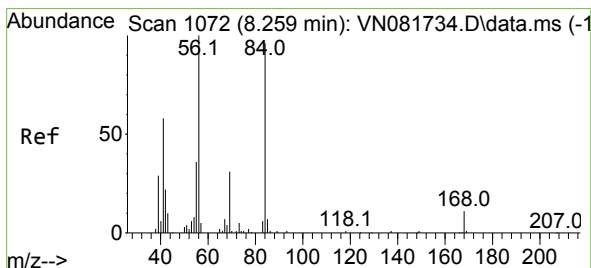
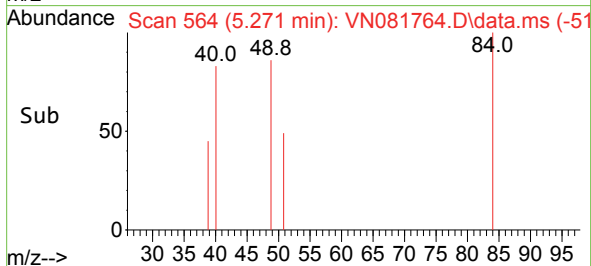
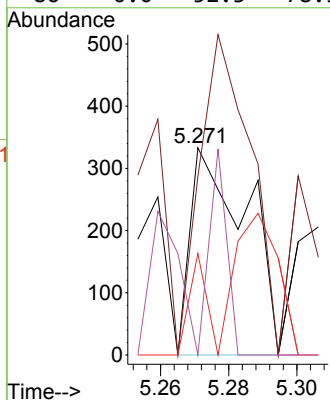


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :

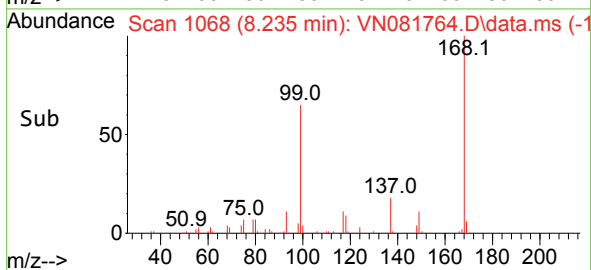
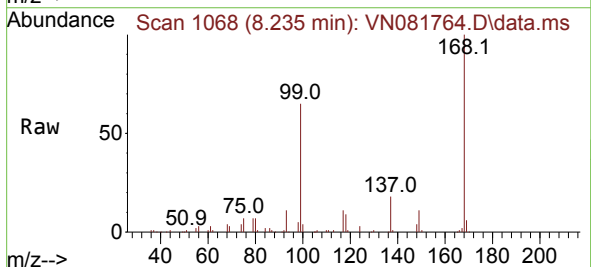
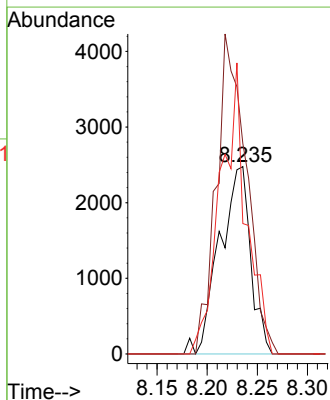


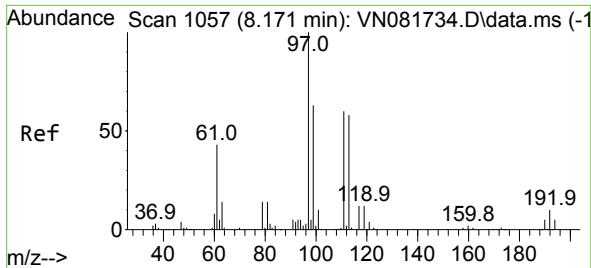
Tgt Ion:	84	Resp:	382
Ion	Ratio	Lower	Upper
84	100		
49	86.2	84.9	127.3
51	48.9	27.0	40.6#
86	0.0	52.3	78.5#



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

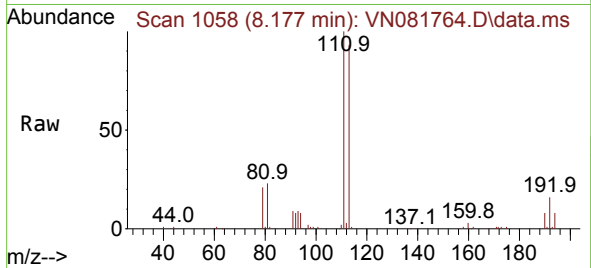
Tgt Ion:	56	Resp:	5330
Ion	Ratio	Lower	Upper
56	100		
69	112.3	24.4	36.6#
84	69.6	77.0	115.4#



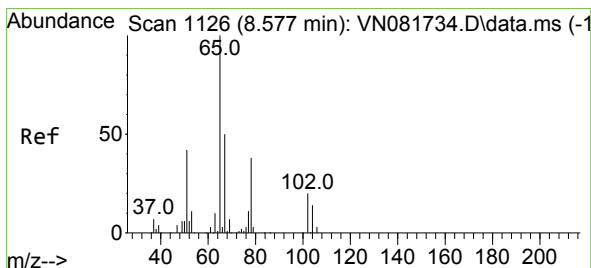
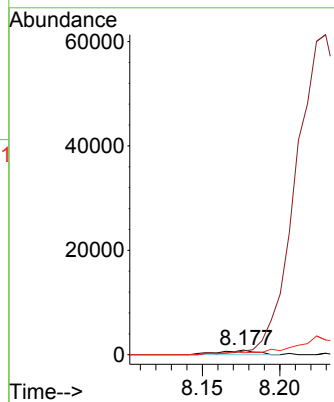
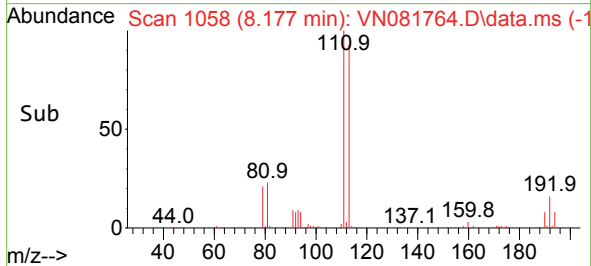


#32
 1,1,1-Trichloroethane
 Concen: 0.298 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN081764.D
 Acq: 16 Apr 2024 17:15

Instrument :
 MSVOA_N
 ClientSampleId :

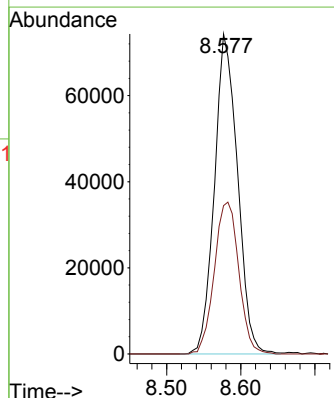
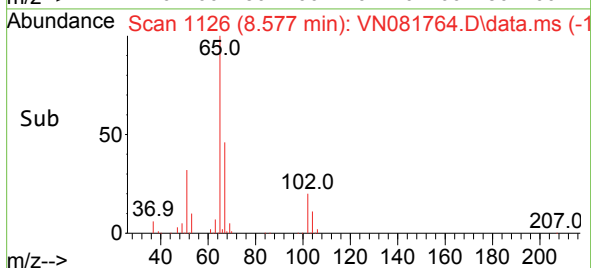
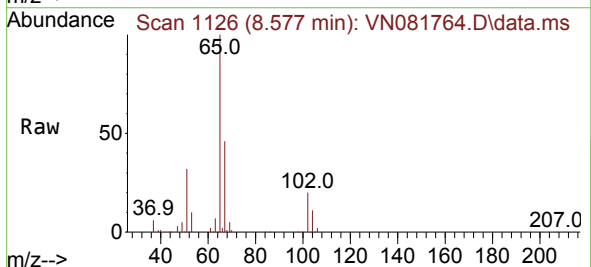


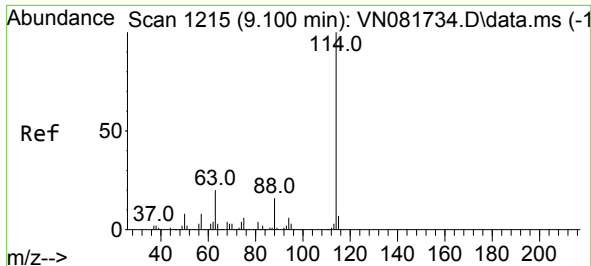
Tgt Ion: 97 Resp: 1423
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.3 75.5#
 61 43.4 36.6 55.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.015 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN081764.D
 Acq: 16 Apr 2024 17:15

Tgt Ion: 65 Resp: 160804
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.0

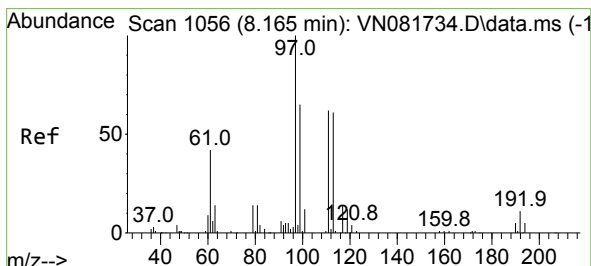
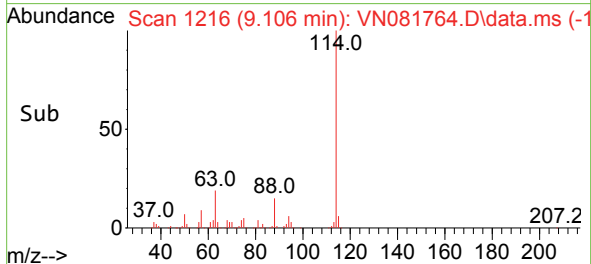
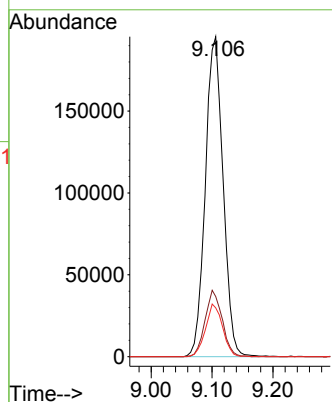
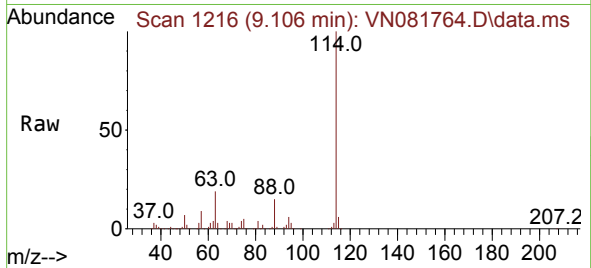




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

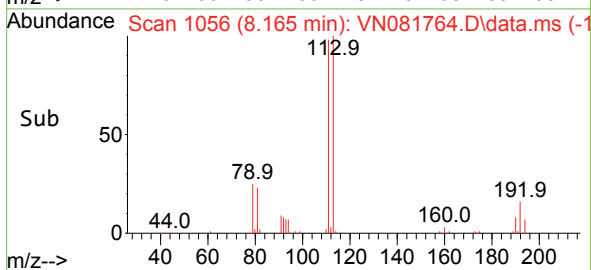
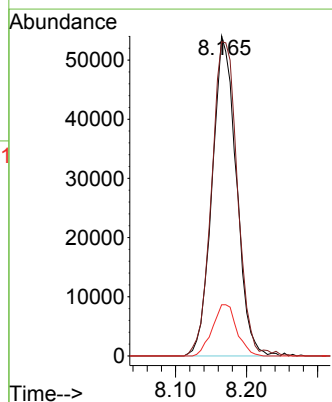
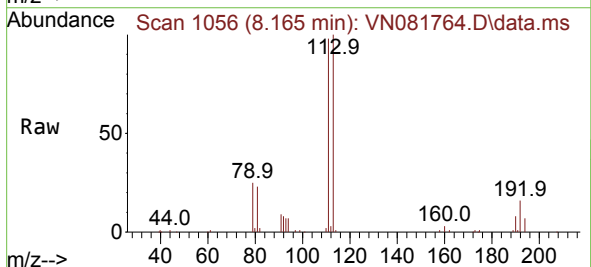
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ClientSampleId :

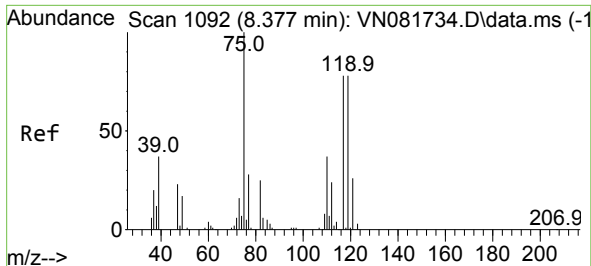
Tgt Ion:114 Resp: 395303
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.956 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

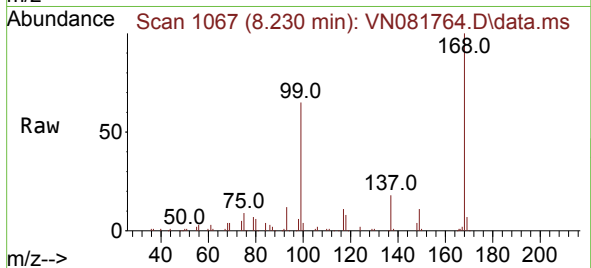
Tgt Ion:113 Resp: 127793
Ion Ratio Lower Upper
113 100
111 104.8 83.4 125.2
192 16.1 14.0 21.0



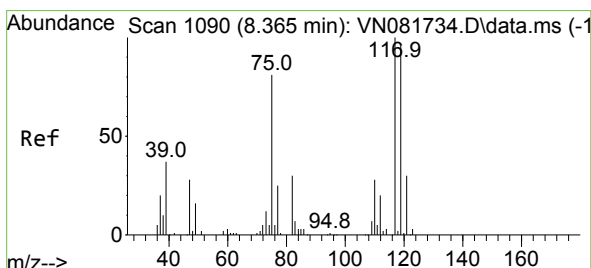
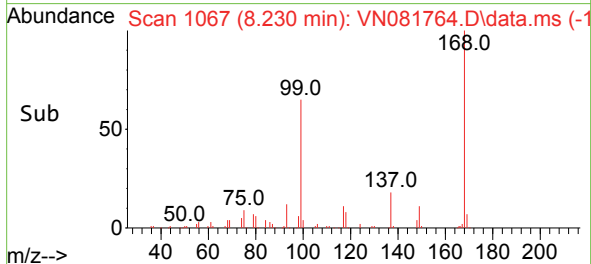
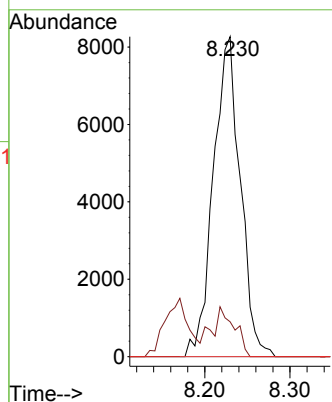


#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :

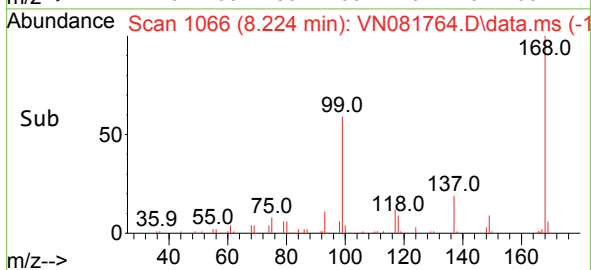
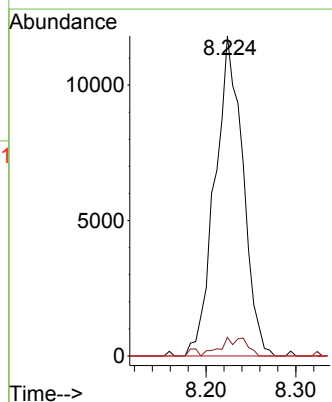
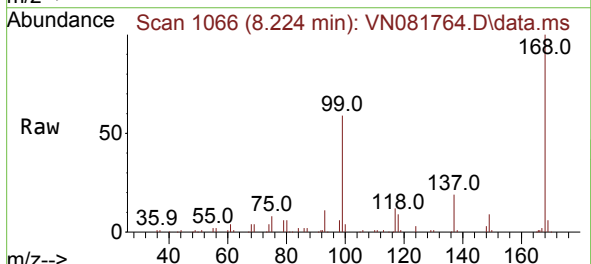


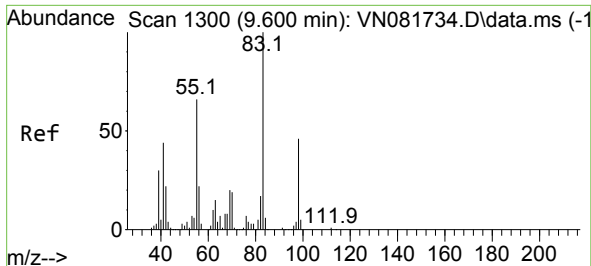
Tgt Ion: 75 Resp: 18135
Ion Ratio Lower Upper
75 100
110 13.4 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Tgt Ion: 117 Resp: 25510
Ion Ratio Lower Upper
117 100
119 5.8 76.5 114.7#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.299 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.241 min

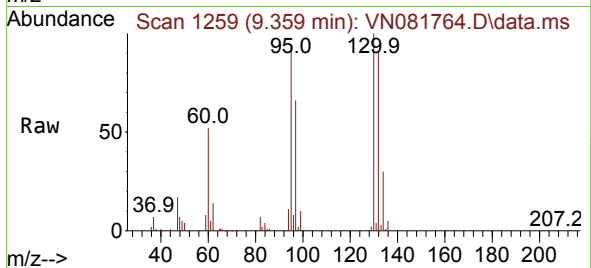
Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :



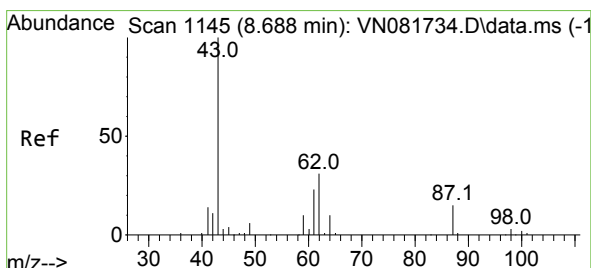
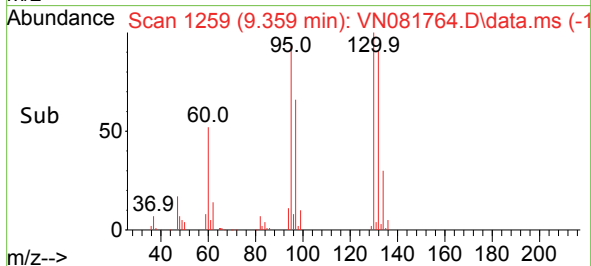
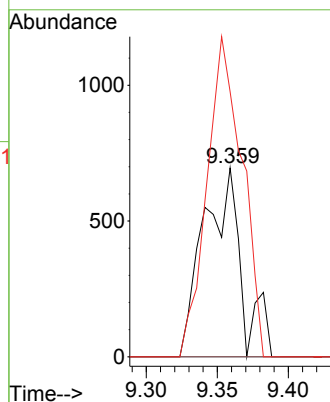
Tgt Ion: 83 Resp: 1283

Ion Ratio Lower Upper

83 100

55 0.0 53.0 79.6#

98 140.2 37.1 55.7#



#43

Isopropyl Acetate

Concen: 1.534 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

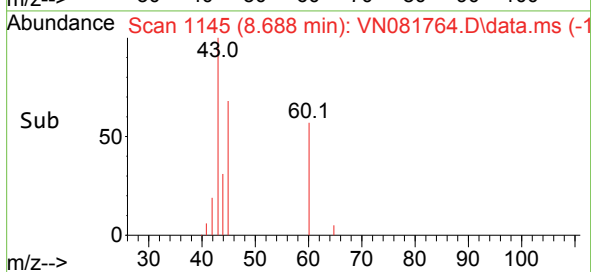
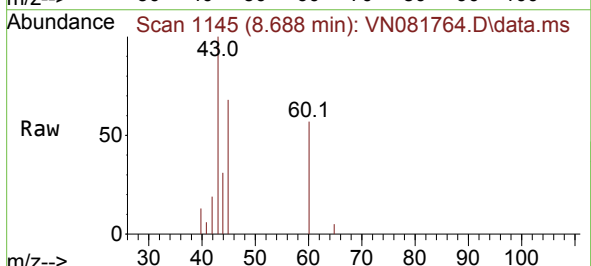
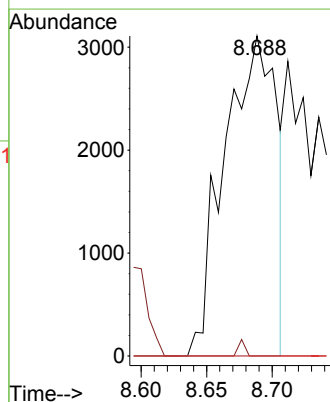
Tgt Ion: 43 Resp: 8552

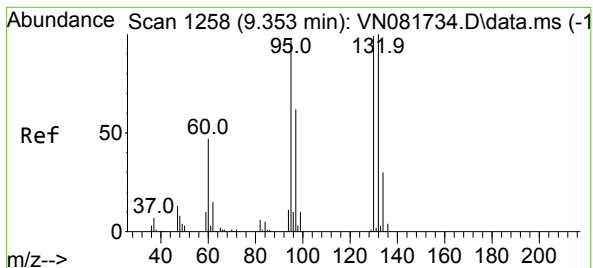
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#





#44

Trichloroethene

Concen: 30.980 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Instrument :

MSVOA_N

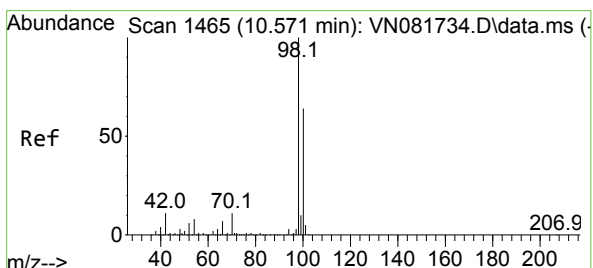
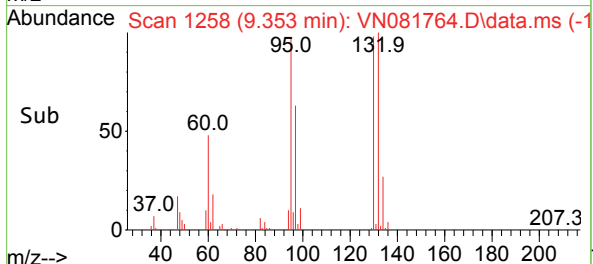
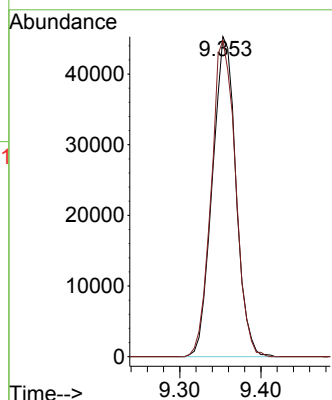
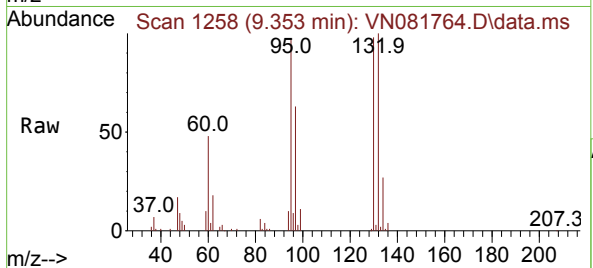
ClientSampleId :

Tgt Ion:130 Resp: 91272

Ion Ratio Lower Upper

130 100

95 98.8 0.0 195.4



#50

Toluene-d8

Concen: 50.117 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081764.D

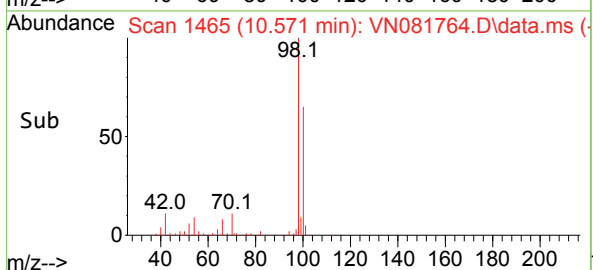
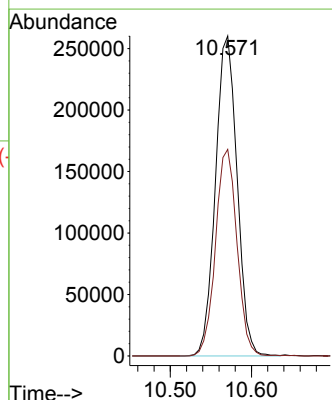
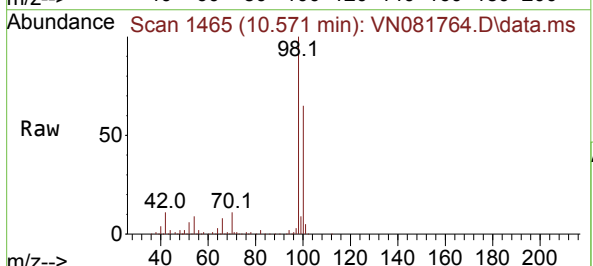
Acq: 16 Apr 2024 17:15

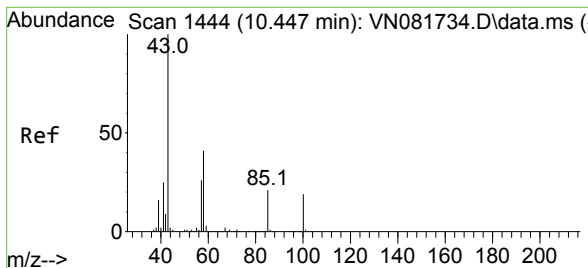
Tgt Ion: 98 Resp: 481951

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6

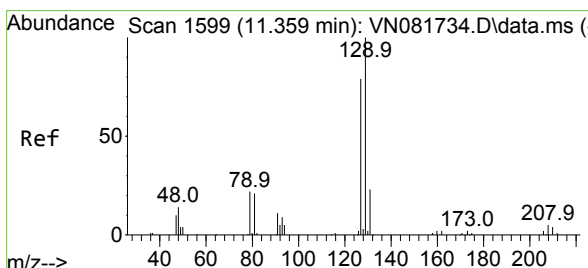
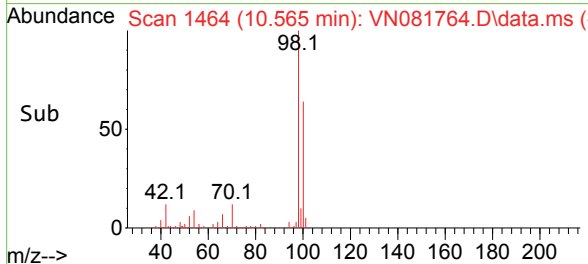
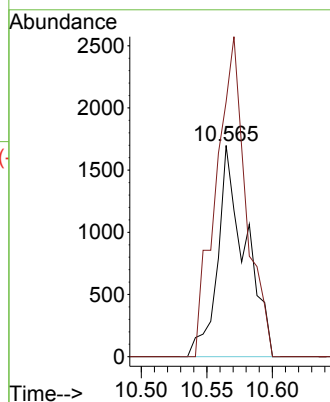
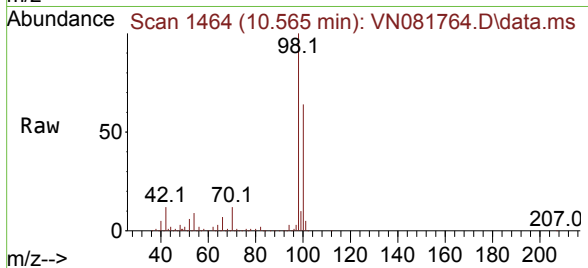




#51
4-Methyl-2-Pentanone
Concen: 0.801 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

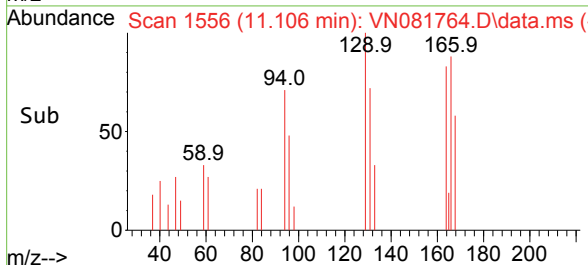
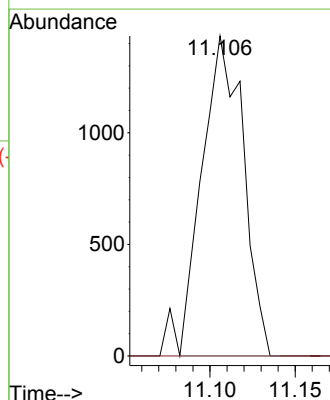
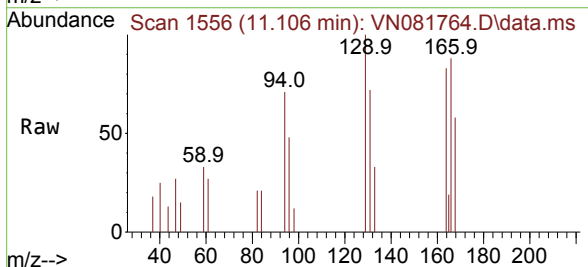
Instrument :
MSVOA_N
ClientSampleId :

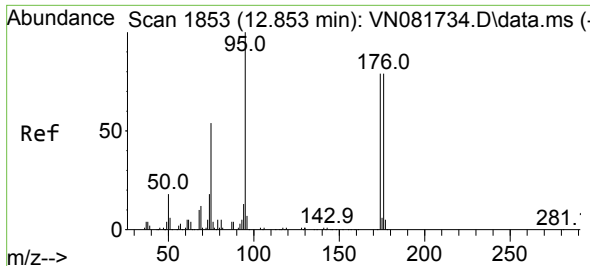
Tgt Ion: 43 Resp: 2485
Ion Ratio Lower Upper
43 100
58 164.8 33.2 49.8#



#60
Dibromochloromethane
Concen: 0.735 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Tgt Ion: 129 Resp: 2402
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#

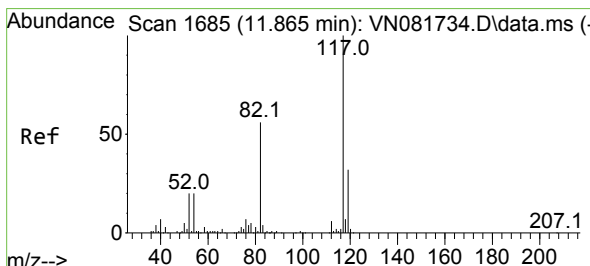
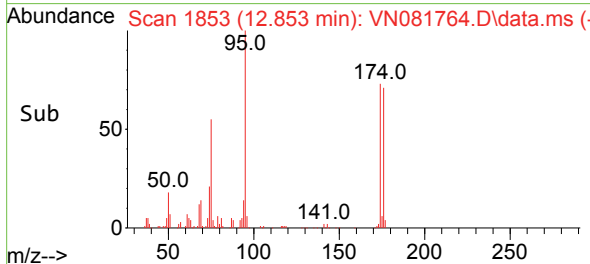
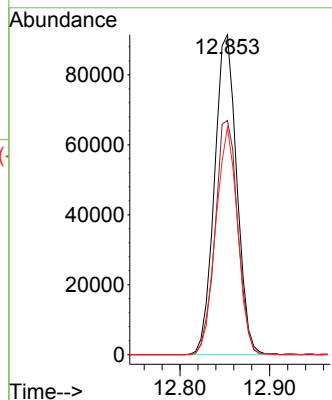
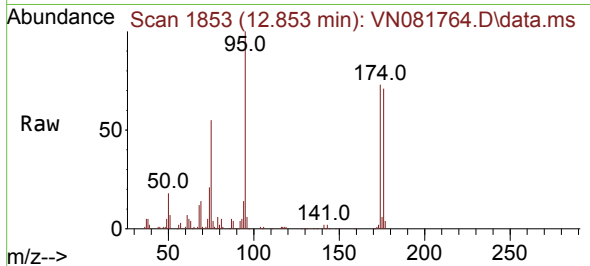




#62
4-Bromofluorobenzene
Concen: 48.046 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

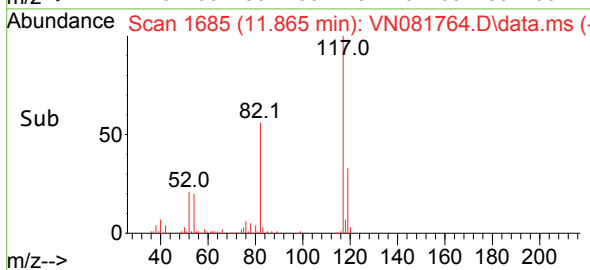
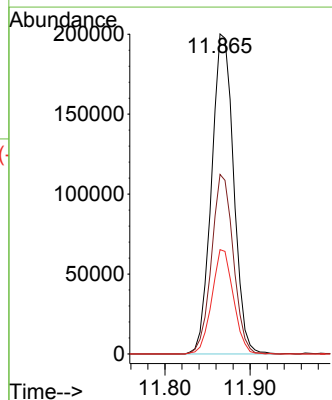
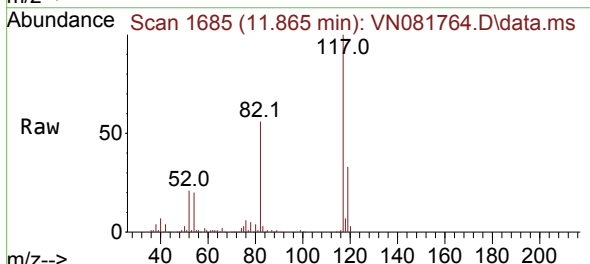
Instrument :
MSVOA_N
ClientSampleId :

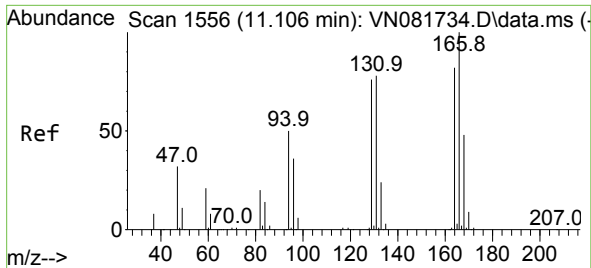
Tgt Ion: 95 Resp: 157888
Ion Ratio Lower Upper
95 100
174 74.3 0.0 160.6
176 69.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

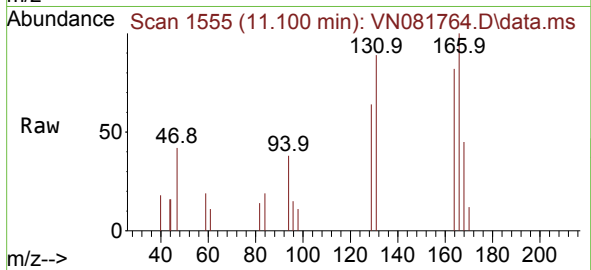
Tgt Ion: 117 Resp: 360519
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 32.6 25.9 38.9





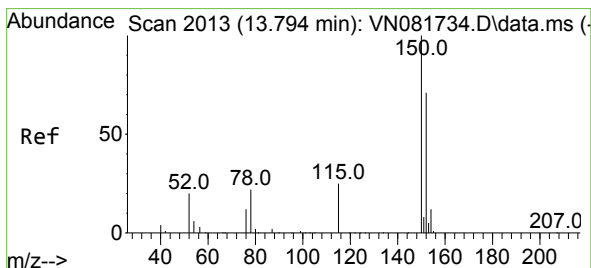
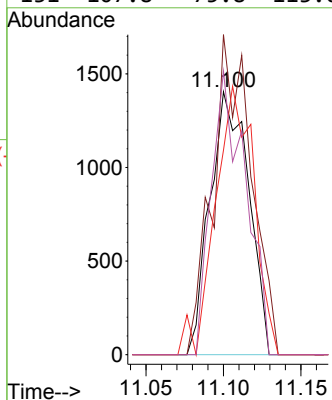
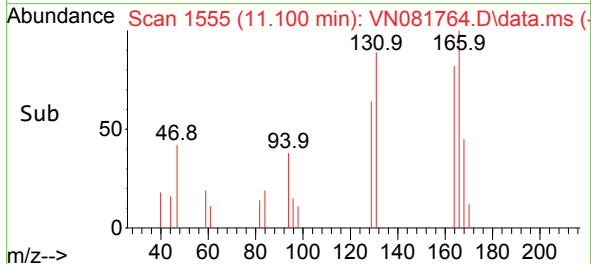
#64
Tetrachloroethene
Concen: 0.795 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :

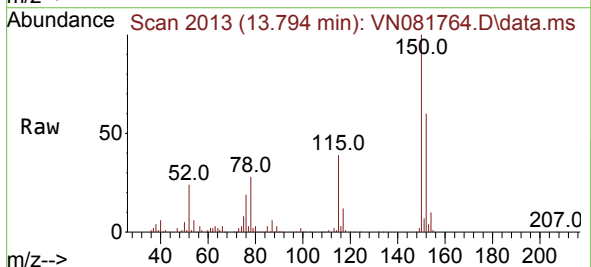


Tgt Ion:164 Resp: 2432

Ion	Ratio	Lower	Upper
164	100		
166	121.7	97.6	146.4
129	77.8	73.7	110.5
131	107.8	75.8	113.6

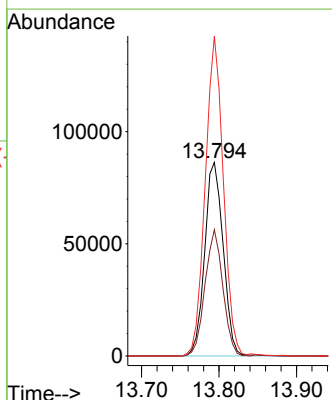
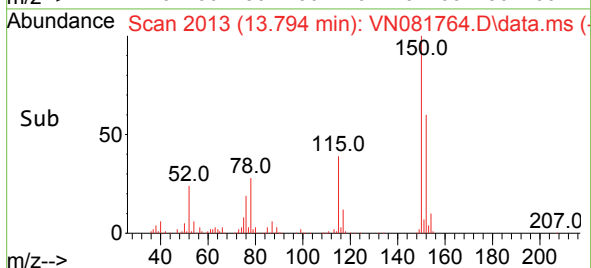


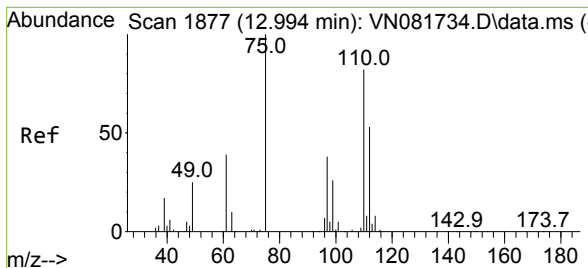
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15



Tgt Ion:152 Resp: 143129

Ion	Ratio	Lower	Upper
152	100		
115	62.9	30.4	91.3
150	161.9	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 31.395 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

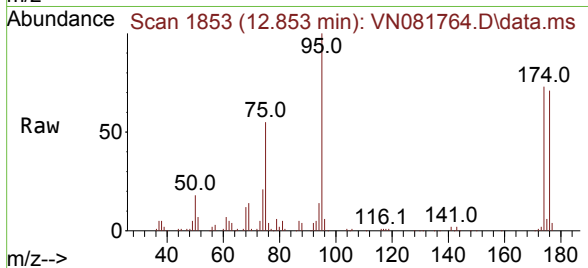
Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

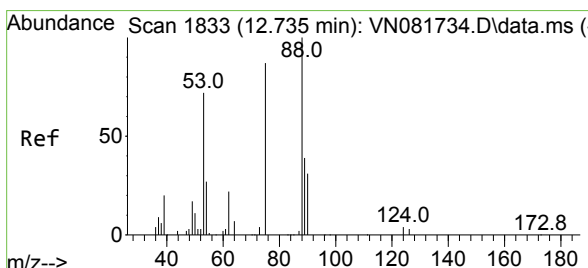
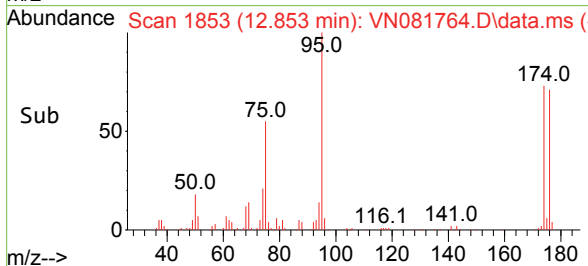
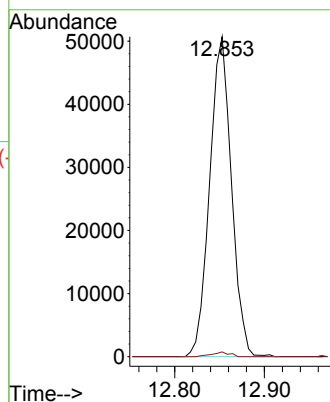


Tgt Ion: 75 Resp: 85413

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.018 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Tgt Ion: 75 Resp: 85413

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

