

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082456.D
 Acq On : 04 Jun 2024 13:26
 Operator : JC\MD
 Sample : P2707-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 05 03:20:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	152385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	261879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130962	54.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.860%	
35) Dibromofluoromethane	8.171	113	95505	56.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.200%	
50) Toluene-d8	10.571	98	355099	54.410	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.820%	
62) 4-Bromofluorobenzene	12.853	95	113012	48.515	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.040%	

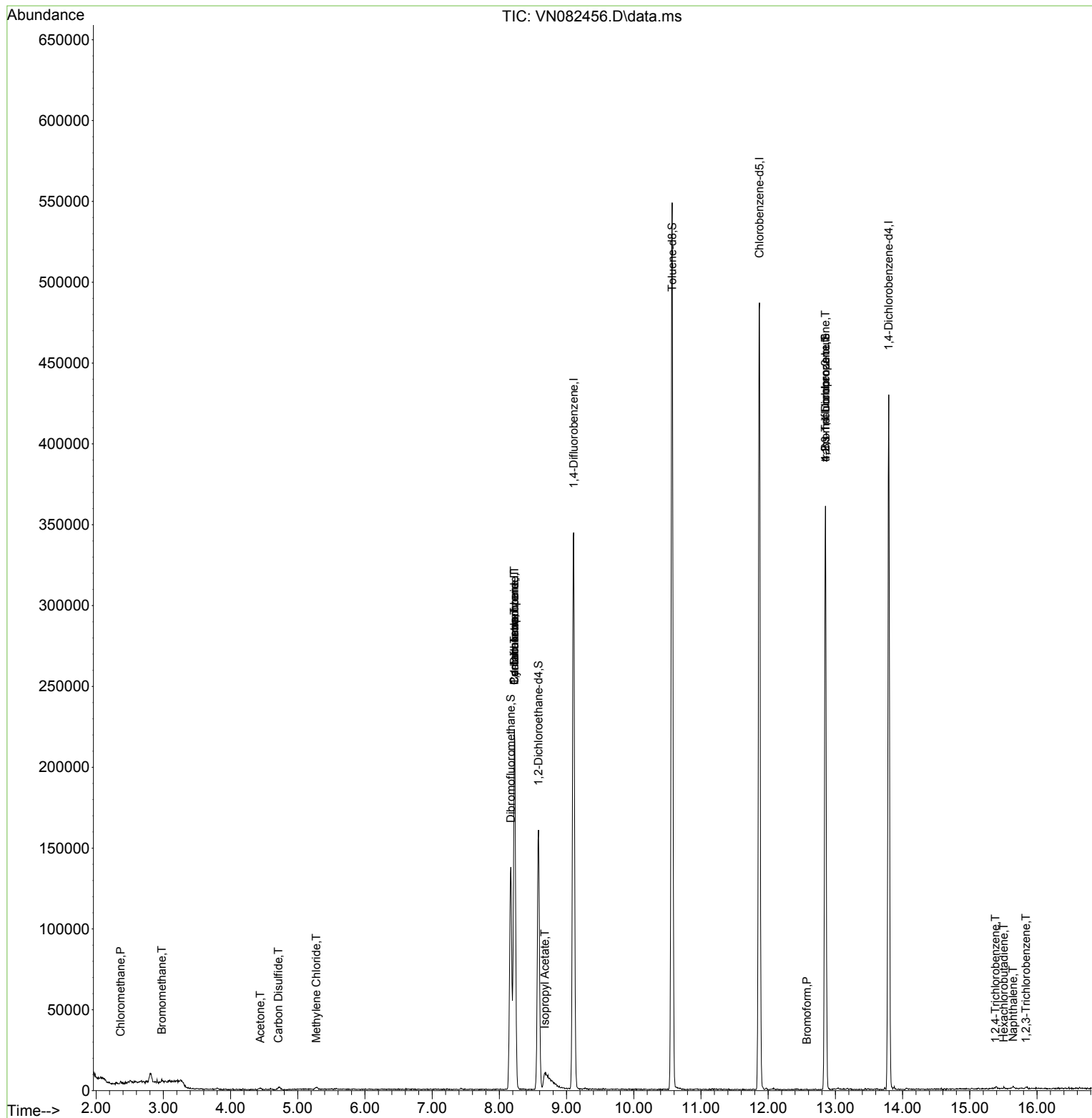
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1369	0.550	ug/l #	86
5) Bromomethane	2.977	94	736	0.547	ug/l	91
16) Acetone	4.442	43	2010	2.036	ug/l #	43
17) Carbon Disulfide	4.712	76	1374	0.256	ug/l #	74
20) Methylene Chloride	5.277	84	617	0.310	ug/l #	79
31) Cyclohexane	8.224	56	4489	1.168	ug/l #	52
36) 1,1-Dichloropropene	8.224	75	14341	5.023	ug/l #	48
38) Carbon Tetrachloride	8.224	117	16318	5.638	ug/l #	18
43) Isopropyl Acetate	8.677	43	6026	1.064	ug/l #	52
71) Bromoform	12.576	173	121	0.780	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	67542	30.695	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67542	71.795	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.382	180	461	0.242	ug/l #	86
94) Hexachlorobutadiene	15.506	225	274	0.328	ug/l #	36
95) Naphthalene	15.647	128	1958	0.328	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	585	0.307	ug/l #	61

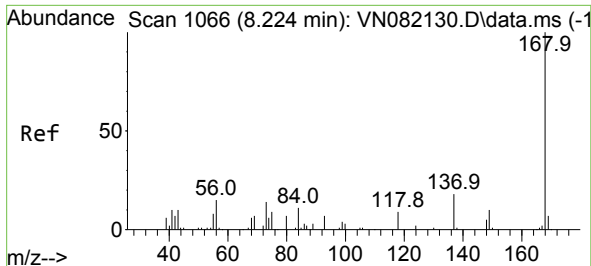
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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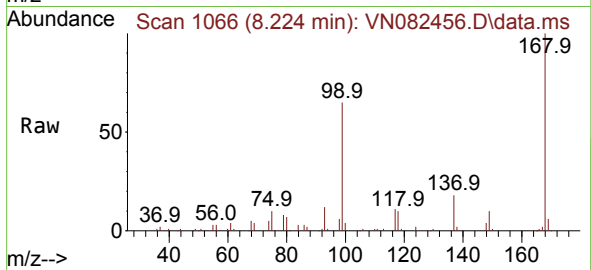
Quant Time: Jun 05 03:20:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



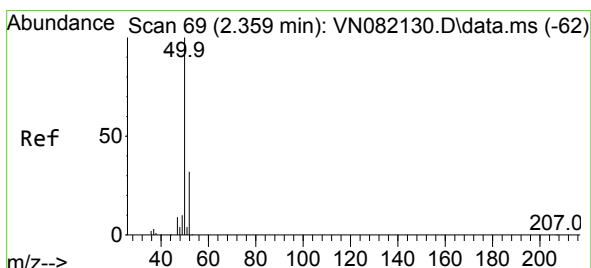
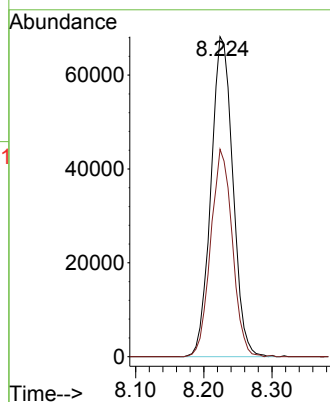
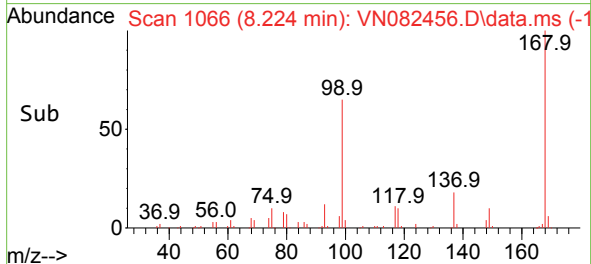


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

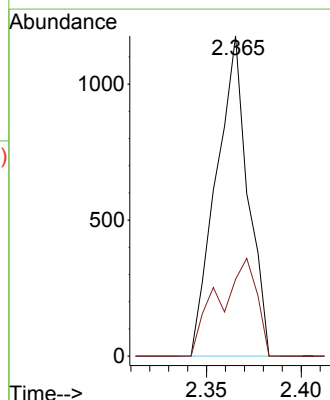
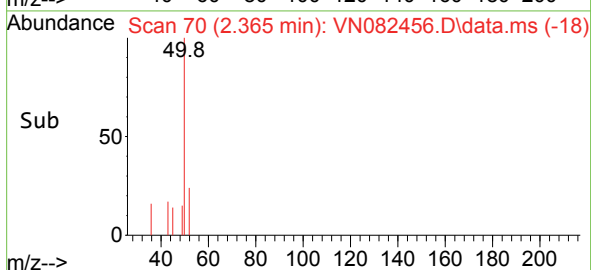
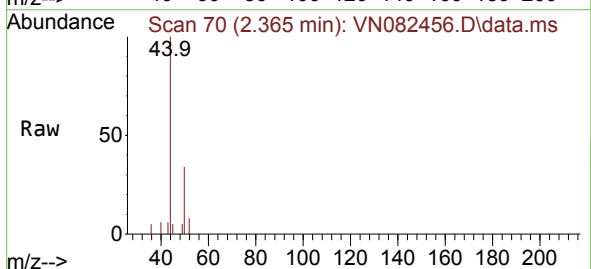


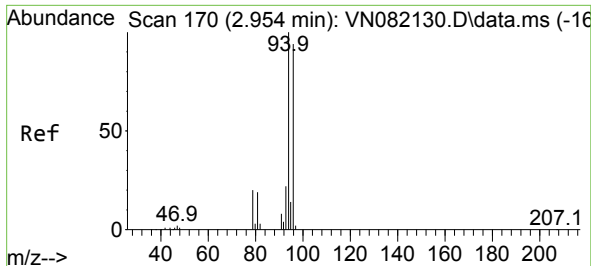
Tgt Ion:168 Resp: 152385
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#3
Chloromethane
Concen: 0.550 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

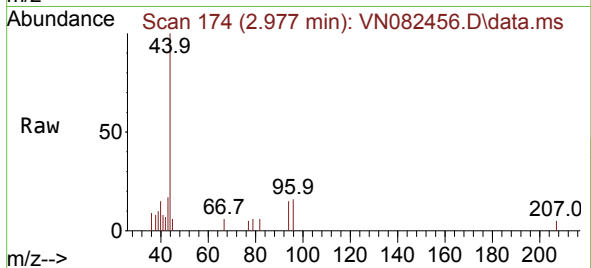
Tgt Ion: 50 Resp: 1369
Ion Ratio Lower Upper
50 100
52 24.0 25.5 38.3#



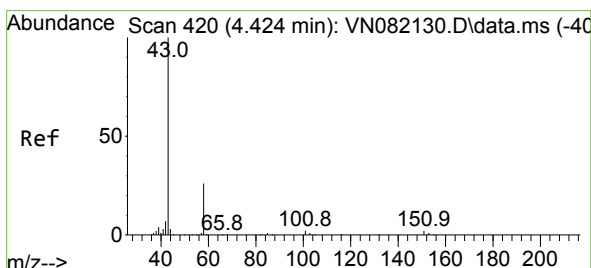
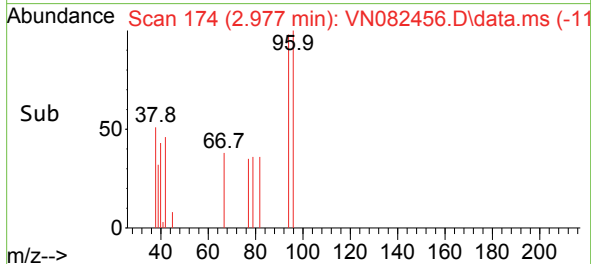
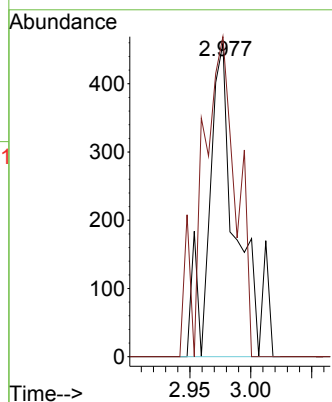


#5
Bromomethane
Concen: 0.547 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

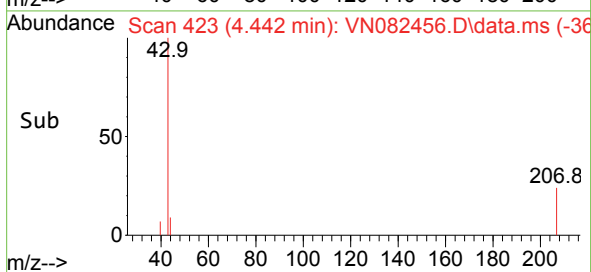
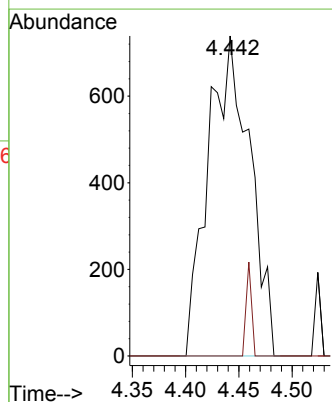
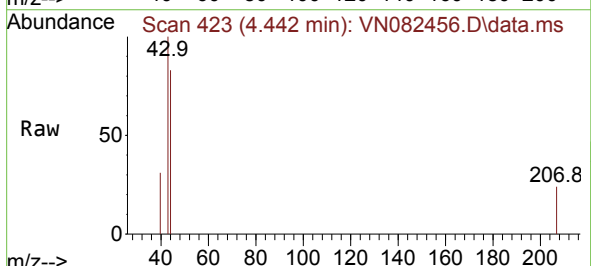


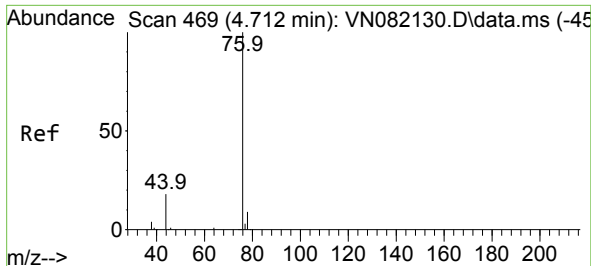
Tgt Ion: 94 Resp: 736
Ion Ratio Lower Upper
94 100
96 102.2 74.8 112.2



#16
Acetone
Concen: 2.036 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

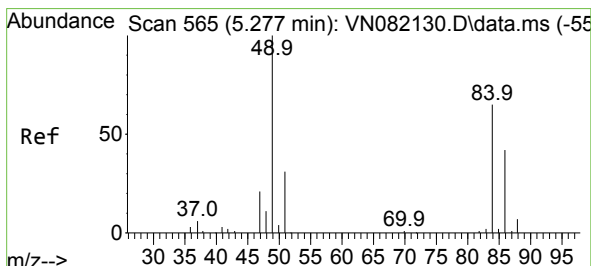
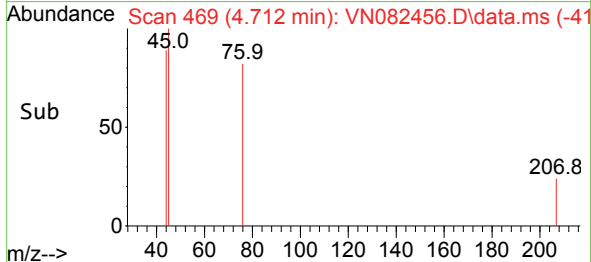
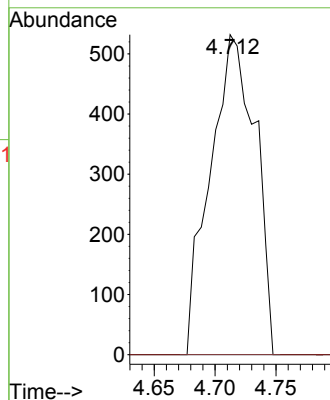
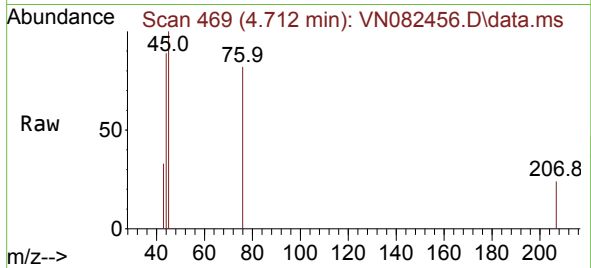




#17
Carbon Disulfide
Concen: 0.256 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

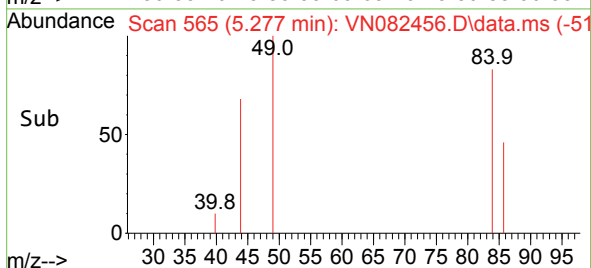
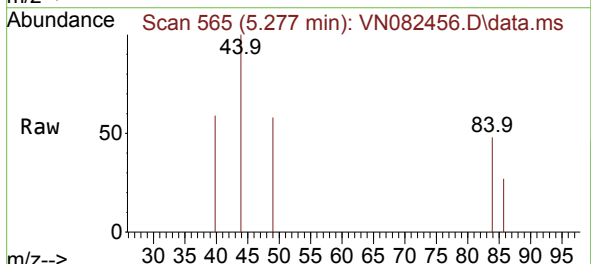
Instrument :
MSVOA_N
ClientSampleId :

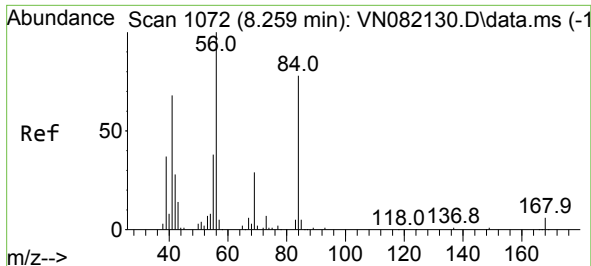
Tgt Ion: 76 Resp: 1374
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

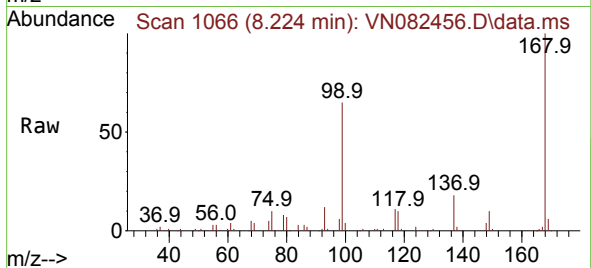
Tgt Ion: 84 Resp: 617
Ion Ratio Lower Upper
84 100
49 120.0 84.9 127.3
51 0.0 27.0 40.6#
86 55.3 52.3 78.5



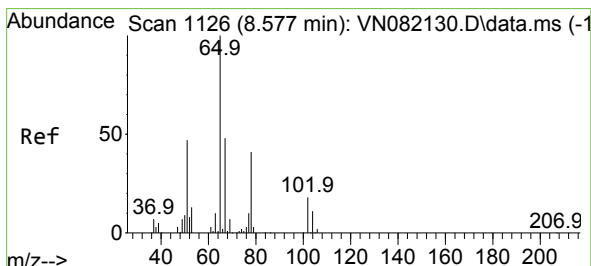
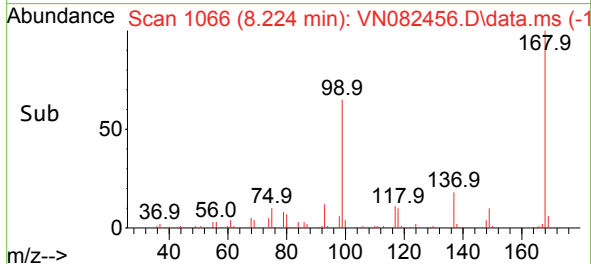
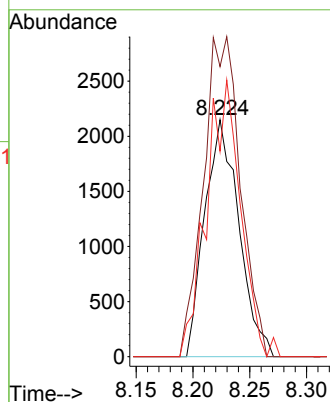


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

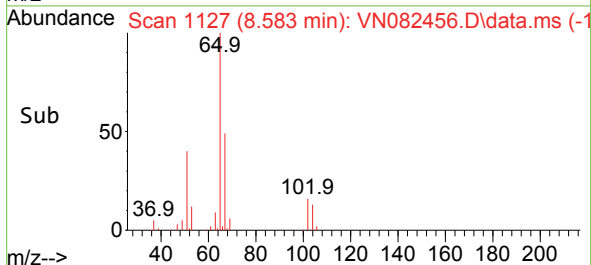
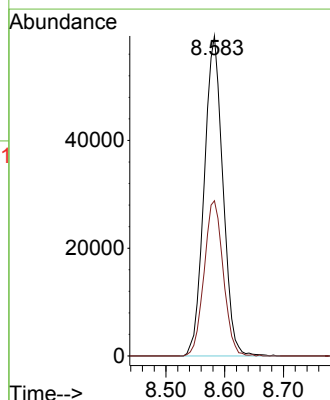
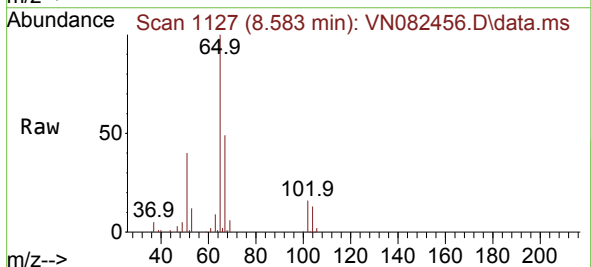


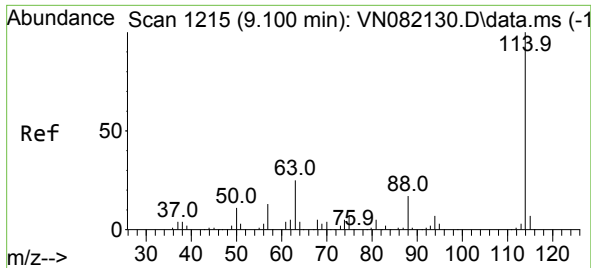
Tgt Ion: 56 Resp: 4489
Ion Ratio Lower Upper
56 100
69 122.4 24.4 36.6#
84 86.7 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 54.427 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion: 65 Resp: 130962
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.0

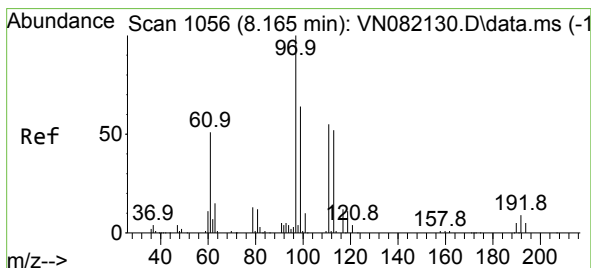
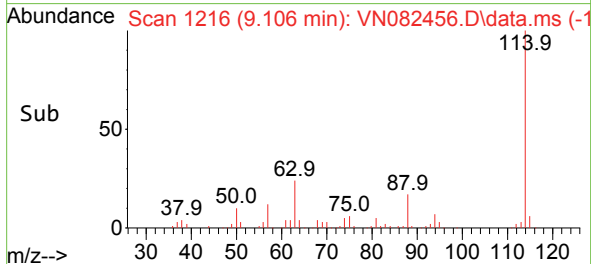
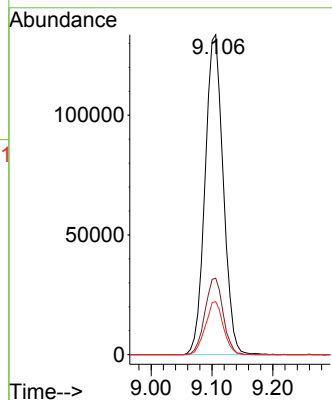
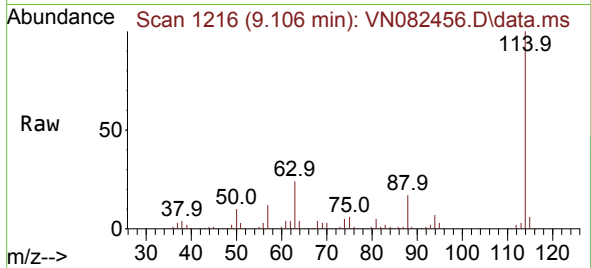




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

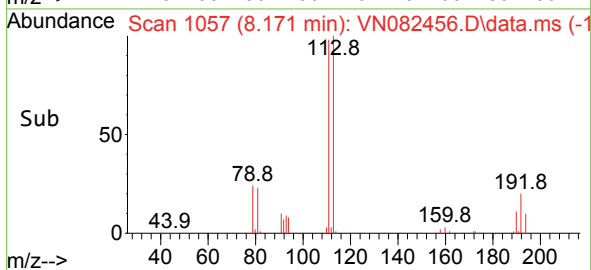
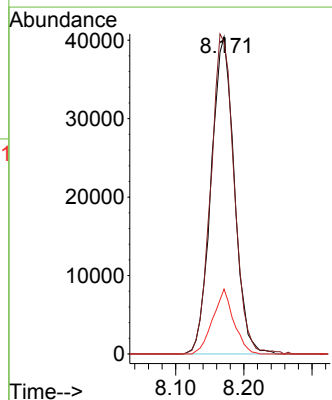
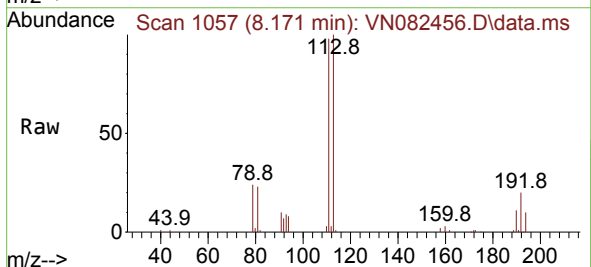
Instrument :
MSVOA_N
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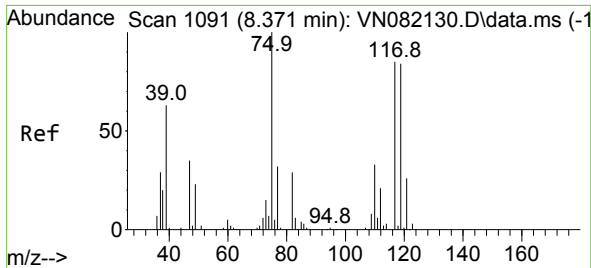
Tgt Ion:114 Resp: 276721
Ion Ratio Lower Upper
114 100
63 23.9 0.0 41.0
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 56.105 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

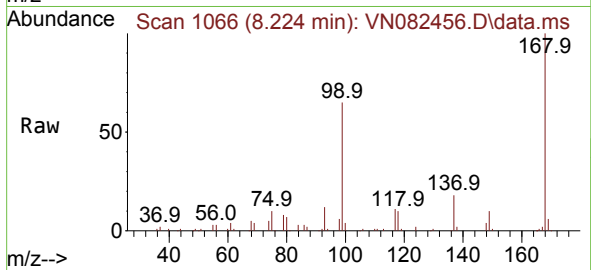
Tgt Ion:113 Resp: 95505
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 18.5 14.0 21.0



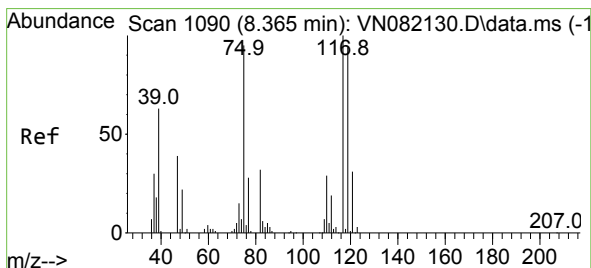
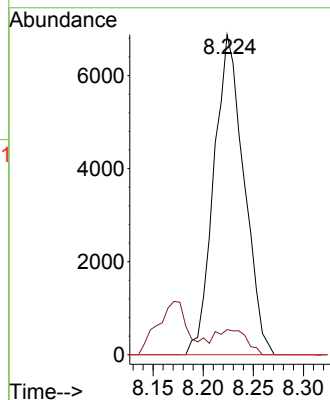
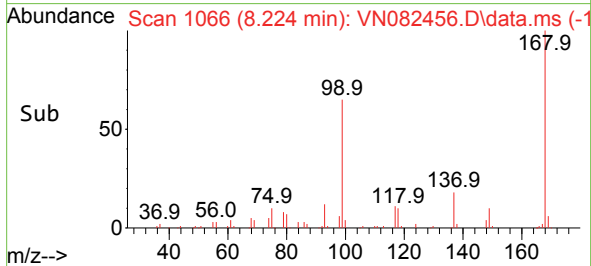


#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

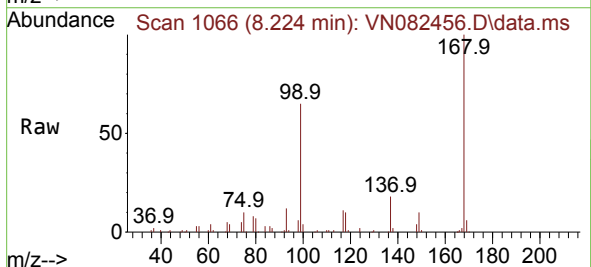
Instrument :
MSVOA_N
ClientSampleId :



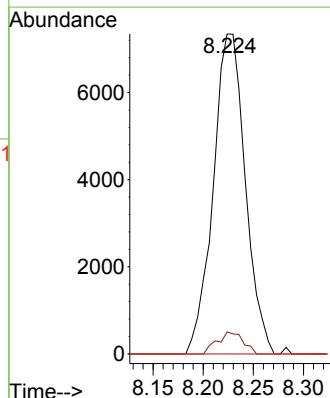
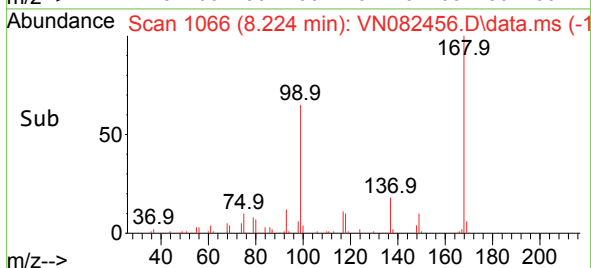
Tgt Ion: 75 Resp: 14341
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 25.0 37.4#

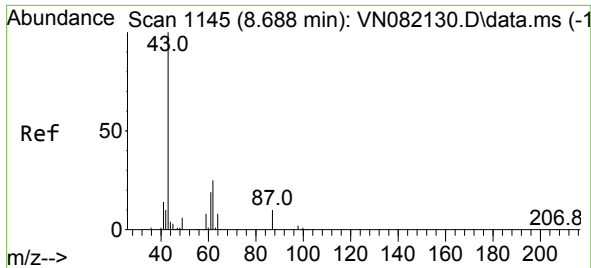


#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26



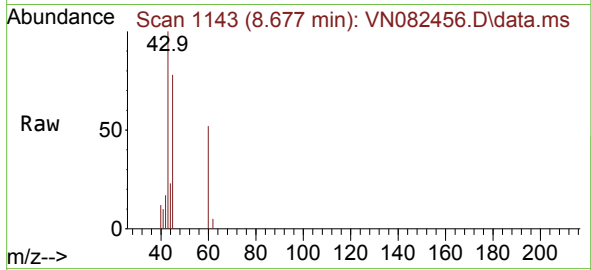
Tgt Ion: 117 Resp: 16318
Ion Ratio Lower Upper
117 100
119 6.9 76.5 114.7#
121 0.0 23.9 35.9#



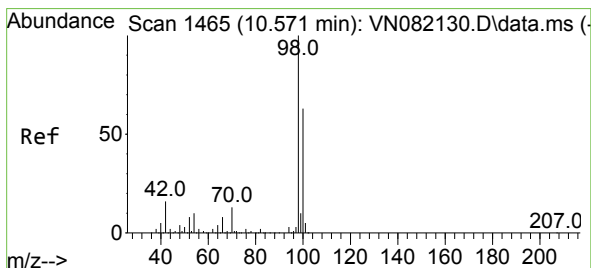
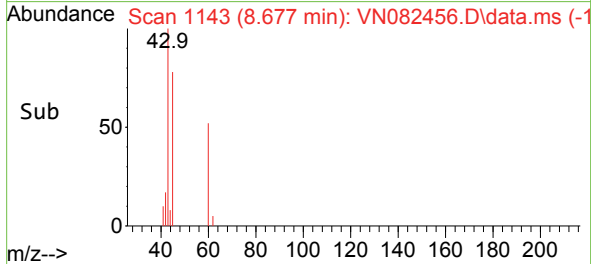
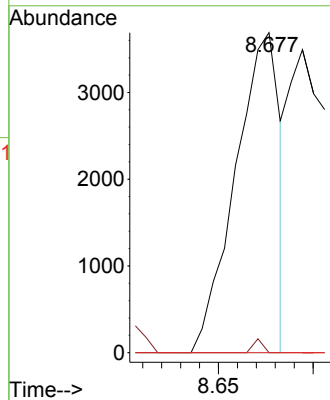


#43
Isopropyl Acetate
Concen: 1.064 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

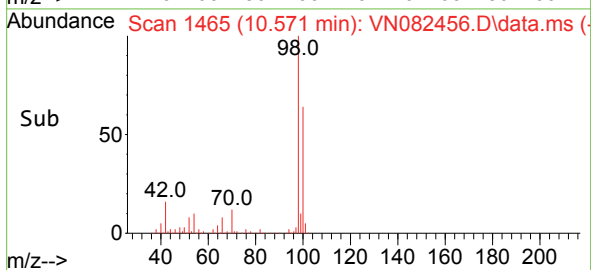
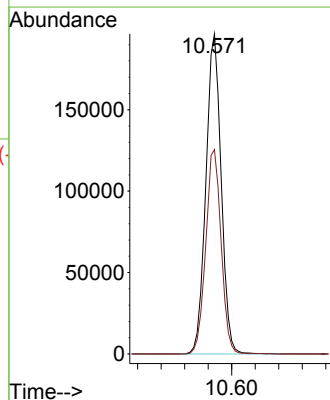
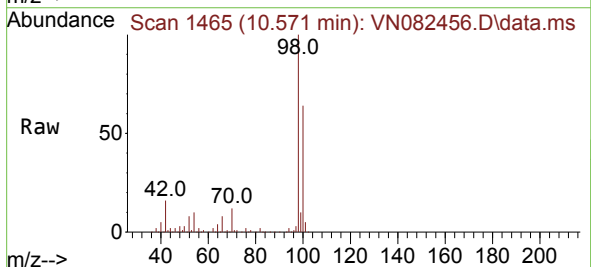


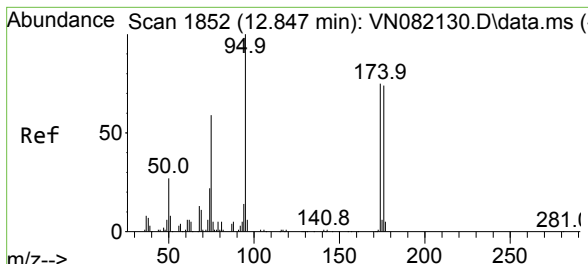
Tgt Ion: 43 Resp: 6026
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.410 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion: 98 Resp: 355099
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

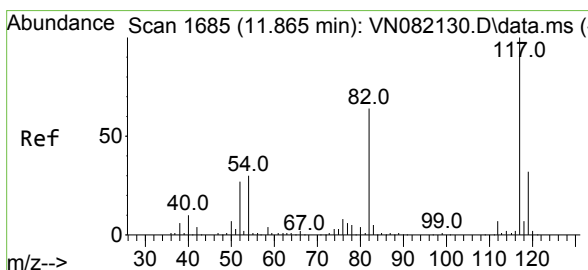
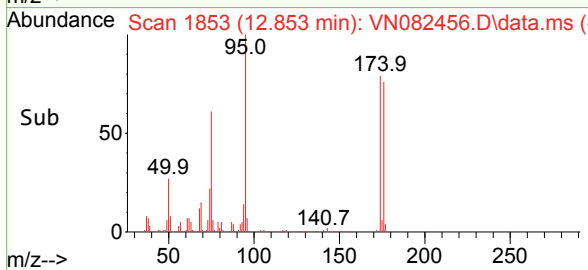
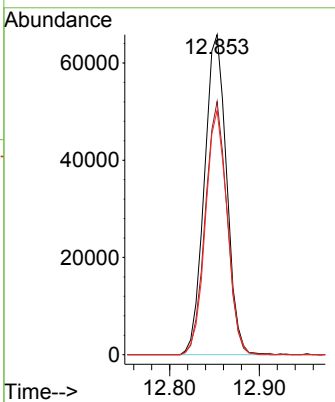
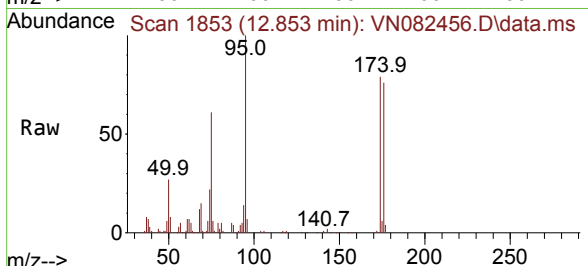




#62
4-Bromofluorobenzene
Concen: 48.515 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

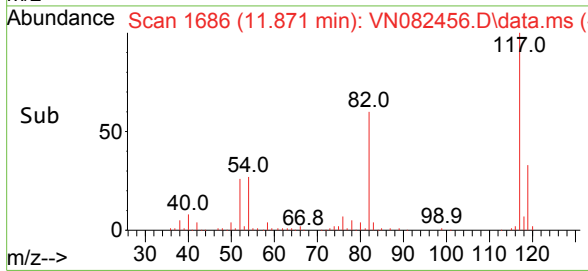
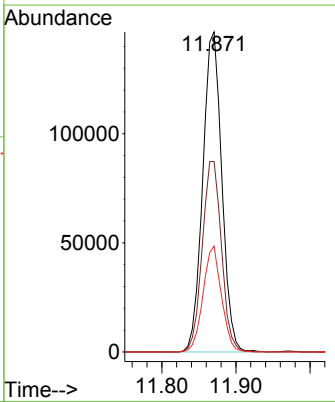
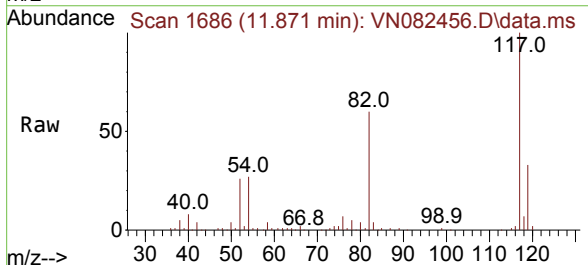
Instrument :
MSVOA_N
ClientSampleId :

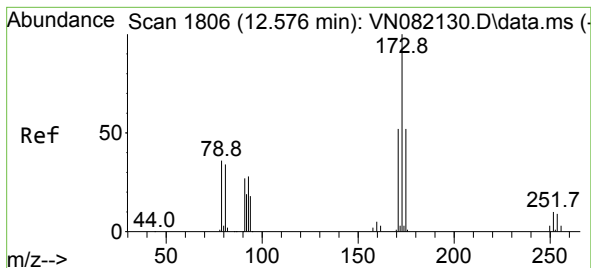
Tgt Ion:	95	Resp:	113012
Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	160.6
176	74.9	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion:	117	Resp:	261879
Ion	Ratio	Lower	Upper
117	100		
82	59.5	44.6	66.8
119	33.1	25.9	38.9





#71

Bromoform

Concen: 0.780 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

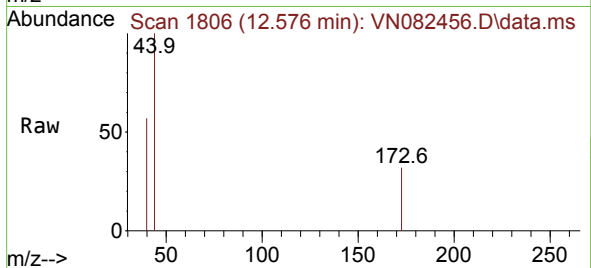
Lab File: VN082456.D

Acq: 04 Jun 2024 13:26

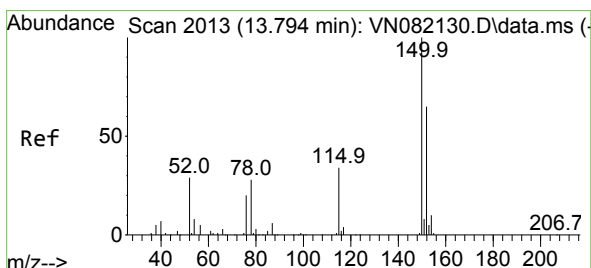
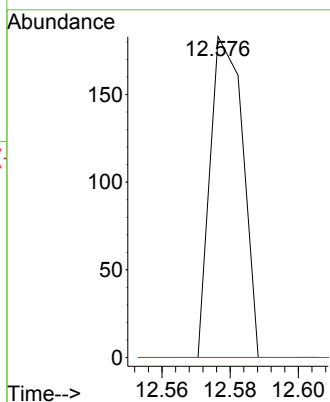
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:173	Resp:	121
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

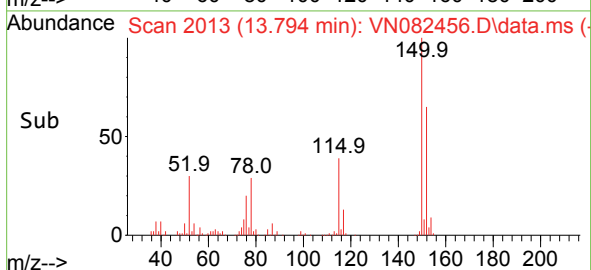
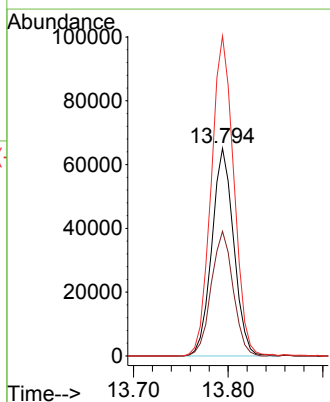
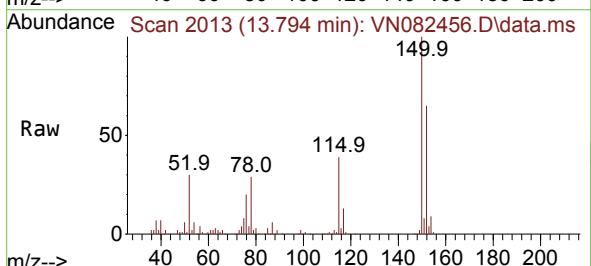
RT: 13.794 min Scan# 2013

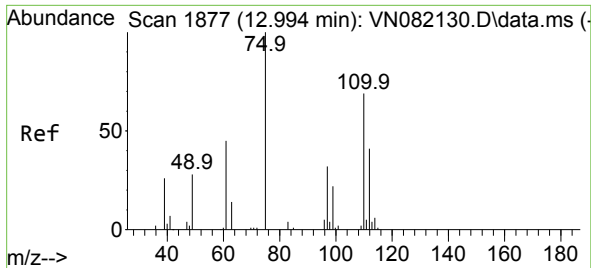
Delta R.T. 0.000 min

Lab File: VN082456.D

Acq: 04 Jun 2024 13:26

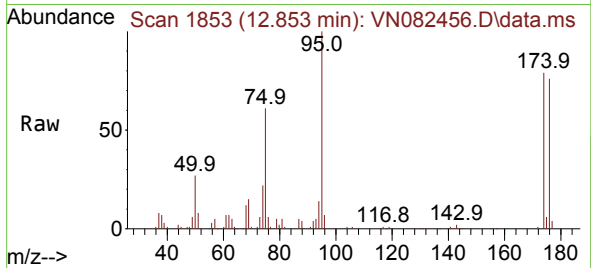
Tgt Ion:152	Resp:	104544
Ion Ratio	Lower	Upper
152	100	
115	60.0	30.4
150	159.2	0.0



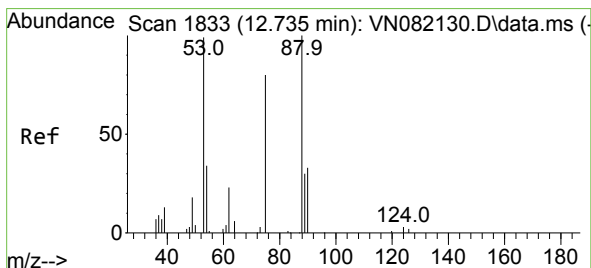
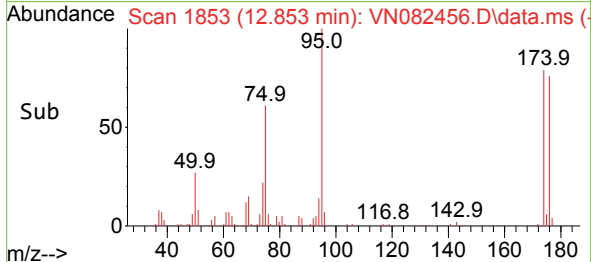
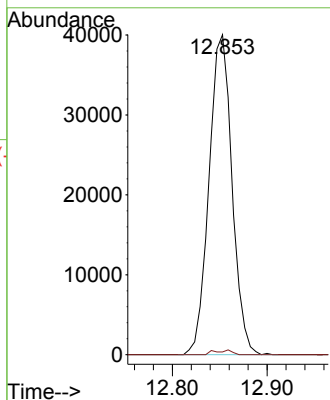


#76
1,2,3-Trichloropropane
Concen: 30.695 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

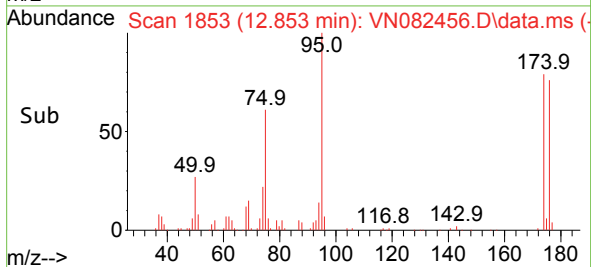
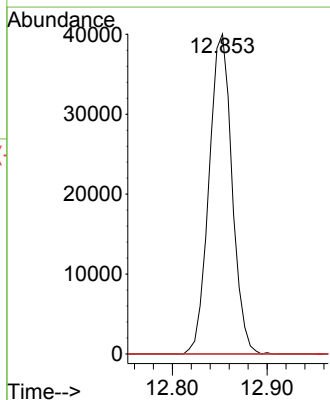
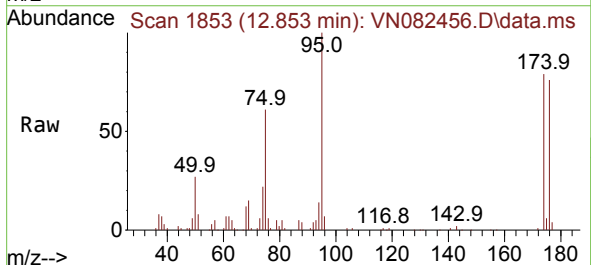


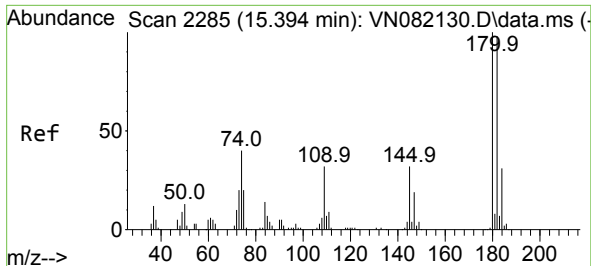
Tgt Ion: 75 Resp: 67542
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.795 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

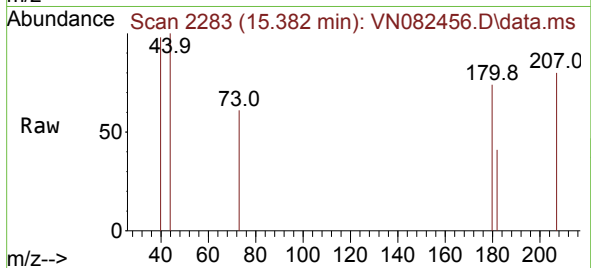
Tgt Ion: 75 Resp: 67542
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



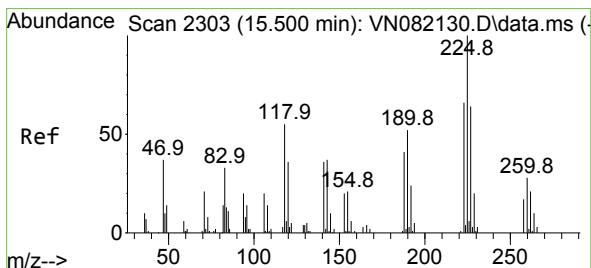
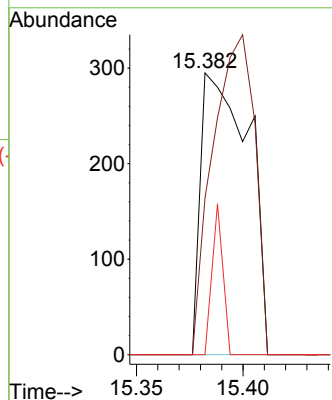
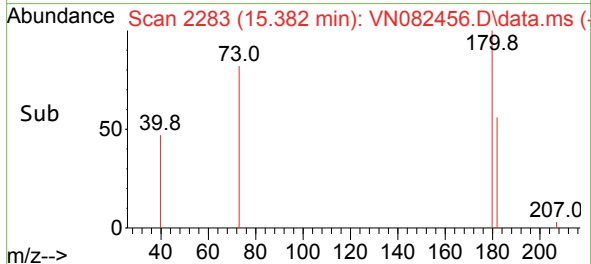


#93
 1,2,4-Trichlorobenzene
 Concen: 0.242 ug/l
 RT: 15.382 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN082456.D
 Acq: 04 Jun 2024 13:26

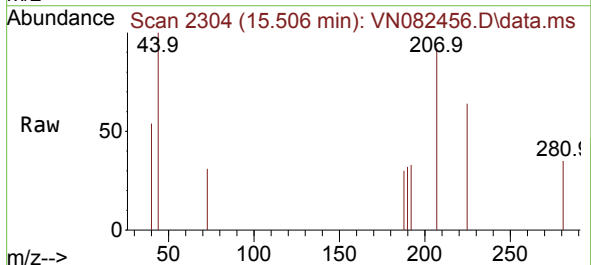
Instrument :
 MSVOA_N
 ClientSampleId :



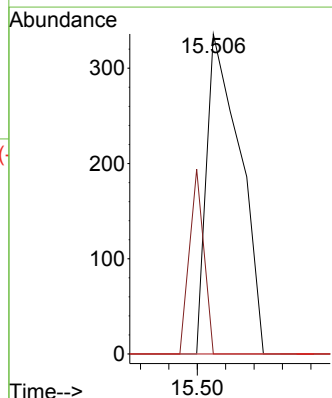
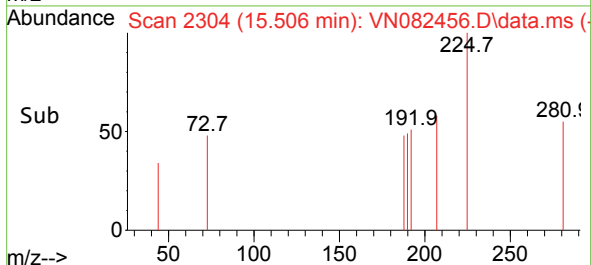
Tgt Ion:180 Resp: 461
 Ion Ratio Lower Upper
 180 100
 182 99.6 46.7 140.0
 145 12.1 16.2 48.6#

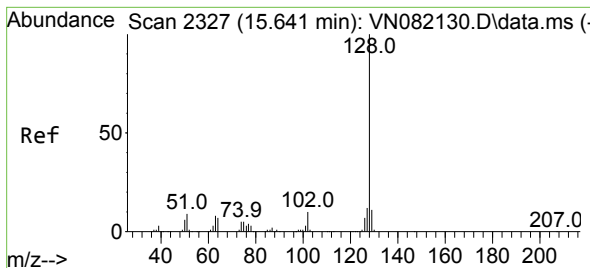


#94
 Hexachlorobutadiene
 Concen: 0.328 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN082456.D
 Acq: 04 Jun 2024 13:26



Tgt Ion:225 Resp: 274
 Ion Ratio Lower Upper
 225 100
 223 24.8 31.1 93.2#
 227 0.0 30.6 91.6#





#95

Naphthalene

Concen: 0.328 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

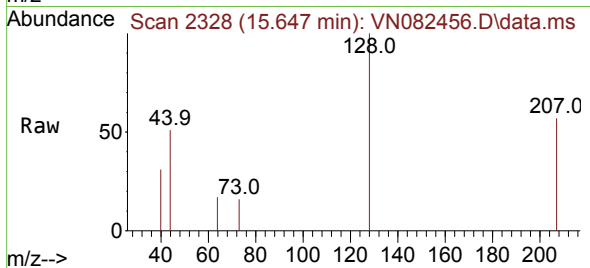
Lab File: VN082456.D

Acq: 04 Jun 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :



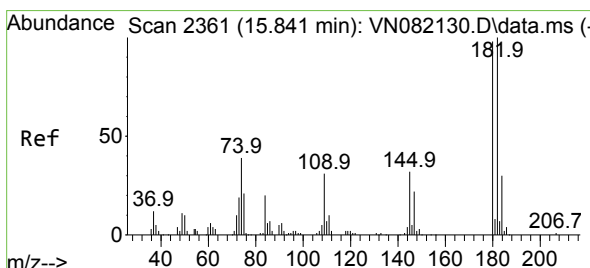
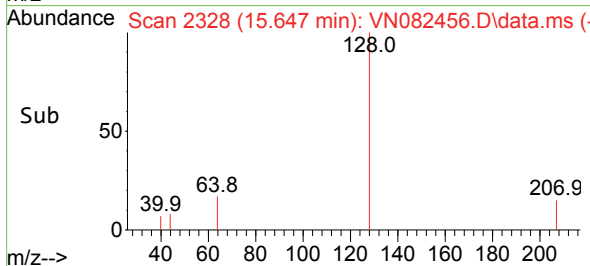
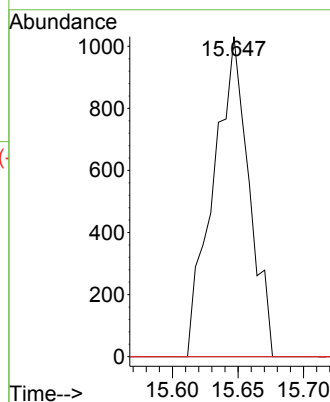
Tgt Ion:128 Resp: 1958

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 0.0 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.307 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN082456.D

Acq: 04 Jun 2024 13:26

Tgt Ion:180 Resp: 585

Ion Ratio Lower Upper

180 100

182 62.6 46.0 137.8

145 0.0 17.1 51.3#

