

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082671.D
 Acq On : 20 Jun 2024 16:25
 Operator : JC\MD
 Sample : P2993-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:08:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

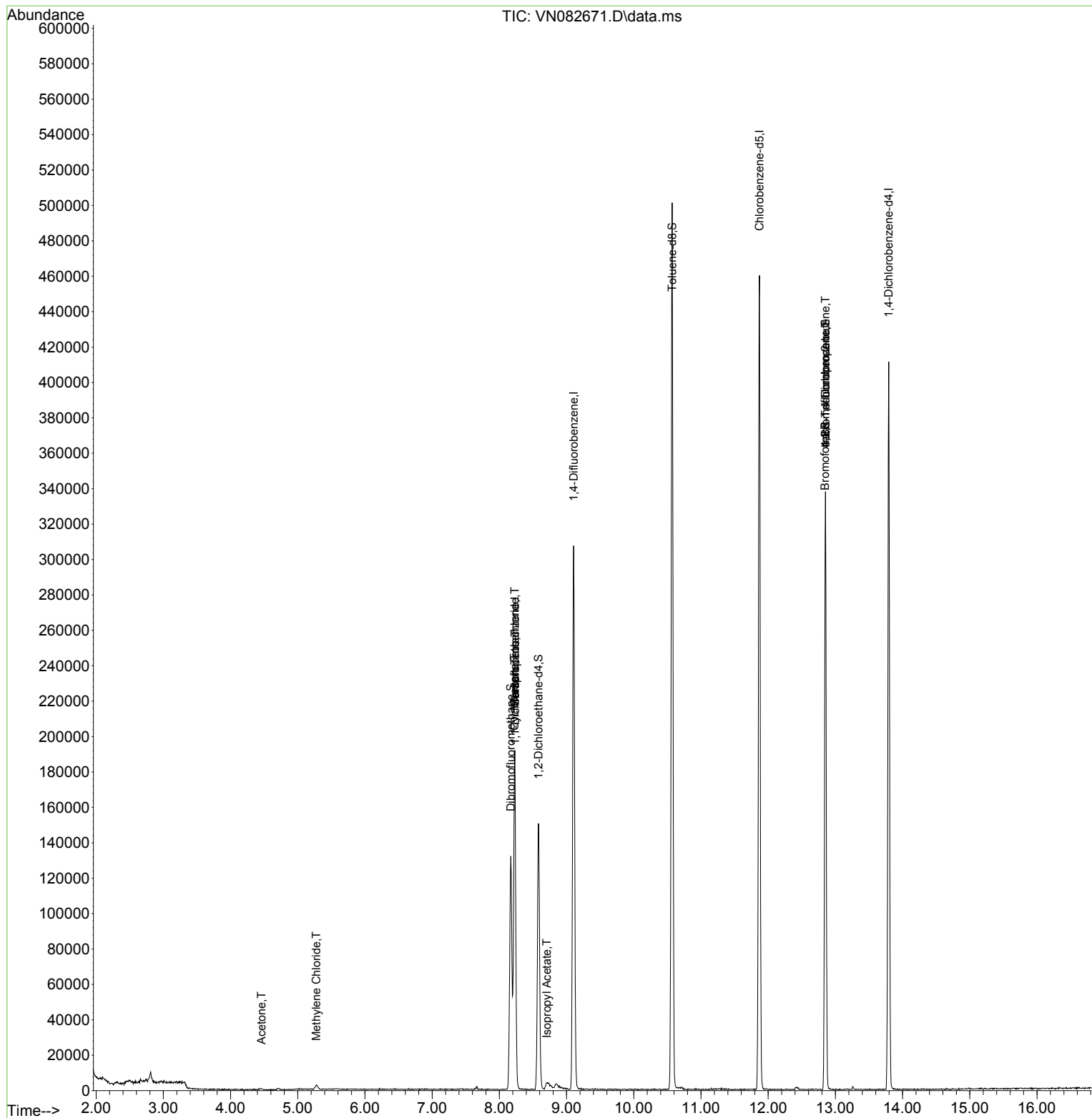
Internal Standards						
1) Pentafluorobenzene	8.229	168	130921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	246128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120433	57.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.720%	
35) Dibromofluoromethane	8.171	113	92145	55.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.760%	
50) Toluene-d8	10.570	98	319491	51.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.853	95	106306	49.445	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	1124	1.177	ug/l #	48
20) Methylene Chloride	5.277	84	1596	0.951	ug/l #	76
31) Cyclohexane	8.224	56	3631	1.198	ug/l #	33
36) 1,1-Dichloropropene	8.235	75	12446	5.049	ug/l #	49
38) Carbon Tetrachloride	8.229	117	14085	5.070	ug/l #	18
43) Isopropyl Acetate	8.706	43	4542	0.774	ug/l #	60
71) Bromoform	12.847	173	359	0.226	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	61381	24.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	61381	58.713	ug/l #	6

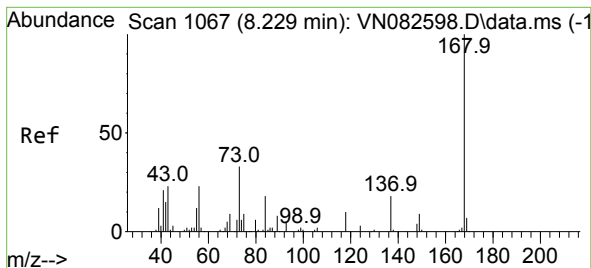
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082671.D

Acq: 20 Jun 2024 16:25

Instrument :

MSVOA_N

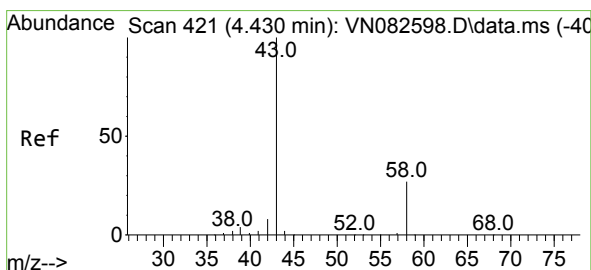
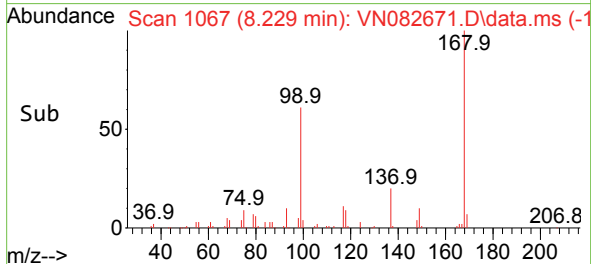
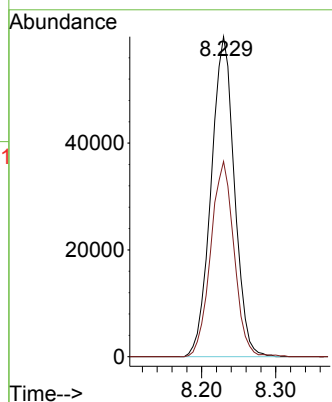
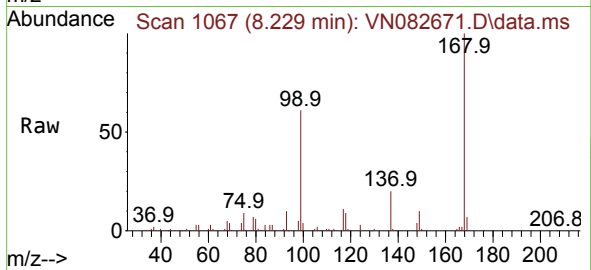
ClientSampleId :

Tgt Ion:168 Resp: 130921

Ion Ratio Lower Upper

168 100

99 61.0 48.2 72.4



#16

Acetone

Concen: 1.177 ug/l

RT: 4.459 min Scan# 426

Delta R.T. 0.029 min

Lab File: VN082671.D

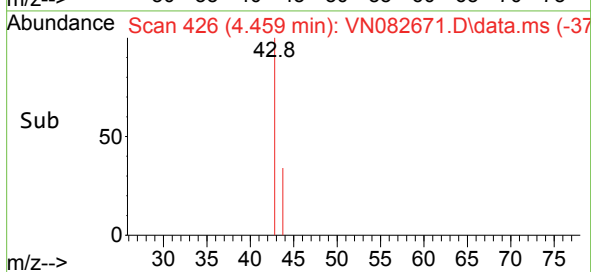
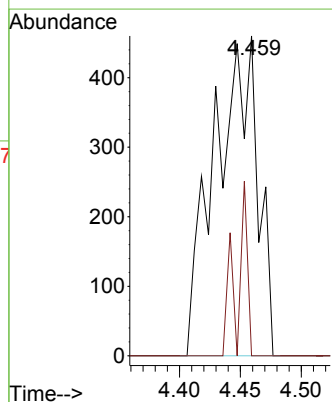
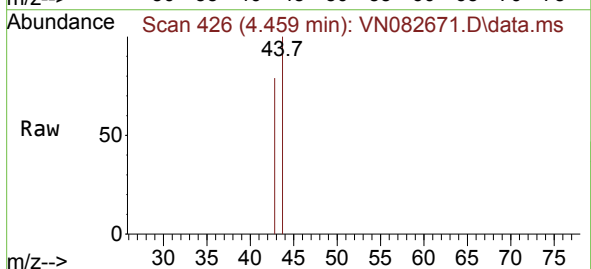
Acq: 20 Jun 2024 16:25

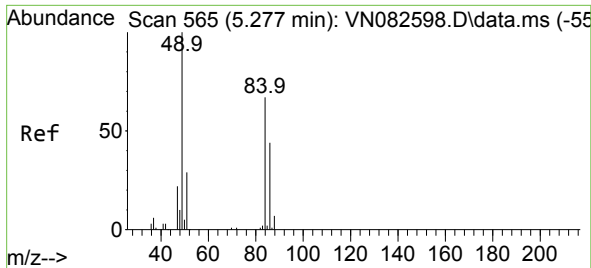
Tgt Ion: 43 Resp: 1124

Ion Ratio Lower Upper

43 100

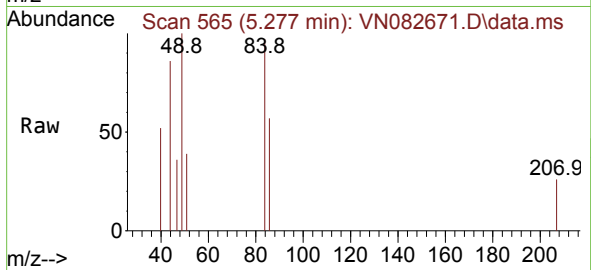
58 0.0 21.8 32.6#



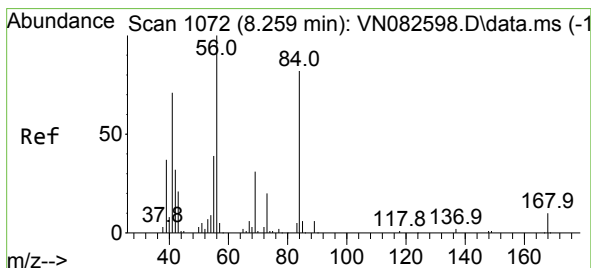
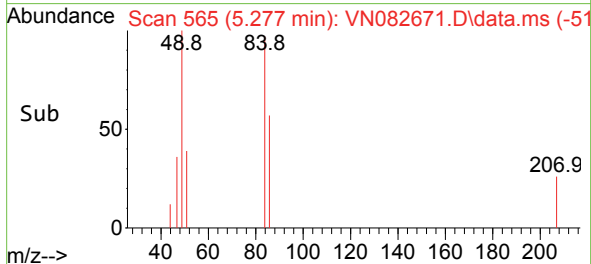
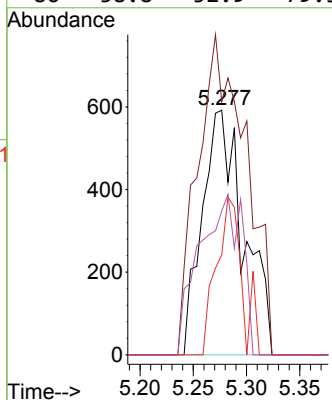


#20
Methylene Chloride
Concen: 0.951 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :

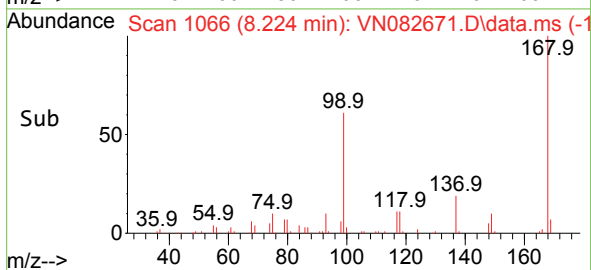
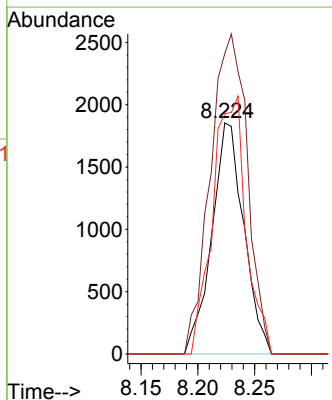
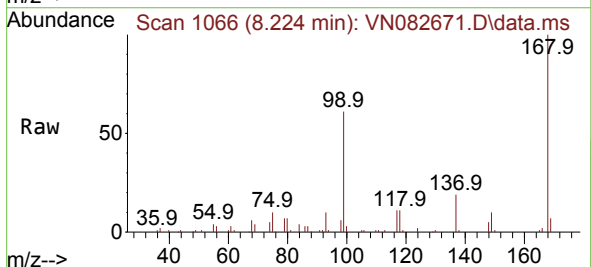


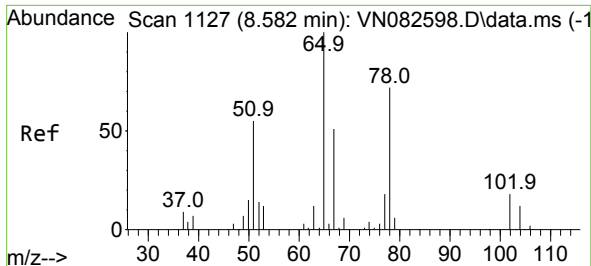
Tgt Ion:	84	Resp:	1596
Ion	Ratio	Lower	Upper
84	100		
49	103.5	119.6	179.4#
51	40.9	34.8	52.2
86	58.8	52.9	79.3



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion:	56	Resp:	3631
Ion	Ratio	Lower	Upper
56	100		
69	130.0	24.5	36.7#
84	104.0	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.363 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082671.D

Acq: 20 Jun 2024 16:25

Instrument :

MSVOA_N

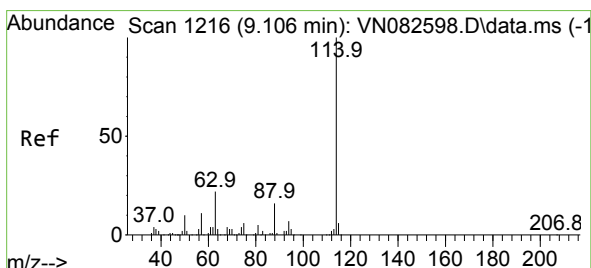
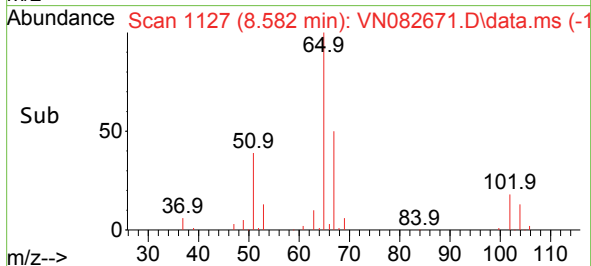
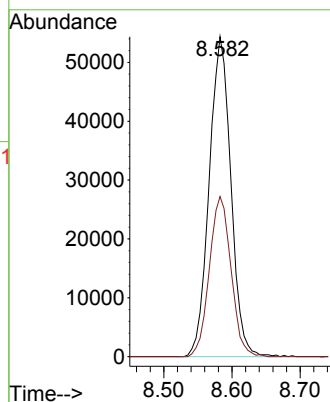
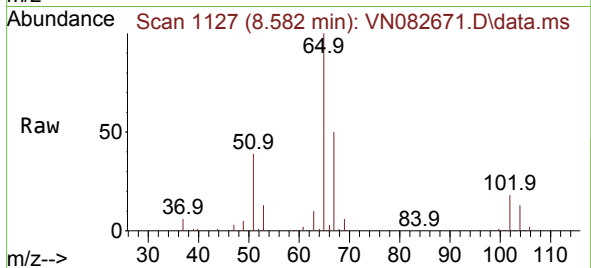
ClientSampleId :

Tgt Ion: 65 Resp: 120433

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082671.D

Acq: 20 Jun 2024 16:25

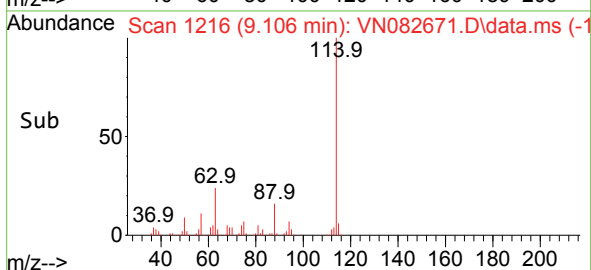
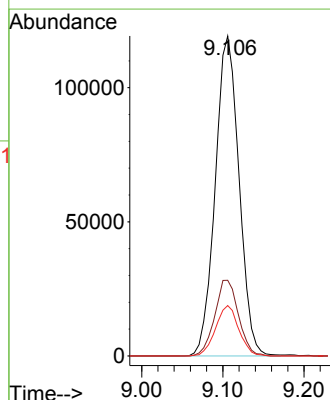
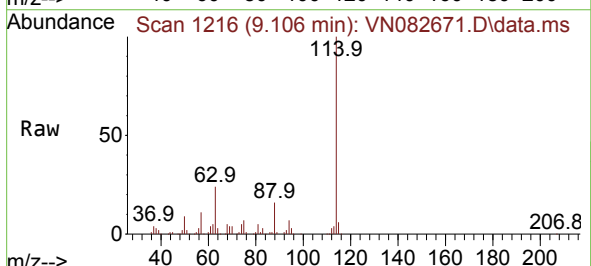
Tgt Ion: 114 Resp: 243084

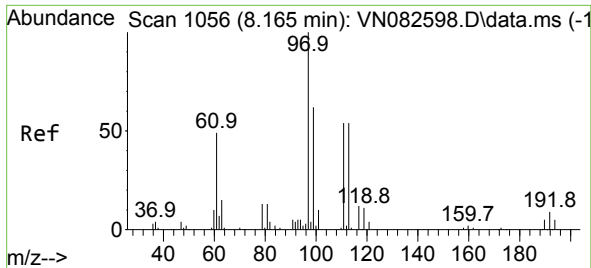
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

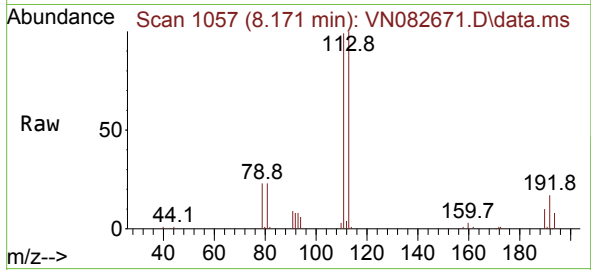
88 15.7 0.0 31.4



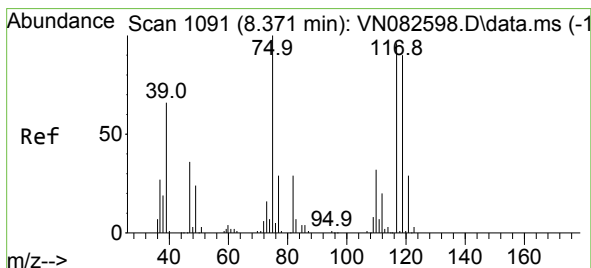
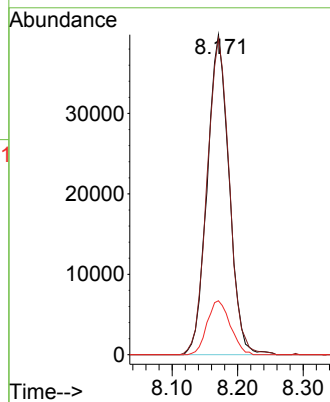
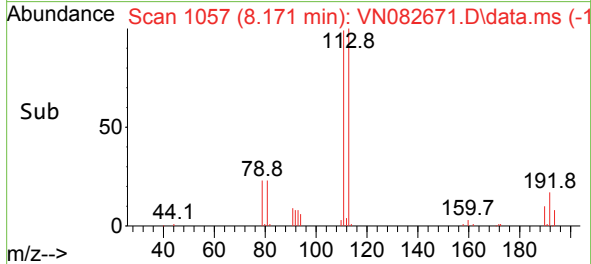


#35
Dibromofluoromethane
Concen: 55.877 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :

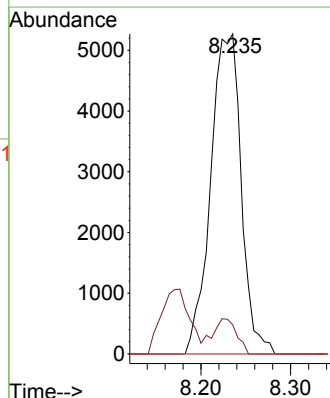
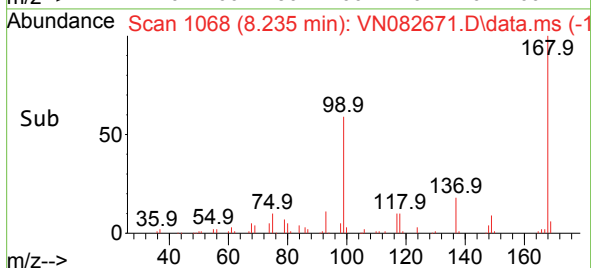
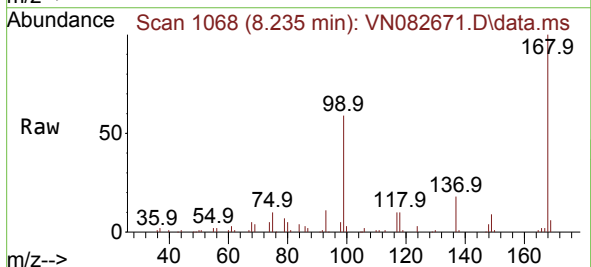


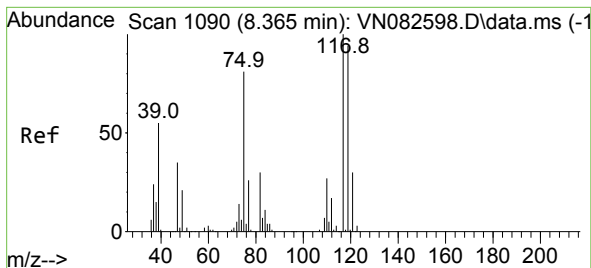
Tgt Ion:113 Resp: 92145
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 17.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.049 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion: 75 Resp: 12446
Ion Ratio Lower Upper
75 100
110 7.2 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.070 ug/l

RT: 8.229 min Scan# 1107

Delta R.T. -0.135 min

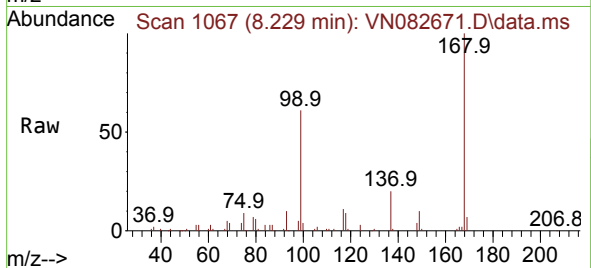
Lab File: VN082671.D

Acq: 20 Jun 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :



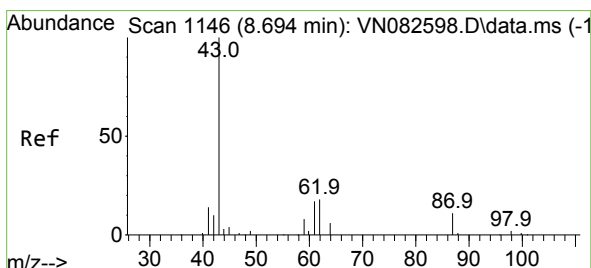
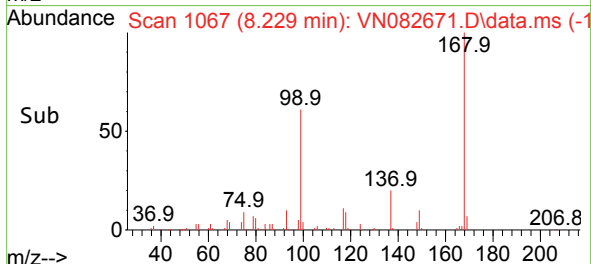
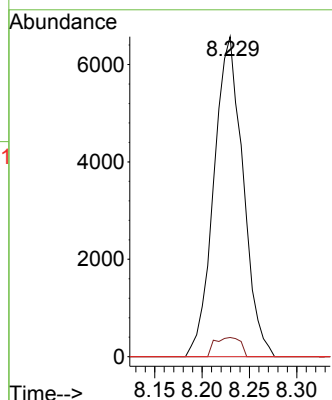
Tgt Ion:117 Resp: 14085

Ion Ratio Lower Upper

117 100

119 6.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 0.774 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN082671.D

Acq: 20 Jun 2024 16:25

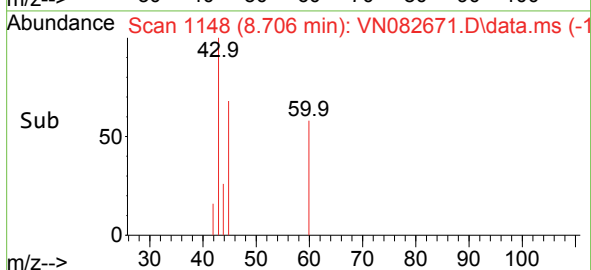
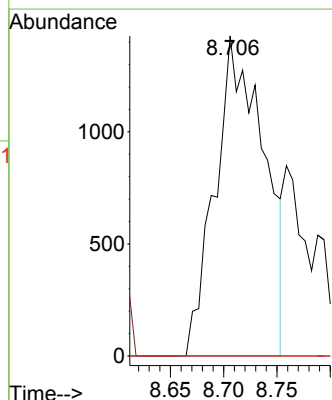
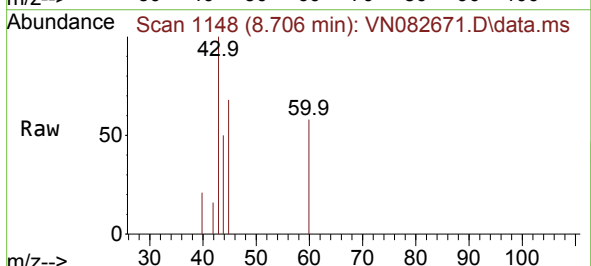
Tgt Ion: 43 Resp: 4542

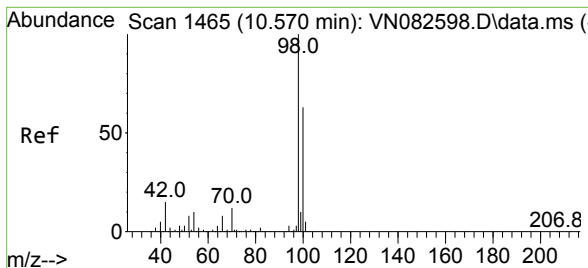
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

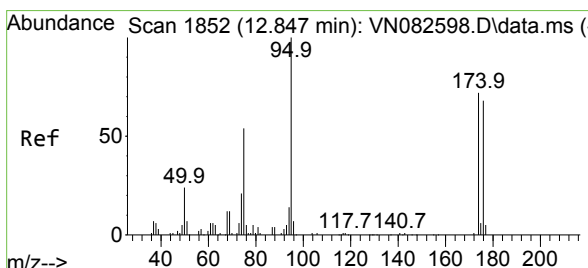
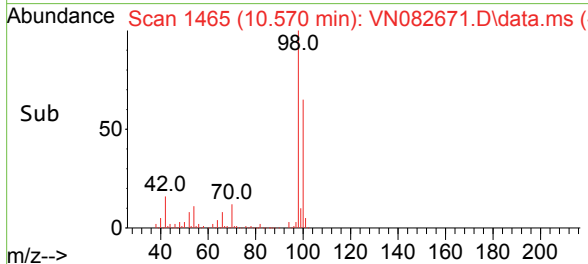
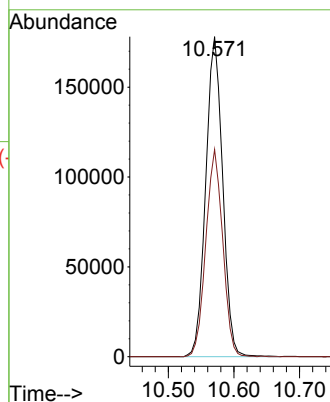
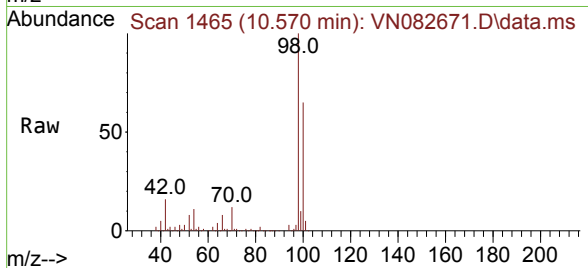




#50
Toluene-d8
Concen: 51.232 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

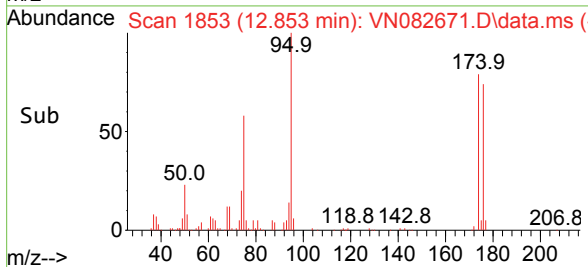
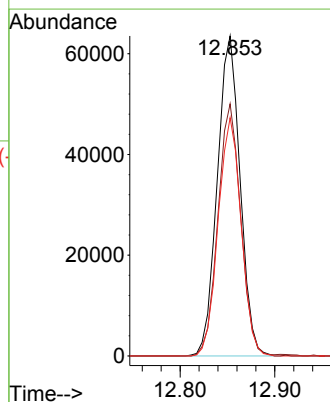
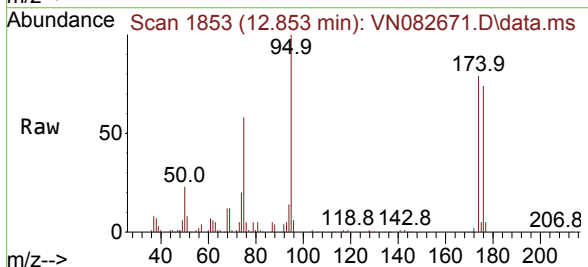
Instrument :
MSVOA_N
ClientSampleId :

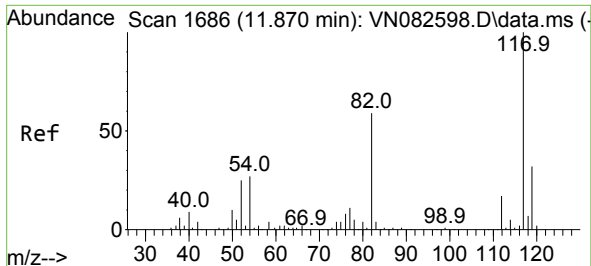
Tgt Ion: 98 Resp: 319491
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.445 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion: 95 Resp: 106306
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 74.9 0.0 147.6

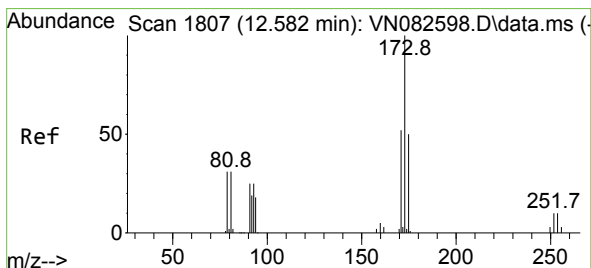
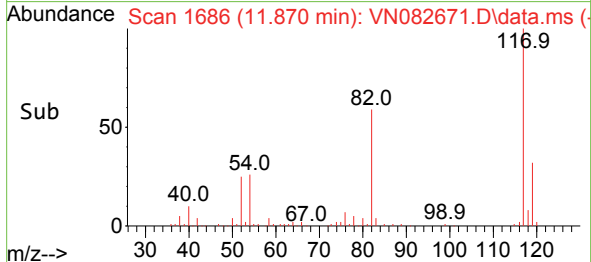
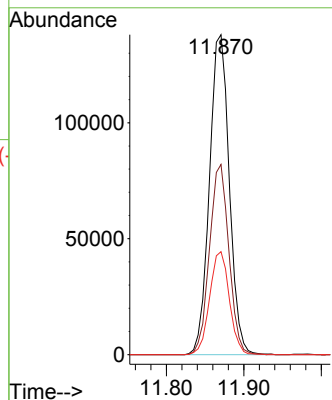
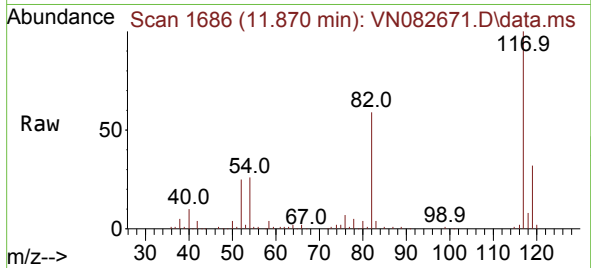




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

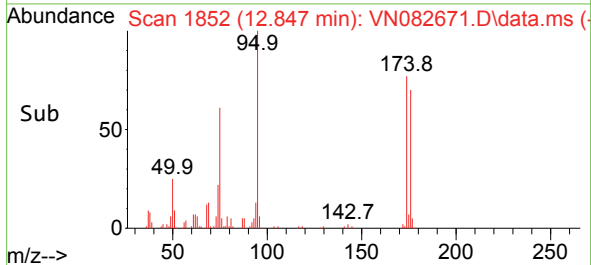
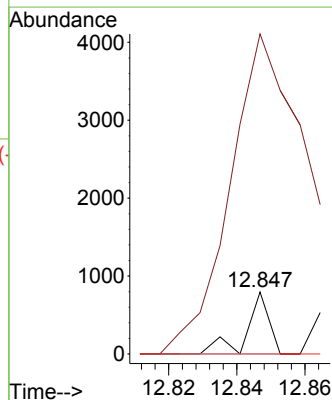
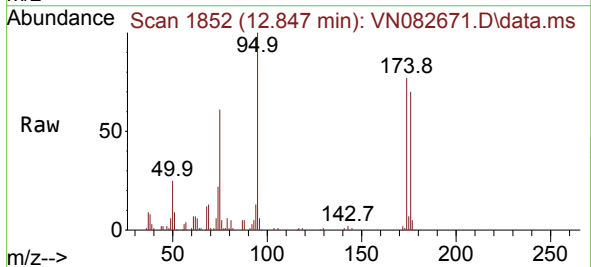
Instrument :
MSVOA_N
ClientSampleId :

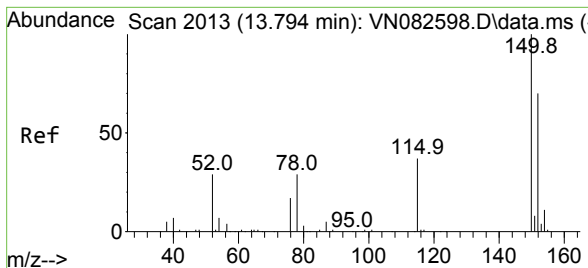
Tgt Ion:117 Resp: 246128
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.2 25.6 38.4



#71
Bromoform
Concen: 0.226 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

Tgt Ion:173 Resp: 359
Ion Ratio Lower Upper
173 100
175 1530.9 24.0 72.0#
254 0.0 0.0 0.0

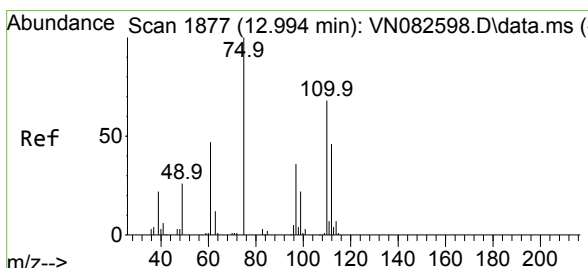
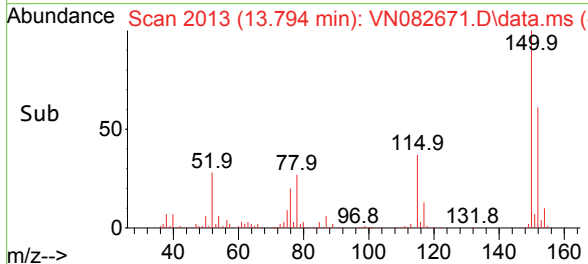
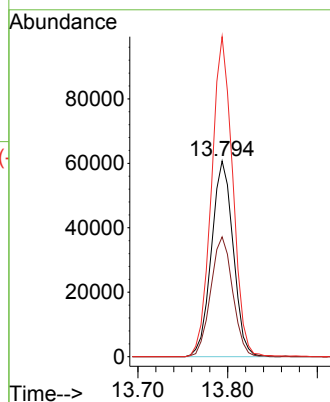
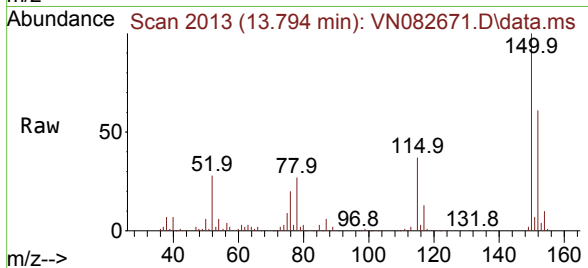




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

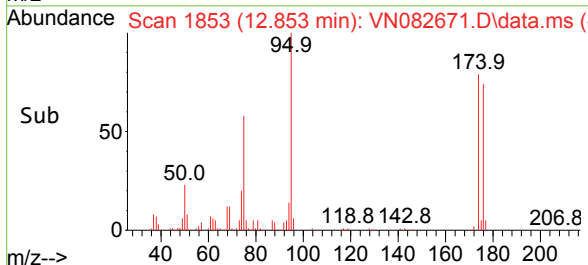
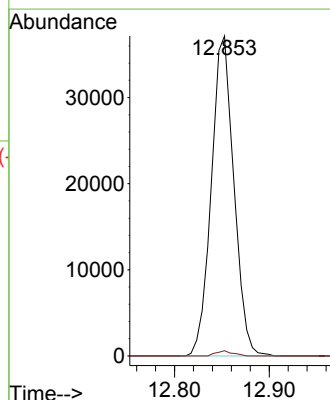
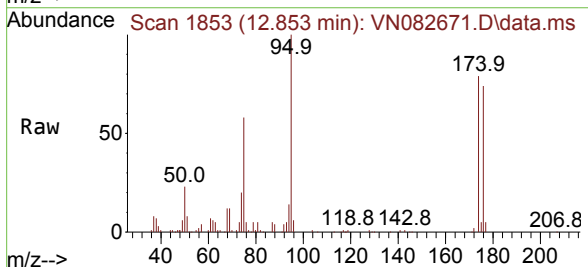
Instrument :
MSVOA_N
ClientSampleId :

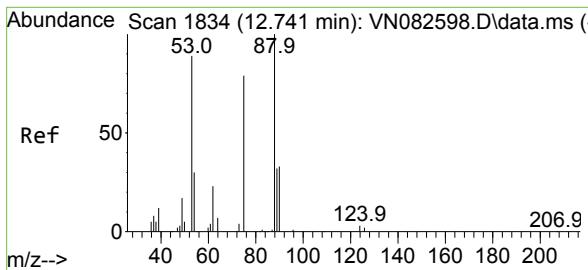
Tgt Ion:152 Resp: 102261
Ion Ratio Lower Upper
152 100
115 61.8 30.6 91.6
150 159.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 24.541 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082671.D
Acq: 20 Jun 2024 16:25

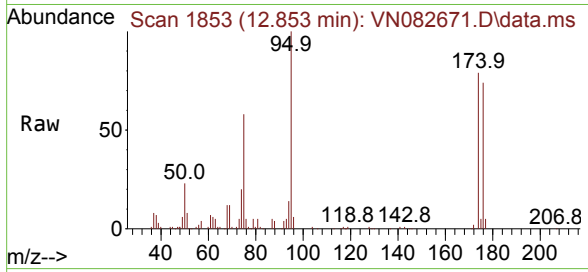
Tgt Ion: 75 Resp: 61381
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.713 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082671.D
 Acq: 20 Jun 2024 16:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 61381
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.4 132.6#
 89 0.0 36.3 54.5#

