

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085836.D
 Acq On : 24 Feb 2025 14:49
 Operator : JC\MD
 Sample : Q1405-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 24 15:15:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

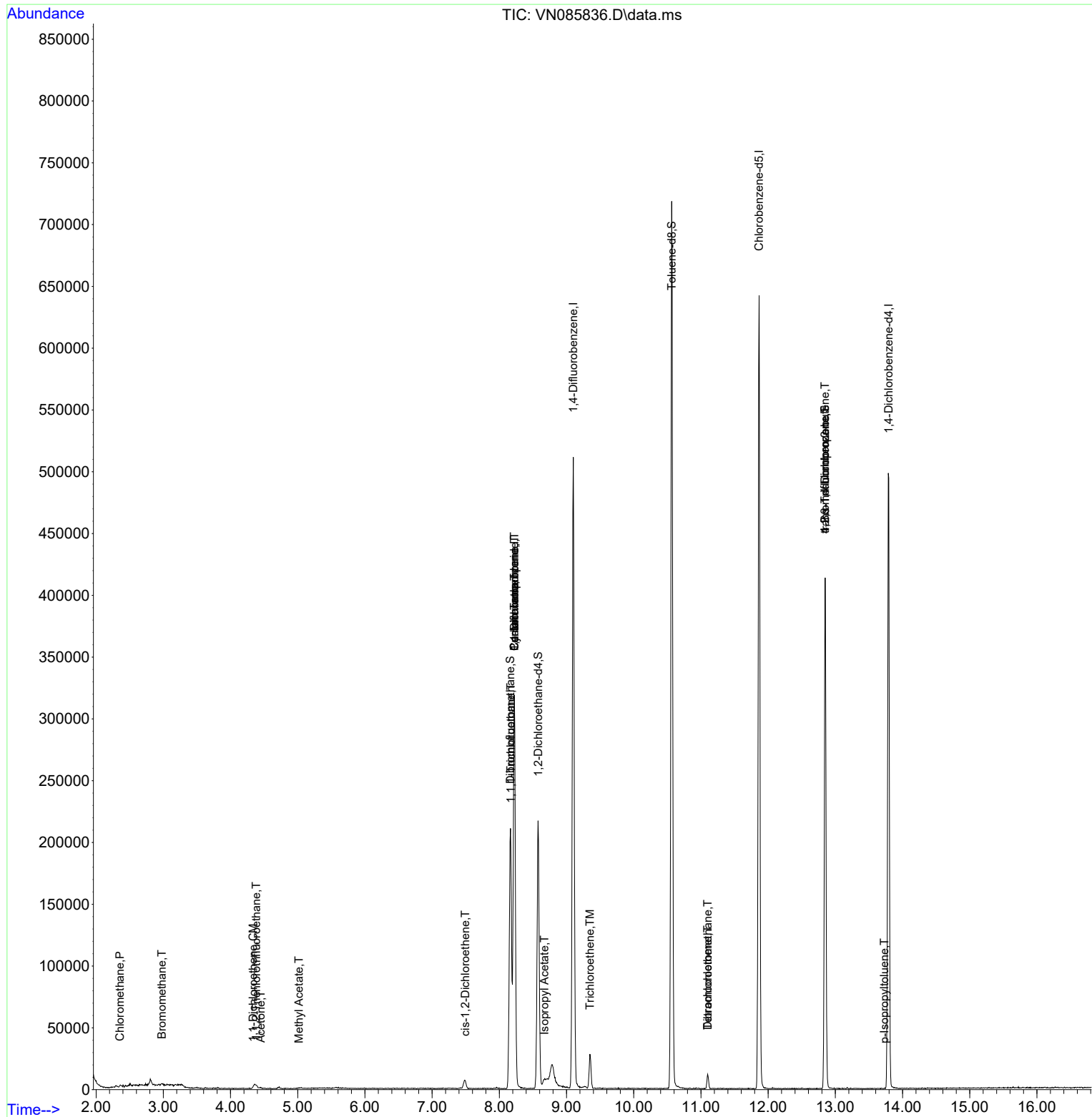
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	225697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174318	59.57	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.14%
35) Dibromofluoromethane	8.165	113	152713	52.88	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.76%
50) Toluene-d8	10.565	98	506797	48.23	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.46%
62) 4-Bromofluorobenzene	12.847	95	147677	42.66	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.32%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	1183	0.38	ug/l	98
5) Bromomethane	2.977	94	627	0.30	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	1624	0.59	ug/l #	28
12) 1,1-Dichloroethene	4.336	96	694	0.28	ug/l #	53
16) Acetone	4.448	43	1266	1.37	ug/l #	78
18) Methyl Acetate	5.018	43	1113	0.35	ug/l #	47
27) cis-1,2-Dichloroethene	7.494	96	4885	1.58	ug/l	87
31) Cyclohexane	8.224	56	5085	1.22	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	1752	0.38	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	18578	4.55	ug/l #	49
38) Carbon Tetrachloride	8.224	117	24114	4.97	ug/l #	19
43) Isopropyl Acetate	8.671	43	6613	0.58	ug/l #	53
44) Trichloroethene	9.347	130	10442	3.25	ug/l	91
60) Dibromochloromethane	11.100	129	2954	0.83	ug/l #	10
64) Tetrachloroethene	11.100	164	2690	0.91	ug/l	91
76) 1,2,3-Trichloropropane	12.847	75	71219	22.22	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71219	64.84	ug/l #	13
86) p-Isopropyltoluene	13.729	119	56	0.63	ug/l #	50

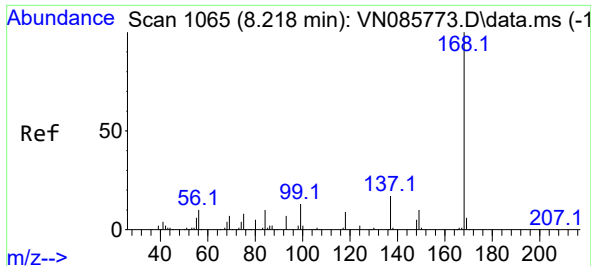
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
Data File : VN085836.D
Acq On : 24 Feb 2025 14:49
Operator : JC\MD
Sample : Q1405-04RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

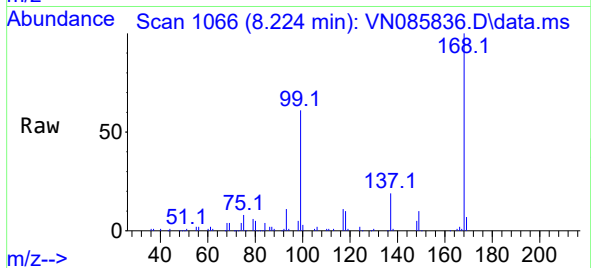
Quant Time: Feb 24 15:15:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration



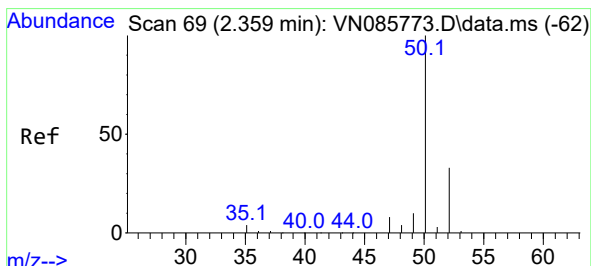
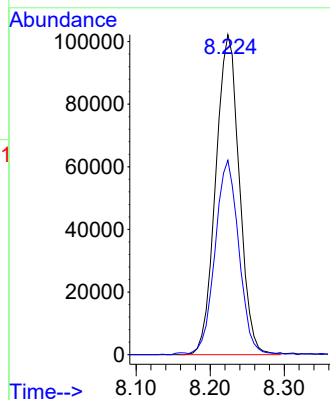
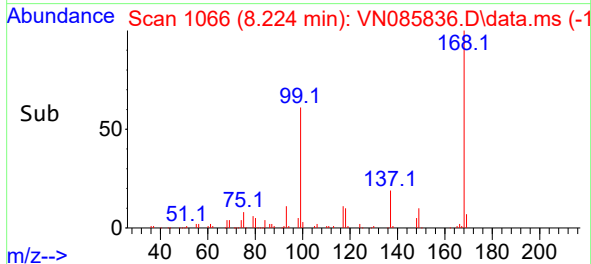


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :

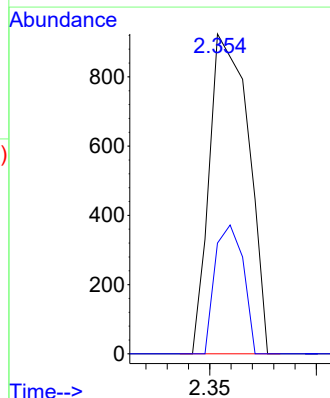
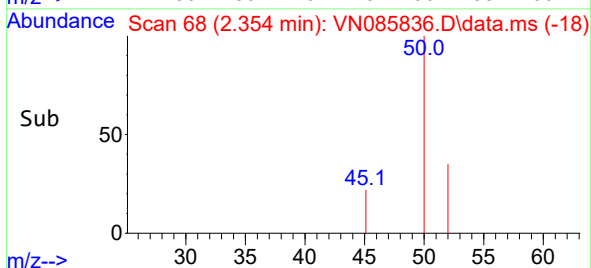
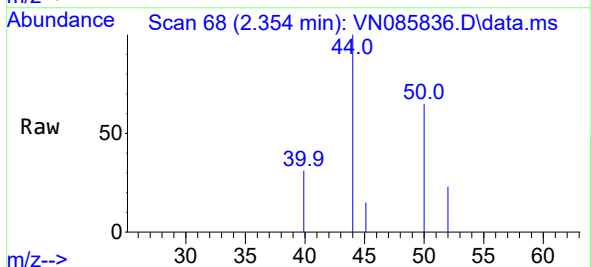


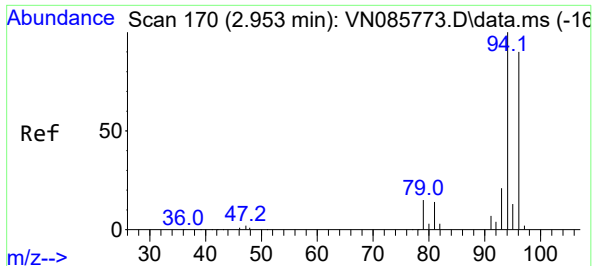
Tgt Ion:168 Resp: 225697
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#3
Chloromethane
Concen: 0.38 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

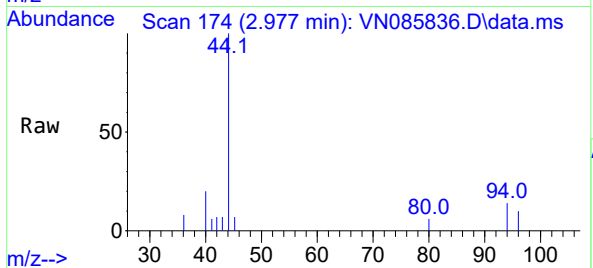
Tgt Ion: 50 Resp: 1183
Ion Ratio Lower Upper
50 100
52 34.6 26.7 40.1



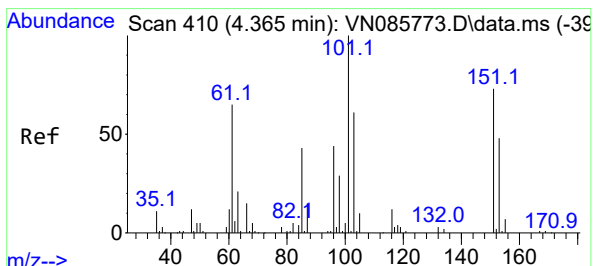
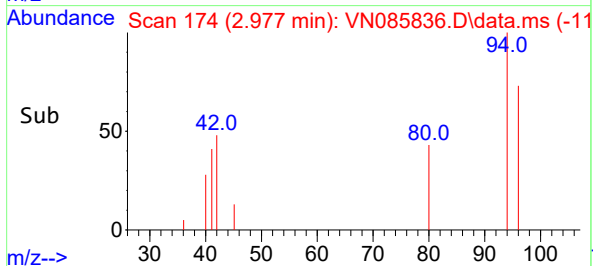
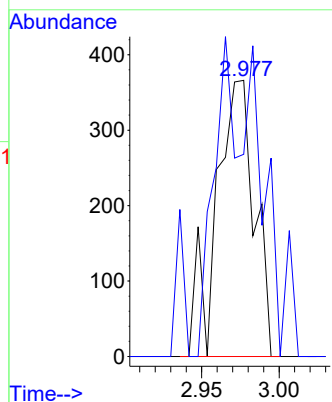


#5
Bromomethane
Concen: 0.30 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :

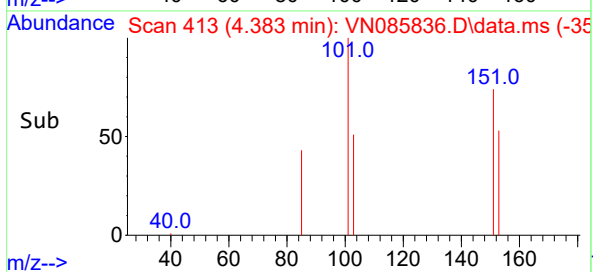
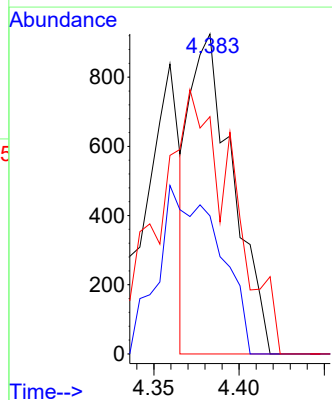
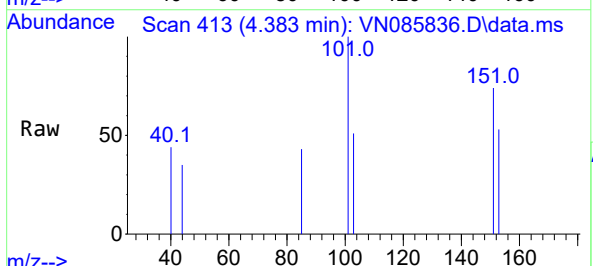


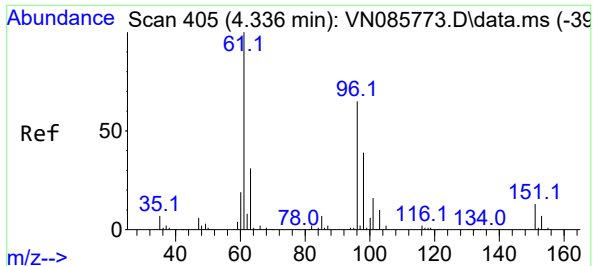
Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 73.2 71.7 107.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.59 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.018 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Tgt Ion: 101 Resp: 1624
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 140.7 61.4 92.2#

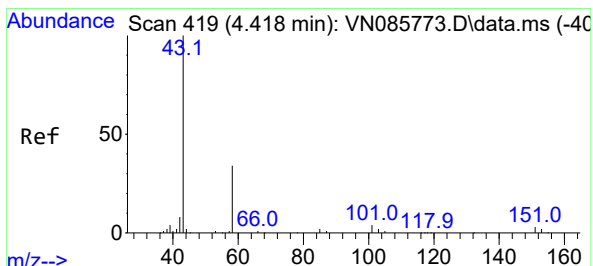
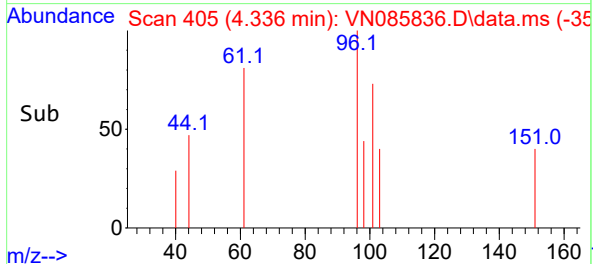
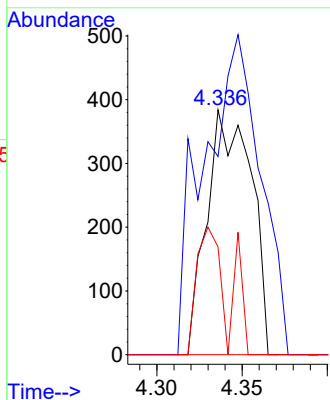
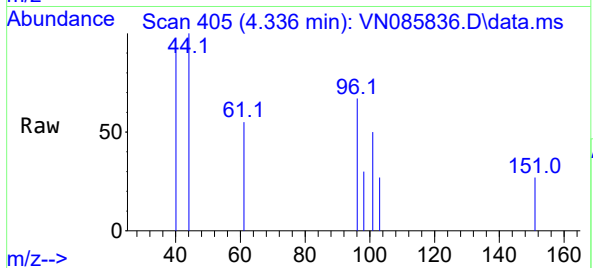




#12
1,1-Dichloroethene
Concen: 0.28 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

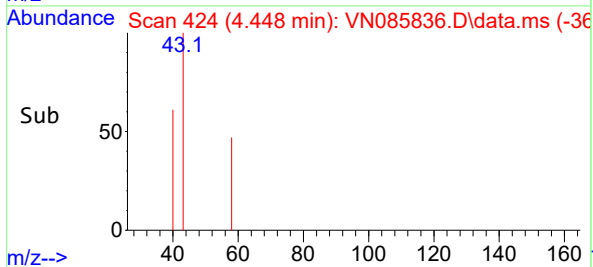
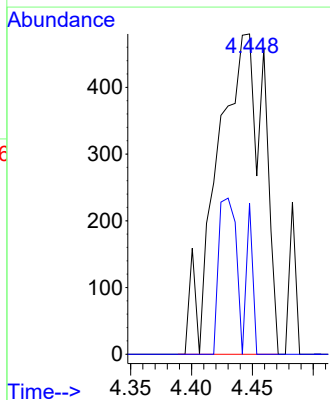
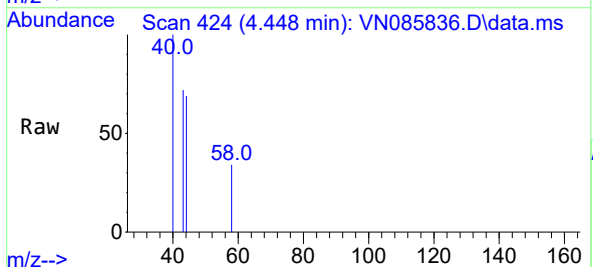
Instrument :
MSVOA_X
ClientSampleId :

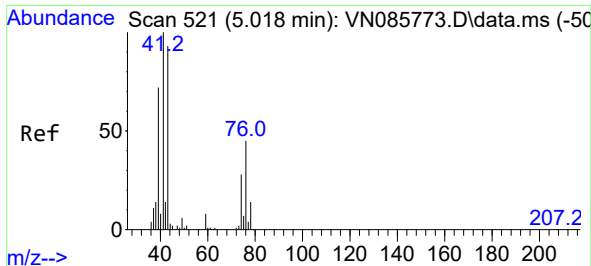
Tgt Ion: 96 Resp: 694
Ion Ratio Lower Upper
96 100
61 81.0 123.3 184.9#
98 44.0 48.6 72.8#



#16
Acetone
Concen: 1.37 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.030 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 47.1 27.5 41.3#





#18

Methyl Acetate

Concen: 0.35 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.000 min

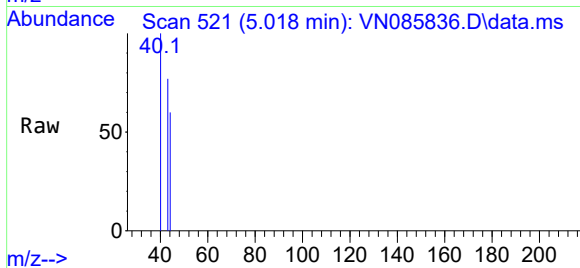
Lab File: VN085836.D

Acq: 24 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

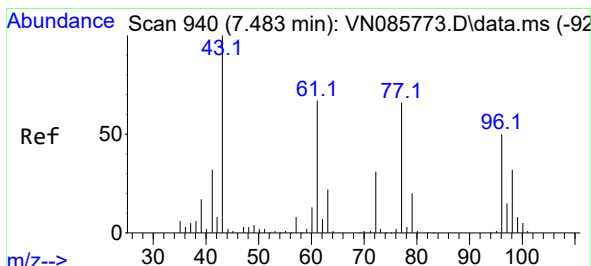
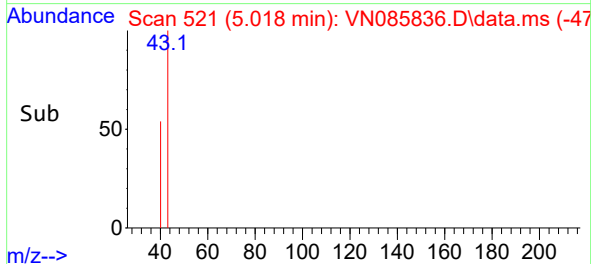
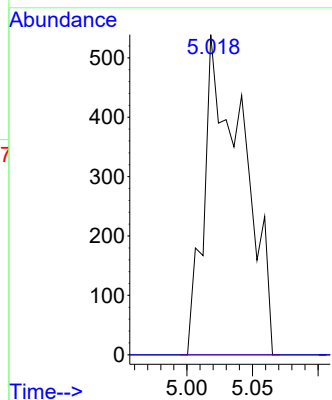


Tgt Ion: 43 Resp: 1113

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#



#27

cis-1,2-Dichloroethene

Concen: 1.58 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN085836.D

Acq: 24 Feb 2025 14:49

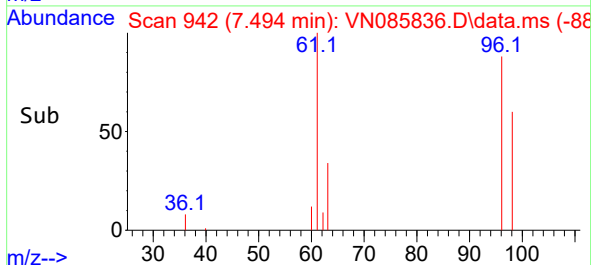
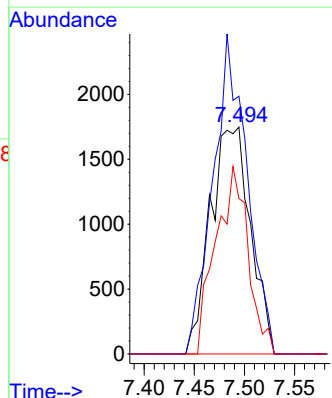
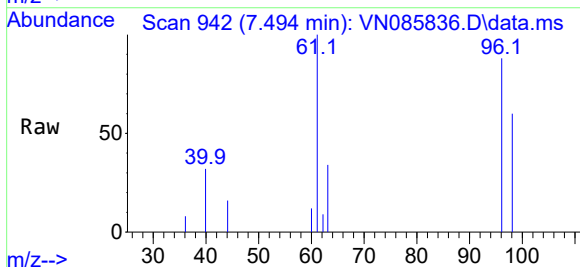
Tgt Ion: 96 Resp: 4885

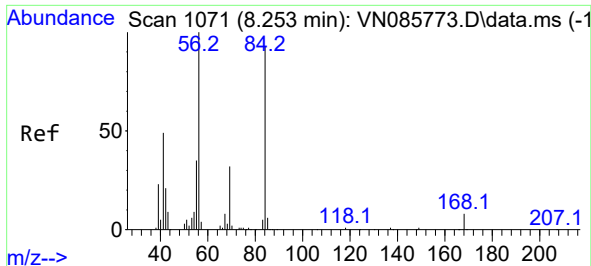
Ion Ratio Lower Upper

96 100

61 119.3 0.0 280.6

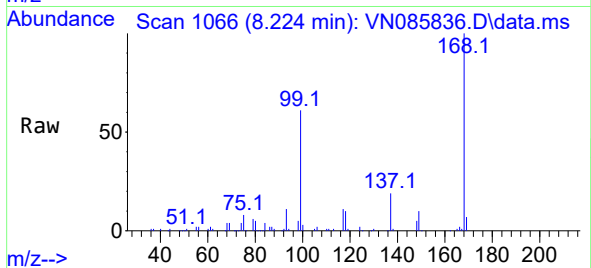
98 66.2 0.0 128.6



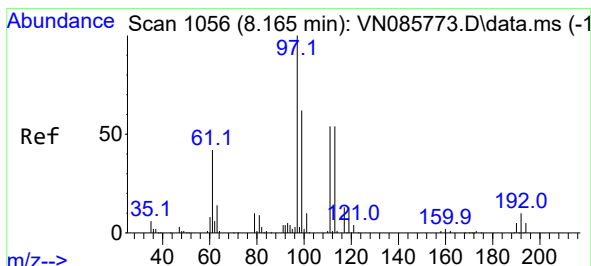
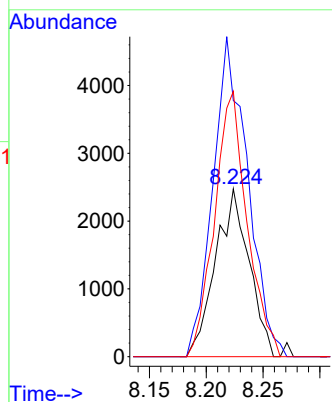
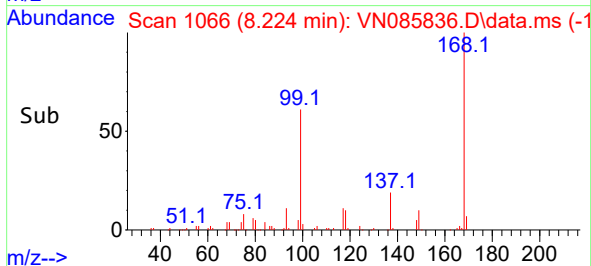


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

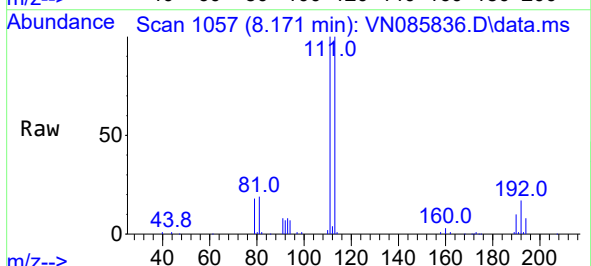
Instrument :
MSVOA_X
ClientSampleId :



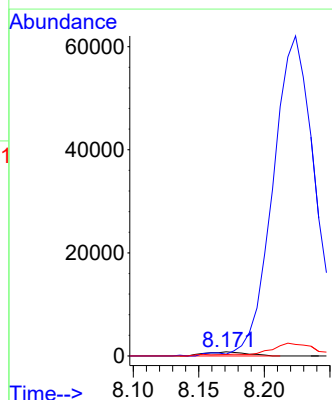
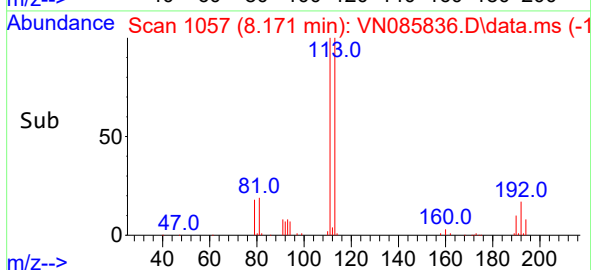
Tgt Ion: 56 Resp: 5085
Ion Ratio Lower Upper
56 100
69 152.6 25.8 38.6#
84 158.0 74.5 111.7#

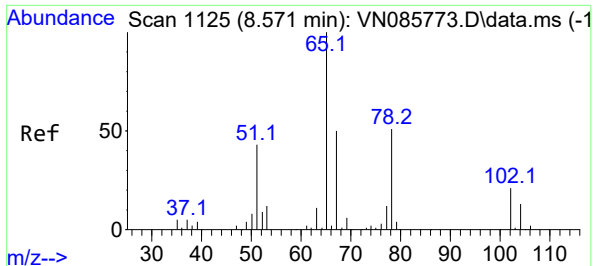


#32
1,1,1-Trichloroethane
Concen: 0.38 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49



Tgt Ion: 97 Resp: 1752
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 14.8 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 59.57 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085836.D

Acq: 24 Feb 2025 14:49

Instrument :

MSVOA_X

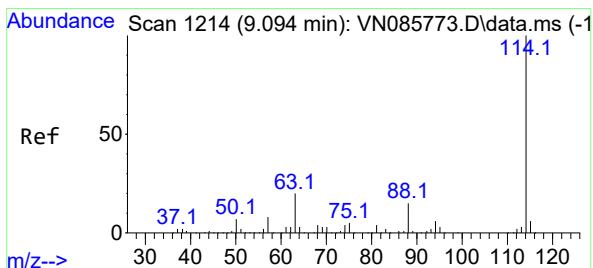
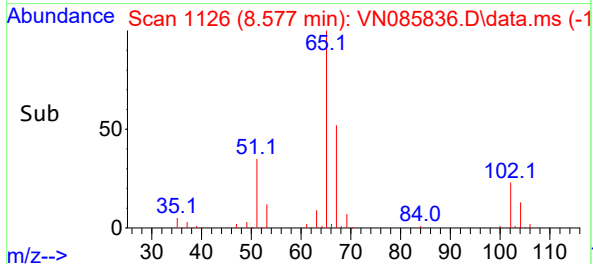
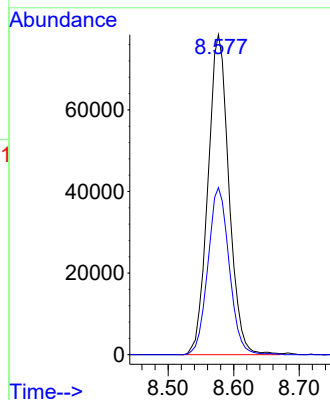
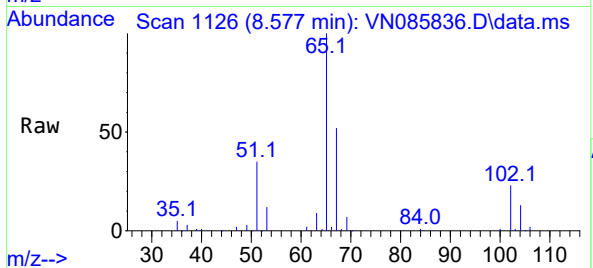
ClientSampleId :

Tgt Ion: 65 Resp: 174318

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085836.D

Acq: 24 Feb 2025 14:49

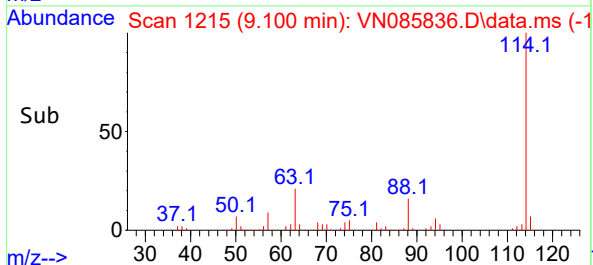
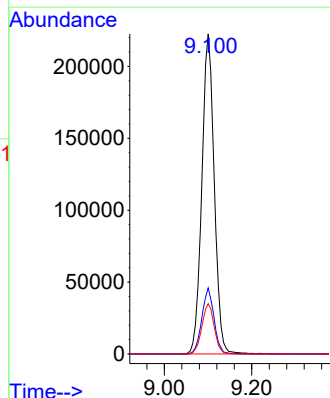
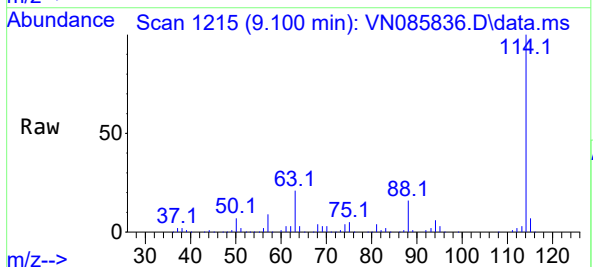
Tgt Ion: 114 Resp: 441369

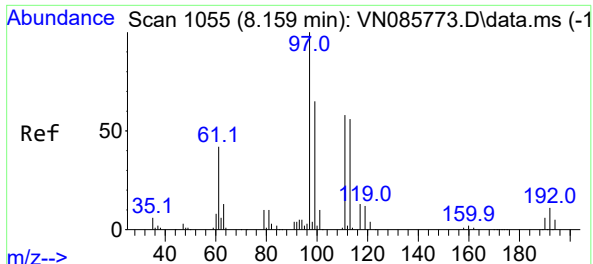
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

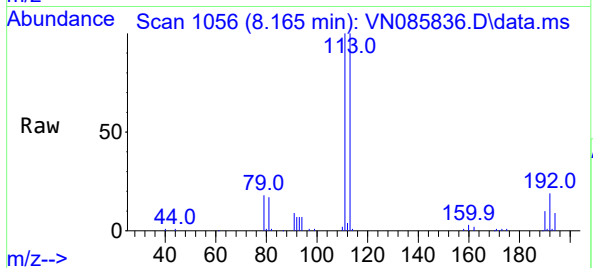
88 15.7 0.0 30.0



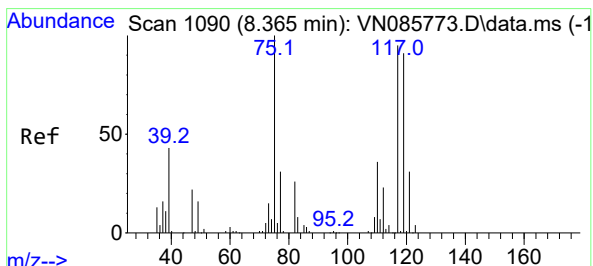
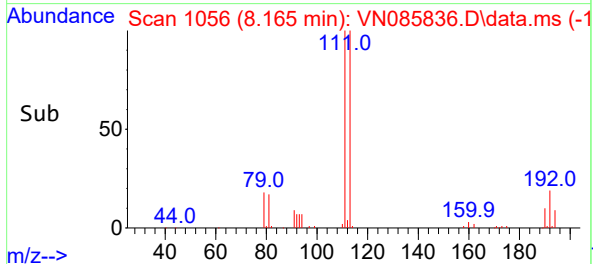
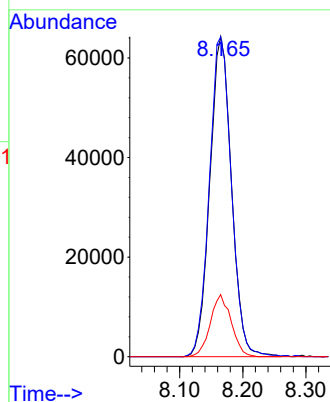


#35
 Dibromofluoromethane
 Concen: 52.88 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085836.D
 Acq: 24 Feb 2025 14:49

Instrument :
 MSVOA_X
 ClientSampleId :

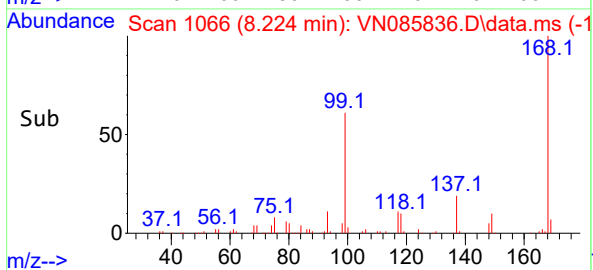
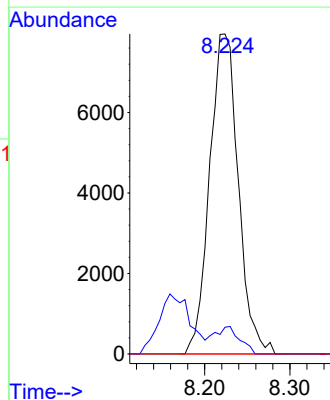
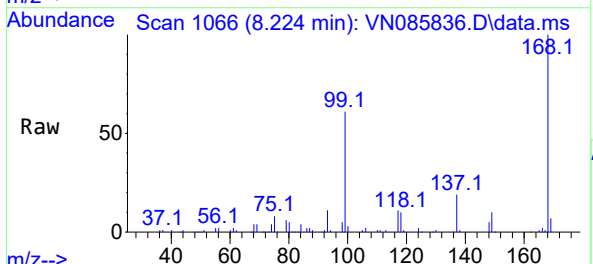


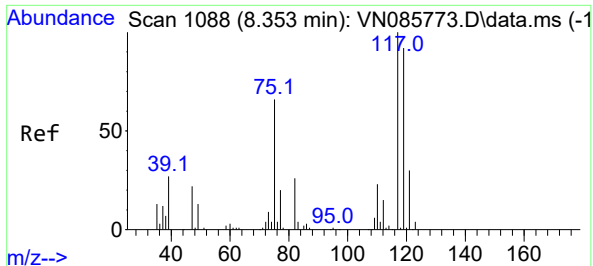
Tgt Ion:113 Resp: 152713
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 18.7 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.55 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.141 min
 Lab File: VN085836.D
 Acq: 24 Feb 2025 14:49

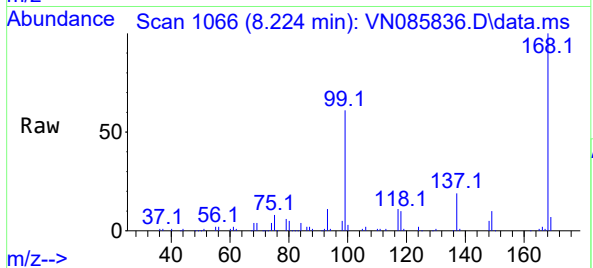
Tgt Ion: 75 Resp: 18578
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.3 52.0#
 77 0.0 24.6 37.0#



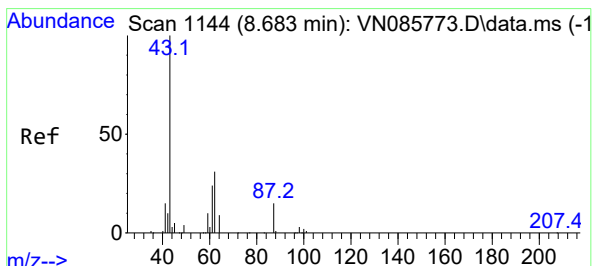
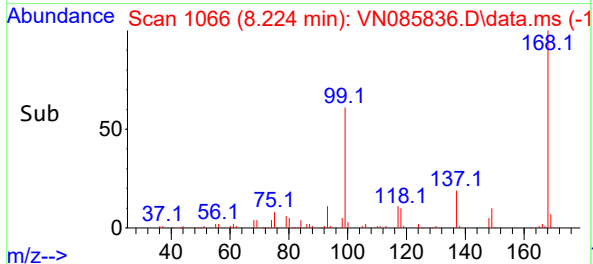
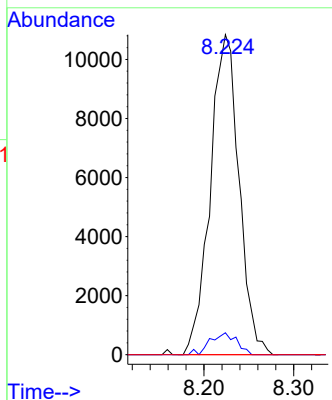


#38
Carbon Tetrachloride
Concen: 4.97 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :

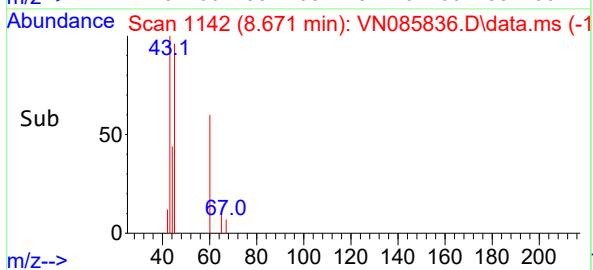
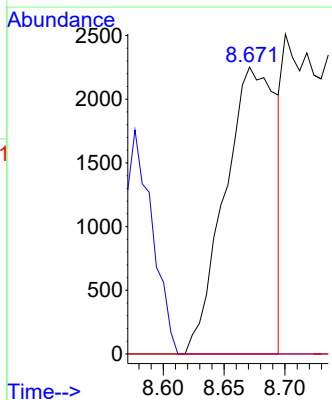
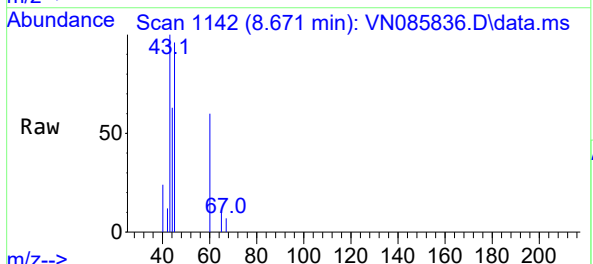


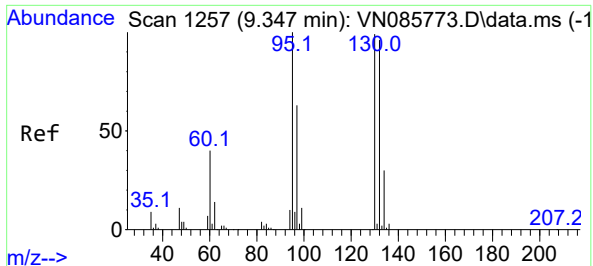
Tgt Ion:117 Resp: 24114
Ion Ratio Lower Upper
117 100
119 6.8 73.8 110.6#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.58 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Tgt Ion: 43 Resp: 6613
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#

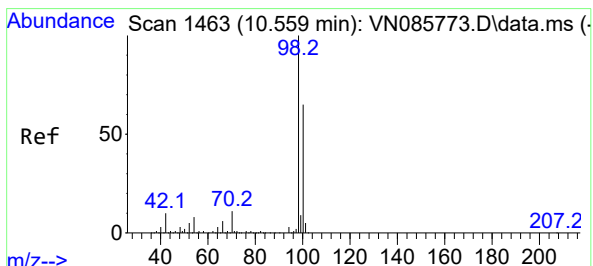
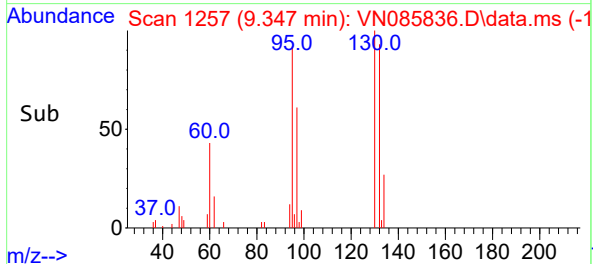
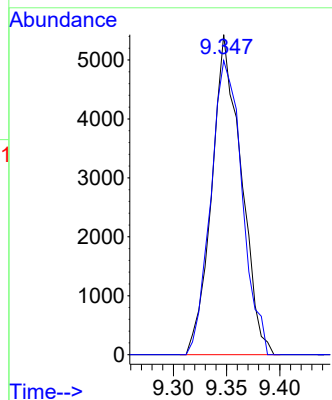
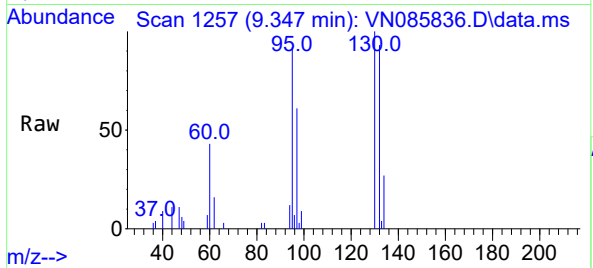




#44
Trichloroethene
Concen: 3.25 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

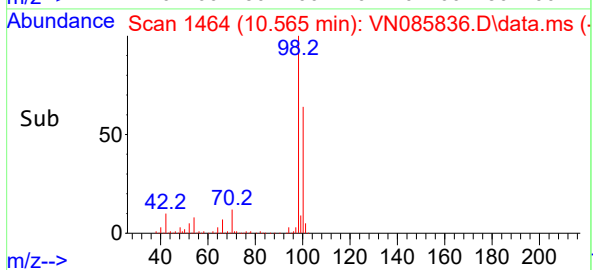
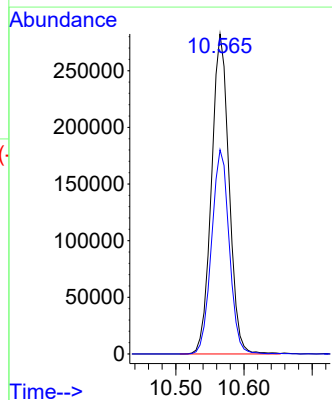
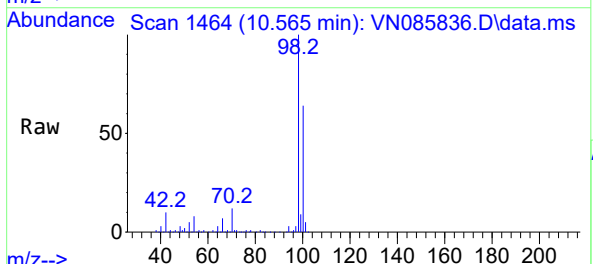
Instrument :
MSVOA_X
ClientSampleId :

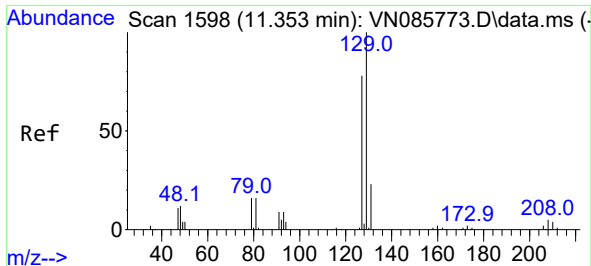
Tgt Ion:130 Resp: 10442
Ion Ratio Lower Upper
130 100
95 91.9 0.0 202.6



#50
Toluene-d8
Concen: 48.23 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

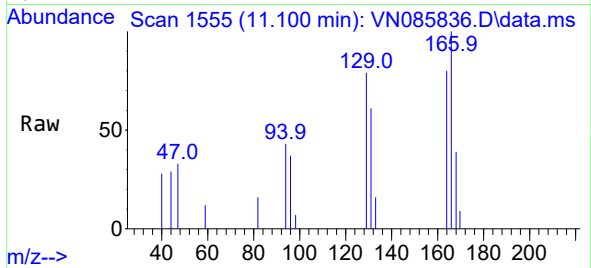
Tgt Ion: 98 Resp: 506797
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



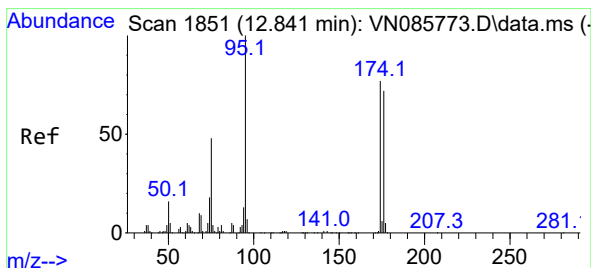
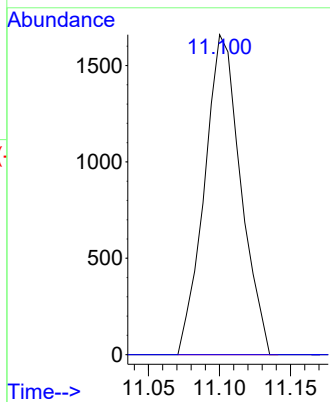
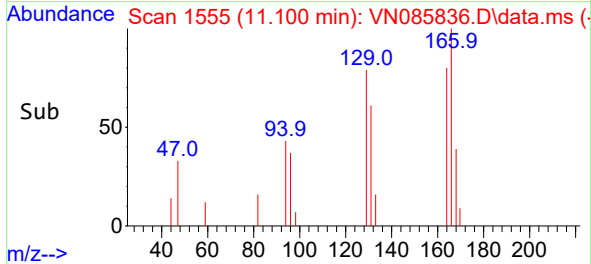


#60
Dibromochloromethane
Concen: 0.83 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :

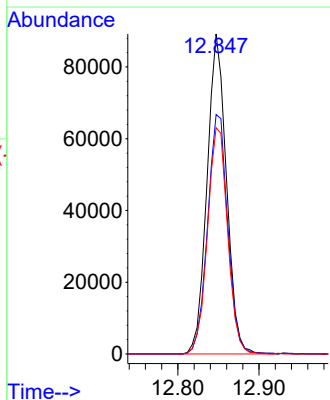
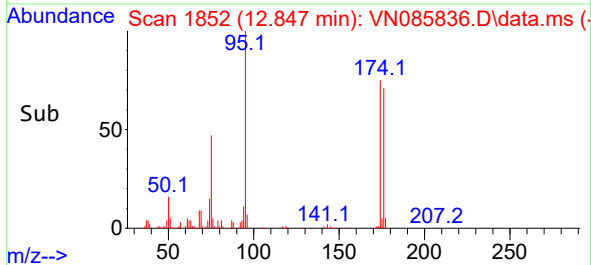
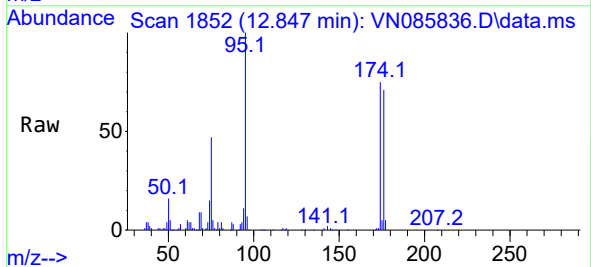


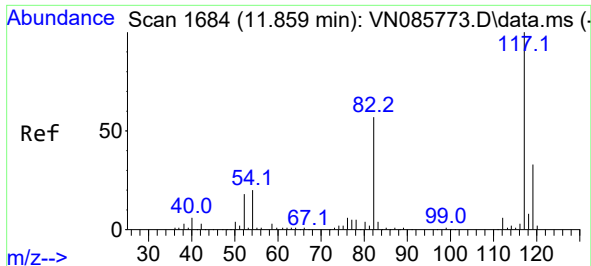
Tgt Ion:129 Resp: 2954
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#



#62
4-Bromofluorobenzene
Concen: 42.66 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Tgt Ion: 95 Resp: 147677
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 73.3 0.0 146.6

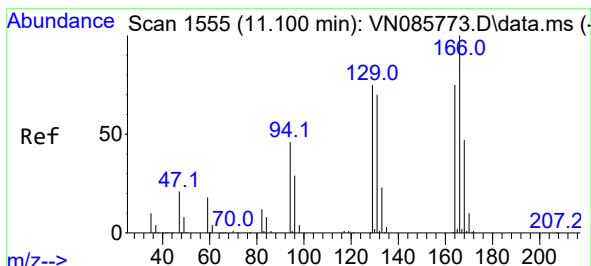
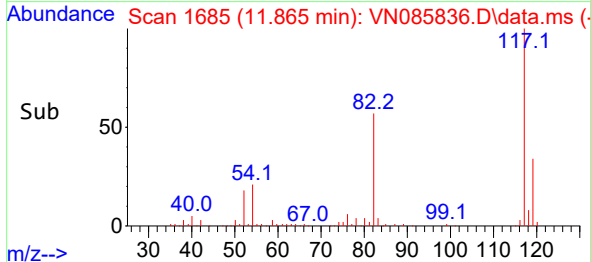
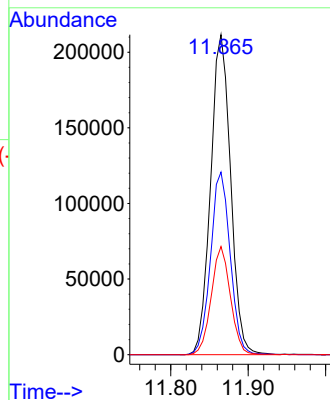
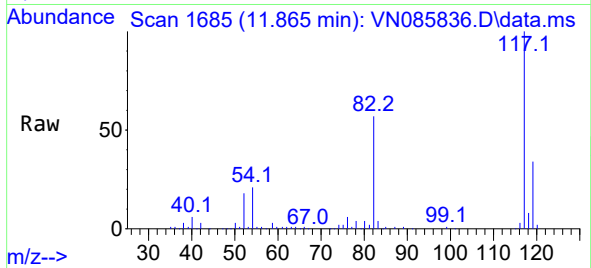




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

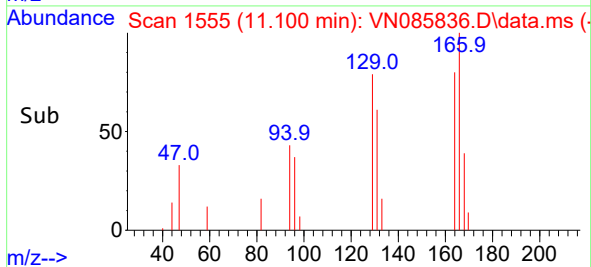
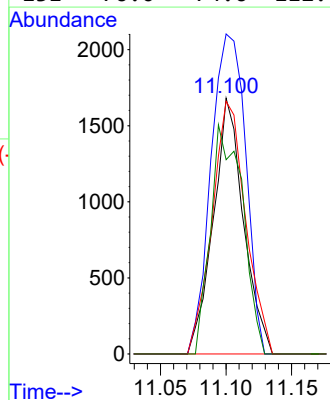
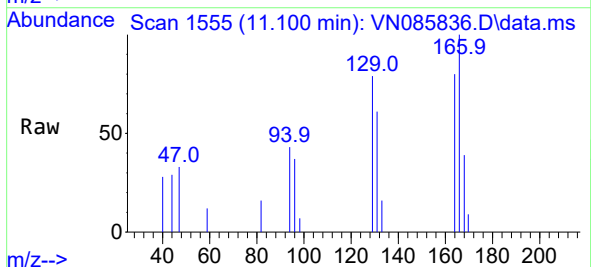
Instrument :
MSVOA_X
ClientSampleId :

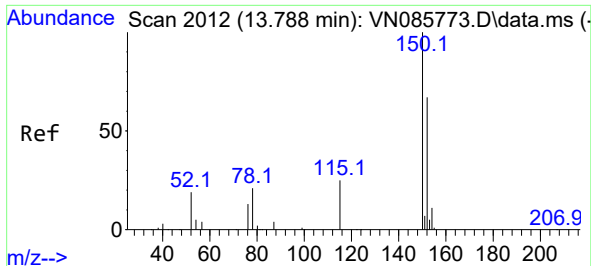
Tgt Ion:117 Resp: 379940
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 33.8 26.2 39.2



#64
Tetrachloroethene
Concen: 0.91 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

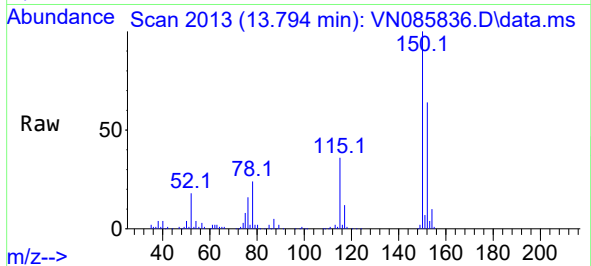
Tgt Ion:164 Resp: 2690
Ion Ratio Lower Upper
164 100
166 125.2 107.2 160.8
129 98.8 80.7 121.1
131 76.0 74.6 112.0



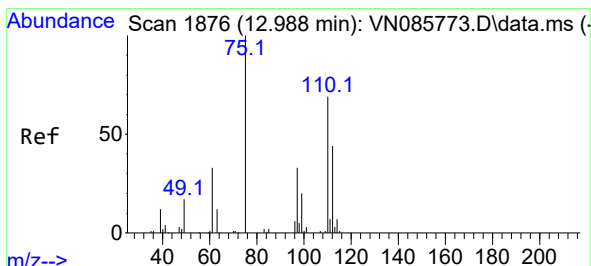
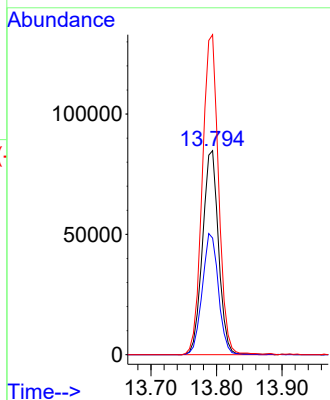
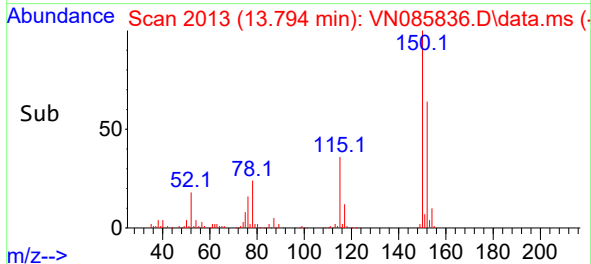


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :

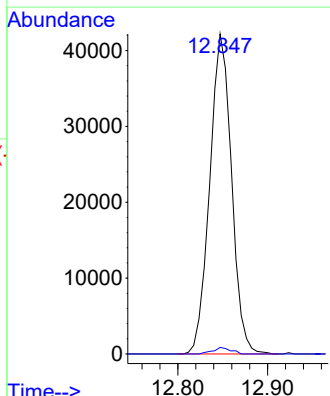
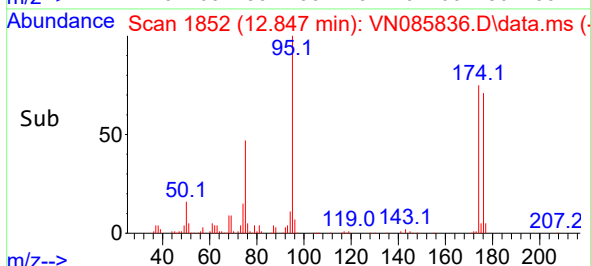
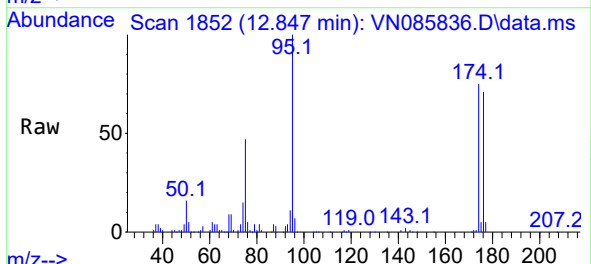


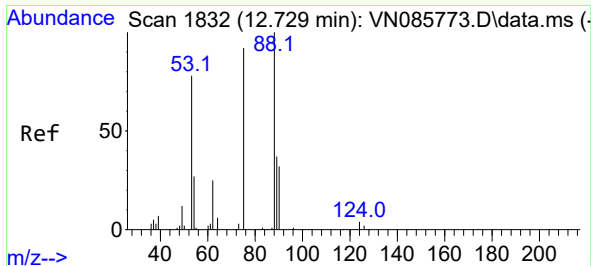
Tgt Ion:152 Resp: 144264
Ion Ratio Lower Upper
152 100
115 59.9 30.4 91.3
150 159.4 0.0 345.4



#76
1,2,3-Trichloropropane
Concen: 22.22 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

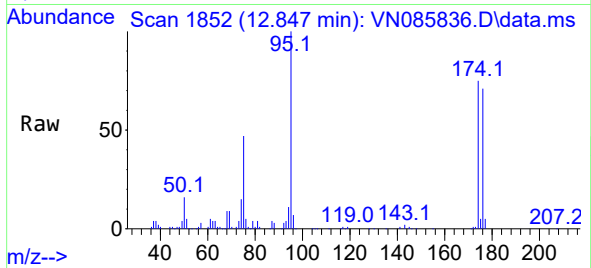
Tgt Ion: 75 Resp: 71219
Ion Ratio Lower Upper
75 100
77 1.7 100.0 300.0#



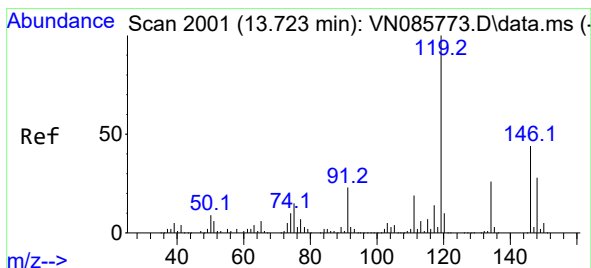
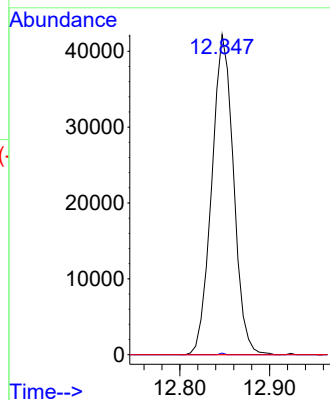
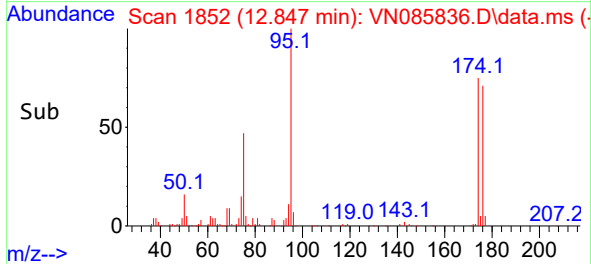


#81
trans-1,4-Dichloro-2-butene
Concen: 64.84 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

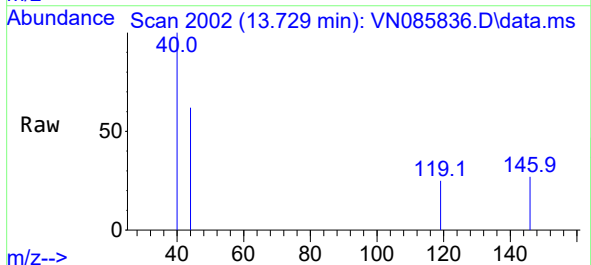
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 71219
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.9 52.3#



#86
p-Isopropyltoluene
Concen: 0.63 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49



Tgt Ion: 119 Resp: 56
Ion Ratio Lower Upper
119 100
134 0.0 13.0 39.0#
91 0.0 11.7 35.1#

