

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082349.D
 Acq On : 28 May 2024 16:06
 Operator : JC\MD
 Sample : P2605-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240521

Quant Time: May 29 06:52:41 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)

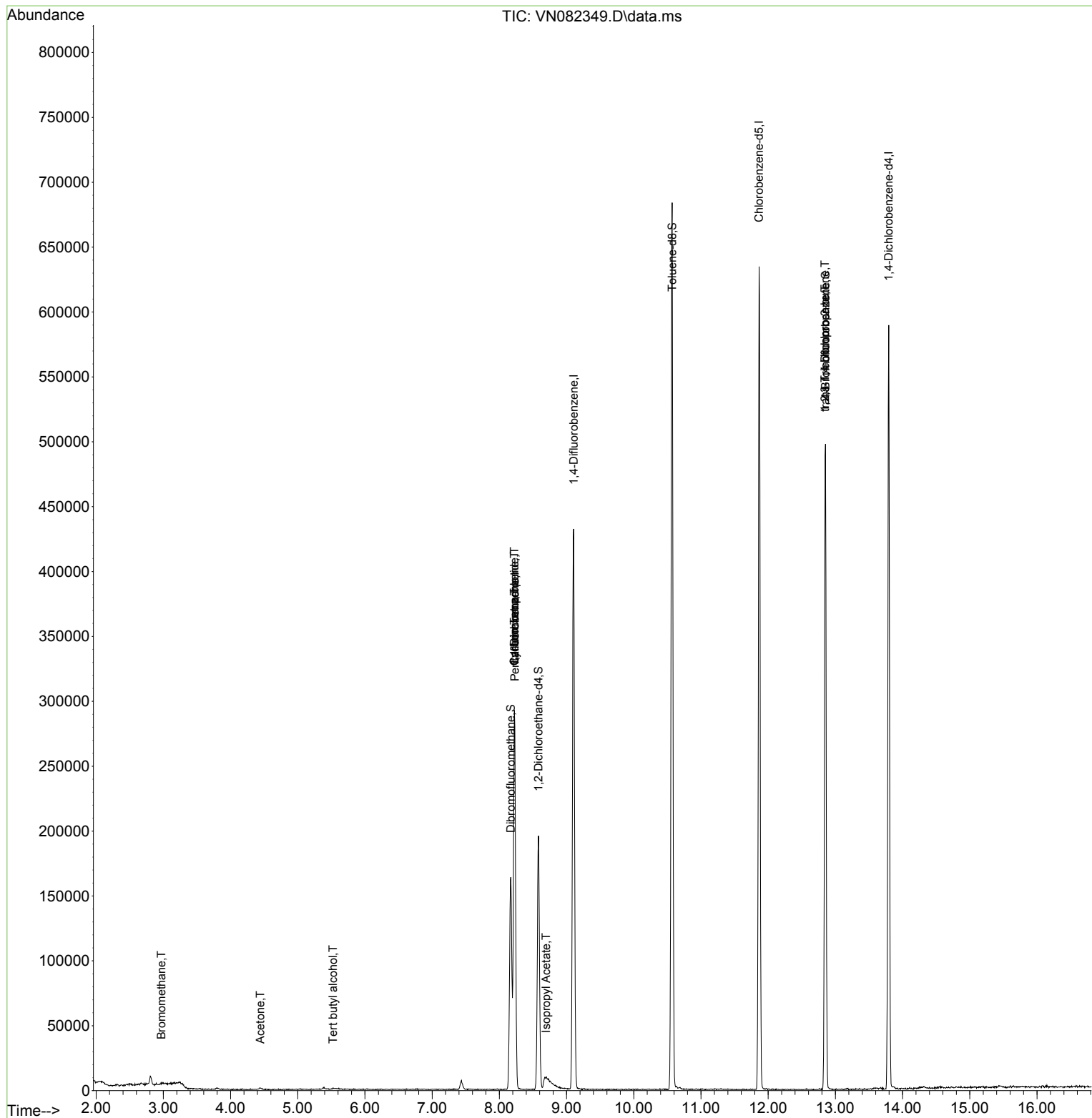
Internal Standards						
1) Pentafluorobenzene	8.229	168	202527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	356762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158180	49.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	8.171	113	114718	52.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.570	98	450949	53.595	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.180%
62) 4-Bromofluorobenzene	12.853	95	164149	54.658	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	109.320%
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	378	0.211	ug/l	86
11) Tert butyl alcohol	5.524	59	852	1.660	ug/l #	71
16) Acetone	4.441	43	2008	1.531	ug/l #	43
31) Cyclohexane	8.224	56	6000	1.175	ug/l #	52
36) 1,1-Dichloropropene	8.224	75	18156	4.933	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21904	5.870	ug/l #	16
43) Isopropyl Acetate	8.694	43	12861	1.762	ug/l #	52
76) 1,2,3-Trichloropropane	12.847	75	94570	31.112	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	94570	72.769	ug/l #	12

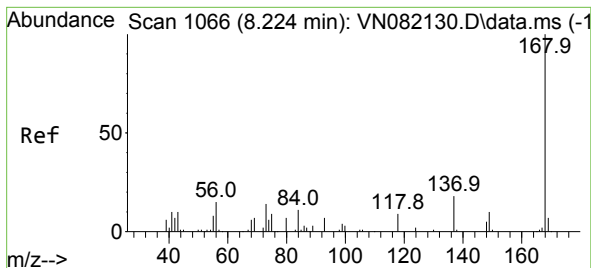
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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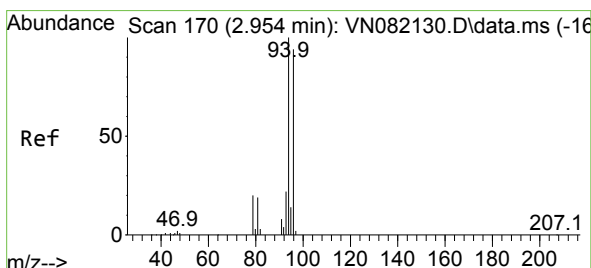
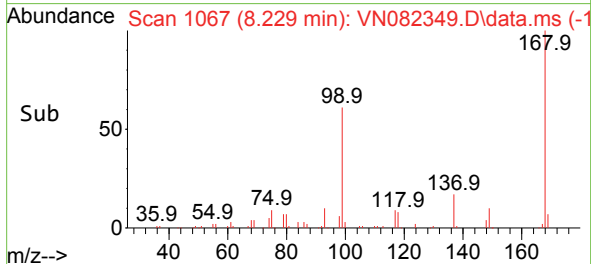
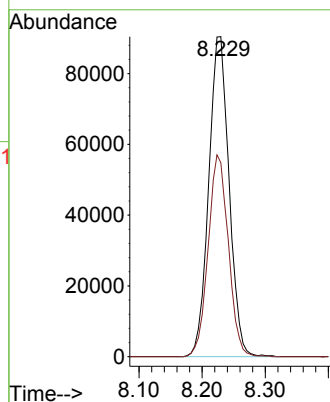
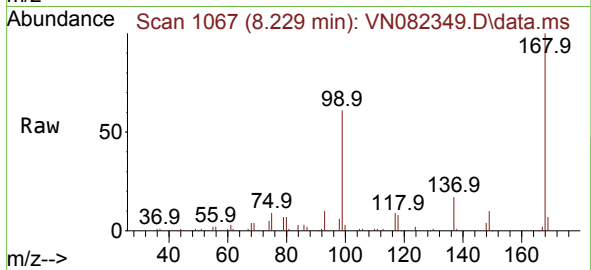




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

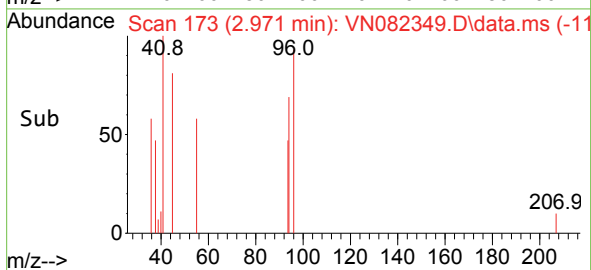
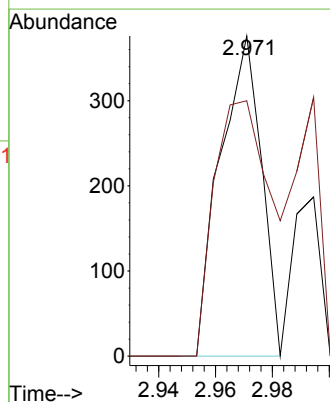
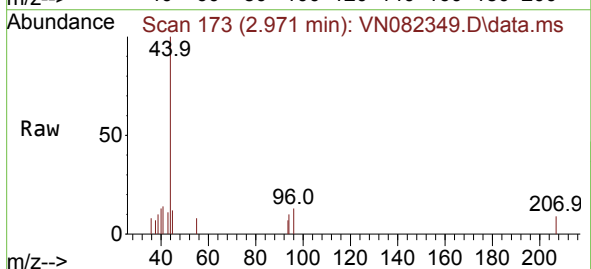
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240521

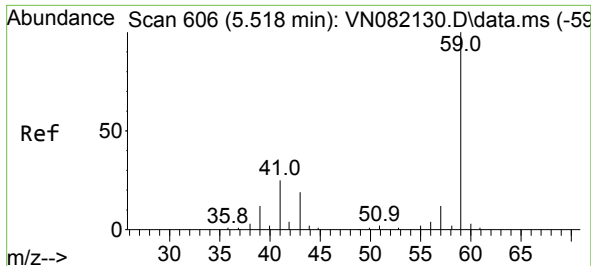
Tgt Ion:168 Resp: 202527
Ion Ratio Lower Upper
168 100
99 60.6 48.2 72.4



#5
Bromomethane
Concen: 0.211 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.017 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 79.8 74.8 112.2

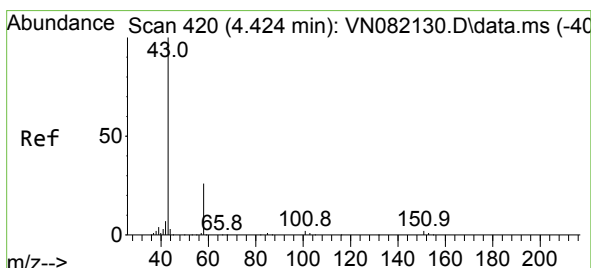
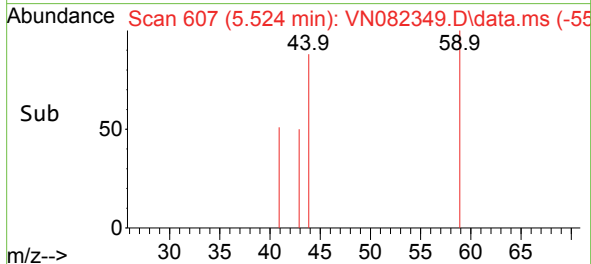
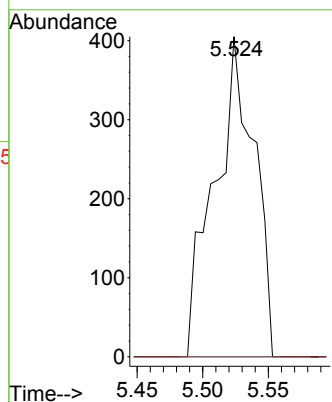
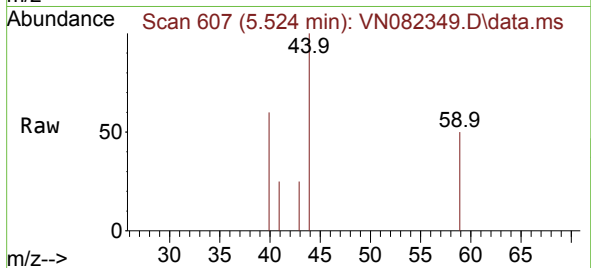




#11
Tert butyl alcohol
Concen: 1.660 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

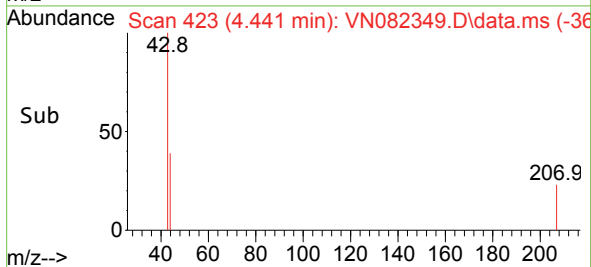
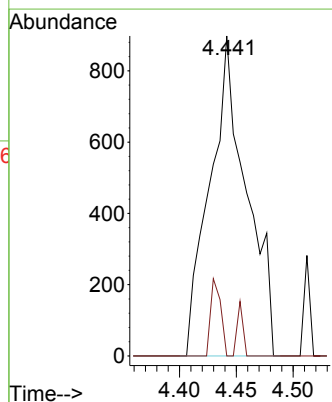
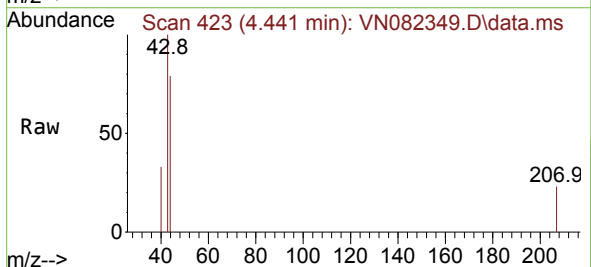
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240521

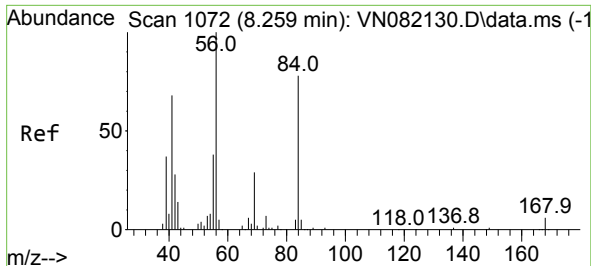
Tgt Ion: 59 Resp: 852
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 1.531 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

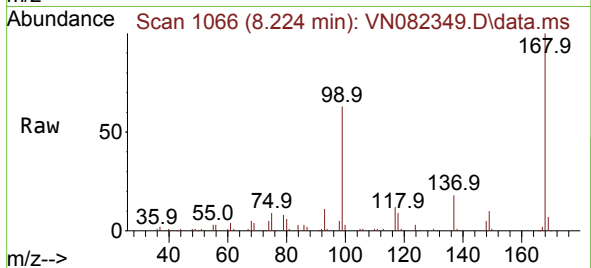
Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



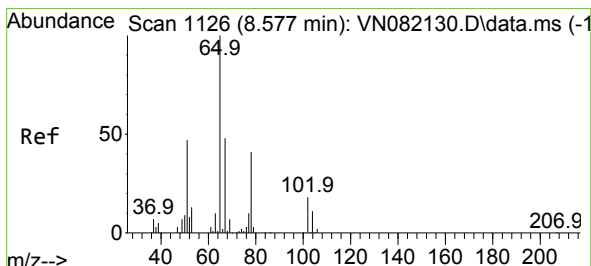
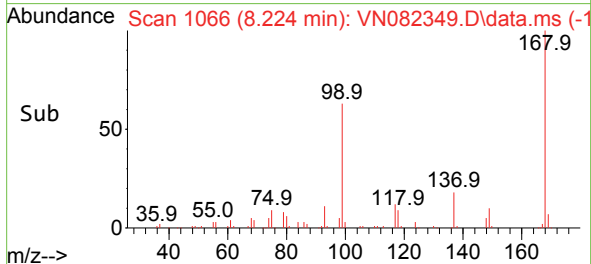
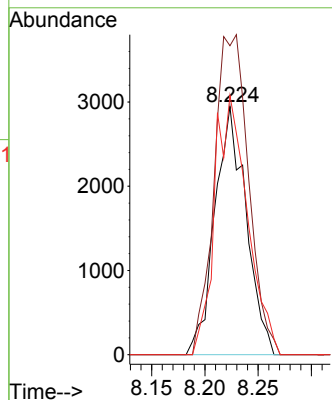


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :
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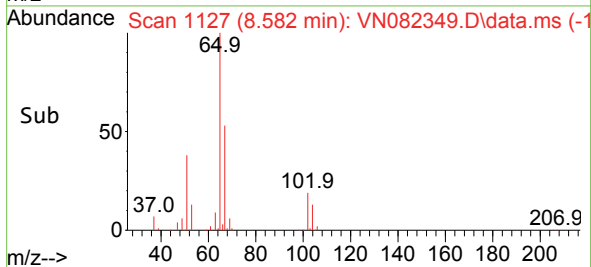
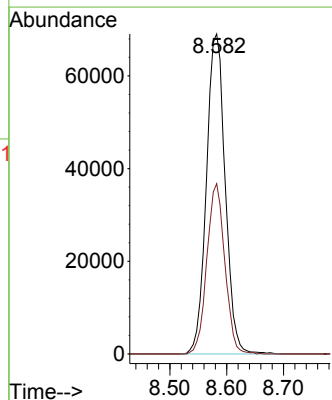
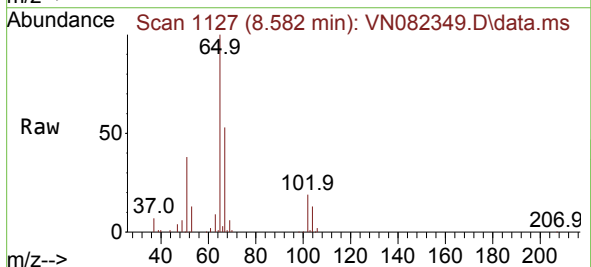


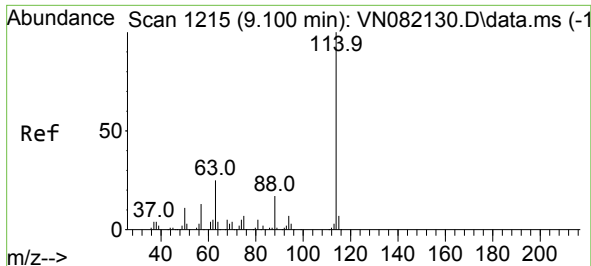
Tgt Ion: 56 Resp: 6000
Ion Ratio Lower Upper
56 100
69 124.5 24.4 36.6#
84 104.4 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 49.463 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

Tgt Ion: 65 Resp: 158180
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

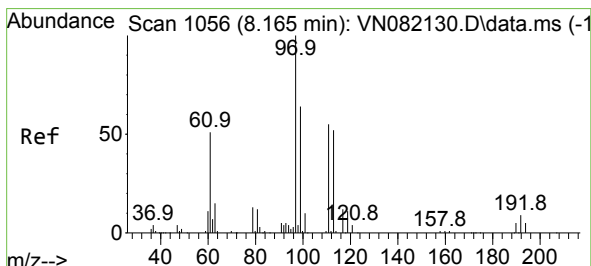
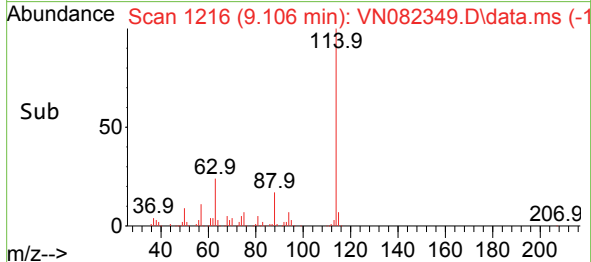
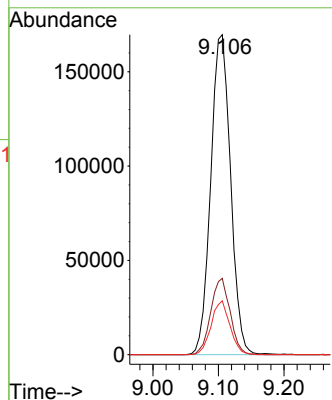
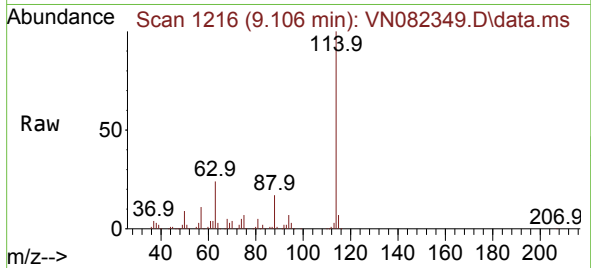




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

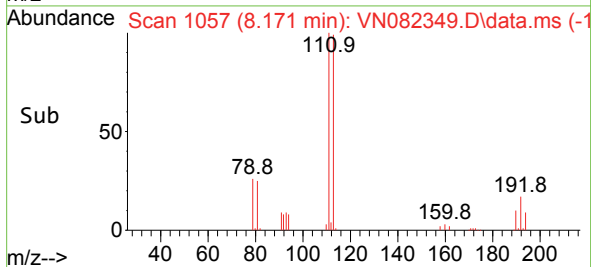
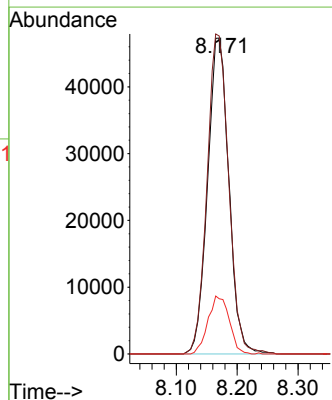
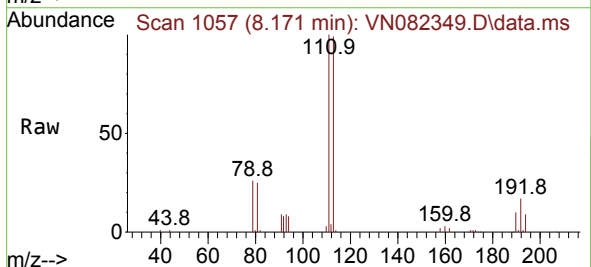
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240521

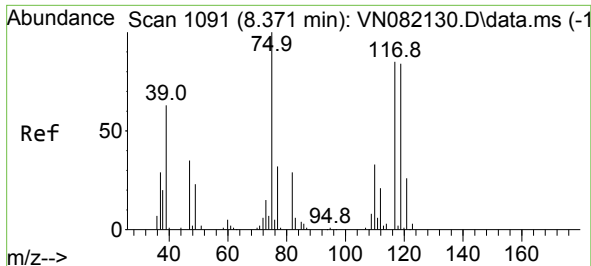
Tgt Ion:114 Resp: 356762
Ion Ratio Lower Upper
114 100
63 23.9 0.0 41.0
88 16.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.272 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

Tgt Ion:113 Resp: 114718
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 18.3 14.0 21.0

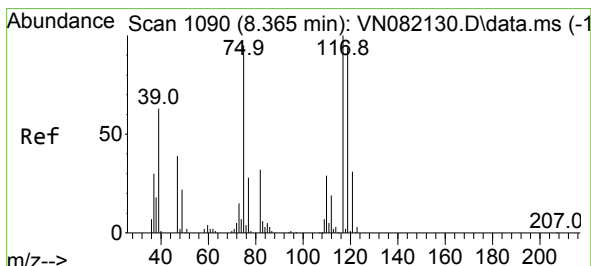
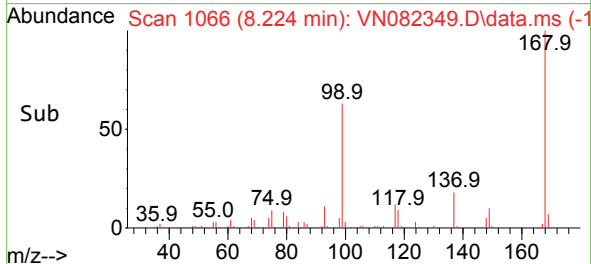
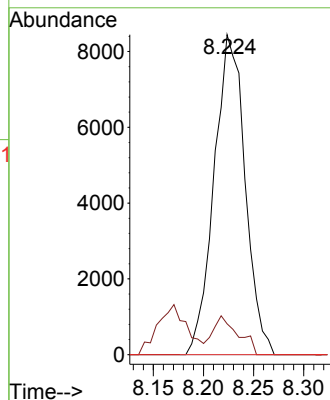
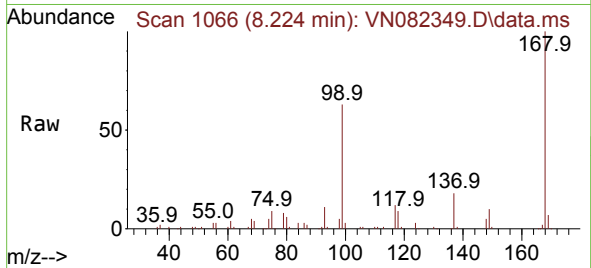




#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

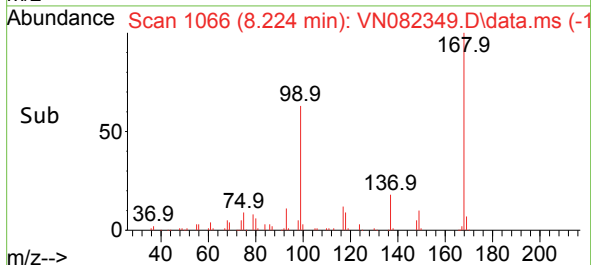
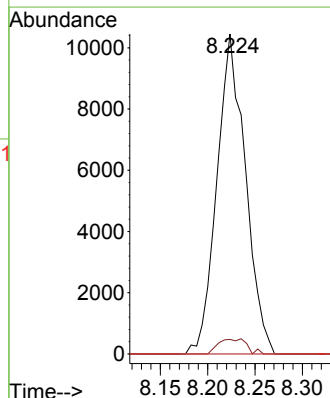
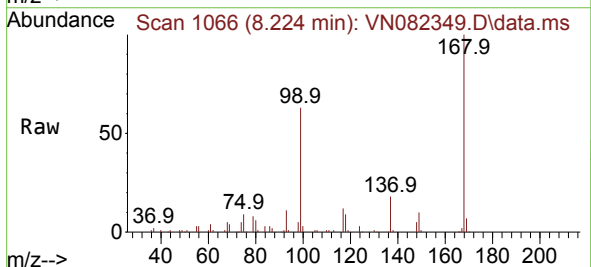
Instrument :
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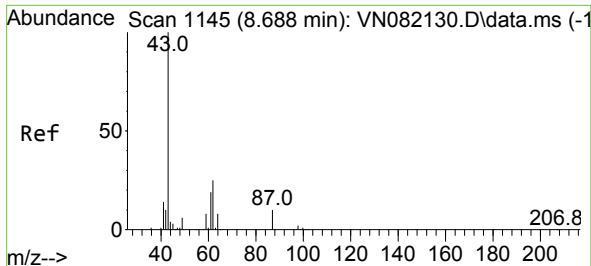
Tgt Ion: 75 Resp: 18156
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

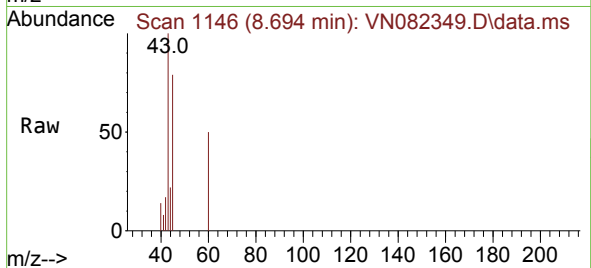
Tgt Ion: 117 Resp: 21904
Ion Ratio Lower Upper
117 100
119 4.6 76.5 114.7#
121 0.0 23.9 35.9#



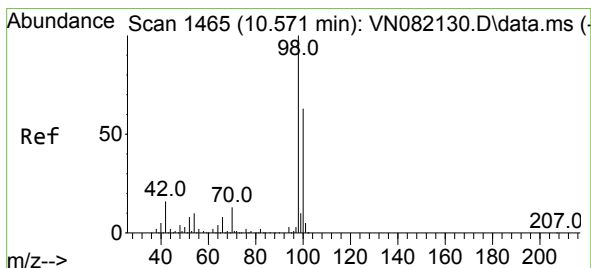
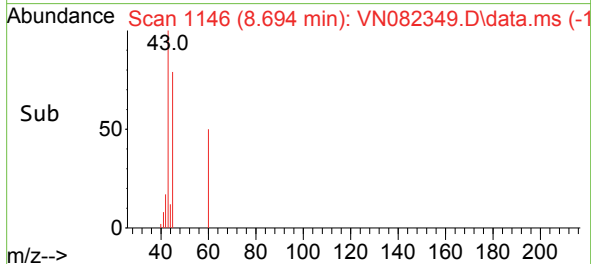
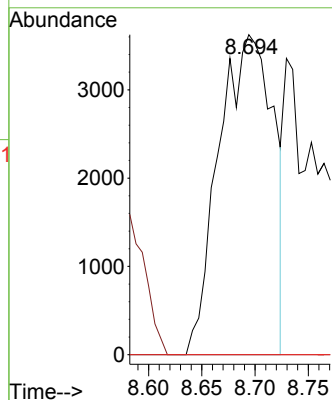


#43
Isopropyl Acetate
Concen: 1.762 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

Instrument :
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ClientSampleId :
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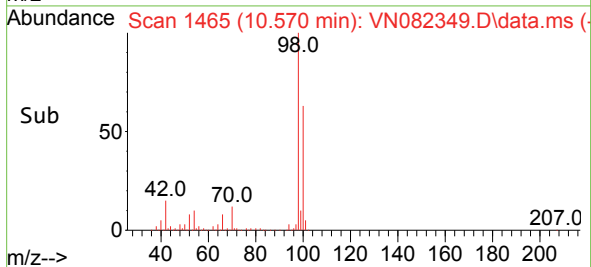
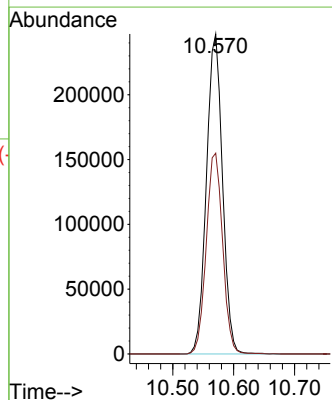
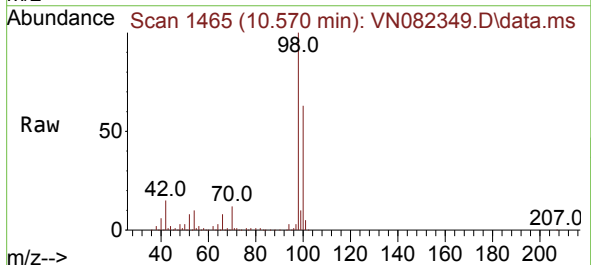


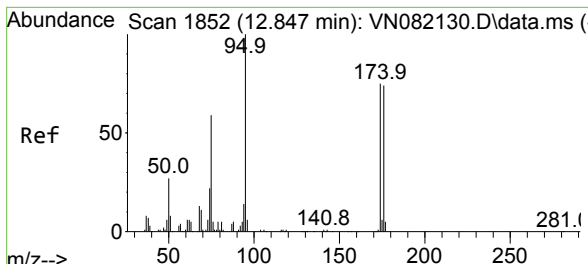
Tgt Ion: 43 Resp: 12861
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.595 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

Tgt Ion: 98 Resp: 450949
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

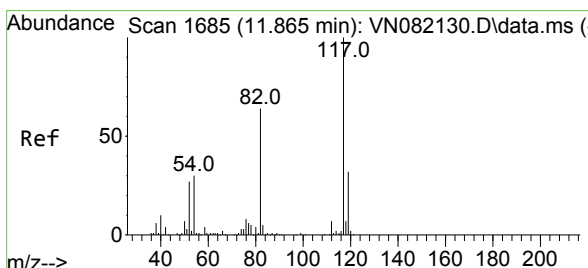
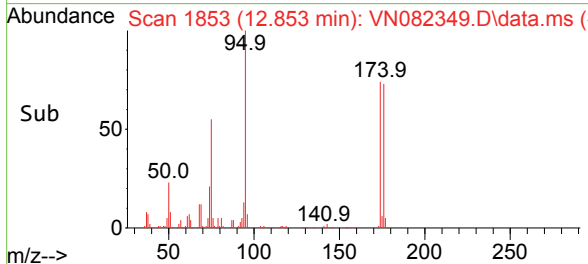
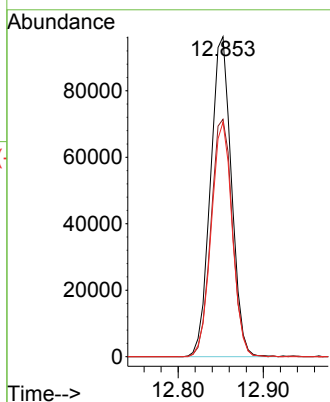
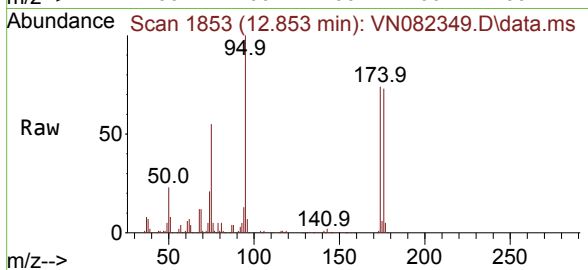




#62
4-Bromofluorobenzene
Concen: 54.658 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

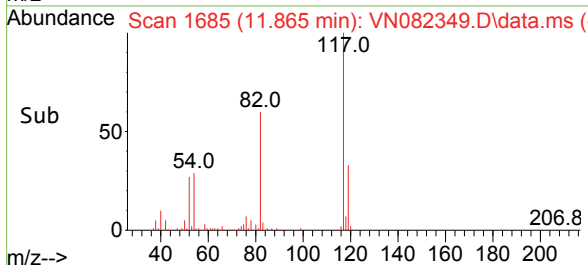
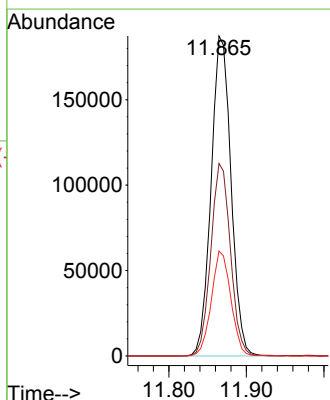
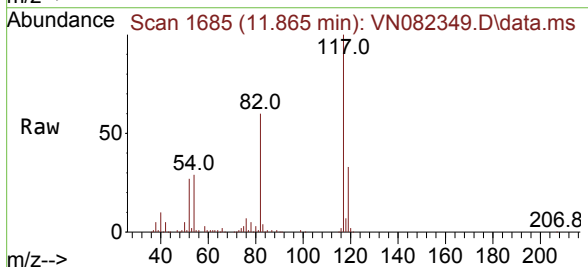
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240521

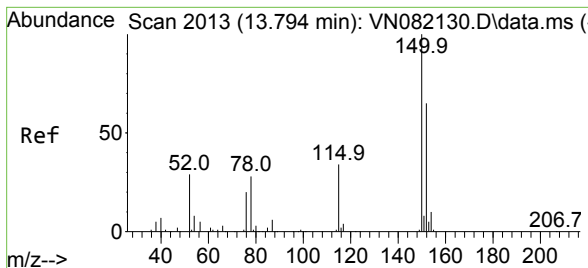
Tgt Ion:	95	Resp:	164149
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	160.6
176	73.0	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082349.D
Acq: 28 May 2024 16:06

Tgt Ion:	117	Resp:	334451
Ion	Ratio	Lower	Upper
117	100		
82	60.1	44.6	66.8
119	32.8	25.9	38.9

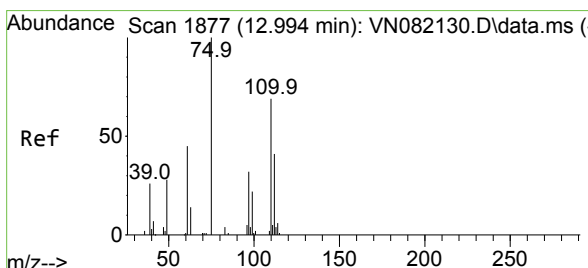
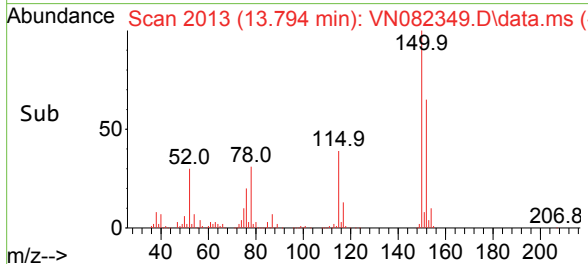
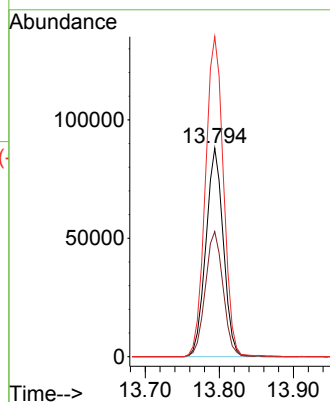
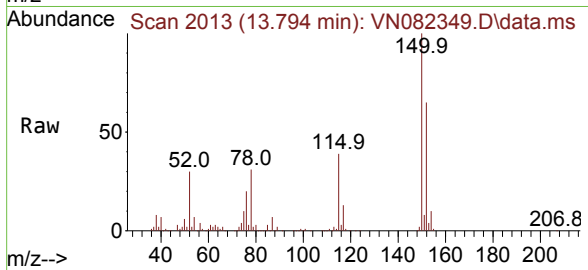




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082349.D
 Acq: 28 May 2024 16:06

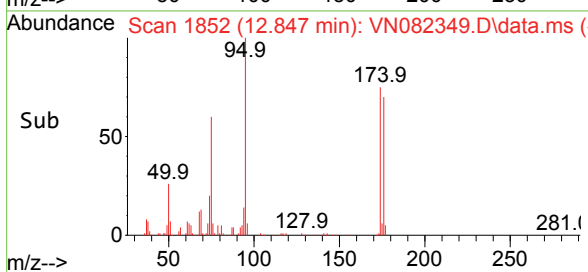
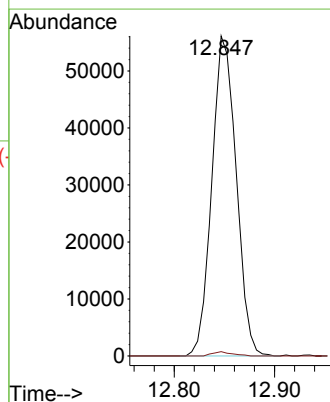
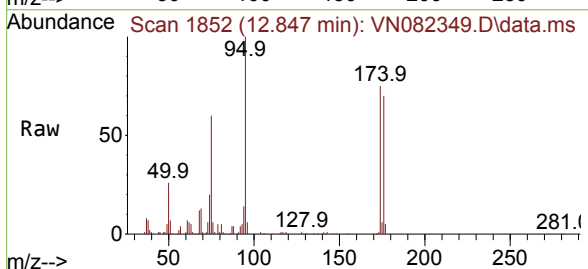
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240521

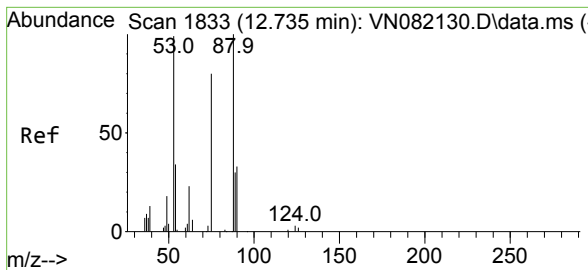
Tgt Ion:152 Resp: 144419
 Ion Ratio Lower Upper
 152 100
 115 61.0 30.4 91.3
 150 158.4 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 31.112 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082349.D
 Acq: 28 May 2024 16:06

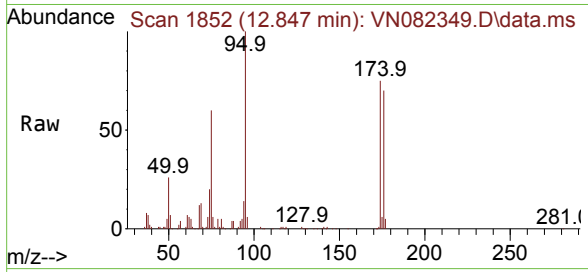
Tgt Ion: 75 Resp: 94570
 Ion Ratio Lower Upper
 75 100
 77 1.1 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.769 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082349.D
 Acq: 28 May 2024 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240521



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

