

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083026.D
 Acq On : 24 Jul 2024 14:05
 Operator : JC\MD
 Sample : P3338-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240718

Quant Time: Jul 25 02:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

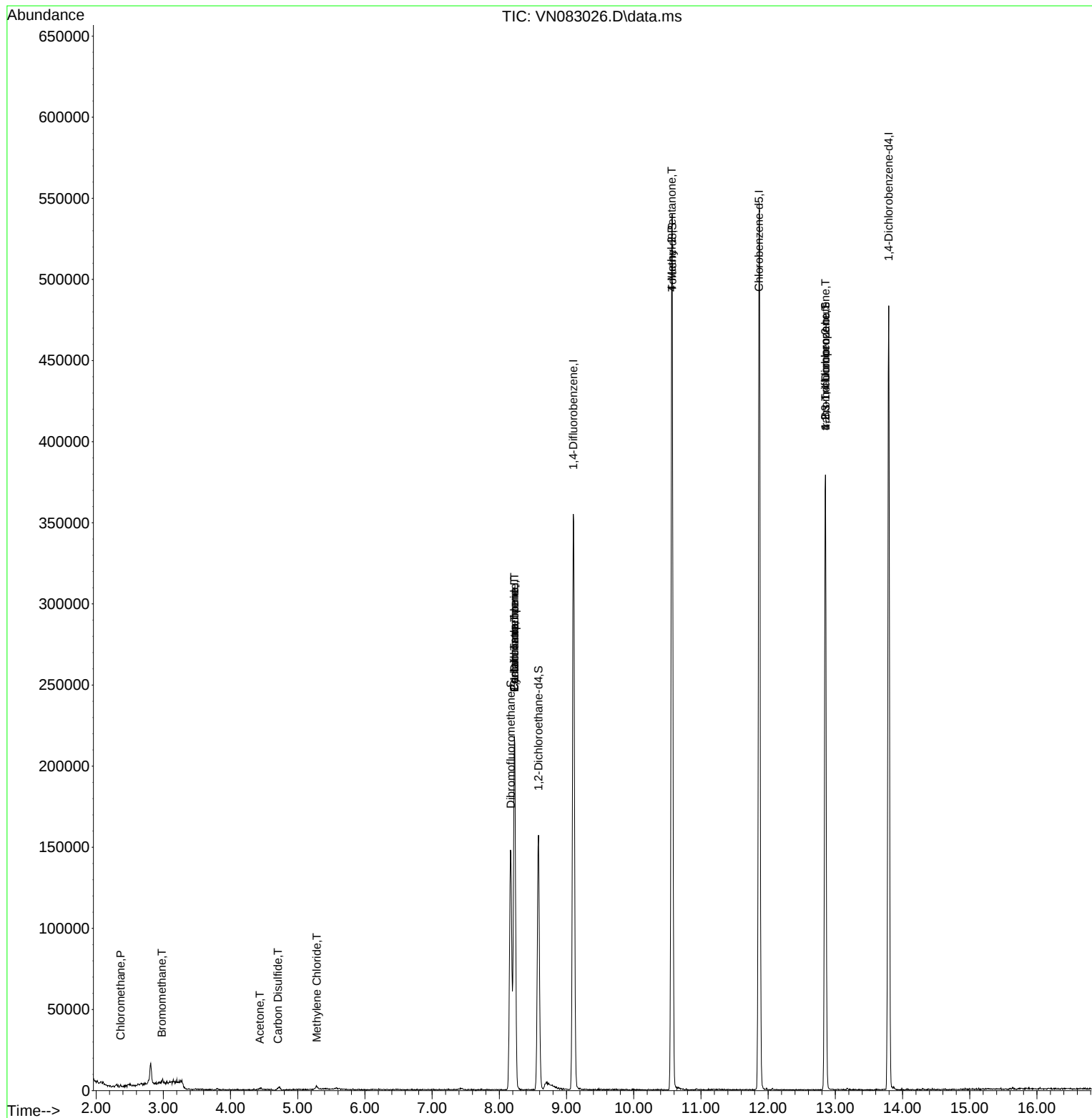
Internal Standards						
1) Pentafluorobenzene	8.224	168	152280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124537	58.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.680%			
35) Dibromofluoromethane	8.171	113	103605	53.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.320%			
50) Toluene-d8	10.571	98	362488	50.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.660%			
62) 4-Bromofluorobenzene	12.853	95	119962	46.832	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.660%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	768	0.411	ug/l #	83
5) Bromomethane	2.977	94	943	0.666	ug/l	93
16) Acetone	4.436	43	1328	1.767	ug/l #	48
17) Carbon Disulfide	4.706	76	1670	0.360	ug/l #	75
20) Methylene Chloride	5.283	84	1318	0.726	ug/l #	59
31) Cyclohexane	8.224	56	4303	1.542	ug/l #	32
36) 1,1-Dichloropropene	8.224	75	13681	5.139	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16811	5.245	ug/l #	19
43) Isopropyl Acetate	8.712	43	4518	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1679	0.625	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	67185	30.519	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67185	60.022	ug/l #	6

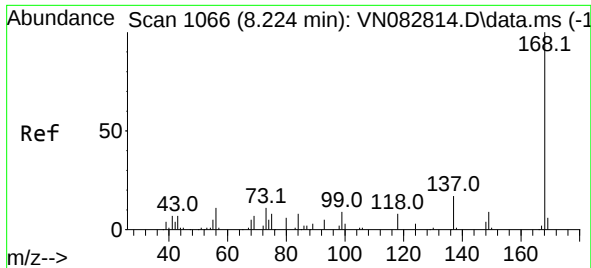
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
Data File : VN083026.D
Acq On : 24 Jul 2024 14:05
Operator : JC\MD
Sample : P3338-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240718

Quant Time: Jul 25 02:38:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

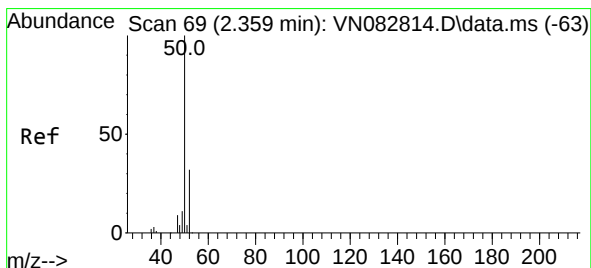
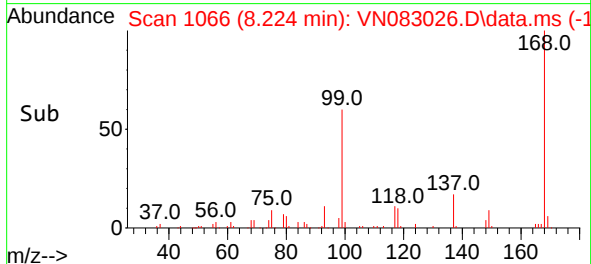
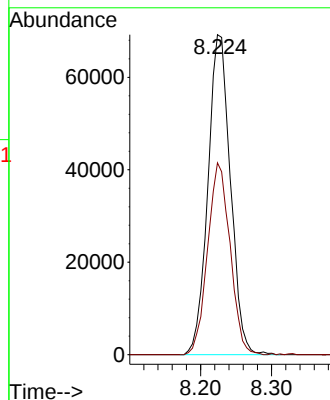
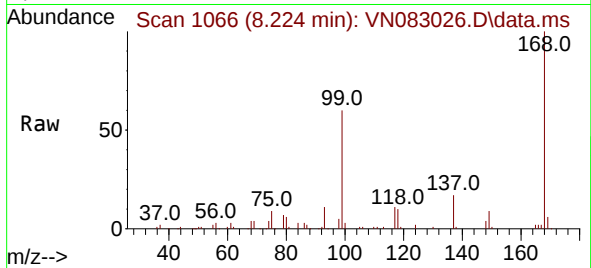




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

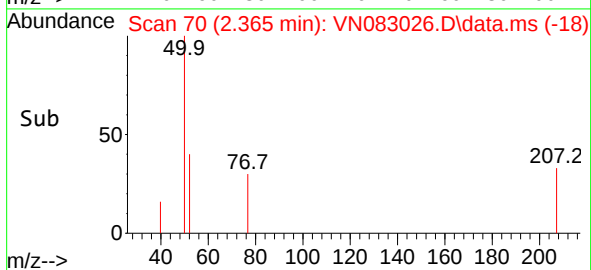
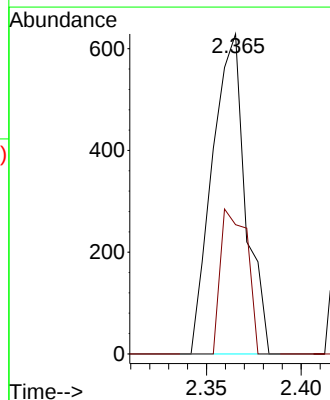
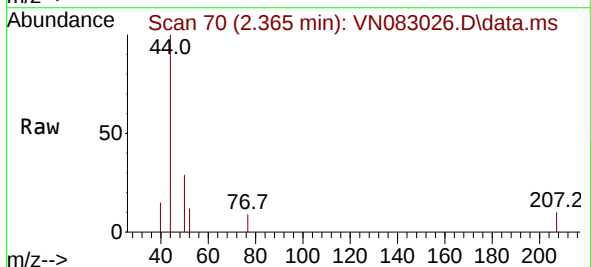
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240718

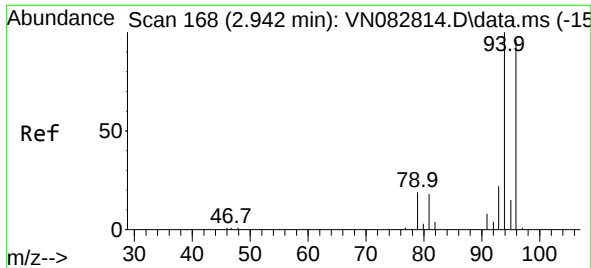
Tgt Ion:168 Resp: 152280
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#3
Chloromethane
Concen: 0.411 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Tgt Ion: 50 Resp: 768
Ion Ratio Lower Upper
50 100
52 40.4 25.0 37.4#





#5

Bromomethane

Concen: 0.666 ug/l

RT: 2.977 min Scan# 11

Delta R.T. 0.030 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

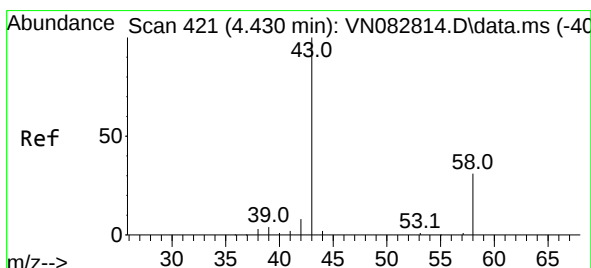
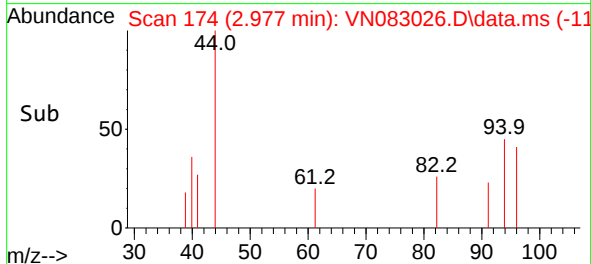
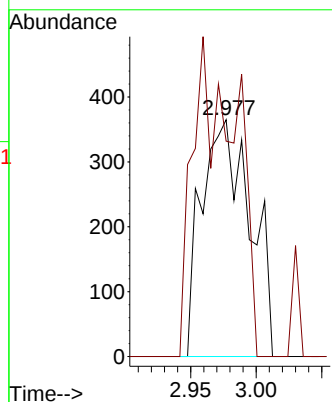
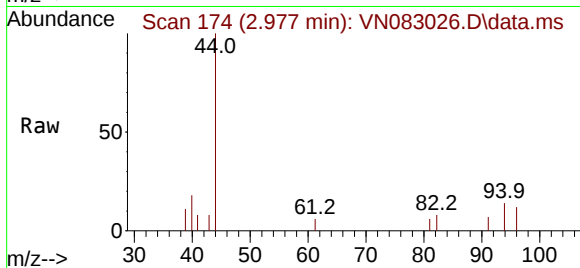
BP-VPB-196-TB-20240718

Tgt Ion: 94 Resp: 943

Ion Ratio Lower Upper

94 100

96 91.0 78.0 117.0



#16

Acetone

Concen: 1.767 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN083026.D

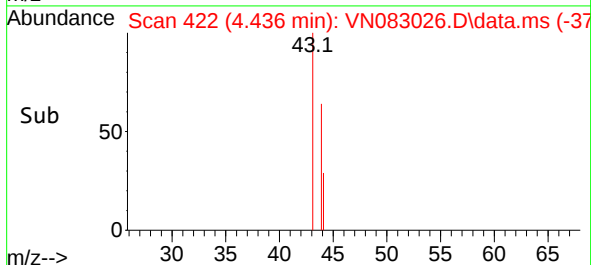
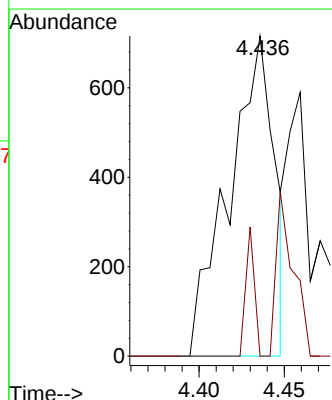
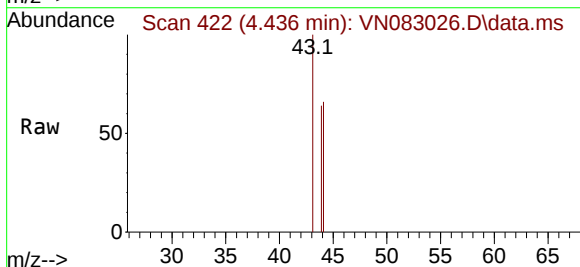
Acq: 24 Jul 2024 14:05

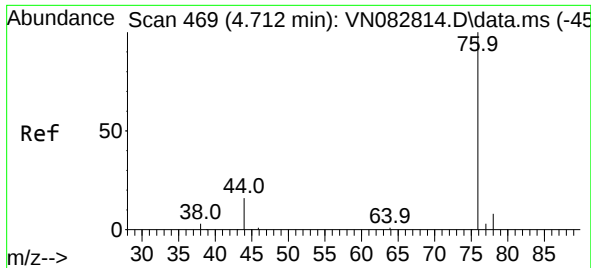
Tgt Ion: 43 Resp: 1328

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#





#17

Carbon Disulfide

Concen: 0.360 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

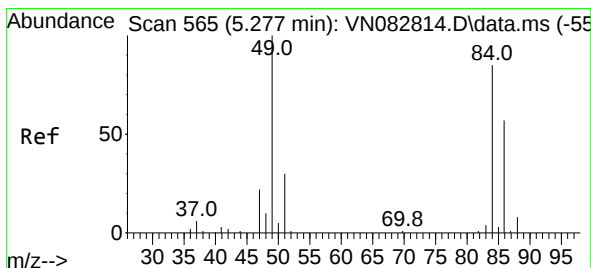
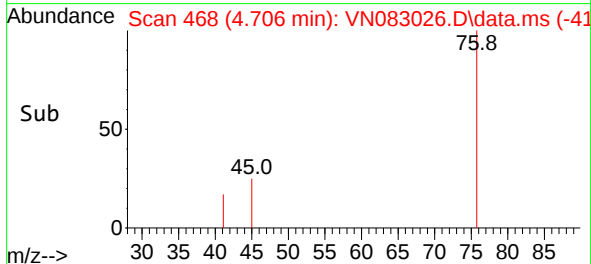
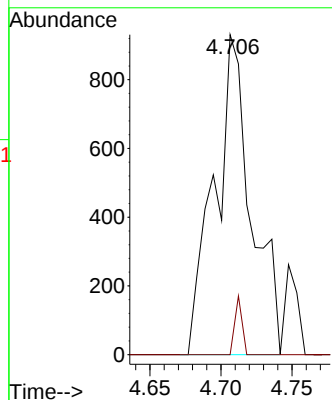
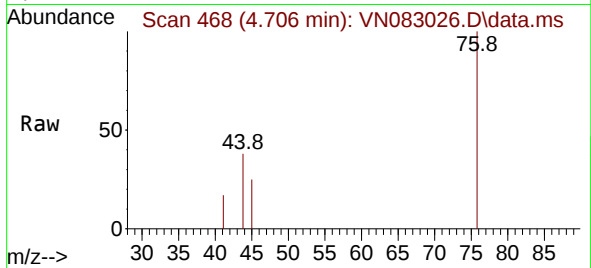
BP-VPB-196-TB-20240718

Tgt Ion: 76 Resp: 1670

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.726 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Tgt Ion: 84 Resp: 1318

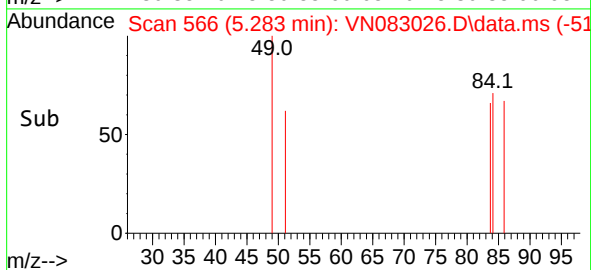
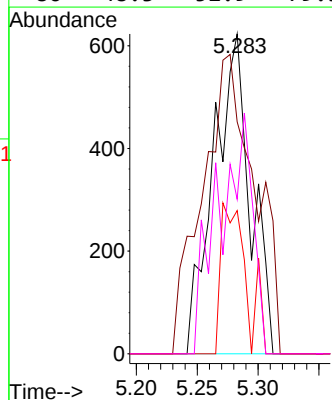
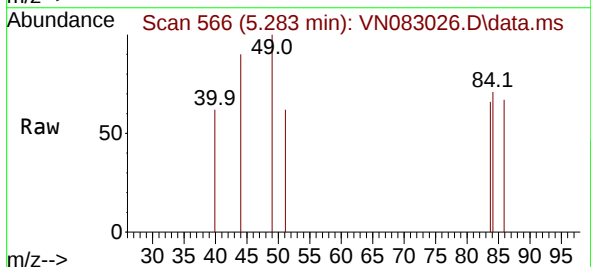
Ion Ratio Lower Upper

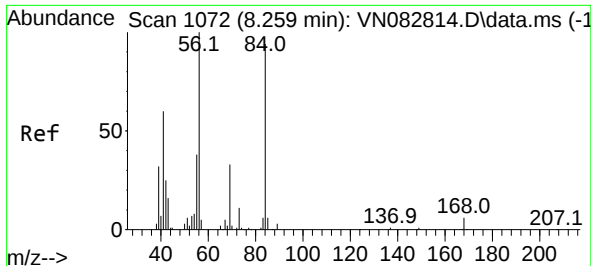
84 100

49 72.6 119.6 179.4#

51 44.8 34.8 52.2

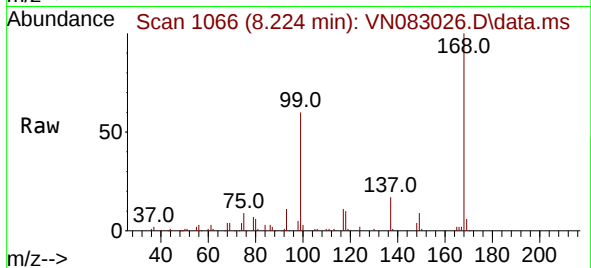
86 48.3 52.9 79.3#



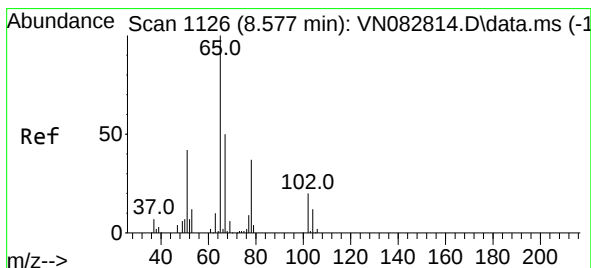
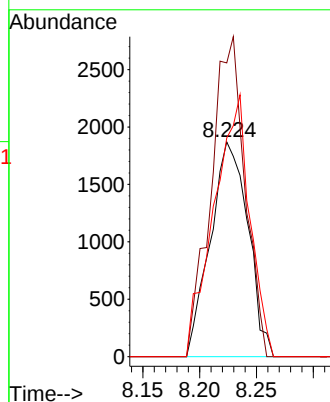
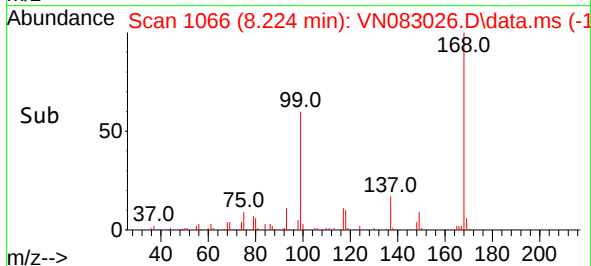


#31
Cyclohexane
Concen: 1.542 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240718

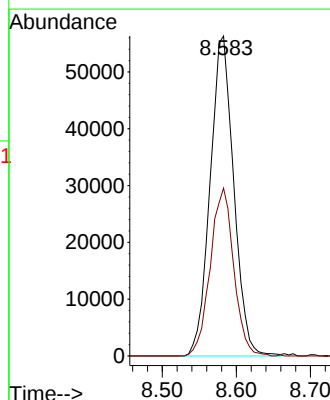
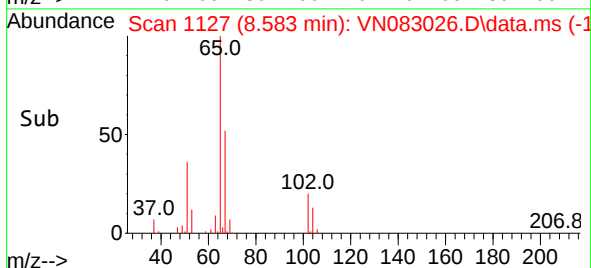
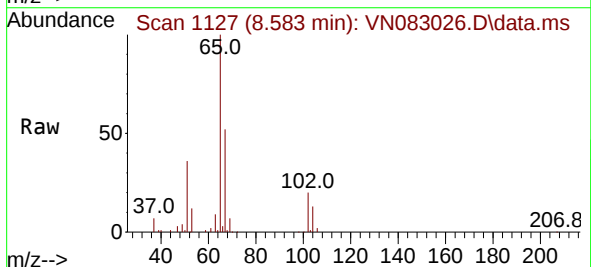


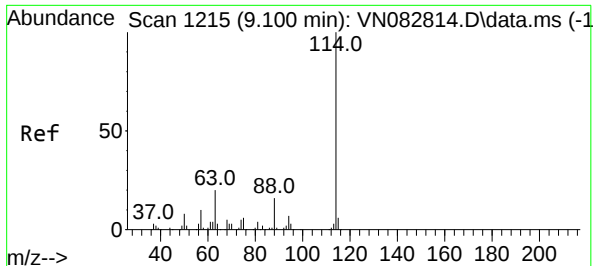
Tgt Ion: 56 Resp: 4303
Ion Ratio Lower Upper
56 100
69 136.8 24.5 36.7#
84 101.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.341 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Tgt Ion: 65 Resp: 124537
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4

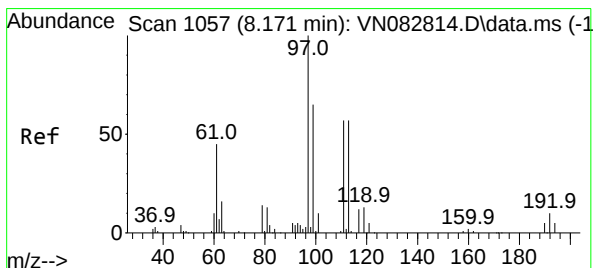
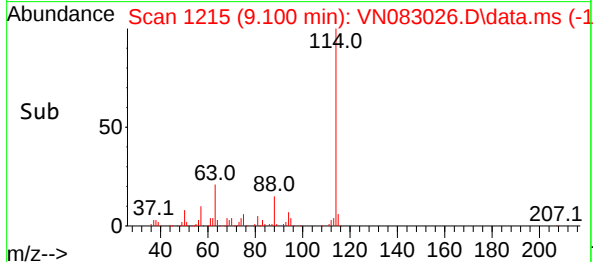
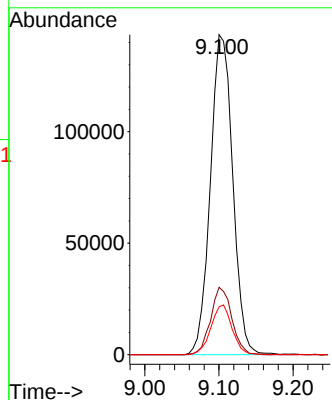
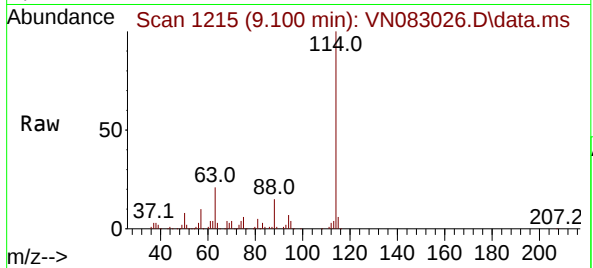




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

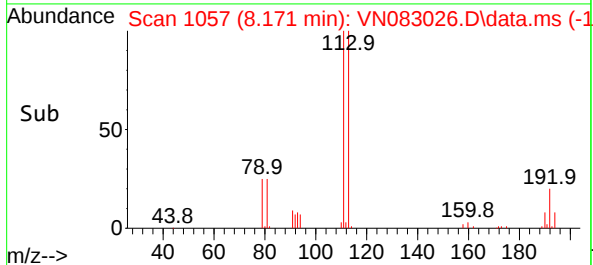
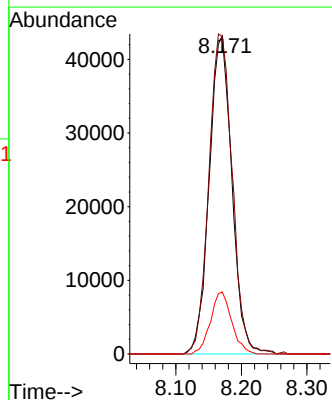
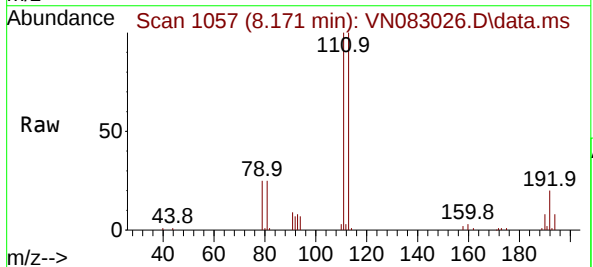
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240718

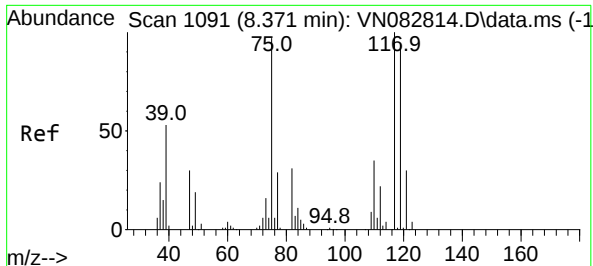
Tgt Ion:114 Resp: 300887
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 14.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.661 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Tgt Ion:113 Resp: 103605
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 18.3 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240718

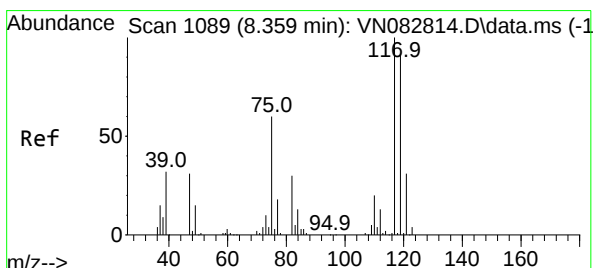
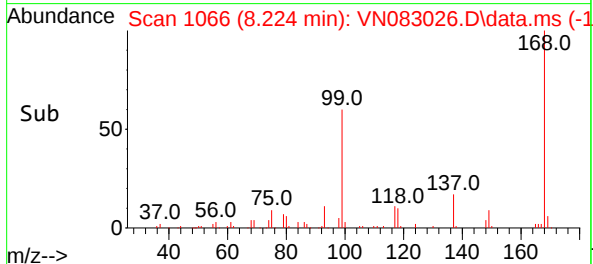
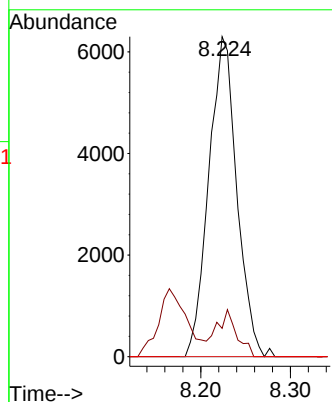
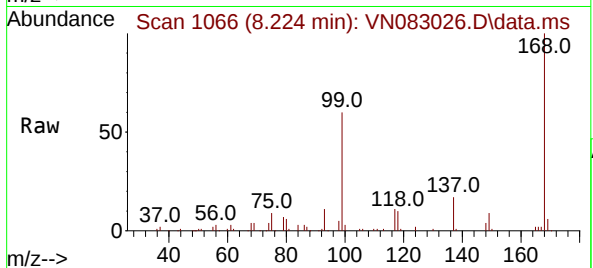
Tgt Ion: 75 Resp: 13681

Ion Ratio Lower Upper

75 100

110 10.5 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.245 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

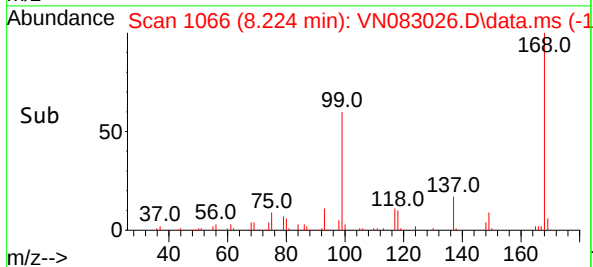
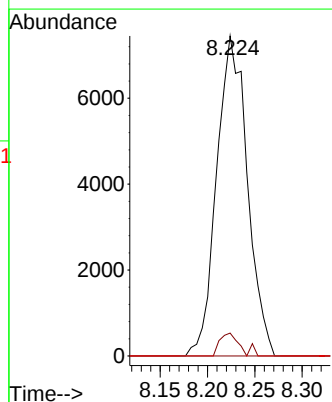
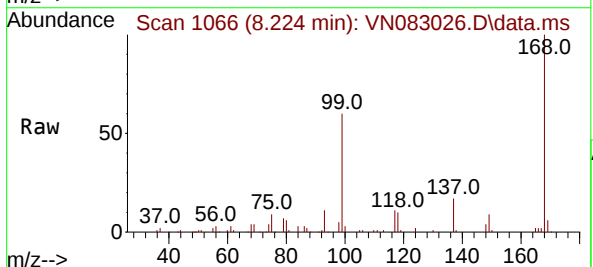
Tgt Ion: 117 Resp: 16811

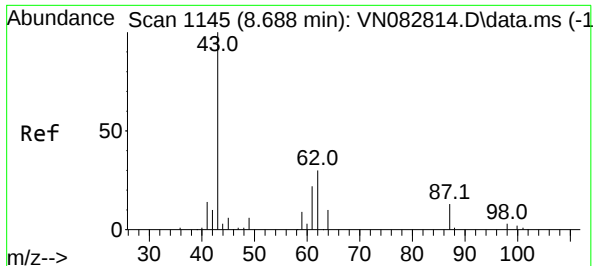
Ion Ratio Lower Upper

117 100

119 7.2 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240718

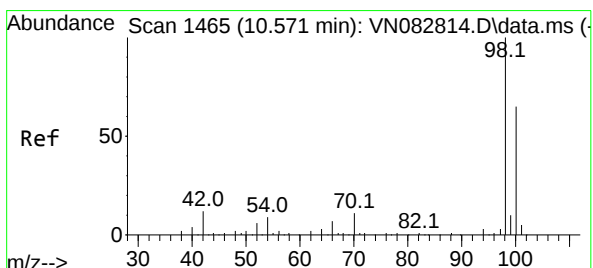
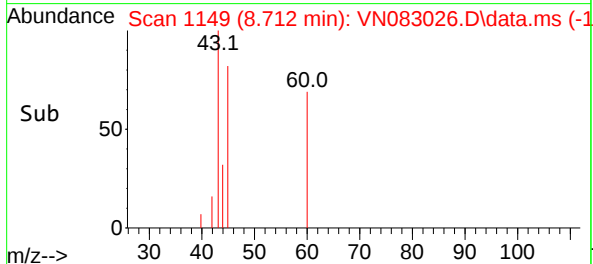
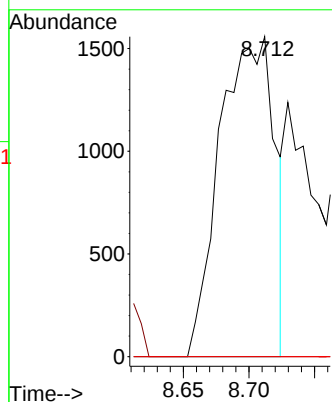
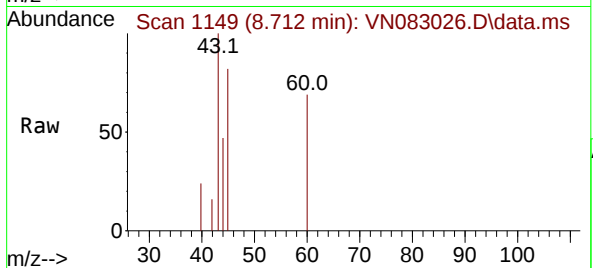
Tgt Ion: 43 Resp: 4518

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 50.832 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083026.D

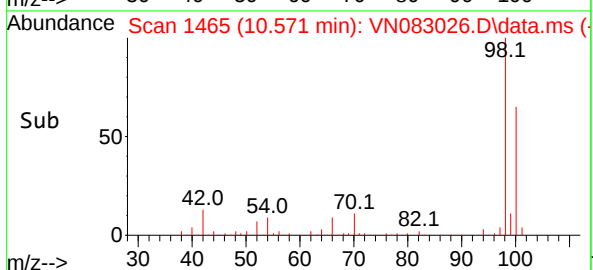
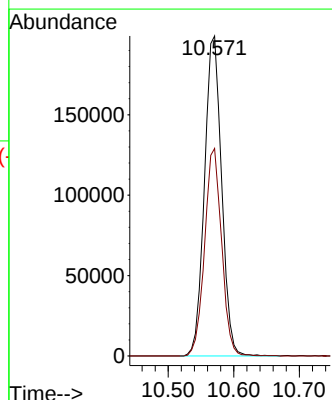
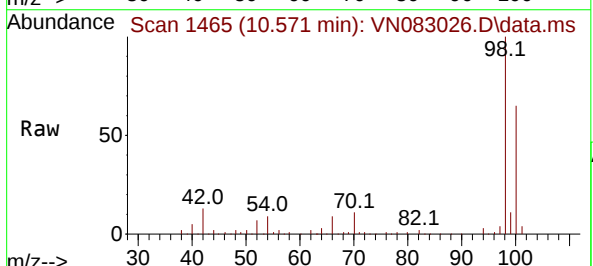
Acq: 24 Jul 2024 14:05

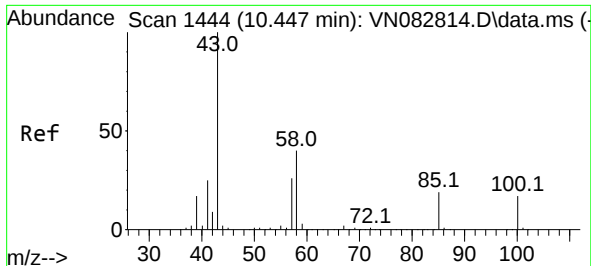
Tgt Ion: 98 Resp: 362488

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3

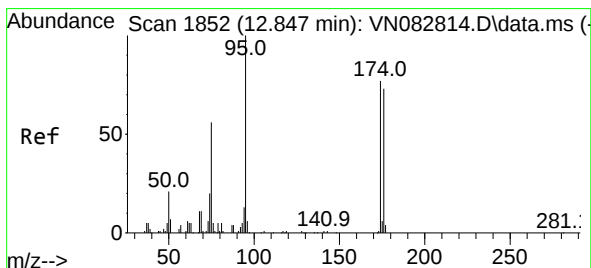
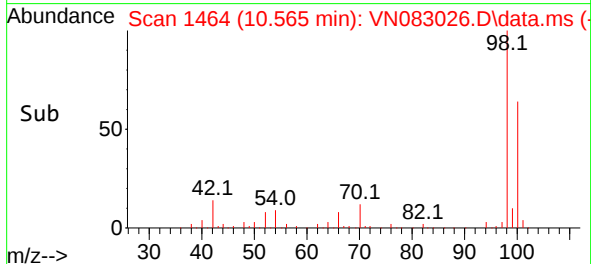
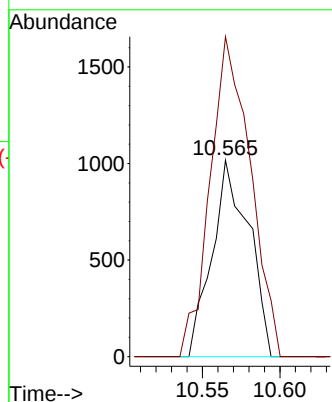
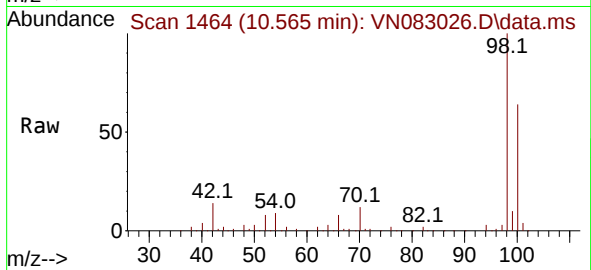




#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

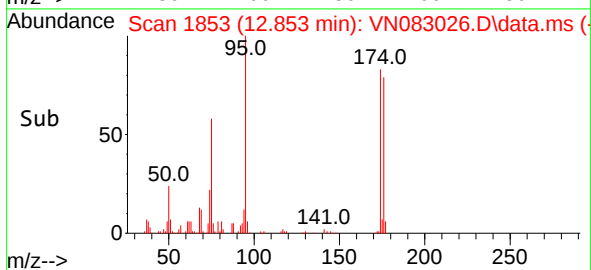
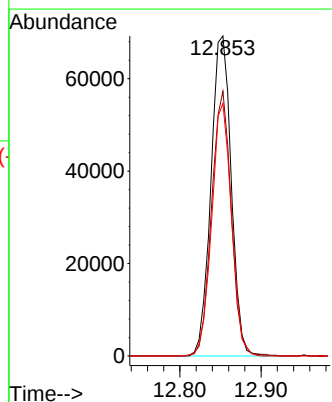
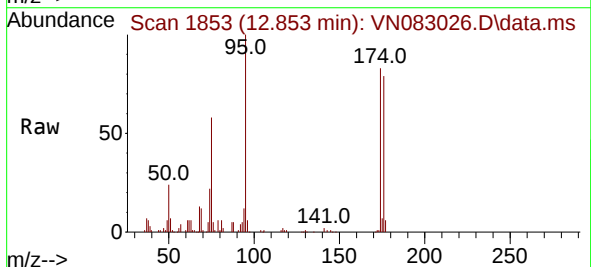
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240718

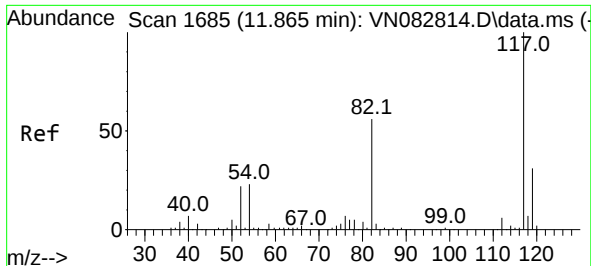
Tgt Ion: 43 Resp: 1679
Ion Ratio Lower Upper
43 100
58 178.1 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 46.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Tgt Ion: 95 Resp: 119962
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.2
176 77.0 0.0 147.6

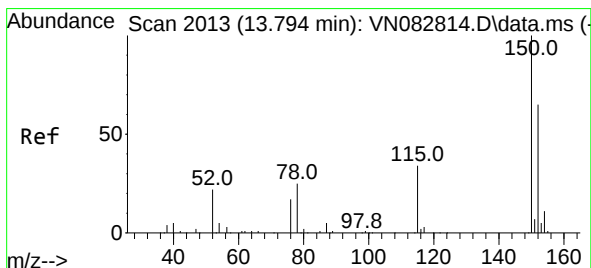
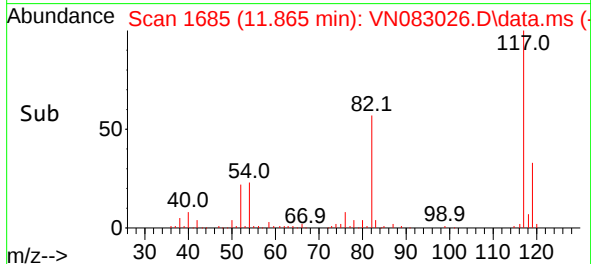
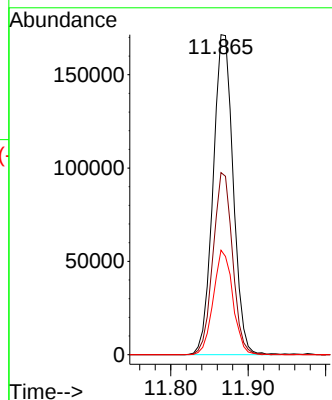
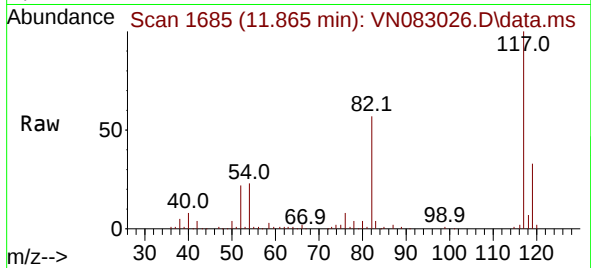




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

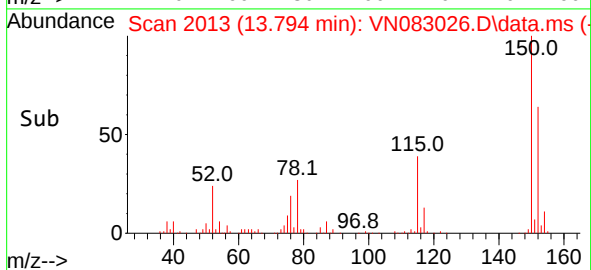
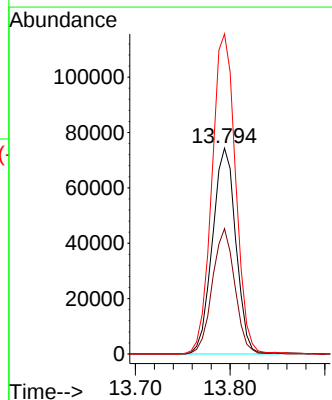
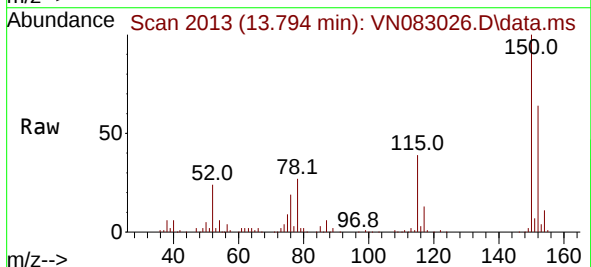
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240718

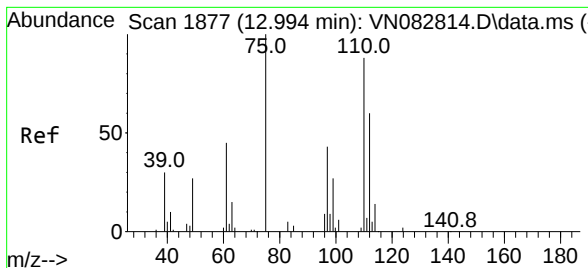
Tgt Ion:117 Resp: 308738
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Tgt Ion:152 Resp: 127688
Ion Ratio Lower Upper
152 100
115 58.6 30.6 91.6
150 157.3 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 30.519 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

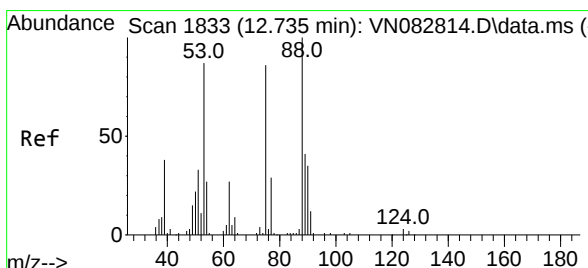
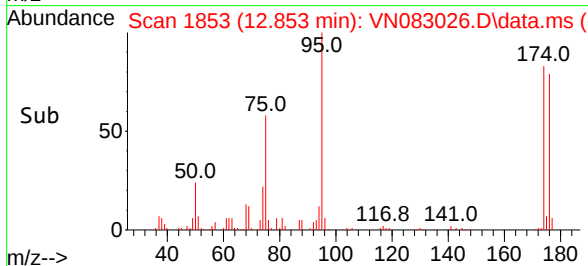
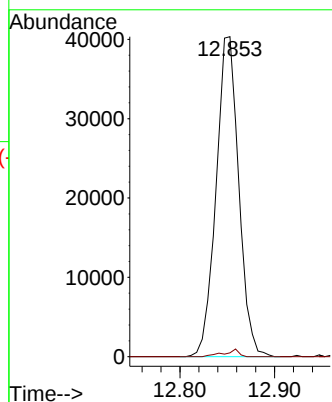
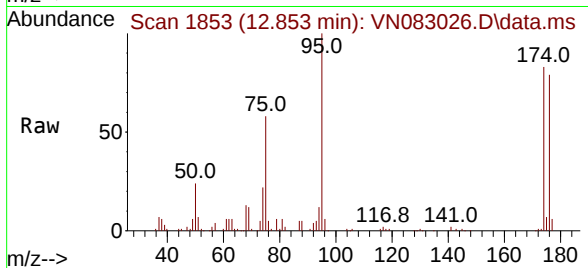
BP-VPB-196-TB-20240718

Tgt Ion: 75 Resp: 67185

Ion Ratio Lower Upper

75 100

77 1.5 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.022 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Tgt Ion: 75 Resp: 67185

Ion Ratio Lower Upper

75 100

53 0.1 88.4 132.6#

89 0.0 36.3 54.5#

