

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085454.D
 Acq On : 15 Jan 2025 12:14
 Operator : JC\MD
 Sample : Q1062-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-EB-20250107

Quant Time: Jan 16 00:56:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

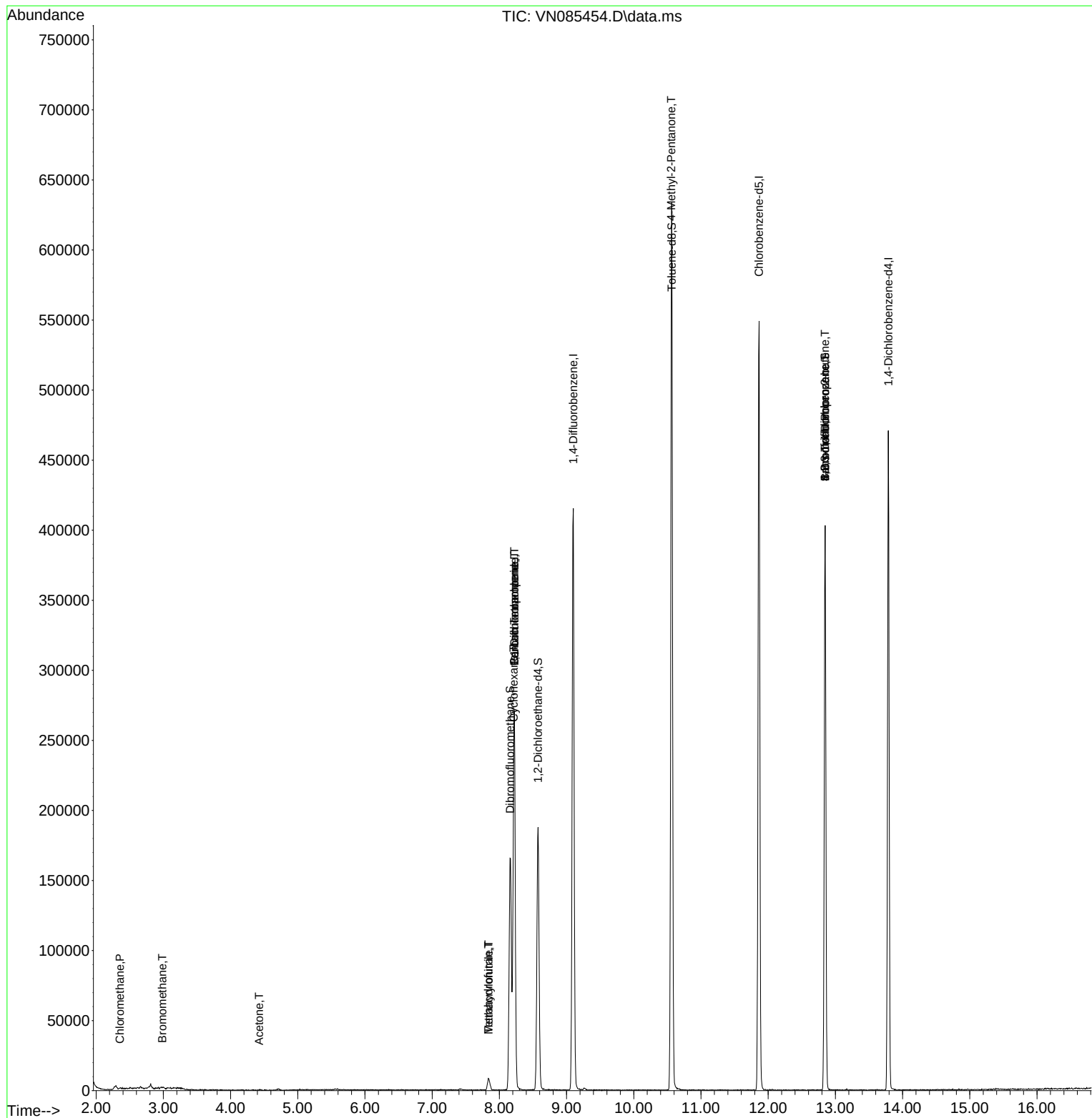
Internal Standards						
1) Pentafluorobenzene	8.224	168	185335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160466	53.637	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.280%			
35) Dibromofluoromethane	8.159	113	118687	50.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	10.565	98	415115	49.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.920%			
62) 4-Bromofluorobenzene	12.847	95	132424	46.589	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.180%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	690	0.254	ug/l #	41
5) Bromomethane	2.983	94	828	0.502	ug/l	99
16) Acetone	4.424	43	268	0.277	ug/l #	45
29) Tetrahydrofuran	7.835	42	5881	6.521	ug/l	97
31) Cyclohexane	8.212	56	5156	1.358	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	16745	5.102	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21146	5.627	ug/l #	17
41) Methacrylonitrile	7.841	41	3926	2.278	ug/l #	47
51) 4-Methyl-2-Pentanone	10.559	43	1993	0.647	ug/l #	1
71) Bromoform	12.847	173	1009	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	75558	31.589	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75558	85.467	ug/l #	3

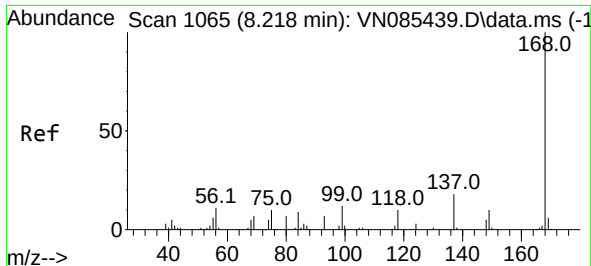
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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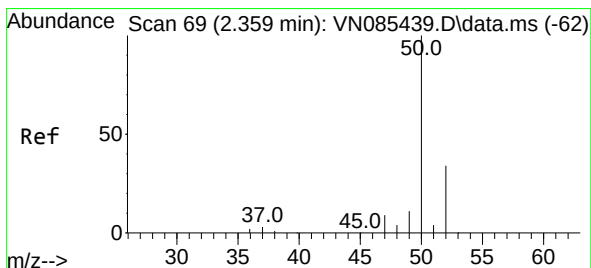
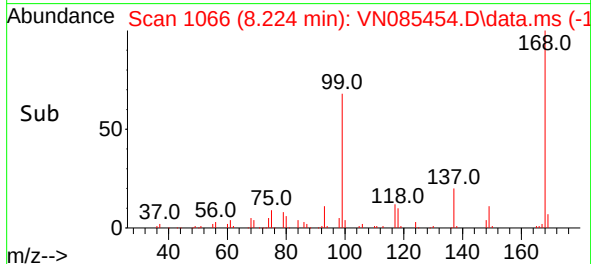
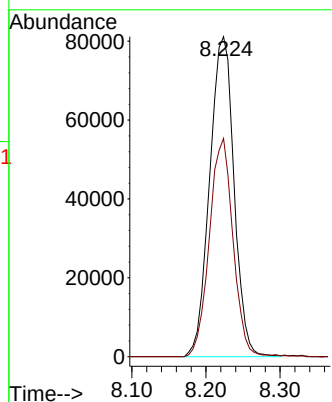
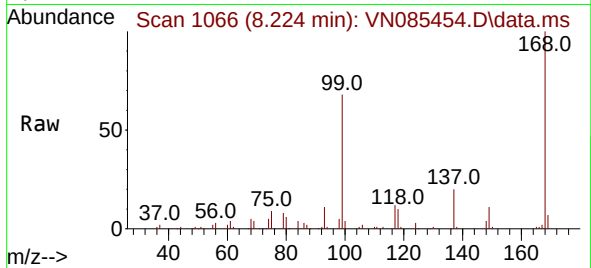




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

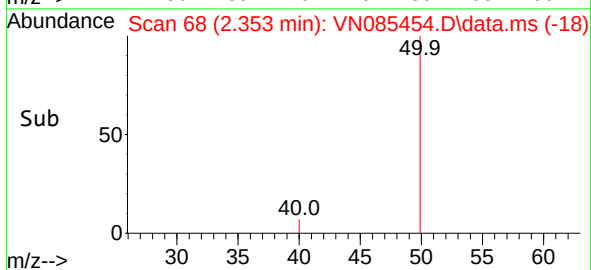
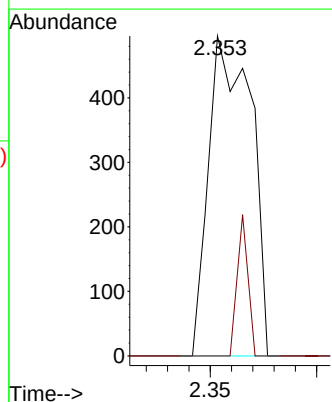
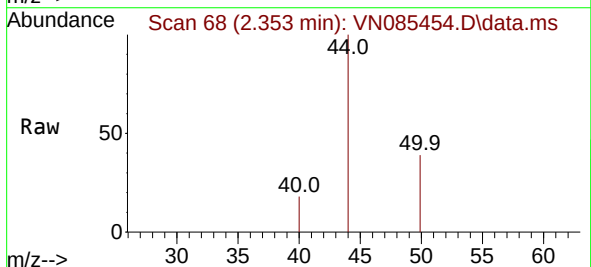
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-EB-20250107

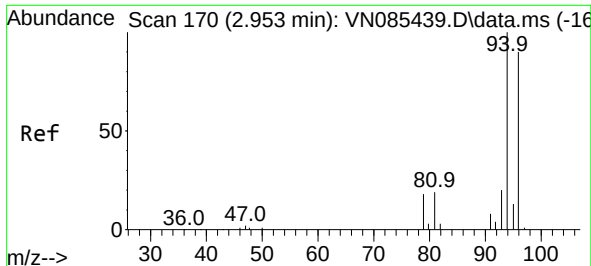
Tgt Ion:168 Resp: 185335
Ion Ratio Lower Upper
168 100
99 68.2 53.6 80.4



#3
Chloromethane
Concen: 0.254 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 50 Resp: 690
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

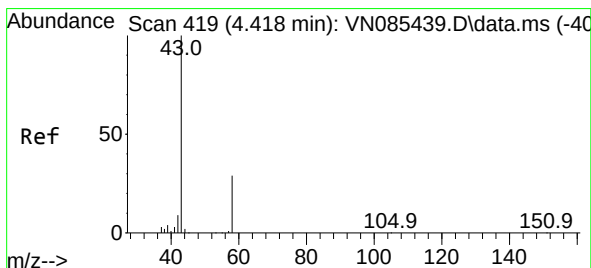
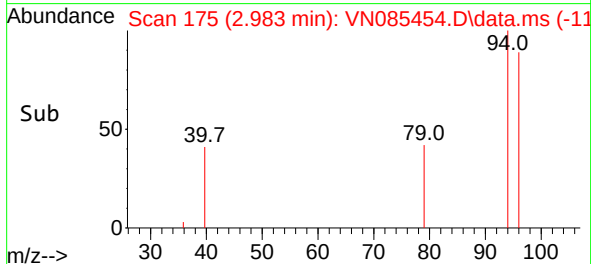
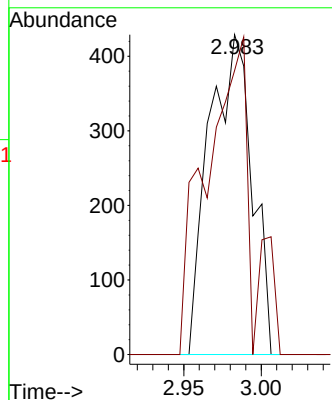
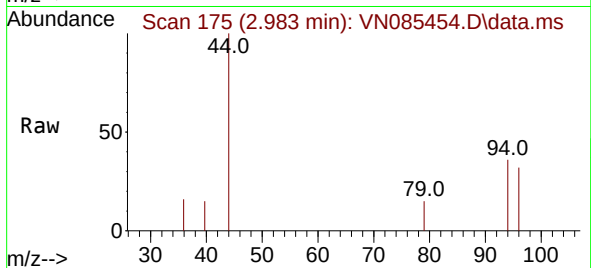




#5
Bromomethane
Concen: 0.502 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

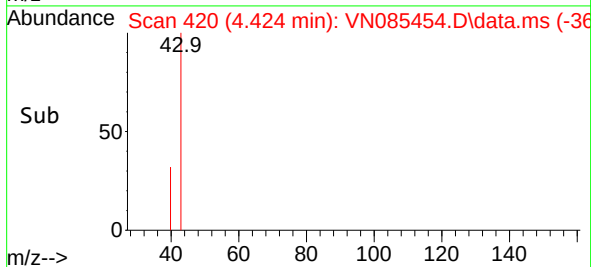
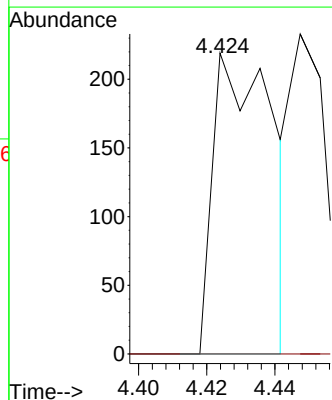
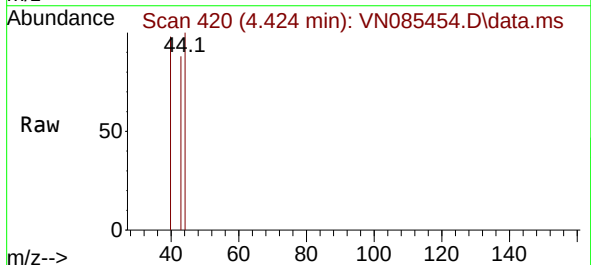
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-EB-20250107

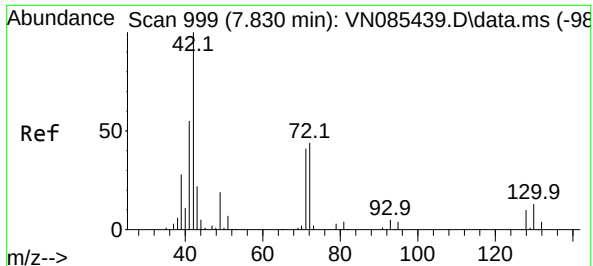
Tgt Ion: 94 Resp: 828
Ion Ratio Lower Upper
94 100
96 88.8 71.8 107.6



#16
Acetone
Concen: 0.277 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#





#29

Tetrahydrofuran

Concen: 6.521 ug/l

RT: 7.835 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VN085454.D

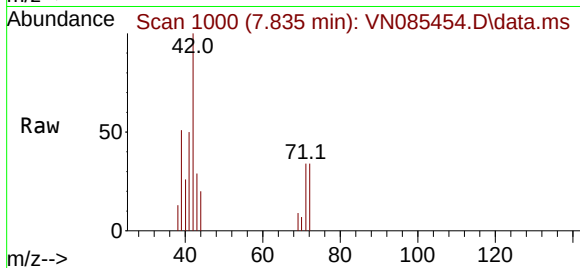
Acq: 15 Jan 2025 12:14

Instrument :

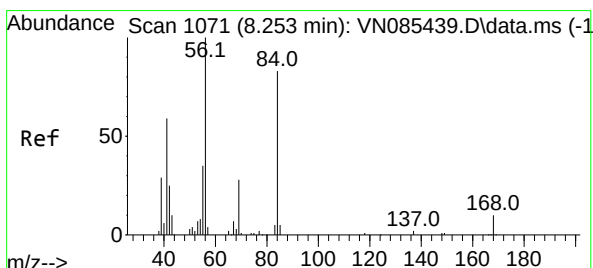
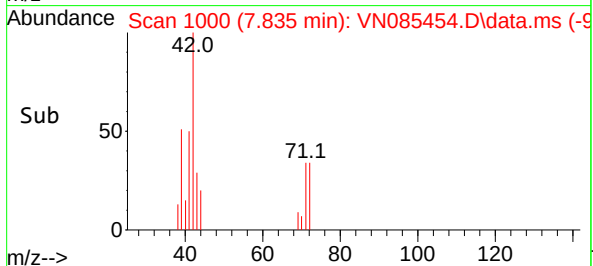
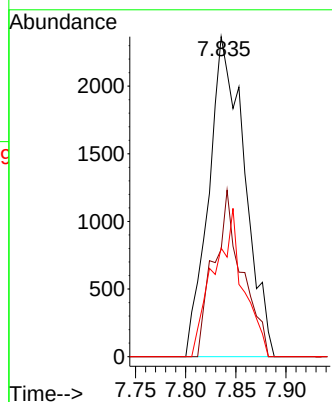
MSVOA_N

ClientSampleId :

BP-VPB-190A-EB-20250107



Tgt Ion:	42	Resp:	5881
Ion Ratio	Lower	Upper	
42	100		
72	41.1	34.2	51.2
71	38.2	32.5	48.7



#31

Cyclohexane

Concen: 1.358 ug/l

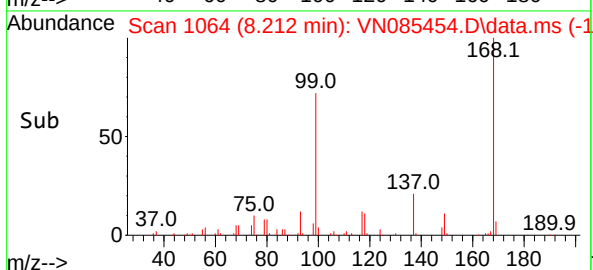
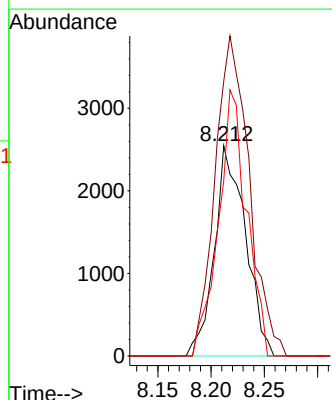
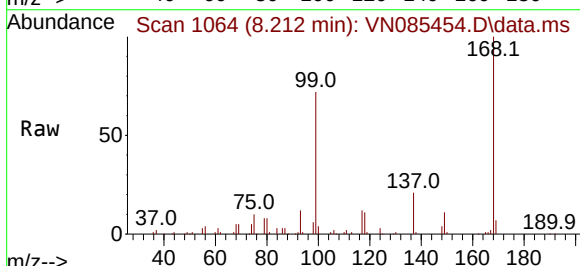
RT: 8.212 min Scan# 1064

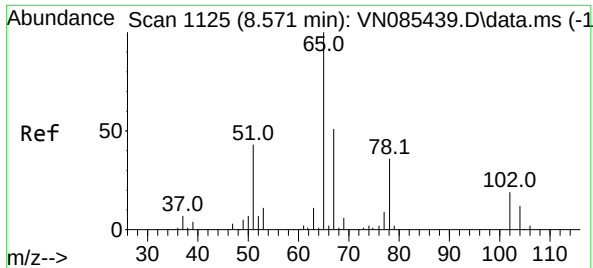
Delta R.T. -0.041 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

Tgt Ion:	56	Resp:	5156
Ion Ratio	Lower	Upper	
56	100		
69	130.7	22.2	33.4#
84	83.2	66.4	99.6





#33

1,2-Dichloroethane-d4

Concen: 53.637 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

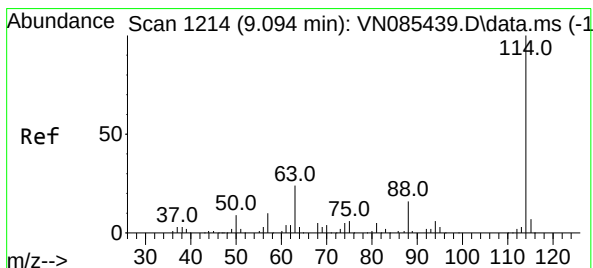
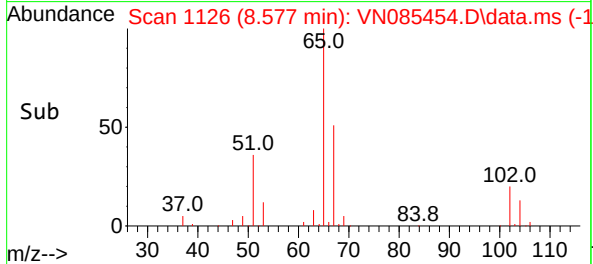
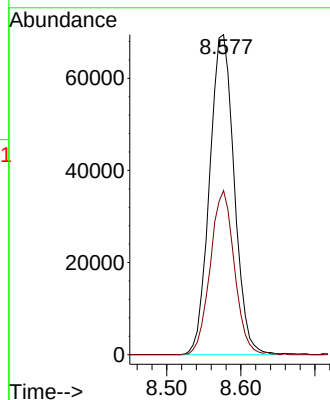
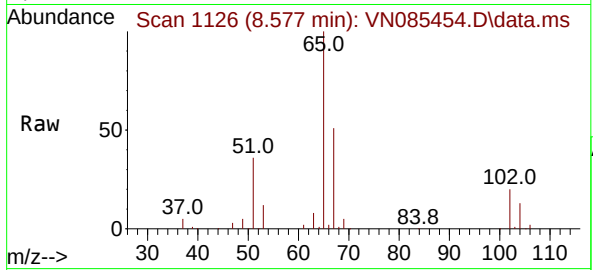
BP-VPB-190A-EB-20250107

Tgt Ion: 65 Resp: 160466

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

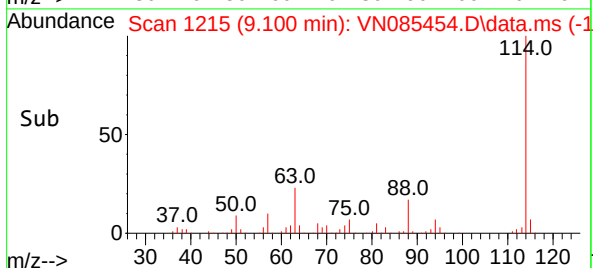
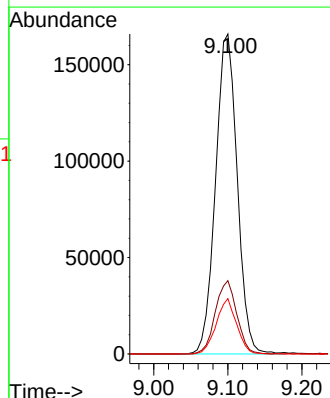
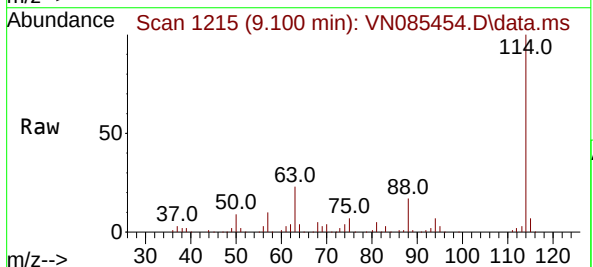
Tgt Ion: 114 Resp: 337105

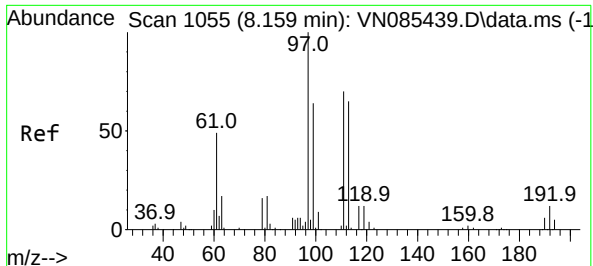
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

88 17.3 0.0 32.6

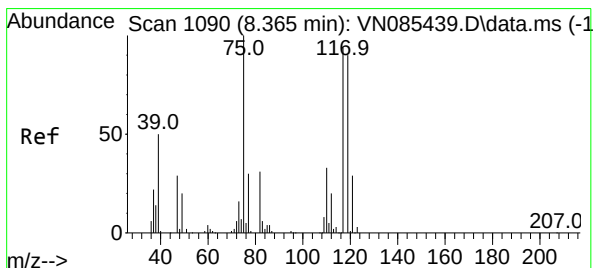
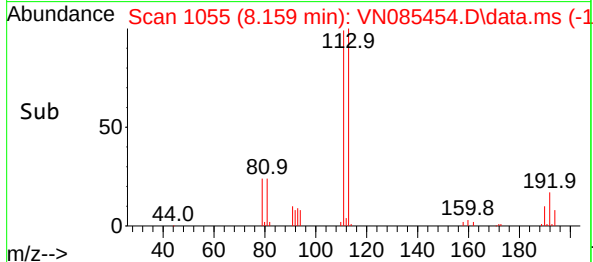
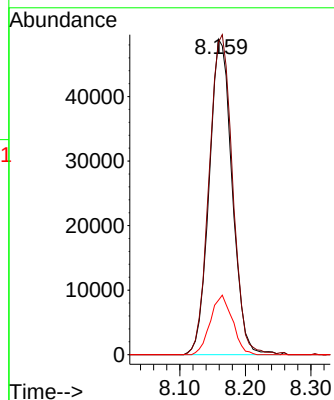
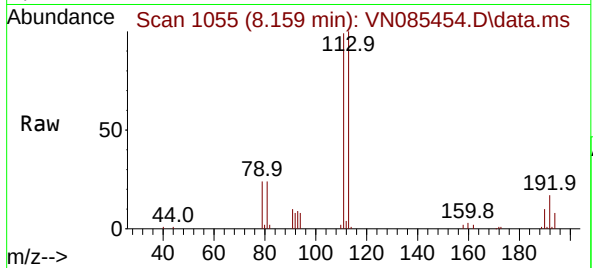




#35
Dibromofluoromethane
Concen: 50.750 ug/l
RT: 8.159 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

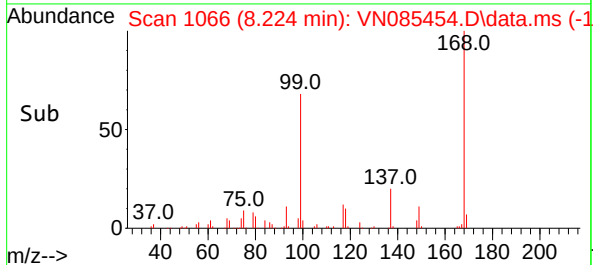
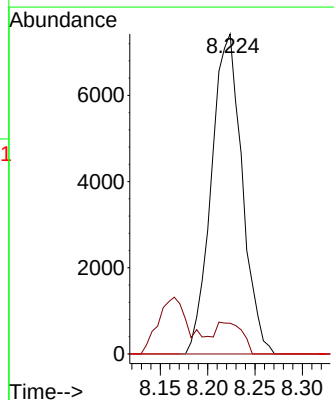
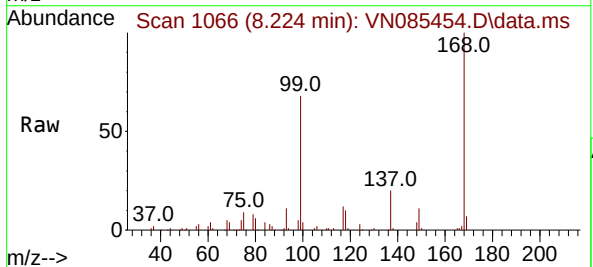
Instrument :
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ClientSampleId :
BP-VPB-190A-EB-20250107

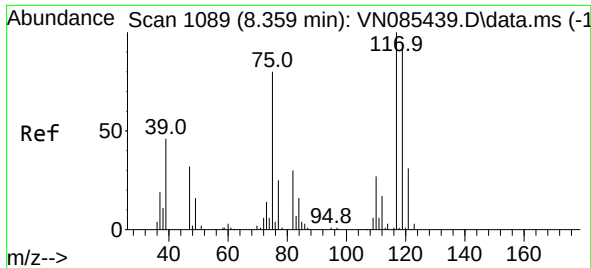
Tgt Ion:113 Resp: 118687
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 18.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

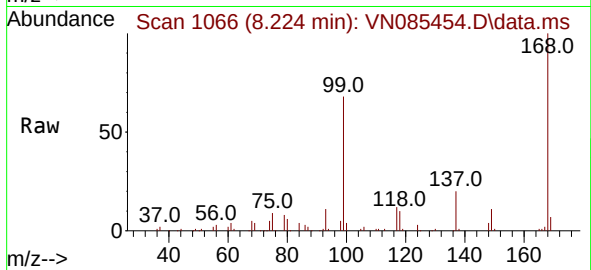
Tgt Ion: 75 Resp: 16745
Ion Ratio Lower Upper
75 100
110 7.9 16.5 49.5#
77 0.0 24.4 36.6#



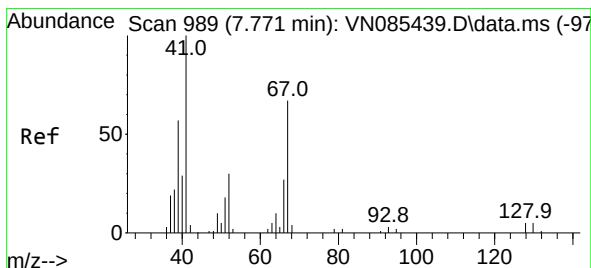
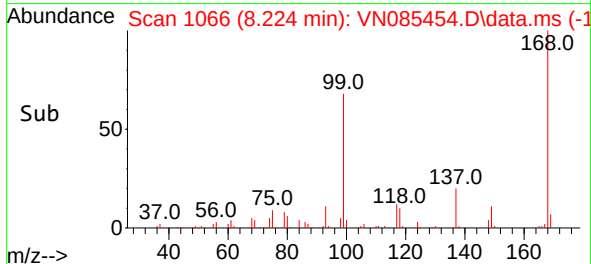
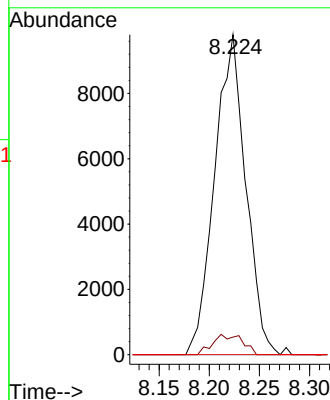


#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 8.224 min Scan# 1001
Delta R.T. -0.135 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

Instrument : MSVOA_N
ClientSampleId : BP-VPB-190A-EB-20250107

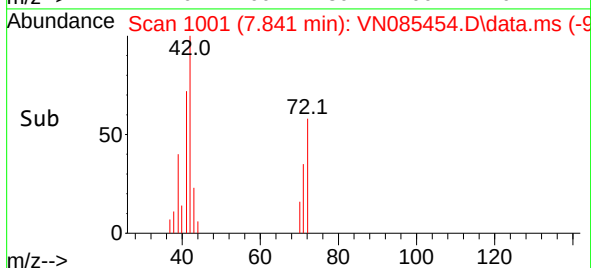
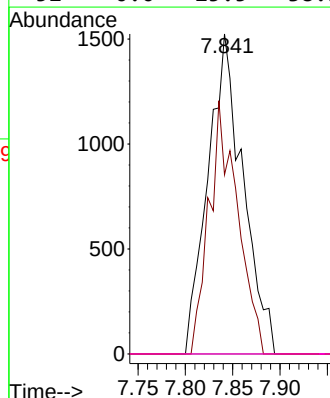
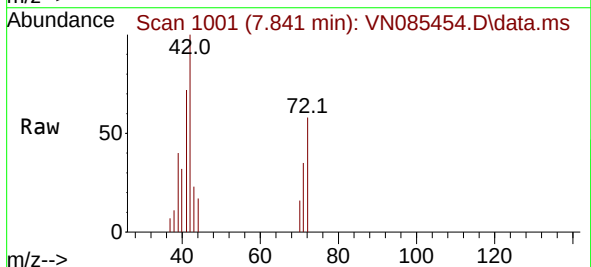


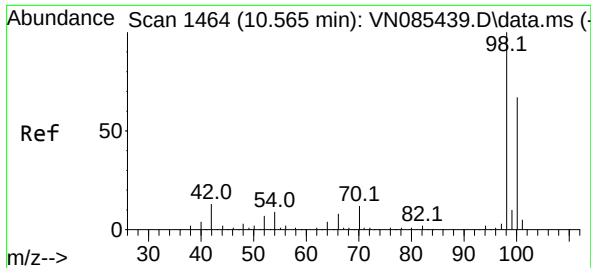
Tgt Ion: 117 Resp: 21146
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 2.278 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.070 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 41 Resp: 3926
Ion Ratio Lower Upper
41 100
39 64.2 46.0 69.0
67 0.0 57.4 86.2#
52 0.0 25.5 38.3#

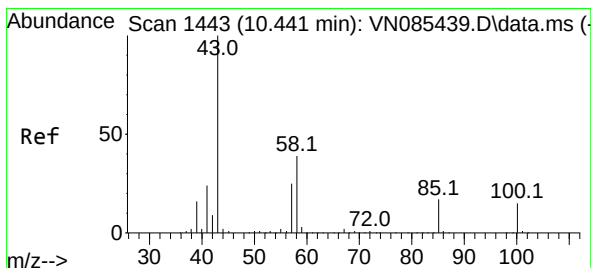
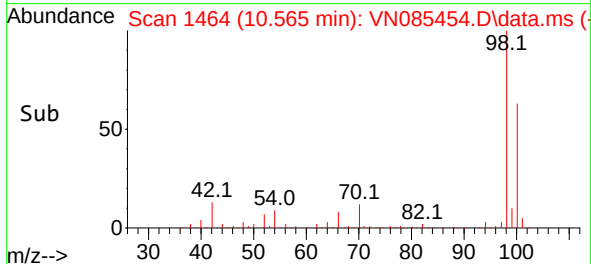
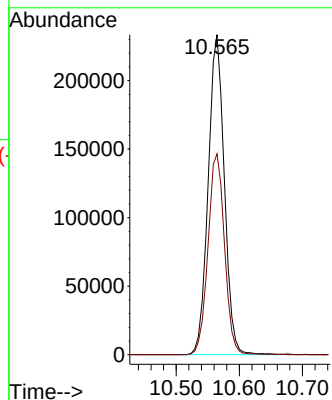
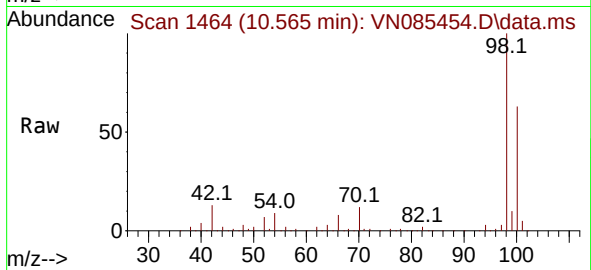




#50
Toluene-d8
Concen: 49.958 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

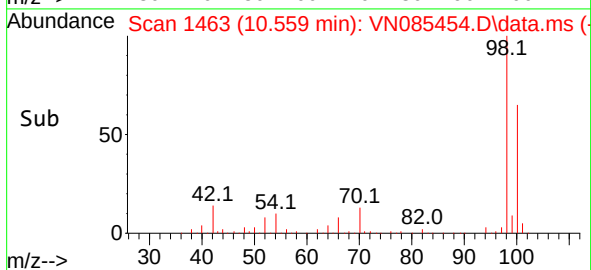
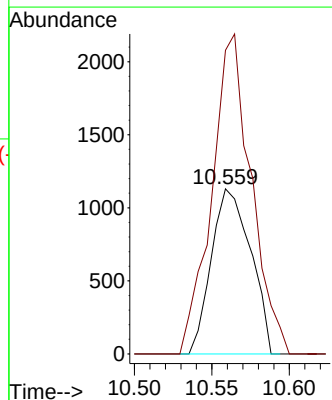
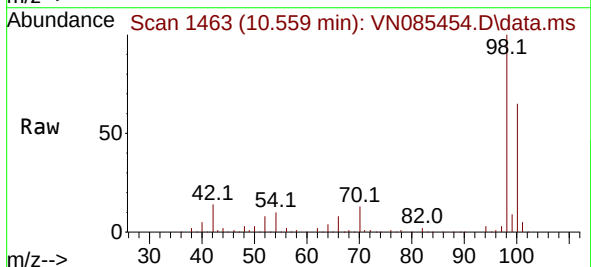
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-EB-20250107

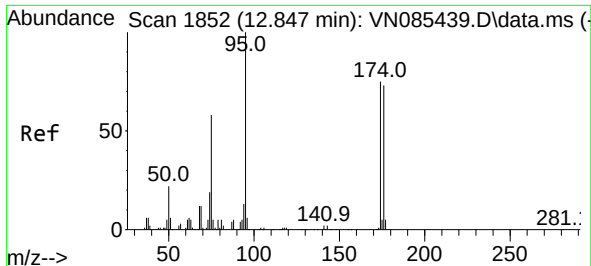
Tgt Ion: 98 Resp: 415115
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 194.2 30.5 45.7#

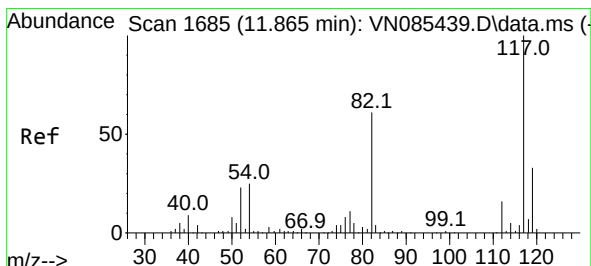
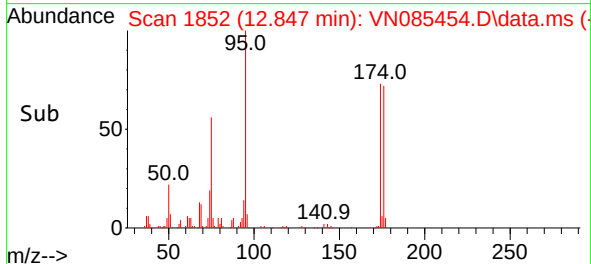
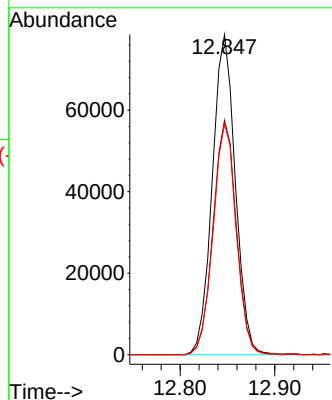
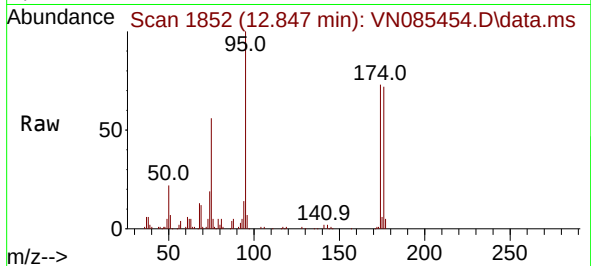




#62
4-Bromofluorobenzene
Concen: 46.589 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

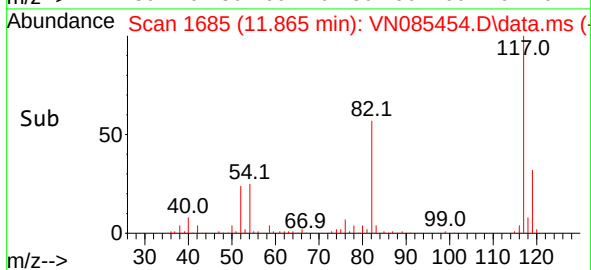
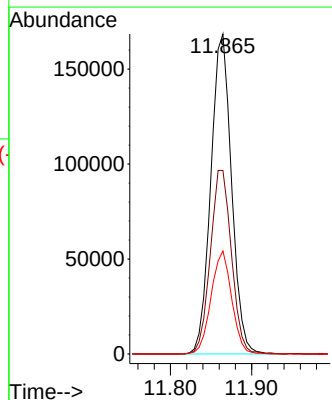
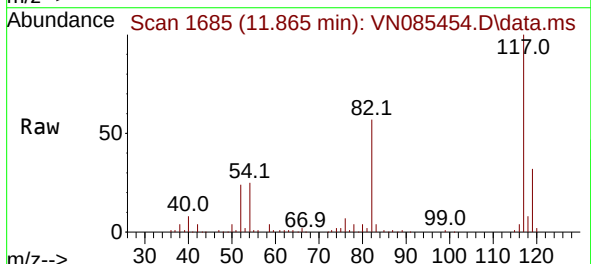
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-EB-20250107

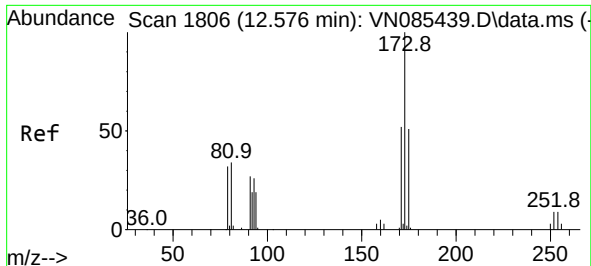
Tgt Ion:	95	Resp:	132424
Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	145.0
176	72.4	0.0	142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

Tgt Ion:	117	Resp:	298295
Ion	Ratio	Lower	Upper
117	100		
82	57.4	48.6	72.8
119	32.2	26.6	39.8

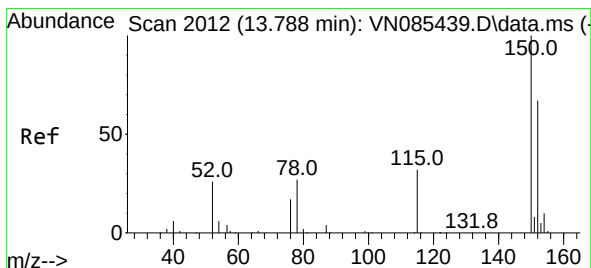
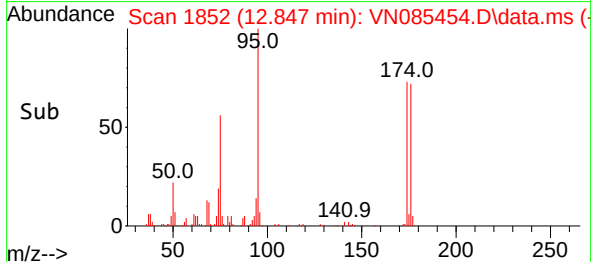
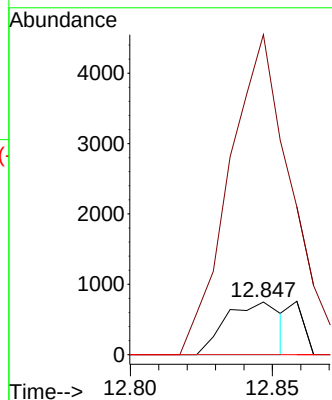
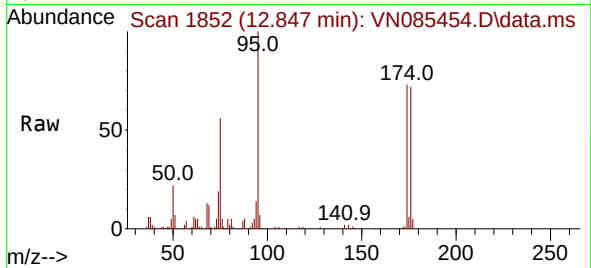




#71
Bromoform
Concen: 0.588 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

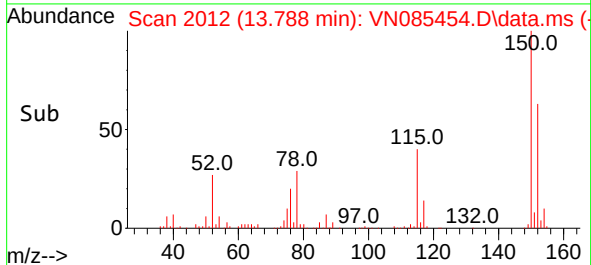
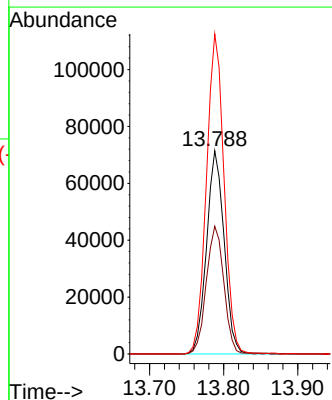
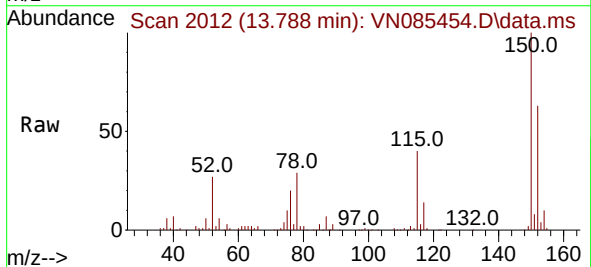
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-EB-20250107

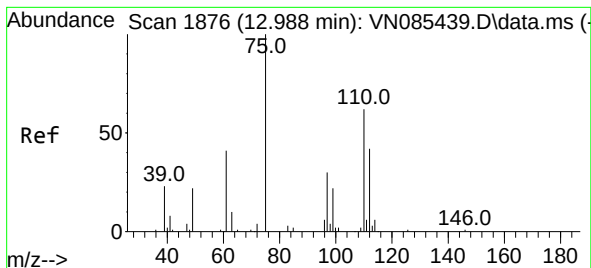
Tgt Ion:173 Resp: 1009
Ion Ratio Lower Upper
173 100
175 555.8 24.4 73.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085454.D
Acq: 15 Jan 2025 12:14

Tgt Ion:152 Resp: 117680
Ion Ratio Lower Upper
152 100
115 62.7 31.1 93.3
150 157.4 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 31.589 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

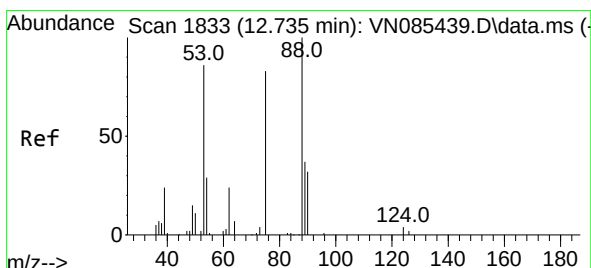
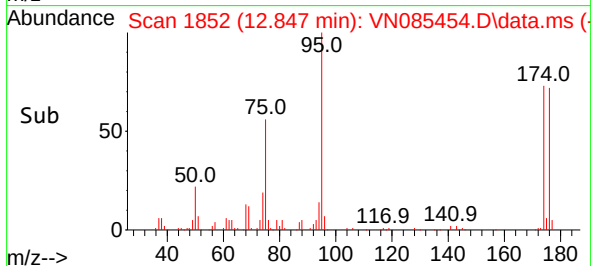
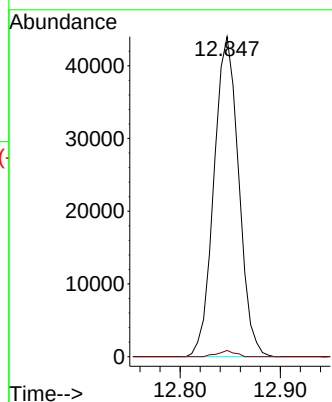
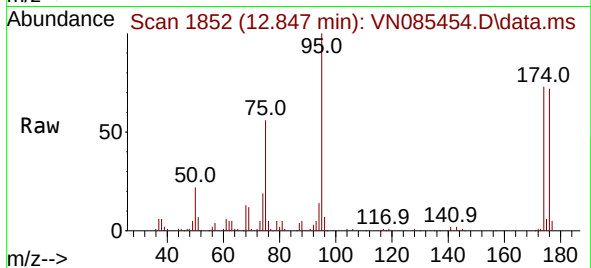
BP-VPB-190A-EB-20250107

Tgt Ion: 75 Resp: 75558

Ion Ratio Lower Upper

75 100

77 1.3 109.7 329.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.467 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

Tgt Ion: 75 Resp: 75558

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 37.0 55.6#

