

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083654.D
 Acq On : 04 Sep 2024 17:06
 Operator : JC\MD
 Sample : P3804-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 02:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

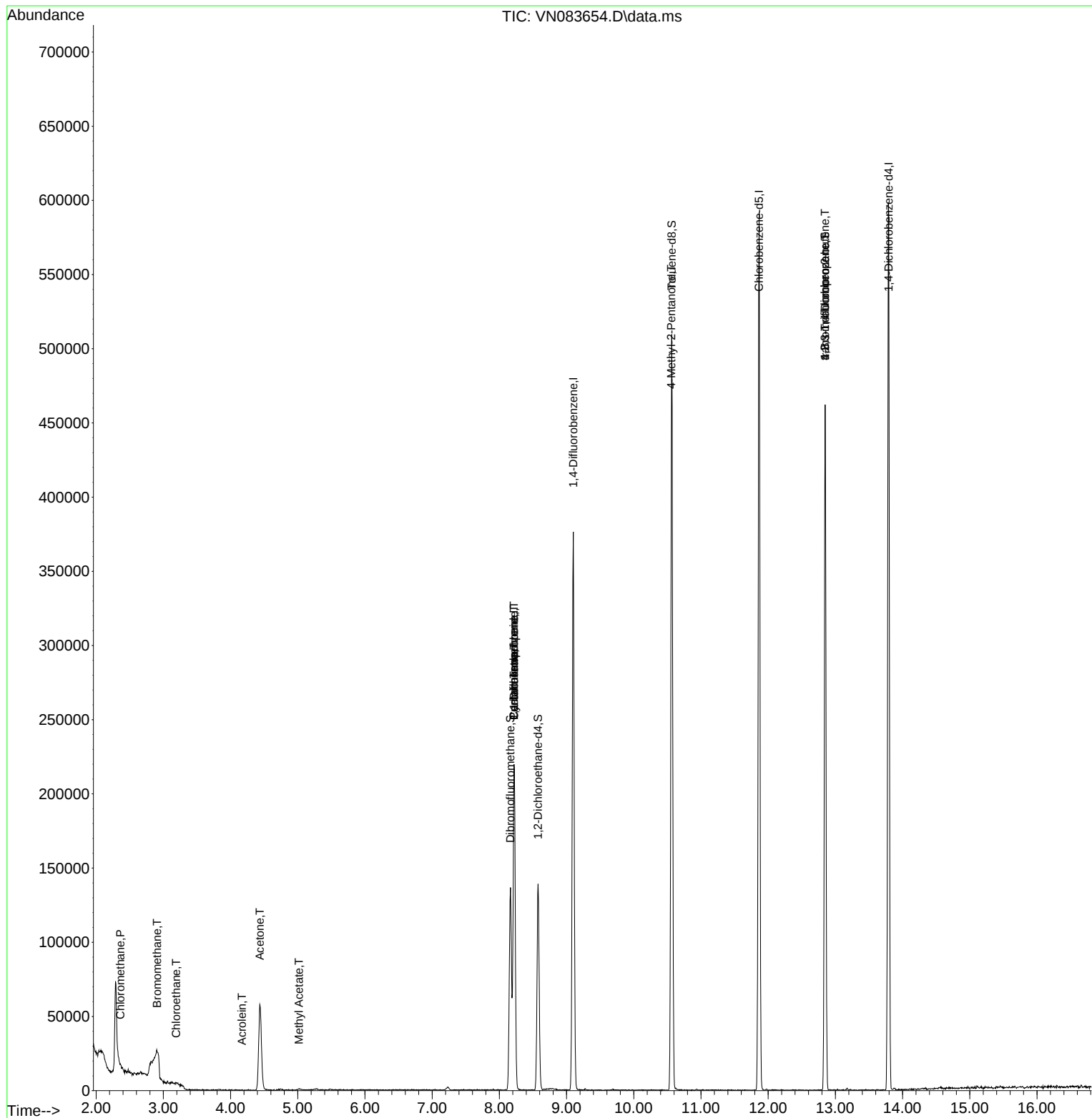
Internal Standards						
1) Pentafluorobenzene	8.218	168	153238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118251	55.215	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.420%		
35) Dibromofluoromethane	8.165	113	95763	51.939	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.880%		
50) Toluene-d8	10.565	98	341065	47.507	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.020%		
62) 4-Bromofluorobenzene	12.847	95	160024	60.164	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 120.320%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1708	0.904	ug/l #	78
5) Bromomethane	2.906	94	351	0.353	ug/l #	70
6) Chloroethane	3.189	64	3256	2.635	ug/l #	67
13) Acrolein	4.171	56	64	0.203	ug/l #	77
16) Acetone	4.436	43	1590	1.862	ug/l #	45
18) Methyl Acetate	5.018	43	1499	0.660	ug/l #	61
31) Cyclohexane	8.218	56	3693	1.115	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14269	5.074	ug/l #	50
38) Carbon Tetrachloride	8.218	117	17159	5.348	ug/l #	17
43) Isopropyl Acetate	8.700	43	118	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.559	43	1710	0.657	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	89927	28.731	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89927	67.765	ug/l #	9

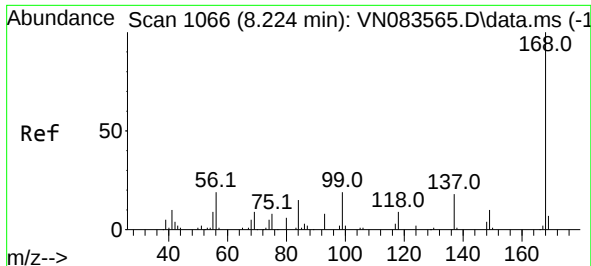
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
Data File : VN083654.D
Acq On : 04 Sep 2024 17:06
Operator : JC\MD
Sample : P3804-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 05 02:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

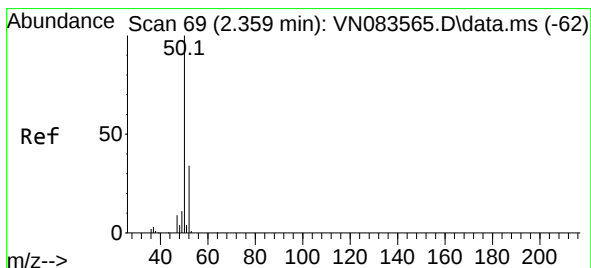
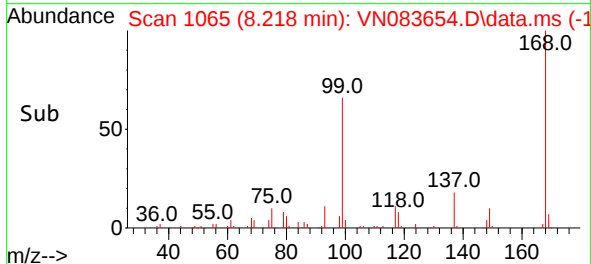
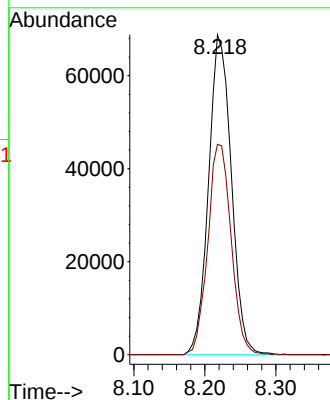
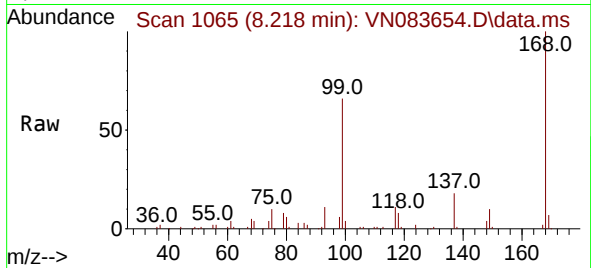




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

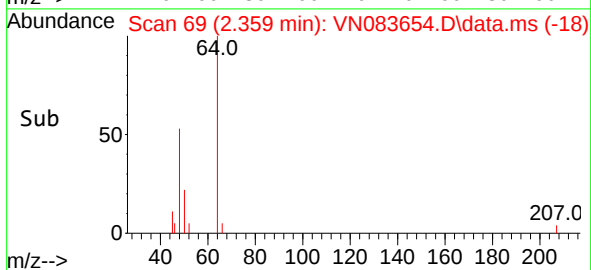
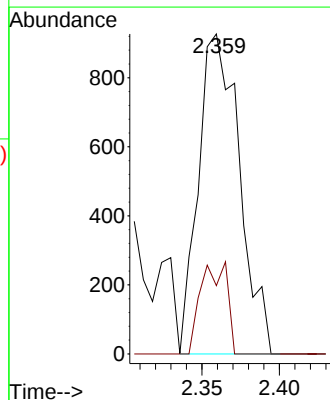
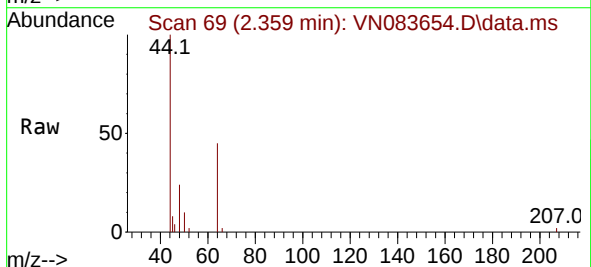
Instrument :
MSVOA_N
ClientSampleId :

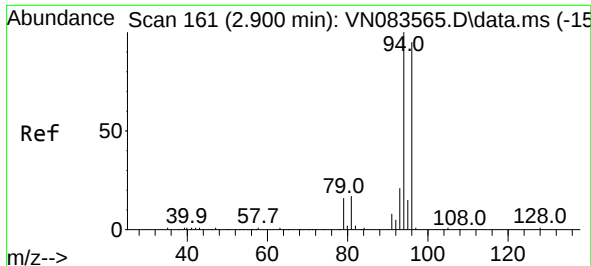
Tgt Ion:168 Resp: 153238
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#3
Chloromethane
Concen: 0.904 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion: 50 Resp: 1708
Ion Ratio Lower Upper
50 100
52 21.4 27.2 40.8#

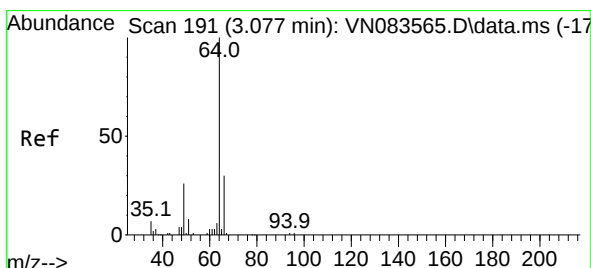
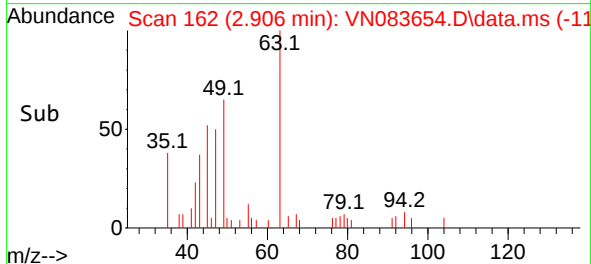
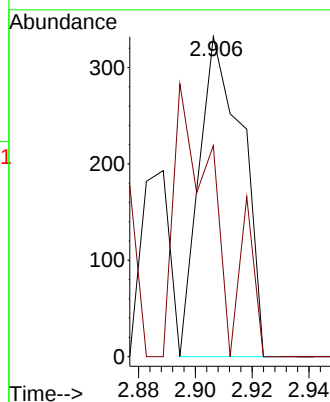
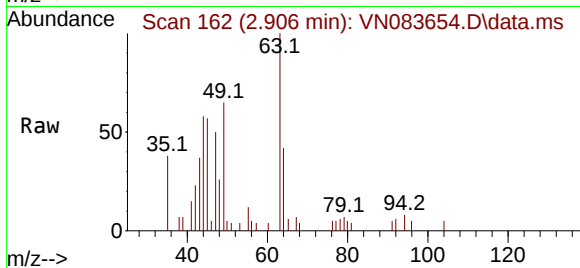




#5
Bromomethane
Concen: 0.353 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

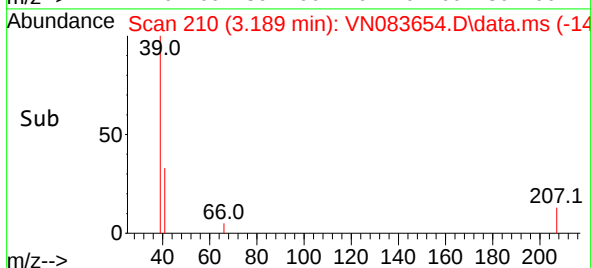
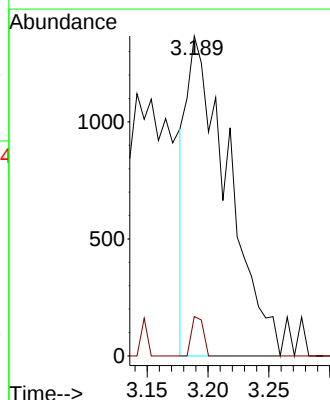
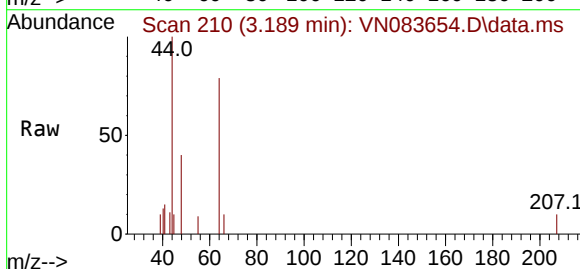
Instrument :
MSVOA_N
ClientSampleId :

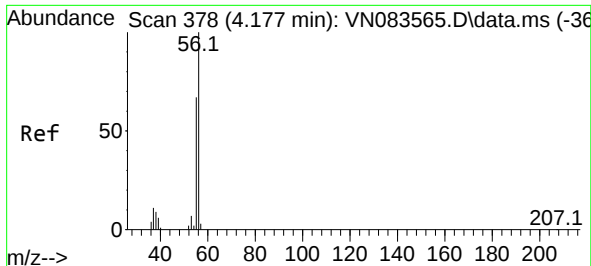
Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 66.0 76.0 114.0#



#6
Chloroethane
Concen: 2.635 ug/l
RT: 3.189 min Scan# 210
Delta R.T. 0.112 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

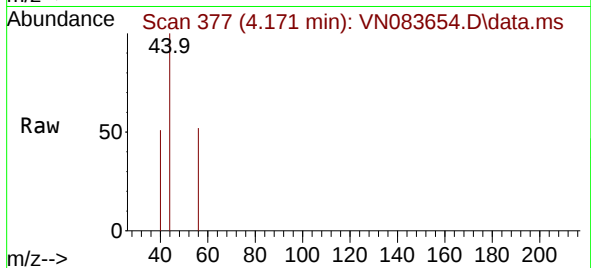
Tgt Ion: 64 Resp: 3256
Ion Ratio Lower Upper
64 100
66 12.3 23.9 35.9#



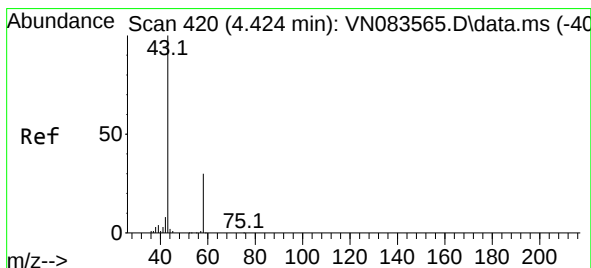
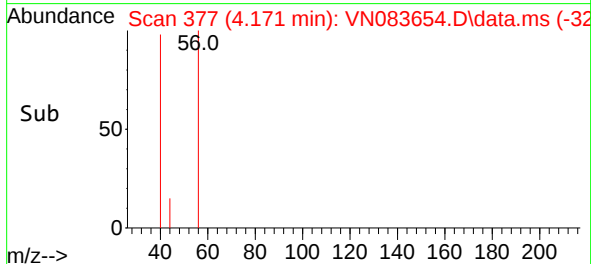
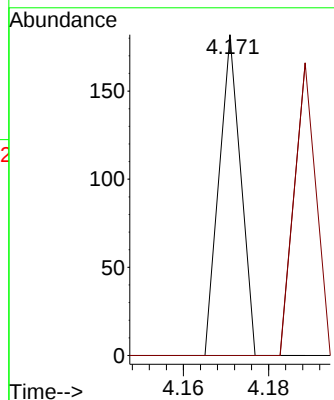


#13
Acrolein
Concen: 0.203 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

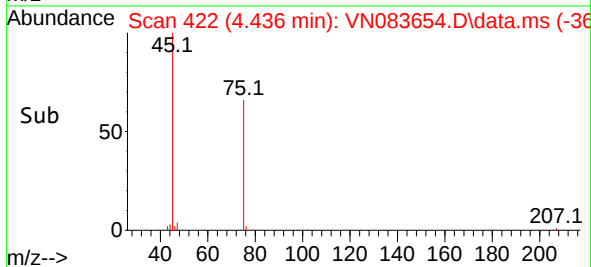
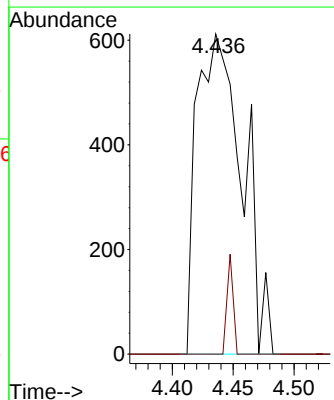
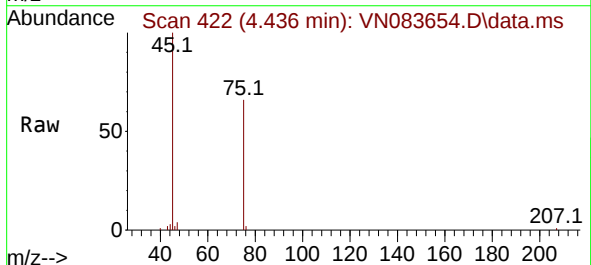


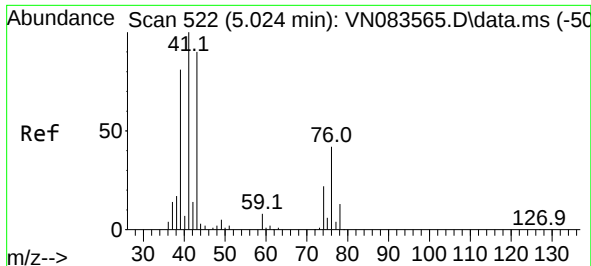
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 92.2 58.2 87.2#



#16
Acetone
Concen: 1.862 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

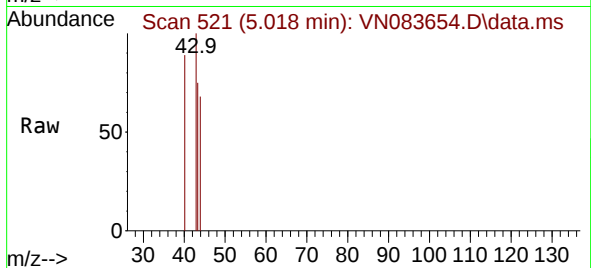
Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



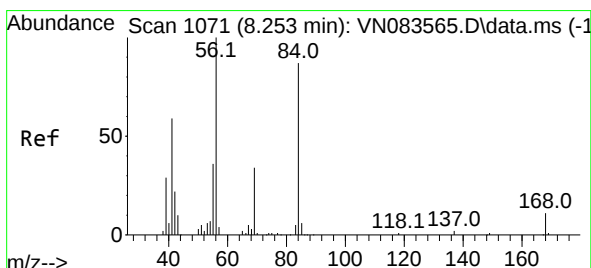
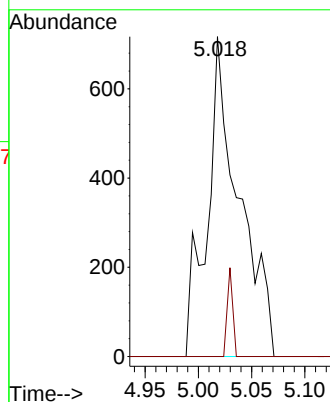
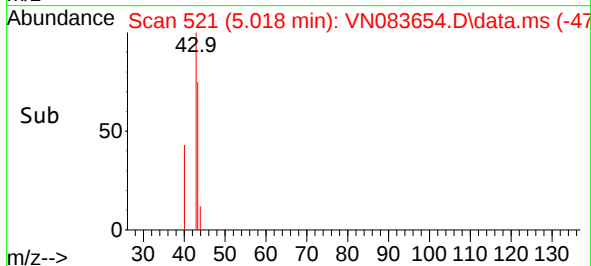


#18
Methyl Acetate
Concen: 0.660 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

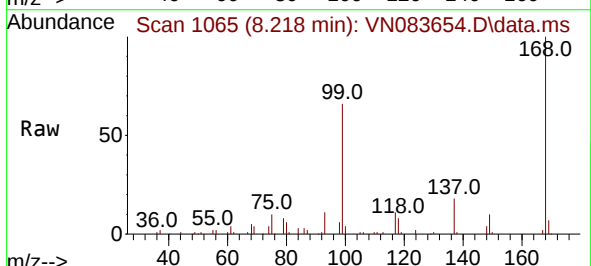
Instrument :
MSVOA_N
ClientSampleId :



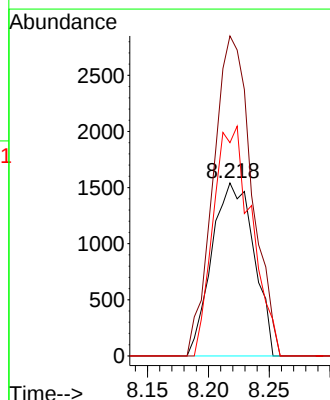
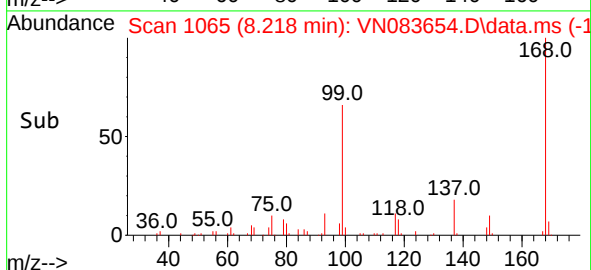
Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
74 4.7 19.0 28.4#

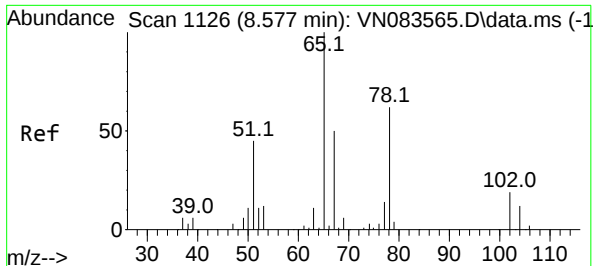


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06



Tgt Ion: 56 Resp: 3693
Ion Ratio Lower Upper
56 100
69 185.0 26.9 40.3#
84 123.3 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 55.215 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083654.D

Acq: 04 Sep 2024 17:06

Instrument :

MSVOA_N

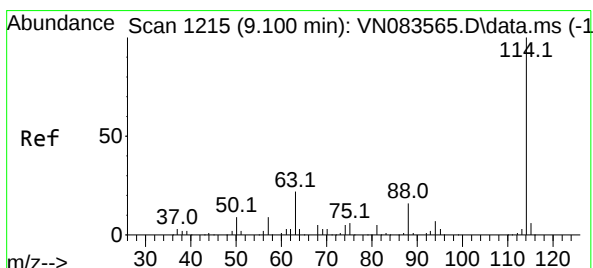
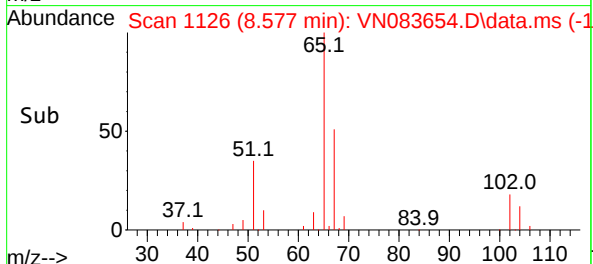
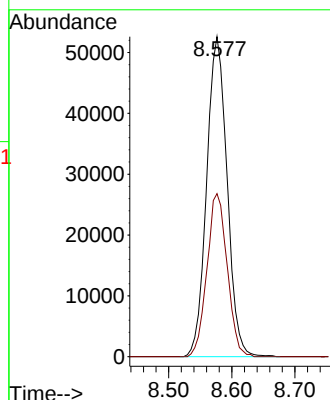
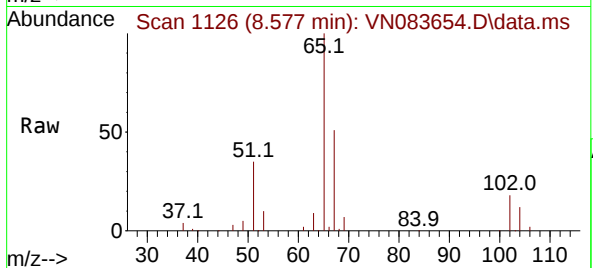
ClientSampleId :

Tgt Ion: 65 Resp: 118251

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083654.D

Acq: 04 Sep 2024 17:06

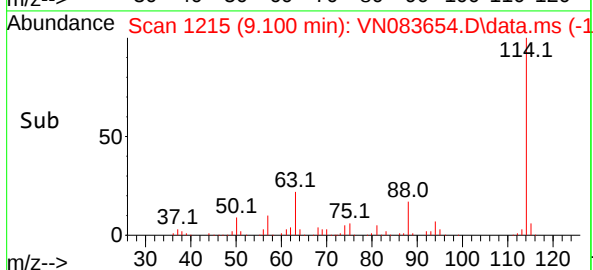
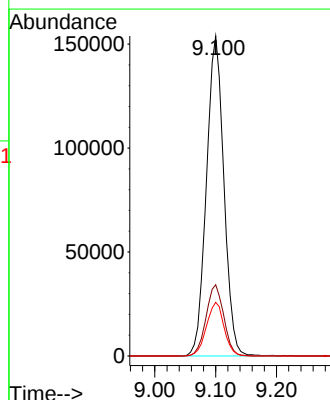
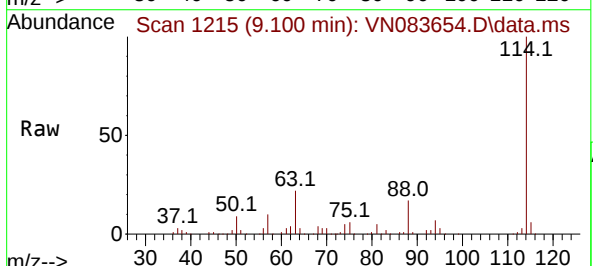
Tgt Ion: 114 Resp: 306336

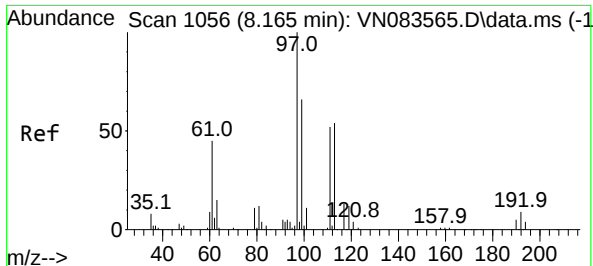
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.7 0.0 32.6

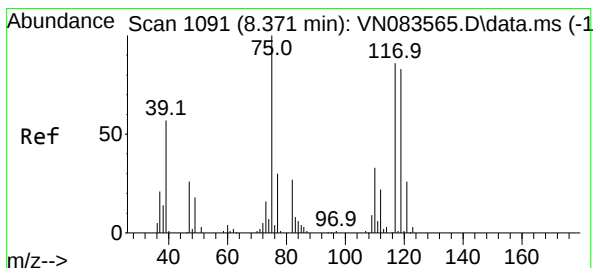
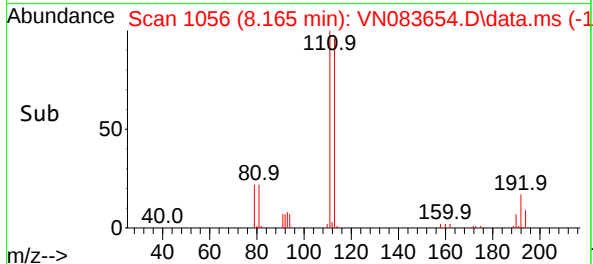
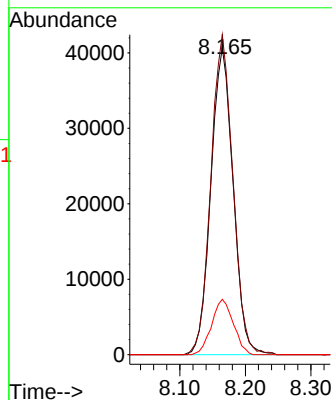
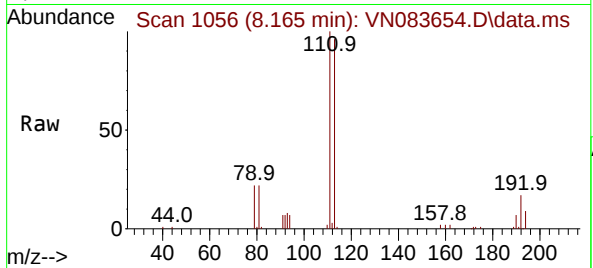




#35
Dibromofluoromethane
Concen: 51.939 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

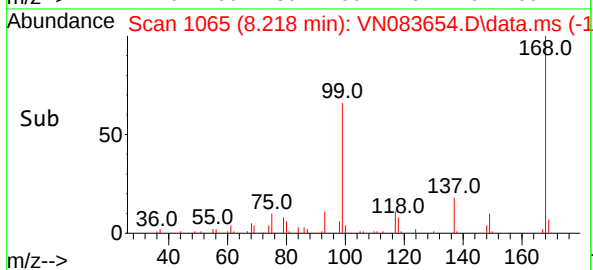
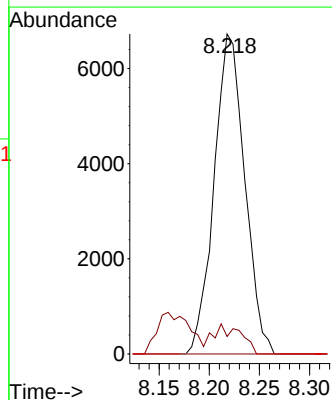
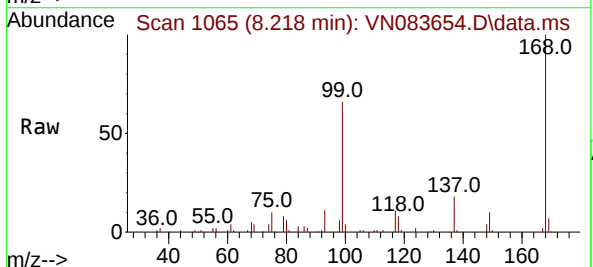
Instrument :
MSVOA_N
ClientSampleId :

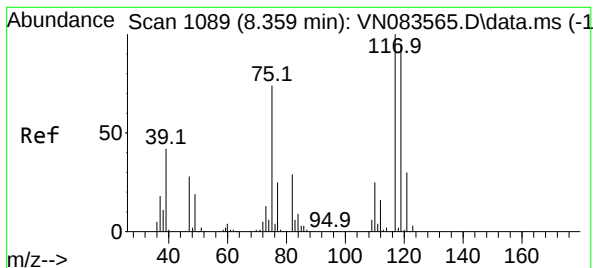
Tgt Ion:113 Resp: 95763
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion: 75 Resp: 14269
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.348 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

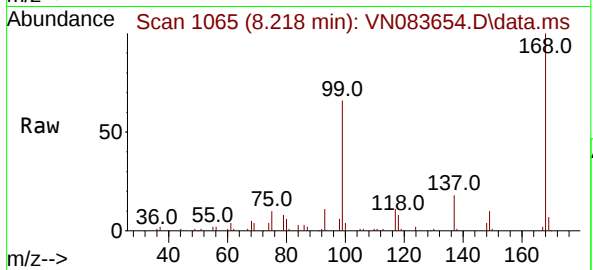
Lab File: VN083654.D

Acq: 04 Sep 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :



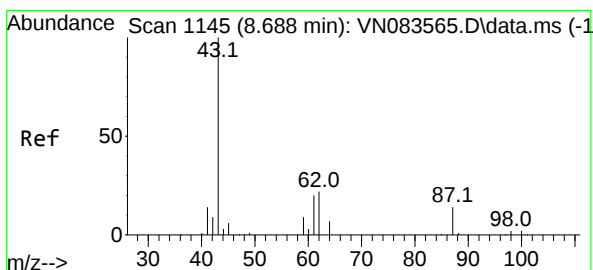
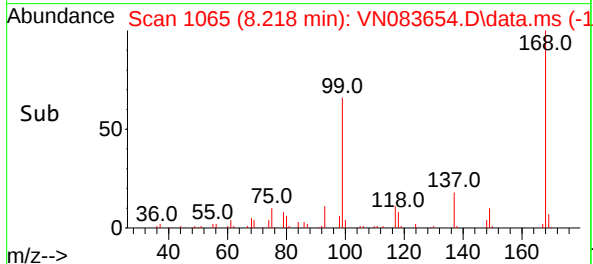
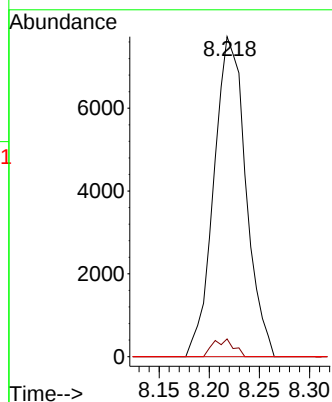
Tgt Ion:117 Resp: 17159

Ion Ratio Lower Upper

117 100

119 5.5 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN083654.D

Acq: 04 Sep 2024 17:06

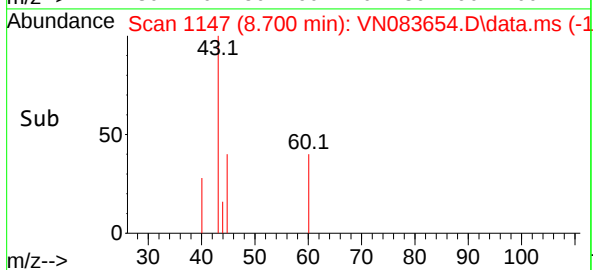
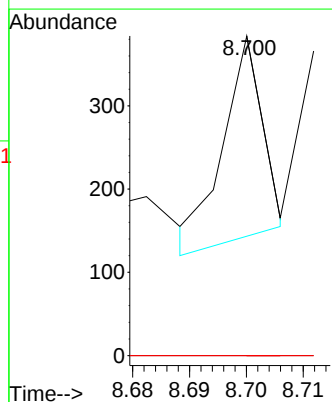
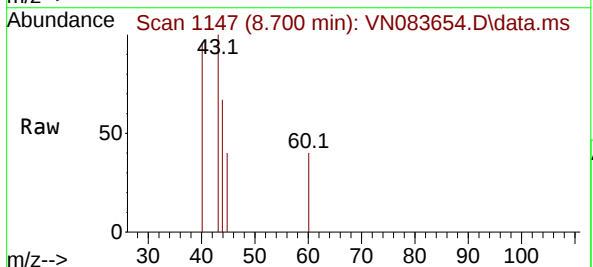
Tgt Ion: 43 Resp: 118

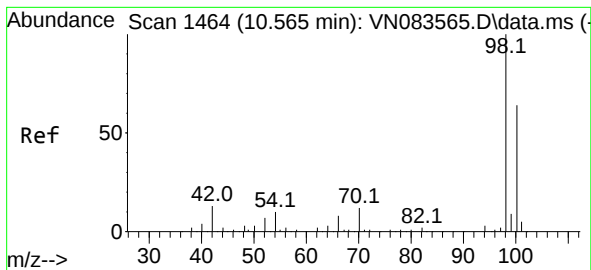
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

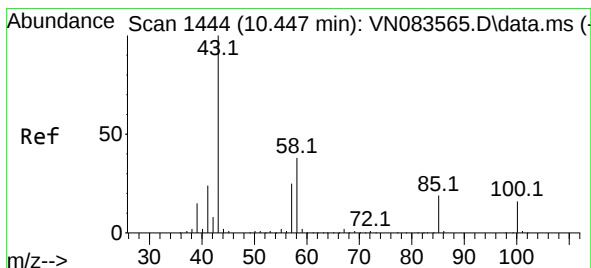
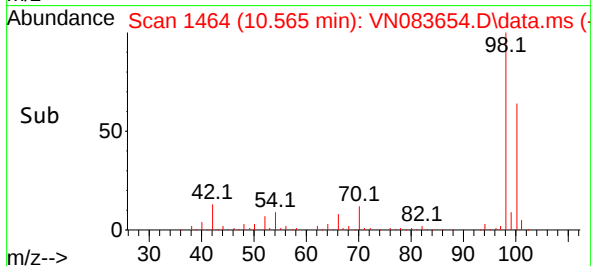
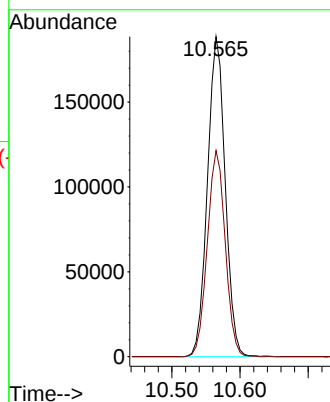
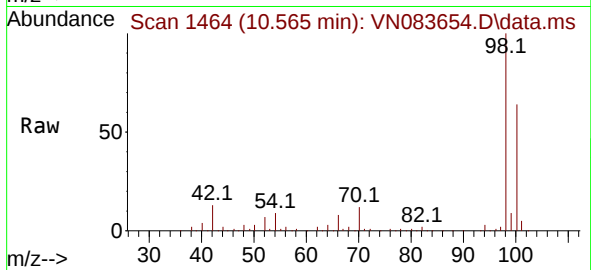




#50
Toluene-d8
Concen: 47.507 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

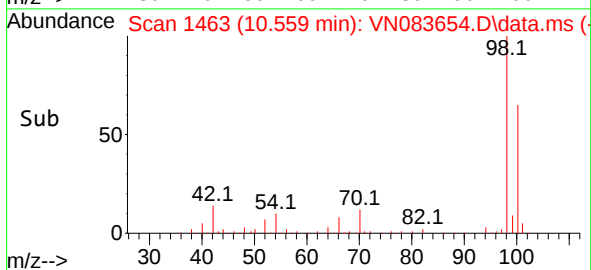
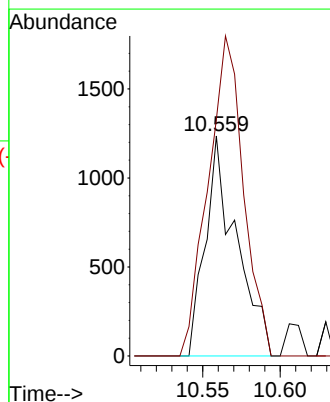
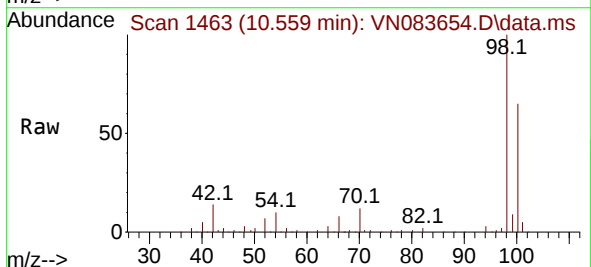
Instrument :
MSVOA_N
ClientSampleId :

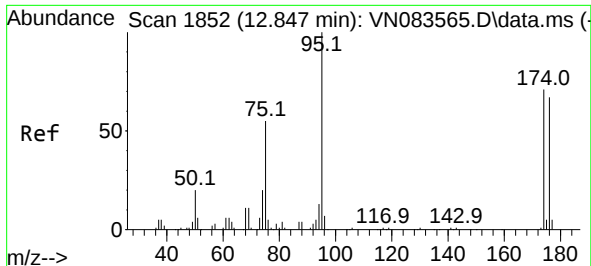
Tgt Ion: 98 Resp: 341065
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
58 166.9 31.6 47.4#

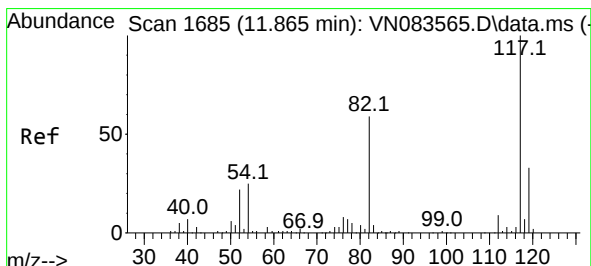
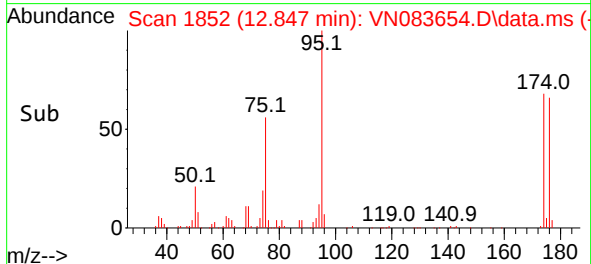
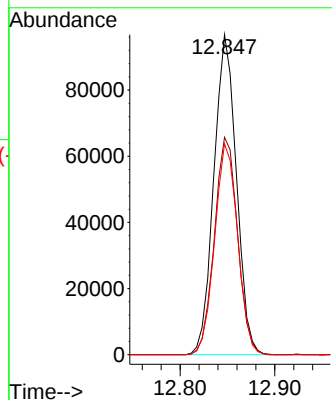
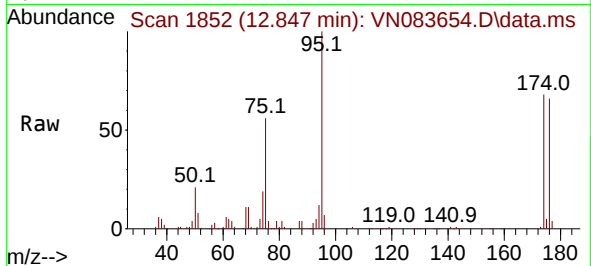




#62
4-Bromofluorobenzene
Concen: 60.164 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

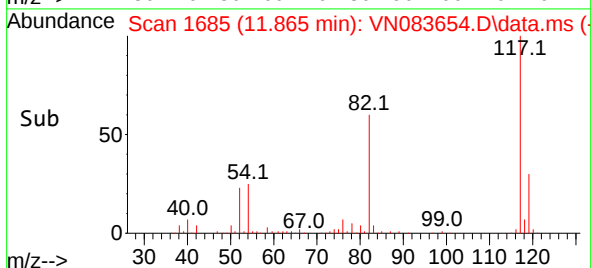
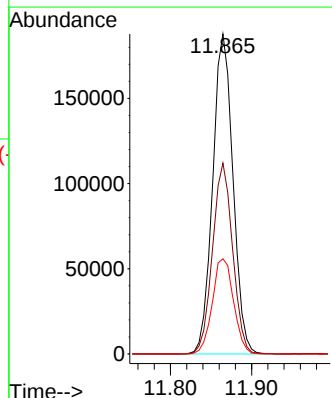
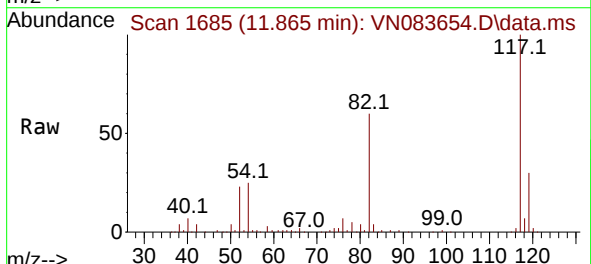
Instrument :
MSVOA_N
ClientSampleId :

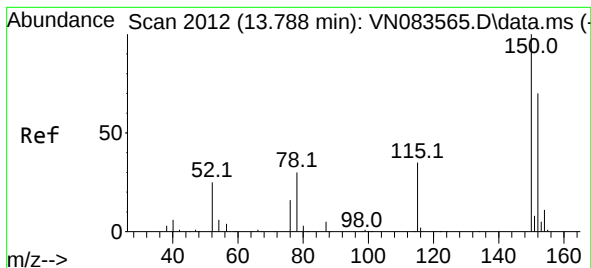
Tgt Ion: 95 Resp: 160024
Ion Ratio Lower Upper
95 100
174 69.8 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion: 117 Resp: 325731
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 29.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN083654.D

Acq: 04 Sep 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

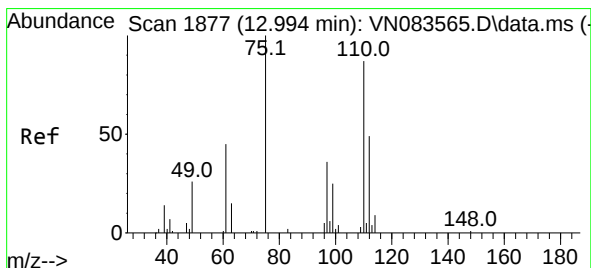
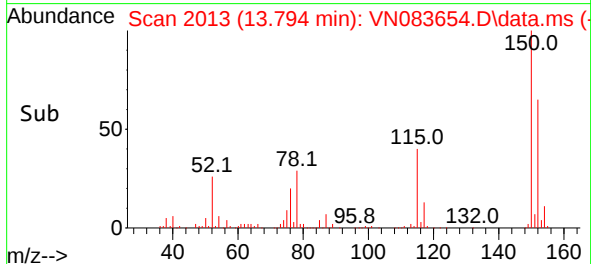
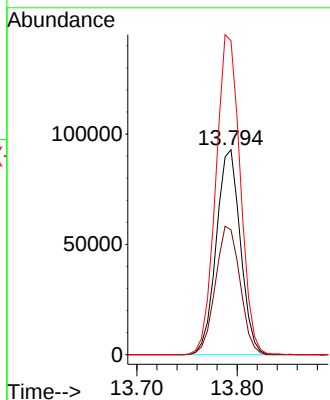
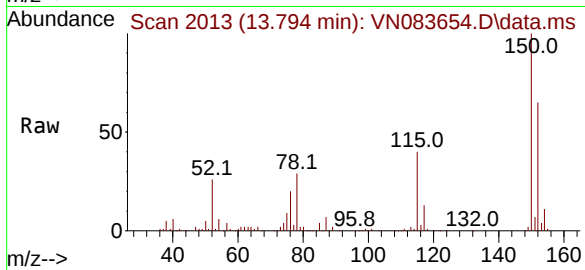
Tgt Ion:152 Resp: 155026

Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

150 158.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.731 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083654.D

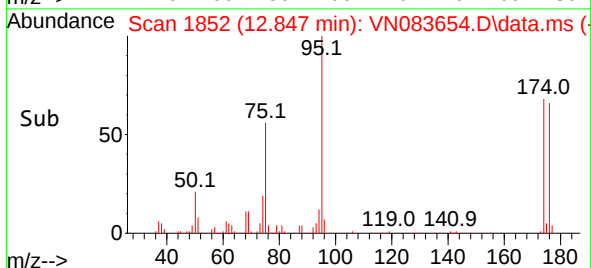
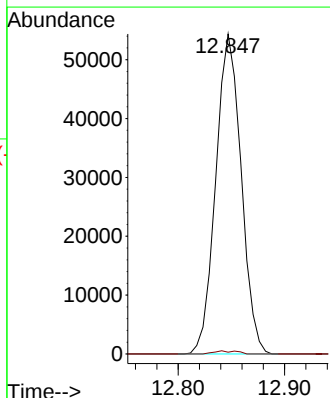
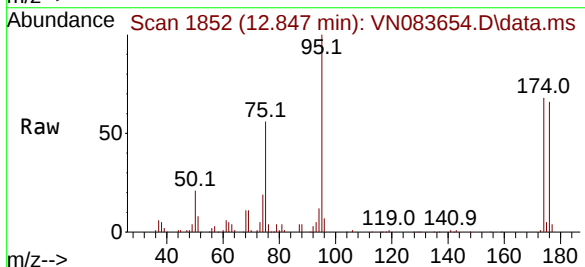
Acq: 04 Sep 2024 17:06

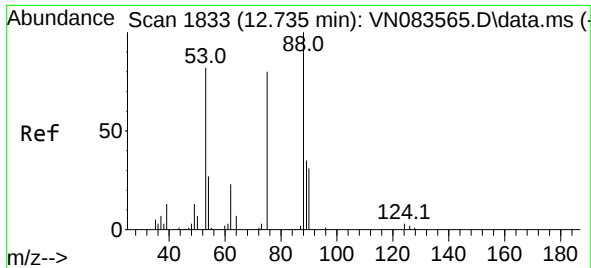
Tgt Ion: 75 Resp: 89927

Ion Ratio Lower Upper

75 100

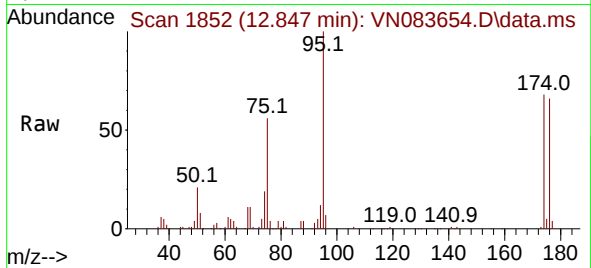
77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.765 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 89927
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

