

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083607.D
 Acq On : 31 Aug 2024 10:09
 Operator : JC\MD
 Sample : P3777-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:03:20 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	8.224	168	143242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	111304	55.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.200%	
35) Dibromofluoromethane	8.165	113	89024	49.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.780%	
50) Toluene-d8	10.565	98	327214	47.106	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.220%	
62) 4-Bromofluorobenzene	12.847	95	148048	57.517	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.040%	

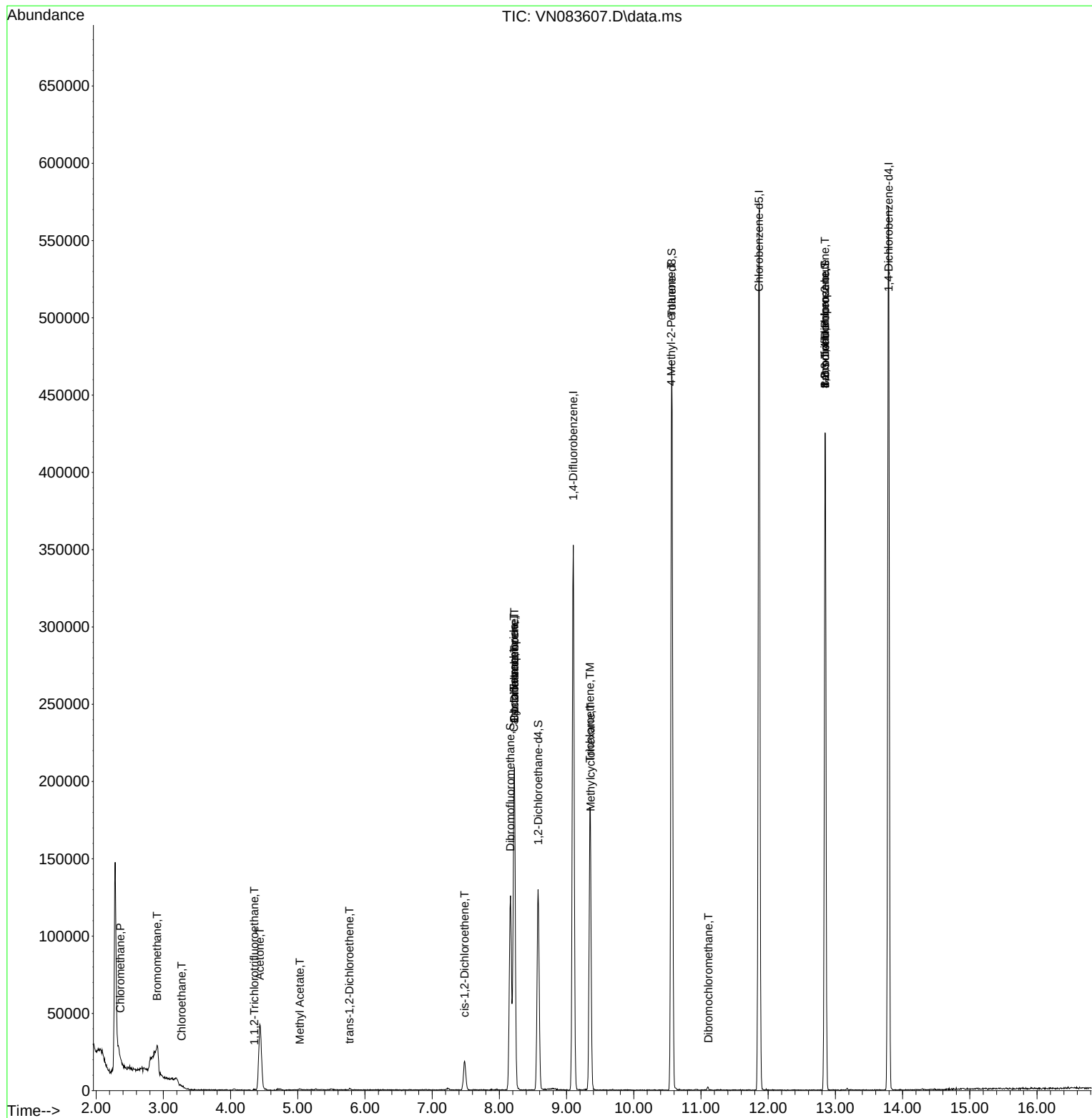
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1394	0.789	ug/l #	79
5) Bromomethane	2.906	94	319	0.343	ug/l	91
6) Chloroethane	3.271	64	273	0.236	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.353	101	386	0.245	ug/l #	31
16) Acetone	4.436	43	1878	2.352	ug/l #	88
18) Methyl Acetate	5.030	43	822	0.387	ug/l #	52
21) trans-1,2-Dichloroethene	5.771	96	531	0.325	ug/l #	45
27) cis-1,2-Dichloroethene	7.482	96	10907	5.592	ug/l	84
31) Cyclohexane	8.224	56	3653	1.180	ug/l #	40
36) 1,1-Dichloropropene	8.224	75	13098	4.813	ug/l #	45
38) Carbon Tetrachloride	8.218	117	17082	5.501	ug/l #	15
39) Methylcyclohexane	9.359	83	718	0.220	ug/l #	1
43) Isopropyl Acetate	8.677	43	223	Below Cal	#	57
44) Trichloroethene	9.347	130	63468	31.513	ug/l	91
51) 4-Methyl-2-Pentanone	10.559	43	1661	0.660	ug/l #	1
60) Dibromochloromethane	11.112	129	511	0.236	ug/l #	10
71) Bromoform	12.847	173	801	0.471	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	83985	27.753	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83985	65.458	ug/l #	9

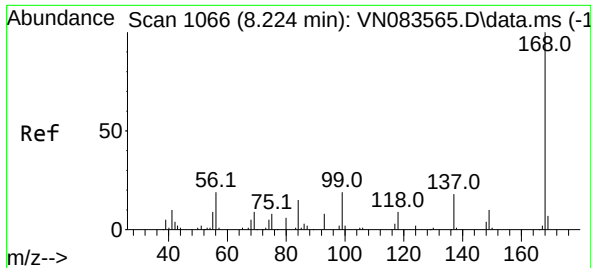
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN083607.D
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Sample : P3777-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

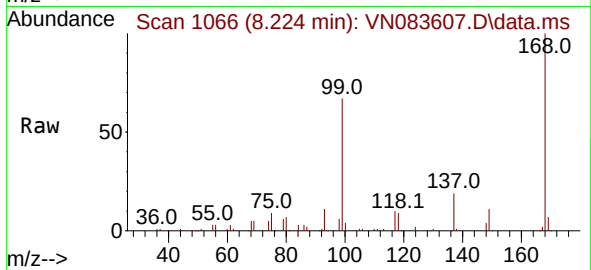
Quant Time: Sep 02 01:03:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



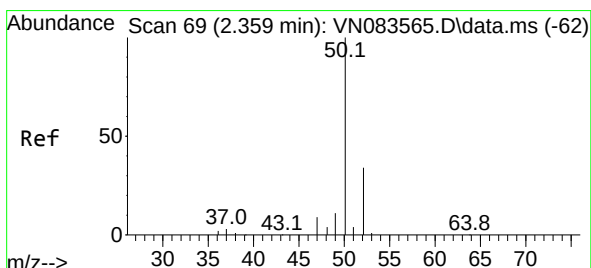
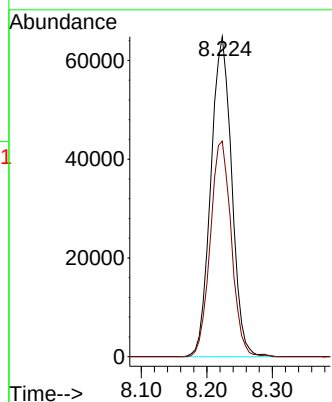
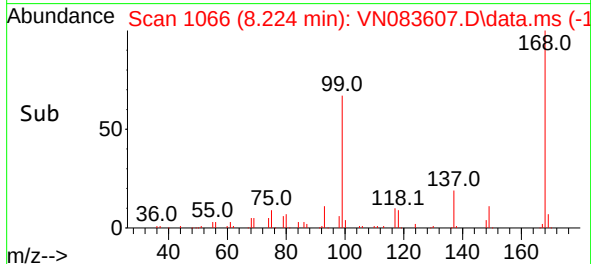


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :

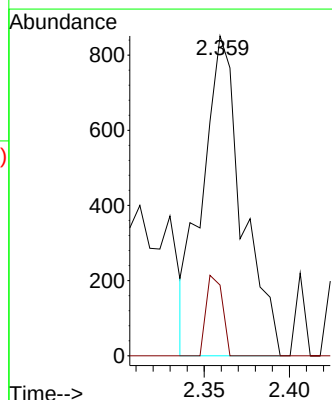
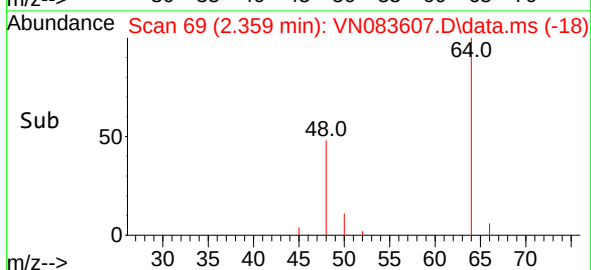
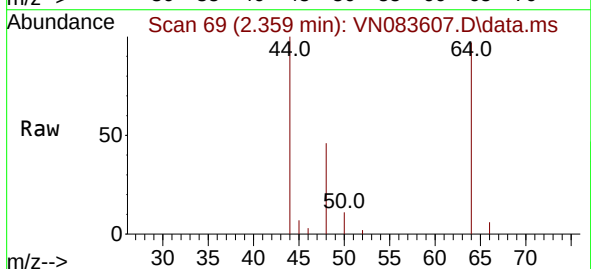


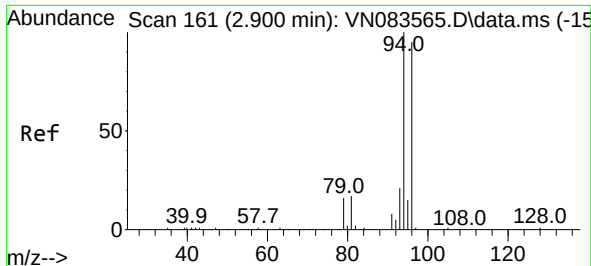
Tgt Ion:168 Resp: 143242
Ion Ratio Lower Upper
168 100
99 67.4 54.2 81.2



#3
Chloromethane
Concen: 0.789 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Tgt Ion: 50 Resp: 1394
Ion Ratio Lower Upper
50 100
52 22.1 27.2 40.8

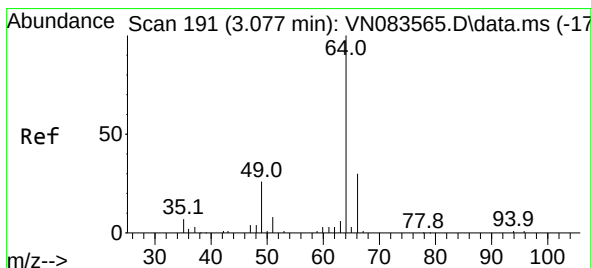
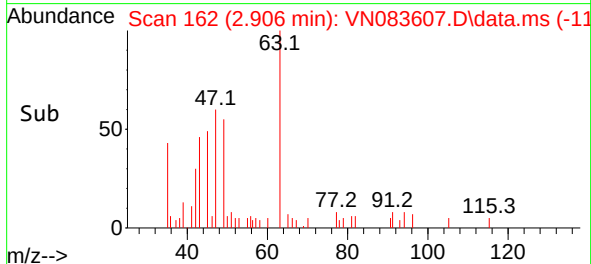
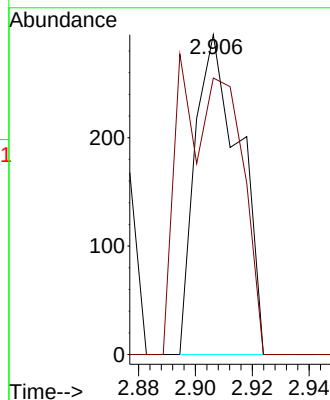
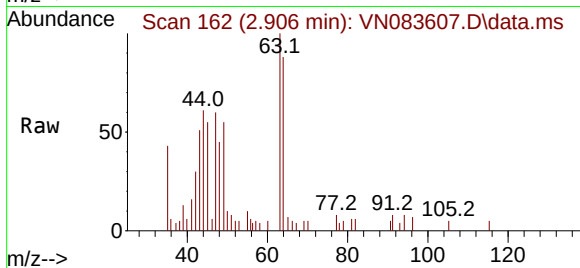




#5
Bromomethane
Concen: 0.343 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

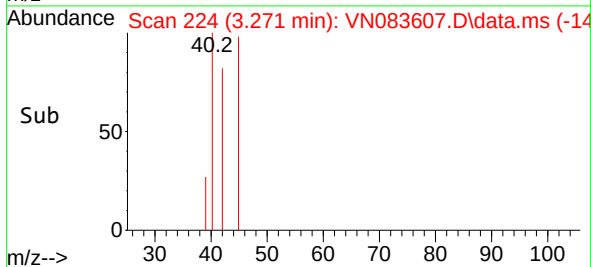
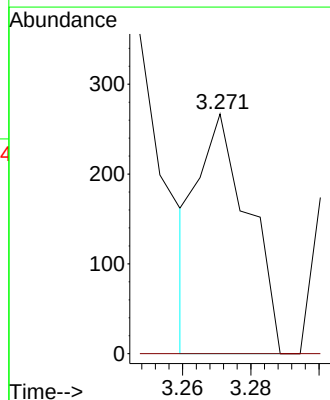
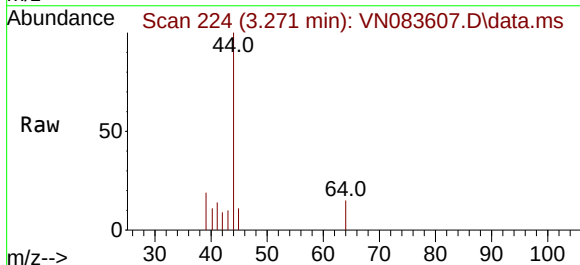
Instrument :
MSVOA_N
ClientSampleId :

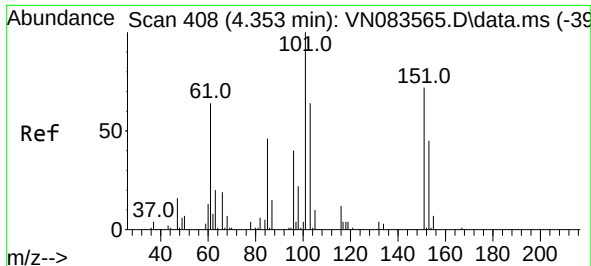
Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 86.4 76.0 114.0



#6
Chloroethane
Concen: 0.236 ug/l
RT: 3.271 min Scan# 224
Delta R.T. 0.194 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

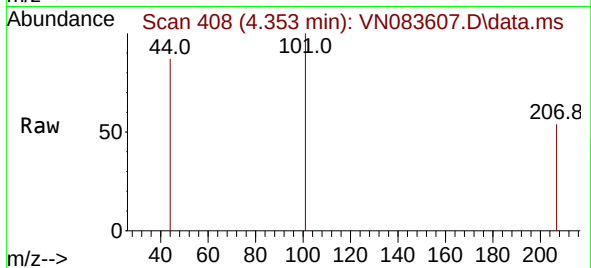
Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



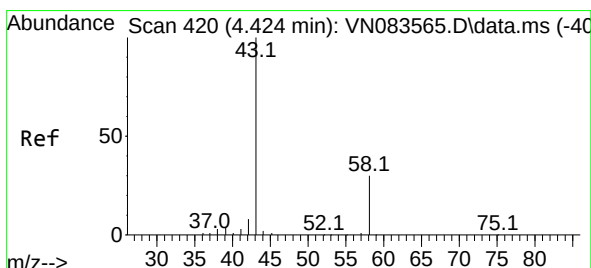
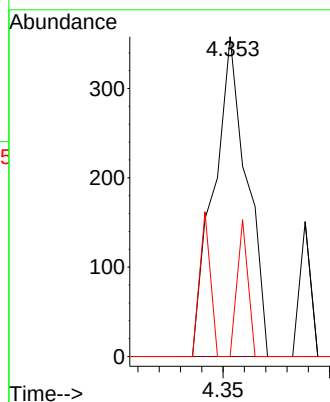
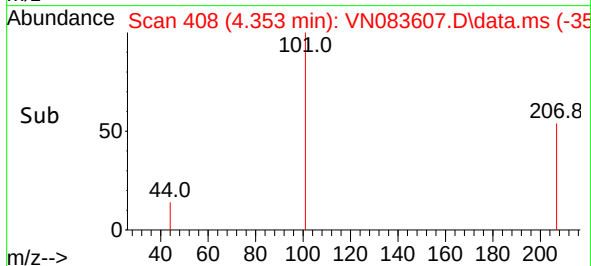


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.245 ug/l
 RT: 4.353 min Scan# 408
 Delta R.T. -0.000 min
 Lab File: VN083607.D
 Acq: 31 Aug 2024 10:09

Instrument :
 MSVOA_N
 ClientSampleId :

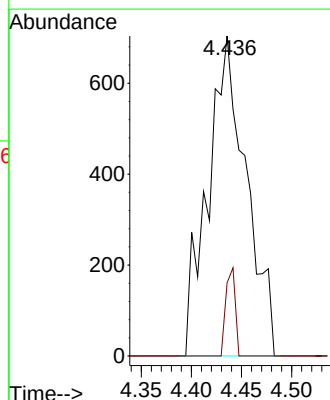
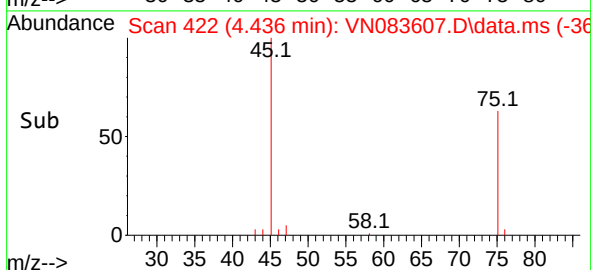
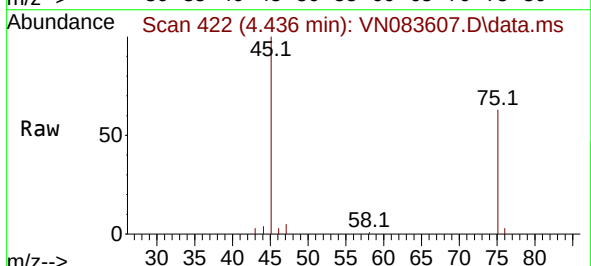


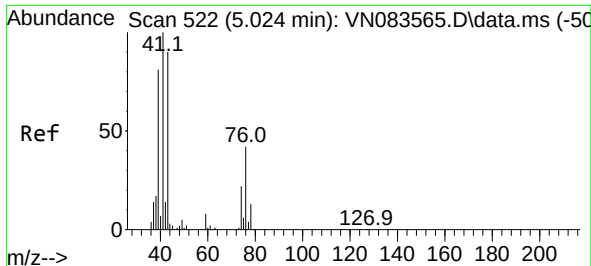
Tgt Ion:101 Resp: 386
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.2 54.4#
 151 14.0 57.7 86.5#



#16
 Acetone
 Concen: 2.352 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. 0.012 min
 Lab File: VN083607.D
 Acq: 31 Aug 2024 10:09

Tgt Ion: 43 Resp: 1878
 Ion Ratio Lower Upper
 43 100
 58 22.9 23.7 35.5#

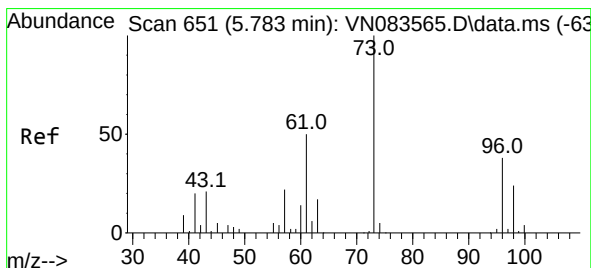
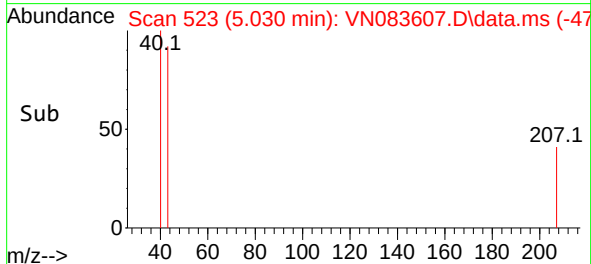
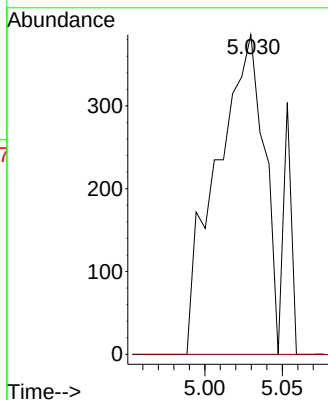
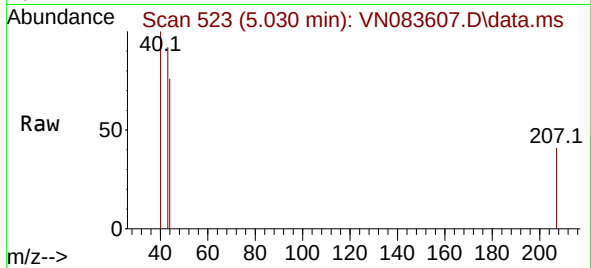




#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

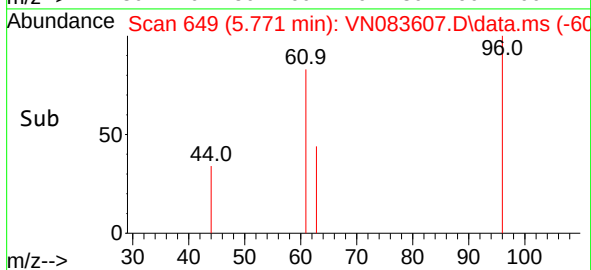
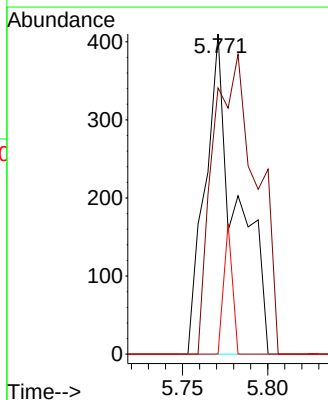
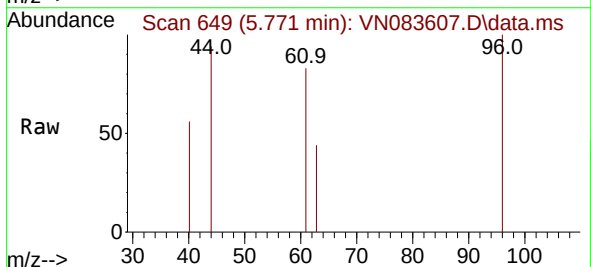
Instrument :
MSVOA_N
ClientSampleId :

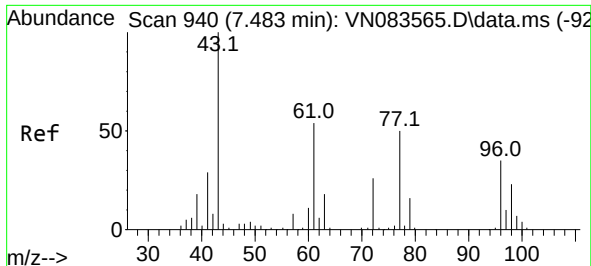
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#21
trans-1,2-Dichloroethene
Concen: 0.325 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Tgt Ion: 96 Resp: 531
Ion Ratio Lower Upper
96 100
61 83.2 106.0 159.0#
98 0.0 52.2 78.2#



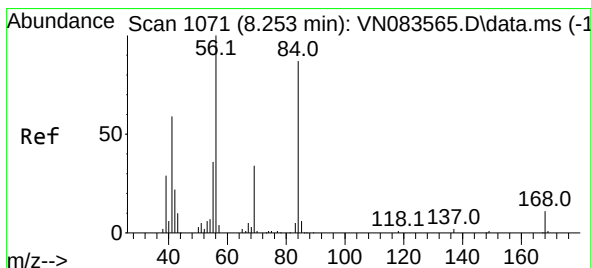
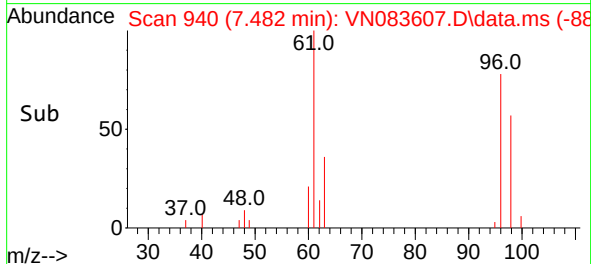
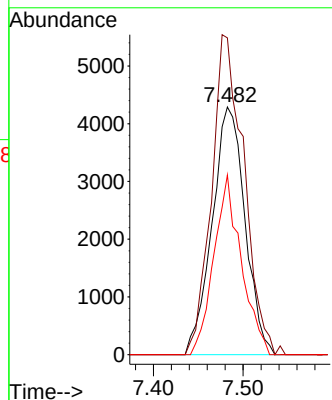
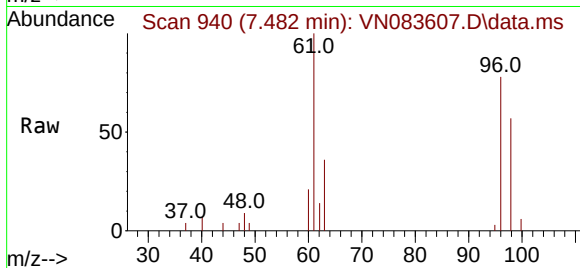


#27
 cis-1,2-Dichloroethene
 Concen: 5.592 ug/l
 RT: 7.482 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN083607.D
 Acq: 31 Aug 2024 10:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 10907

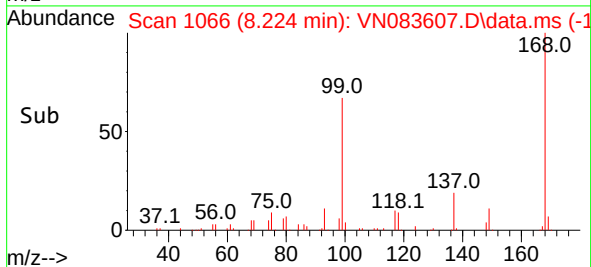
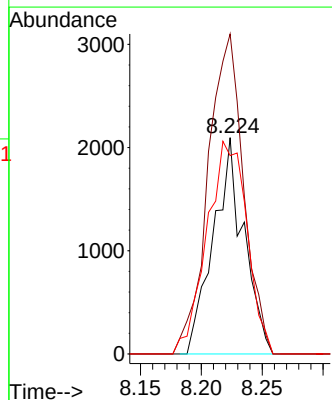
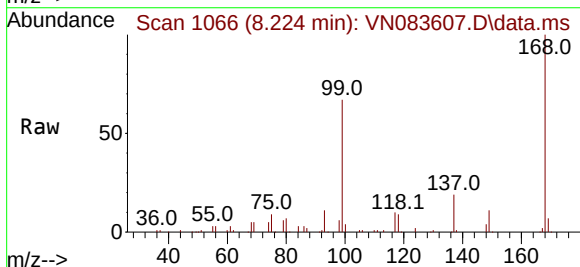
Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	306.2
98	60.5	0.0	128.6

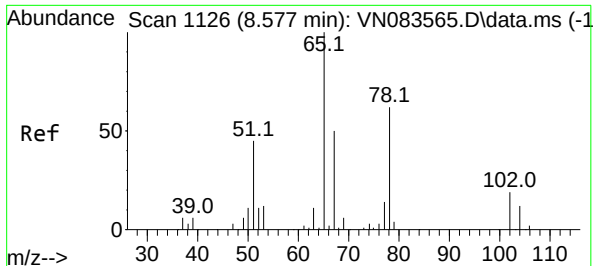


#31
 Cyclohexane
 Concen: 1.180 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.029 min
 Lab File: VN083607.D
 Acq: 31 Aug 2024 10:09

Tgt Ion: 56 Resp: 3653

Ion	Ratio	Lower	Upper
56	100		
69	147.9	26.9	40.3#
84	91.7	69.2	103.8





#33

1,2-Dichloroethane-d4

Concen: 55.598 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083607.D

Acq: 31 Aug 2024 10:09

Instrument :

MSVOA_N

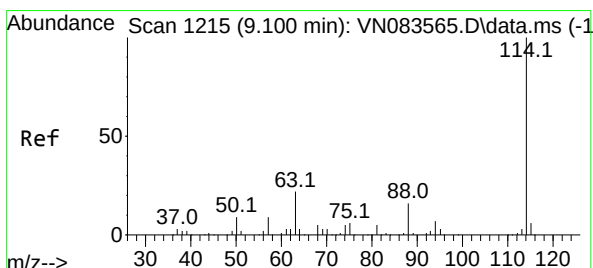
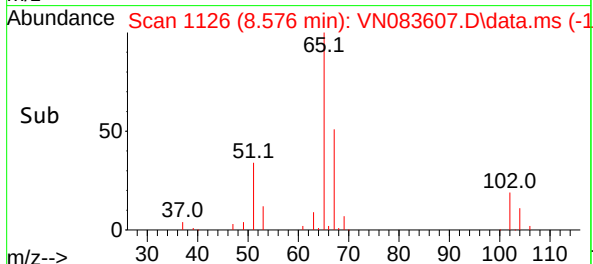
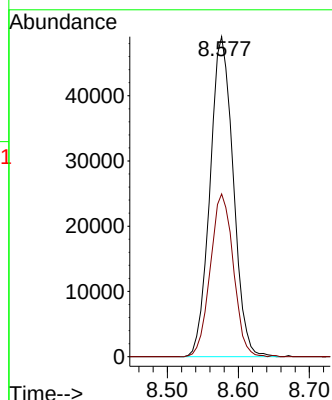
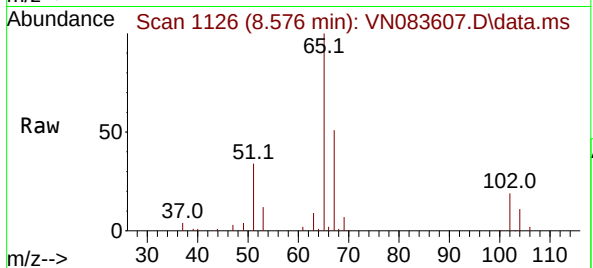
ClientSampleId :

Tgt Ion: 65 Resp: 111304

Ion Ratio Lower Upper

65 100

67 50.3 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: VN083607.D

Acq: 31 Aug 2024 10:09

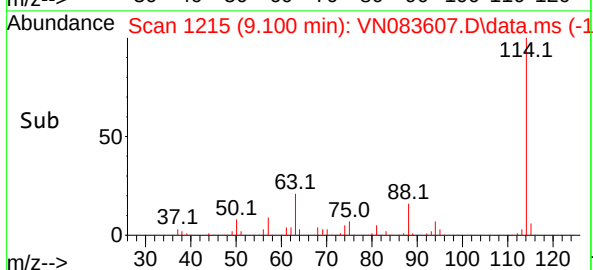
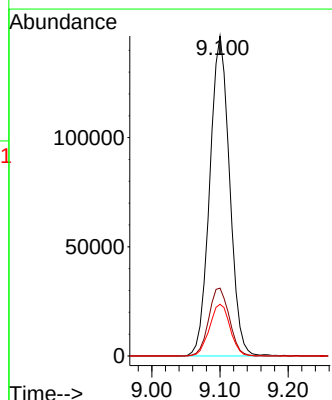
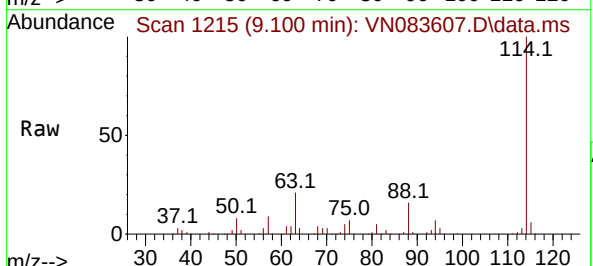
Tgt Ion: 114 Resp: 296456

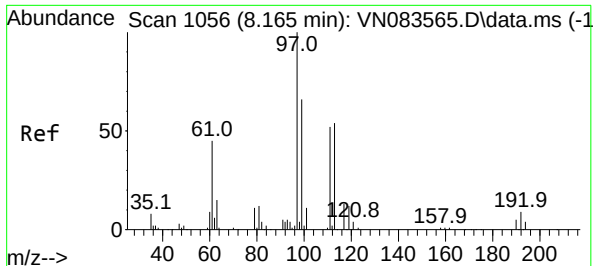
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.893 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083607.D

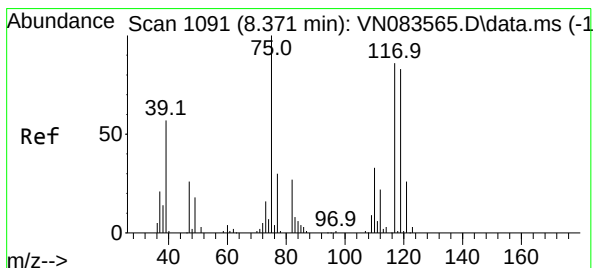
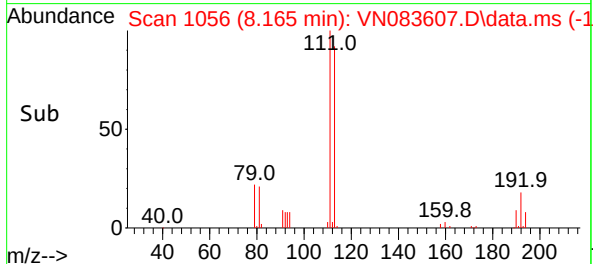
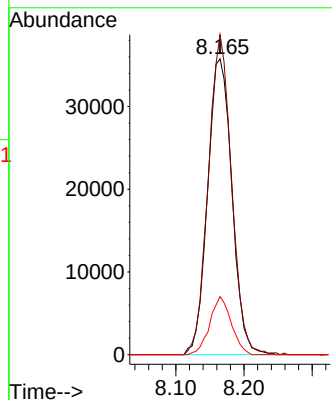
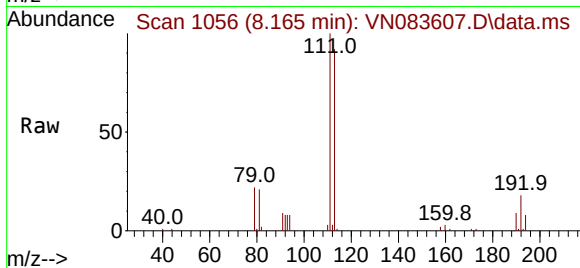
Acq: 31 Aug 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	89024
Ion	Ratio	Lower Upper
113	100	
111	103.4	82.6 124.0
192	17.3	14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.813 ug/l

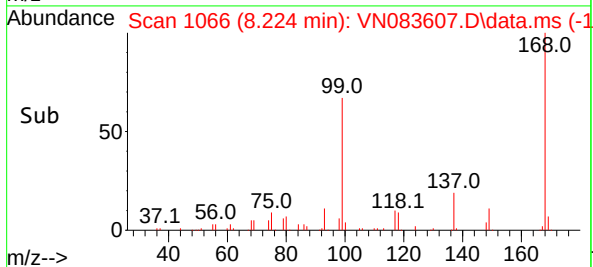
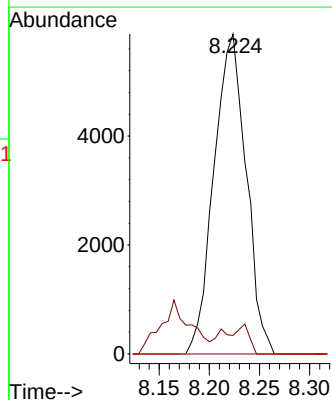
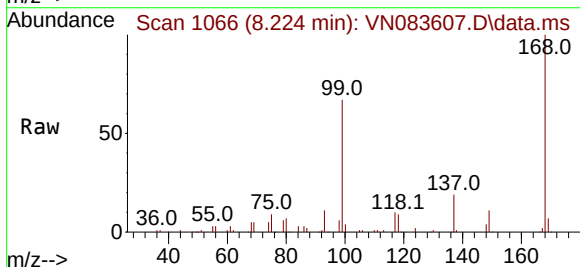
RT: 8.224 min Scan# 1066

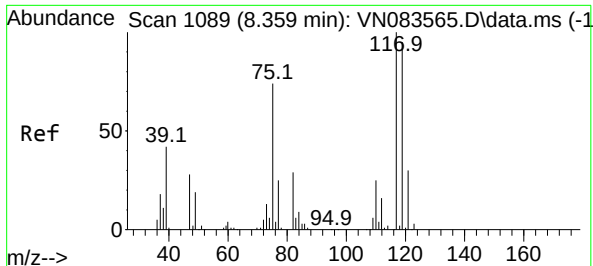
Delta R.T. -0.147 min

Lab File: VN083607.D

Acq: 31 Aug 2024 10:09

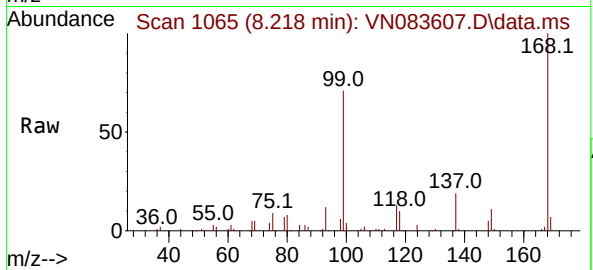
Tgt Ion: 75	Resp:	13098
Ion	Ratio	Lower Upper
75	100	
110	3.4	16.7 50.1#
77	0.0	25.2 37.8#



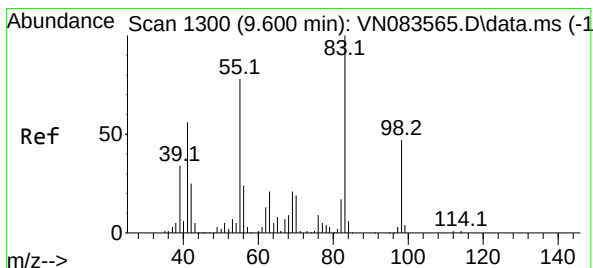
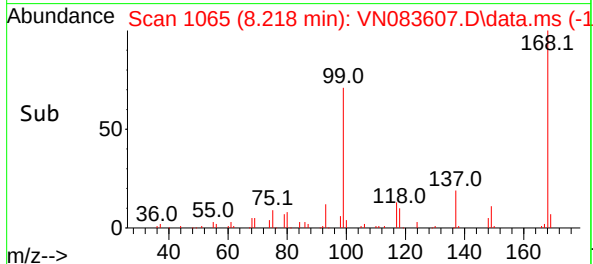
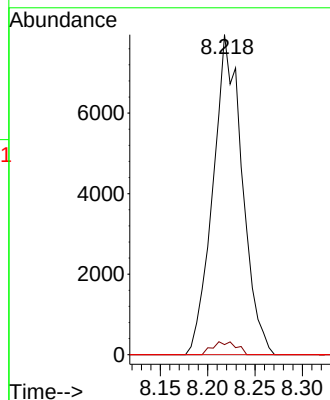


#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 8.218 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :

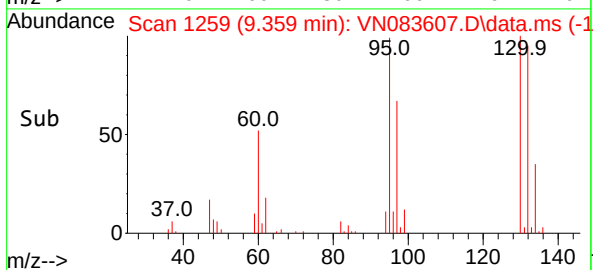
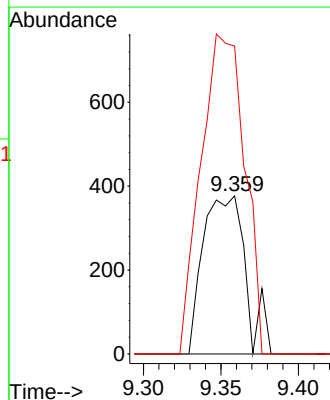
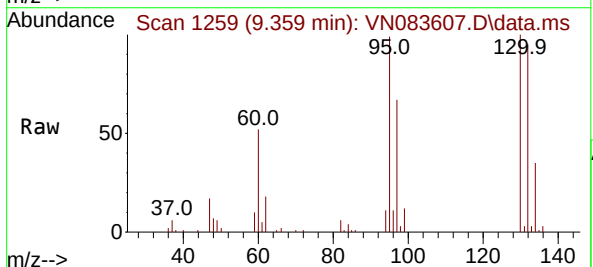


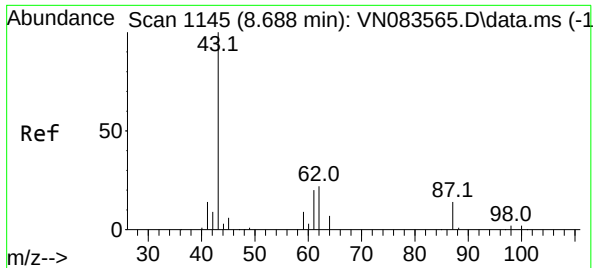
Tgt Ion:117 Resp: 17082
Ion Ratio Lower Upper
117 100
119 3.1 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.220 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.241 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

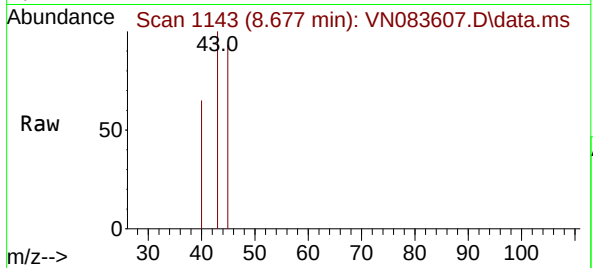
Tgt Ion: 83 Resp: 718
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 194.7 37.6 56.4#



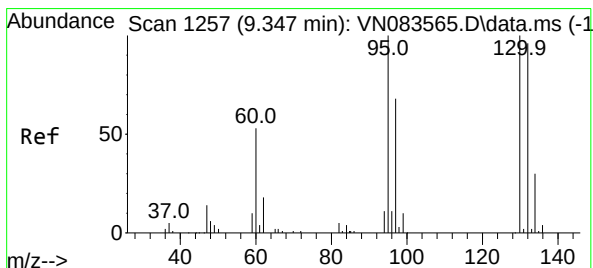
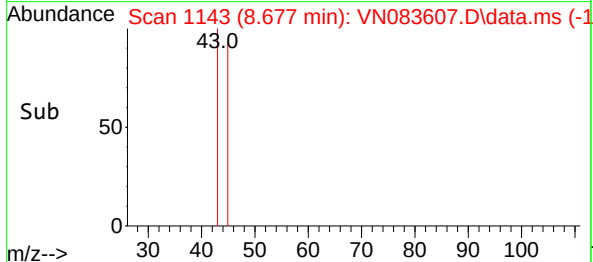
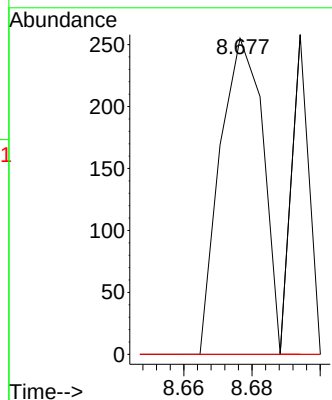


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :

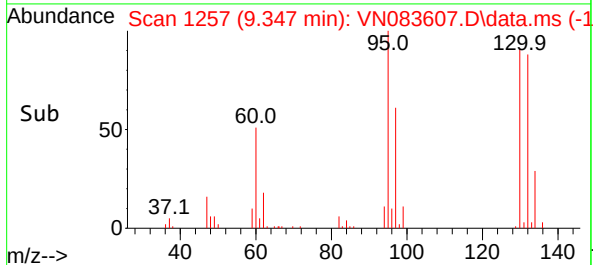
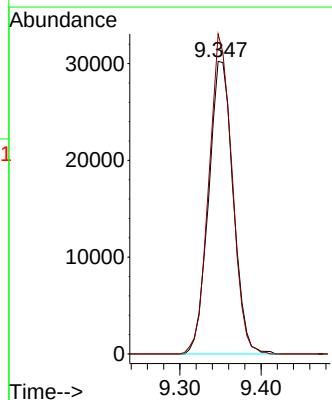
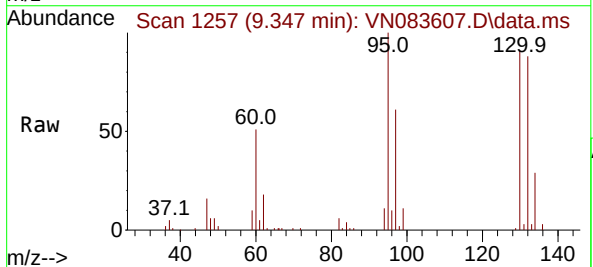


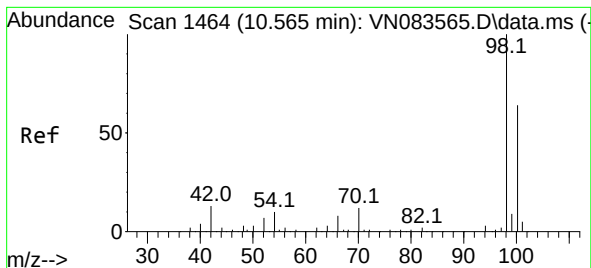
Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 31.513 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Tgt Ion:130 Resp: 63468
Ion Ratio Lower Upper
130 100
95 109.4 0.0 200.4

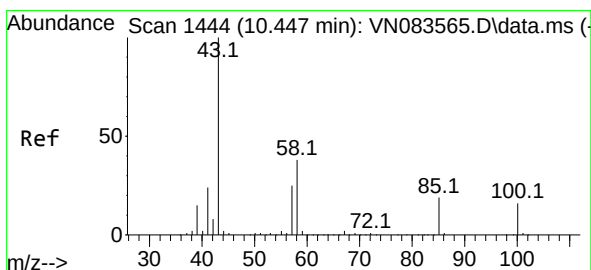
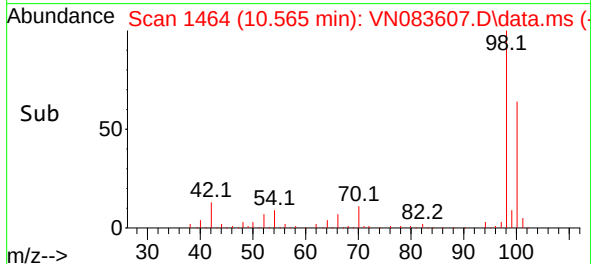
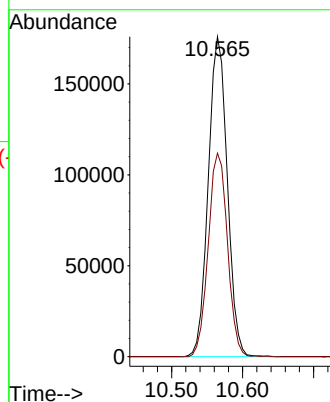
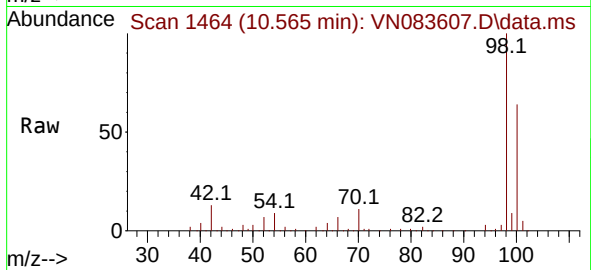




#50
Toluene-d8
Concen: 47.106 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

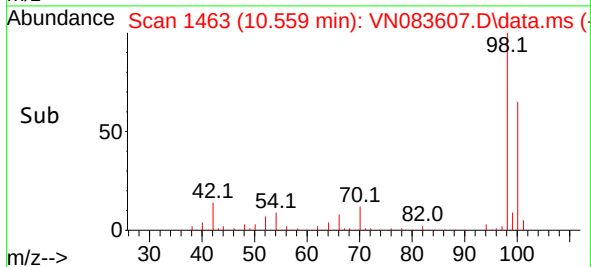
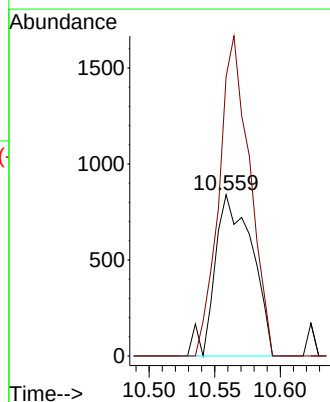
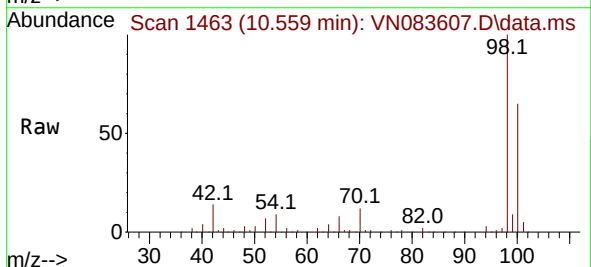
Instrument :
MSVOA_N
ClientSampleId :

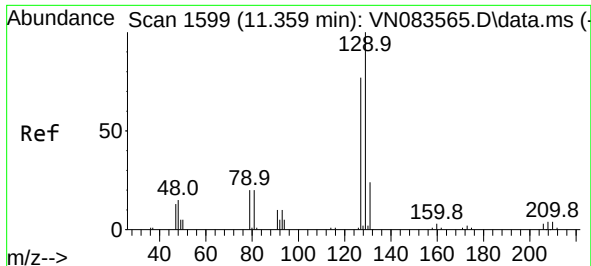
Tgt Ion: 98 Resp: 327214
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 163.8 31.6 47.4#

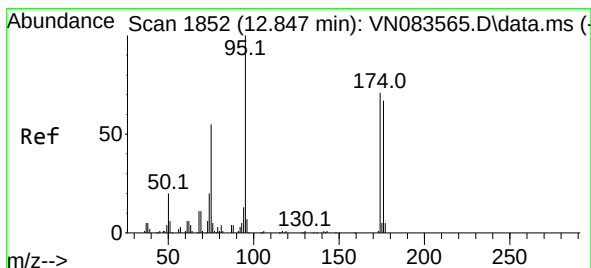
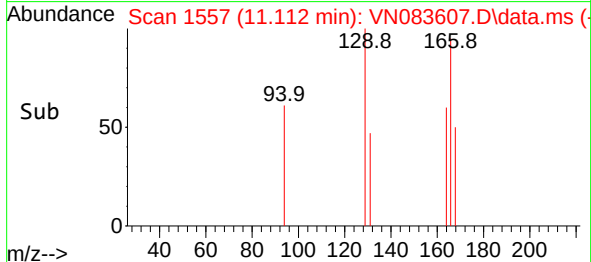
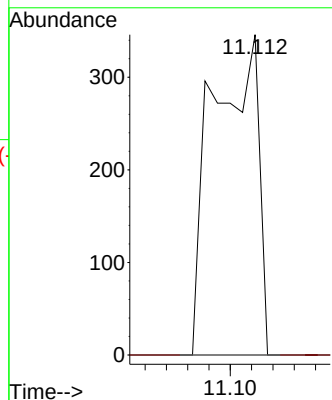
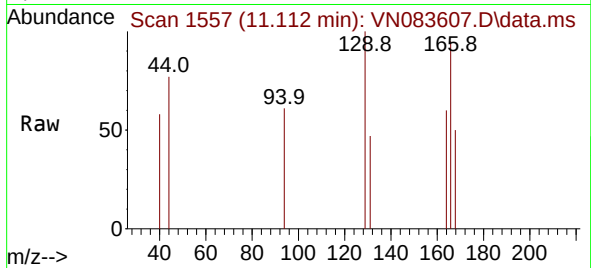




#60
Dibromochloromethane
Concen: 0.236 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

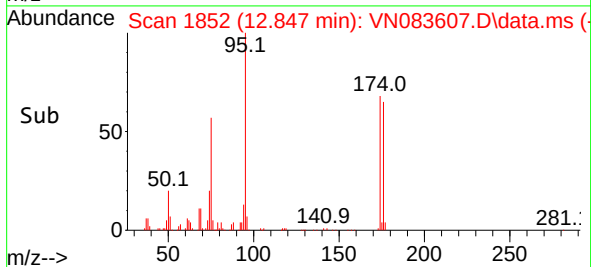
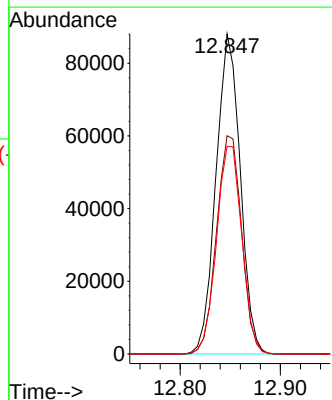
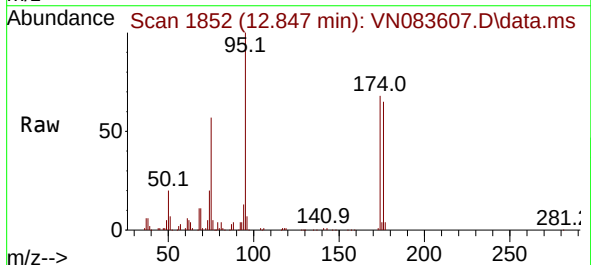
Instrument :
MSVOA_N
ClientSampleId :

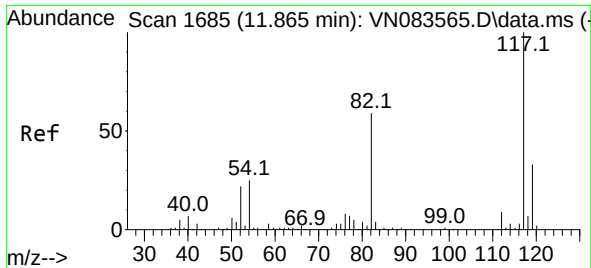
Tgt Ion:129 Resp: 511
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 57.517 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Tgt Ion: 95 Resp: 148048
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.8 0.0 131.4

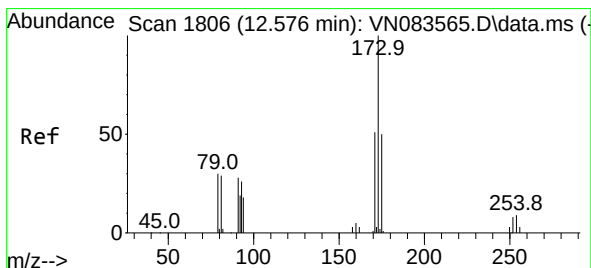
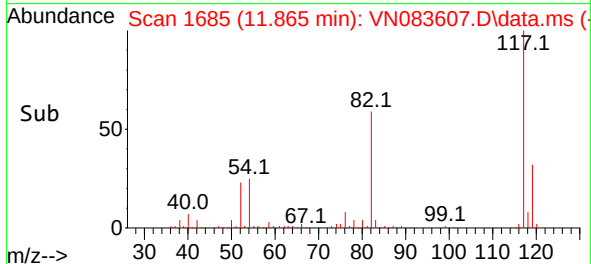
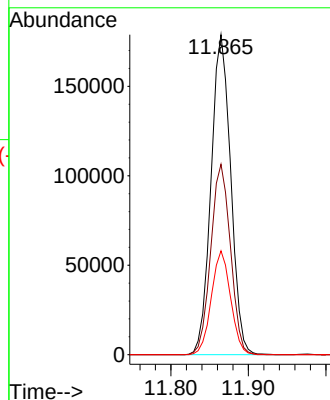
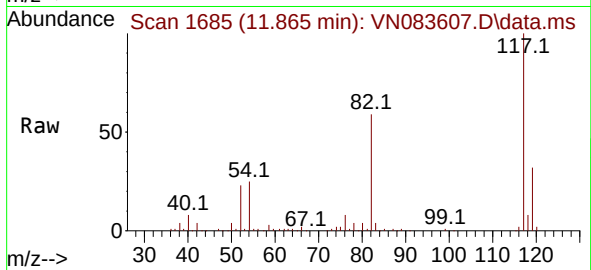




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

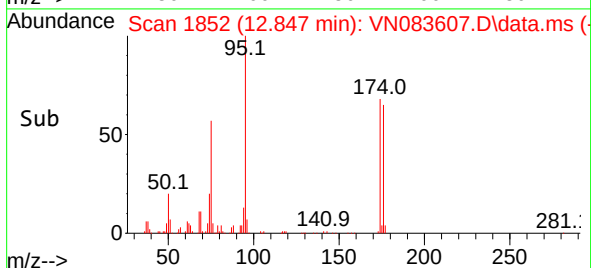
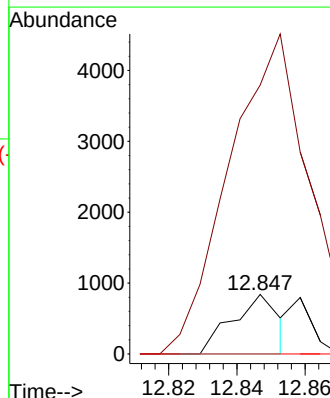
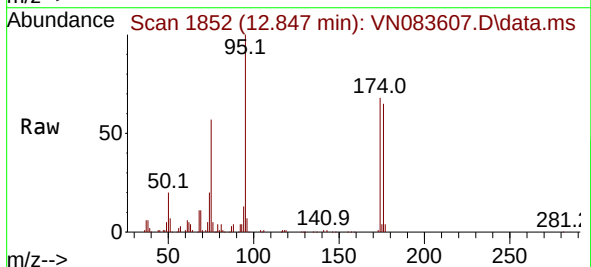
Instrument :
MSVOA_N
ClientSampleId :

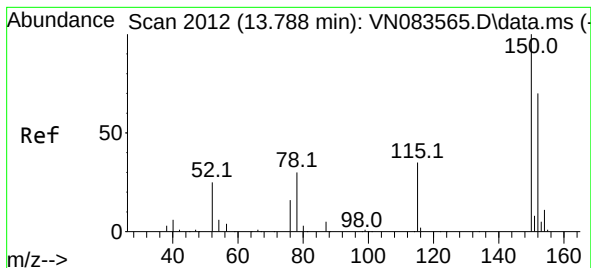
Tgt Ion:117 Resp: 315193
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 32.4 26.3 39.5



#71
Bromoform
Concen: 0.471 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083607.D
Acq: 31 Aug 2024 10:09

Tgt Ion:173 Resp: 801
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN083607.D

Acq: 31 Aug 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

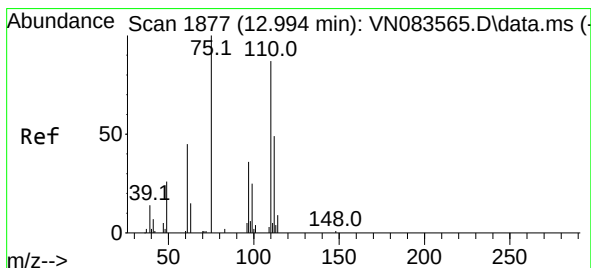
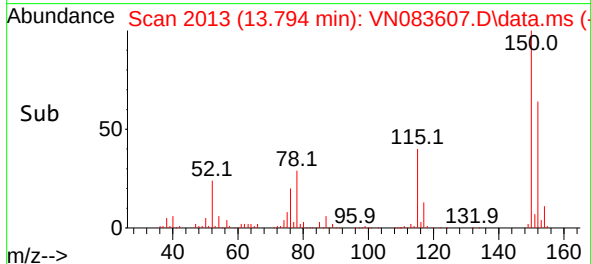
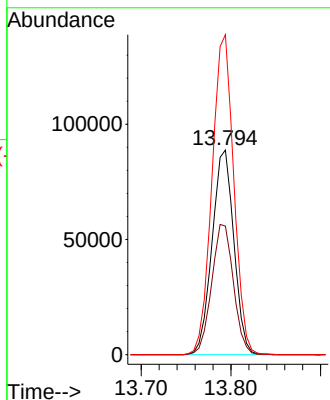
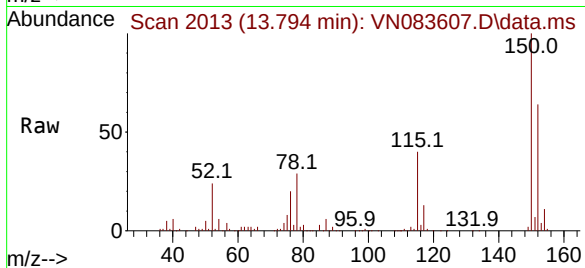
Tgt Ion:152 Resp: 149884

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 156.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.753 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083607.D

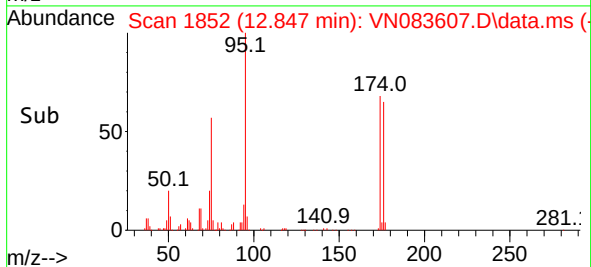
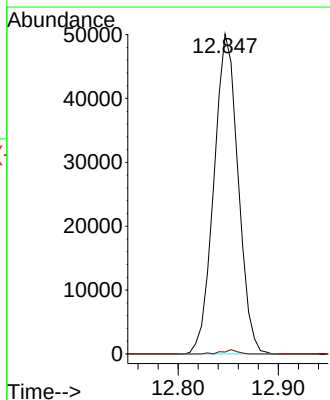
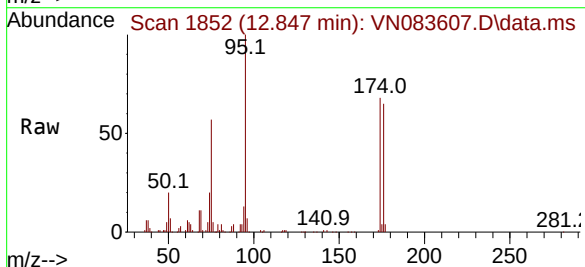
Acq: 31 Aug 2024 10:09

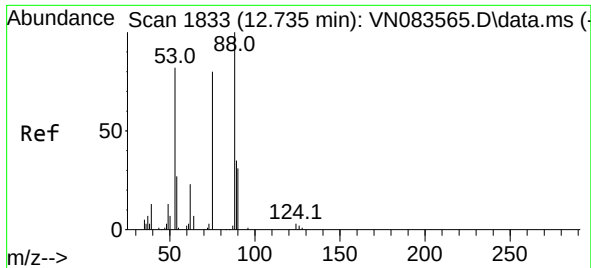
Tgt Ion: 75 Resp: 83985

Ion Ratio Lower Upper

75 100

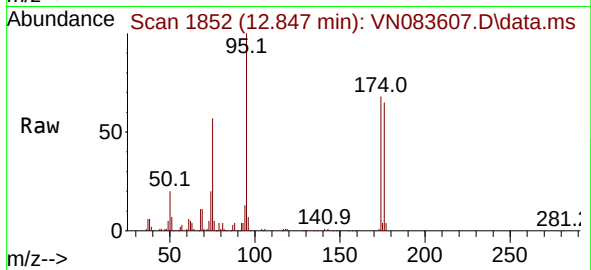
77 0.8 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.458 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083607.D
 Acq: 31 Aug 2024 10:09

Instrument :
 MSVOA_N
 ClientSampleId :



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

