

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083031.D
 Acq On : 24 Jul 2024 16:06
 Operator : JC\MD
 Sample : P3338-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 25 02:40:37 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	8.230	168	142511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	287978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	115991	58.062	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.120%
35) Dibromofluoromethane	8.165	113	98280	54.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.380%
50) Toluene-d8	10.571	98	332748	49.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.853	95	106834	44.403	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.800%

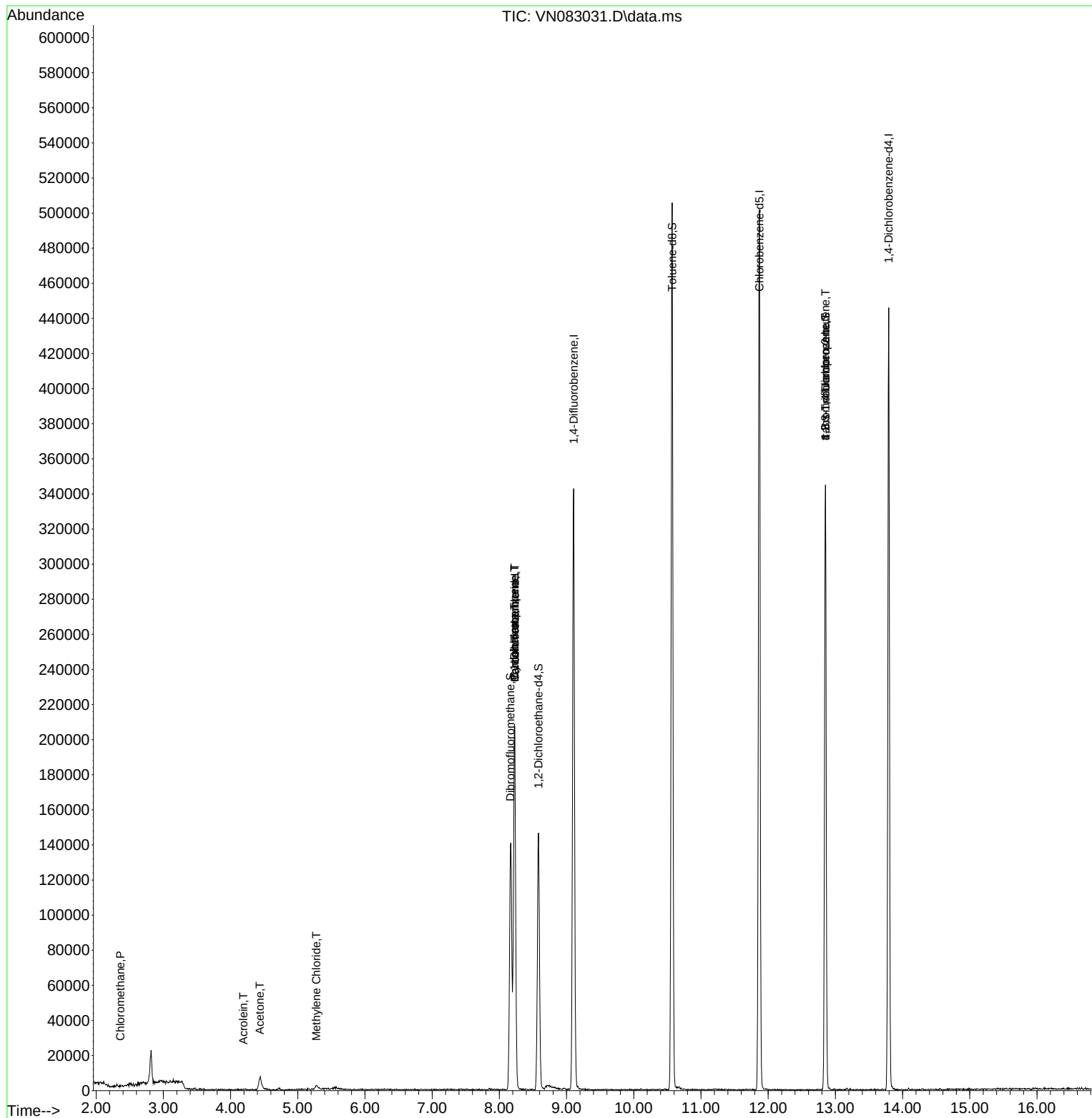
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	737	0.421	ug/l #	43
13) Acrolein	4.189	56	63	0.260	ug/l #	78
16) Acetone	4.436	43	13807	19.631	ug/l	90
20) Methylene Chloride	5.277	84	1249	0.735	ug/l #	81
31) Cyclohexane	8.224	56	4433	1.697	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	13699	5.479	ug/l #	53
38) Carbon Tetrachloride	8.230	117	15774	5.240	ug/l #	16
43) Isopropyl Acetate	8.694	43	916	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.853	75	62858	32.154	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	62858	63.237	ug/l #	6

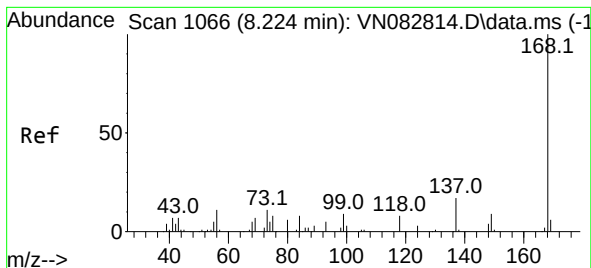
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.001 min

Lab File: VN083031.D

Acq: 24 Jul 2024 16:06

Instrument :

MSVOA_N

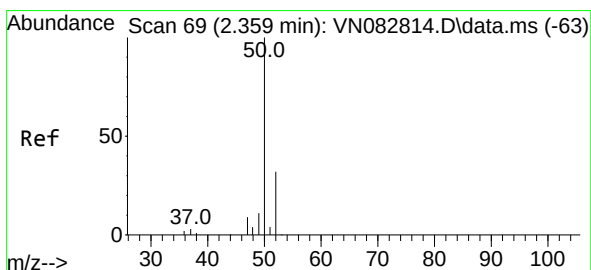
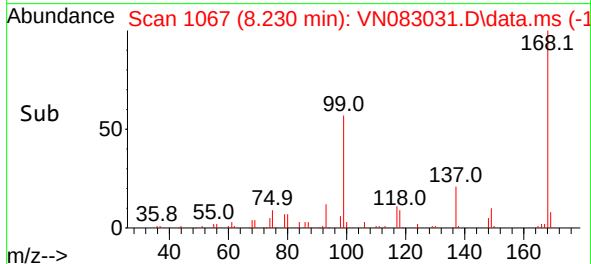
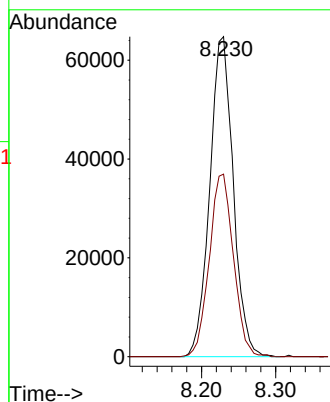
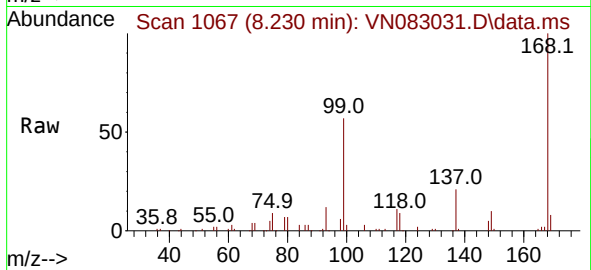
ClientSampleId :

Tgt Ion:168 Resp: 142511

Ion Ratio Lower Upper

168 100

99 57.0 48.2 72.4



#3

Chloromethane

Concen: 0.421 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083031.D

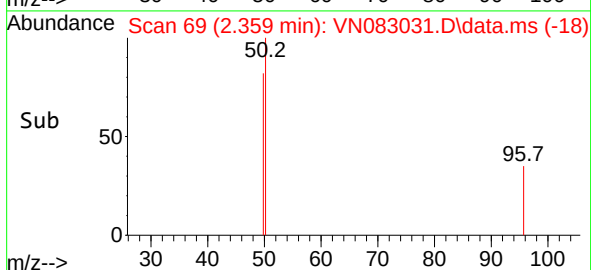
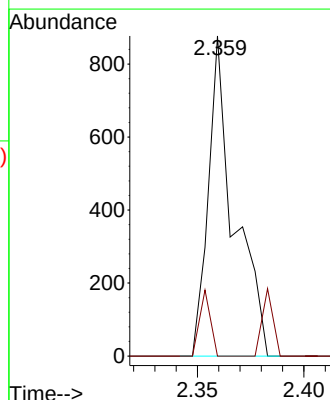
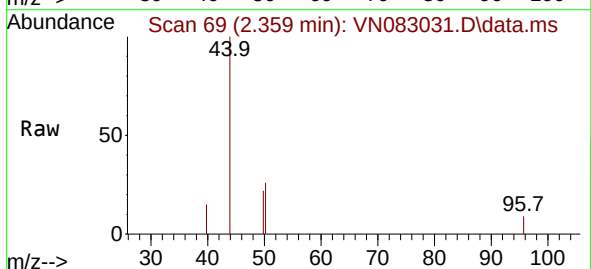
Acq: 24 Jul 2024 16:06

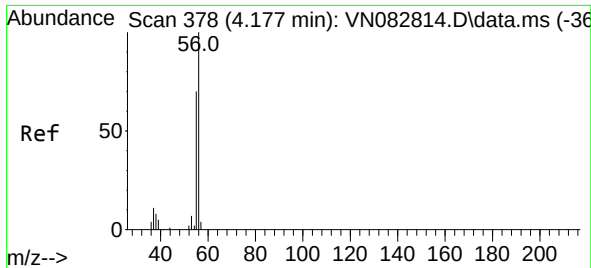
Tgt Ion: 50 Resp: 737

Ion Ratio Lower Upper

50 100

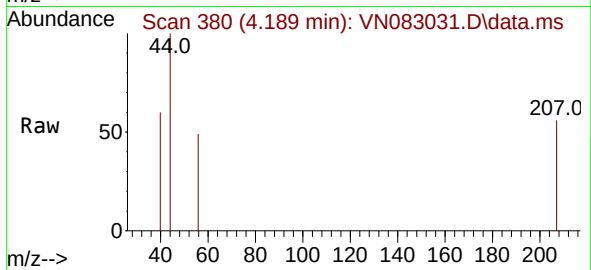
52 0.0 25.0 37.4#



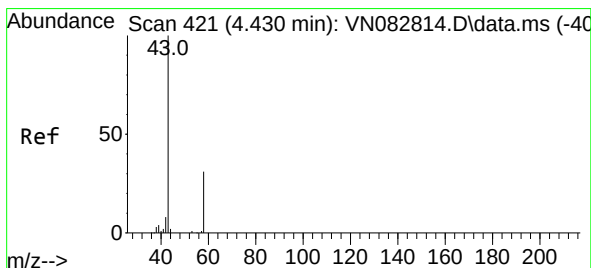
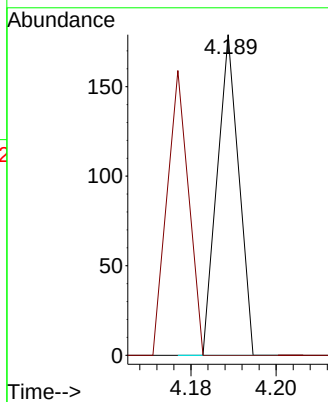
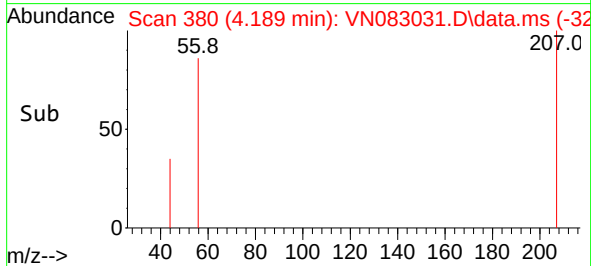


#13
Acrolein
Concen: 0.260 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

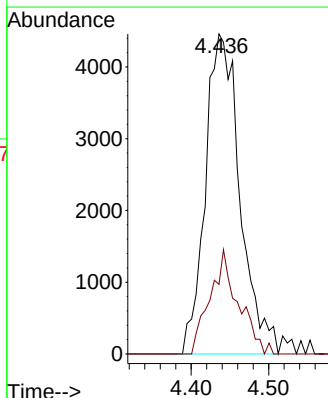
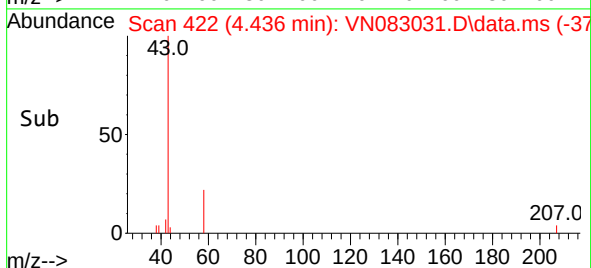
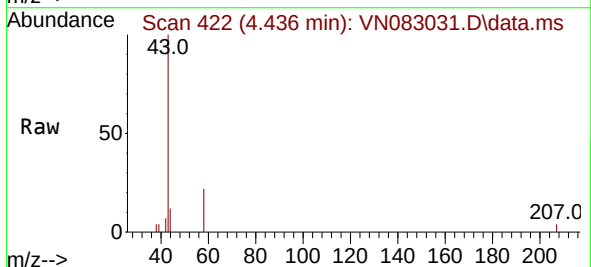


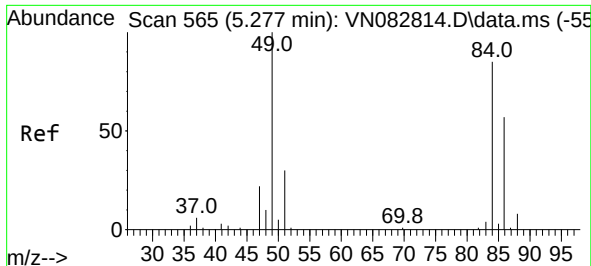
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 88.9 56.4 84.6#



#16
Acetone
Concen: 19.631 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

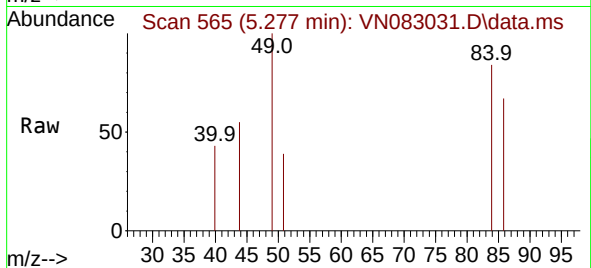
Tgt Ion: 43 Resp: 13807
Ion Ratio Lower Upper
43 100
58 21.8 21.8 32.6



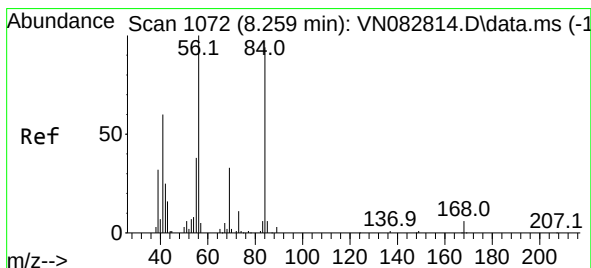
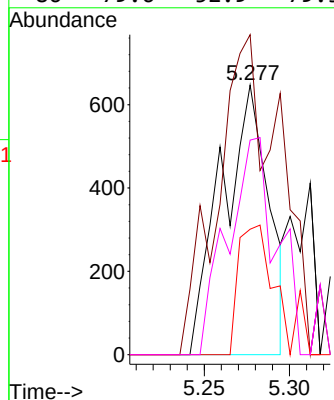


#20
Methylene Chloride
Concen: 0.735 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

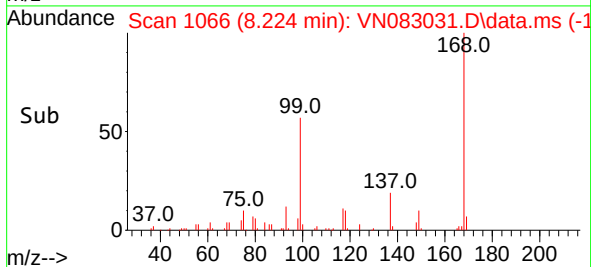
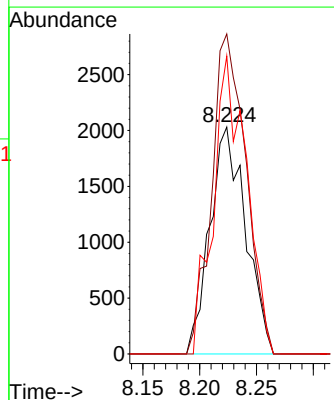
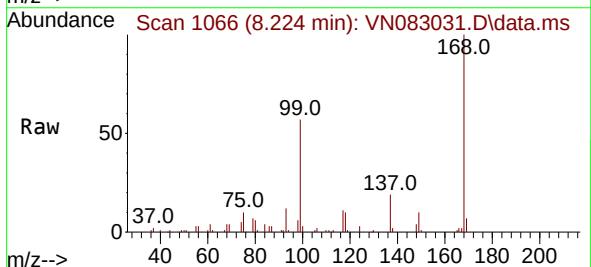


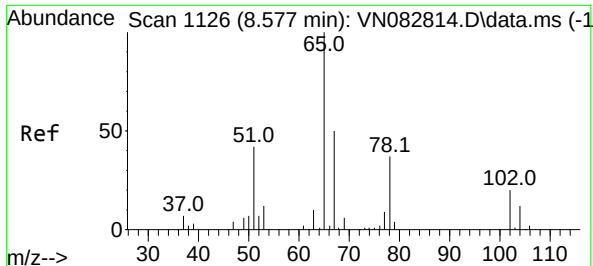
Tgt Ion:	84	Resp:	1249
Ion	Ratio	Lower	Upper
84	100		
49	118.7	119.6	179.4#
51	46.5	34.8	52.2
86	79.6	52.9	79.3#



#31
Cyclohexane
Concen: 1.697 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Tgt Ion:	56	Resp:	4433
Ion	Ratio	Lower	Upper
56	100		
69	141.1	24.5	36.7#
84	131.3	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 58.062 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083031.D

Acq: 24 Jul 2024 16:06

Instrument :

MSVOA_N

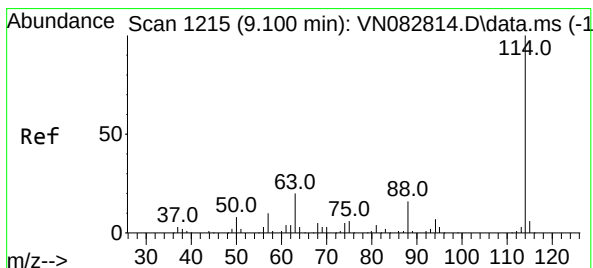
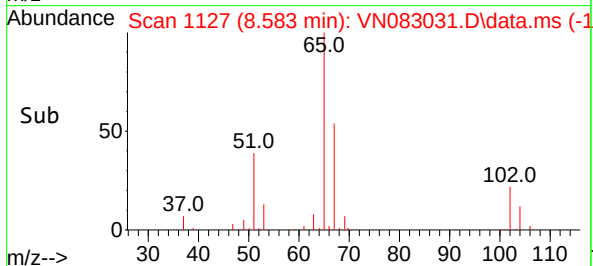
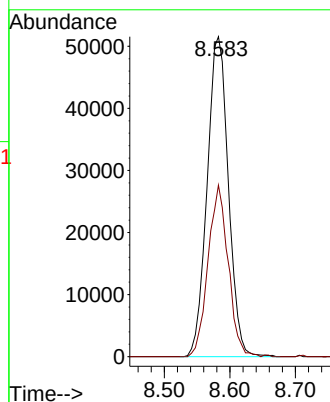
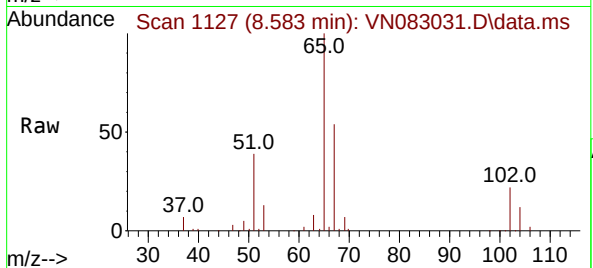
ClientSampleId :

Tgt Ion: 65 Resp: 115991

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN083031.D

Acq: 24 Jul 2024 16:06

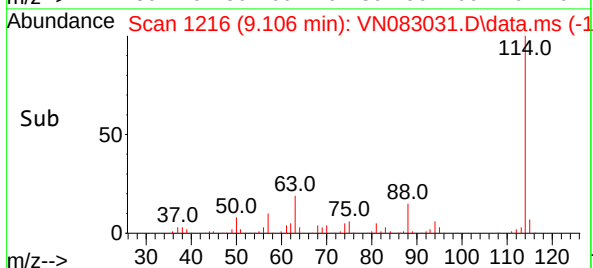
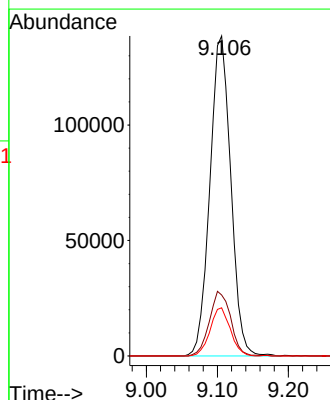
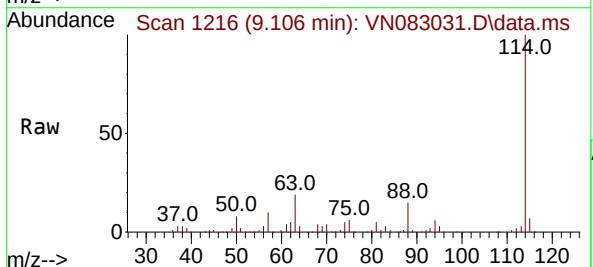
Tgt Ion: 114 Resp: 282618

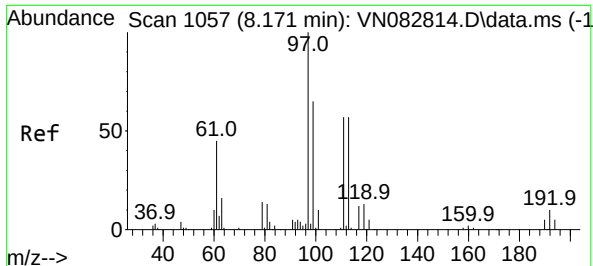
Ion Ratio Lower Upper

114 100

63 19.0 0.0 44.6

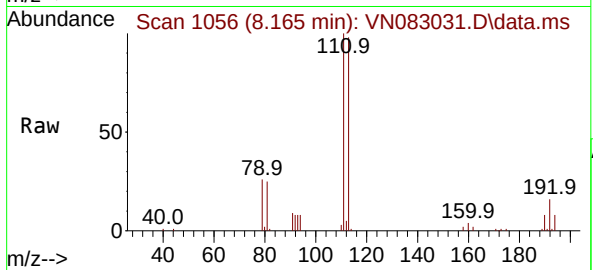
88 15.1 0.0 31.4



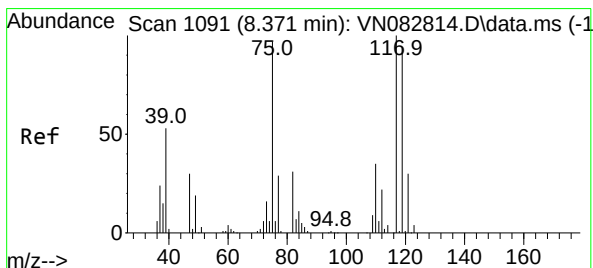
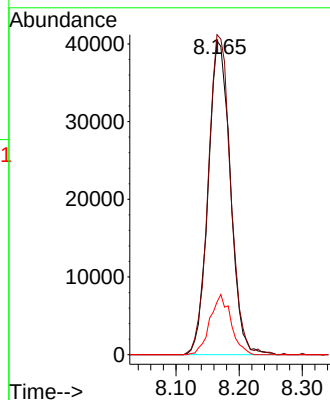
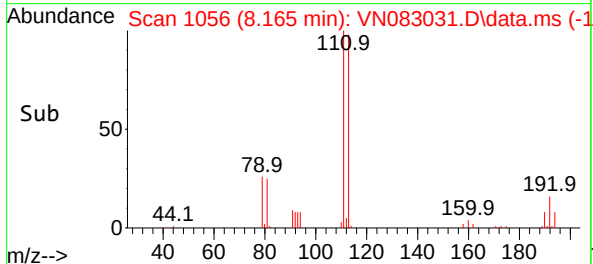


#35
Dibromofluoromethane
Concen: 54.194 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

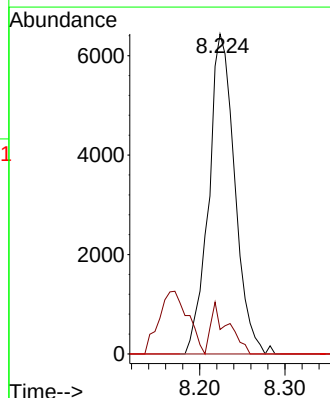
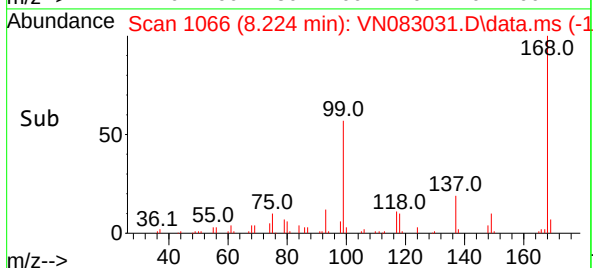
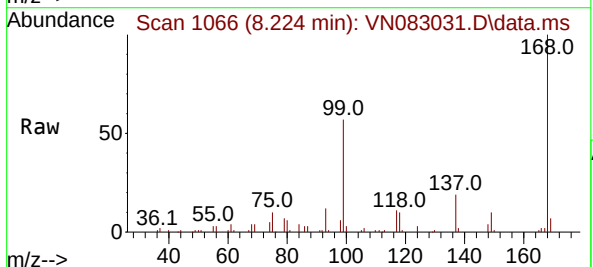


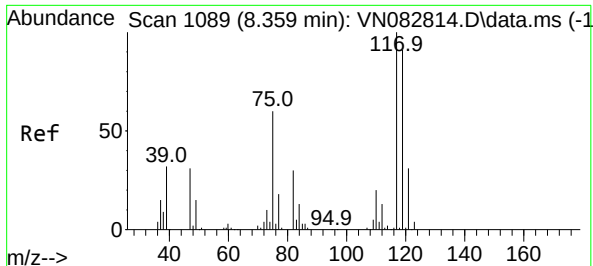
Tgt Ion:113 Resp: 98280
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.479 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

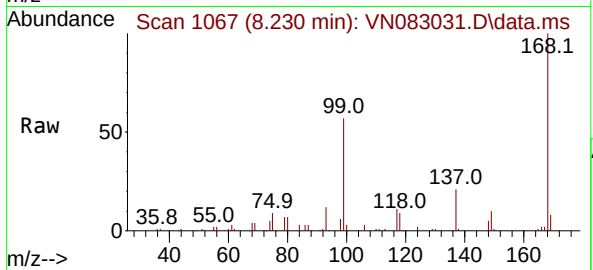
Tgt Ion: 75 Resp: 13699
Ion Ratio Lower Upper
75 100
110 10.6 16.3 48.9#
77 0.0 24.6 37.0#



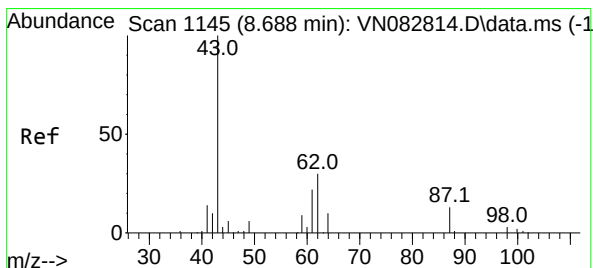
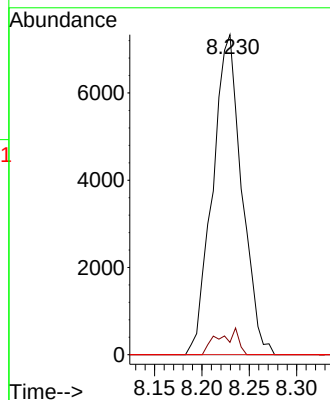
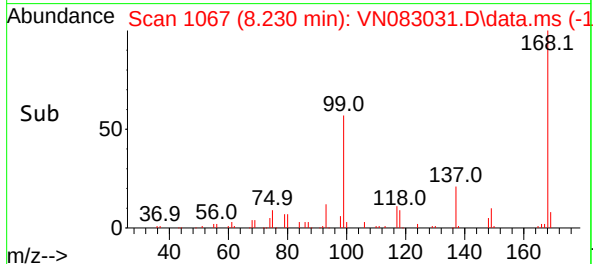


#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Instrument :
MSVOA_N
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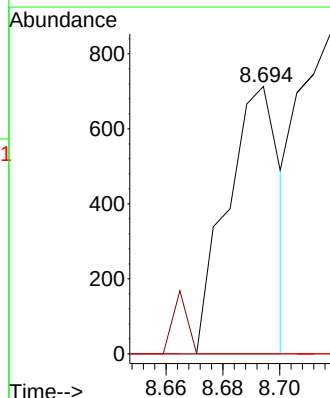
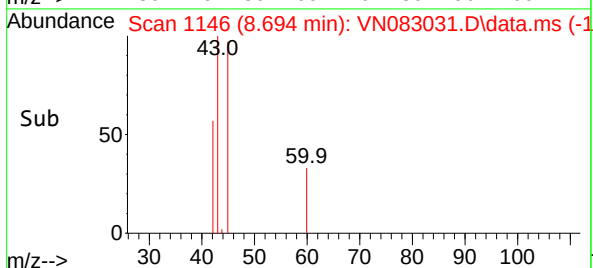
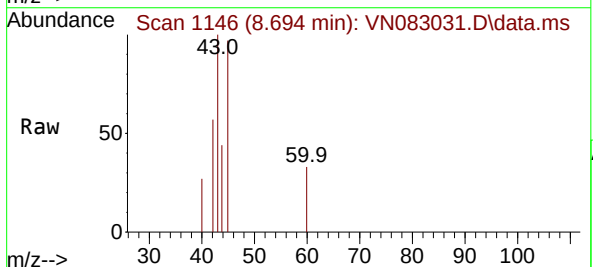


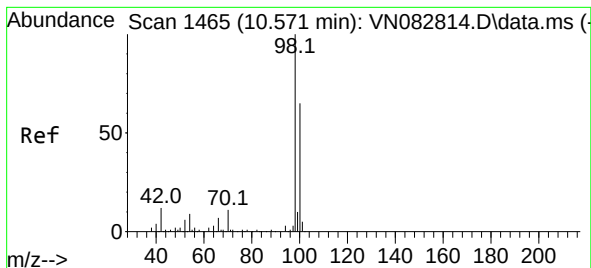
Tgt Ion:117 Resp: 15774
Ion Ratio Lower Upper
117 100
119 3.8 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

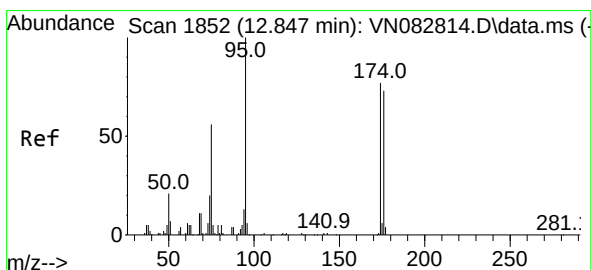
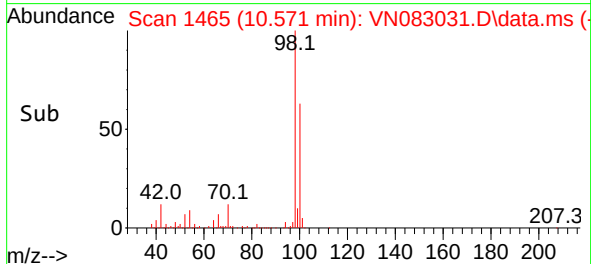
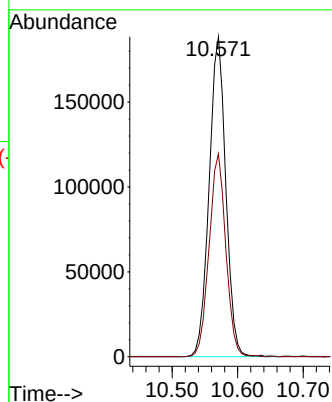
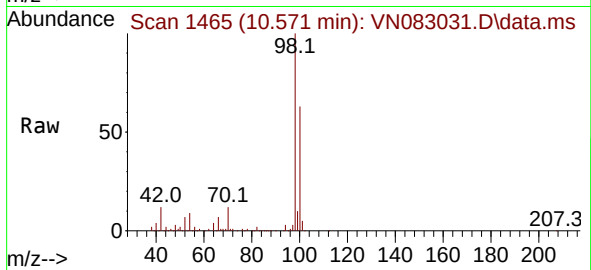




#50
Toluene-d8
Concen: 49.678 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

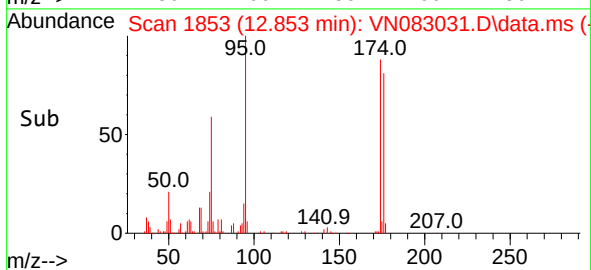
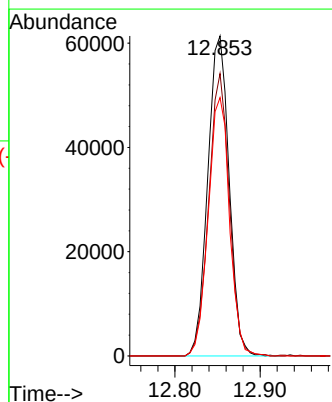
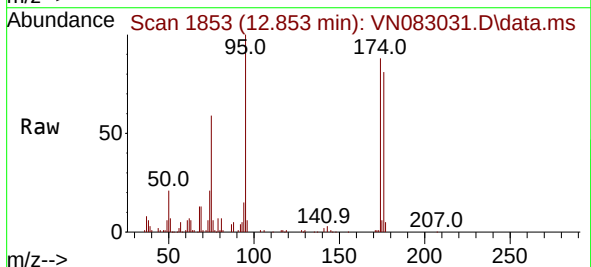
Instrument :
MSVOA_N
ClientSampleId :

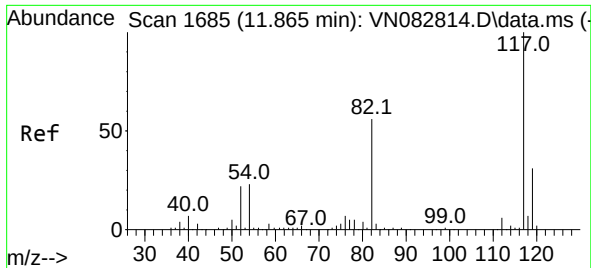
Tgt Ion: 98 Resp: 332748
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 44.403 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Tgt Ion: 95 Resp: 106834
Ion Ratio Lower Upper
95 100
174 85.5 0.0 159.2
176 80.5 0.0 147.6

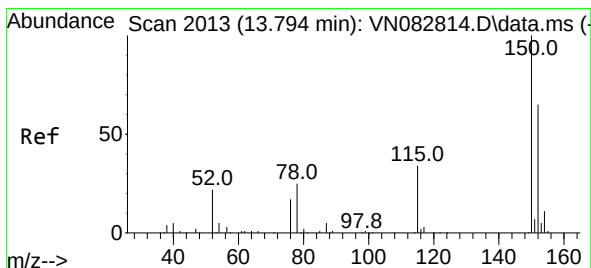
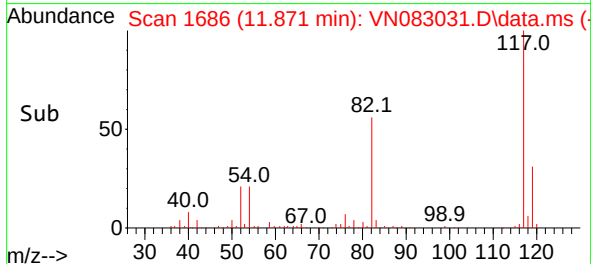
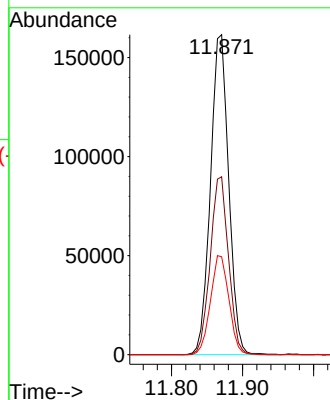
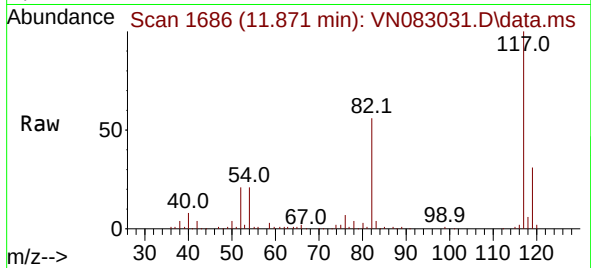




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

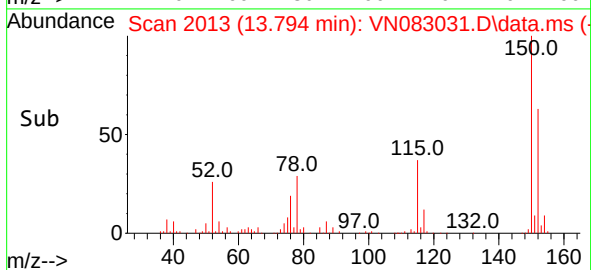
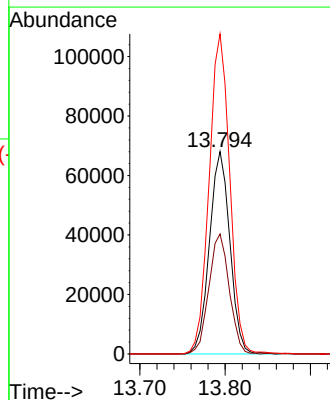
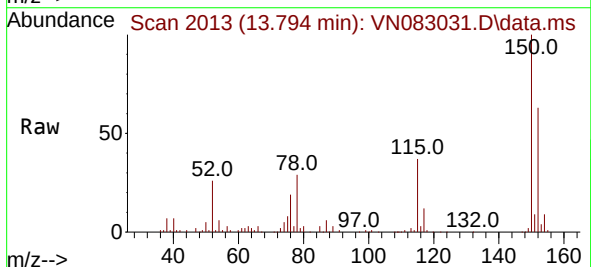
Instrument :
MSVOA_N
ClientSampleId :

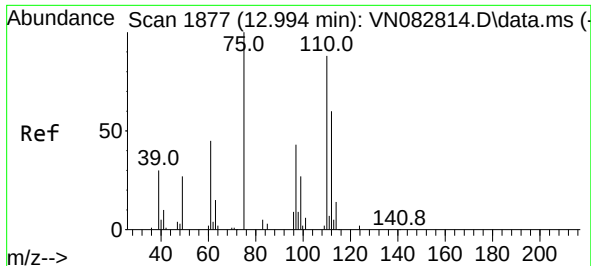
Tgt Ion:117 Resp: 287978
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 30.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Tgt Ion:152 Resp: 113390
Ion Ratio Lower Upper
152 100
115 59.2 30.6 91.6
150 159.4 0.0 348.6

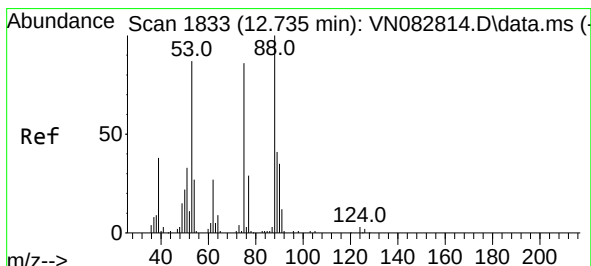
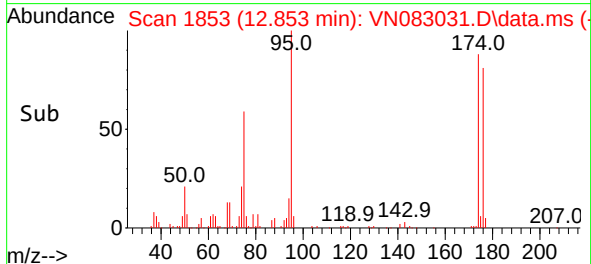
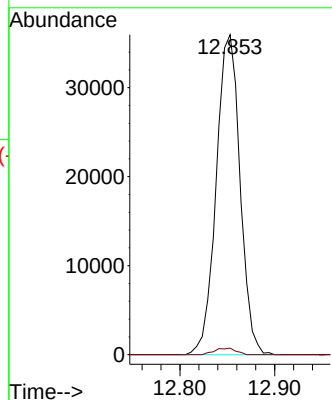
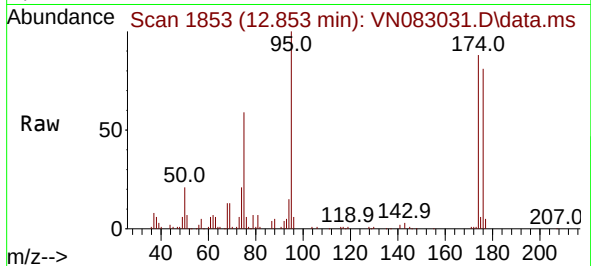




#76
1,2,3-Trichloropropane
Concen: 32.154 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 62858
Ion Ratio Lower Upper
75 100
77 1.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.237 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083031.D
Acq: 24 Jul 2024 16:06

Tgt Ion: 75 Resp: 62858
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#

