

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083004.D
 Acq On : 22 Jul 2024 15:12
 Operator : JC\MD
 Sample : P3323-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 23 03:51:16 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	72363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	139452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	140228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	57075	56.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.540%
35) Dibromofluoromethane	8.171	113	47446	53.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.040%
50) Toluene-d8	10.571	98	164115	49.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.853	95	51812	43.642	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.280%

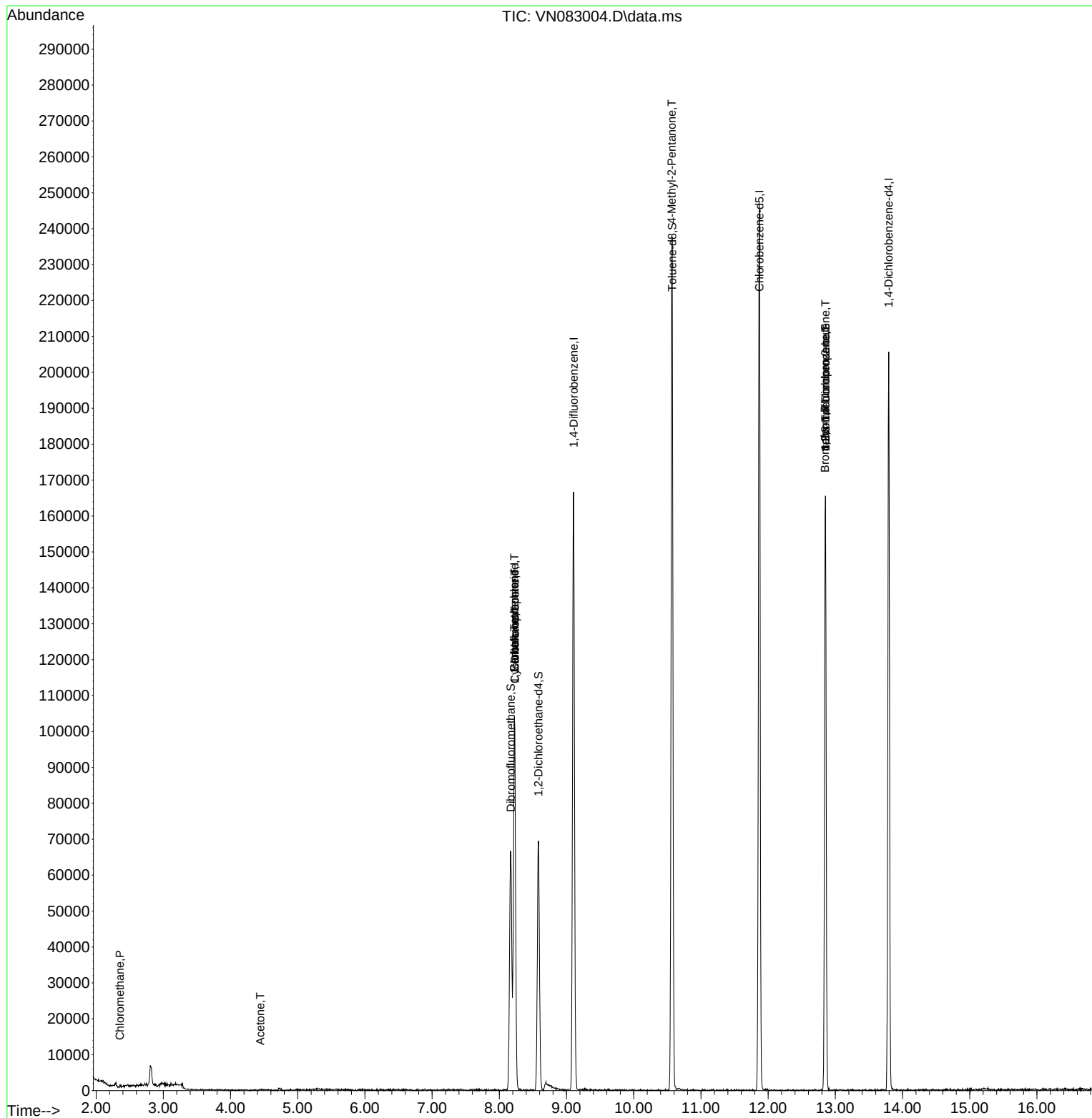
Target Compounds					Qvalue	
3) Chloromethane	2.354	50	415	0.467	ug/l #	43
16) Acetone	4.442	43	698	1.954	ug/l #	48
31) Cyclohexane	8.230	56	2029	1.530	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	7099	5.754	ug/l #	49
38) Carbon Tetrachloride	8.224	117	8190	5.513	ug/l #	17
43) Isopropyl Acetate	8.694	43	2213	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	623	0.500	ug/l #	1
71) Bromoform	12.847	173	428	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	29552	31.358	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	29552	61.672	ug/l #	6

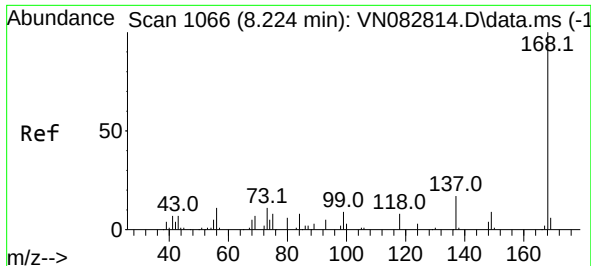
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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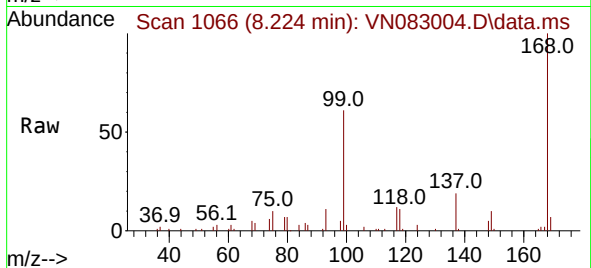
Quant Time: Jul 23 03:51:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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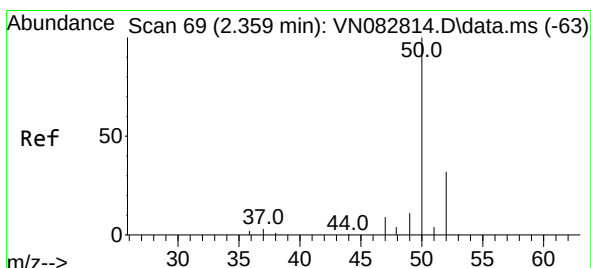
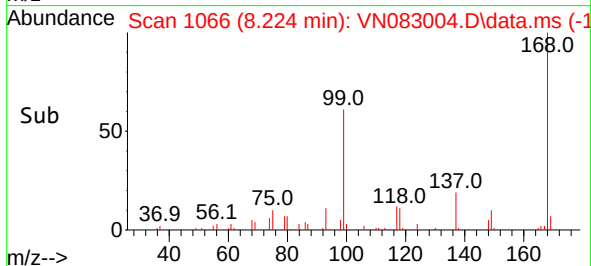
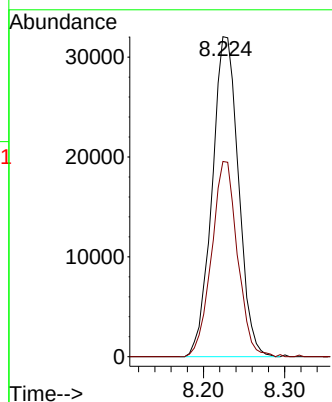


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :

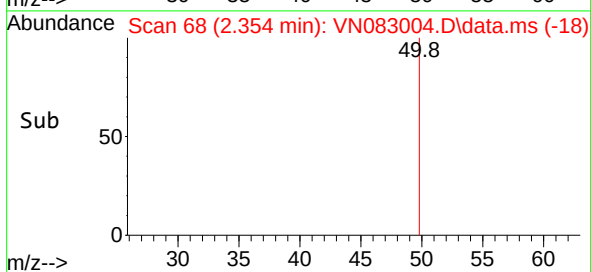
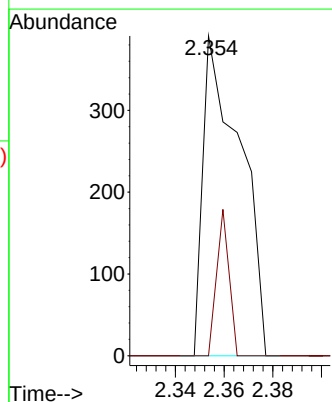
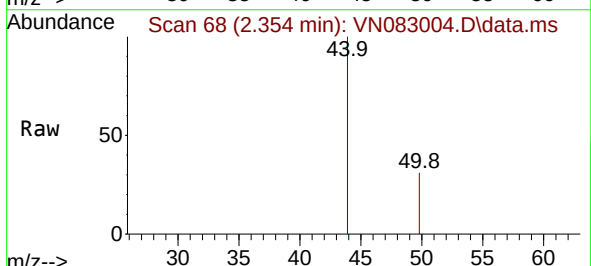


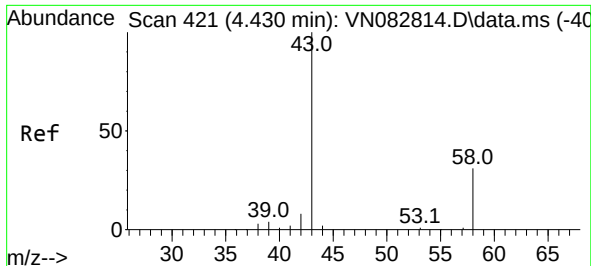
Tgt Ion:168 Resp: 72363
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#3
Chloromethane
Concen: 0.467 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

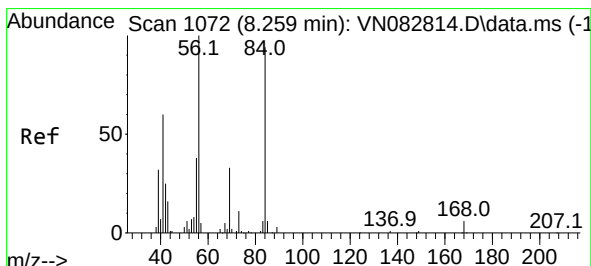
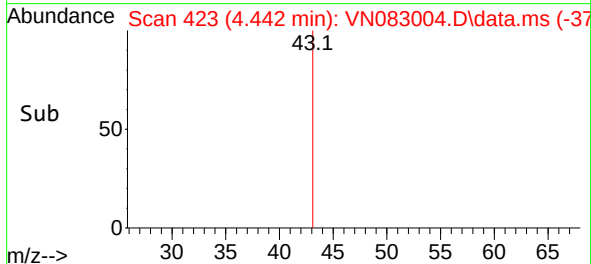
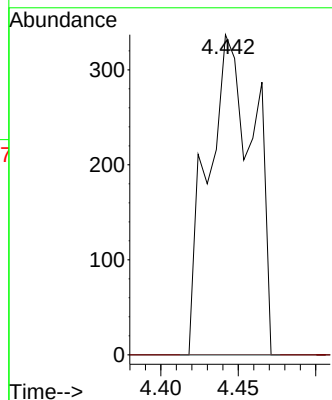
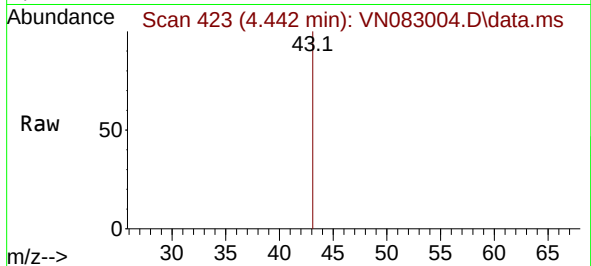




#16
Acetone
Concen: 1.954 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

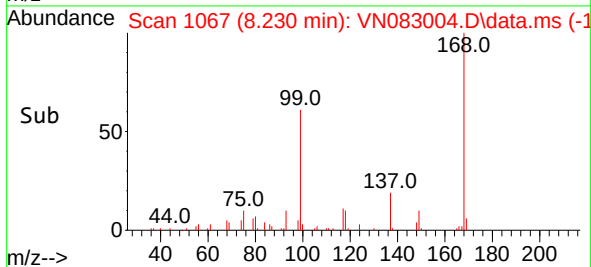
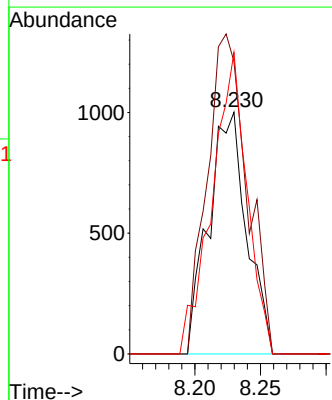
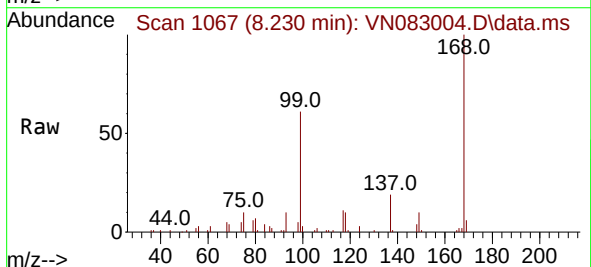
Instrument :
MSVOA_N
ClientSampleId :

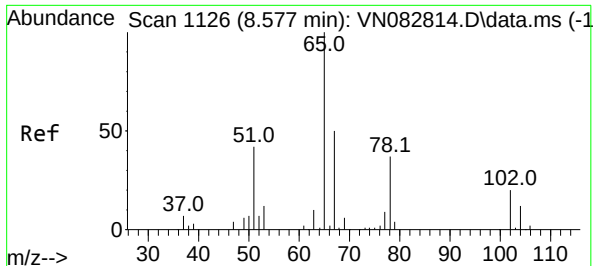
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.530 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

Tgt Ion: 56 Resp: 2029
Ion Ratio Lower Upper
56 100
69 121.0 24.5 36.7#
84 124.8 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.266 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083004.D

Acq: 22 Jul 2024 15:12

Instrument :

MSVOA_N

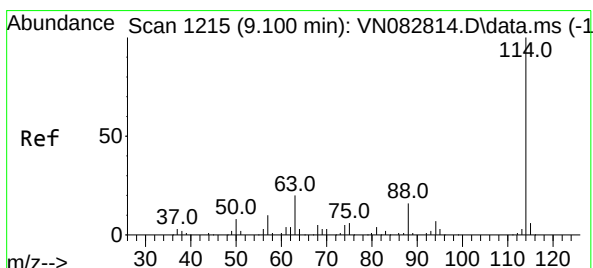
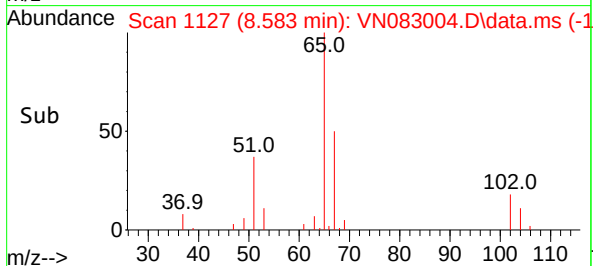
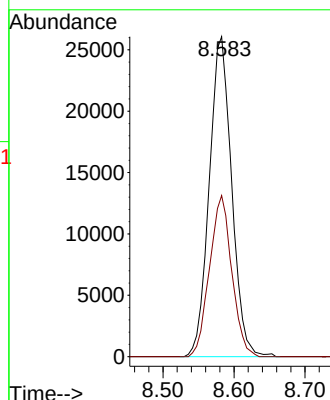
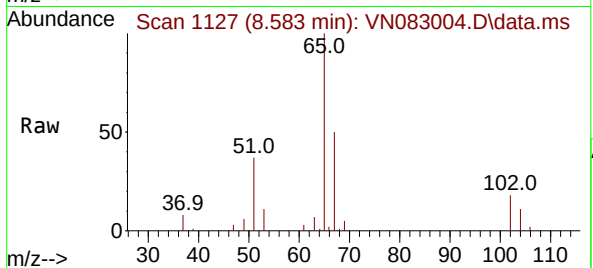
ClientSampleId :

Tgt Ion: 65 Resp: 57075

Ion Ratio Lower Upper

65 100

67 49.9 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: VN083004.D

Acq: 22 Jul 2024 15:12

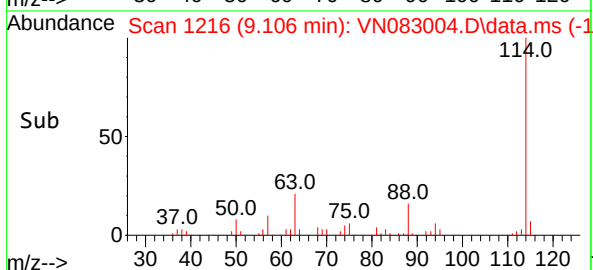
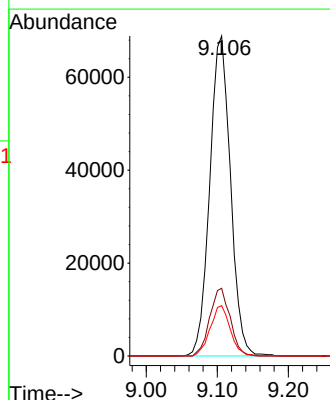
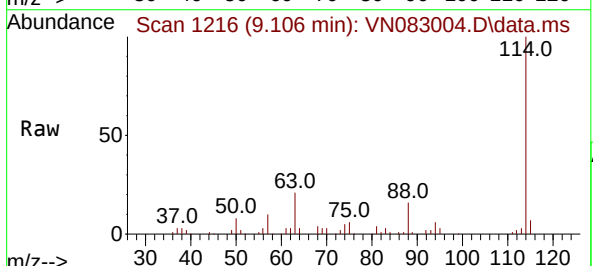
Tgt Ion: 114 Resp: 139452

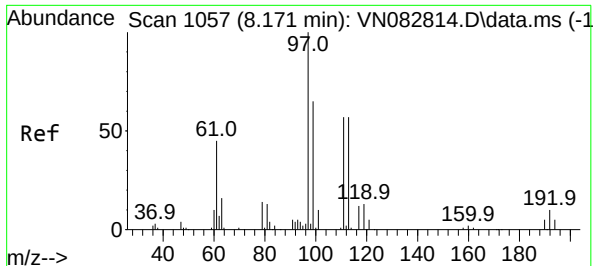
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.022 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

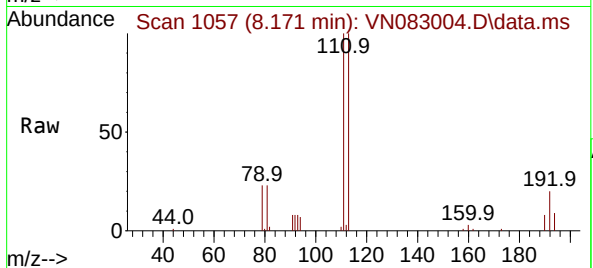
Lab File: VN083004.D

Acq: 22 Jul 2024 15:12

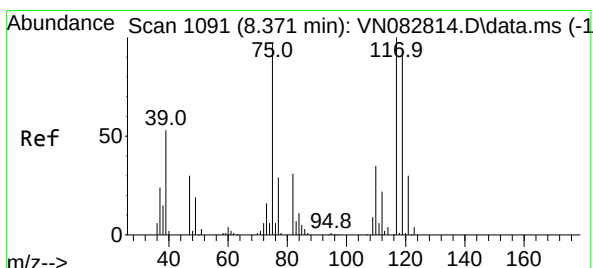
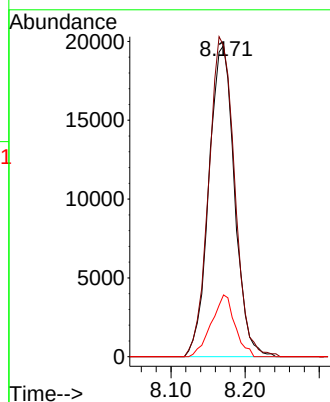
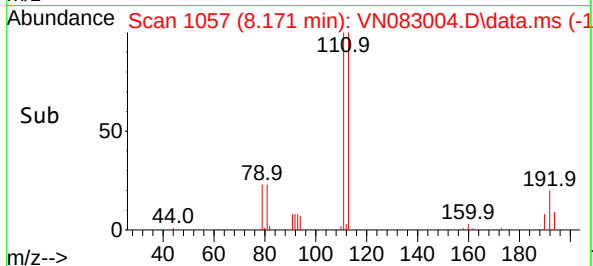
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	47446
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	18.2	14.9	22.3



#36

1,1-Dichloropropene

Concen: 5.754 ug/l

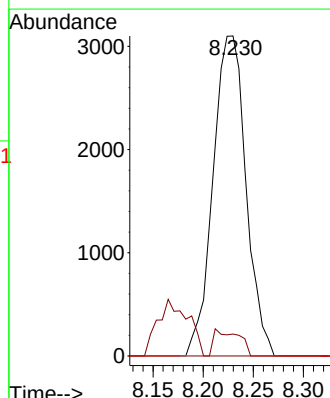
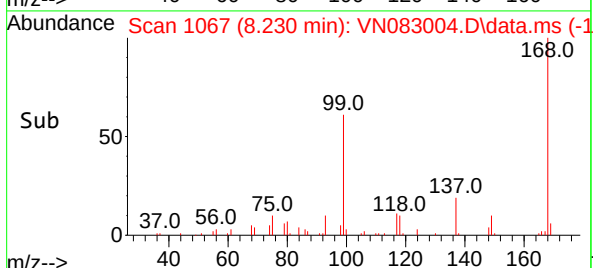
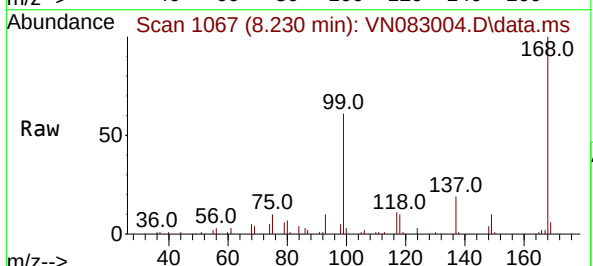
RT: 8.230 min Scan# 1067

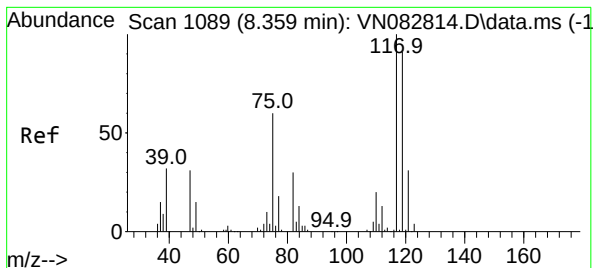
Delta R.T. -0.141 min

Lab File: VN083004.D

Acq: 22 Jul 2024 15:12

Tgt Ion:	75	Resp:	7099
Ion	Ratio	Lower	Upper
75	100		
110	6.2	16.3	48.9#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.513 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

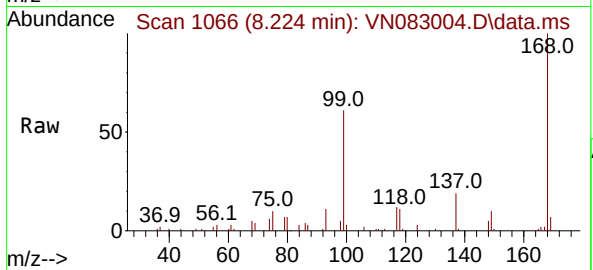
Lab File: VN083004.D

Acq: 22 Jul 2024 15:12

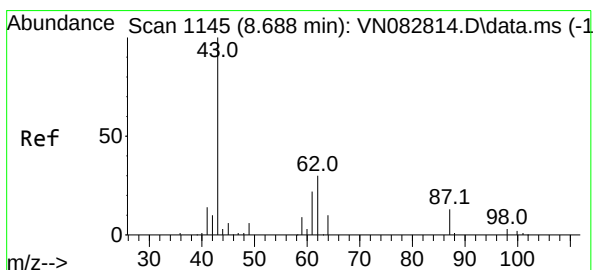
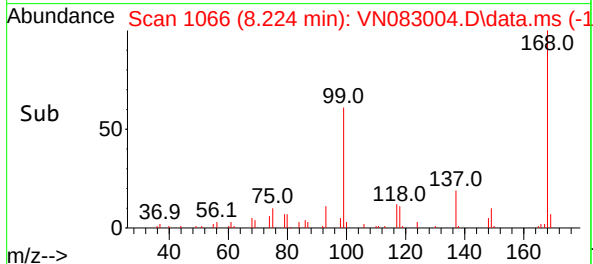
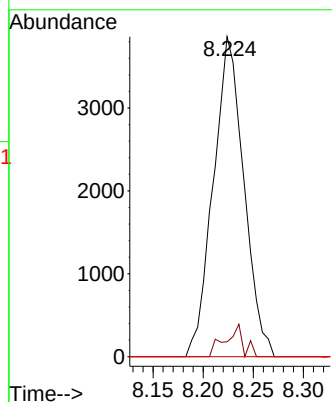
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	8190
Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: Below Cal

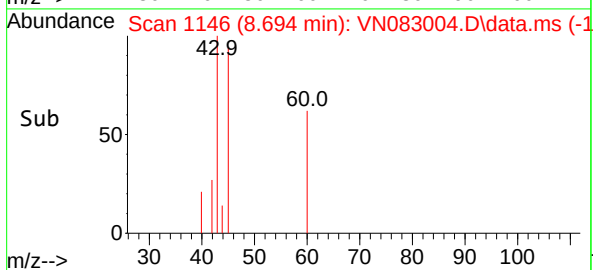
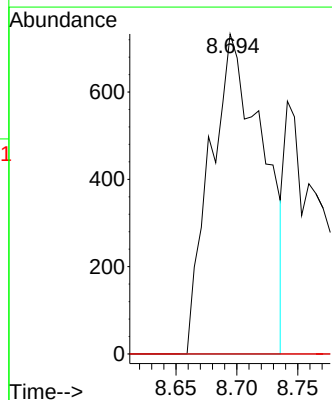
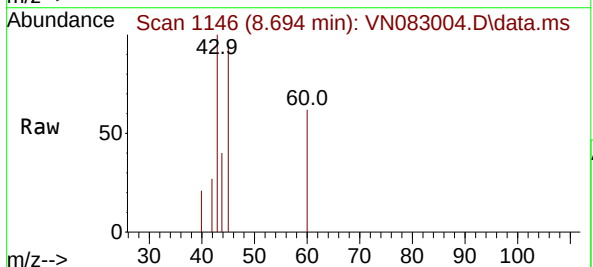
RT: 8.694 min Scan# 1146

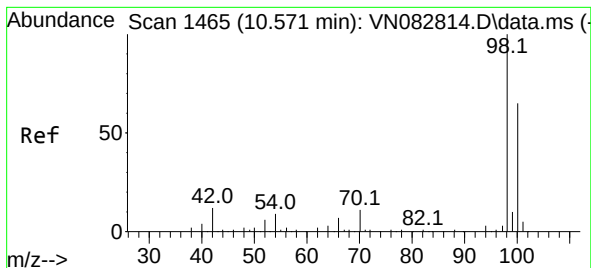
Delta R.T. 0.000 min

Lab File: VN083004.D

Acq: 22 Jul 2024 15:12

Tgt Ion:	43	Resp:	2213
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#





#50

Toluene-d8

Concen: 49.656 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083004.D

Acq: 22 Jul 2024 15:12

Instrument :

MSVOA_N

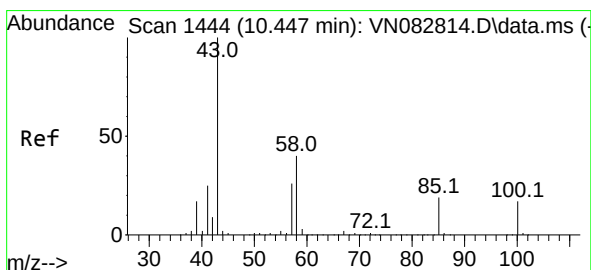
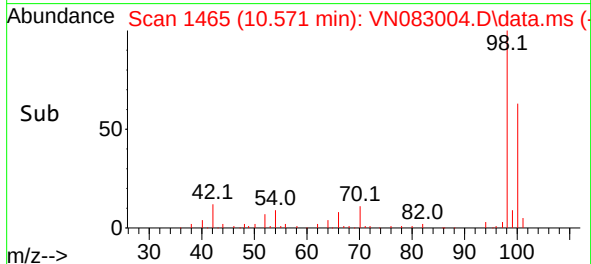
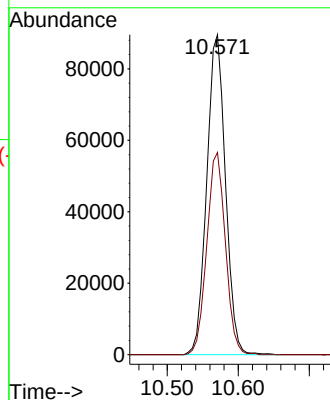
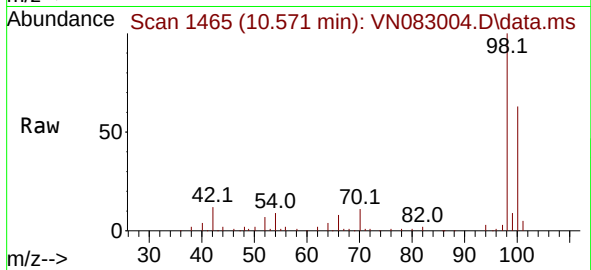
ClientSampleId :

Tgt Ion: 98 Resp: 164115

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.500 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083004.D

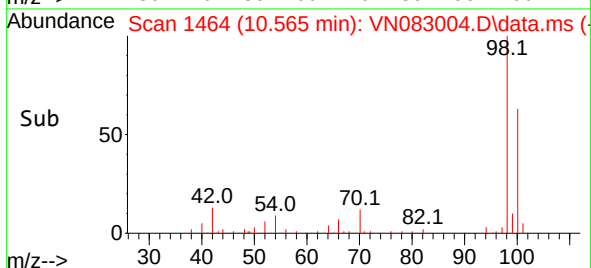
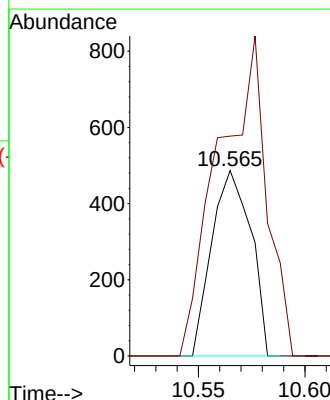
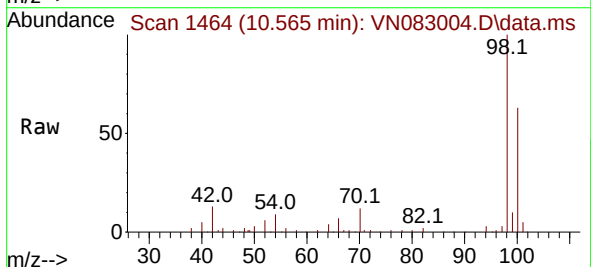
Acq: 22 Jul 2024 15:12

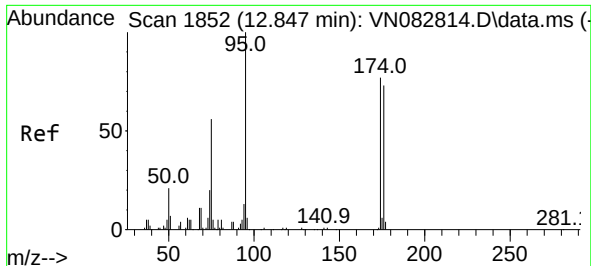
Tgt Ion: 43 Resp: 623

Ion Ratio Lower Upper

43 100

58 210.4 28.2 42.4#

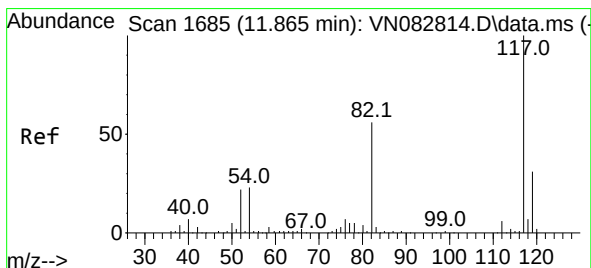
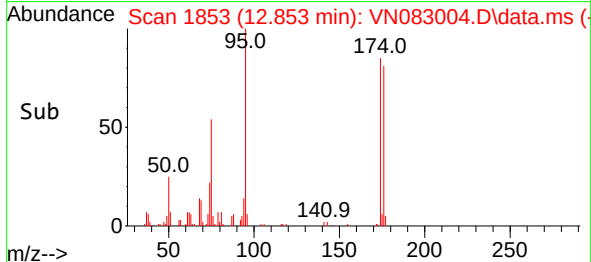
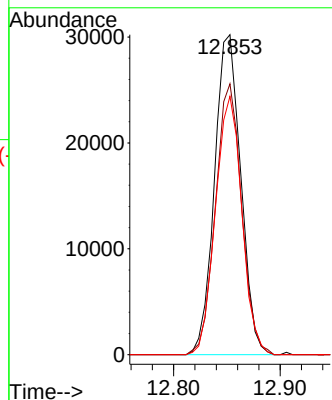
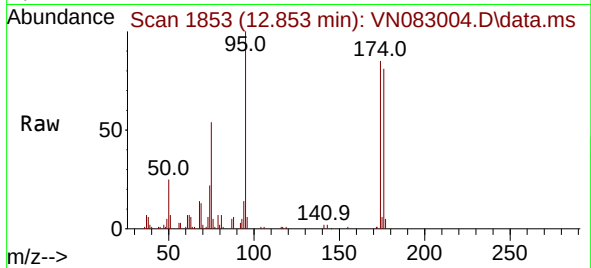




#62
4-Bromofluorobenzene
Concen: 43.642 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

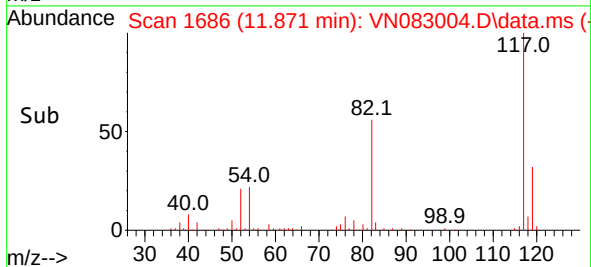
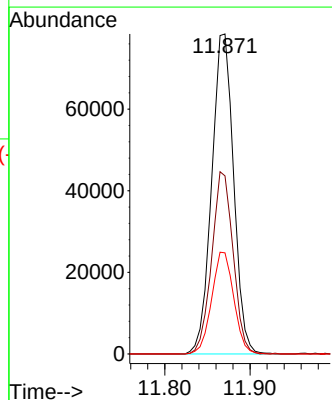
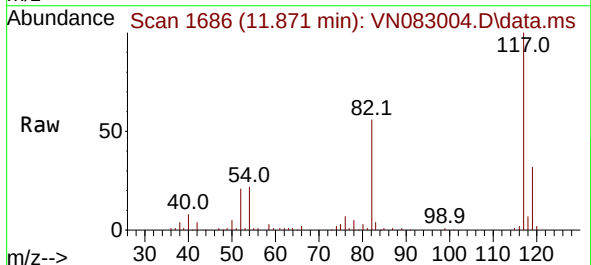
Instrument :
MSVOA_N
ClientSampleId :

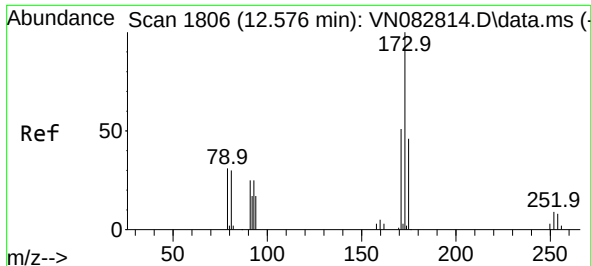
Tgt Ion: 95 Resp: 51812
Ion Ratio Lower Upper
95 100
174 84.3 0.0 159.2
176 81.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

Tgt Ion: 117 Resp: 140228
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 31.6 25.6 38.4

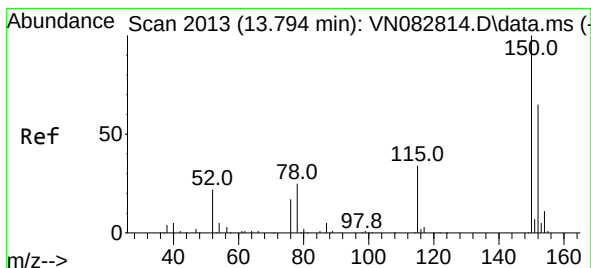
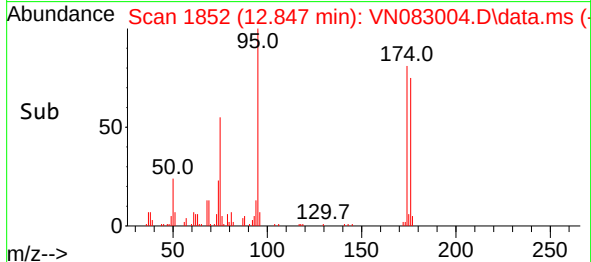
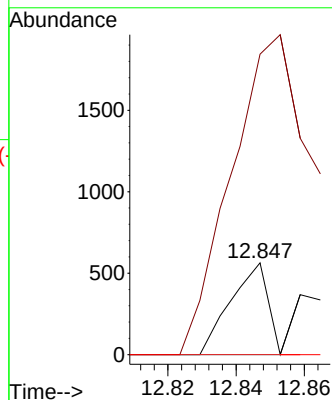
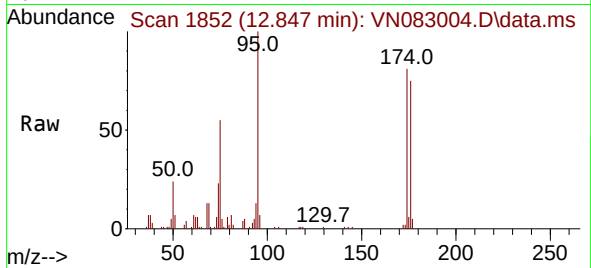




#71
Bromoform
Concen: 0.509 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

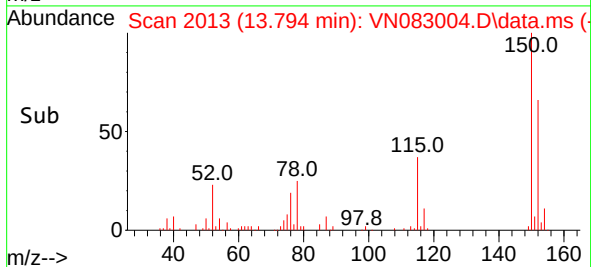
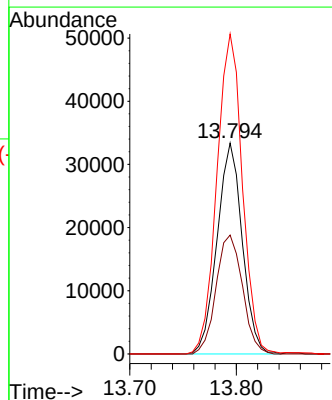
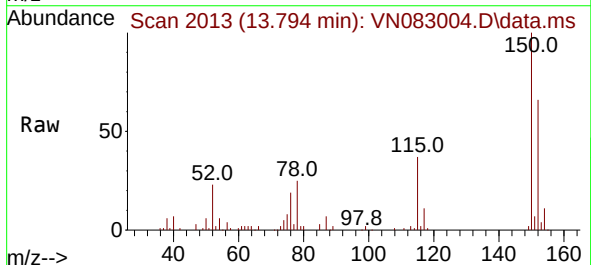
Instrument :
MSVOA_N
ClientSampleId :

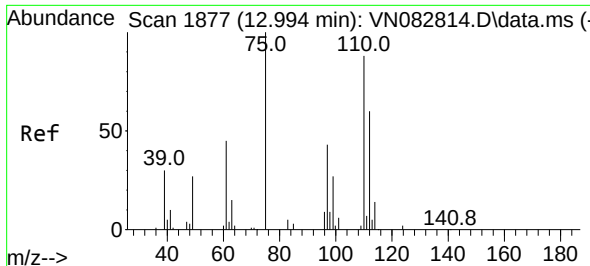
Tgt Ion:173 Resp: 428
Ion Ratio Lower Upper
173 100
175 630.4 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

Tgt Ion:152 Resp: 54662
Ion Ratio Lower Upper
152 100
115 59.0 30.6 91.6
150 154.5 0.0 348.6

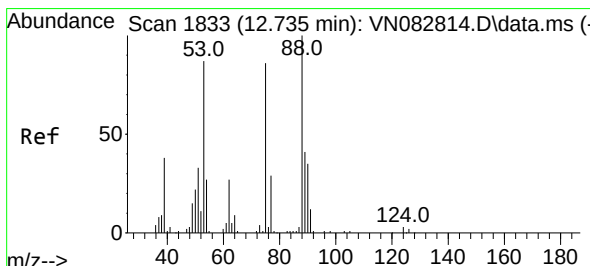
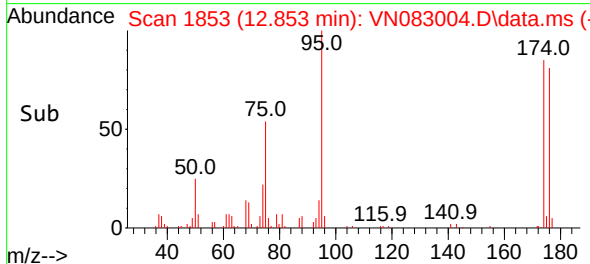
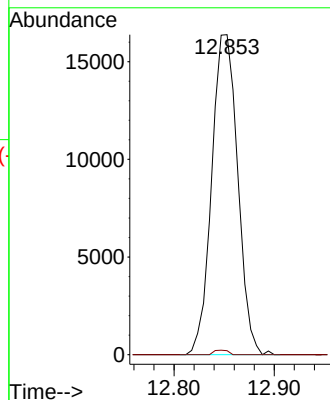
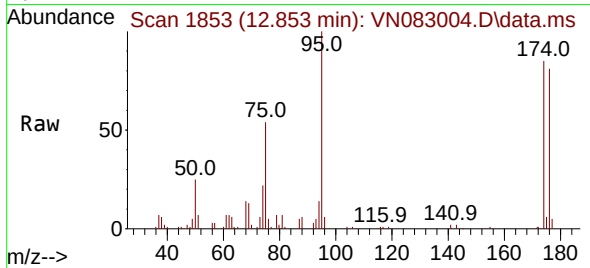




#76
1,2,3-Trichloropropane
Concen: 31.358 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 29552
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.672 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083004.D
Acq: 22 Jul 2024 15:12

Tgt Ion: 75 Resp: 29552
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

