

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084425.D
 Acq On : 18 Oct 2024 13:29
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 03:51:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

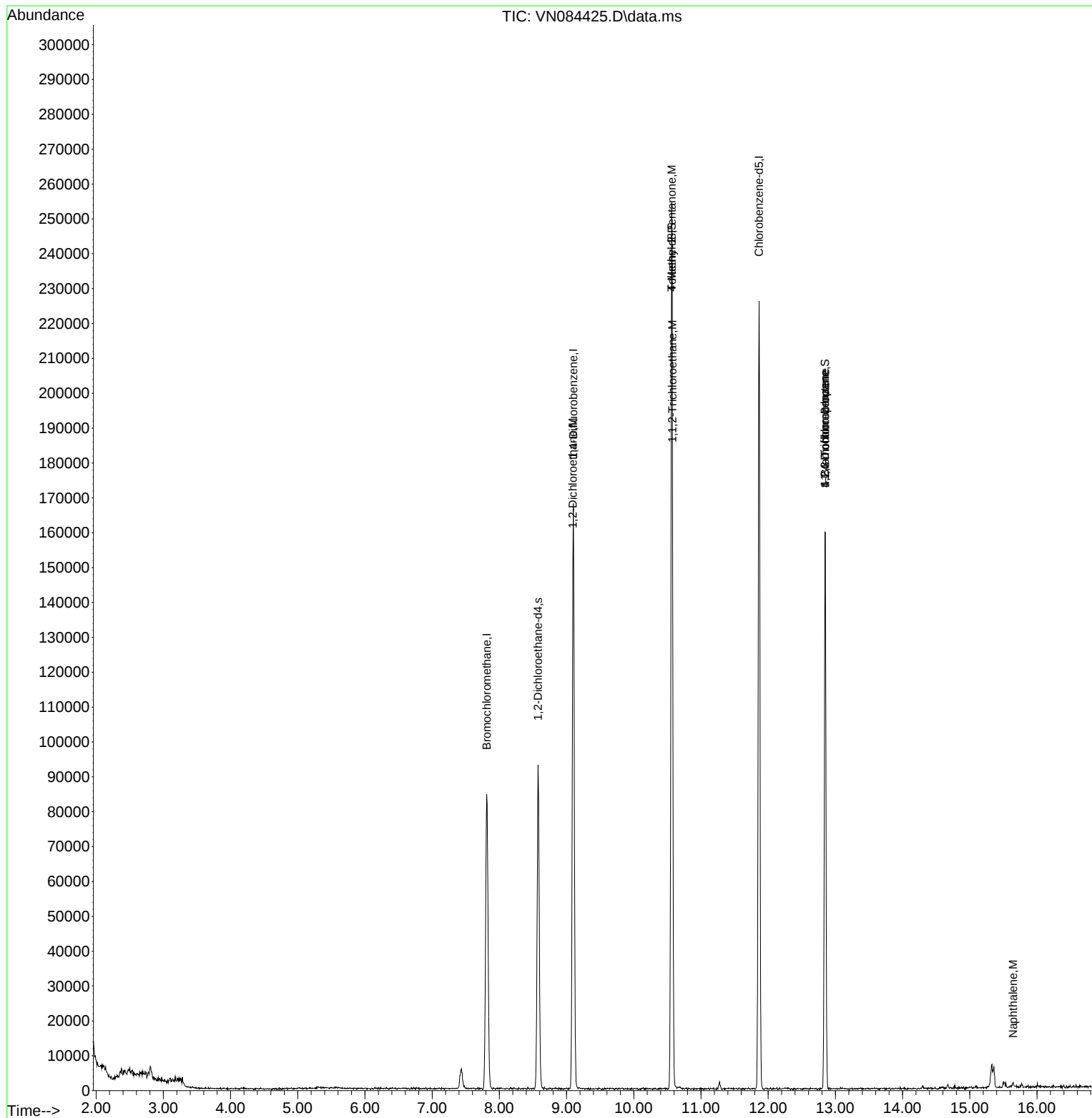
Internal Standards						
1) Bromochloromethane	7.812	128	30606	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	141288	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	132385	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74474	30.224	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.733%
60) 4-Bromofluorobenzene	12.847	95	54106	24.764	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.533%
63) Toluene-d8	10.565	98	174046	28.379	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.600%
Target Compounds						
					Qvalue	
36) 1,2-Dichloroethane	9.094	62	4566	1.887	ug/l #	75
50) 1,1,2-Trichloroethane	10.577	97	5891	3.542	ug/l #	1
58) 4-Methyl-2-Pentanone	10.565	43	801	0.325	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	28195	13.540	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	28195	31.685	ug/l #	12
91) Naphthalene	15.647	128	2050	0.340	ug/l #	77

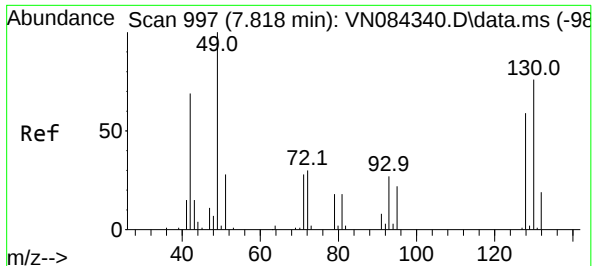
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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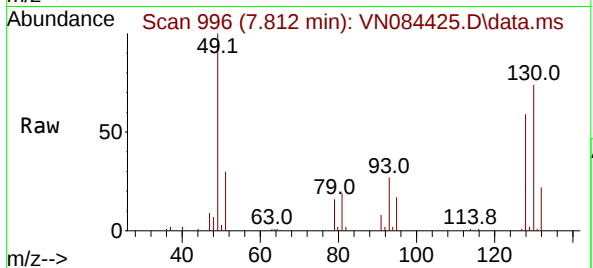
Quant Time: Oct 19 03:51:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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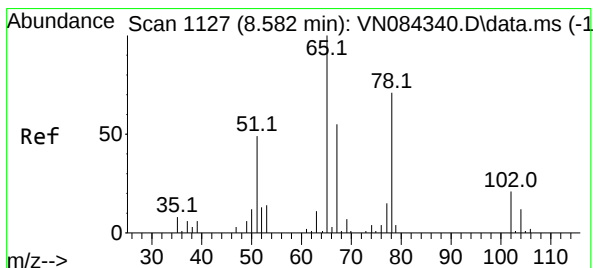
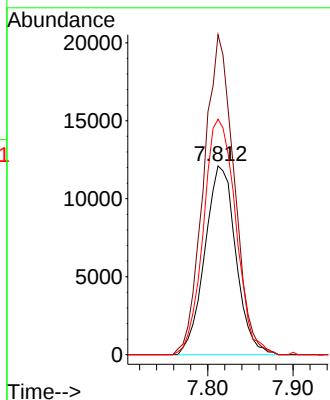
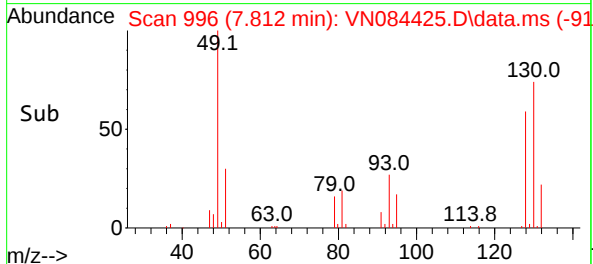


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

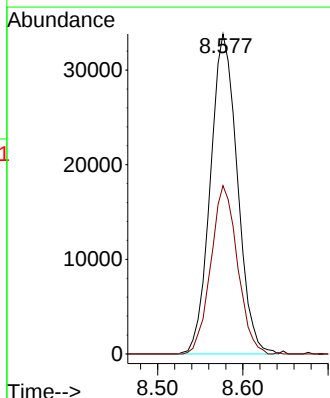
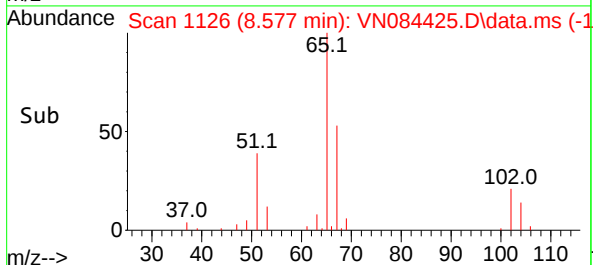
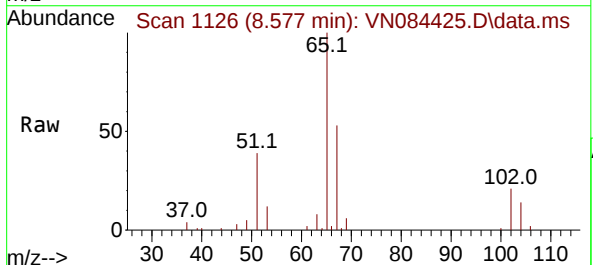


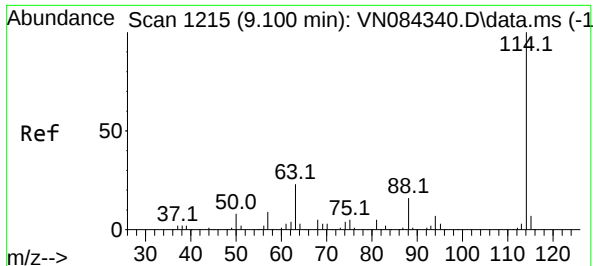
Tgt Ion:128 Resp: 30606
Ion Ratio Lower Upper
128 100
49 166.0 0.0 430.0
130 130.3 0.0 329.8



#27
1,2-Dichloroethane-d4
Concen: 30.224 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Tgt Ion: 65 Resp: 74474
Ion Ratio Lower Upper
65 100
67 51.8 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084425.D

Acq: 18 Oct 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

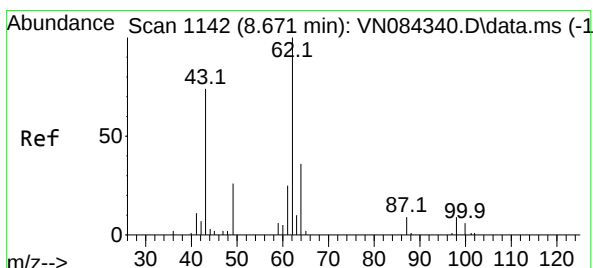
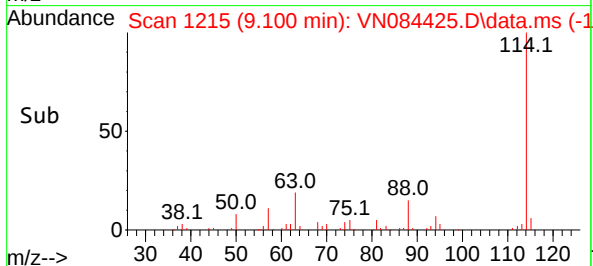
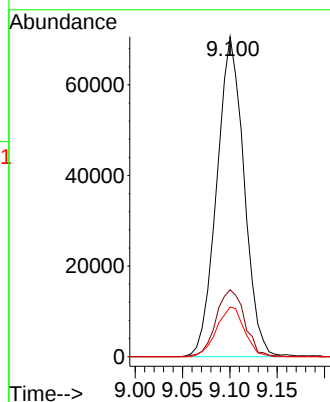
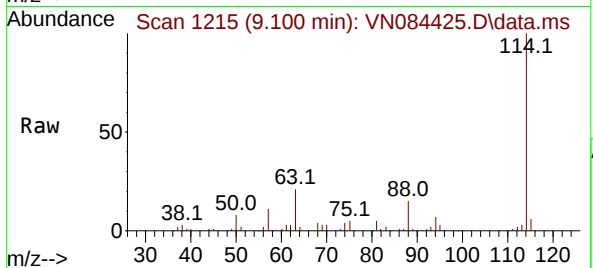
Tgt Ion:114 Resp: 141288

Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.0

88 15.8 13.2 19.8



#36

1,2-Dichloroethane

Concen: 1.887 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.424 min

Lab File: VN084425.D

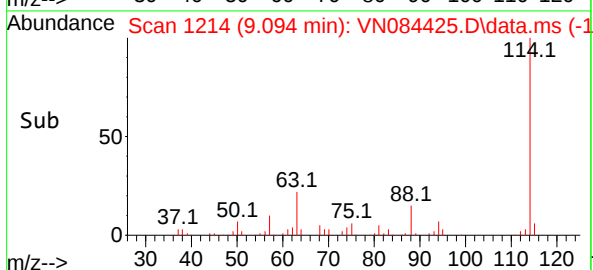
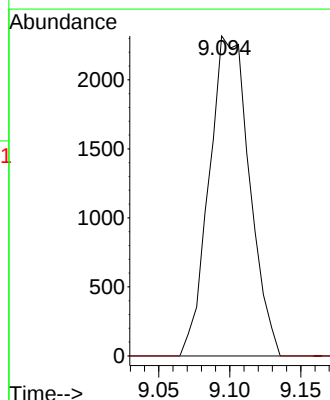
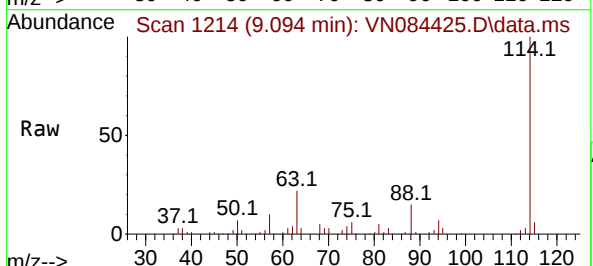
Acq: 18 Oct 2024 13:29

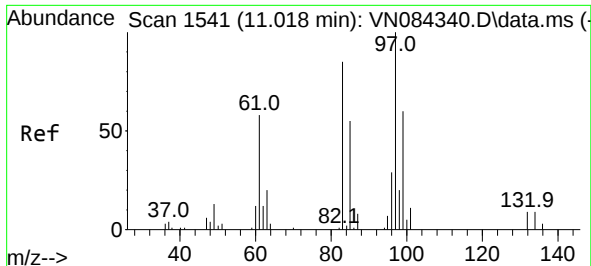
Tgt Ion: 62 Resp: 4566

Ion Ratio Lower Upper

62 100

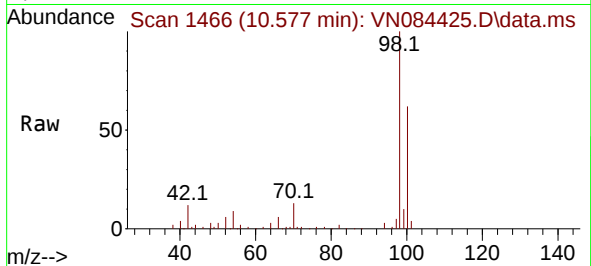
98 0.0 7.3 10.9#



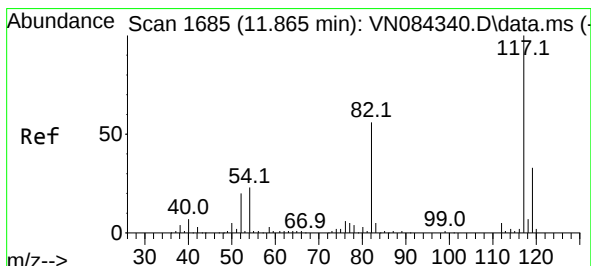
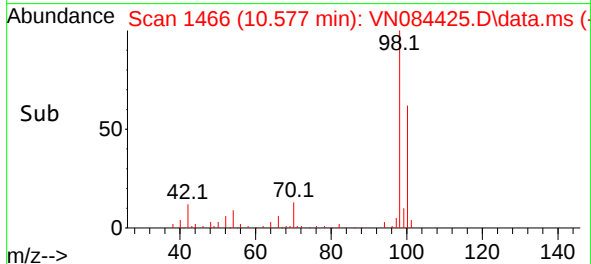
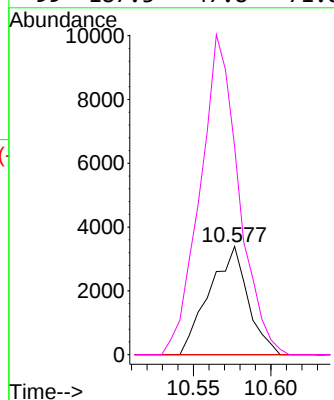


#50
1,1,2-Trichloroethane
Concen: 3.542 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. -0.441 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

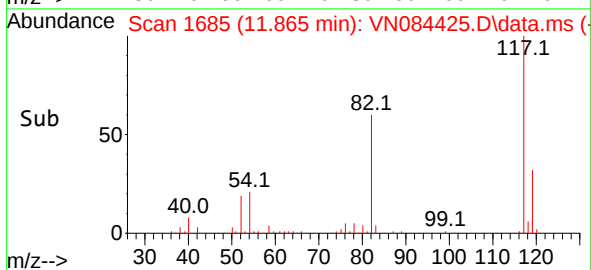
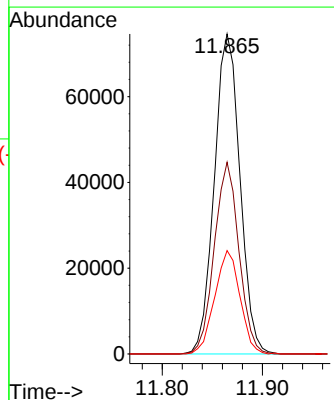
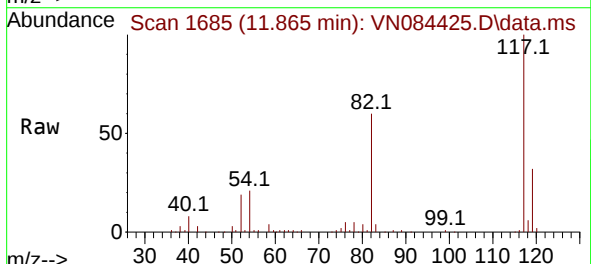


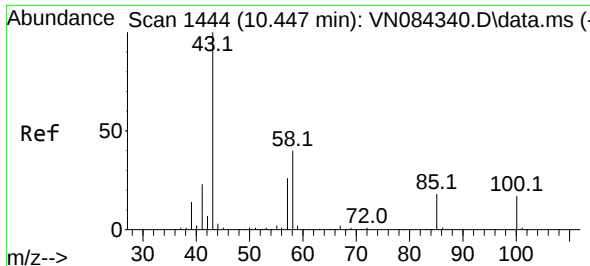
Tgt Ion:	97	Resp:	5891
Ion Ratio	100	Lower	Upper
83	0.0	67.8	101.8#
85	0.0	44.2	66.2#
99	187.3	47.8	71.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Tgt Ion:	117	Resp:	132385
Ion Ratio	100	Lower	Upper
82	57.6	46.2	69.4
119	31.8	25.4	38.2

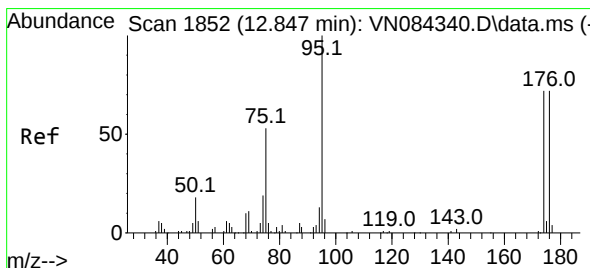
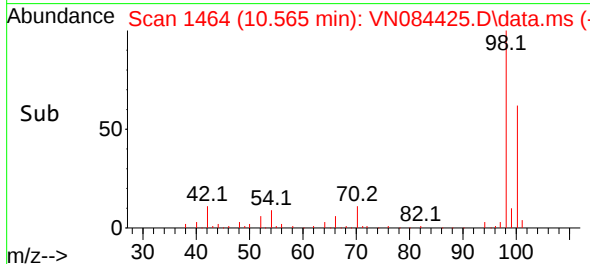
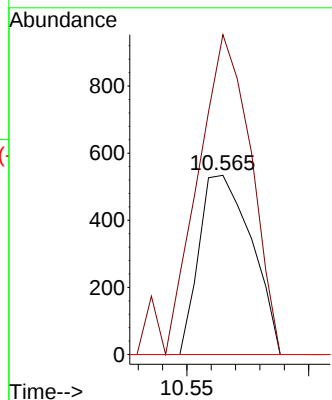
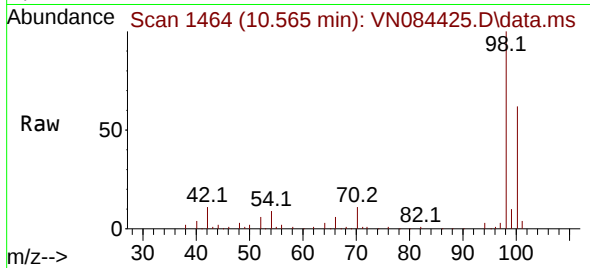




#58
4-Methyl-2-Pentanone
Concen: 0.325 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

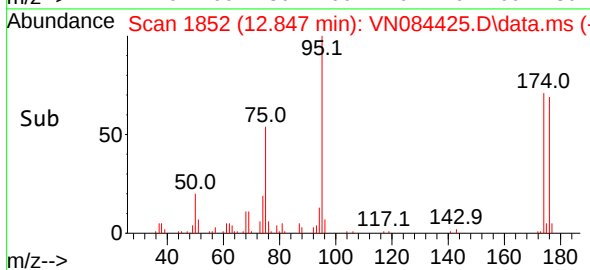
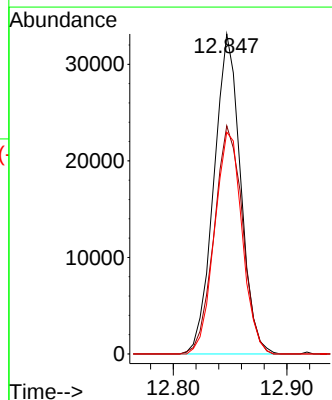
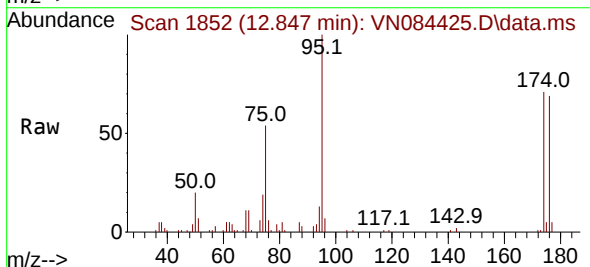
Instrument :
MSVOA_N
ClientSampleId :

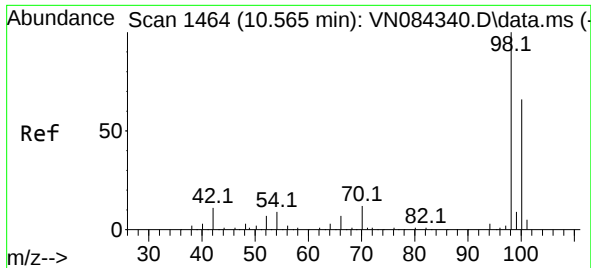
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 178.9 31.9 47.9#
85 0.0 14.6 22.0#



#60
4-Bromofluorobenzene
Concen: 24.764 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

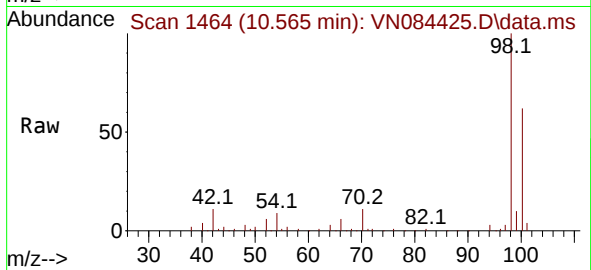
Tgt Ion: 95 Resp: 54106
Ion Ratio Lower Upper
95 100
174 75.8 58.2 87.2
176 71.7 56.4 84.6



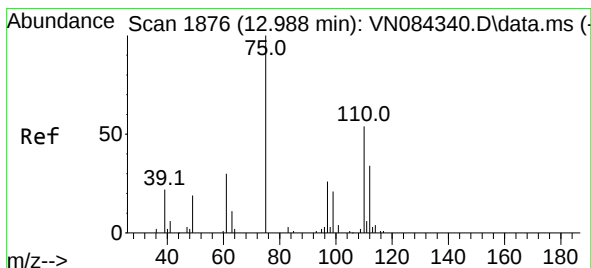
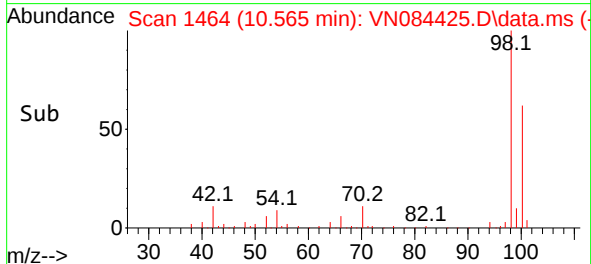
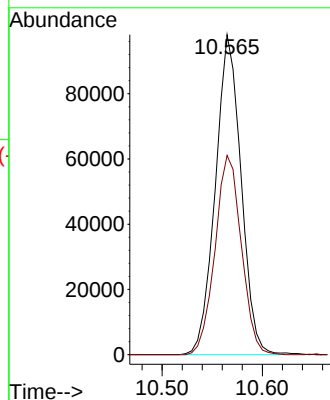


#63
Toluene-d8
Concen: 28.379 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

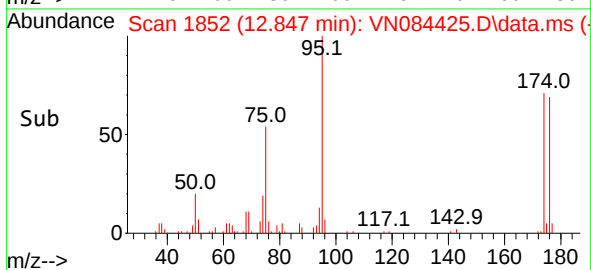
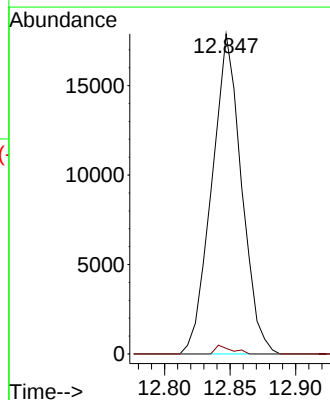
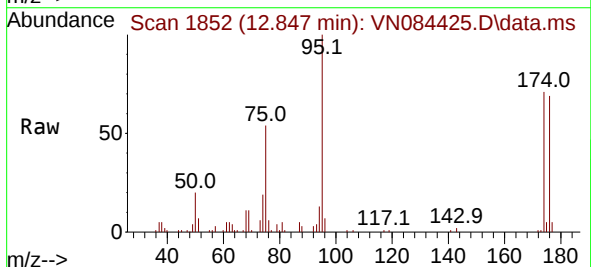


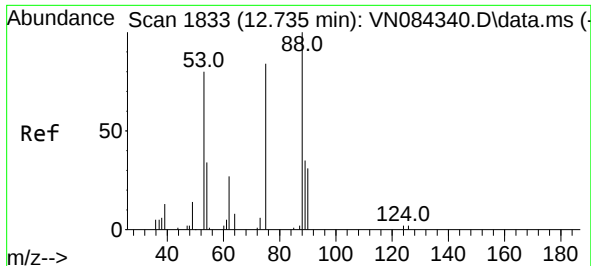
Tgt Ion: 98 Resp: 174046
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7



#72
1,2,3-Trichloropropane
Concen: 13.540 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Tgt Ion: 75 Resp: 28195
Ion Ratio Lower Upper
75 100
77 1.5 0.0 414.0

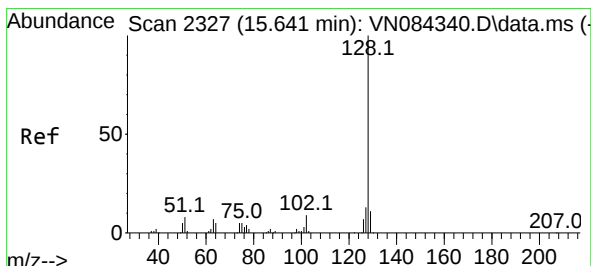
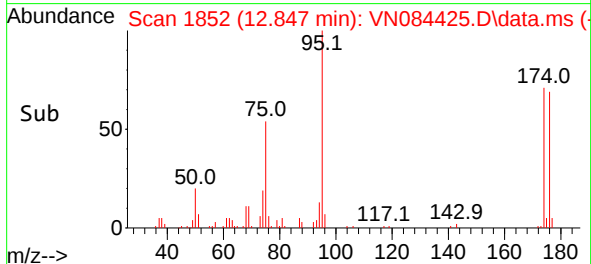
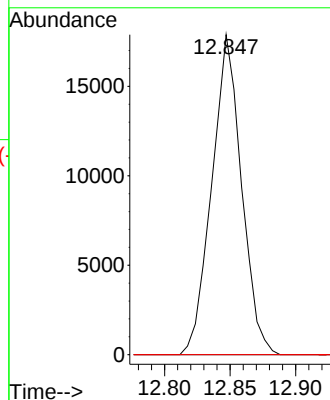
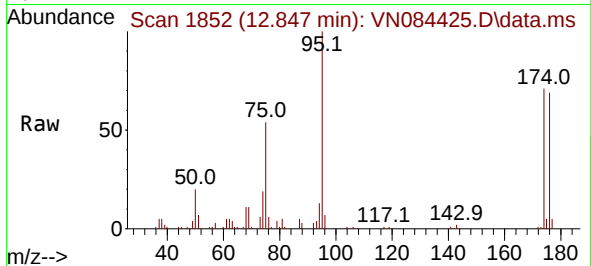




#77
t-1,4-Dichloro-2-butene
Concen: 31.685 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 28195
Ion Ratio Lower Upper
75 100
53 0.0 47.3 142.0#
89 0.0 22.9 68.8#



#91
Naphthalene
Concen: 0.340 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN084425.D
Acq: 18 Oct 2024 13:29

Tgt Ion:128 Resp: 2050
Ion Ratio Lower Upper
128 100
127 6.0 10.3 15.5#
129 0.0 8.8 13.2#

