

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084881.D
 Acq On : 15 Nov 2024 20:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 22:30:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

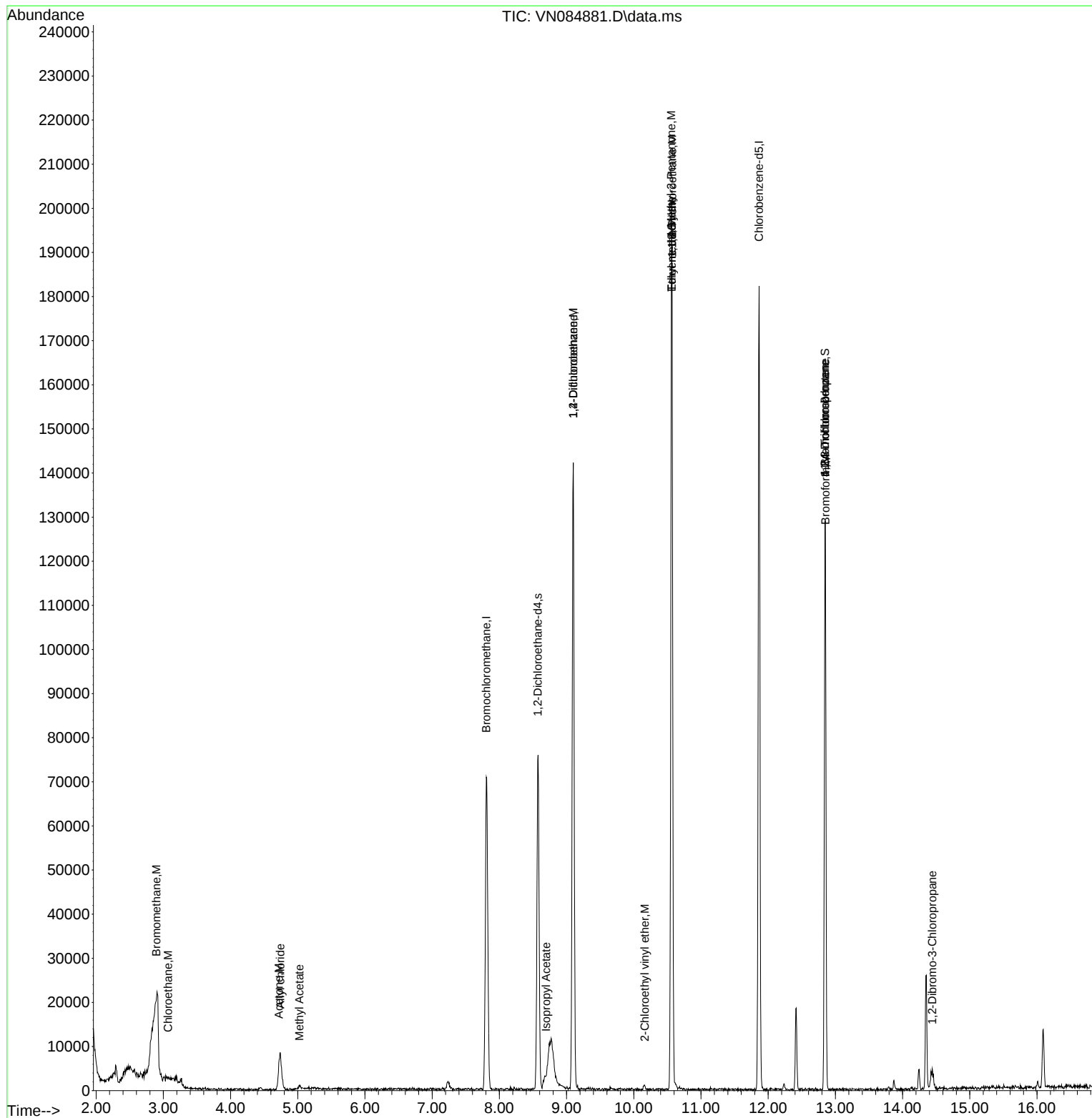
Internal Standards						
1) Bromochloromethane	7.806	128	25879	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	121682	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	106618	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	64275	30.894	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.967%
60) 4-Bromofluorobenzene	12.847	95	44738	24.370	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.233%
63) Toluene-d8	10.565	98	139328	27.604	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.000%
Target Compounds						
					Qvalue	
5) Bromomethane	2.894	94	347	0.406	ug/l #	4
6) Chloroethane	3.071	64	494	0.447	ug/l #	47
12) Methyl Acetate	5.024	43	992	0.422	ug/l #	52
15) Acetone	4.718	58	117	0.592	ug/l #	1
17) Allyl chloride	4.741	41	1645	0.640	ug/l	83
36) 1,2-Dichloroethane	9.100	62	4472	2.220	ug/l #	74
44) Isopropyl Acetate	8.694	43	1476	0.410	ug/l #	50
50) 1,1,2-Trichloroethane	10.570	97	5060	3.698	ug/l #	1
51) Ethyl methacrylate	10.565	69	460	0.218	ug/l #	53
55) 2-Chloroethyl vinyl ether	10.165	63	571	0.552	ug/l #	45
56) Bromoform	12.853	173	427	0.398	ug/l #	1
58) 4-Methyl-2-Pentanone	10.559	43	633	0.376	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	23150	14.286	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	23150	34.833	ug/l #	7
88) 1,2-Dibromo-3-Chloropr...	14.441	75	602	1.644	ug/l #	6

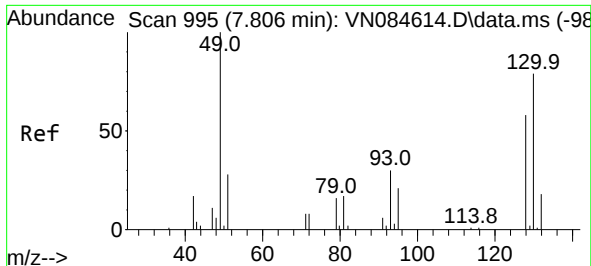
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
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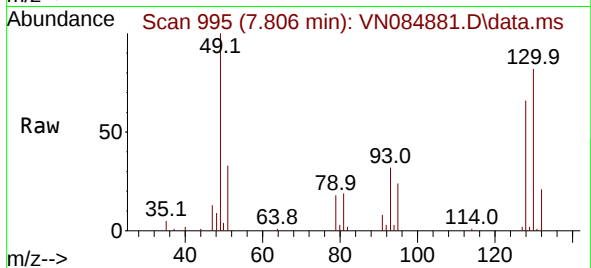
Quant Time: Nov 15 22:30:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
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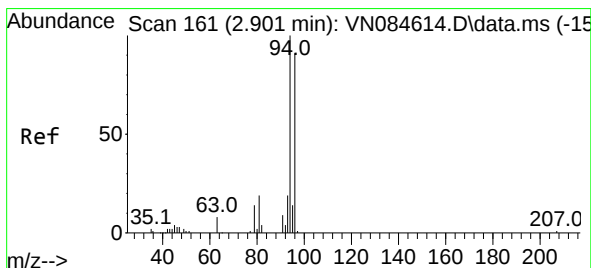
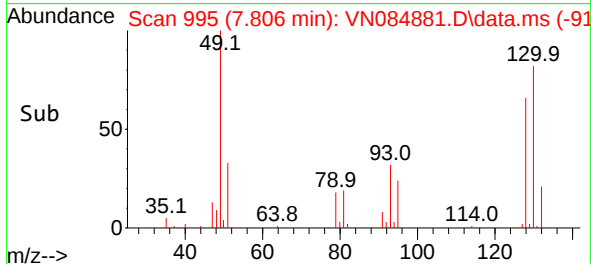
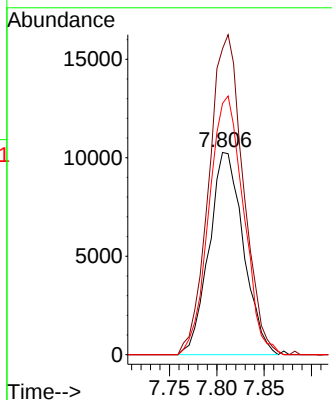


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Instrument :
MSVOA_N
ClientSampleId :

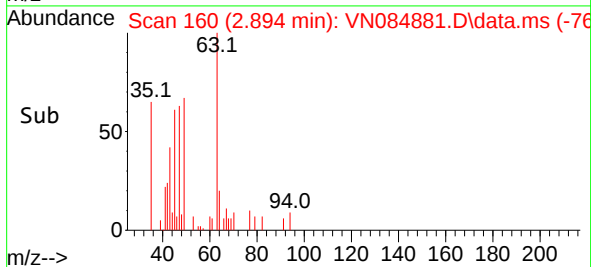
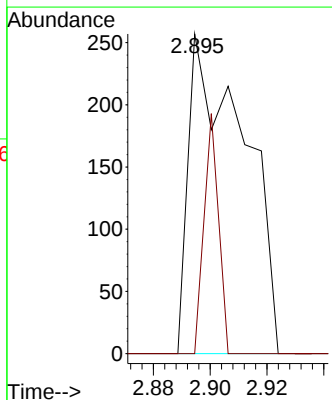
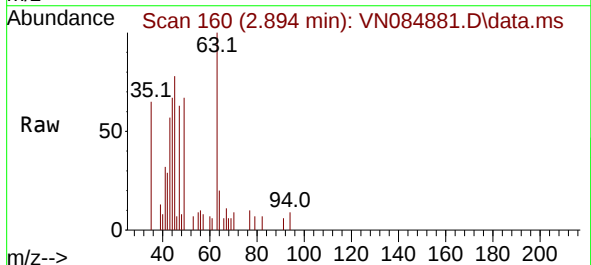


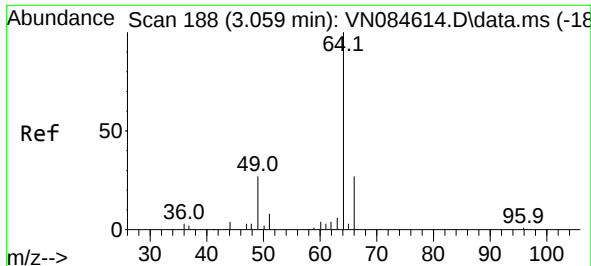
Tgt Ion:128 Resp: 25879
Ion Ratio Lower Upper
128 100
49 158.6 0.0 427.0
130 128.7 0.0 322.2



#5
Bromomethane
Concen: 0.406 ug/l
RT: 2.894 min Scan# 160
Delta R.T. -0.006 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 0.0 72.7 109.1#

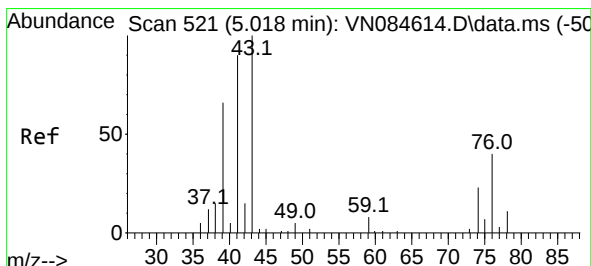
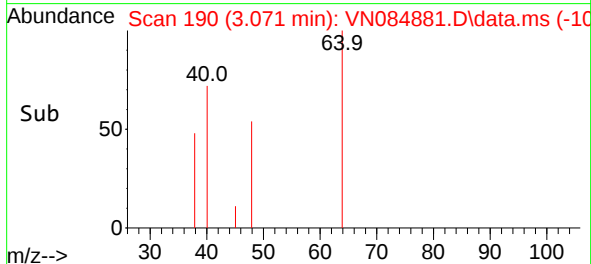
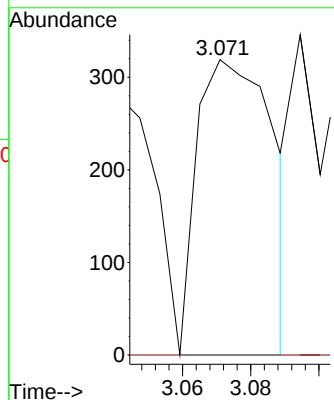
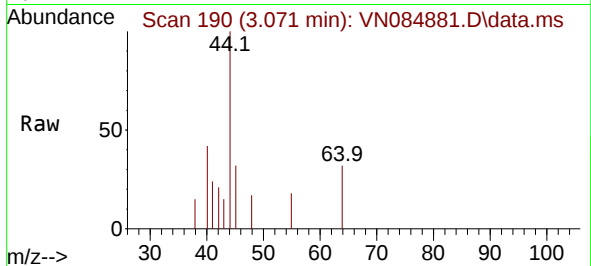




#6
Chloroethane
Concen: 0.447 ug/l
RT: 3.071 min Scan# 190
Delta R.T. 0.012 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

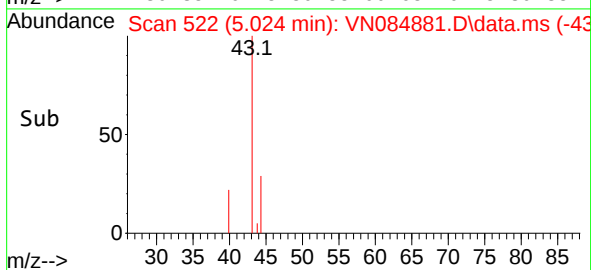
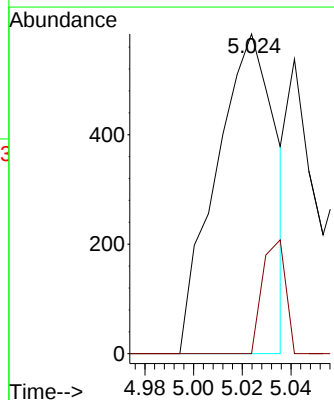
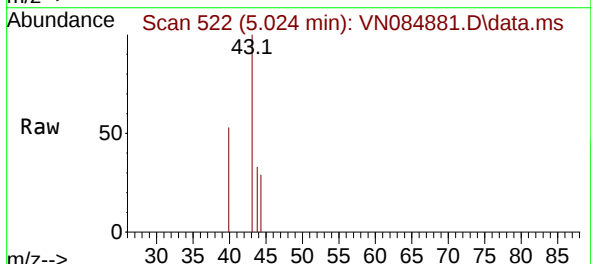
Instrument :
MSVOA_N
ClientSampleId :

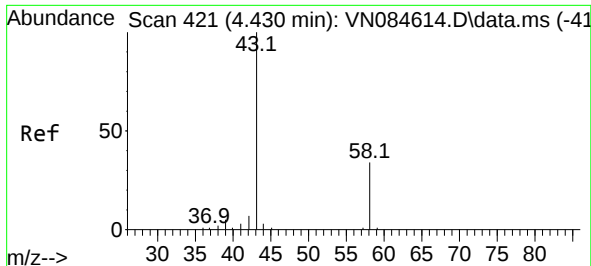
Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 0.0 22.1 33.1#



#12
Methyl Acetate
Concen: 0.422 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#





#15

Acetone

Concen: 0.592 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.288 min

Lab File: VN084881.D

Acq: 15 Nov 2024 20:00

Instrument :

MSVOA_N

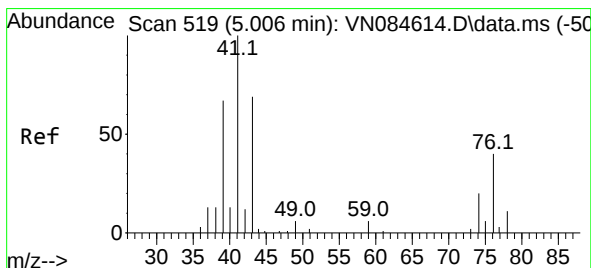
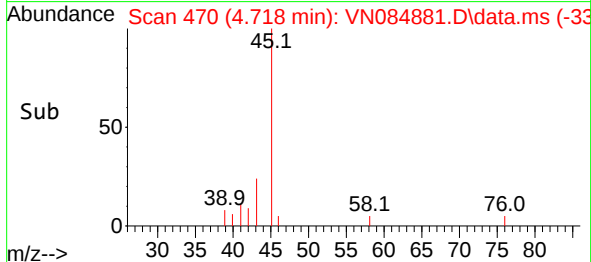
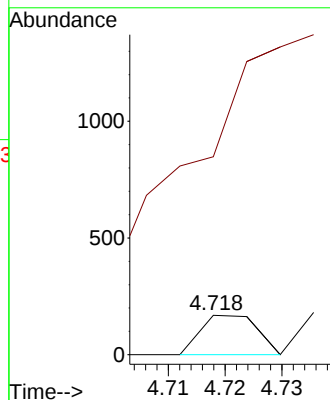
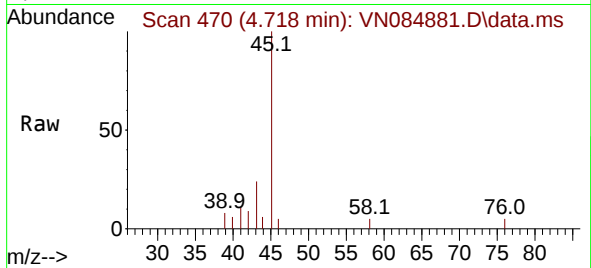
ClientSampleId :

Tgt Ion: 58 Resp: 117

Ion Ratio Lower Upper

58 100

43 23.7 233.0 349.6#



#17

Allyl chloride

Concen: 0.640 ug/l

RT: 4.741 min Scan# 474

Delta R.T. -0.265 min

Lab File: VN084881.D

Acq: 15 Nov 2024 20:00

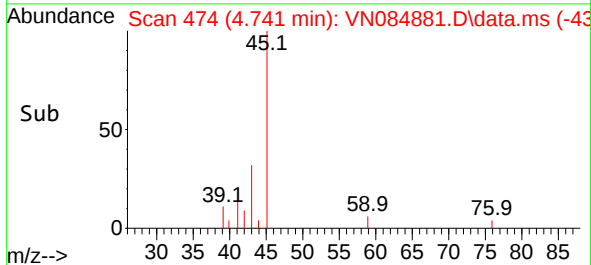
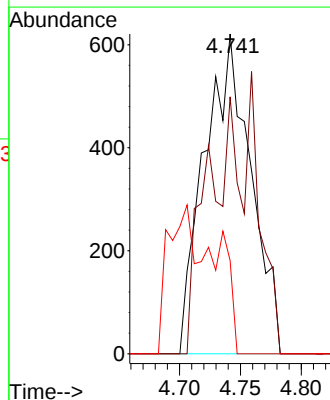
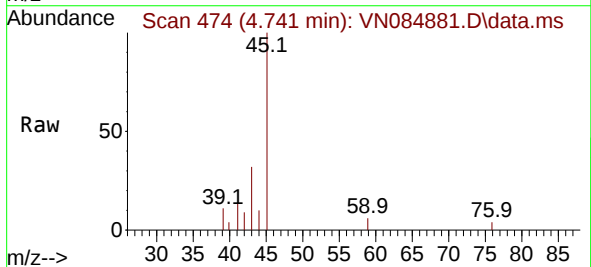
Tgt Ion: 41 Resp: 1645

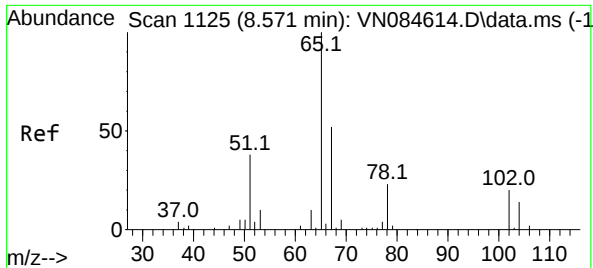
Ion Ratio Lower Upper

41 100

39 80.4 33.4 100.2

76 29.1 20.2 60.6

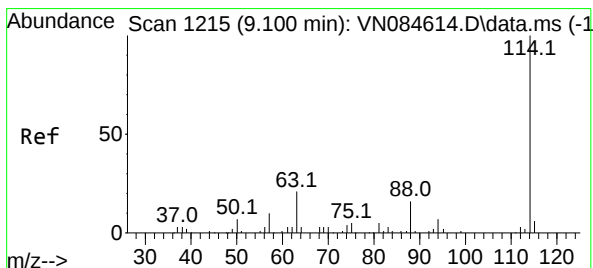
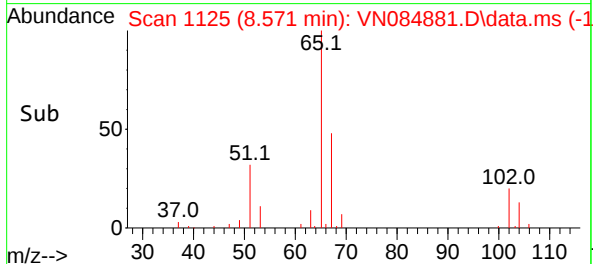
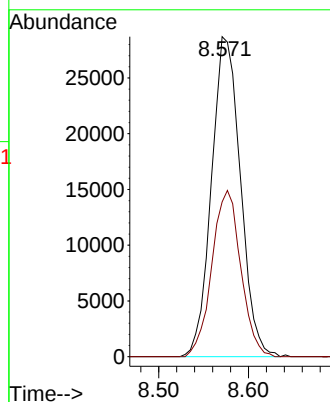
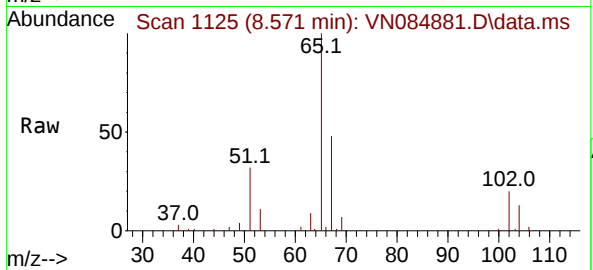




#27
1,2-Dichloroethane-d4
Concen: 30.894 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

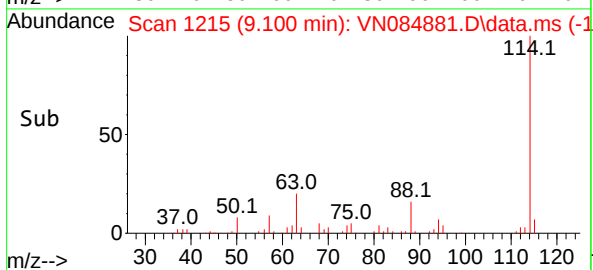
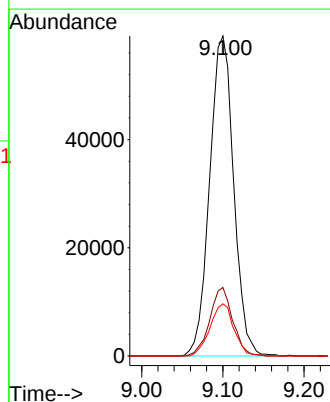
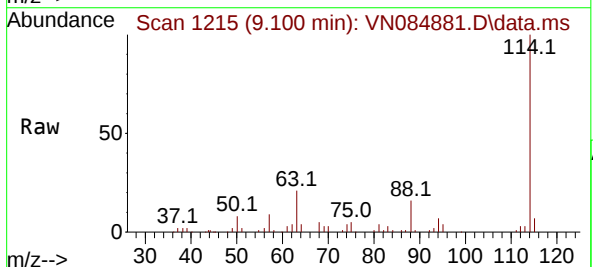
Instrument :
MSVOA_N
ClientSampleId :

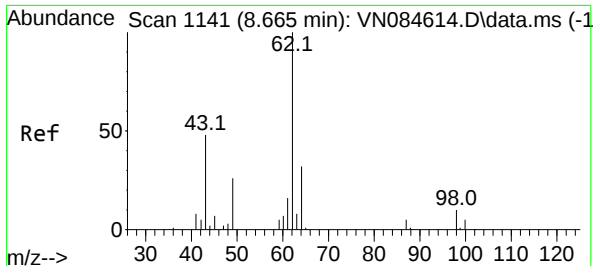
Tgt Ion: 65 Resp: 64275
Ion Ratio Lower Upper
65 100
67 51.8 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Tgt Ion: 114 Resp: 121682
Ion Ratio Lower Upper
114 100
63 20.4 16.8 25.2
88 16.2 12.9 19.3





#36

1,2-Dichloroethane

Concen: 2.220 ug/l

RT: 9.100 min Scan# 1141

Delta R.T. 0.435 min

Lab File: VN084881.D

Acq: 15 Nov 2024 20:00

Instrument :

MSVOA_N

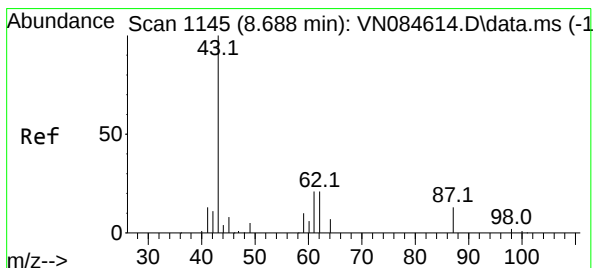
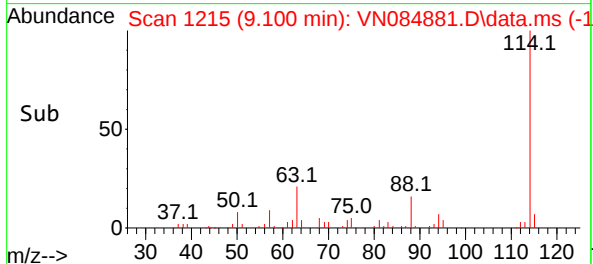
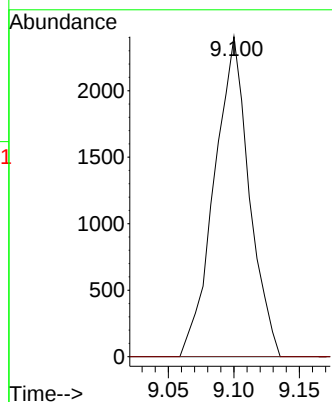
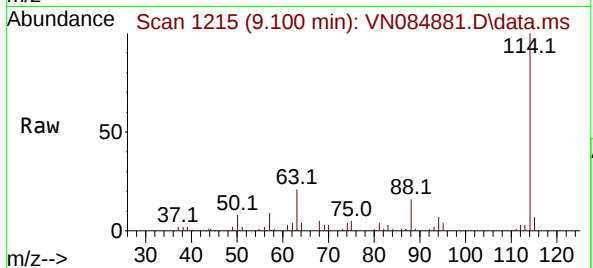
ClientSampleId :

Tgt Ion: 62 Resp: 4472

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.6#



#44

Isopropyl Acetate

Concen: 0.410 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN084881.D

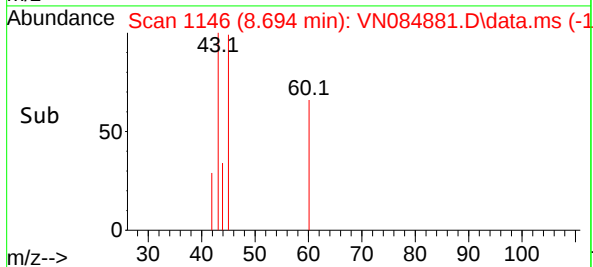
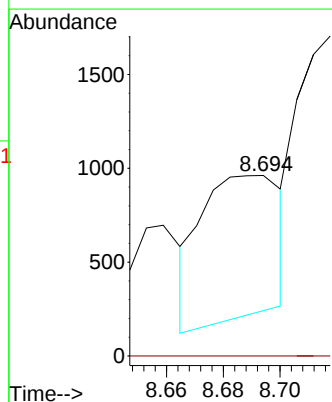
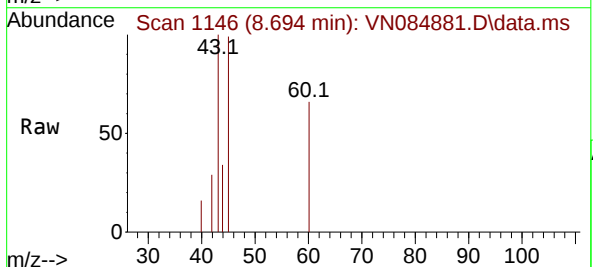
Acq: 15 Nov 2024 20:00

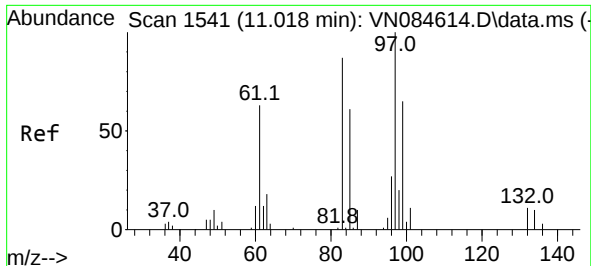
Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

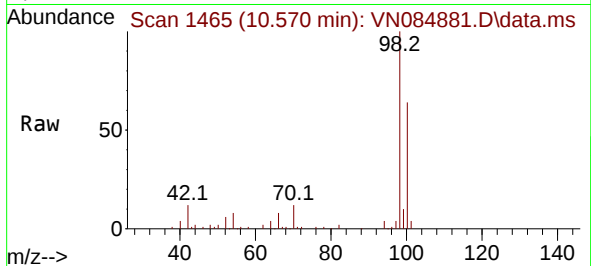
61 0.0 19.8 29.8#



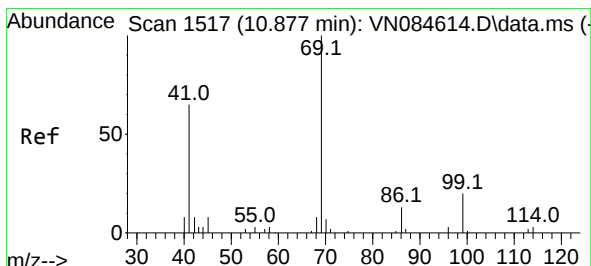
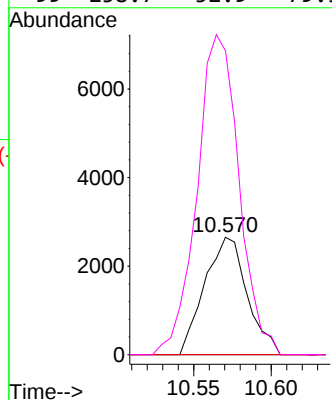
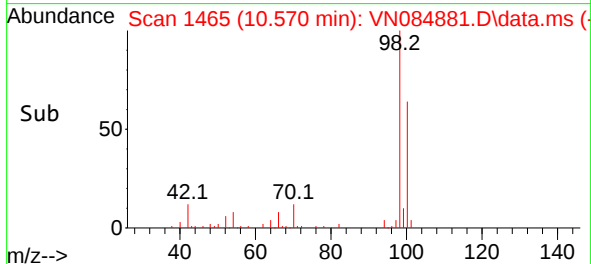


#50
 1,1,2-Trichloroethane
 Concen: 3.698 ug/l
 RT: 10.570 min Scan# 1465
 Delta R.T. -0.447 min
 Lab File: VN084881.D
 Acq: 15 Nov 2024 20:00

Instrument :
 MSVOA_N
 ClientSampleId :

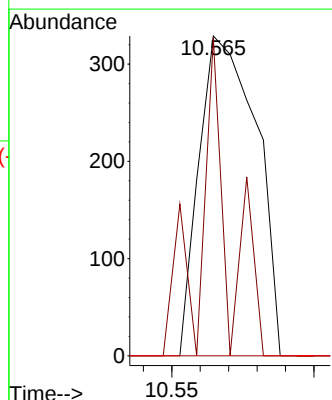
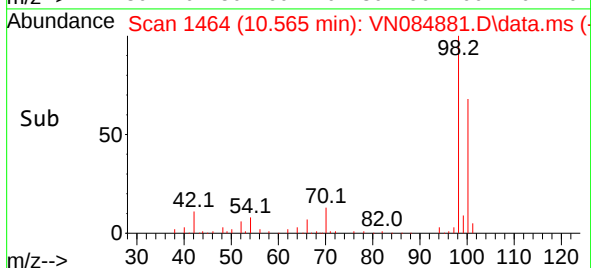
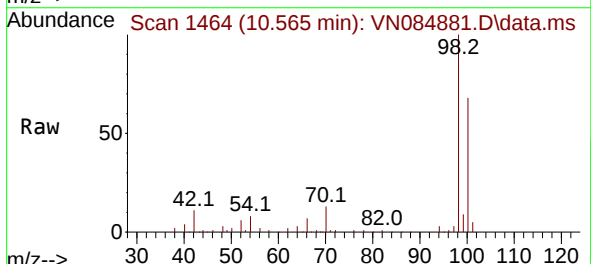


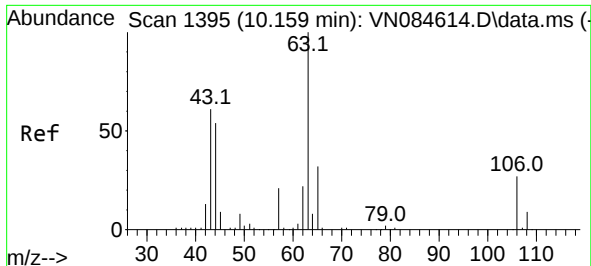
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.8	104.8#
85	0.0	48.6	73.0#
99	258.7	52.9	79.3#



#51
 Ethyl methacrylate
 Concen: 0.218 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.312 min
 Lab File: VN084881.D
 Acq: 15 Nov 2024 20:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	99.4	32.8	98.3#
39	0.0	15.4	46.1#

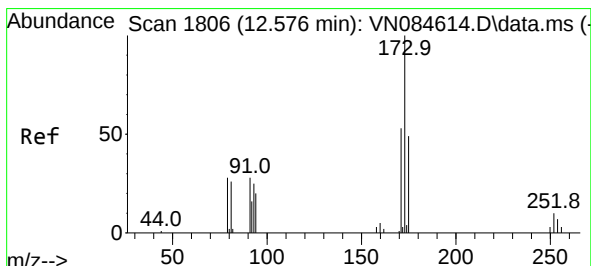
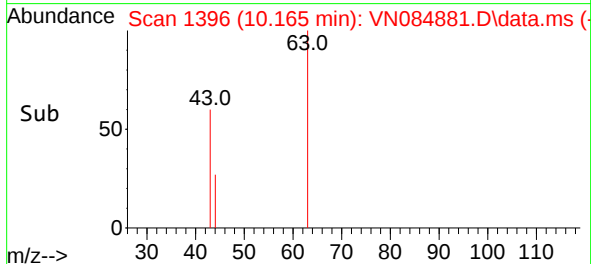
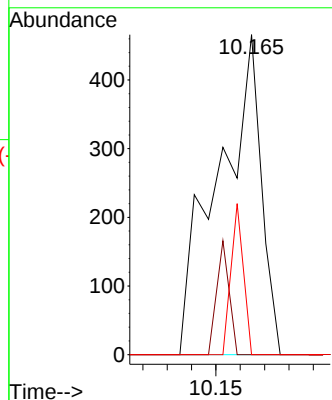
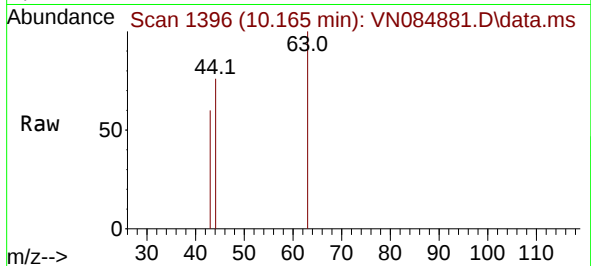




#55
2-Chloroethyl vinyl ether
Concen: 0.552 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

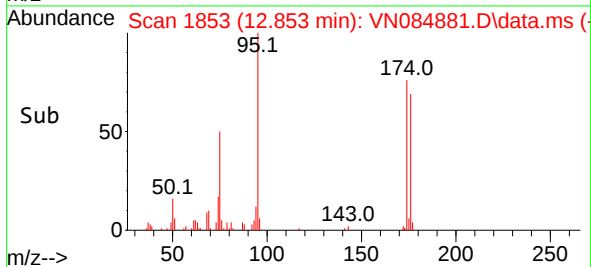
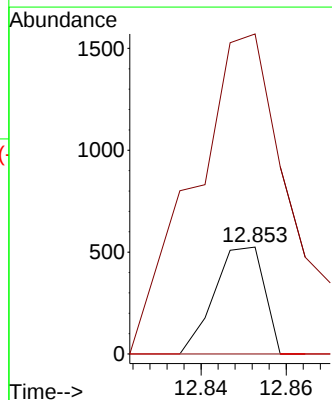
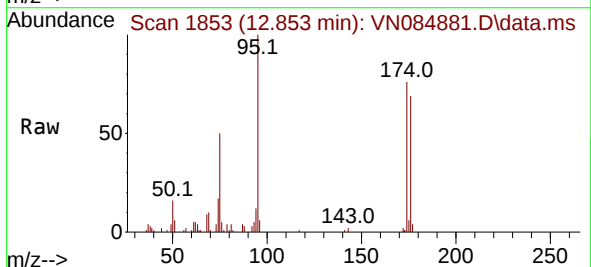
Instrument :
MSVOA_N
ClientSampleId :

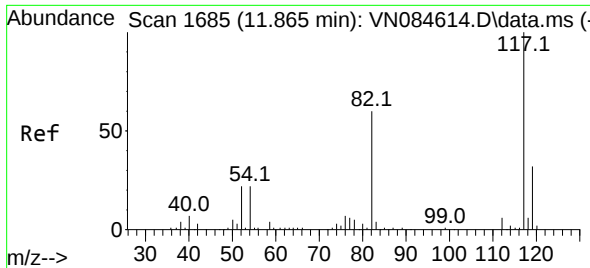
Tgt Ion: 63 Resp: 571
Ion Ratio Lower Upper
63 100
65 0.0 25.5 38.3#
106 0.0 22.3 33.5#



#56
Bromoform
Concen: 0.398 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.276 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

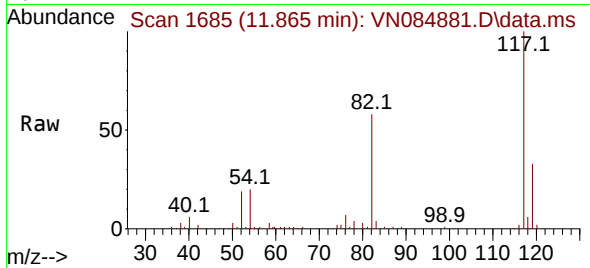
Tgt Ion:173 Resp: 427
Ion Ratio Lower Upper
173 100
175 568.4 39.4 59.2#
254 0.0 6.4 9.6#



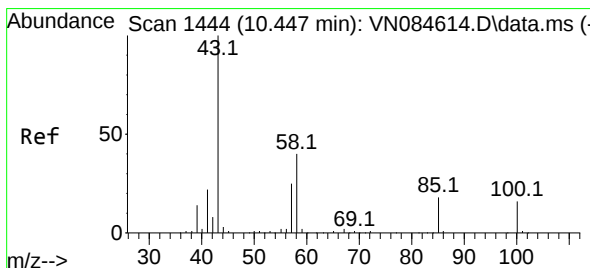
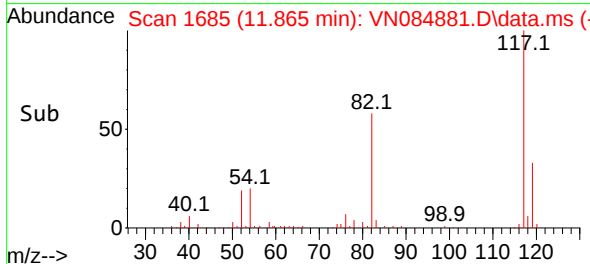
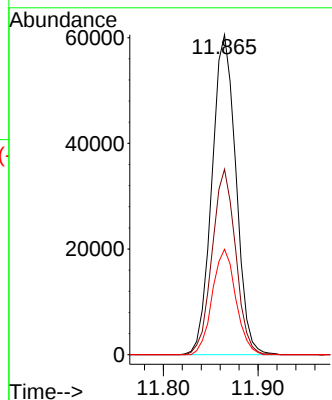


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Instrument :
MSVOA_N
ClientSampleId :

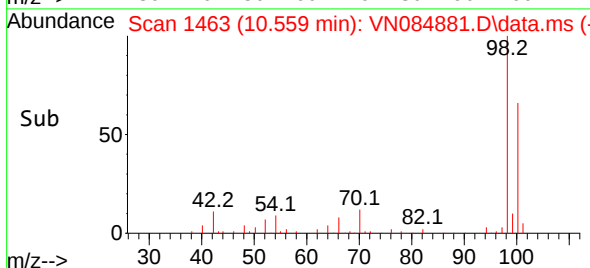
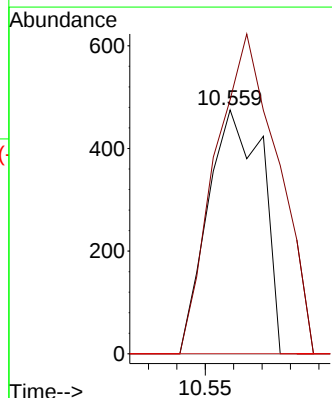
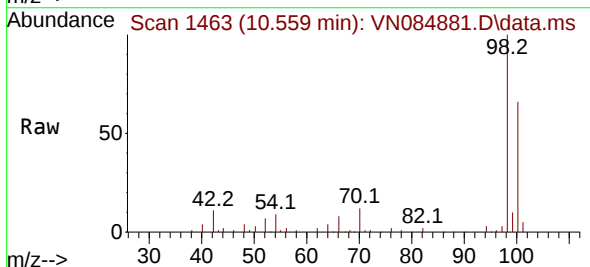


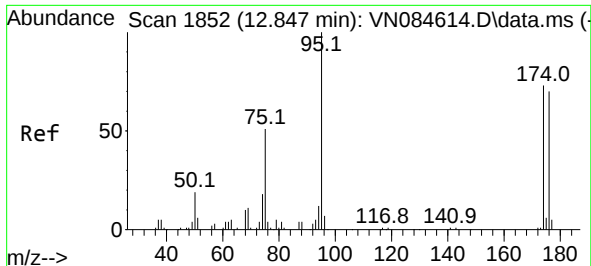
Tgt Ion:117 Resp: 106618
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 32.3 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 0.376 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
58 151.3 31.2 46.8#
85 0.0 14.9 22.3#

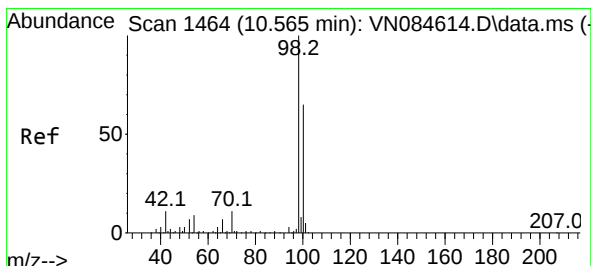
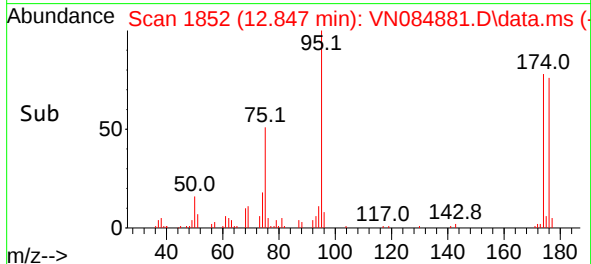
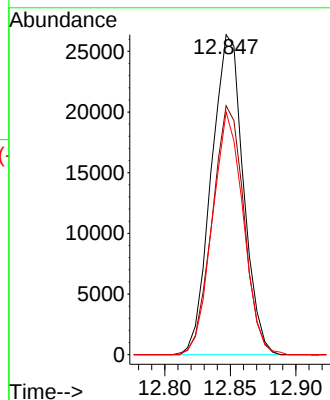
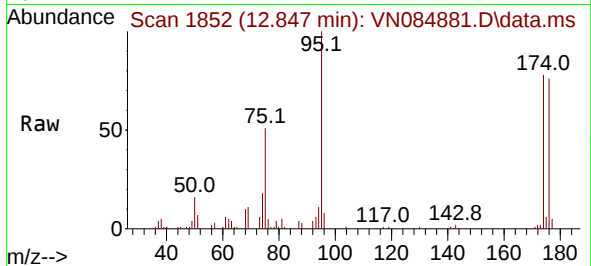




#60
4-Bromofluorobenzene
Concen: 24.370 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

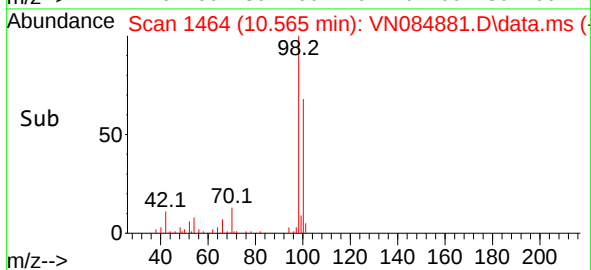
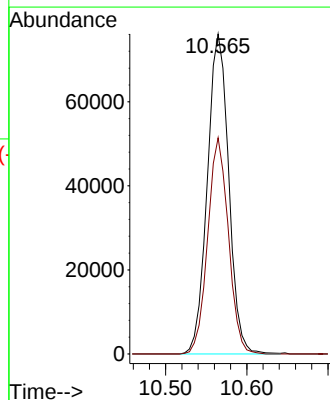
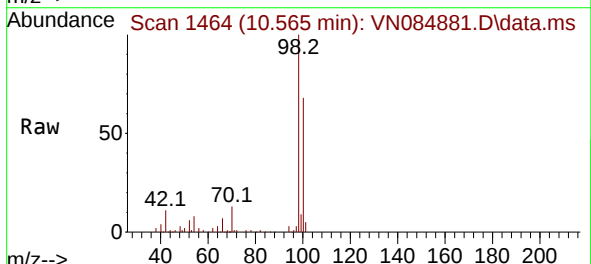
Instrument :
MSVOA_N
ClientSampleId :

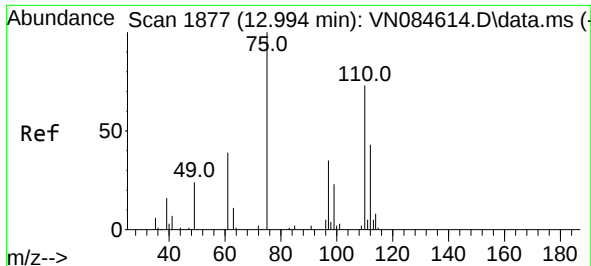
Tgt Ion: 95 Resp: 44738
Ion Ratio Lower Upper
95 100
174 77.1 59.6 89.4
176 73.5 58.6 88.0



#63
Toluene-d8
Concen: 27.604 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Tgt Ion: 98 Resp: 139328
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

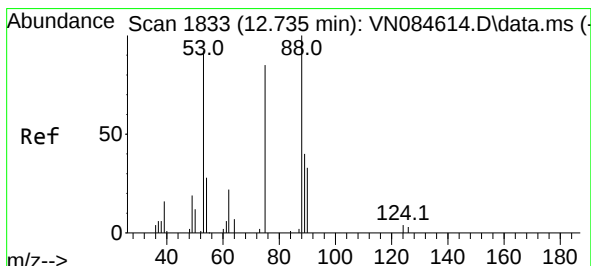
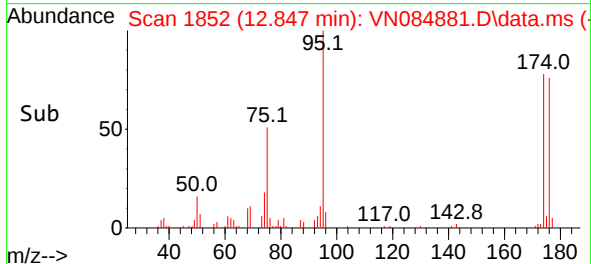
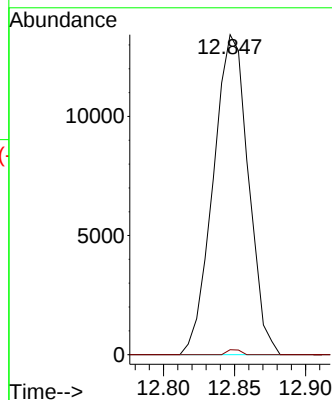
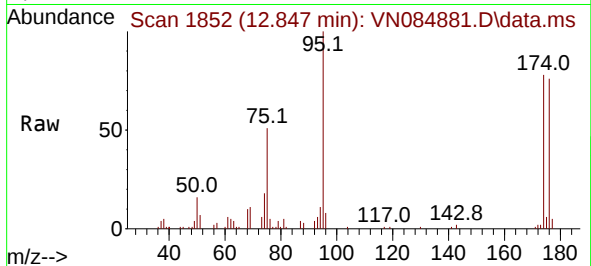




#72
1,2,3-Trichloropropane
Concen: 14.286 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

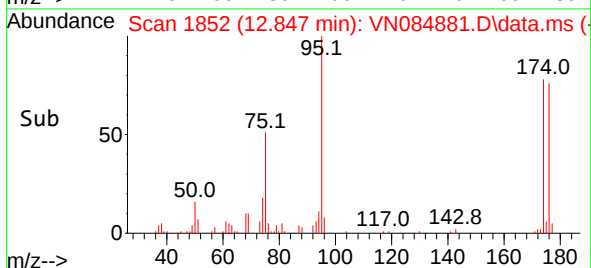
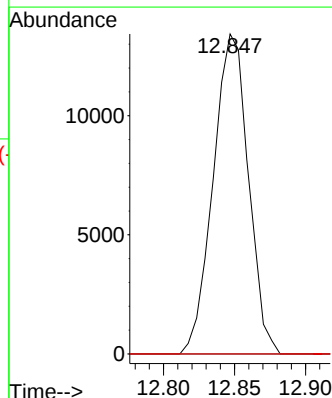
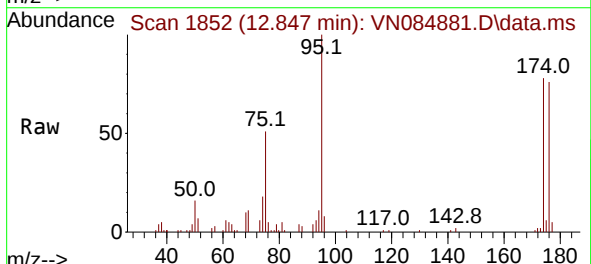
Instrument :
MSVOA_N
ClientSampleId :

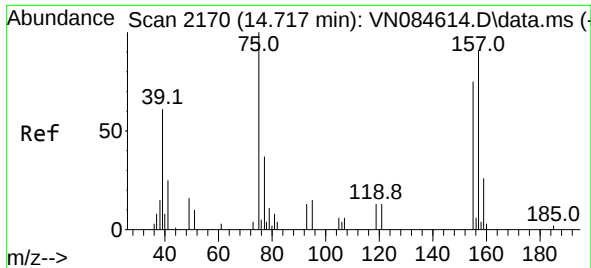
Tgt Ion: 75 Resp: 23150
Ion Ratio Lower Upper
75 100
77 0.6 0.0 358.4



#77
t-1,4-Dichloro-2-butene
Concen: 34.833 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

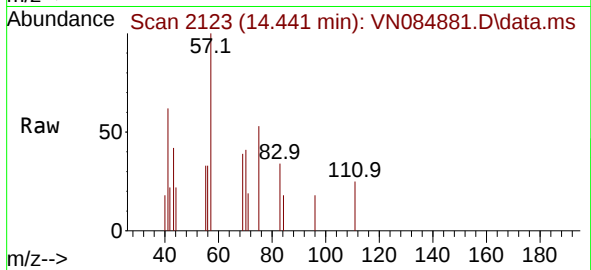
Tgt Ion: 75 Resp: 23150
Ion Ratio Lower Upper
75 100
53 0.0 52.4 157.2#
89 0.0 26.0 78.0#





#88
1,2-Dibromo-3-Chloropropane
Concen: 1.644 ug/l
RT: 14.441 min Scan# 21
Delta R.T. -0.277 min
Lab File: VN084881.D
Acq: 15 Nov 2024 20:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 602
Ion Ratio Lower Upper
75 100
155 0.0 61.8 92.6#
157 0.0 74.7 112.1#

