

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085030.D
 Acq On : 25 Nov 2024 16:06
 Operator : JC\MD
 Sample : P4997-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 05:54:06 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)

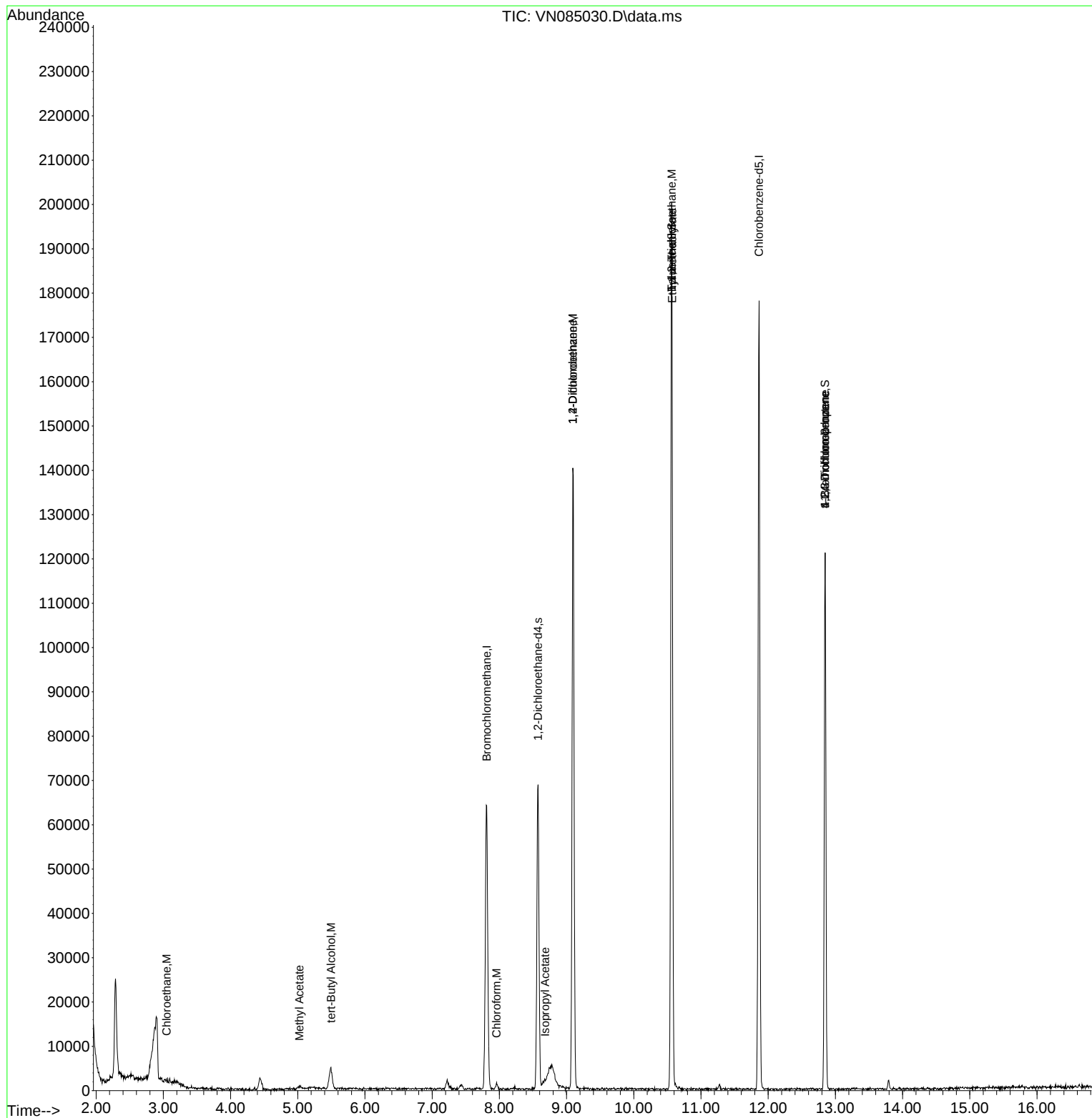
Internal Standards						
1) Bromochloromethane	7.812	128	23416	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	118468	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	101396	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	56737	30.139	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.467%
60) 4-Bromofluorobenzene	12.847	95	43500	24.916	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.067%
63) Toluene-d8	10.565	98	137272	28.598	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.333%
Target Compounds						
					Qvalue	
6) Chloroethane	3.048	64	334	0.334	ug/l #	47
12) Methyl Acetate	5.024	43	522	0.245	ug/l #	52
23) tert-Butyl Alcohol	5.494	59	4242	17.461	ug/l #	100
25) Chloroform	7.959	83	1432	0.499	ug/l #	75
36) 1,2-Dichloroethane	9.094	62	4176	2.129	ug/l #	74
44) Isopropyl Acetate	8.682	43	908	0.259	ug/l #	50
50) 1,1,2-Trichloroethane	10.565	97	2893	2.171	ug/l #	1
51) Ethyl methacrylate	10.571	69	492	0.240	ug/l #	64
72) 1,2,3-Trichloropropane	12.847	75	21805	14.149	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	21805	34.499	ug/l #	7

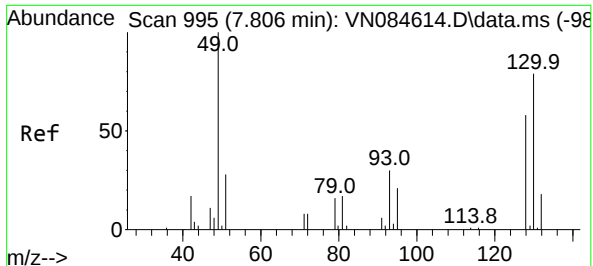
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :

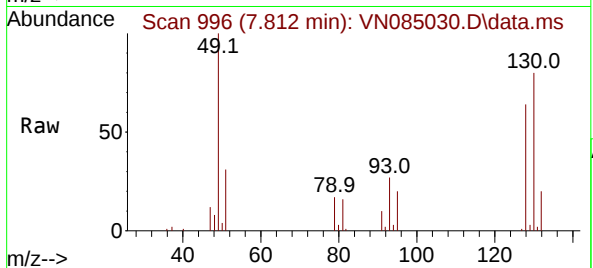
Quant Time: Nov 26 05:54:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration



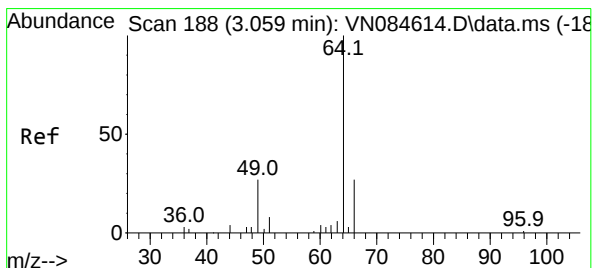
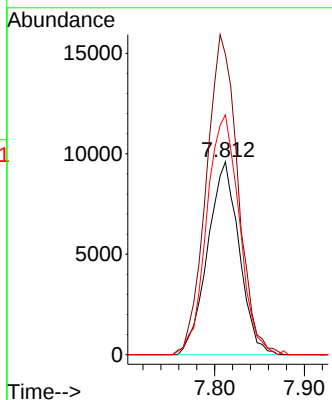
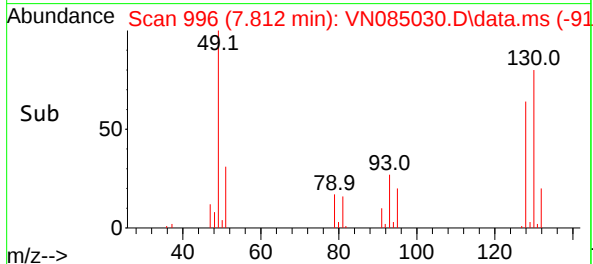


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

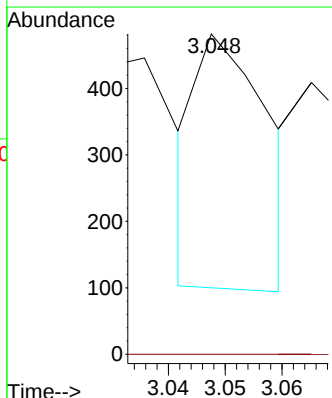
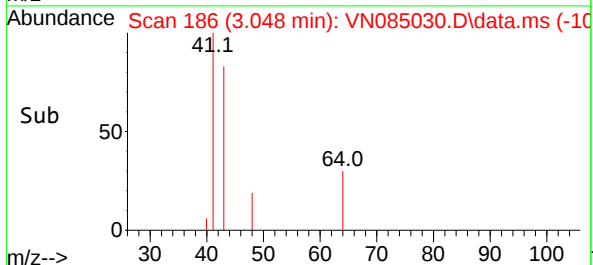
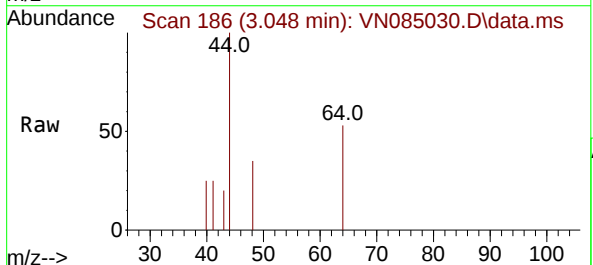


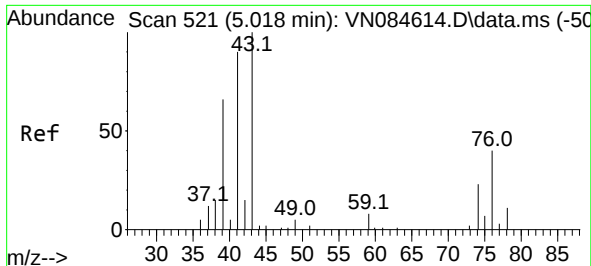
Tgt Ion:128 Resp: 23416
Ion Ratio Lower Upper
128 100
49 166.5 0.0 427.0
130 128.6 0.0 322.2



#6
Chloroethane
Concen: 0.334 ug/l
RT: 3.048 min Scan# 186
Delta R.T. -0.012 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Tgt Ion: 64 Resp: 334
Ion Ratio Lower Upper
64 100
66 0.0 22.1 33.1#





#12

Methyl Acetate

Concen: 0.245 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN085030.D

Acq: 25 Nov 2024 16:06

Instrument :

MSVOA_N

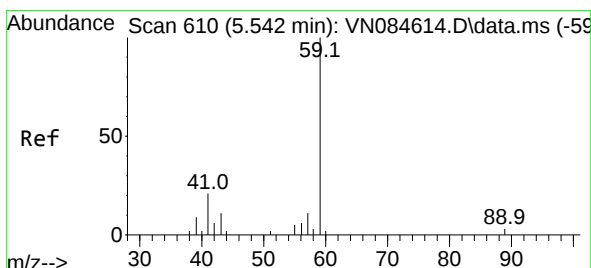
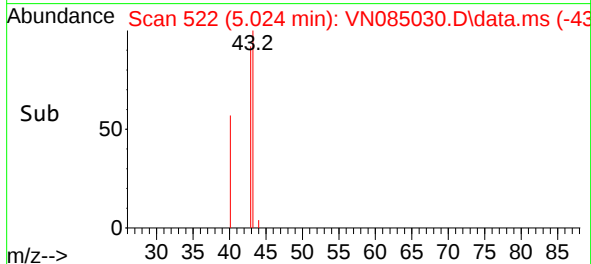
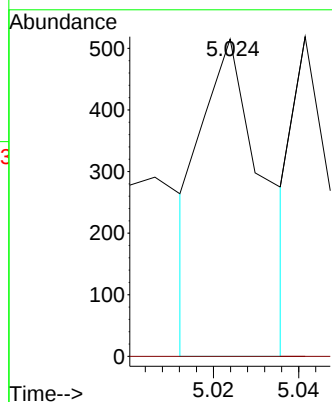
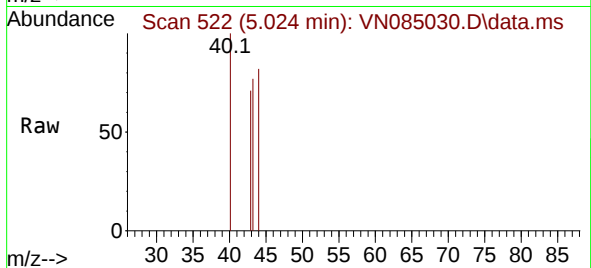
ClientSampleId :

Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#23

tert-Butyl Alcohol

Concen: 17.461 ug/l

RT: 5.494 min Scan# 602

Delta R.T. -0.047 min

Lab File: VN085030.D

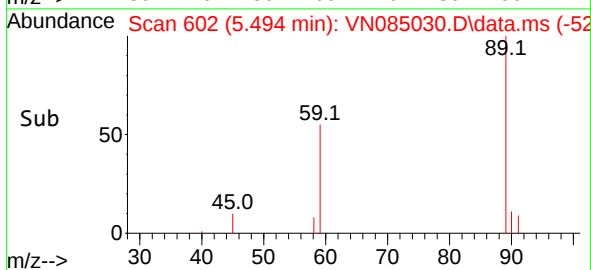
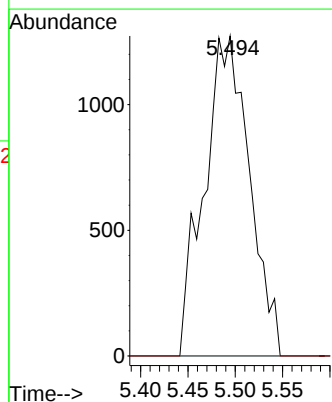
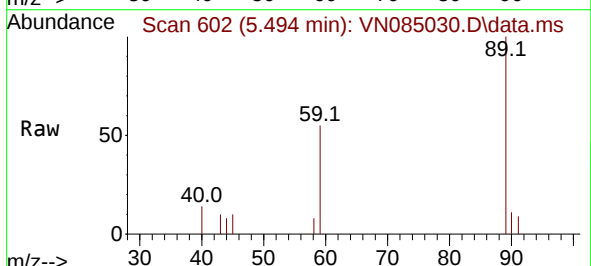
Acq: 25 Nov 2024 16:06

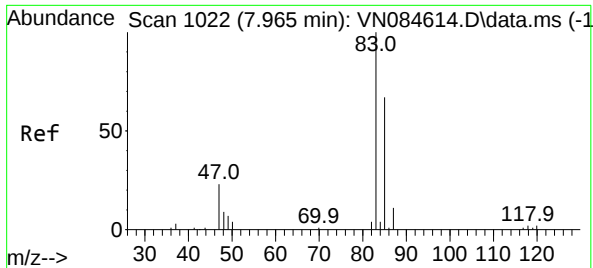
Tgt Ion: 59 Resp: 4242

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

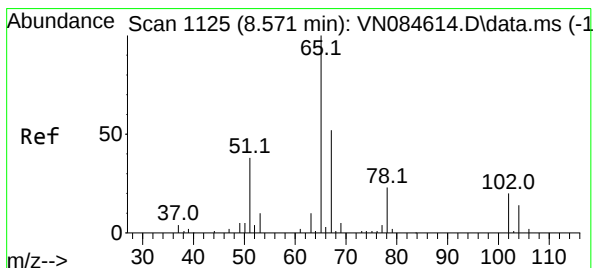
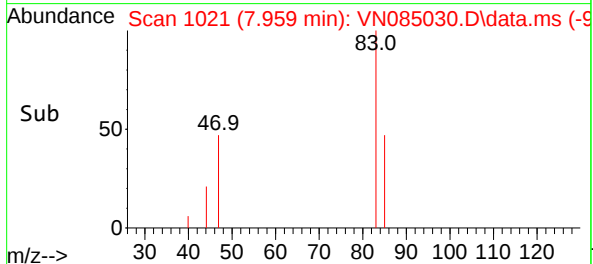
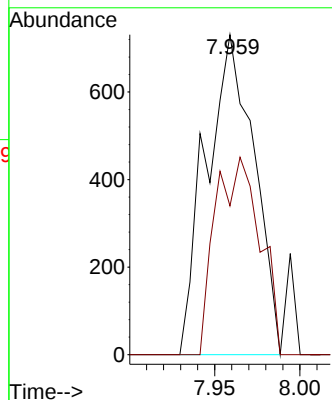
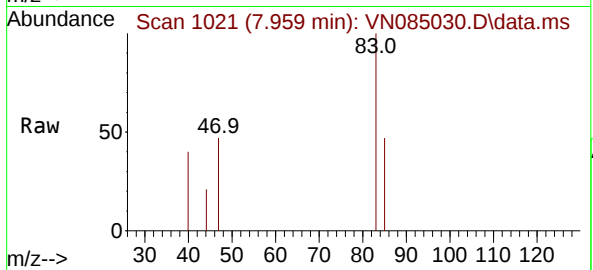




#25
Chloroform
Concen: 0.499 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

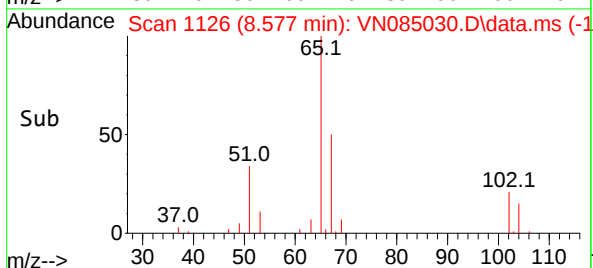
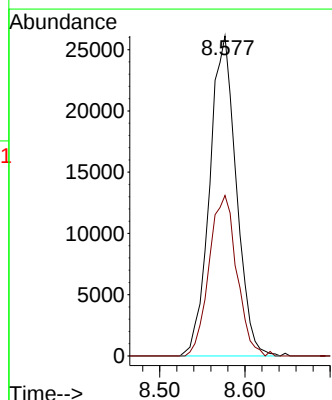
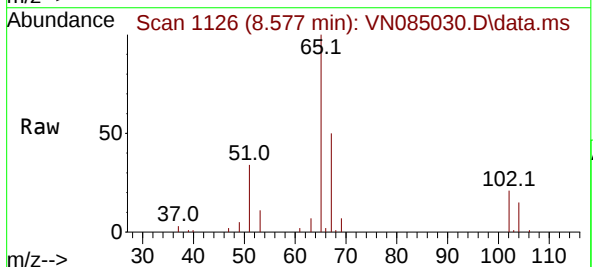
Instrument :
MSVOA_N
ClientSampleId :

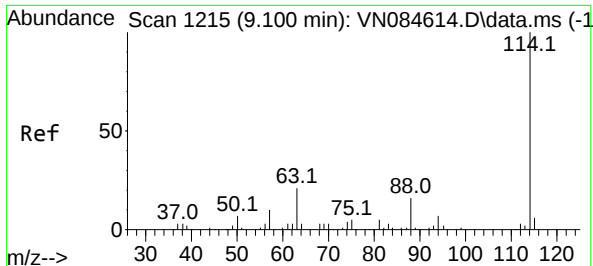
Tgt Ion: 83 Resp: 1432
Ion Ratio Lower Upper
83 100
85 46.5 53.4 80.2#



#27
1,2-Dichloroethane-d4
Concen: 30.139 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Tgt Ion: 65 Resp: 56737
Ion Ratio Lower Upper
65 100
67 51.9 40.7 61.1

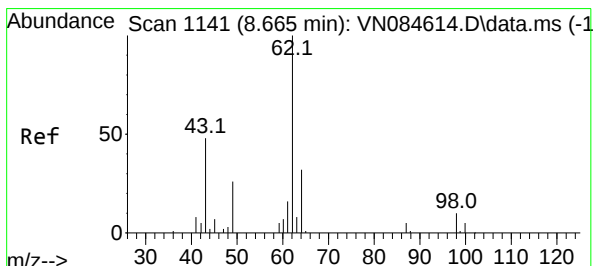
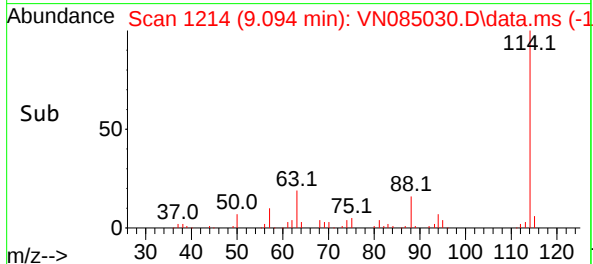
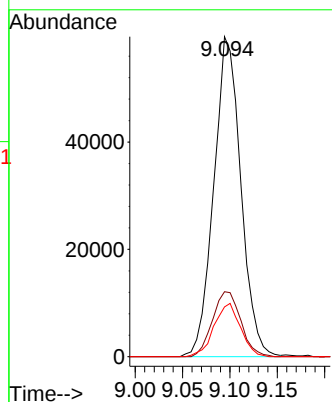
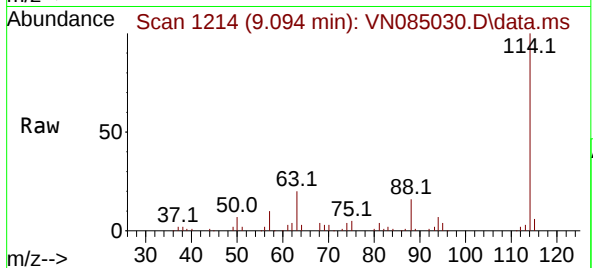




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: VN085030.D
 Acq: 25 Nov 2024 16:06

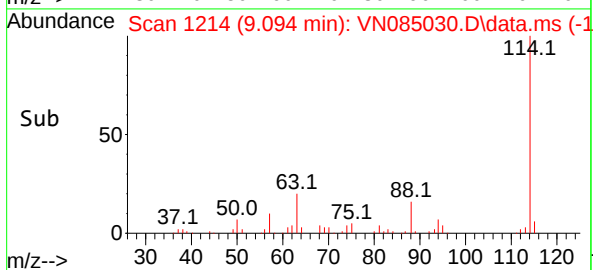
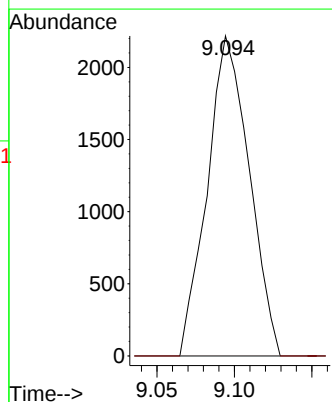
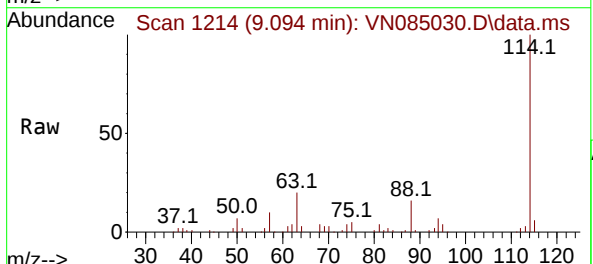
Instrument :
 MSVOA_N
 ClientSampleId :

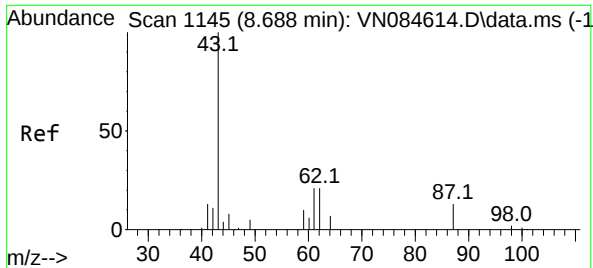
Tgt Ion:114 Resp: 118468
 Ion Ratio Lower Upper
 114 100
 63 21.2 16.8 25.2
 88 16.3 12.9 19.3



#36
 1,2-Dichloroethane
 Concen: 2.129 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.429 min
 Lab File: VN085030.D
 Acq: 25 Nov 2024 16:06

Tgt Ion: 62 Resp: 4176
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#

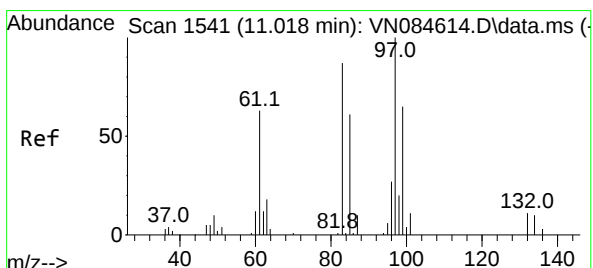
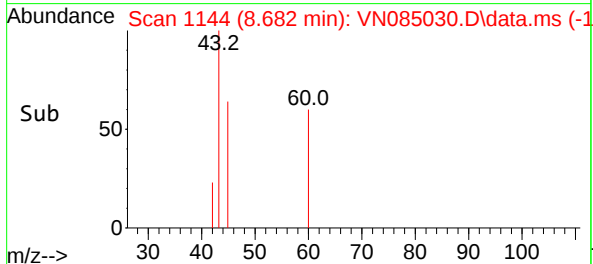
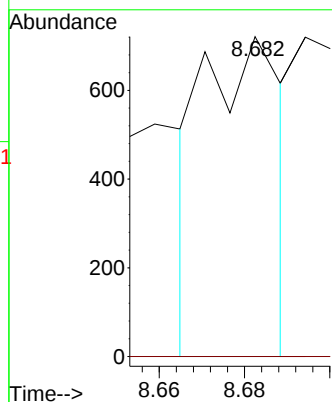
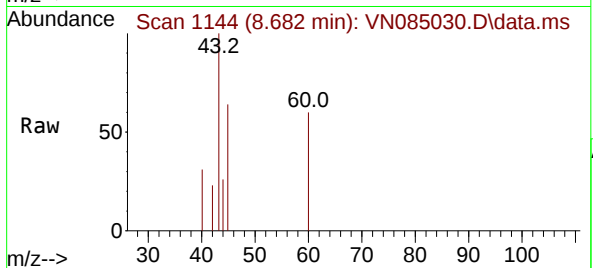




#44
Isopropyl Acetate
Concen: 0.259 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

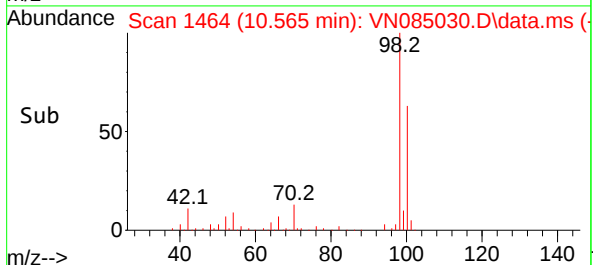
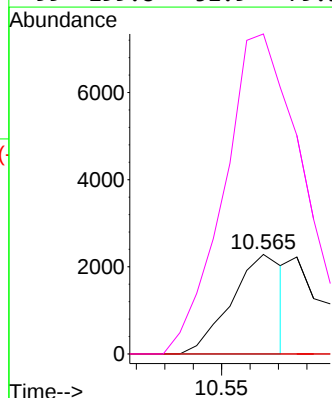
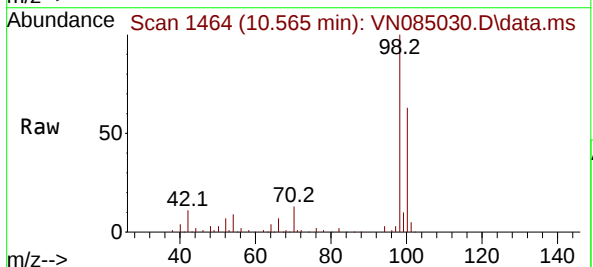
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ClientSampleId :

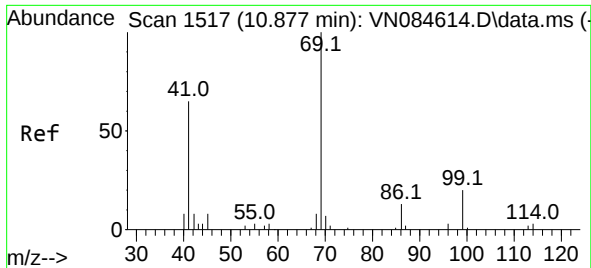
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
61 0.0 19.8 29.8#



#50
1,1,2-Trichloroethane
Concen: 2.171 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.453 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Tgt Ion: 97 Resp: 2893
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 48.6 73.0#
99 299.8 52.9 79.3#

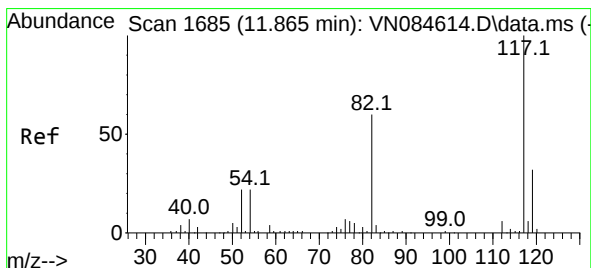
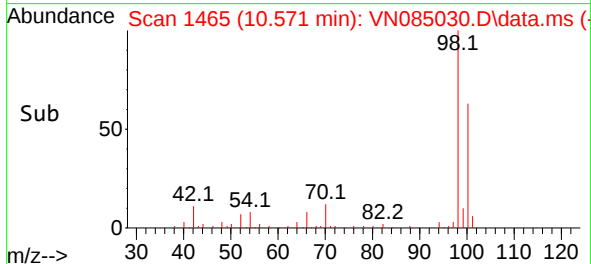
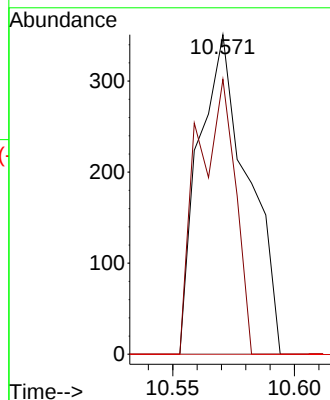
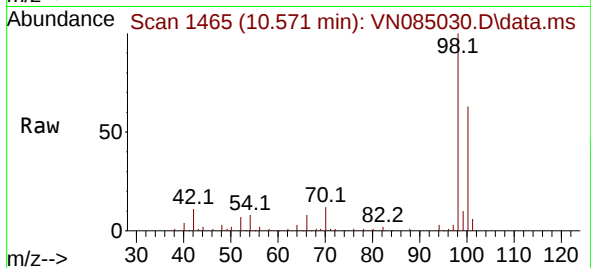




#51
Ethyl methacrylate
Concen: 0.240 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.306 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

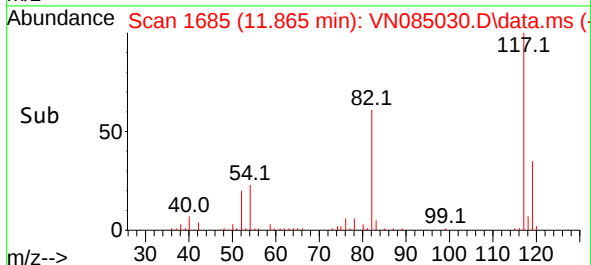
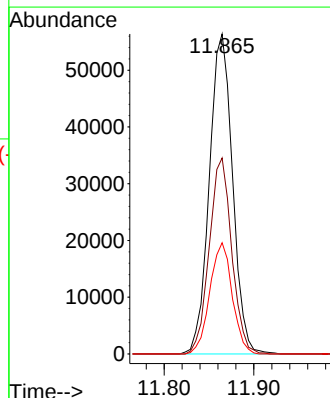
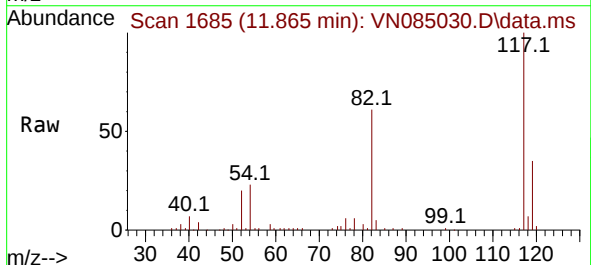
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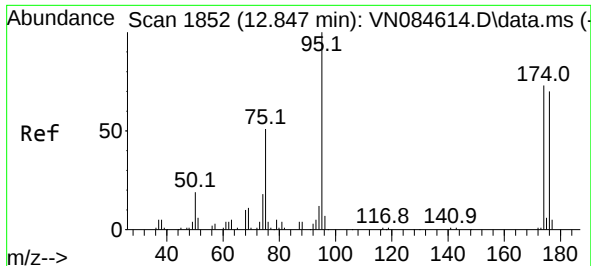
Tgt Ion: 69 Resp: 492
Ion Ratio Lower Upper
69 100
41 86.0 32.8 98.3
39 0.0 15.4 46.1#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Tgt Ion: 117 Resp: 101396
Ion Ratio Lower Upper
117 100
82 59.3 45.5 68.3
119 33.5 25.3 37.9

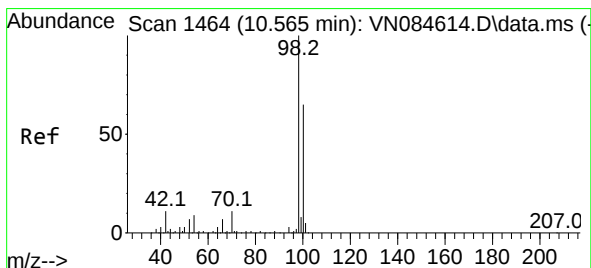
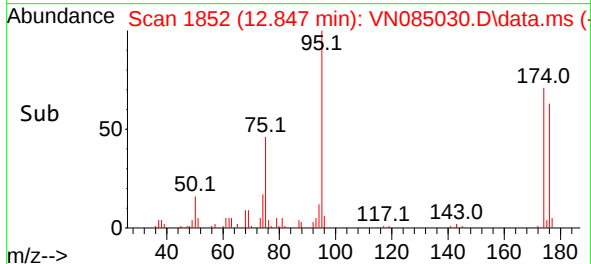
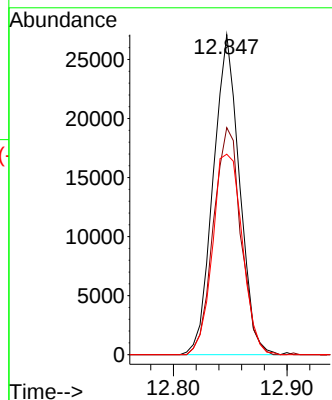
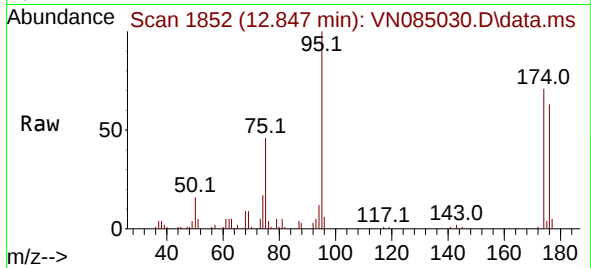




#60
4-Bromofluorobenzene
Concen: 24.916 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

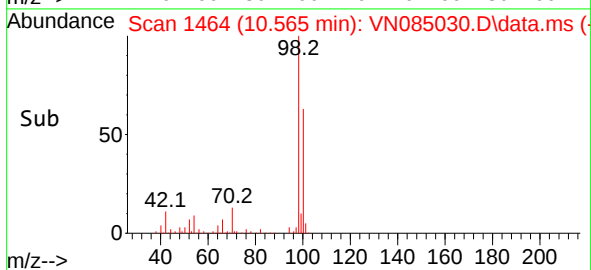
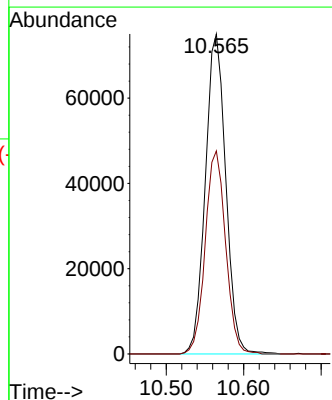
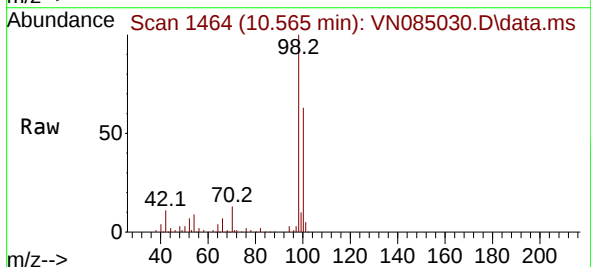
Instrument :
MSVOA_N
ClientSampleId :

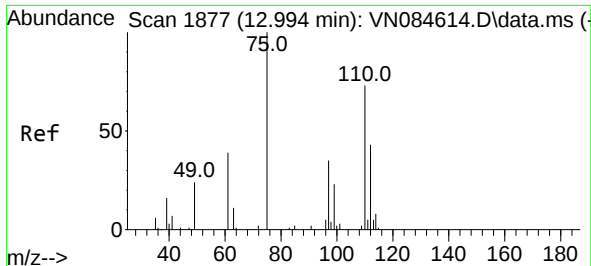
Tgt Ion: 95 Resp: 43500
Ion Ratio Lower Upper
95 100
174 74.6 59.6 89.4
176 71.2 58.6 88.0



#63
Toluene-d8
Concen: 28.598 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Tgt Ion: 98 Resp: 137272
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.2

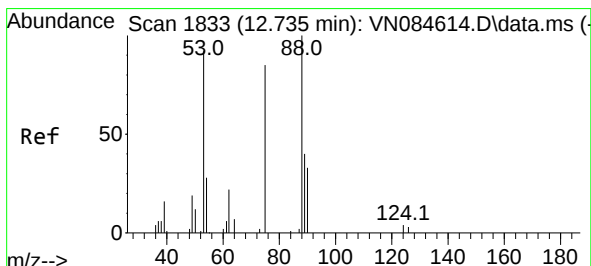
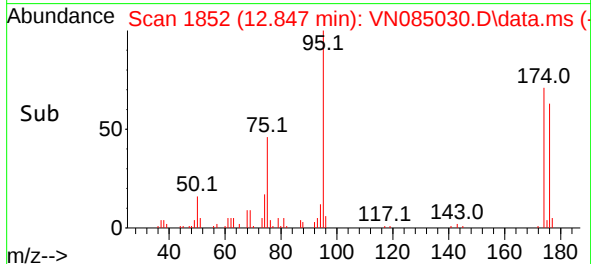
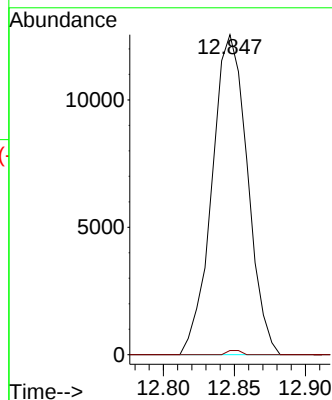
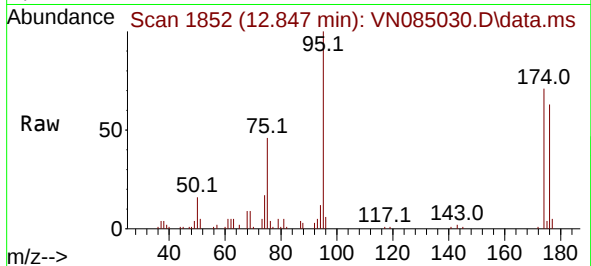




#72
1,2,3-Trichloropropane
Concen: 14.149 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 21805
Ion Ratio Lower Upper
75 100
77 0.5 0.0 358.4



#77
t-1,4-Dichloro-2-butene
Concen: 34.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085030.D
Acq: 25 Nov 2024 16:06

Tgt Ion: 75 Resp: 21805
Ion Ratio Lower Upper
75 100
53 0.0 52.4 157.2#
89 0.0 26.0 78.0#

