

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085395.D
 Acq On : 07 Jan 2025 13:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 04:17:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

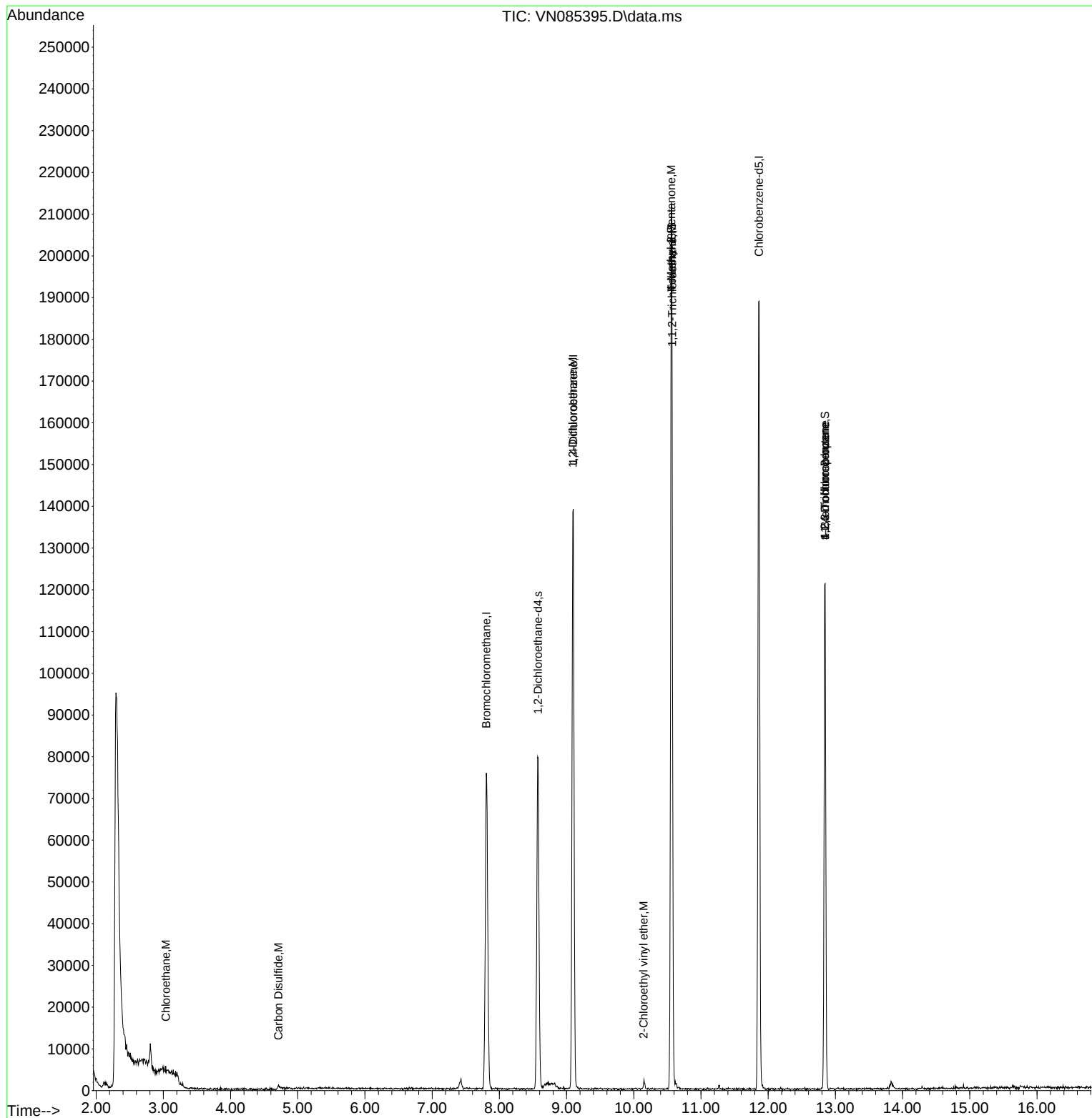
Internal Standards						
1) Bromochloromethane	7.806	128	25198	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	114812	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	107360	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	67351	30.384	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.267%
60) 4-Bromofluorobenzene	12.847	95	40514	23.296	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.667%
63) Toluene-d8	10.565	98	147012	28.043	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.467%
Target Compounds						
					Qvalue	
6) Chloroethane	3.036	64	316	0.232	ug/l	91
16) Carbon Disulfide	4.712	76	1273	0.269	ug/l #	77
36) 1,2-Dichloroethane	9.094	62	4942	2.169	ug/l #	77
50) 1,1,2-Trichloroethane	10.571	97	5138	3.515	ug/l #	1
55) 2-Chloroethyl vinyl ether	10.147	63	531	0.466	ug/l #	83
58) 4-Methyl-2-Pentanone	10.559	43	464	0.213	ug/l #	46
72) 1,2,3-Trichloropropane	12.847	75	23085	12.280	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.847	75	23085	30.048	ug/l #	6

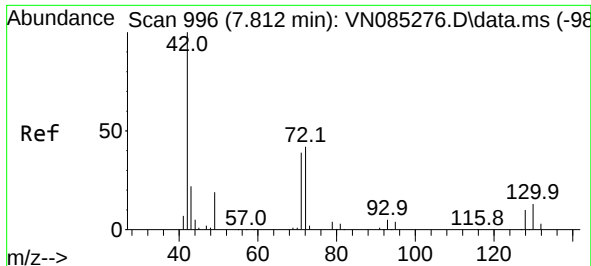
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
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MSVOA_N
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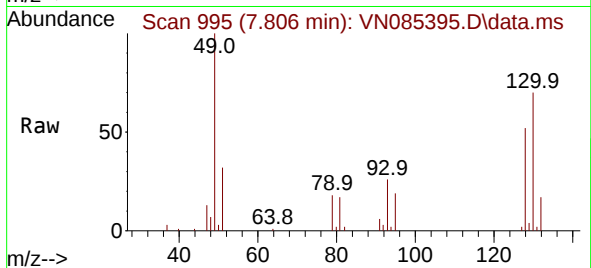
Quant Time: Jan 08 04:17:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 21 02:03:07 2024
Response via : Initial Calibration



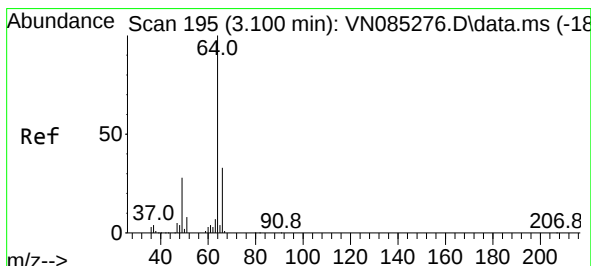
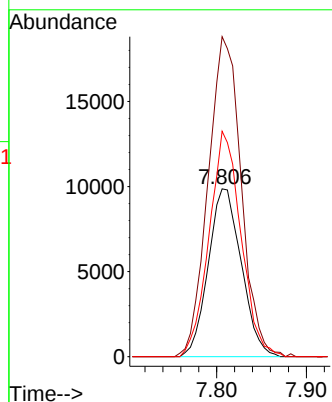
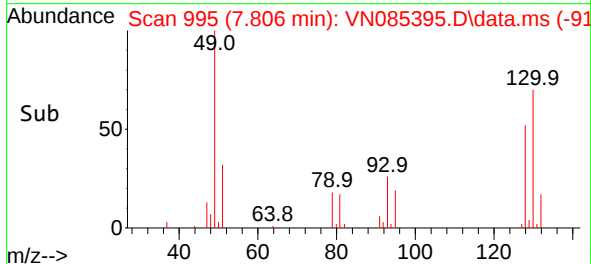


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

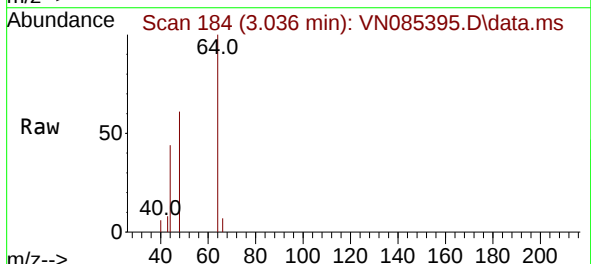
Instrument :
MSVOA_N
ClientSampleId :



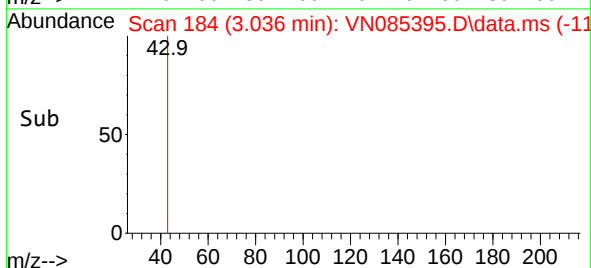
Tgt Ion:128 Resp: 25198
Ion Ratio Lower Upper
128 100
49 190.8 0.0 497.8
130 130.0 0.0 328.5

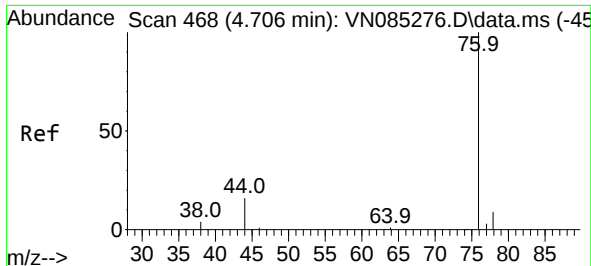


#6
Chloroethane
Concen: 0.232 ug/l
RT: 3.036 min Scan# 184
Delta R.T. -0.082 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05



Tgt Ion: 64 Resp: 316
Ion Ratio Lower Upper
64 100
66 23.0 22.2 33.4

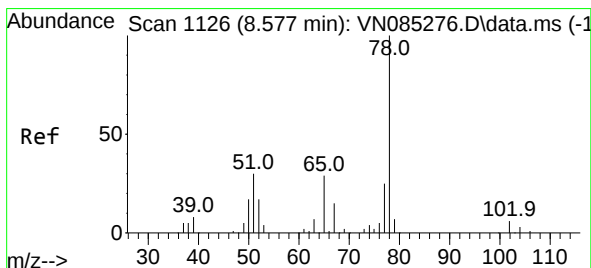
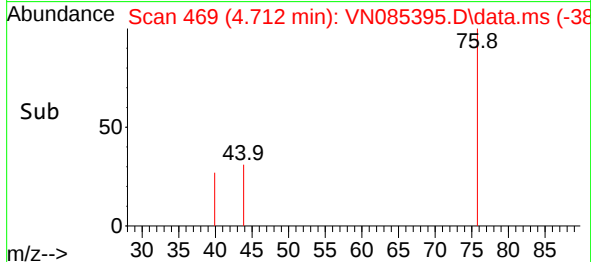
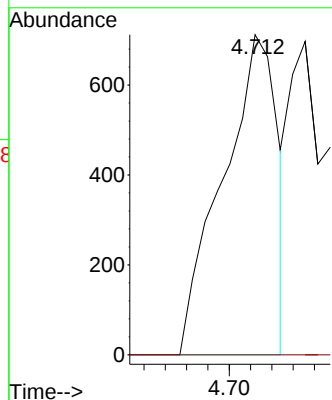
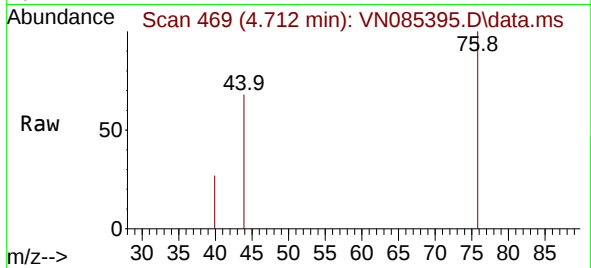




#16
Carbon Disulfide
Concen: 0.269 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

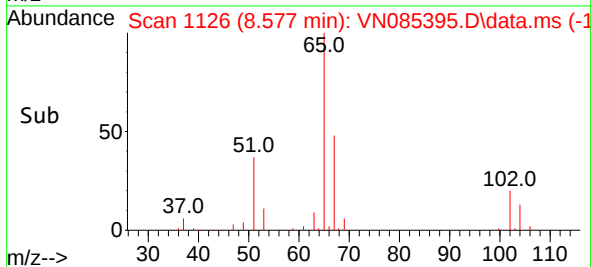
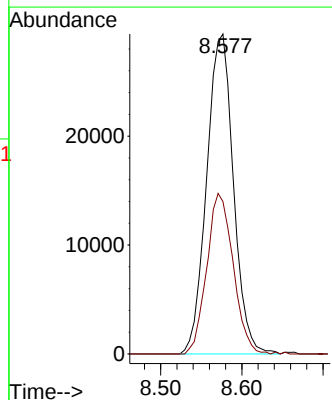
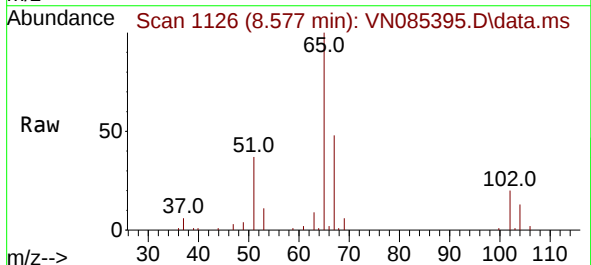
Instrument :
MSVOA_N
ClientSampleId :

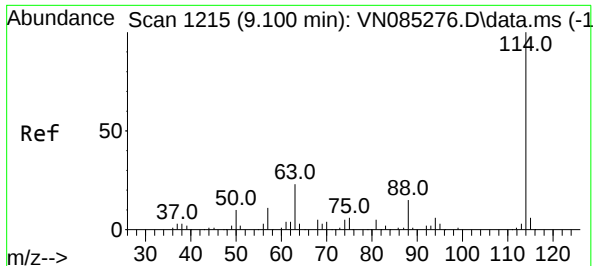
Tgt Ion: 76 Resp: 1273
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#



#27
1,2-Dichloroethane-d4
Concen: 30.384 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

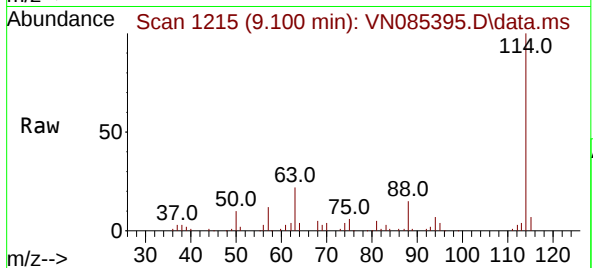
Tgt Ion: 65 Resp: 67351
Ion Ratio Lower Upper
65 100
67 49.4 42.0 63.0



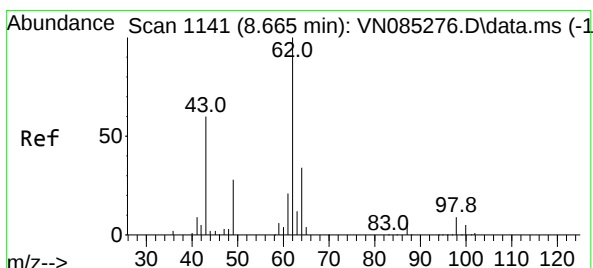
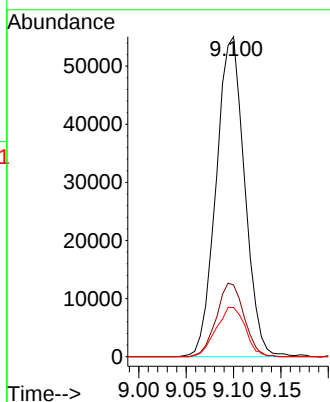
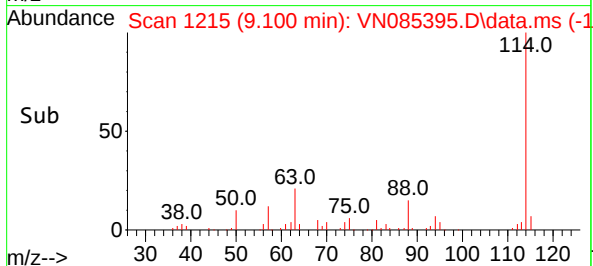


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114812
Delta R.T. 0.000 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :

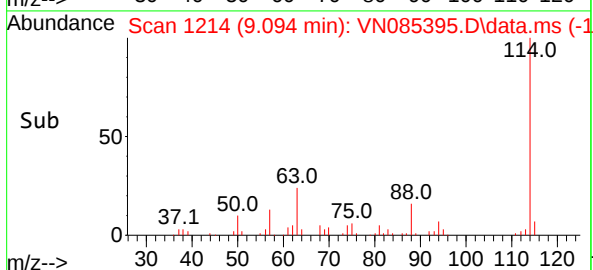
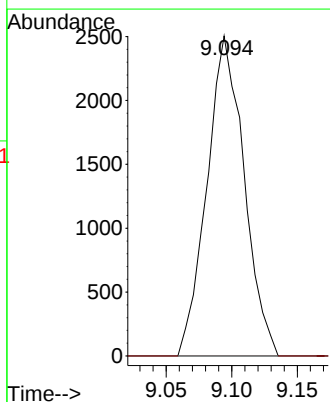
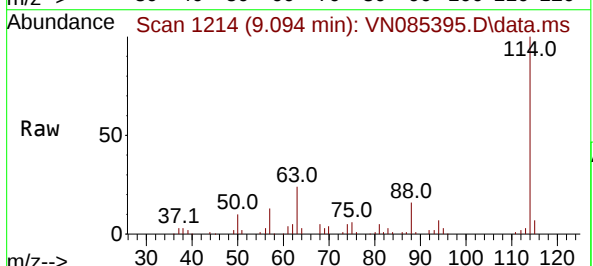


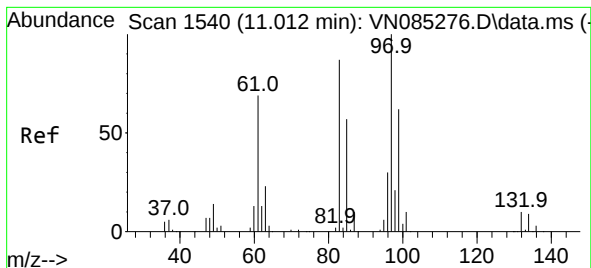
Tgt Ion:114 Resp: 114812
Ion Ratio Lower Upper
114 100
63 22.4 18.0 27.0
88 15.9 12.9 19.3



#36
1,2-Dichloroethane
Concen: 2.169 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.429 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

Tgt Ion: 62 Resp: 4942
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#50

1,1,2-Trichloroethane

Concen: 3.515 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.441 min

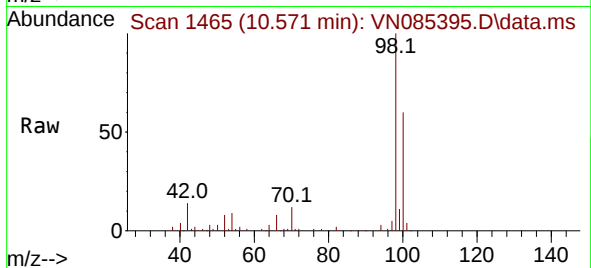
Lab File: VN085395.D

Acq: 07 Jan 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 5138

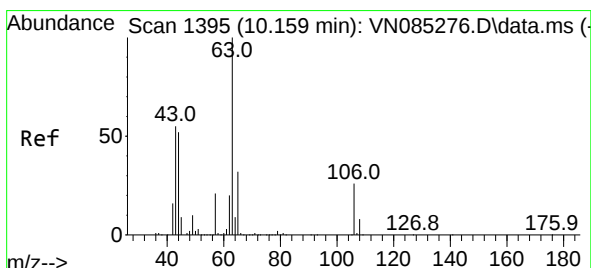
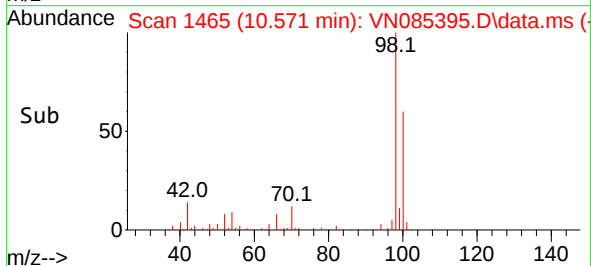
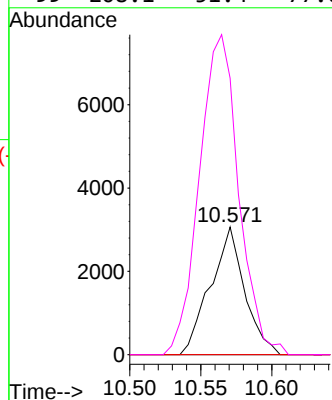
Ion Ratio Lower Upper

97 100

83 0.0 72.2 108.2#

85 0.0 46.6 70.0#

99 208.1 51.4 77.0#



#55

2-Chloroethyl vinyl ether

Concen: 0.466 ug/l

RT: 10.147 min Scan# 1393

Delta R.T. -0.012 min

Lab File: VN085395.D

Acq: 07 Jan 2025 13:05

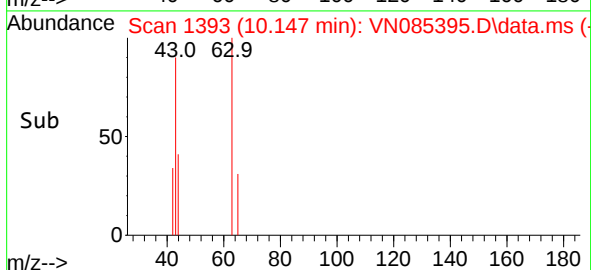
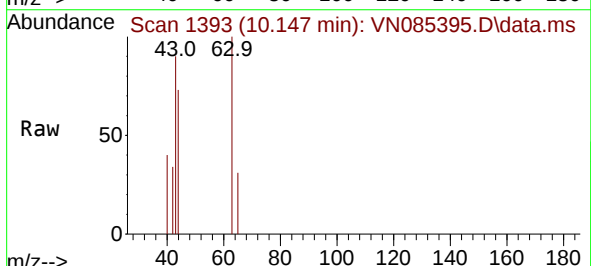
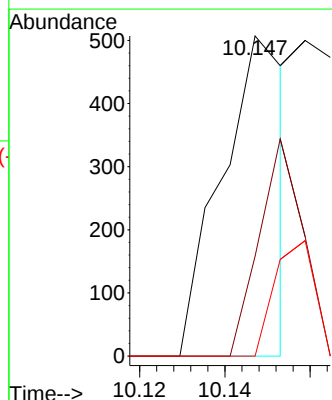
Tgt Ion: 63 Resp: 531

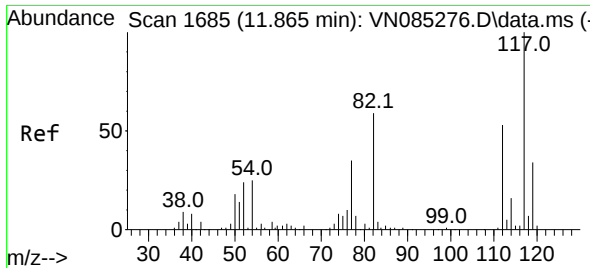
Ion Ratio Lower Upper

63 100

65 46.0 25.9 38.9#

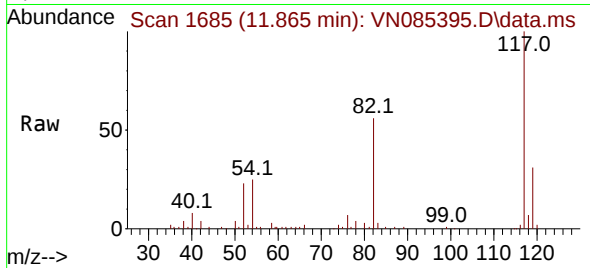
106 22.2 21.2 31.8



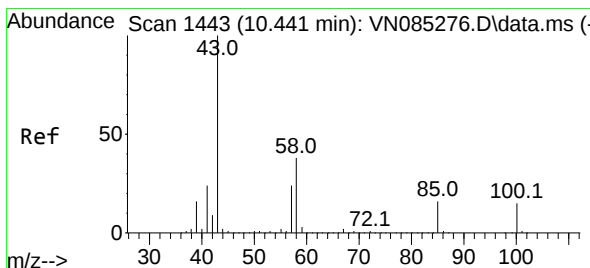
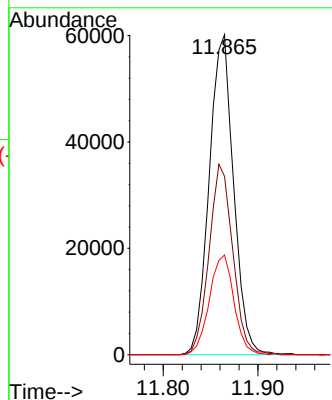
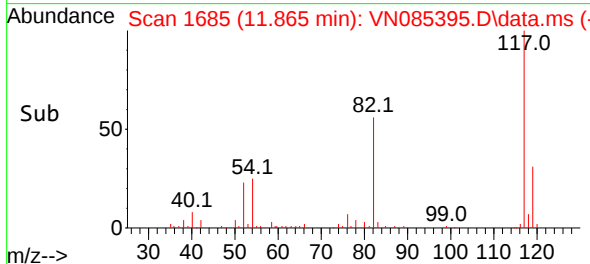


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :

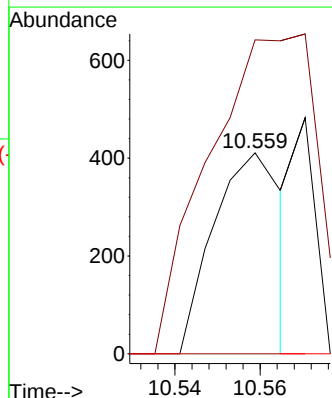
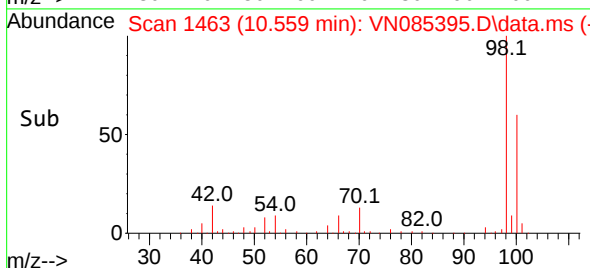
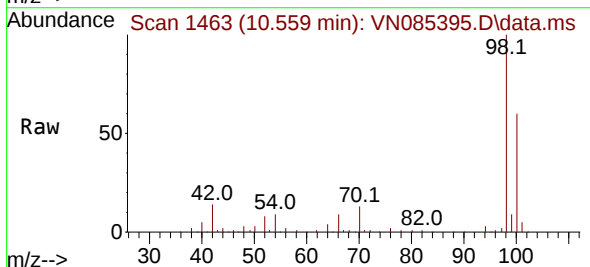


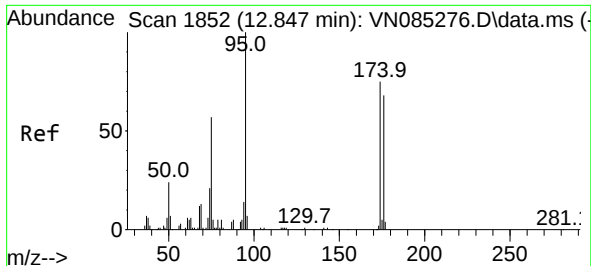
Tgt Ion:117 Resp: 107360
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.0
119 31.5 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 0.213 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#
85 0.0 12.8 19.2#

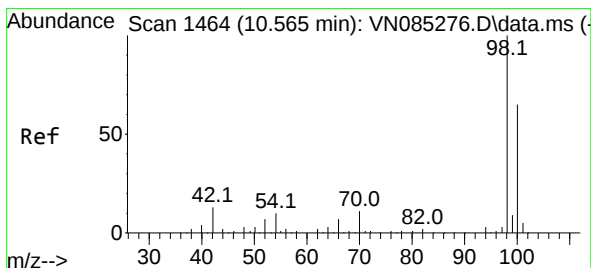
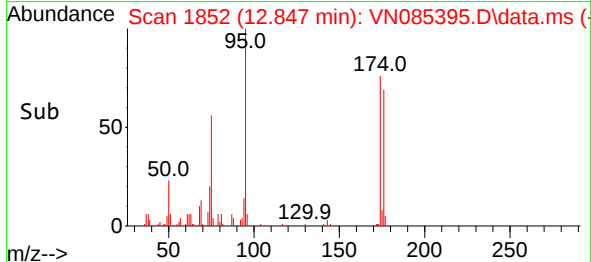
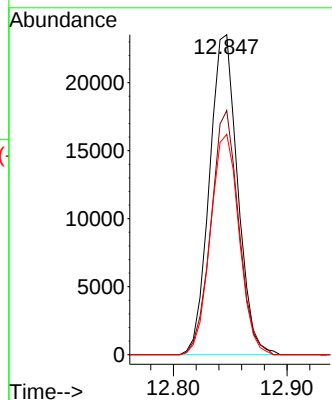
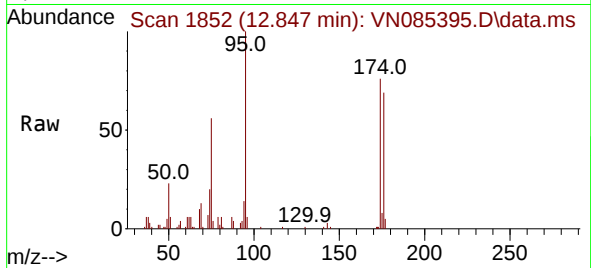




#60
4-Bromofluorobenzene
Concen: 23.296 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

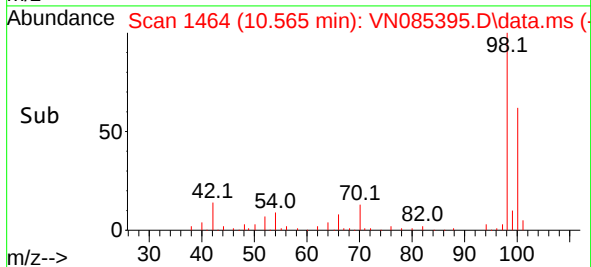
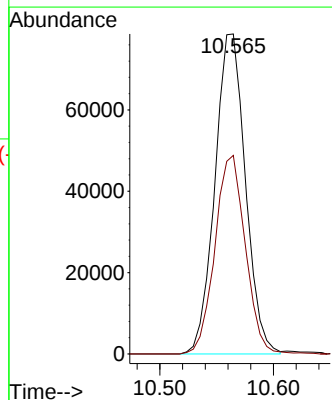
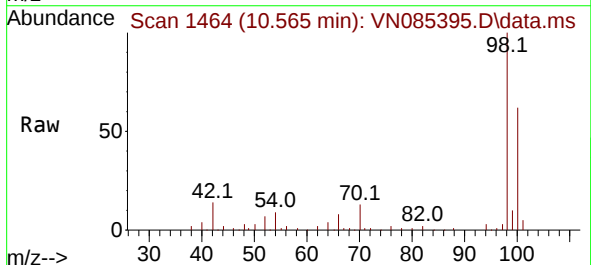
Instrument :
MSVOA_N
ClientSampleId :

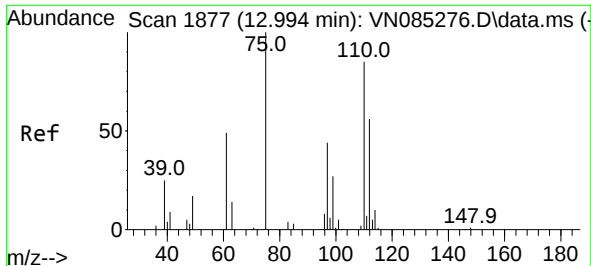
Tgt Ion: 95 Resp: 40514
Ion Ratio Lower Upper
95 100
174 75.3 57.8 86.8
176 70.0 57.1 85.7



#63
Toluene-d8
Concen: 28.043 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

Tgt Ion: 98 Resp: 147012
Ion Ratio Lower Upper
98 100
100 61.8 50.8 76.2

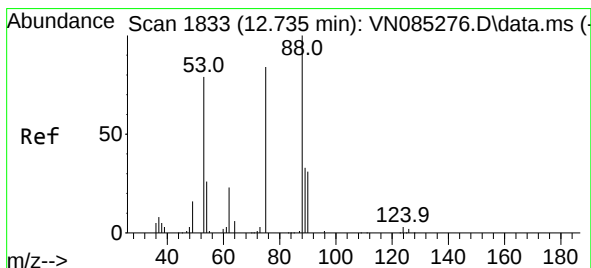
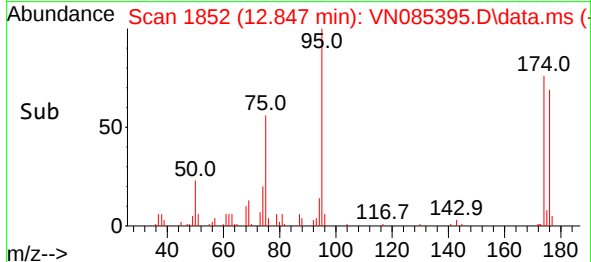
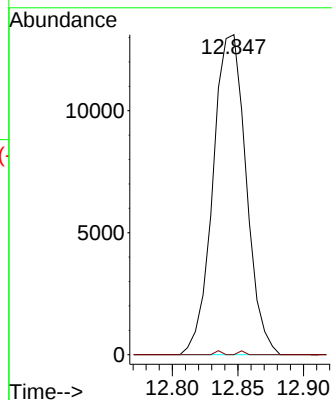
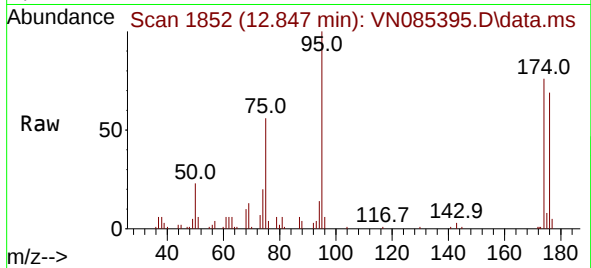




#72
1,2,3-Trichloropropane
Concen: 12.280 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 23085
Ion Ratio Lower Upper
75 100
77 0.0 0.0 407.2



#77
t-1,4-Dichloro-2-butene
Concen: 30.048 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085395.D
Acq: 07 Jan 2025 13:05

Tgt Ion: 75 Resp: 23085
Ion Ratio Lower Upper
75 100
53 0.0 54.9 164.5#
89 0.0 22.8 68.3#

