

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085544.D
 Acq On : 28 Jan 2025 17:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 29 00:42:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

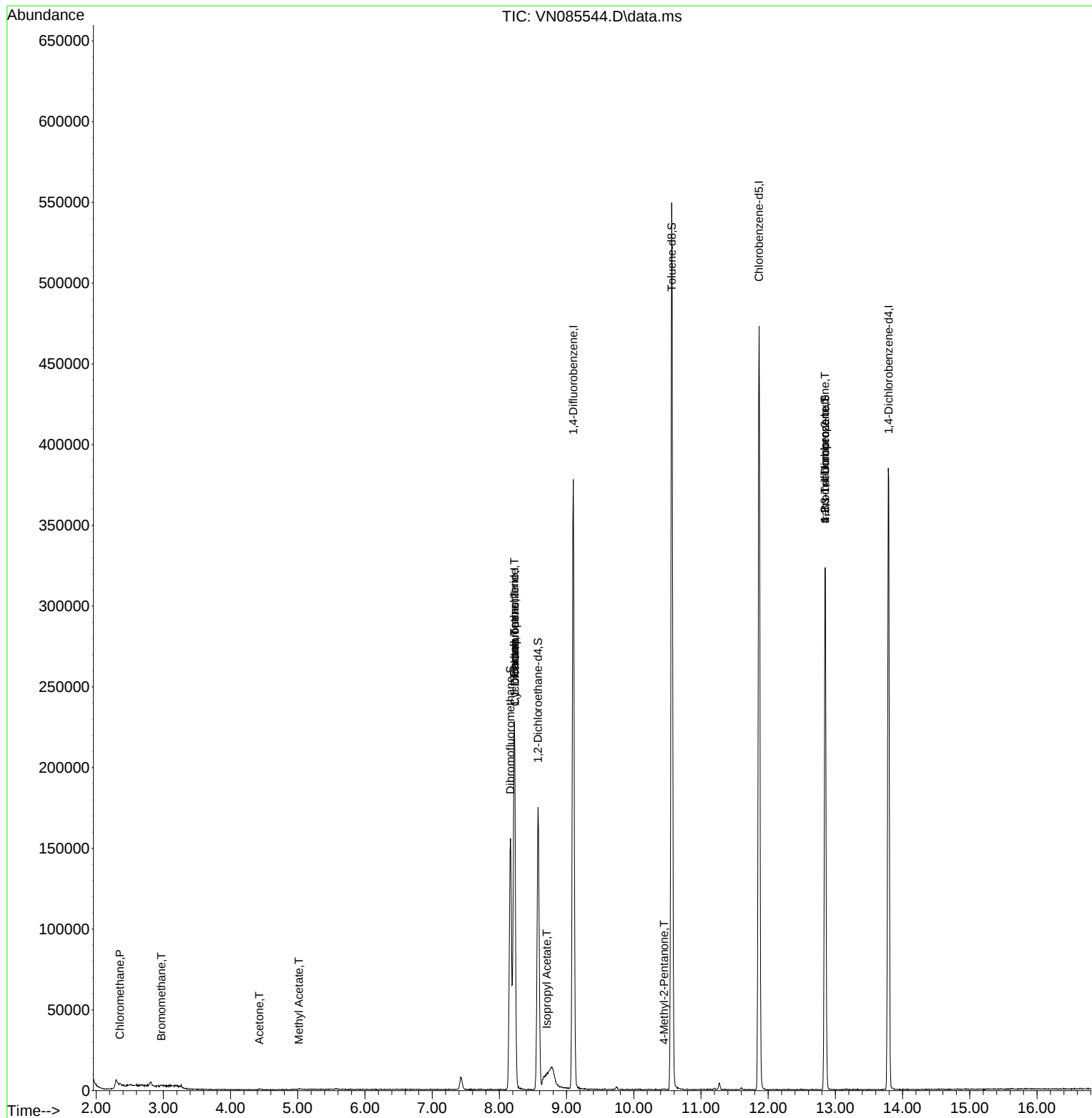
Internal Standards						
1) Pentafluorobenzene	8.224	168	155192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147160	58.744	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.480%	
35) Dibromofluoromethane	8.165	113	109385	52.582	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.160%	
50) Toluene-d8	10.565	98	356774	48.271	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.540%	
62) 4-Bromofluorobenzene	12.847	95	103641	40.992	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	81.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	703	0.309	ug/l #	41
5) Bromomethane	2.971	94	280	0.203	ug/l #	5
16) Acetone	4.430	43	978	1.208	ug/l #	45
18) Methyl Acetate	5.018	43	610	0.248	ug/l #	52
31) Cyclohexane	8.230	56	4641	1.460	ug/l #	47
36) 1,1-Dichloropropene	8.230	75	14947	5.120	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17401	5.206	ug/l #	17
43) Isopropyl Acetate	8.706	43	14669	3.107	ug/l #	55
51) 4-Methyl-2-Pentanone	10.453	43	622	0.227	ug/l #	37
76) 1,2,3-Trichloropropane	12.847	75	59592	28.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59592	78.452	ug/l #	3

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

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IBLK

Quant Time: Jan 29 00:42:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

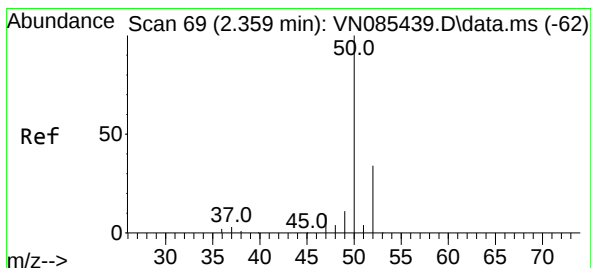
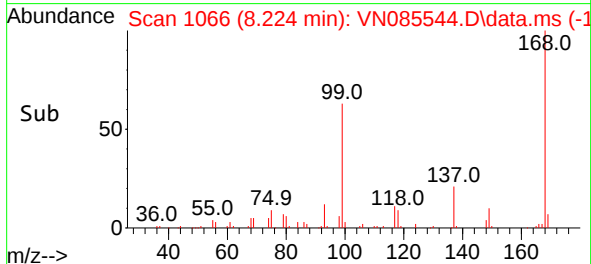
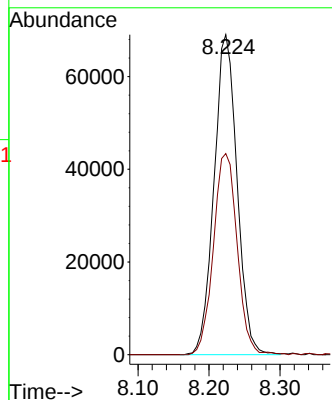
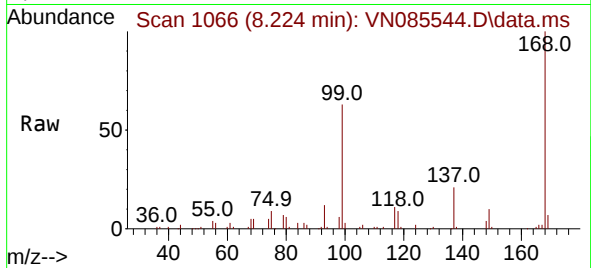




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

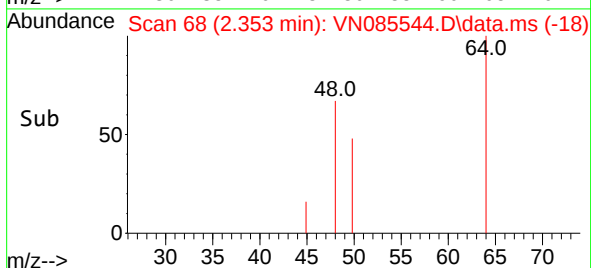
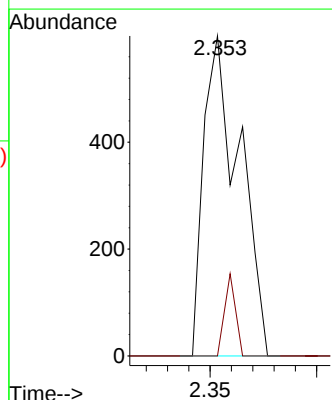
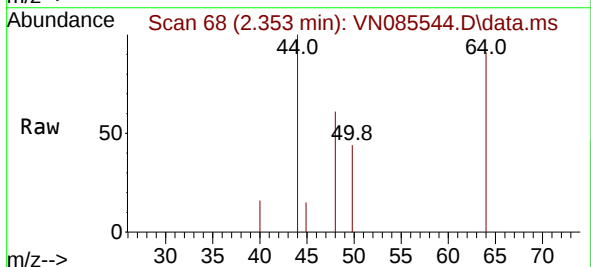
Instrument :
MSVOA_N
ClientSampleId :
IBLK

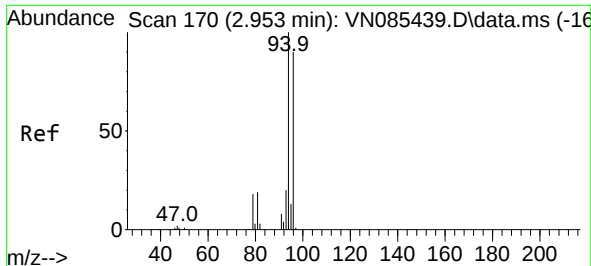
Tgt Ion:168 Resp: 155192
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4



#3
Chloromethane
Concen: 0.309 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Tgt Ion: 50 Resp: 703
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

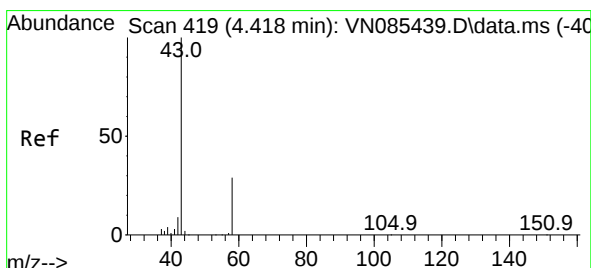
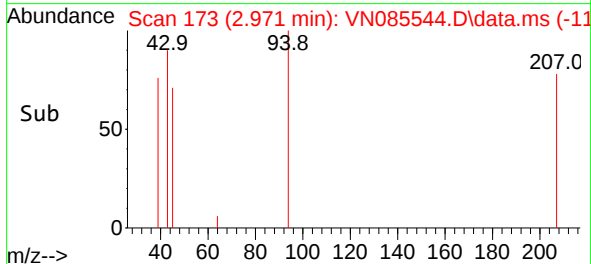
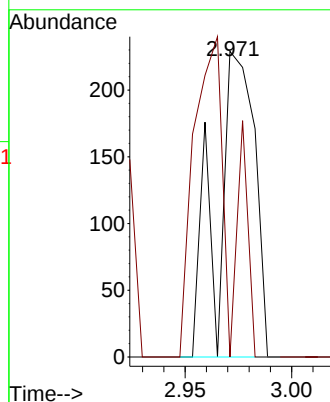
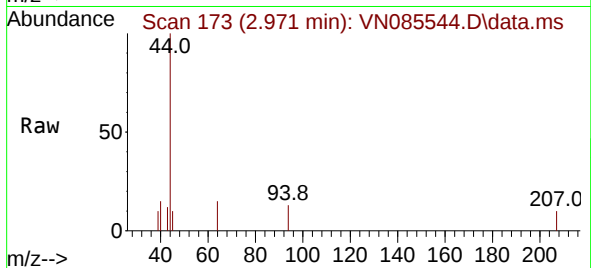




#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

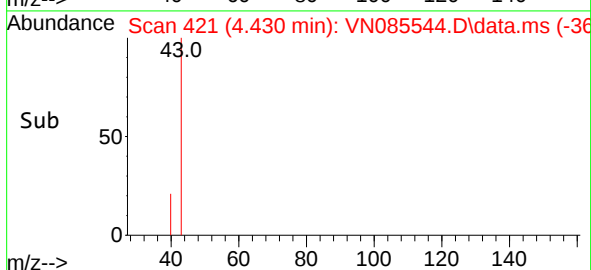
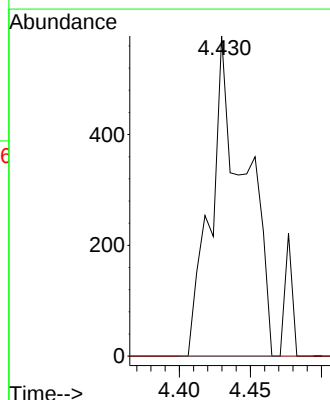
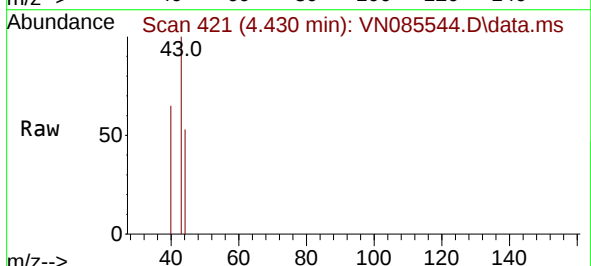
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#



#16
Acetone
Concen: 1.208 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

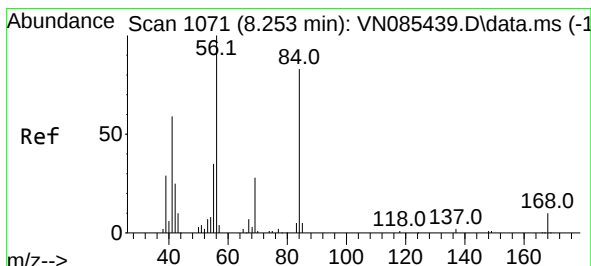
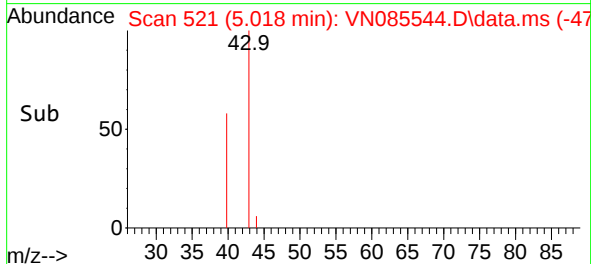
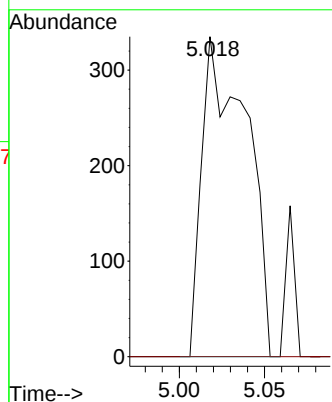
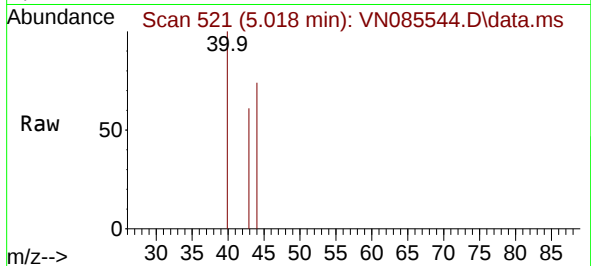




#18
Methyl Acetate
Concen: 0.248 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

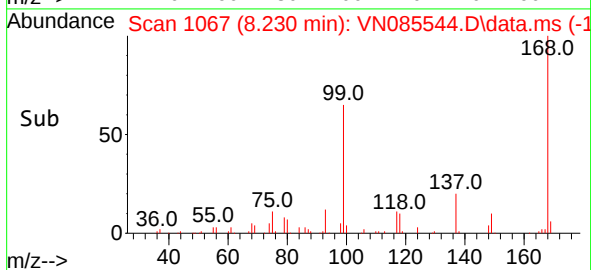
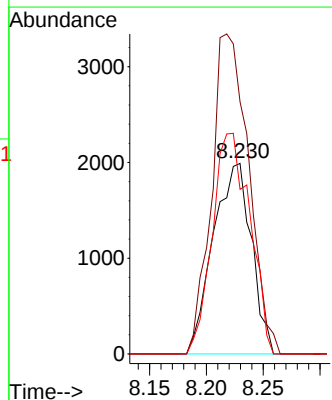
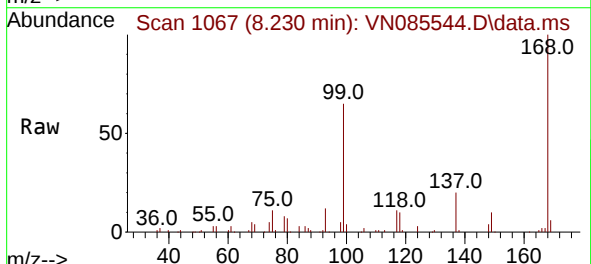
Instrument :
MSVOA_N
ClientSampleId :
IBLK

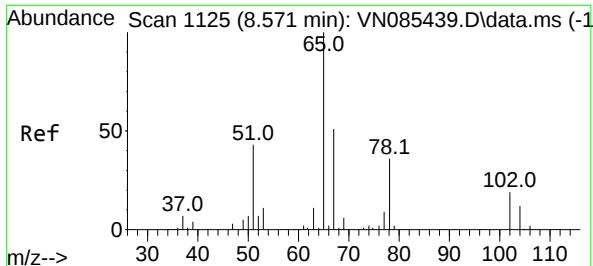
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.460 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Tgt Ion: 56 Resp: 4641
Ion Ratio Lower Upper
56 100
69 132.3 22.2 33.4#
84 86.4 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 58.744 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085544.D

Acq: 28 Jan 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

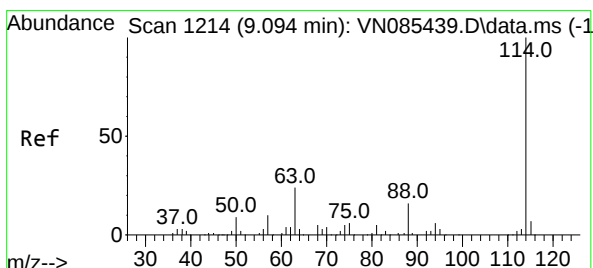
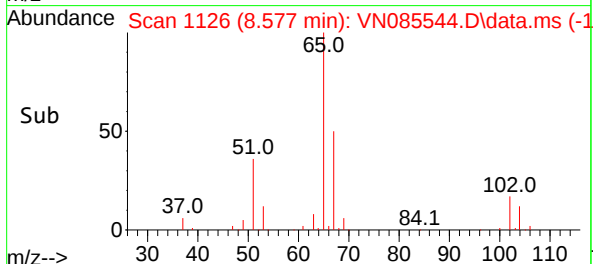
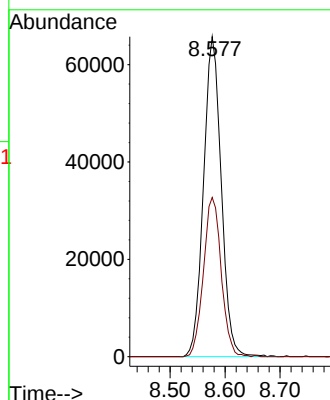
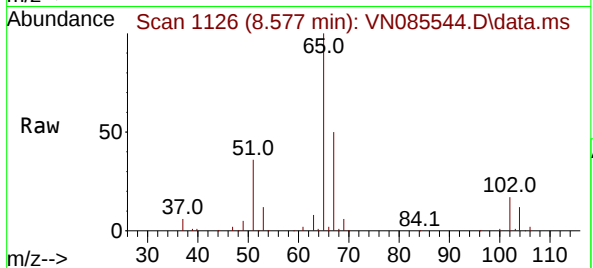
IBLK

Tgt Ion: 65 Resp: 147160

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085544.D

Acq: 28 Jan 2025 17:25

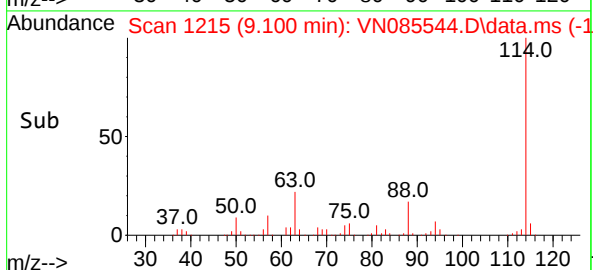
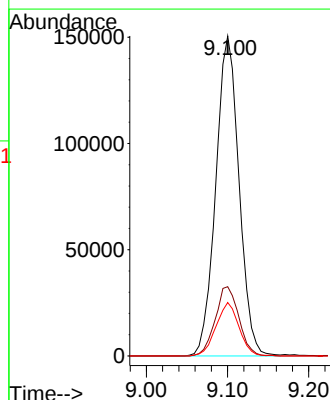
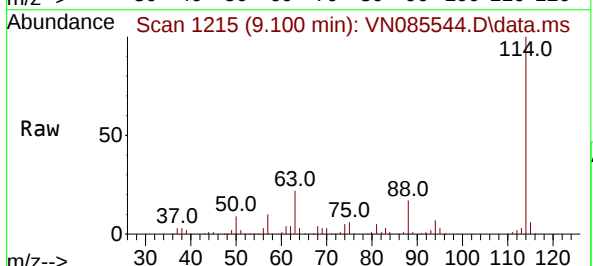
Tgt Ion: 114 Resp: 299855

Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.6

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.582 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085544.D

Acq: 28 Jan 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

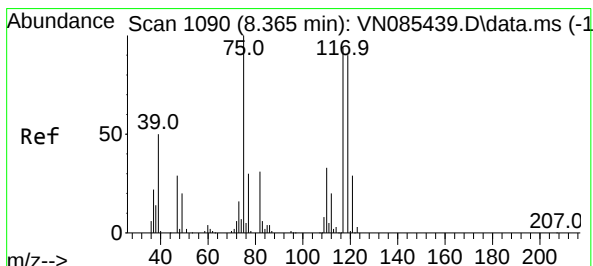
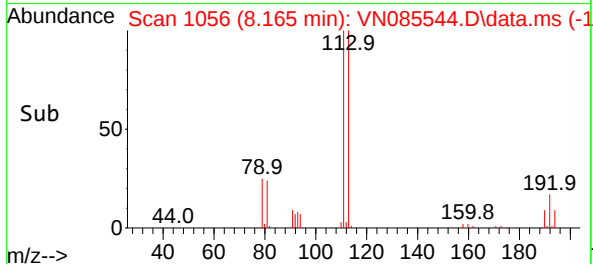
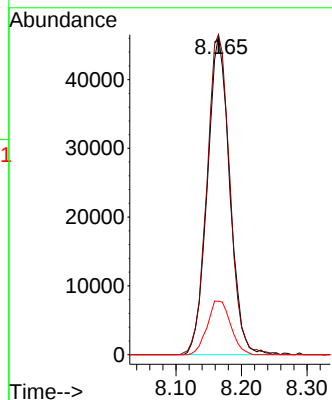
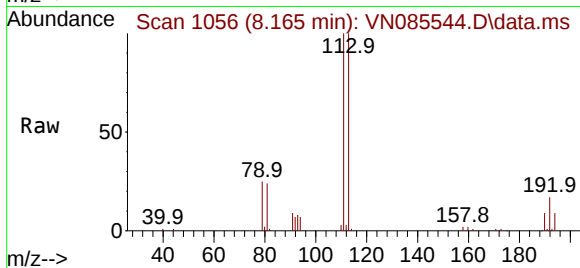
Tgt Ion:113 Resp: 109385

Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

192 17.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.120 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN085544.D

Acq: 28 Jan 2025 17:25

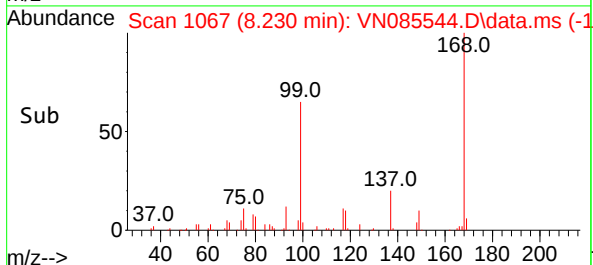
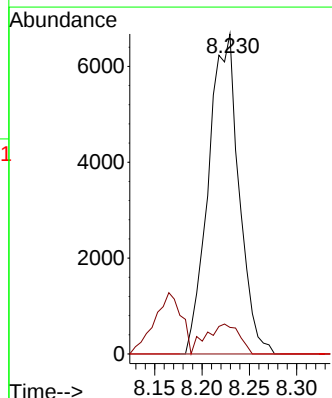
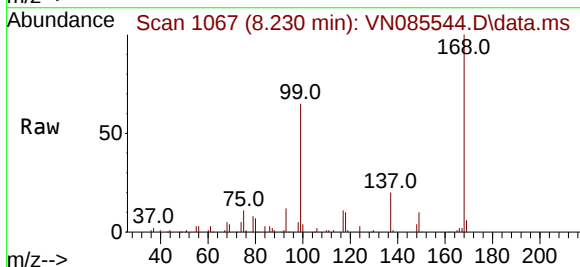
Tgt Ion: 75 Resp: 14947

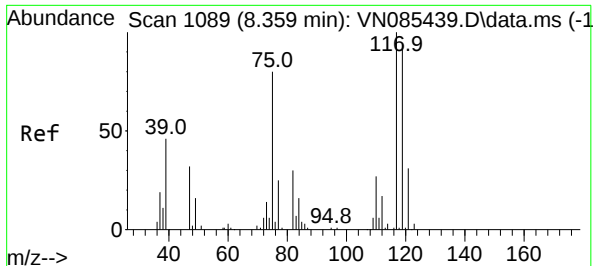
Ion Ratio Lower Upper

75 100

110 8.6 16.5 49.5#

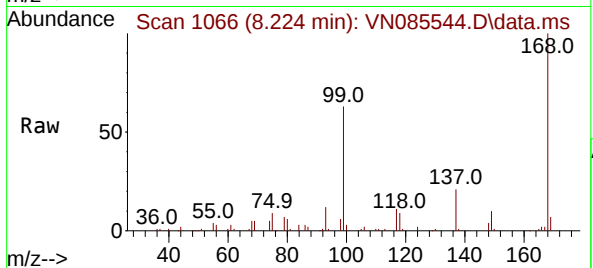
77 0.0 24.4 36.6#



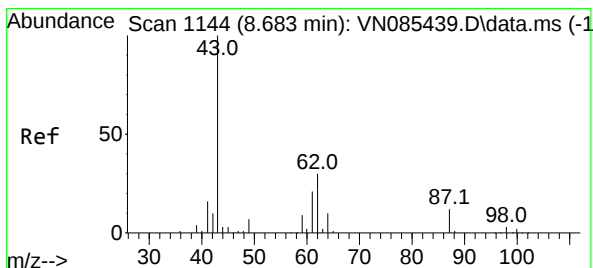
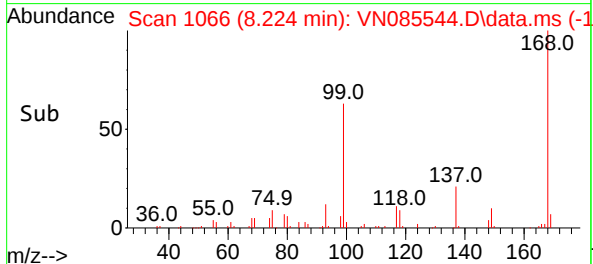
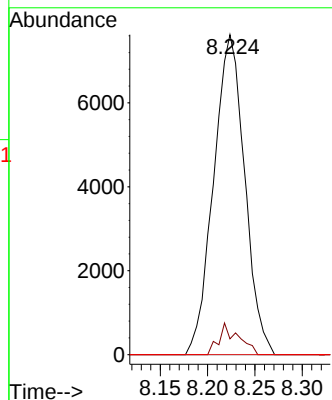


#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

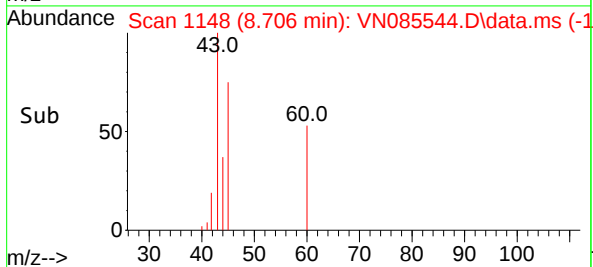
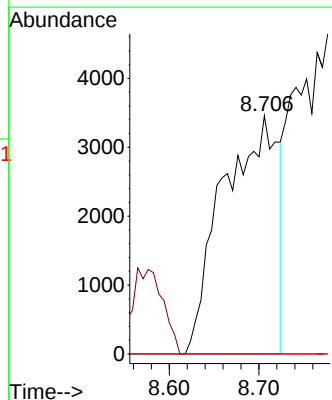
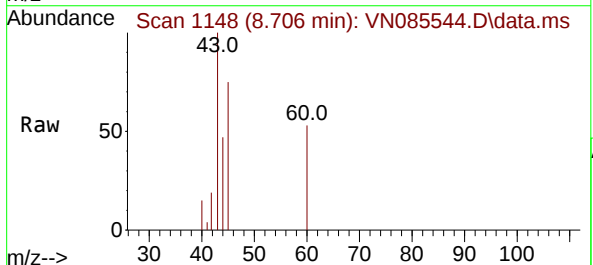


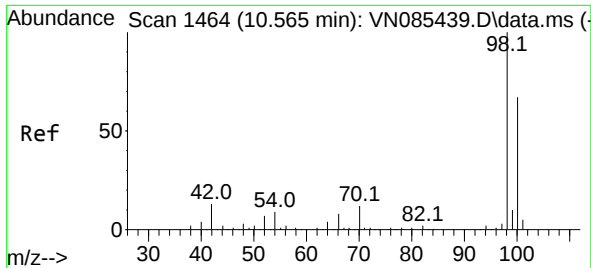
Tgt Ion:117 Resp: 17401
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 3.107 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.023 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Tgt Ion: 43 Resp: 14669
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

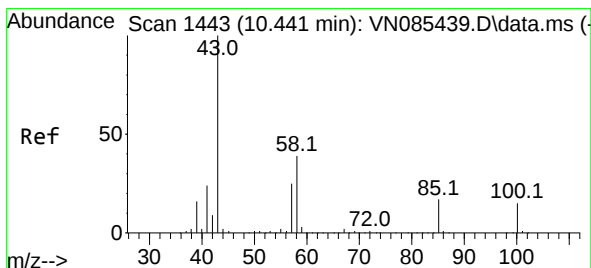
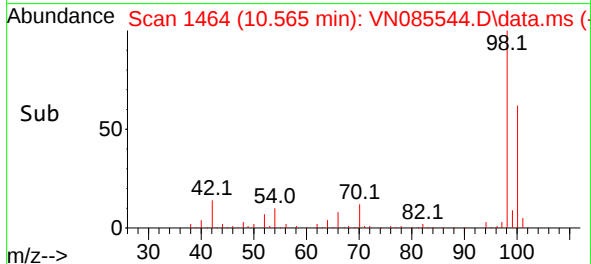
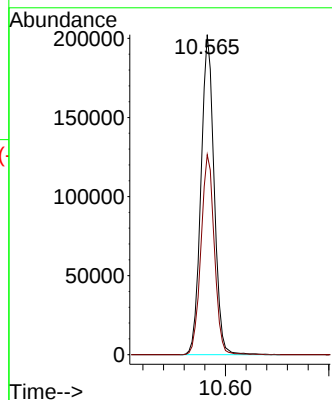
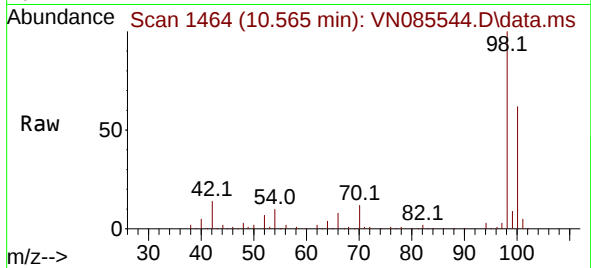




#50
Toluene-d8
Concen: 48.271 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

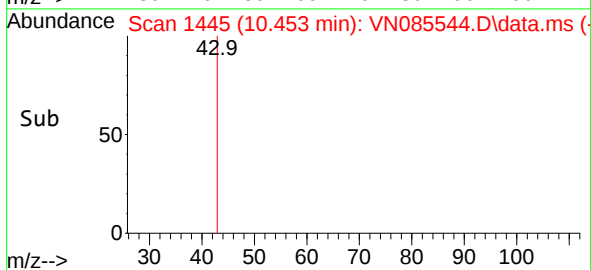
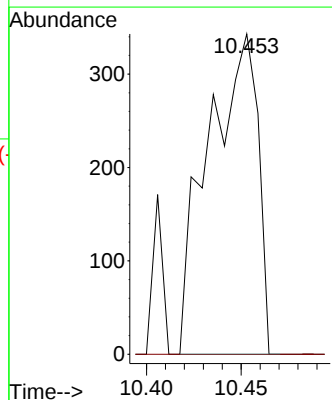
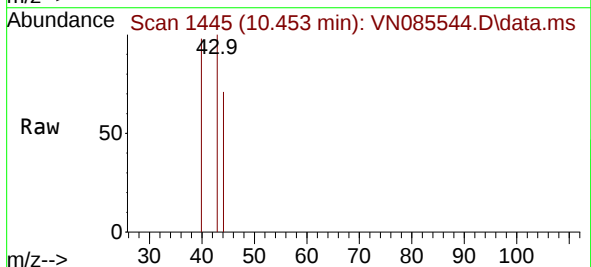
Instrument :
MSVOA_N
ClientSampleId :
IBLK

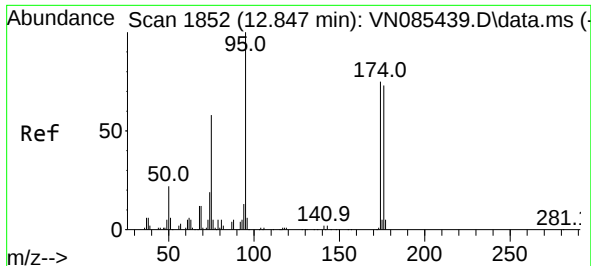
Tgt Ion: 98 Resp: 356774
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.227 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#

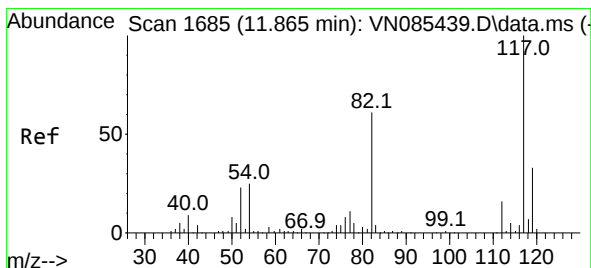
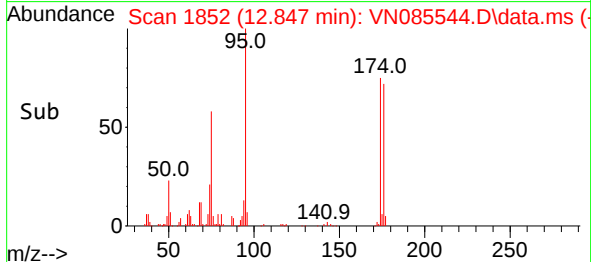
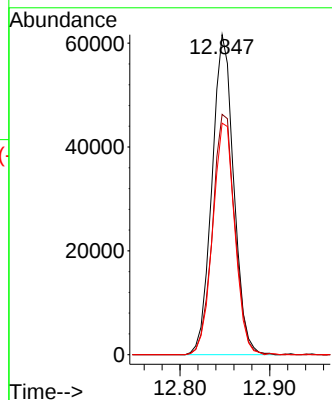
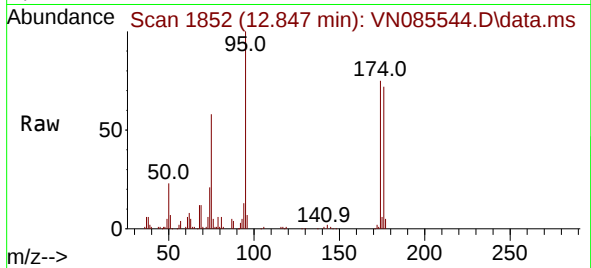




#62
4-Bromofluorobenzene
Concen: 40.992 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

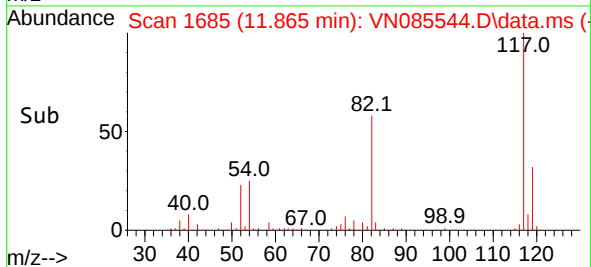
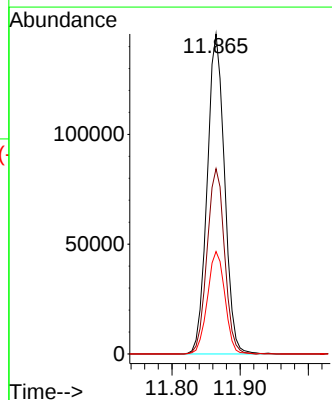
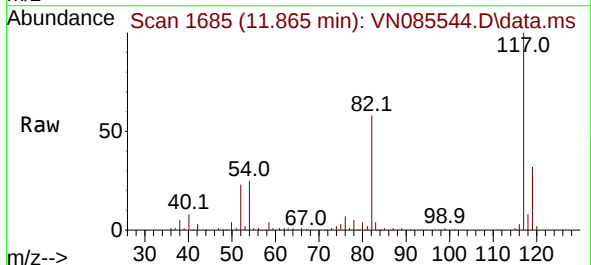
Instrument :
MSVOA_N
ClientSampleId :
IBLK

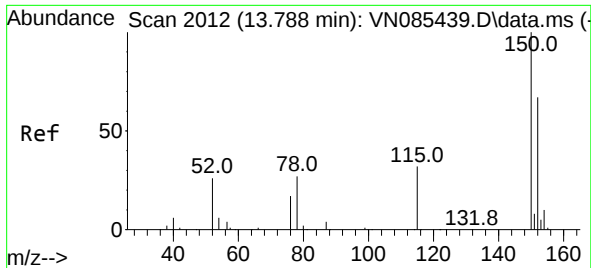
Tgt Ion: 95 Resp: 103641
Ion Ratio Lower Upper
95 100
174 77.4 0.0 145.0
176 73.6 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Tgt Ion: 117 Resp: 258483
Ion Ratio Lower Upper
117 100
82 57.9 48.6 72.8
119 32.0 26.6 39.8

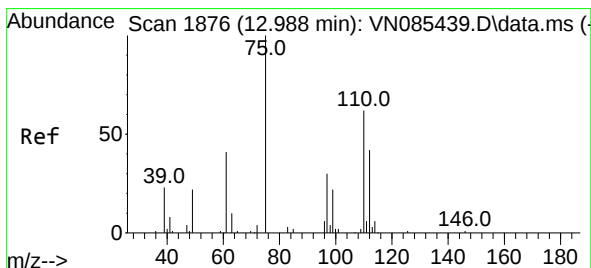
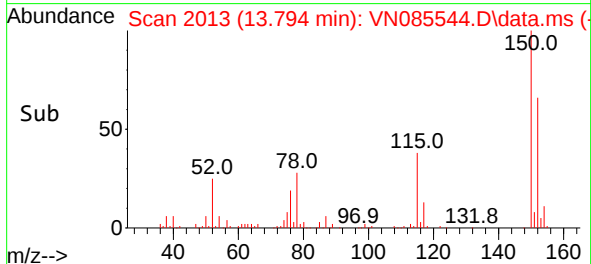
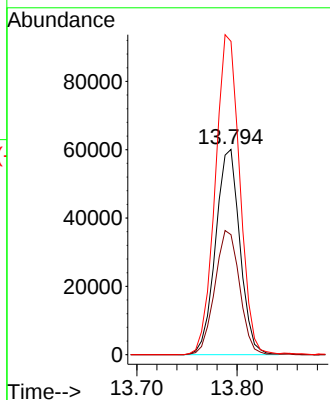
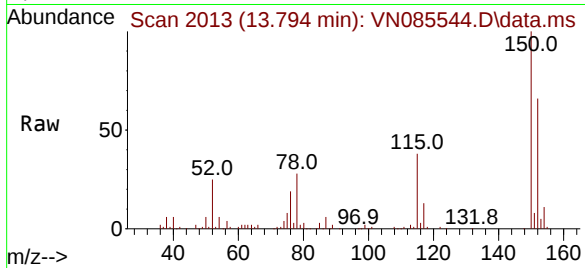




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

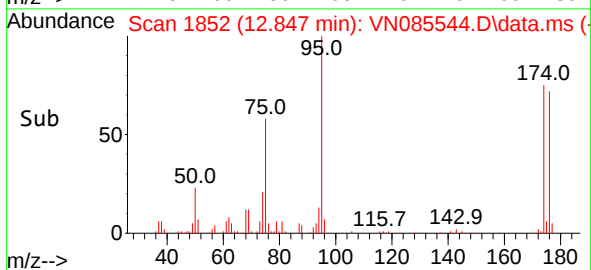
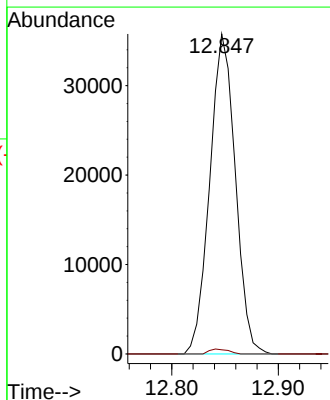
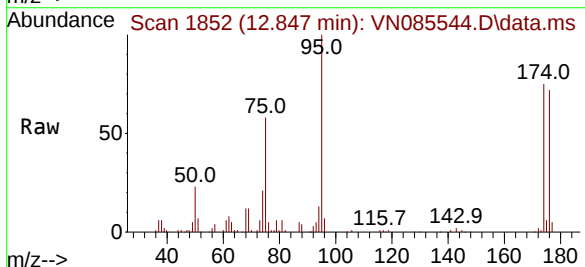
Instrument :
MSVOA_N
ClientSampleId :
IBLK

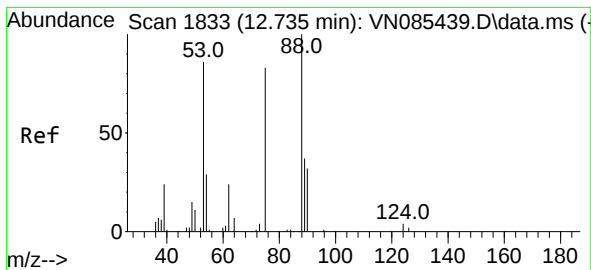
Tgt Ion:152 Resp: 101113
Ion Ratio Lower Upper
152 100
115 61.8 31.1 93.3
150 157.4 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 28.996 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085544.D
Acq: 28 Jan 2025 17:25

Tgt Ion: 75 Resp: 59592
Ion Ratio Lower Upper
75 100
77 1.2 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.452 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085544.D
 Acq: 28 Jan 2025 17:25

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 59592
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#

