

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085429.D
 Acq On : 13 Jan 2025 16:06
 Operator : JC\MD
 Sample : VN0113WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 16:37:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

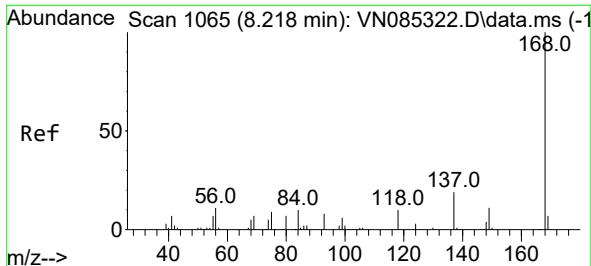
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	182784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148988	57.149	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.300%		
35) Dibromofluoromethane	8.165	113	111044	51.835	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.660%		
50) Toluene-d8	10.565	98	373511	47.513	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.020%		
62) 4-Bromofluorobenzene	12.847	95	121665	46.601	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.200%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.218	56	5089	1.321	ug/l #	24
36) 1,1-Dichloropropene	8.218	75	17569	5.601	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21150	6.186	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1627	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67971	30.690	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67971	73.497	ug/l #	10

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

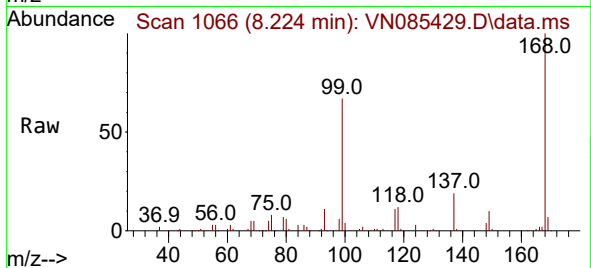
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



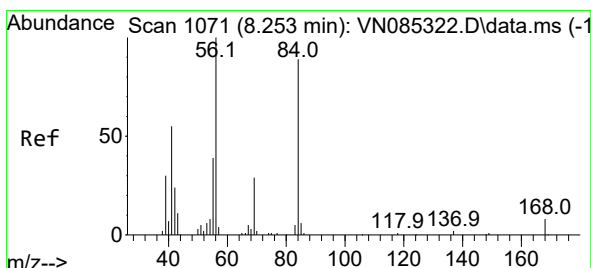
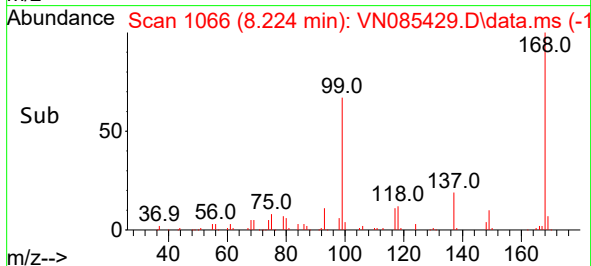
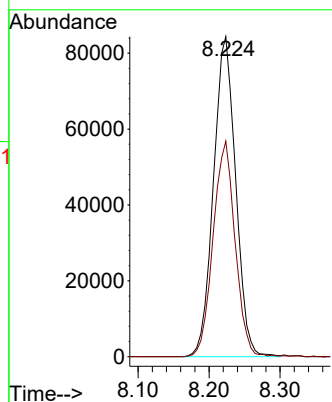


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Instrument :
MSVOA_N
ClientSampleId :

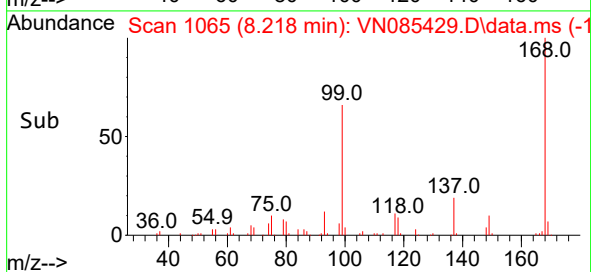
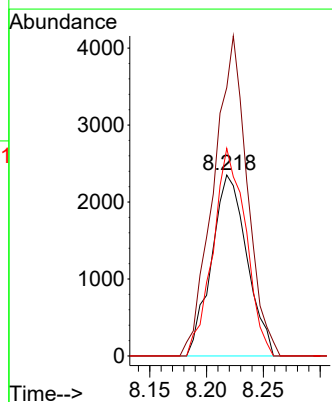
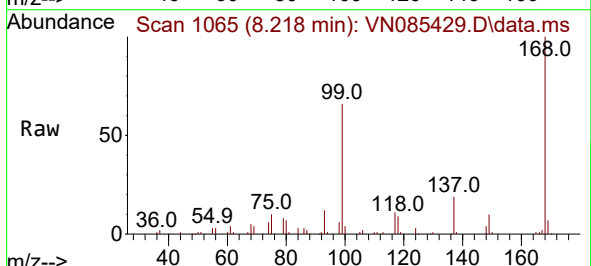


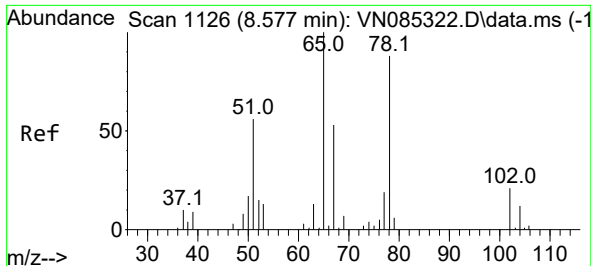
Tgt Ion:168 Resp: 182784
Ion Ratio Lower Upper
168 100
99 67.4 51.0 76.4



#31
Cyclohexane
Concen: 1.321 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Tgt Ion: 56 Resp: 5089
Ion Ratio Lower Upper
56 100
69 148.2 23.4 35.0#
84 114.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 57.149 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085429.D

Acq: 13 Jan 2025 16:06

Instrument :

MSVOA_N

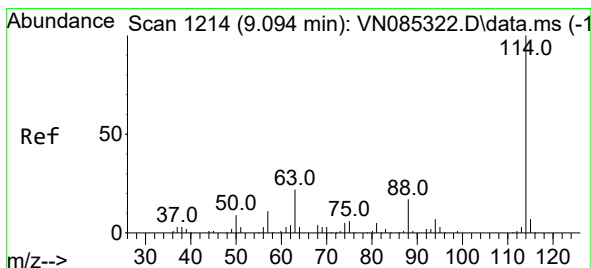
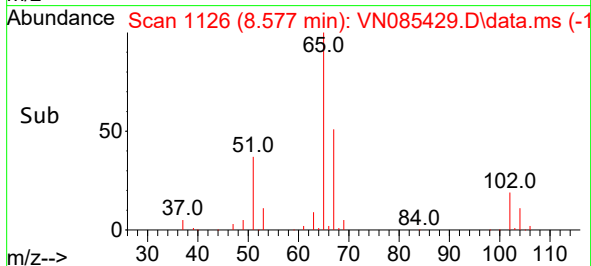
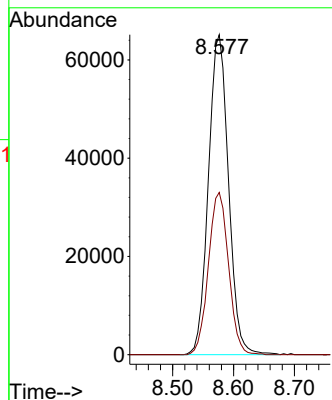
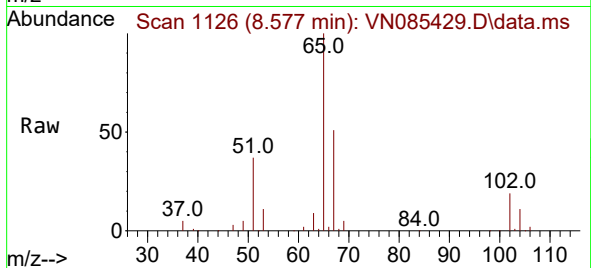
ClientSampleId :

Tgt Ion: 65 Resp: 148988

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085429.D

Acq: 13 Jan 2025 16:06

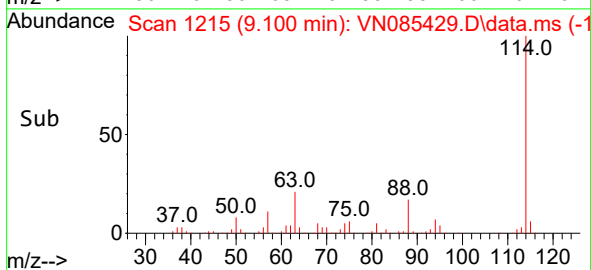
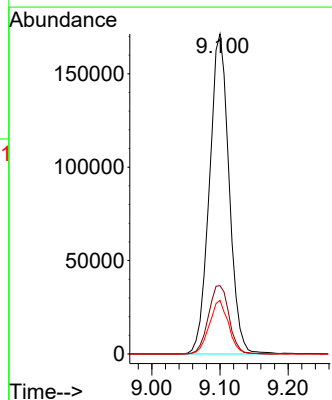
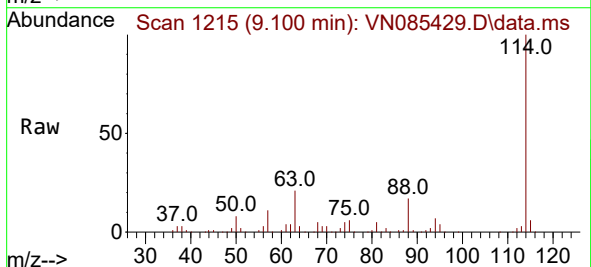
Tgt Ion: 114 Resp: 343393

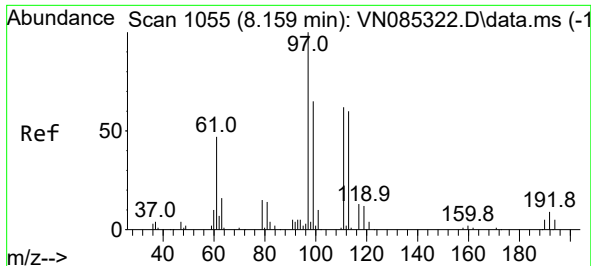
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

88 16.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.835 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

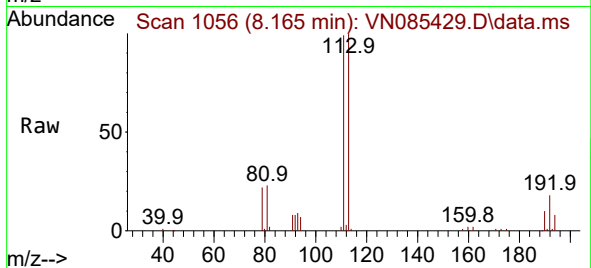
Lab File: VN085429.D

Acq: 13 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :



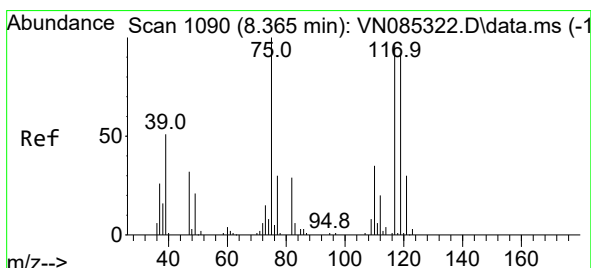
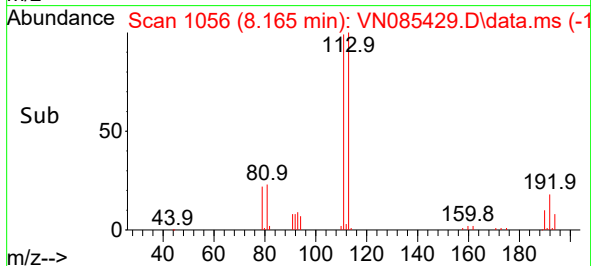
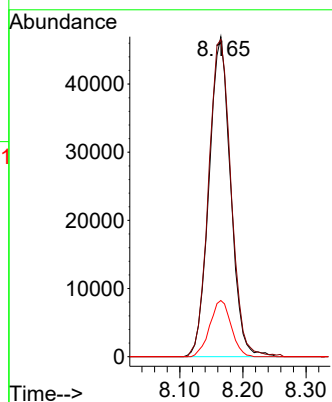
Tgt Ion:113 Resp: 111044

Ion Ratio Lower Upper

113 100

111 103.3 80.5 120.7

192 17.4 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.601 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085429.D

Acq: 13 Jan 2025 16:06

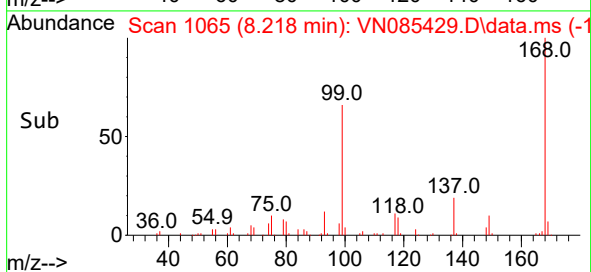
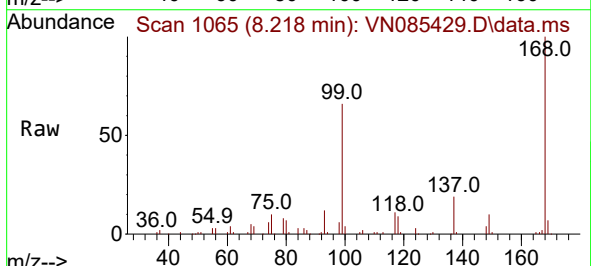
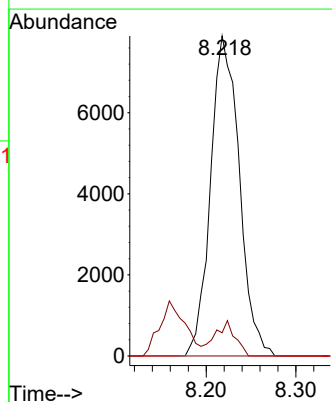
Tgt Ion: 75 Resp: 17569

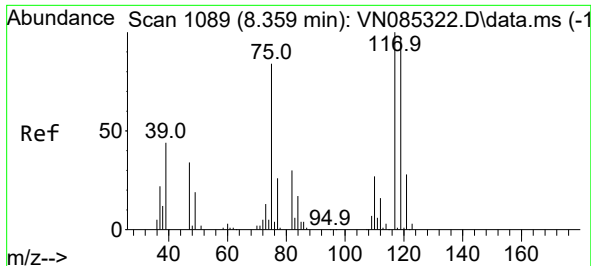
Ion Ratio Lower Upper

75 100

110 7.8 16.6 49.8#

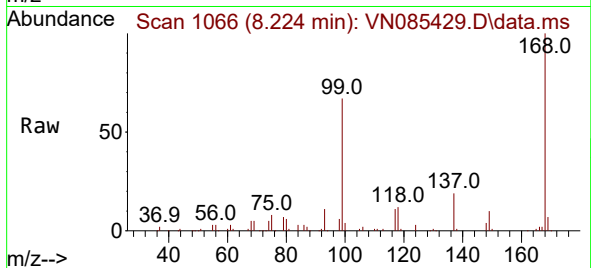
77 0.0 24.3 36.5#



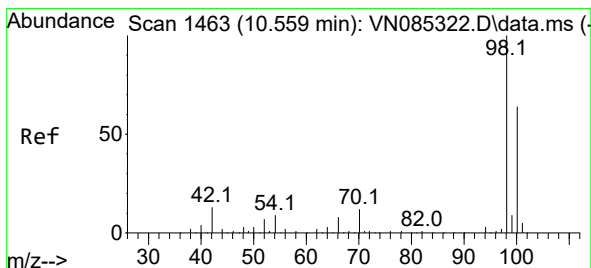
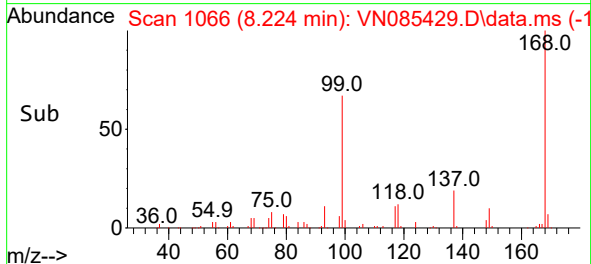
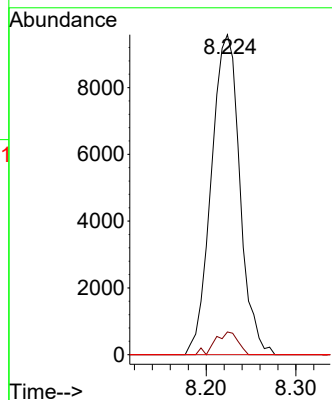


#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 8.224 min Scan# 1089
Delta R.T. -0.135 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Instrument :
MSVOA_N
ClientSampleId :

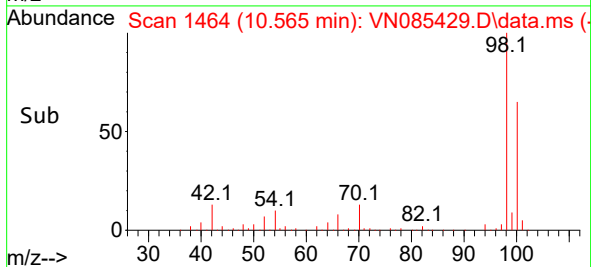
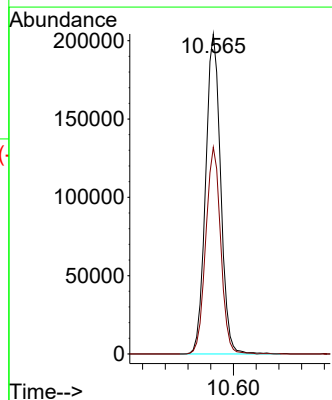
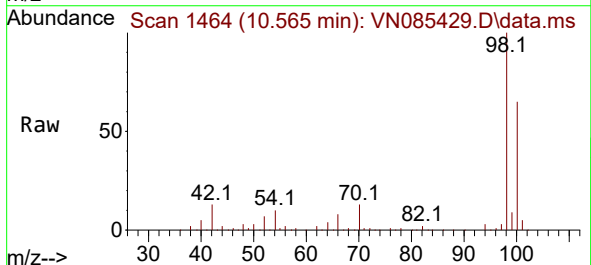


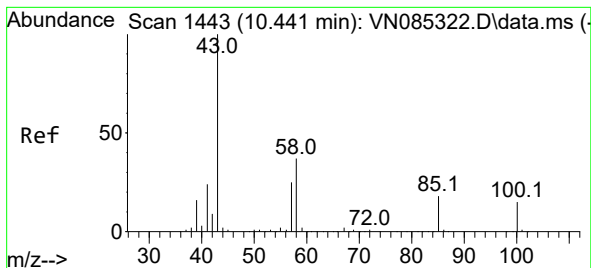
Tgt Ion:117 Resp: 21150
Ion Ratio Lower Upper
117 100
119 7.1 77.8 116.6#
121 0.0 22.5 33.7#



#50
Toluene-d8
Concen: 47.513 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Tgt Ion: 98 Resp: 373511
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

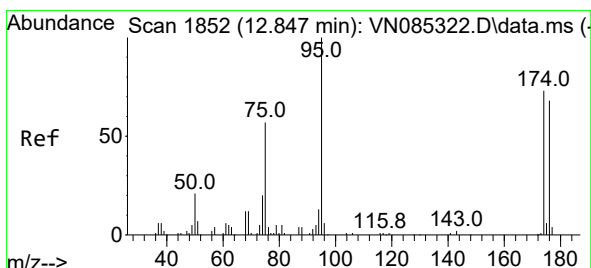
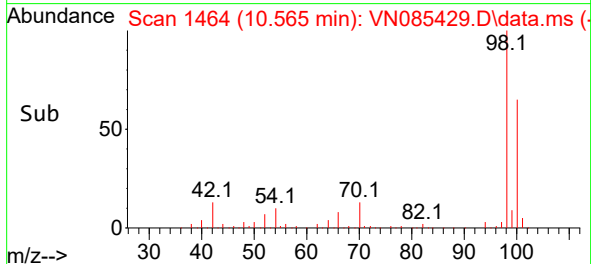
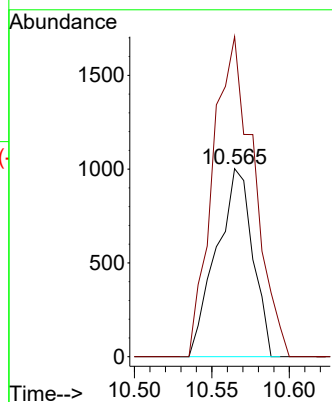
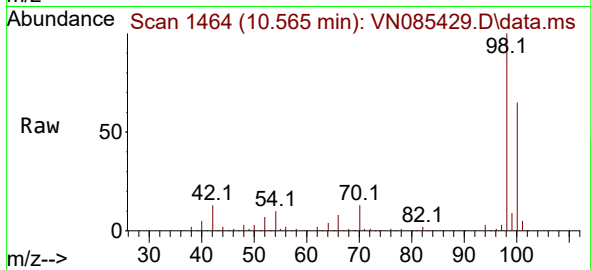




#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

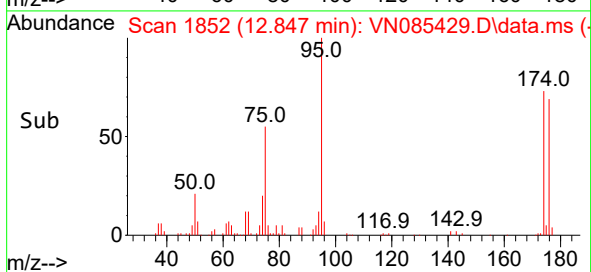
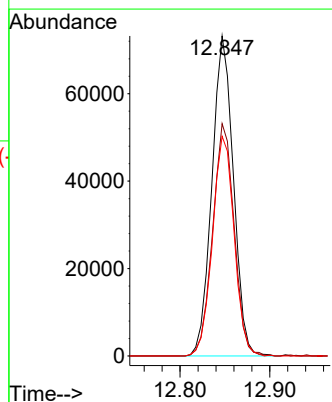
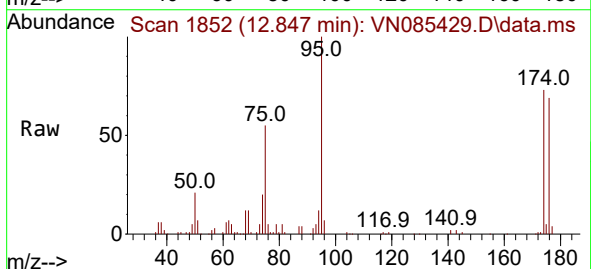
Instrument :
MSVOA_N
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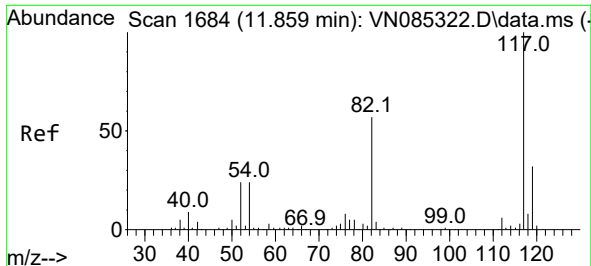
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
58 193.0 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 46.601 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Tgt Ion: 95 Resp: 121665
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.2
176 69.4 0.0 135.8

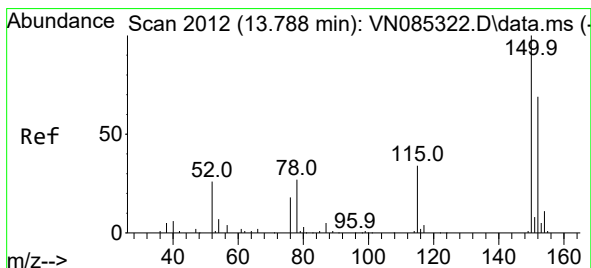
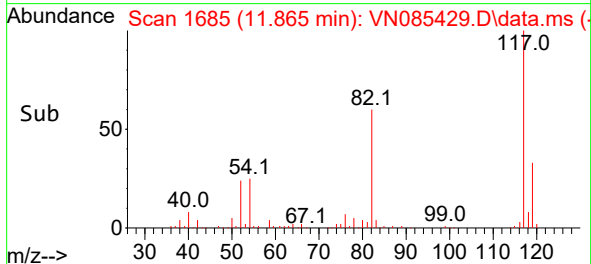
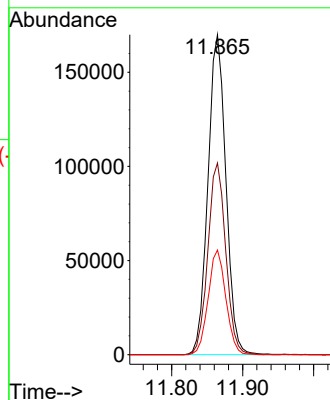
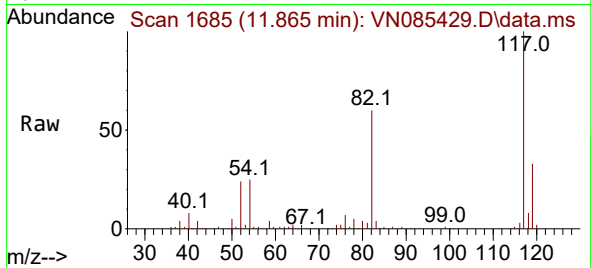




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

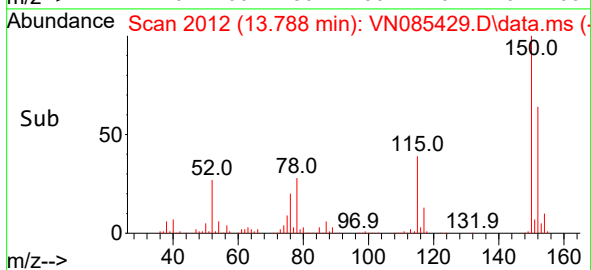
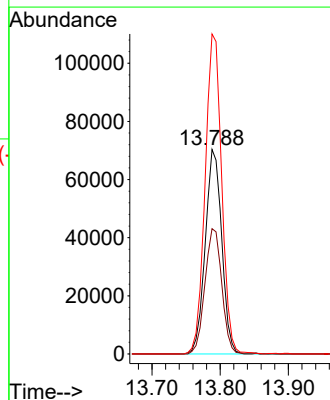
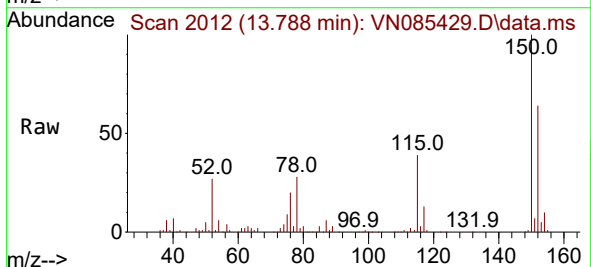
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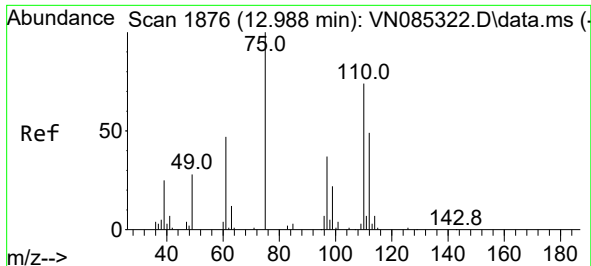
Tgt Ion:117 Resp: 298731
Ion Ratio Lower Upper
117 100
82 59.9 45.7 68.5
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Tgt Ion:152 Resp: 118604
Ion Ratio Lower Upper
152 100
115 62.4 30.4 91.3
150 156.6 0.0 345.0

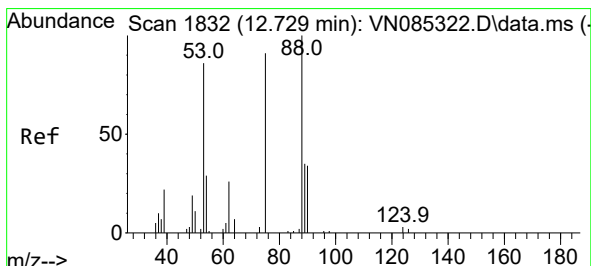
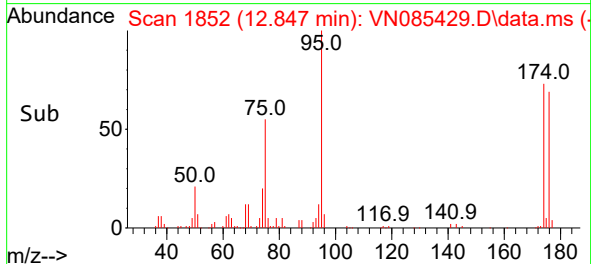
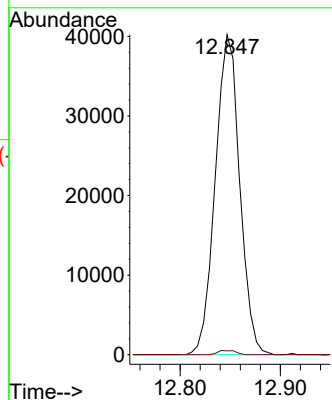
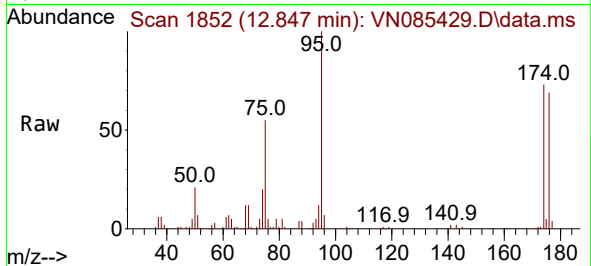




#76
1,2,3-Trichloropropane
Concen: 30.690 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 67971
Ion Ratio Lower Upper
75 100
77 1.0 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.497 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085429.D
Acq: 13 Jan 2025 16:06

Tgt Ion: 75 Resp: 67971
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#

