

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085382.D
 Acq On : 06 Jan 2025 11:58
 Operator : JC\MD
 Sample : VN0106WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 07 00:20:40 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)

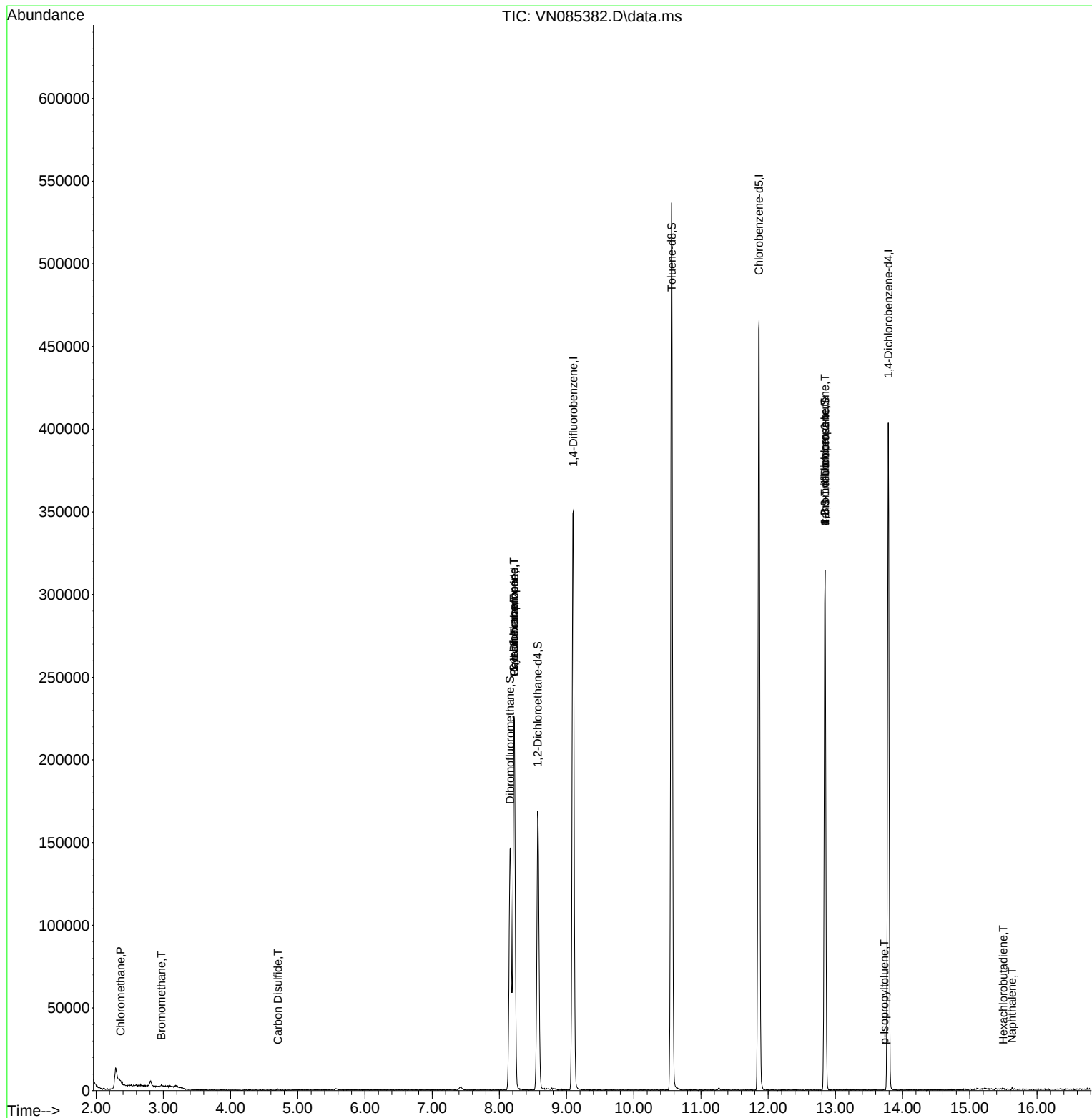
Internal Standards						
1) Pentafluorobenzene	8.224	168	154761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	137001	62.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.140%	
35) Dibromofluoromethane	8.159	113	107114	58.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.120%	
50) Toluene-d8	10.565	98	360963	53.777	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	12.847	95	104152	46.722	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	596	0.253	ug/l	97
5) Bromomethane	2.971	94	497	0.305	ug/l #	64
17) Carbon Disulfide	4.706	76	1228	0.235	ug/l #	75
31) Cyclohexane	8.218	56	4129	1.266	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14622	5.460	ug/l #	44
38) Carbon Tetrachloride	8.224	117	16464	5.640	ug/l #	15
76) 1,2,3-Trichloropropane	12.847	75	58006	31.484	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58006	75.399	ug/l #	10
86) p-Isopropyltoluene	13.729	119	154	0.219	ug/l #	51
94) Hexachlorobutadiene	15.500	225	211	0.280	ug/l #	19
95) Naphthalene	15.629	128	1258	0.245	ug/l #	77

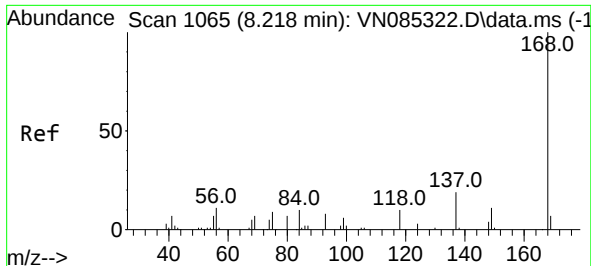
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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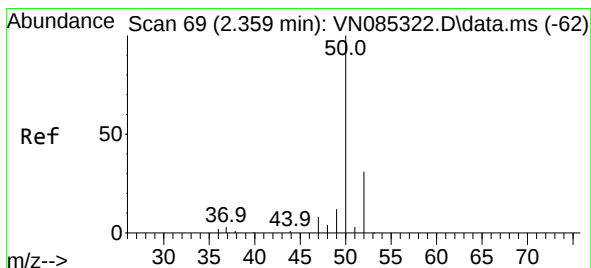
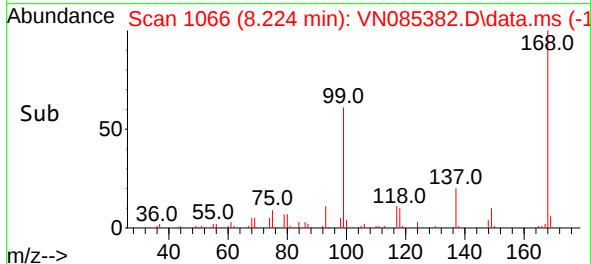
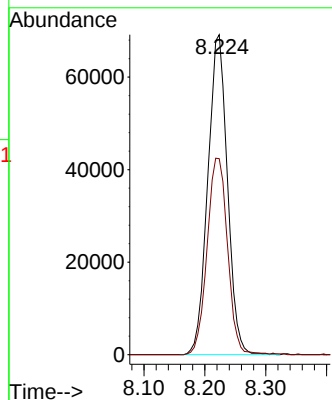
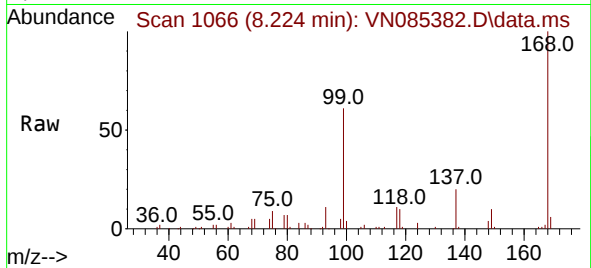




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

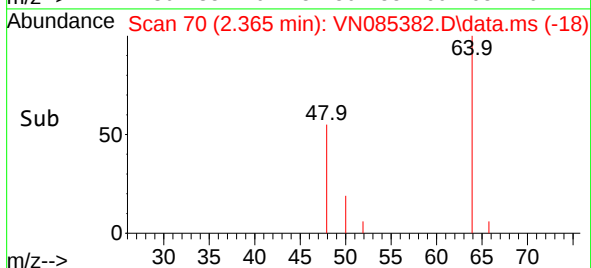
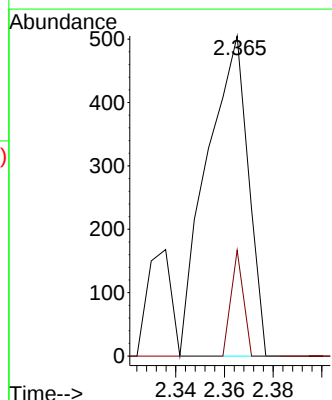
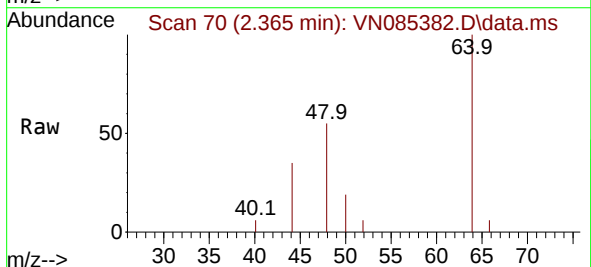
Instrument :
MSVOA_N
ClientSampleId :

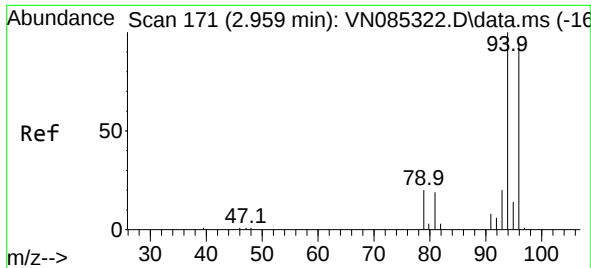
Tgt Ion:168 Resp: 154761
Ion Ratio Lower Upper
168 100
99 61.2 51.0 76.4



#3
Chloromethane
Concen: 0.253 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Tgt Ion: 50 Resp: 596
Ion Ratio Lower Upper
50 100
52 33.1 25.1 37.7

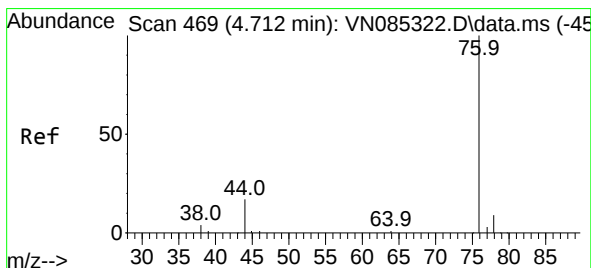
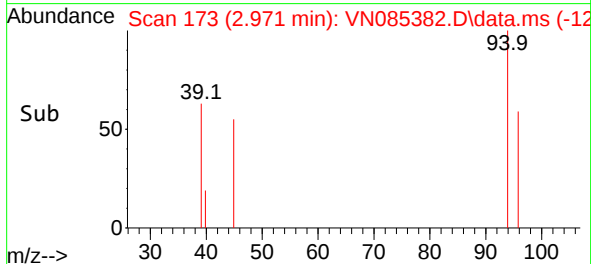
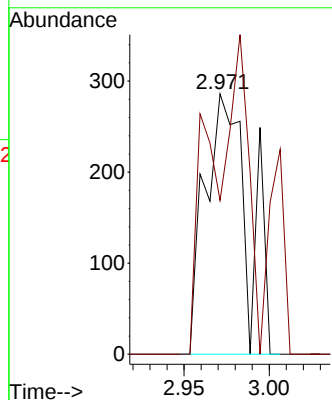
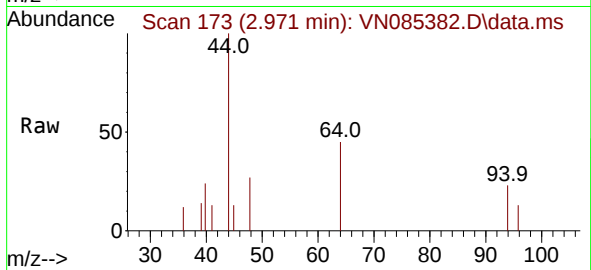




#5
Bromomethane
Concen: 0.305 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

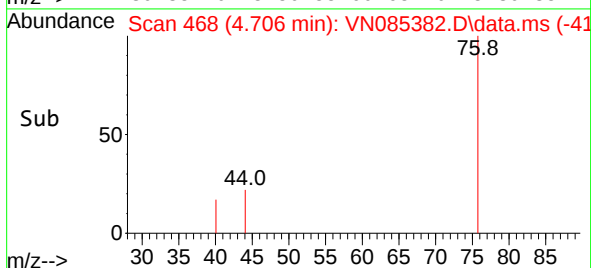
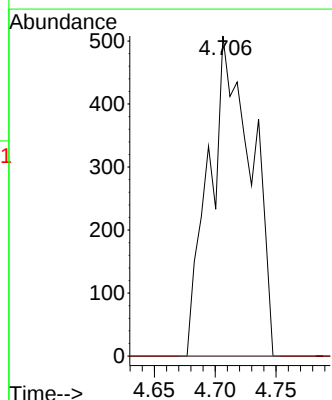
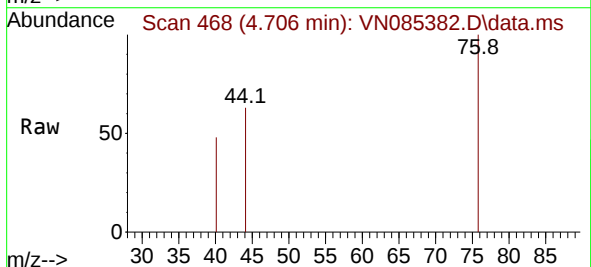
Instrument :
MSVOA_N
ClientSampleId :

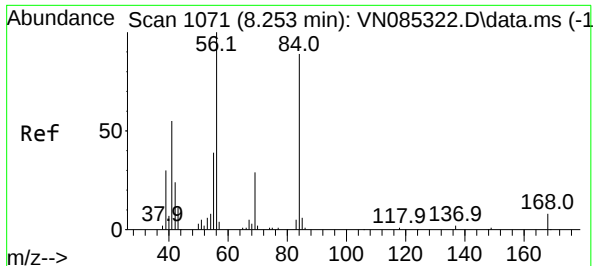
Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 59.1 75.2 112.8#



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

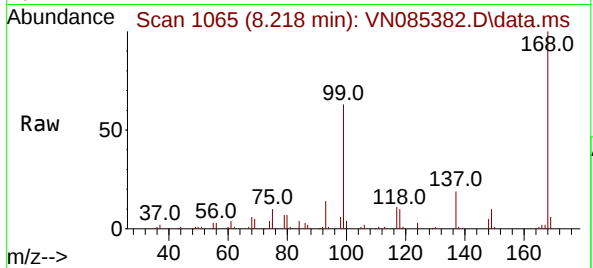
Tgt Ion: 76 Resp: 1228
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



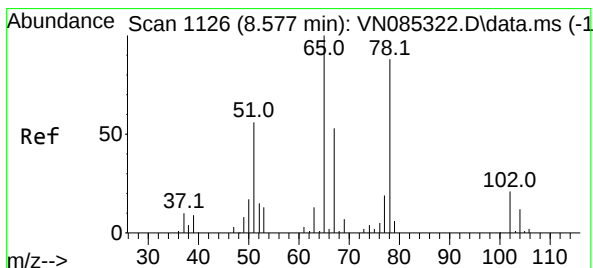
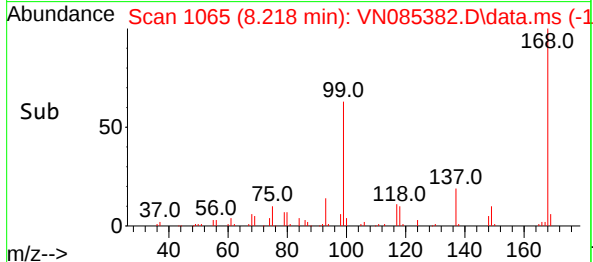
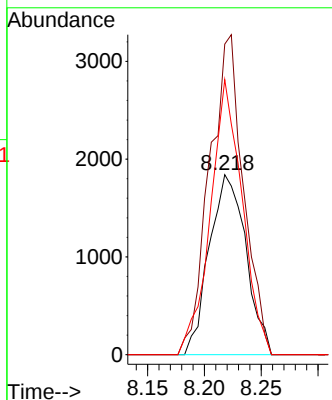


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :

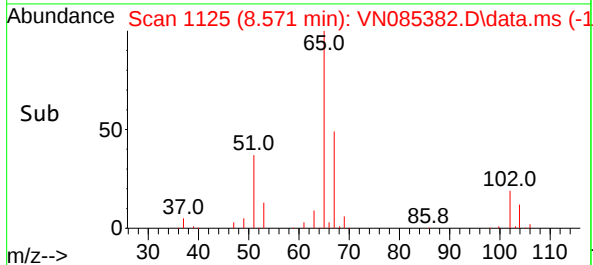
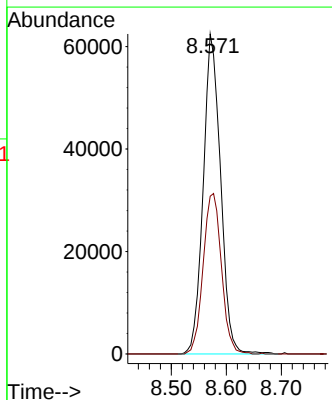
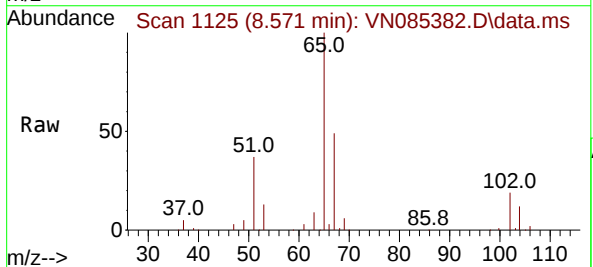


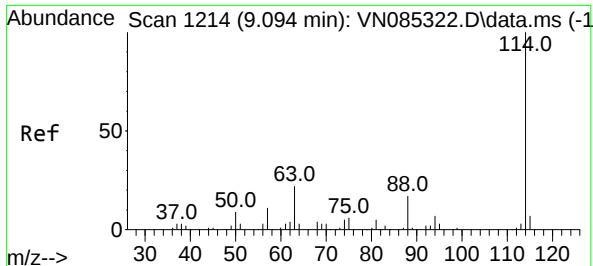
Tgt Ion: 56 Resp: 4129
Ion Ratio Lower Upper
56 100
69 172.4 23.4 35.0#
84 152.8 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 62.066 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Tgt Ion: 65 Resp: 137001
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085382.D

Acq: 06 Jan 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

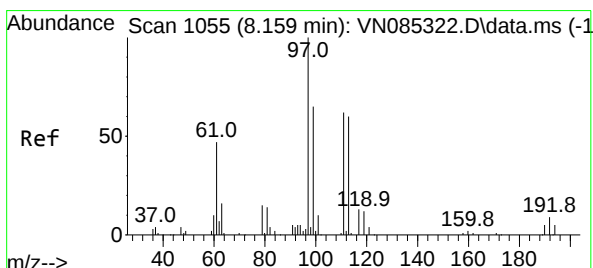
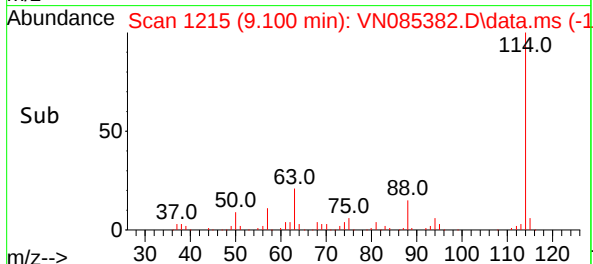
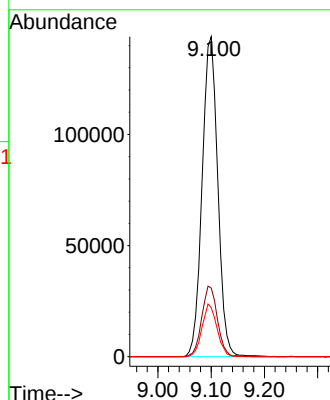
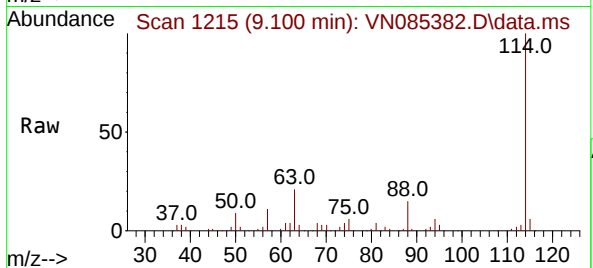
Tgt Ion:114 Resp: 293203

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

88 15.3 0.0 33.6



#35

Dibromofluoromethane

Concen: 58.559 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085382.D

Acq: 06 Jan 2025 11:58

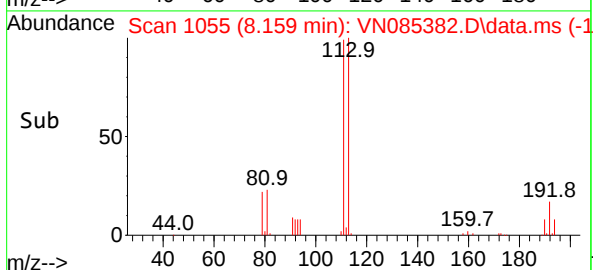
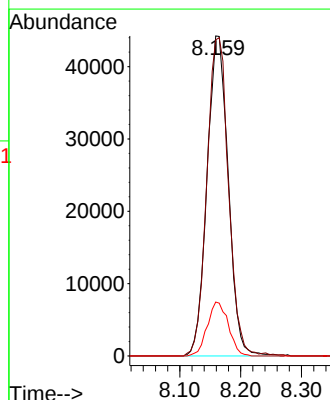
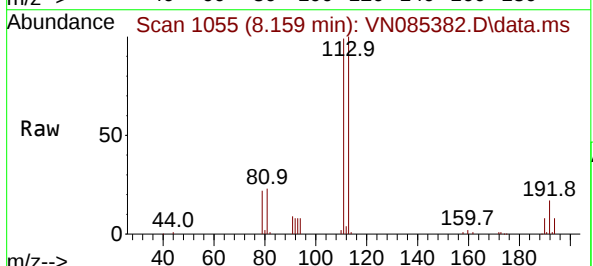
Tgt Ion:113 Resp: 107114

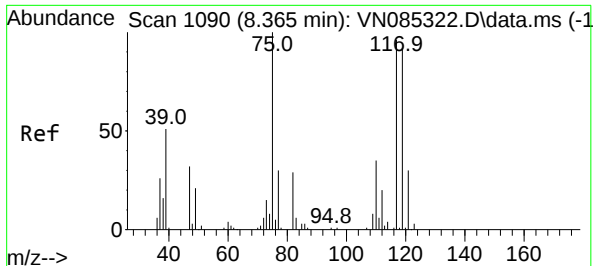
Ion Ratio Lower Upper

113 100

111 101.7 80.5 120.7

192 16.7 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.460 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085382.D

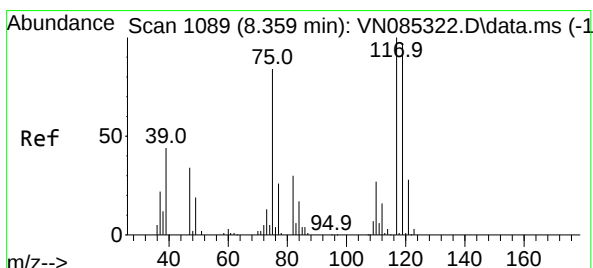
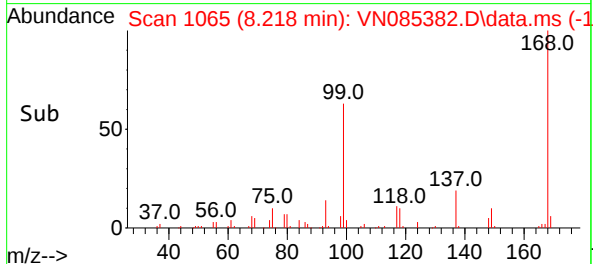
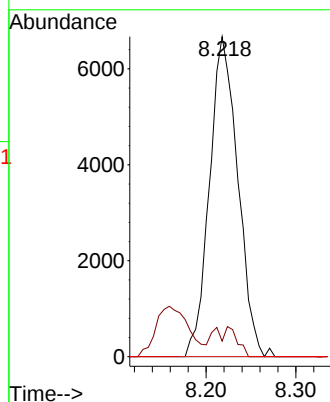
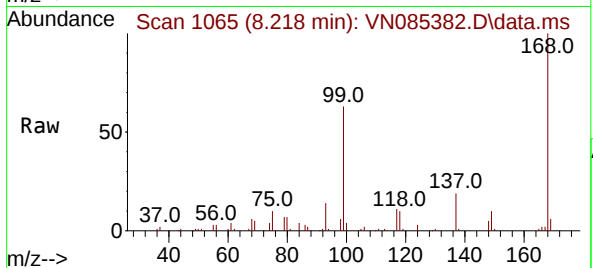
Acq: 06 Jan 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	14622
Ion Ratio	Lower	Upper	
75	100		
110	1.7	16.6	49.8#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 5.640 ug/l

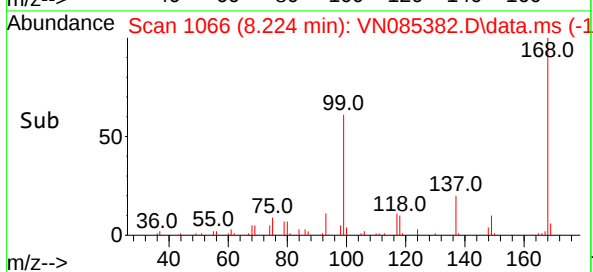
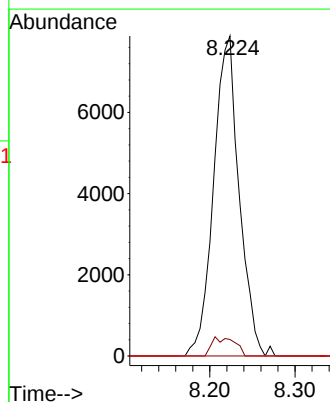
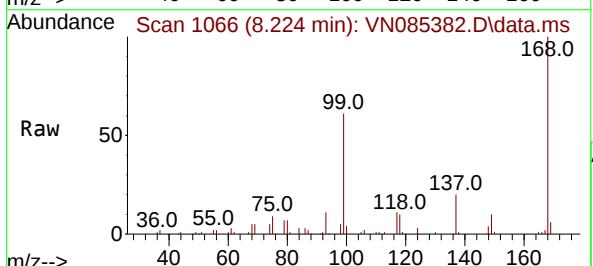
RT: 8.224 min Scan# 1066

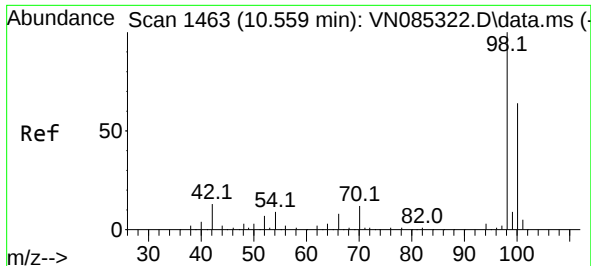
Delta R.T. -0.135 min

Lab File: VN085382.D

Acq: 06 Jan 2025 11:58

Tgt Ion:	117	Resp:	16464
Ion Ratio	Lower	Upper	
117	100		
119	5.2	77.8	116.6#
121	0.0	22.5	33.7#

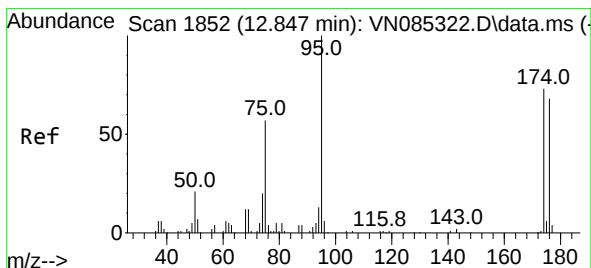
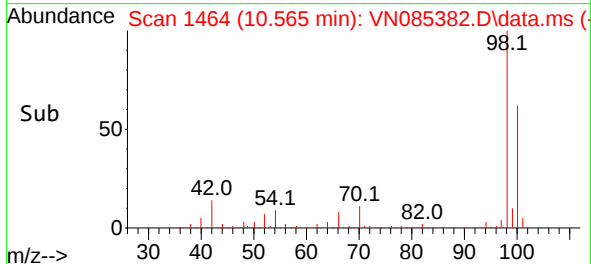
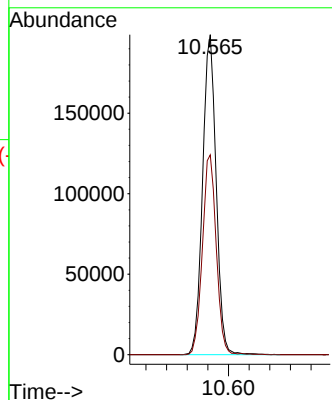
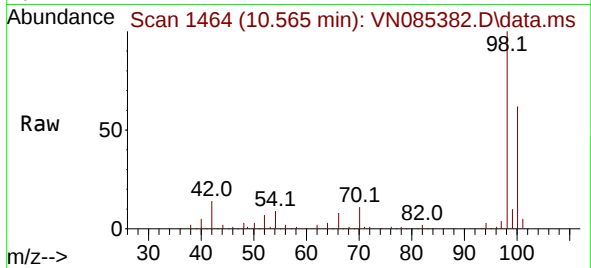




#50
Toluene-d8
Concen: 53.777 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

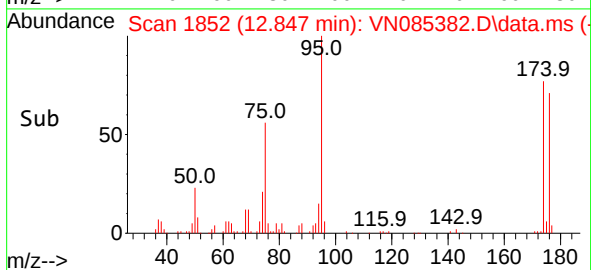
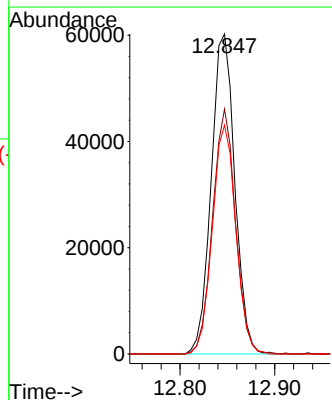
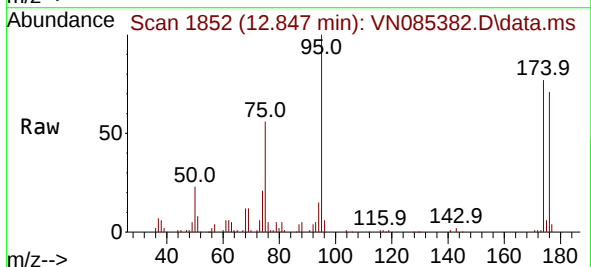
Instrument :
MSVOA_N
ClientSampleId :

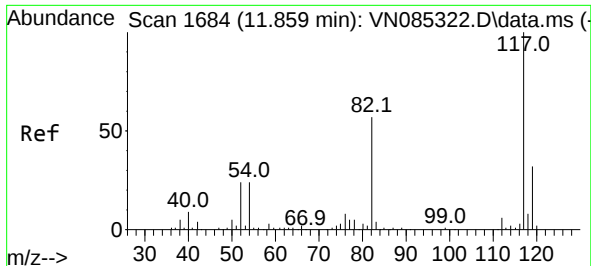
Tgt Ion: 98 Resp: 360963
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.722 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Tgt Ion: 95 Resp: 104152
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.2
176 71.1 0.0 135.8

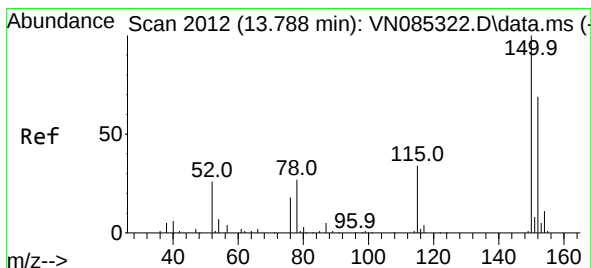
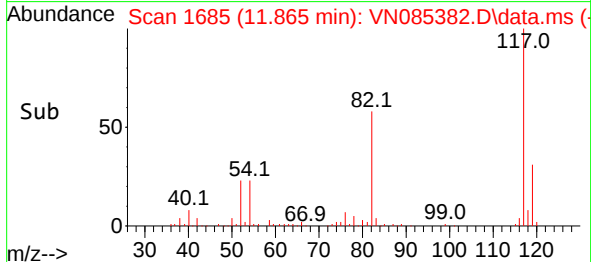
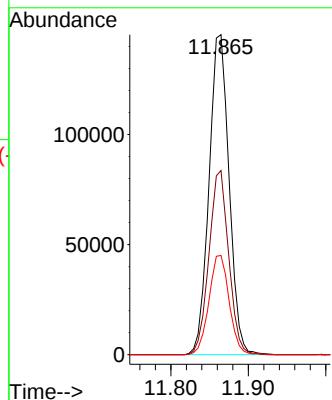
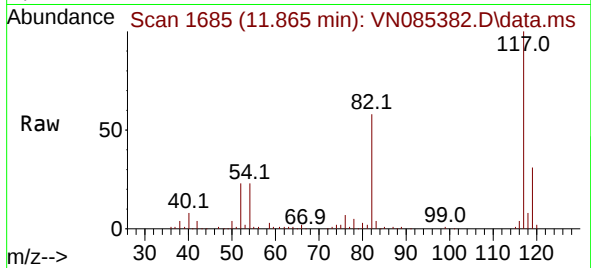




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

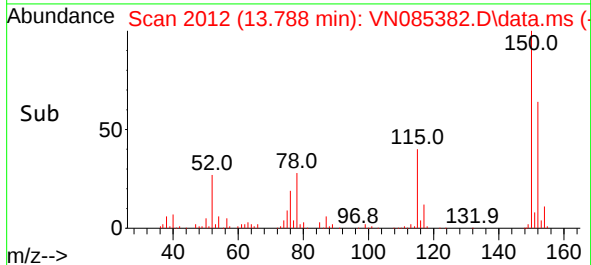
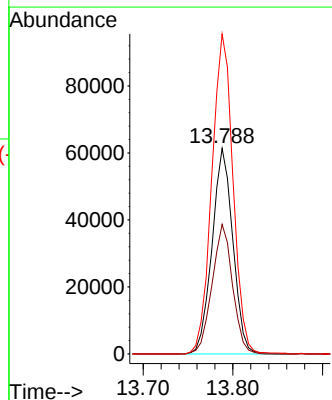
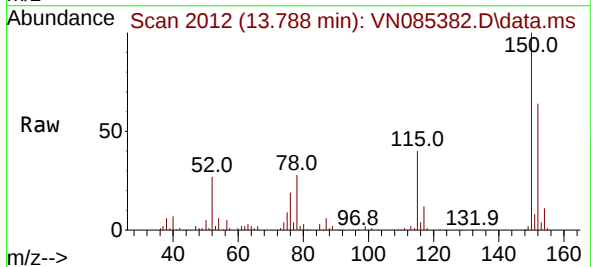
Instrument :
MSVOA_N
ClientSampleId :

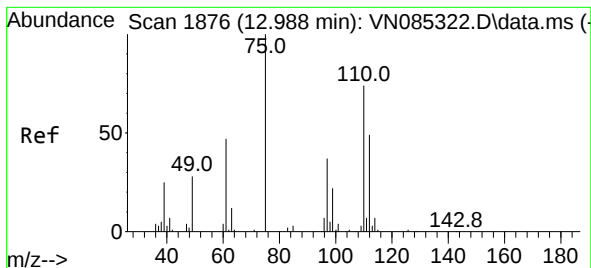
Tgt Ion:117 Resp: 261228
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Tgt Ion:152 Resp: 98662
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.3
150 158.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 31.484 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085382.D

Acq: 06 Jan 2025 11:58

Instrument :

MSVOA_N

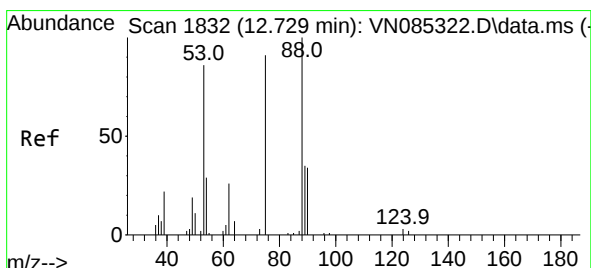
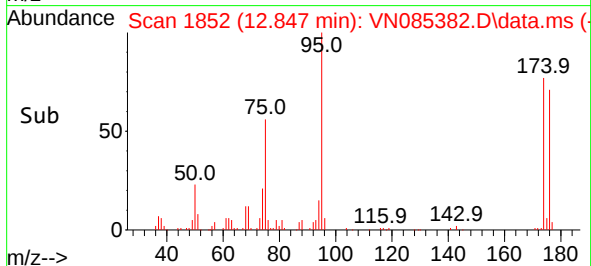
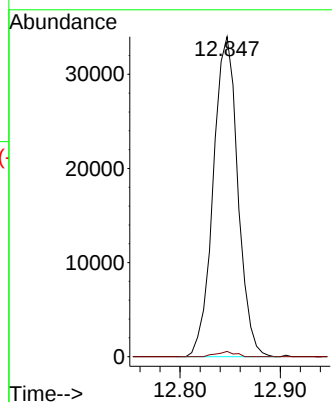
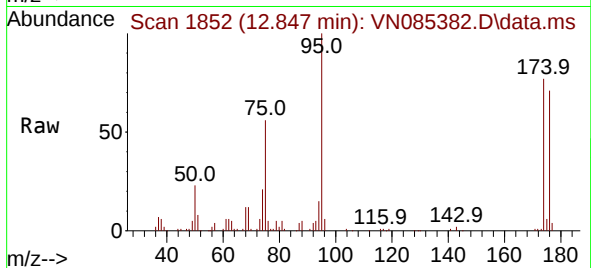
ClientSampleId :

Tgt Ion: 75 Resp: 58006

Ion Ratio Lower Upper

75 100

77 1.2 98.1 294.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.399 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.118 min

Lab File: VN085382.D

Acq: 06 Jan 2025 11:58

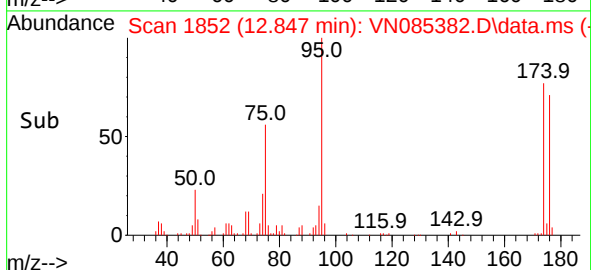
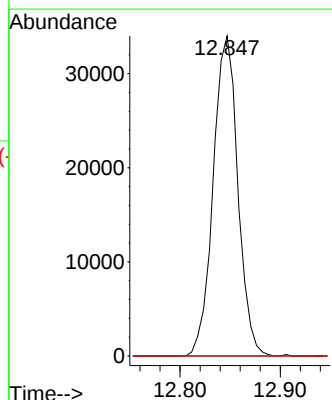
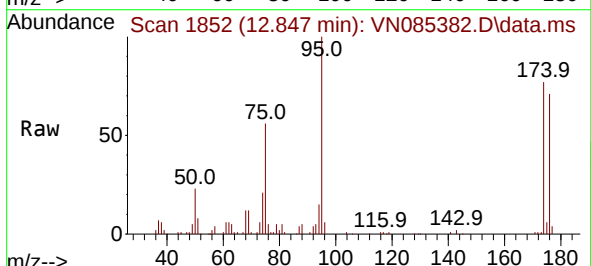
Tgt Ion: 75 Resp: 58006

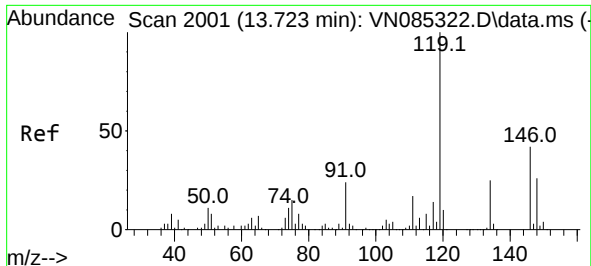
Ion Ratio Lower Upper

75 100

53 0.0 80.0 120.0#

89 0.0 35.8 53.8#

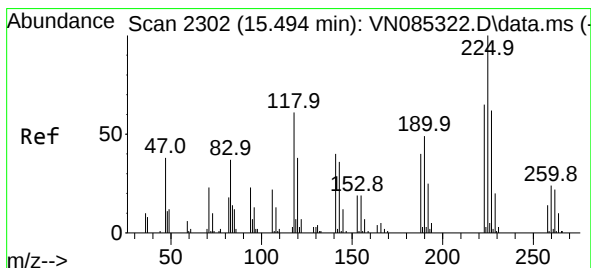
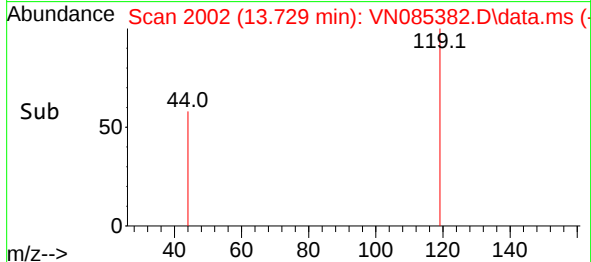
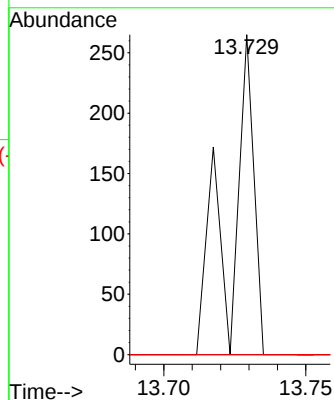
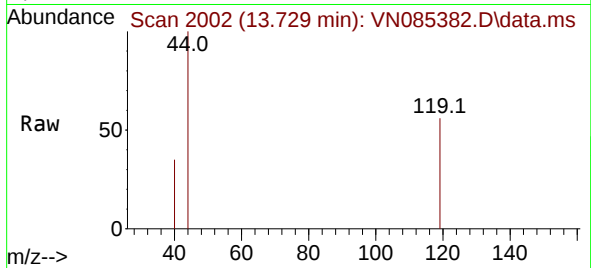




#86
p-Isopropyltoluene
Concen: 0.219 ug/l
RT: 13.729 min Scan# 2001
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

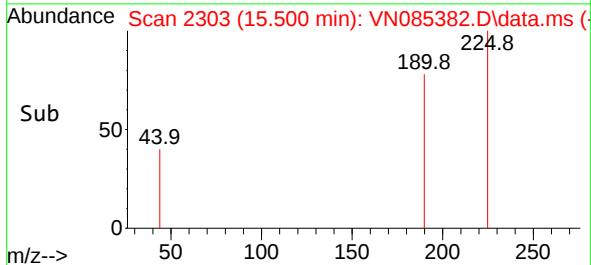
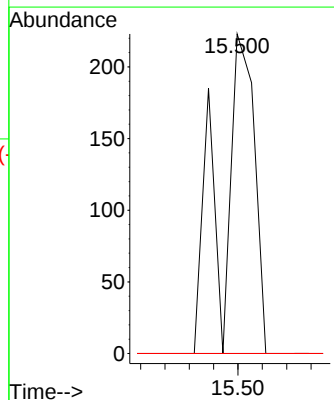
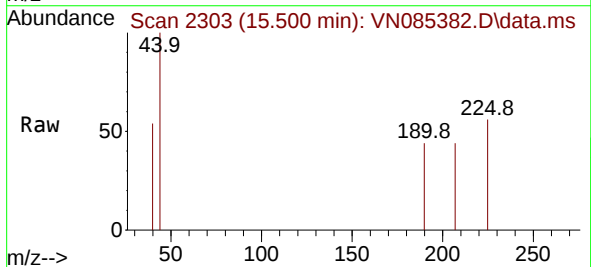
Instrument :
MSVOA_N
ClientSampleId :

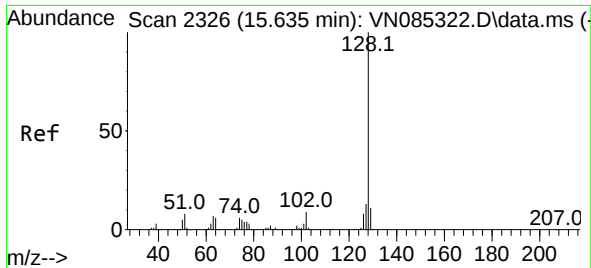
Tgt Ion:119 Resp: 154
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 0.0 12.2 36.4#



#94
Hexachlorobutadiene
Concen: 0.280 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

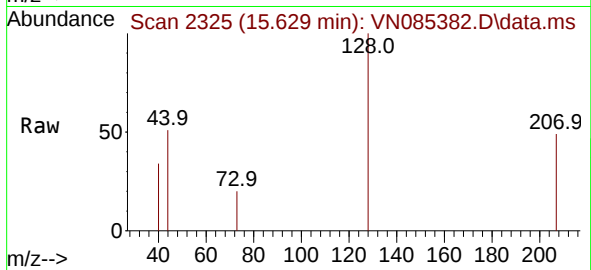
Tgt Ion:225 Resp: 211
Ion Ratio Lower Upper
225 100
223 0.0 31.6 94.7#
227 0.0 30.3 91.0#





#95
Naphthalene
Concen: 0.245 ug/l
RT: 15.629 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1258
Ion Ratio Lower Upper
128 100
127 5.4 10.6 16.0#
129 0.0 8.5 12.7#

