

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085528.D
 Acq On : 28 Jan 2025 10:51
 Operator : JC\MD
 Sample : VN0128WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBL01

Quant Time: Jan 29 00:35:19 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)

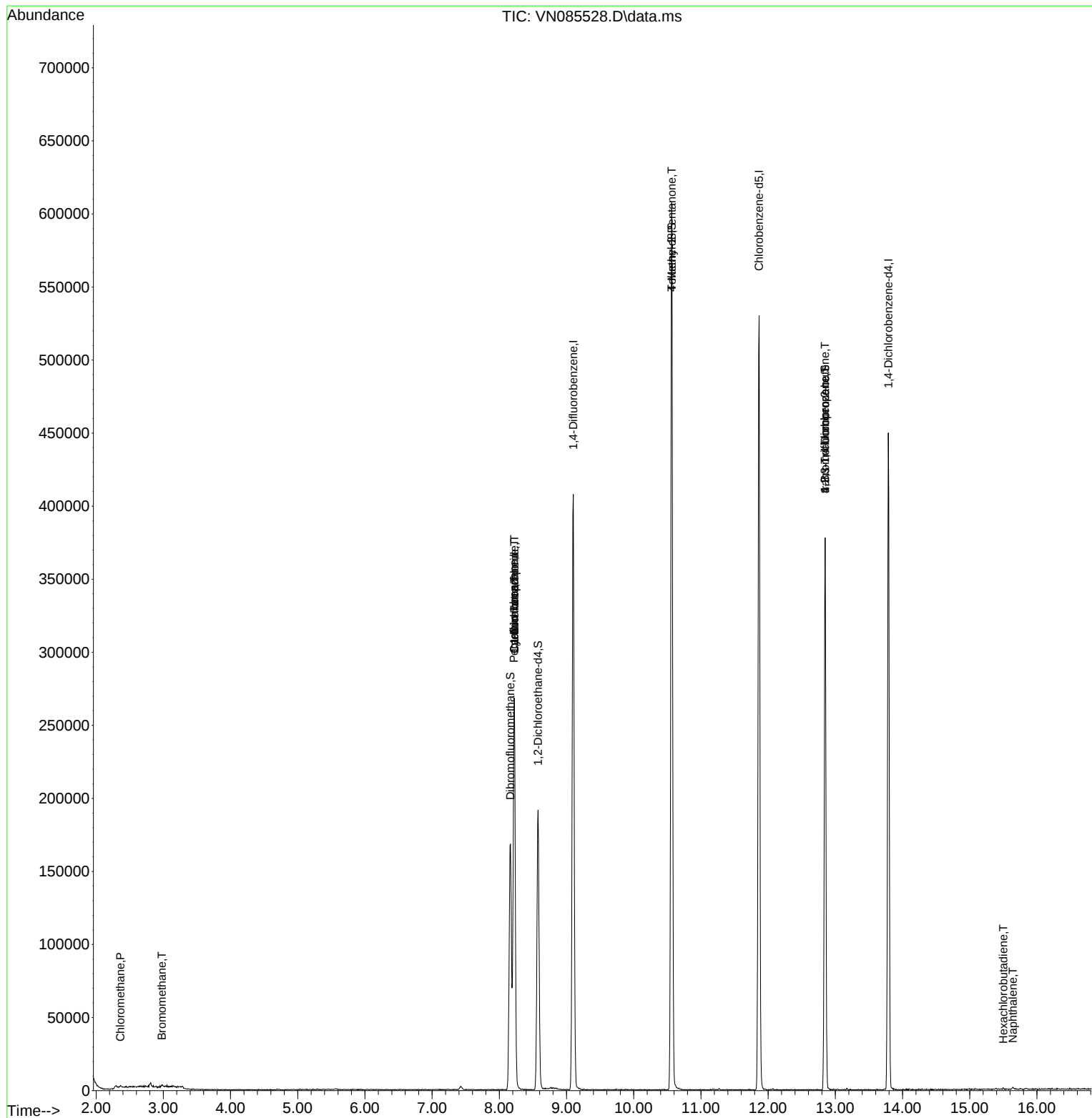
Internal Standards						
1) Pentafluorobenzene	8.218	168	183717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159230	53.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.380%	
35) Dibromofluoromethane	8.165	113	120495	52.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	10.565	98	410338	50.052	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.847	95	124045	44.232	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	694	0.258	ug/l #	41
5) Bromomethane	2.977	94	827	0.506	ug/l	99
31) Cyclohexane	8.224	56	4813	1.279	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16479	5.089	ug/l #	52
38) Carbon Tetrachloride	8.224	117	20244	5.460	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	1911	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	70077	29.658	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70077	80.243	ug/l #	3
94) Hexachlorobutadiene	15.500	225	373	0.401	ug/l #	57
95) Naphthalene	15.641	128	1707	0.327	ug/l #	77

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

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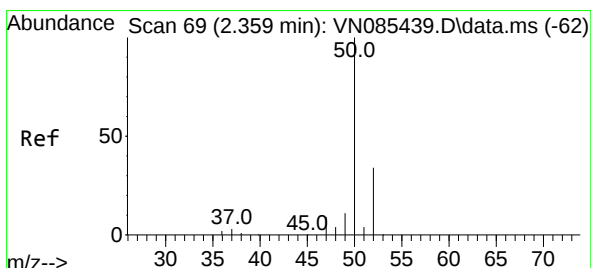
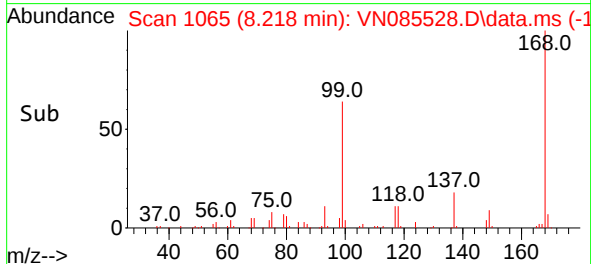
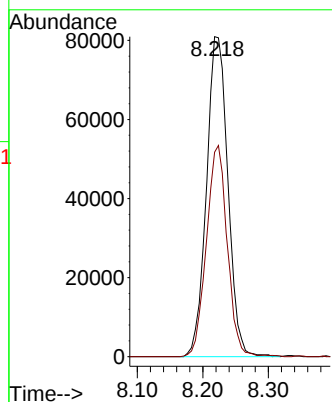
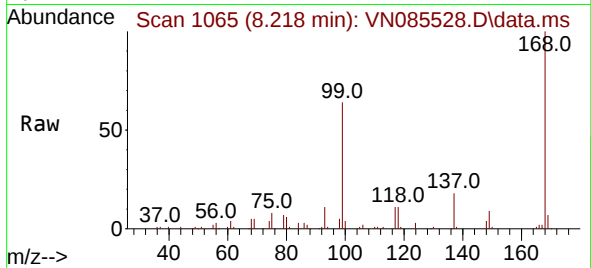




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

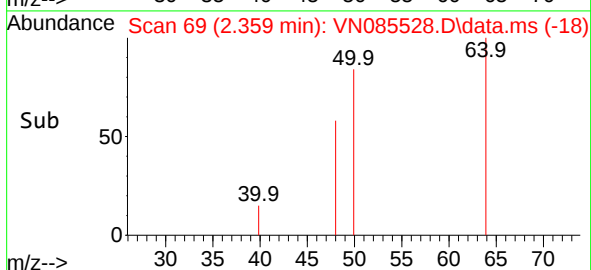
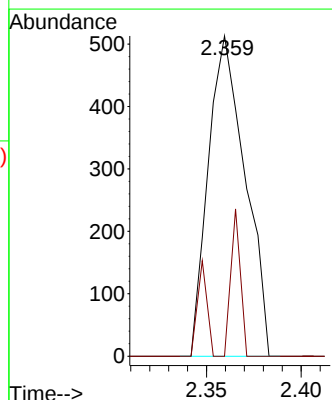
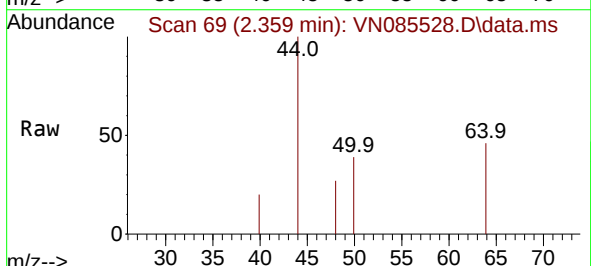
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

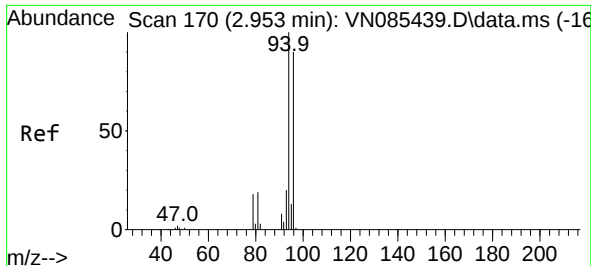
Tgt Ion:168 Resp: 183717
Ion Ratio Lower Upper
168 100
99 63.9 53.6 80.4



#3
Chloromethane
Concen: 0.258 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

Tgt Ion: 50 Resp: 694
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

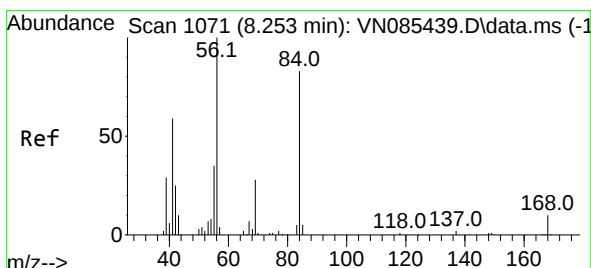
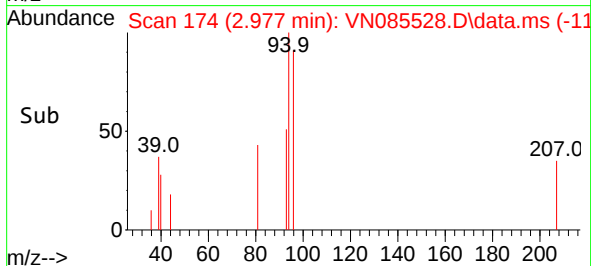
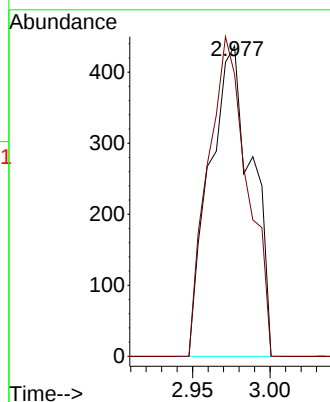
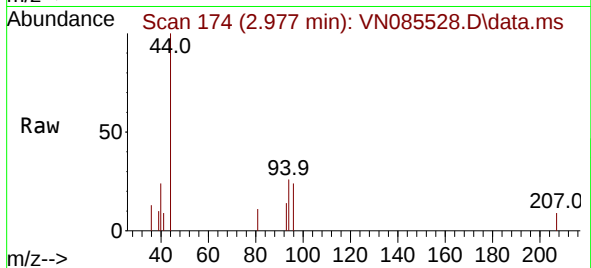




#5
Bromomethane
Concen: 0.506 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

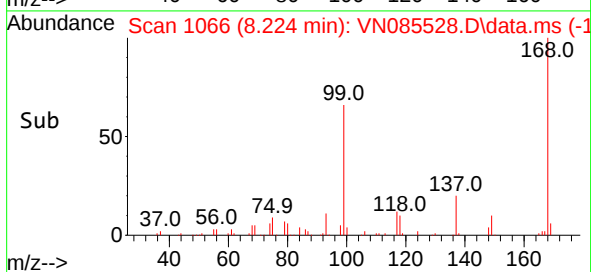
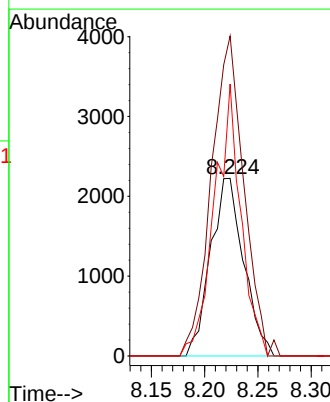
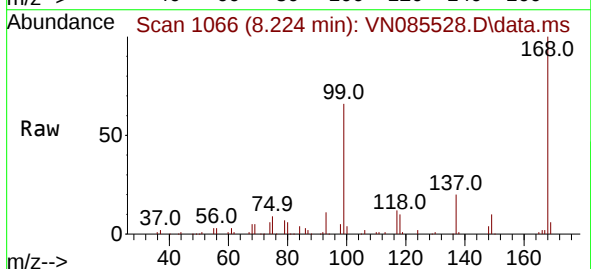
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

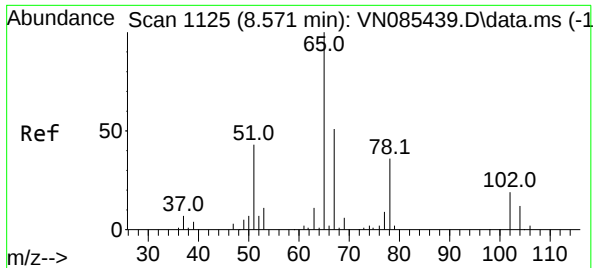
Tgt Ion: 94 Resp: 827
Ion Ratio Lower Upper
94 100
96 90.8 71.8 107.6



#31
Cyclohexane
Concen: 1.279 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

Tgt Ion: 56 Resp: 4813
Ion Ratio Lower Upper
56 100
69 180.2 22.2 33.4#
84 153.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.693 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085528.D

Acq: 28 Jan 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

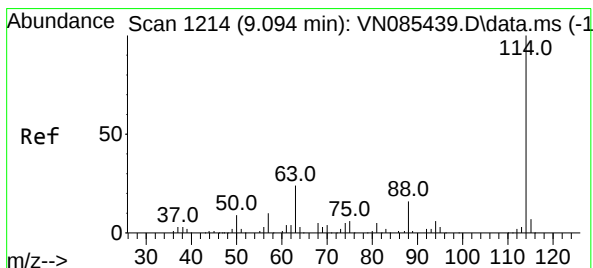
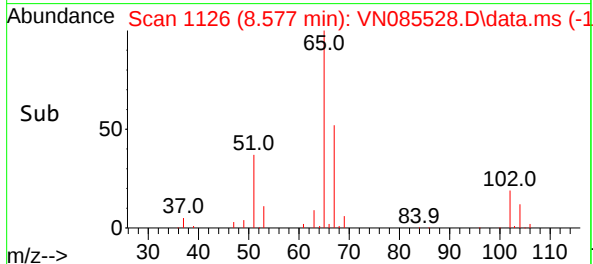
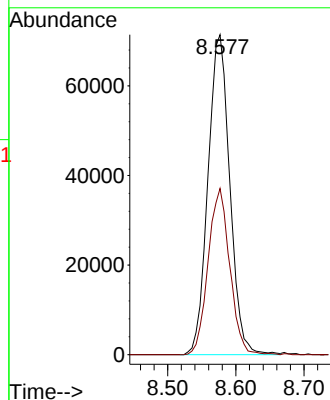
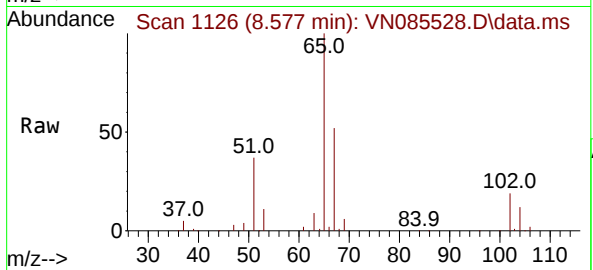
VN0128WBL01

Tgt Ion: 65 Resp: 159230

Ion Ratio Lower Upper

65 100

67 51.5 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: VN085528.D

Acq: 28 Jan 2025 10:51

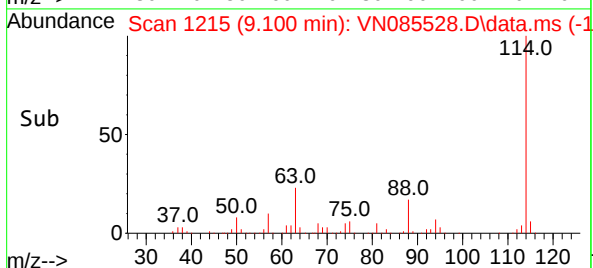
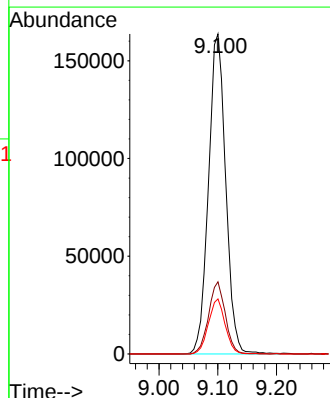
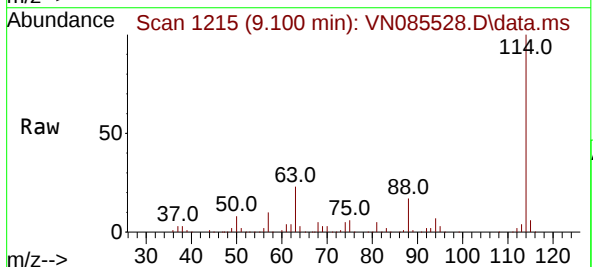
Tgt Ion: 114 Resp: 332601

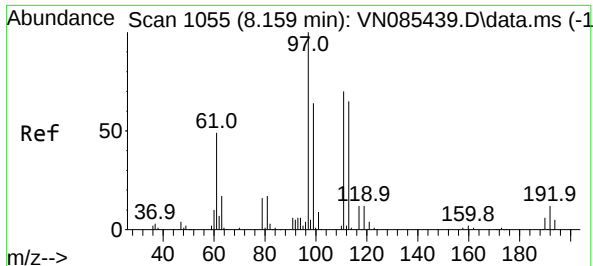
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.6

88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.220 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085528.D

Acq: 28 Jan 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBL01

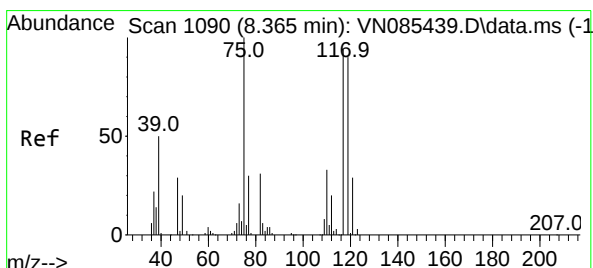
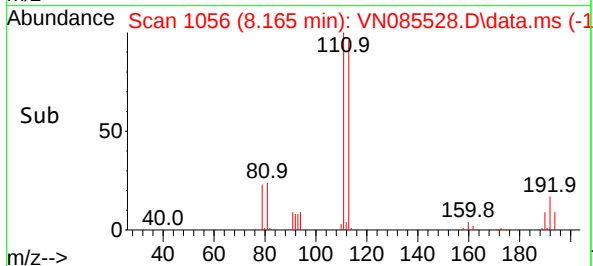
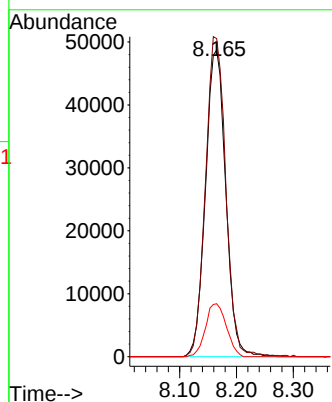
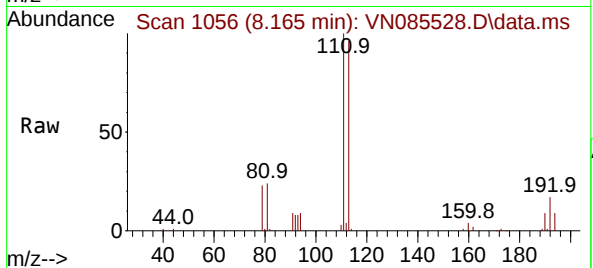
Tgt Ion:113 Resp: 120495

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

192 17.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.089 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085528.D

Acq: 28 Jan 2025 10:51

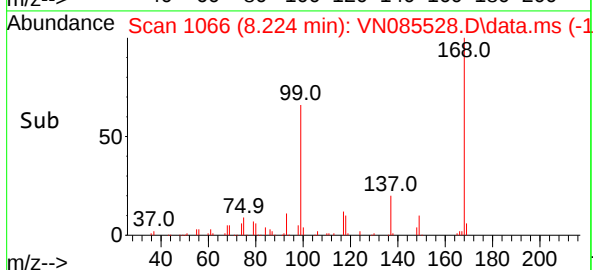
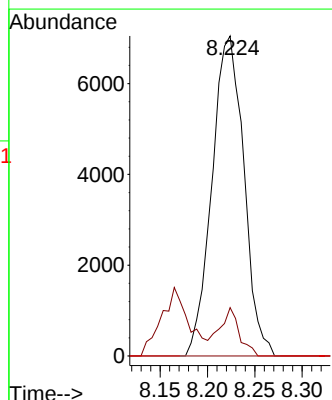
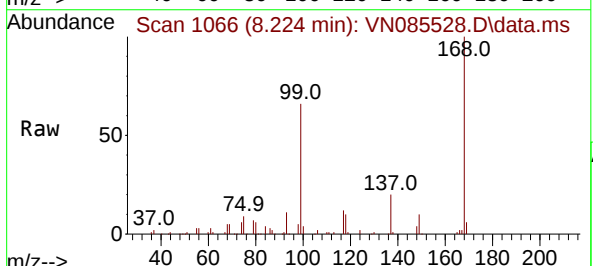
Tgt Ion: 75 Resp: 16479

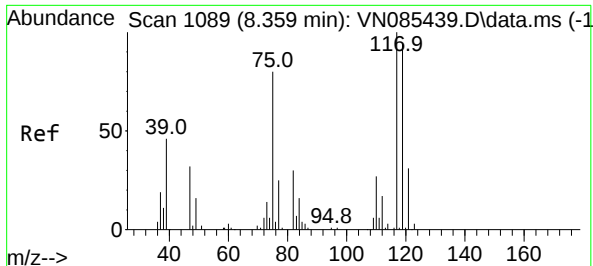
Ion Ratio Lower Upper

75 100

110 9.5 16.5 49.5#

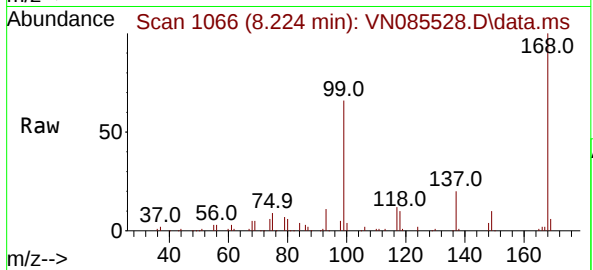
77 0.0 24.4 36.6#



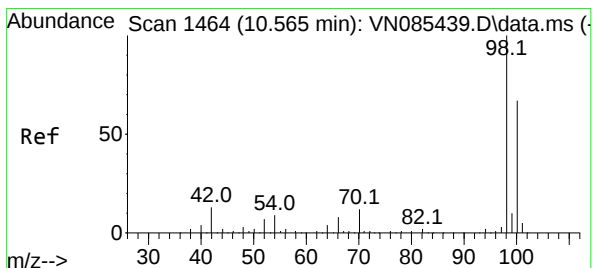
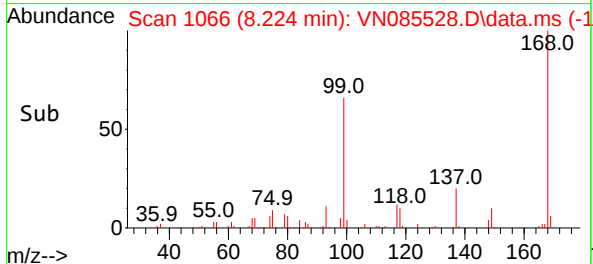
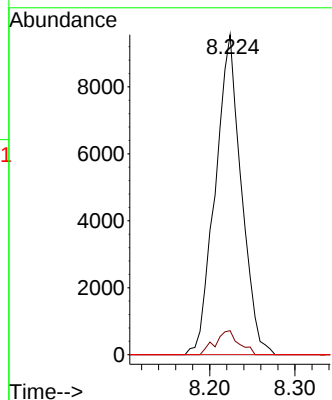


#38
Carbon Tetrachloride
Concen: 5.460 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

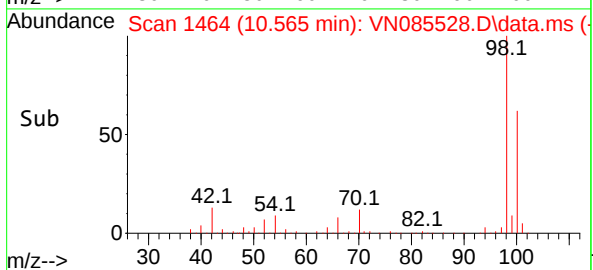
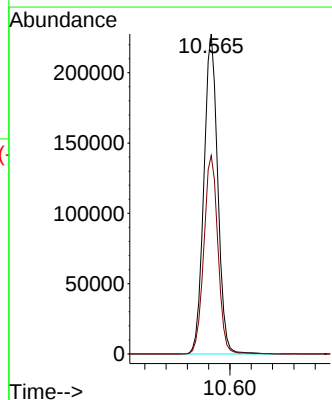
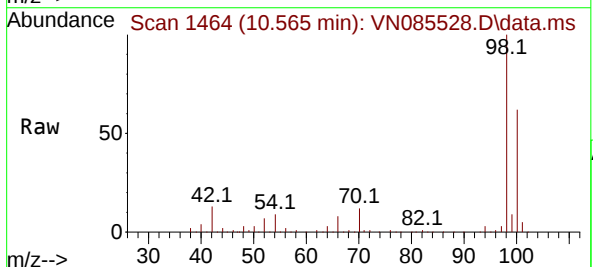


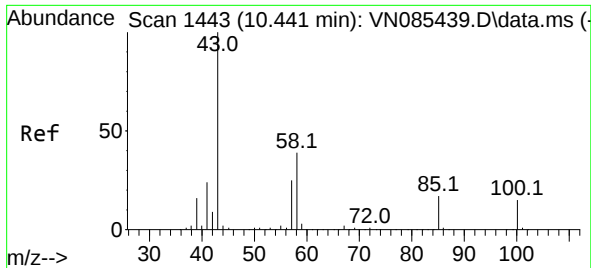
Tgt Ion:117 Resp: 20244
Ion Ratio Lower Upper
117 100
119 7.5 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.052 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

Tgt Ion: 98 Resp: 410338
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.4

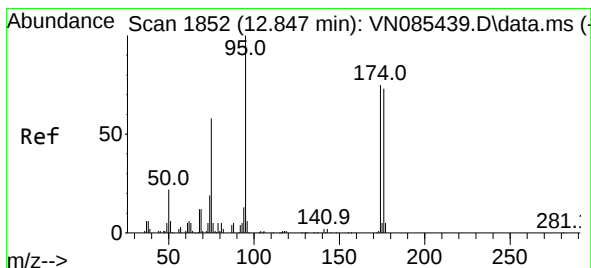
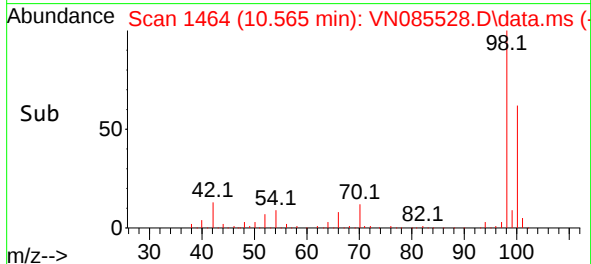
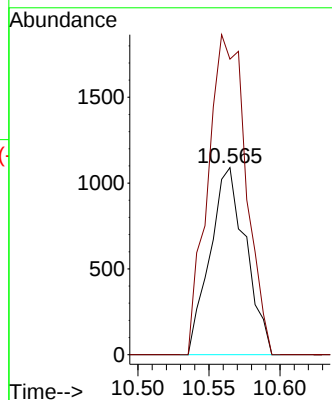
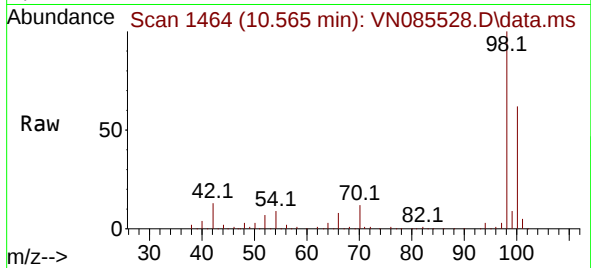




#51
4-Methyl-2-Pentanone
Concen: 0.629 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

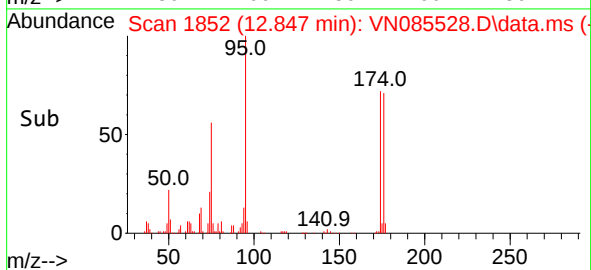
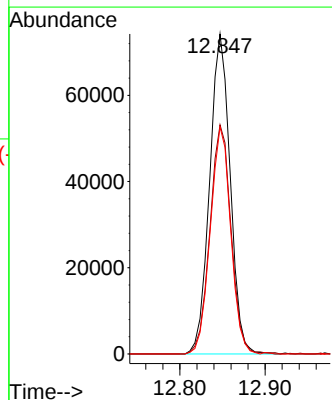
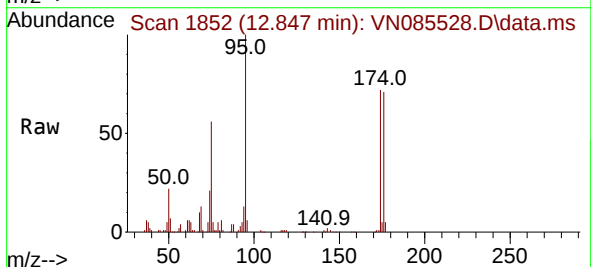
Instrument :
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ClientSampleId :
VN0128WBL01

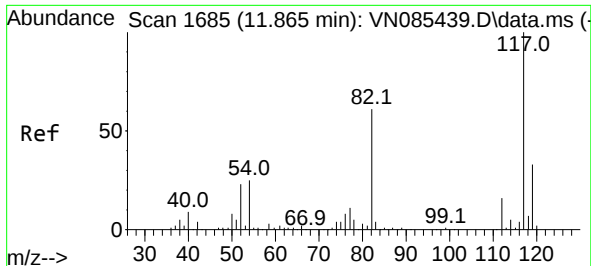
Tgt Ion: 43 Resp: 1911
Ion Ratio Lower Upper
43 100
58 182.6 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 44.232 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

Tgt Ion: 95 Resp: 124045
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.0
176 70.5 0.0 142.4

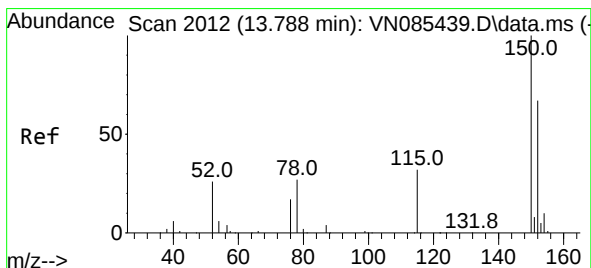
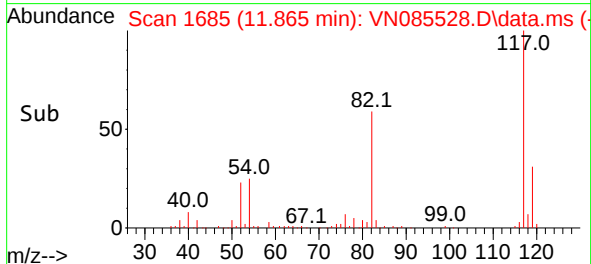
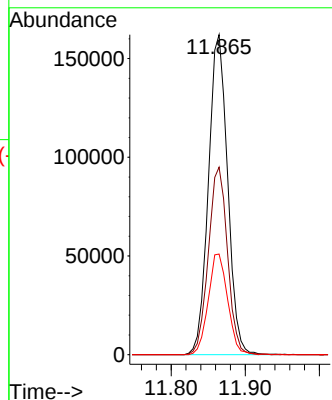
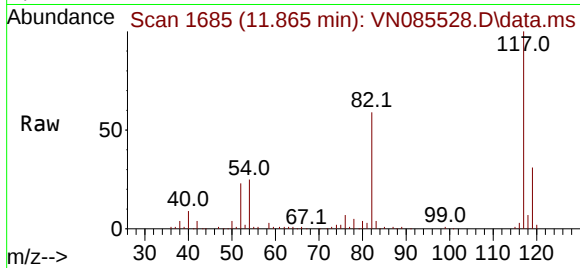




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

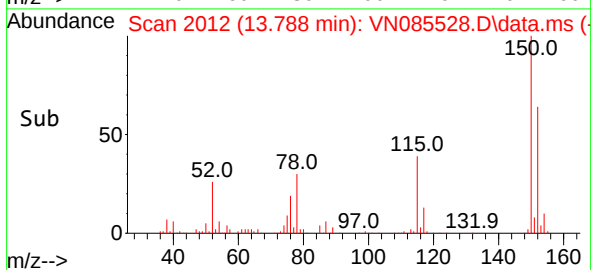
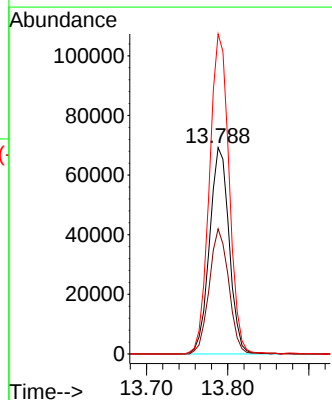
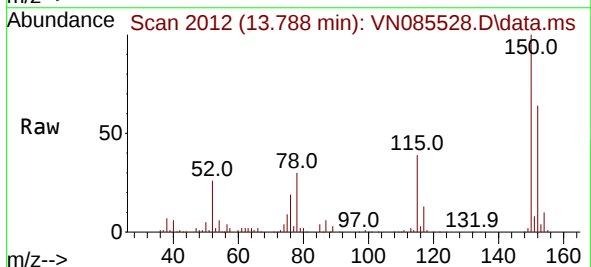
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

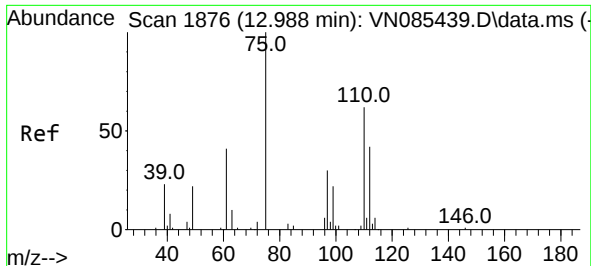
Tgt Ion:117 Resp: 291066
Ion Ratio Lower Upper
117 100
82 58.6 48.6 72.8
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

Tgt Ion:152 Resp: 116250
Ion Ratio Lower Upper
152 100
115 60.3 31.1 93.3
150 155.3 0.0 343.6

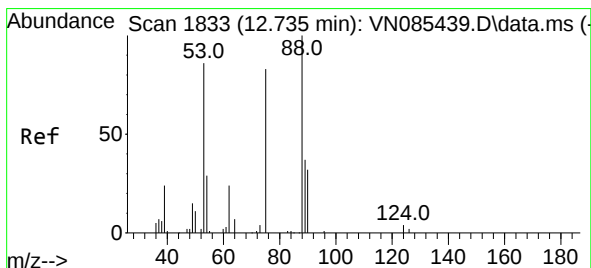
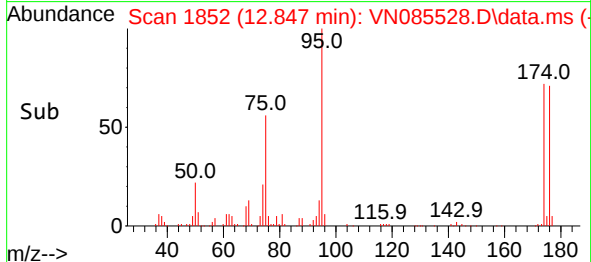
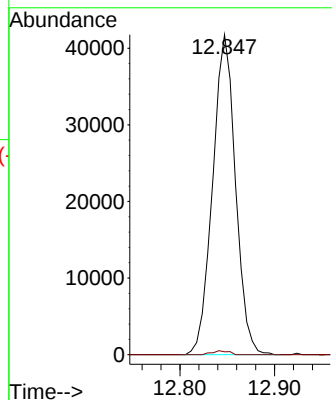
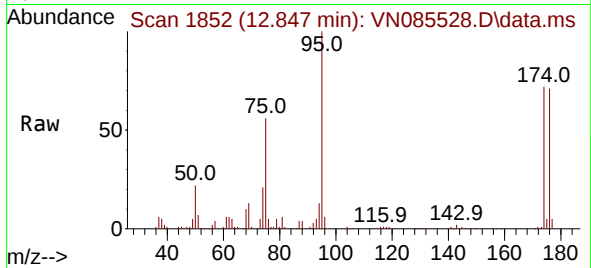




#76
 1,2,3-Trichloropropane
 Concen: 29.658 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085528.D
 Acq: 28 Jan 2025 10:51

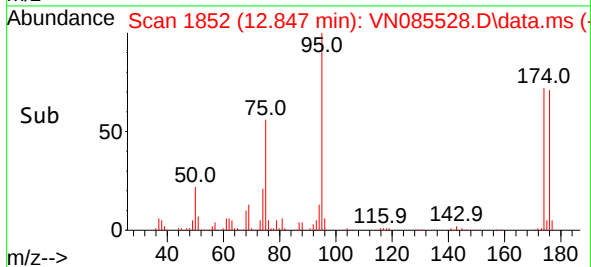
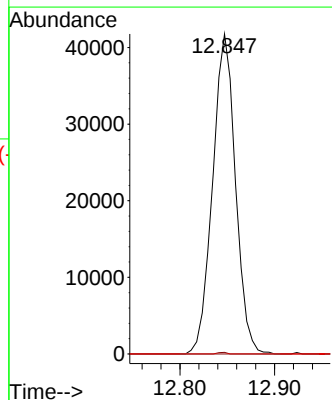
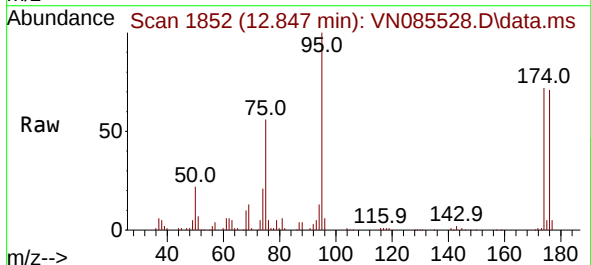
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBL01

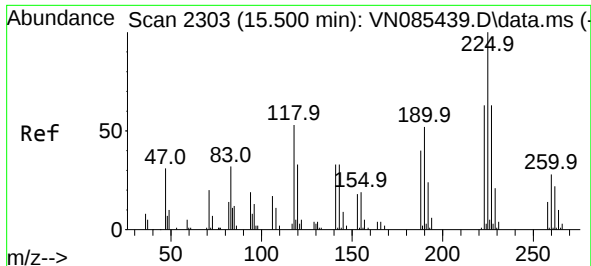
Tgt Ion: 75 Resp: 70077
 Ion Ratio Lower Upper
 75 100
 77 0.9 109.7 329.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.243 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085528.D
 Acq: 28 Jan 2025 10:51

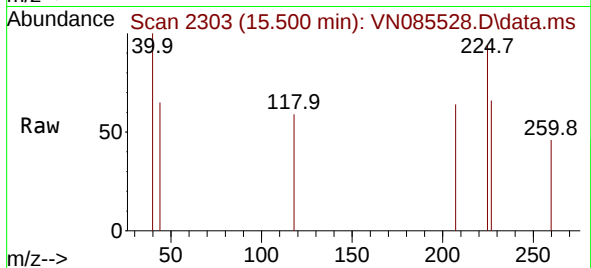
Tgt Ion: 75 Resp: 70077
 Ion Ratio Lower Upper
 75 100
 53 0.2 95.6 143.4#
 89 0.0 37.0 55.6#



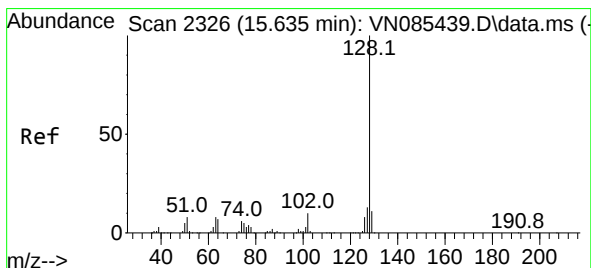
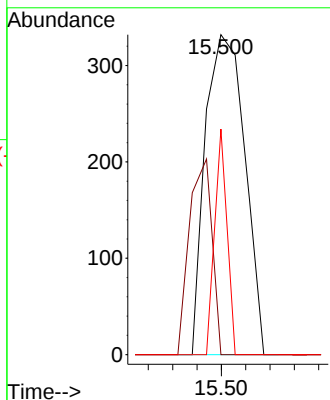
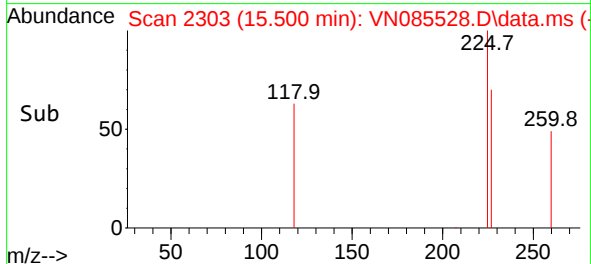


#94
Hexachlorobutadiene
Concen: 0.401 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51

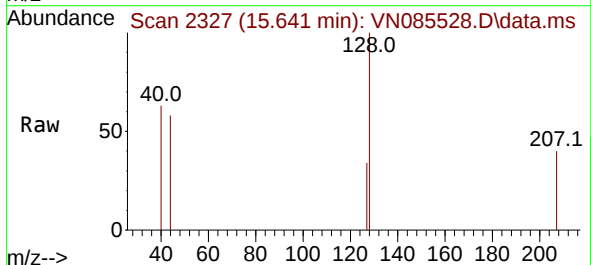
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01



Tgt Ion:225 Resp: 373
Ion Ratio Lower Upper
225 100
223 35.1 30.7 92.1
227 22.3 30.9 92.5#



#95
Naphthalene
Concen: 0.327 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085528.D
Acq: 28 Jan 2025 10:51



Tgt Ion:128 Resp: 1707
Ion Ratio Lower Upper
128 100
127 5.7 10.6 16.0#
129 0.0 8.8 13.2#

