

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085471.D
 Acq On : 16 Jan 2025 15:45
 Operator : JC\MD
 Sample : Q1060-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jan 17 01:05:57 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)

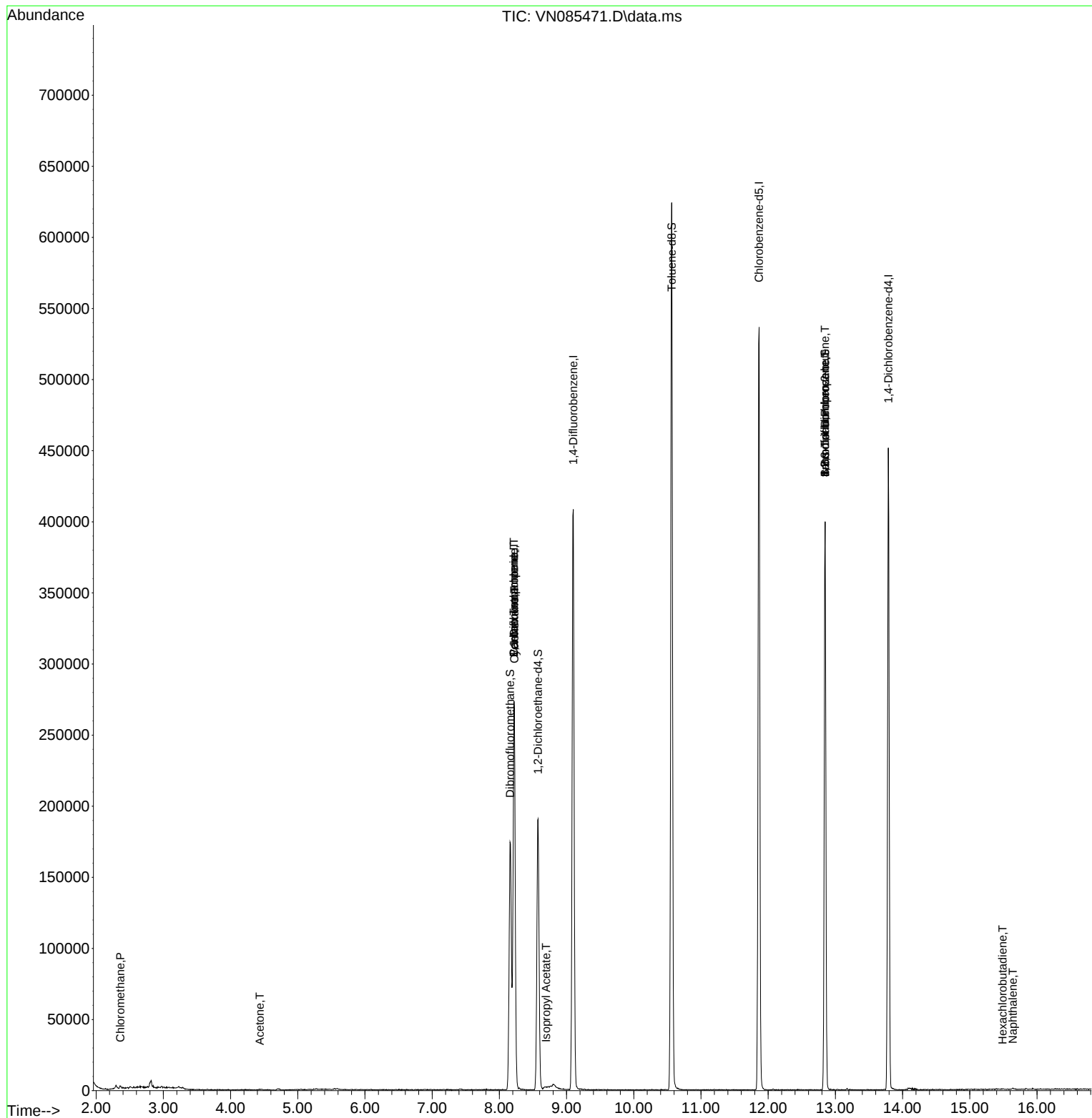
Internal Standards						
1) Pentafluorobenzene	8.218	168	182280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	162964	55.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.780%	
35) Dibromofluoromethane	8.159	113	123915	53.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.100%	
50) Toluene-d8	10.565	98	414544	50.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.847	95	129759	46.141	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1132	0.424	ug/l	98
16) Acetone	4.436	43	1014	1.067	ug/l #	45
31) Cyclohexane	8.224	56	5274	1.412	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	18097	5.573	ug/l #	51
38) Carbon Tetrachloride	8.218	117	20099	5.406	ug/l #	18
43) Isopropyl Acetate	8.694	43	2287	0.435	ug/l #	55
71) Bromoform	12.847	173	1388	0.838	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74417	32.247	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74417	87.248	ug/l #	3
94) Hexachlorobutadiene	15.488	225	192	0.212	ug/l #	38
95) Naphthalene	15.641	128	1272	0.249	ug/l #	69

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

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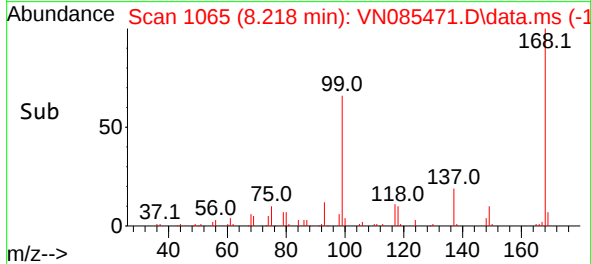
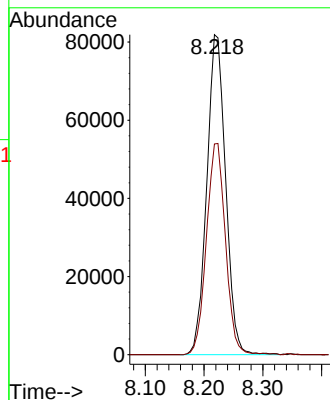
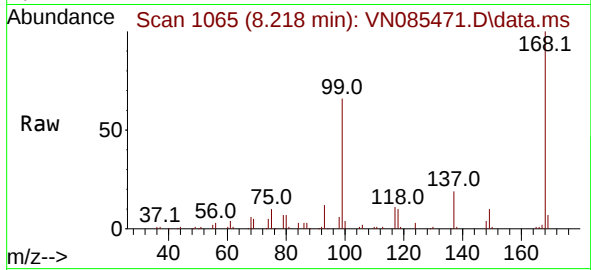




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

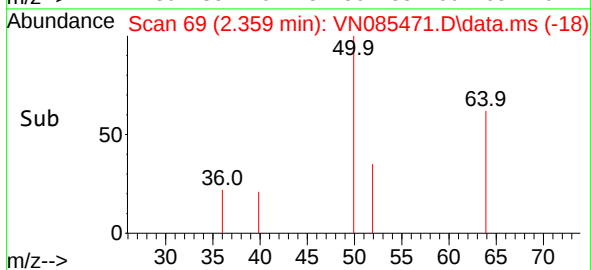
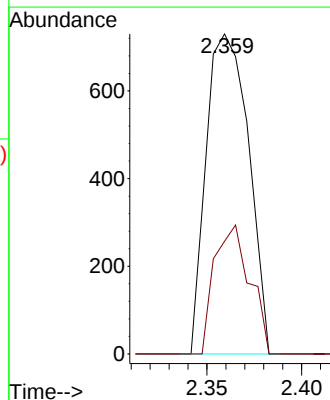
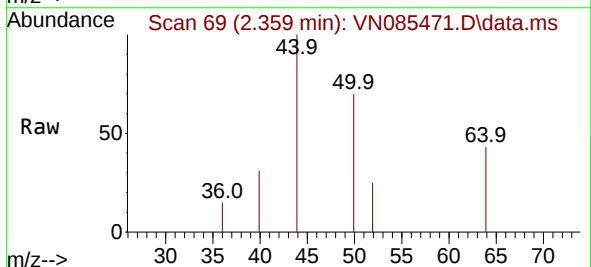
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SOIL-REF-6

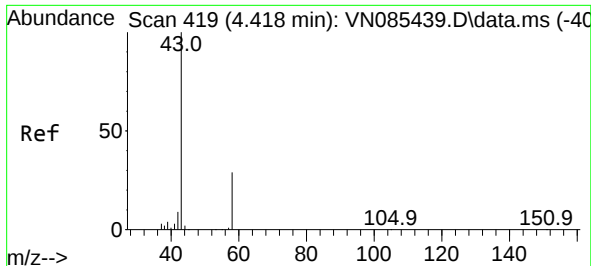
Tgt Ion:168 Resp: 182280
Ion Ratio Lower Upper
168 100
99 65.8 53.6 80.4



#3
Chloromethane
Concen: 0.424 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Tgt Ion: 50 Resp: 1132
Ion Ratio Lower Upper
50 100
52 35.2 27.0 40.6

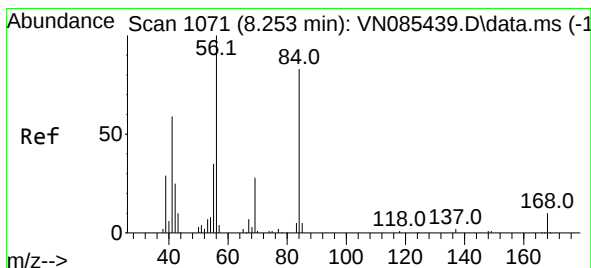
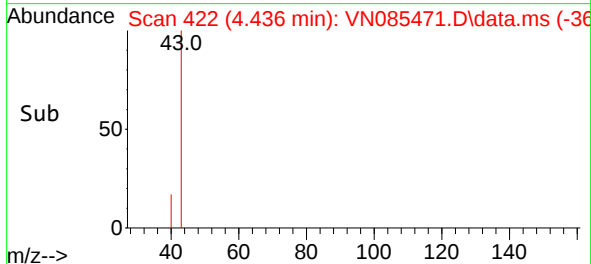
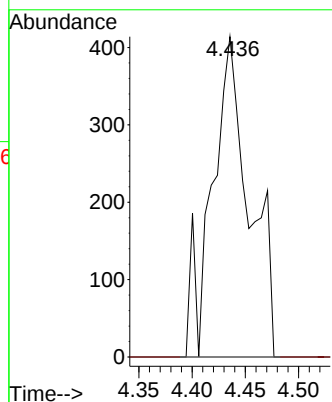
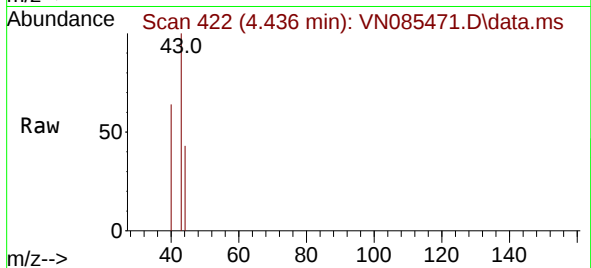




#16
Acetone
Concen: 1.067 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

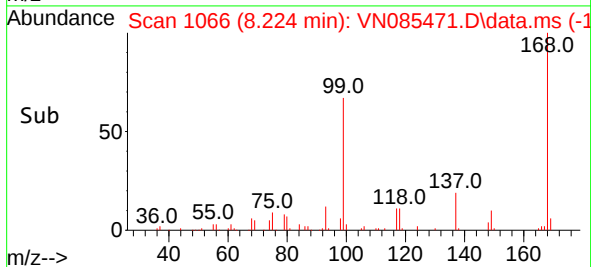
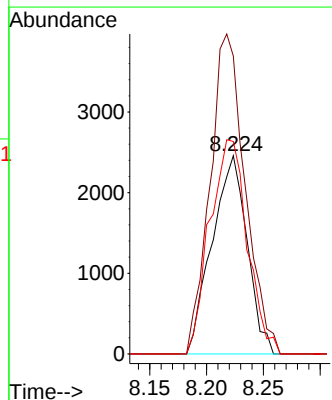
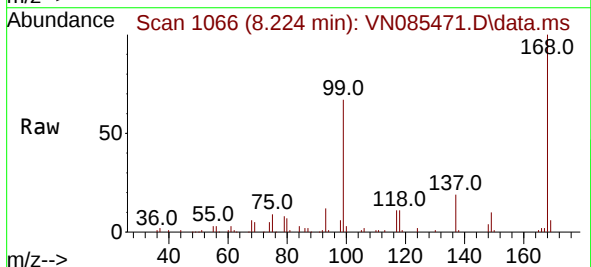
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

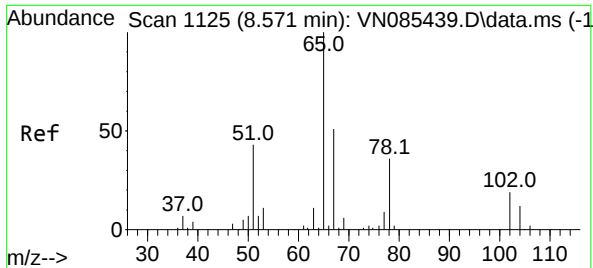
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.412 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Tgt Ion: 56 Resp: 5274
Ion Ratio Lower Upper
56 100
69 150.3 22.2 33.4#
84 107.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.385 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

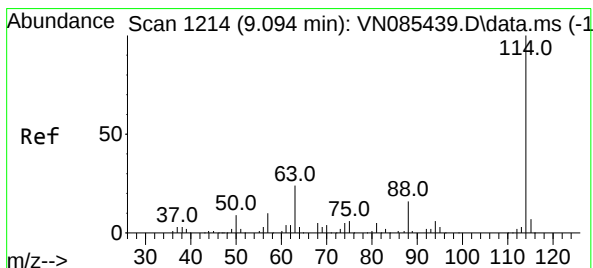
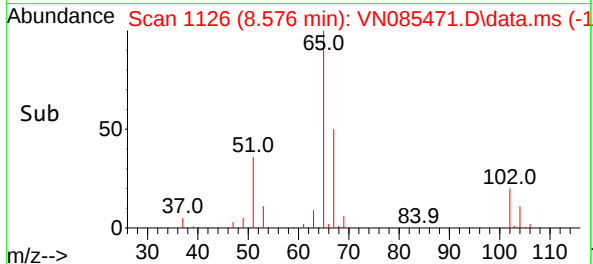
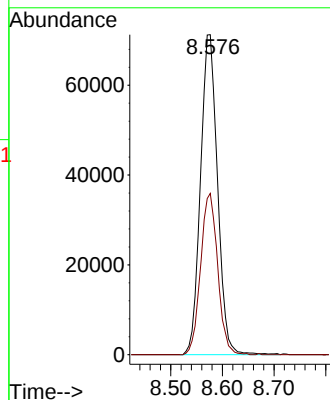
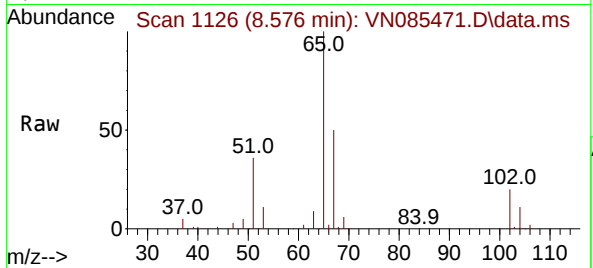
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 162964

Ion Ratio Lower Upper

65 100

67 50.5 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: VN085471.D

Acq: 16 Jan 2025 15:45

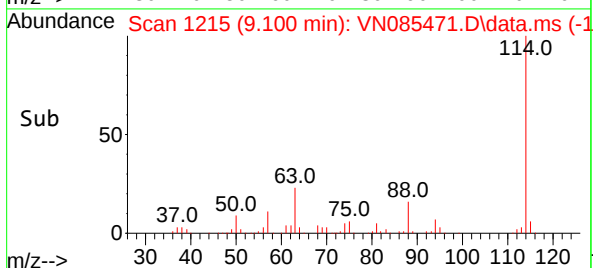
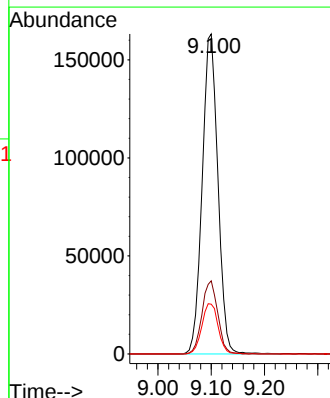
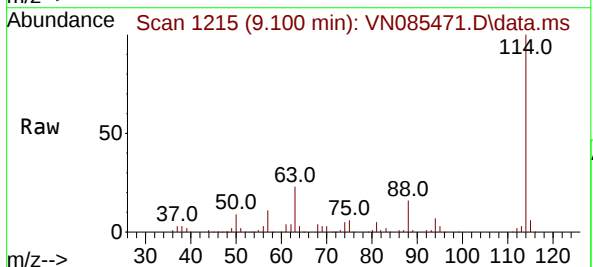
Tgt Ion: 114 Resp: 333529

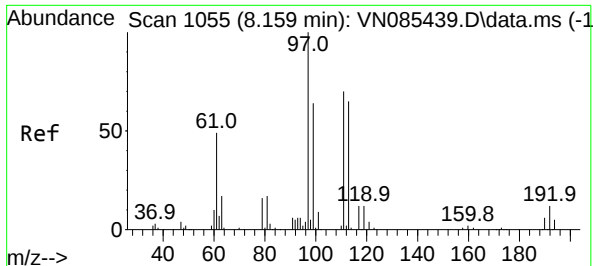
Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.553 ug/l

RT: 8.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085471.D

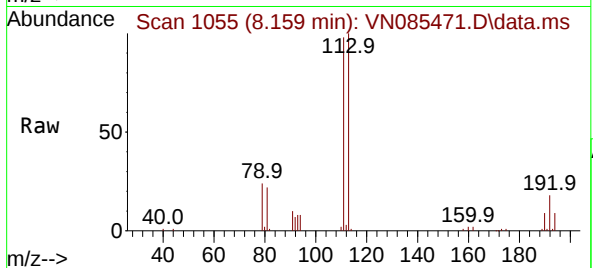
Acq: 16 Jan 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6



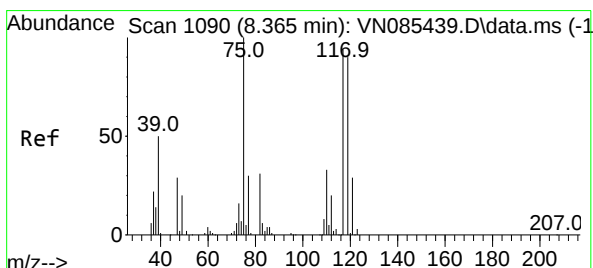
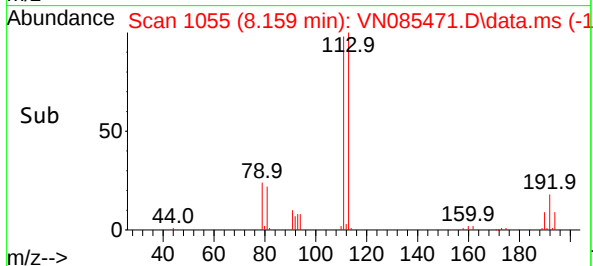
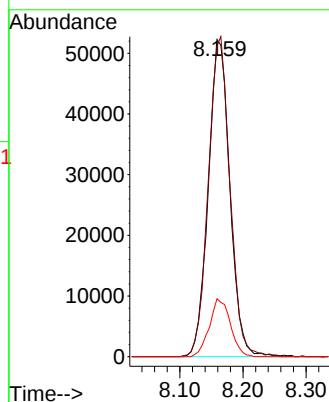
Tgt Ion:113 Resp: 123915

Ion Ratio Lower Upper

113 100

111 101.1 82.7 124.1

192 17.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.573 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

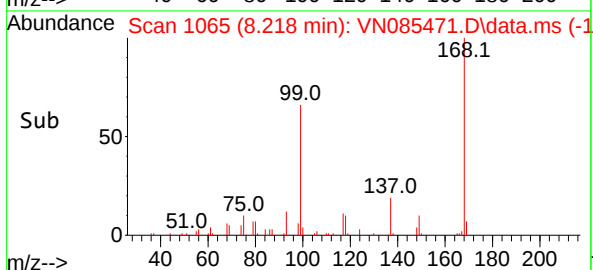
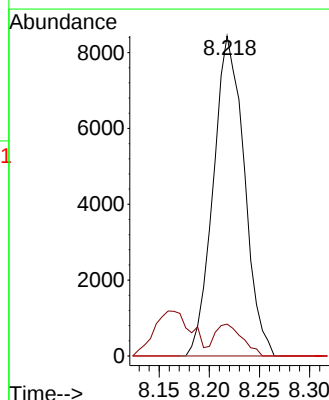
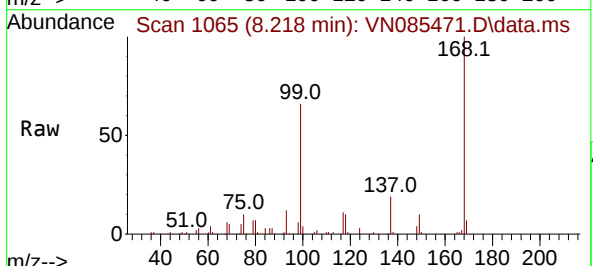
Tgt Ion: 75 Resp: 18097

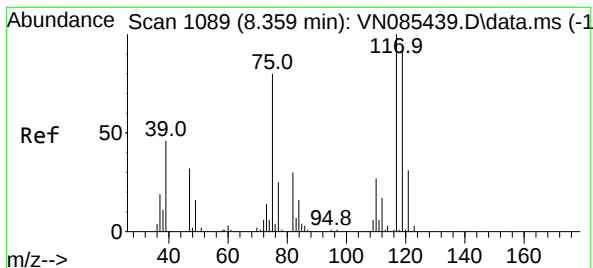
Ion Ratio Lower Upper

75 100

110 9.0 16.5 49.5#

77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.406 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN085471.D

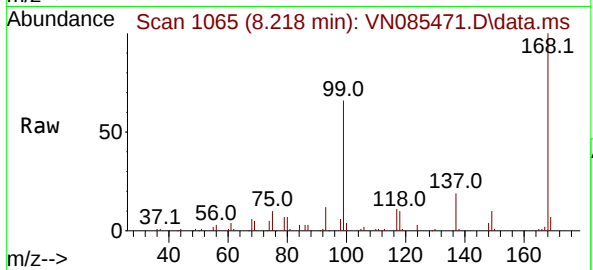
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Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6



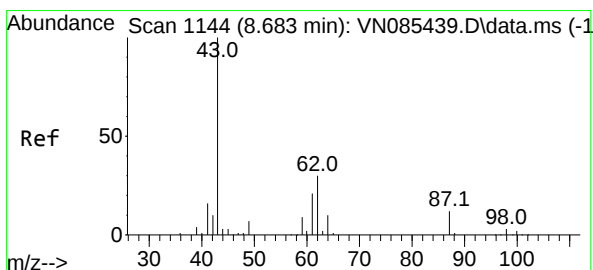
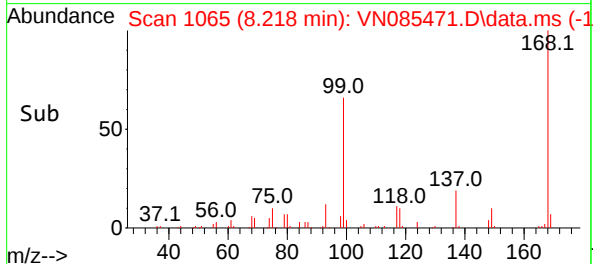
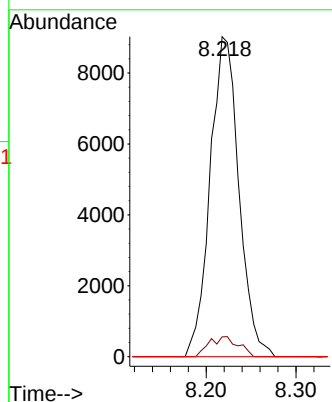
Tgt Ion:117 Resp: 20099

Ion Ratio Lower Upper

117 100

119 6.2 75.4 113.2#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.435 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.012 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

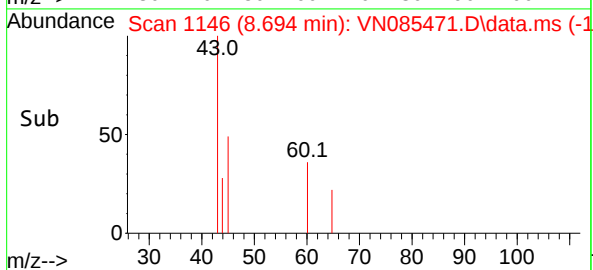
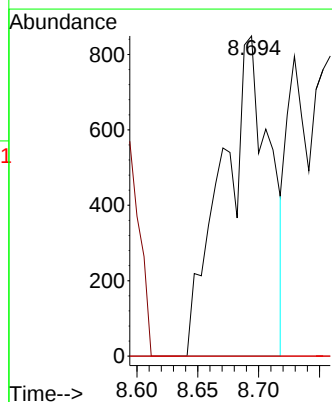
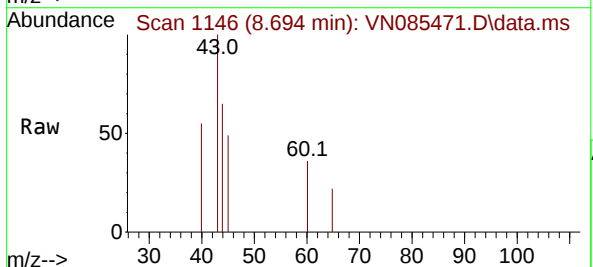
Tgt Ion: 43 Resp: 2287

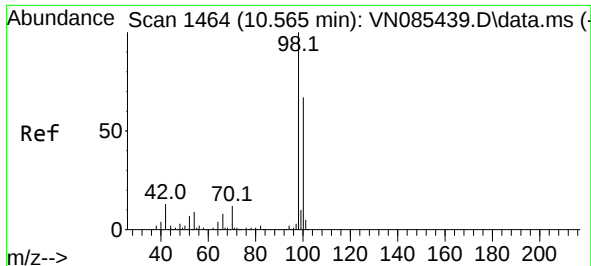
Ion Ratio Lower Upper

43 100

61 0.0 20.7 31.1#

87 0.0 9.8 14.8#

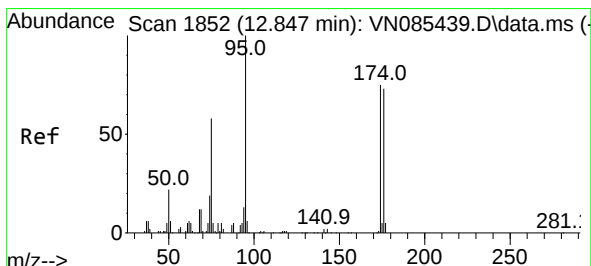
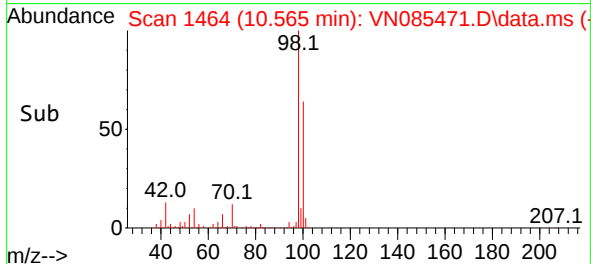
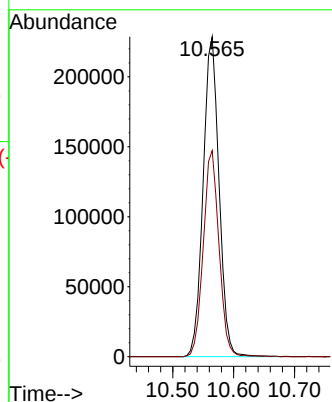
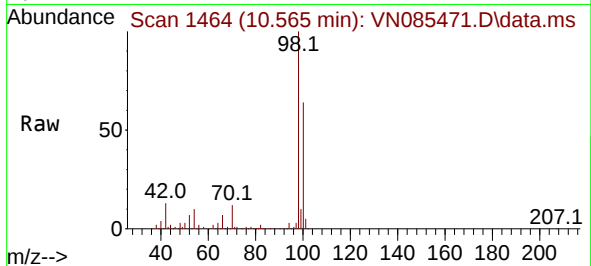




#50
Toluene-d8
Concen: 50.424 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

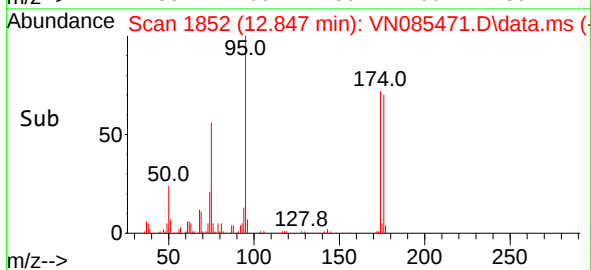
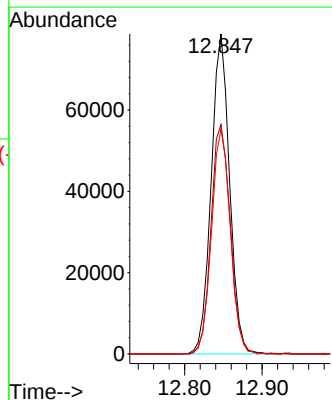
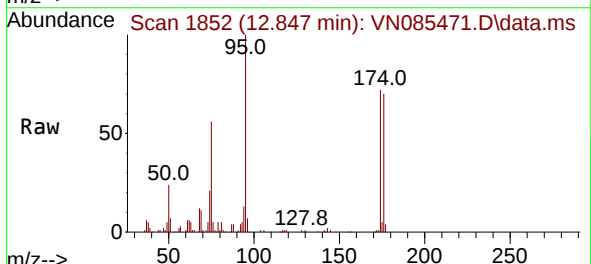
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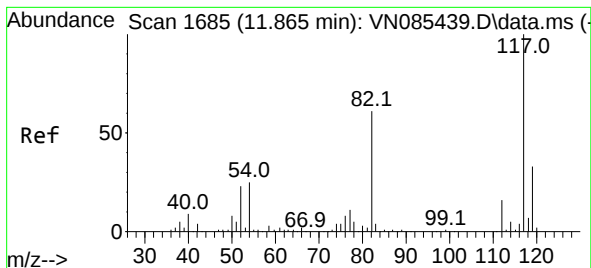
Tgt Ion: 98 Resp: 414544
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Tgt Ion: 95 Resp: 129759
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.0
176 71.6 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

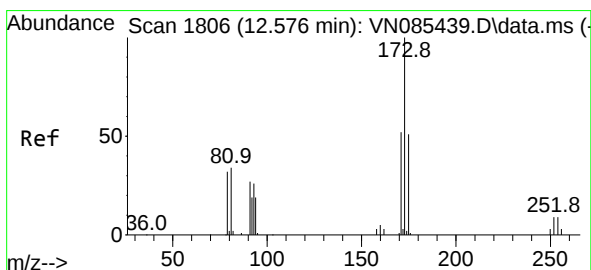
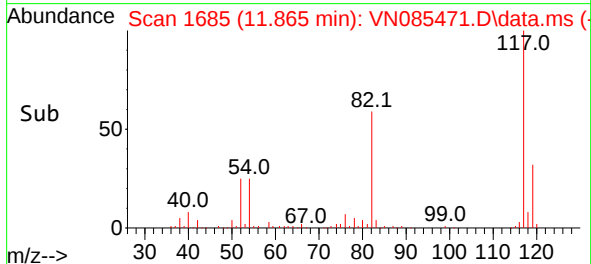
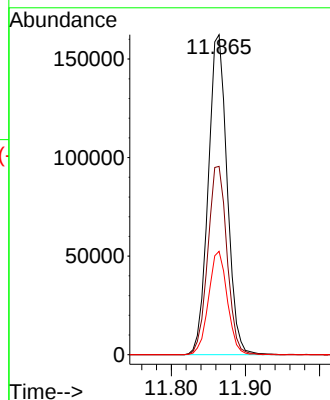
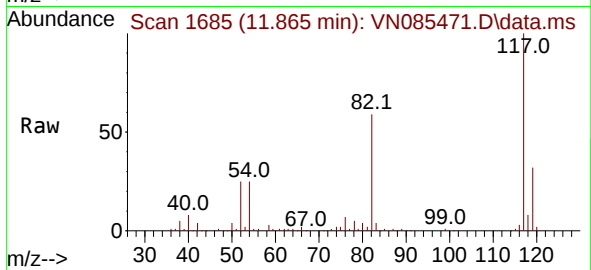
Tgt Ion:117 Resp: 287969

Ion Ratio Lower Upper

117 100

82 58.9 48.6 72.8

119 32.3 26.6 39.8



#71

Bromoform

Concen: 0.838 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.270 min

Lab File: VN085471.D

Acq: 16 Jan 2025 15:45

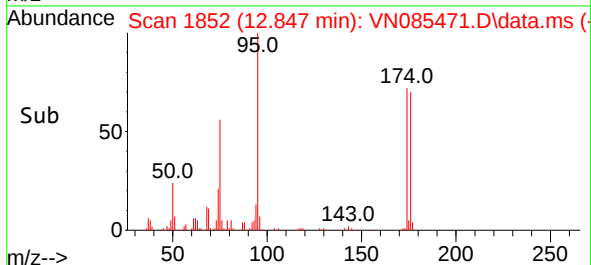
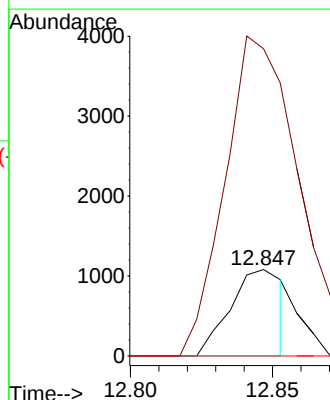
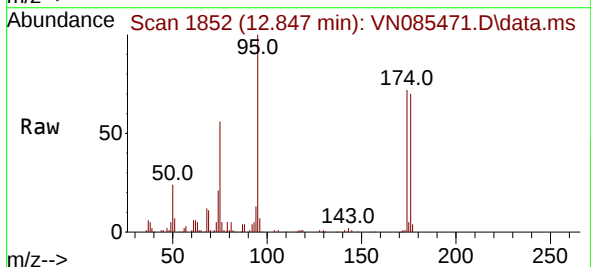
Tgt Ion:173 Resp: 1388

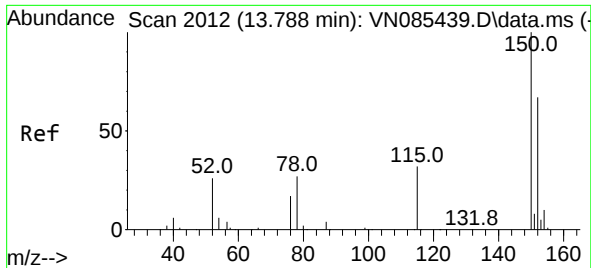
Ion Ratio Lower Upper

173 100

175 397.4 24.4 73.2#

254 0.0 0.0 0.0

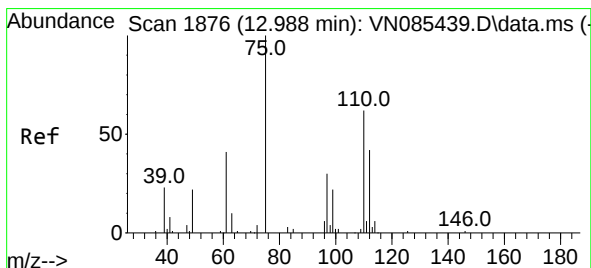
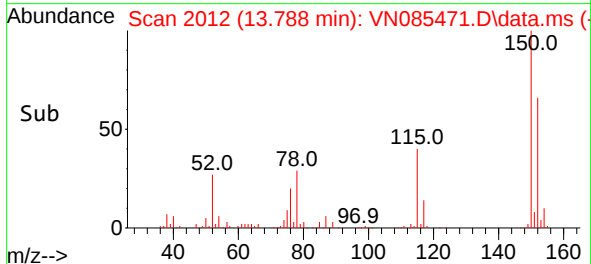
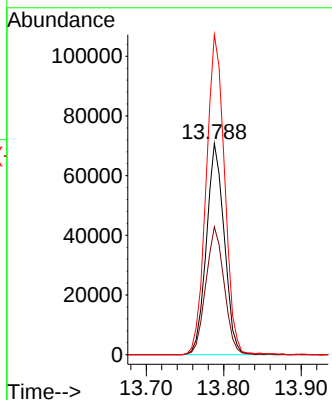
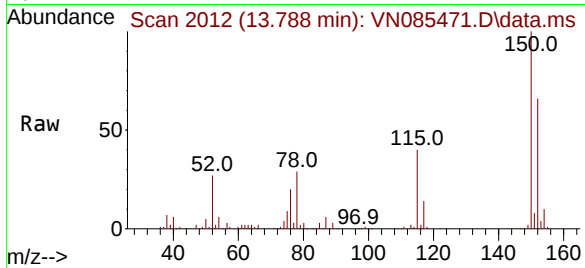




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

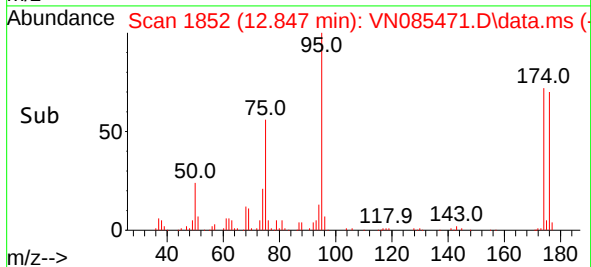
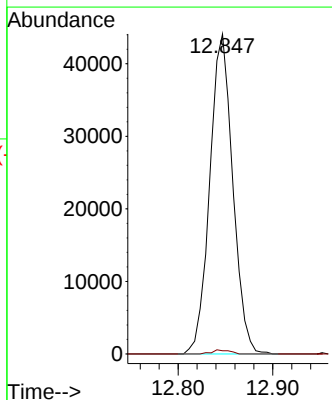
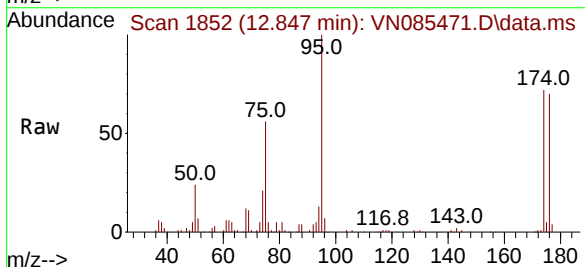
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

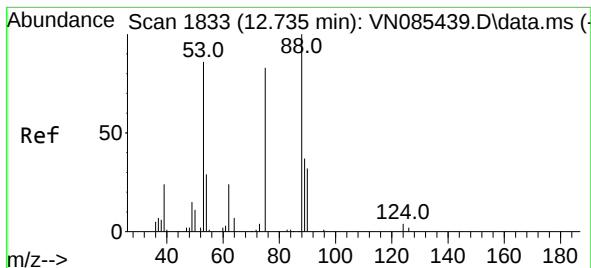
Tgt Ion:152 Resp: 113538
Ion Ratio Lower Upper
152 100
115 62.1 31.1 93.3
150 156.3 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 32.247 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Tgt Ion: 75 Resp: 74417
Ion Ratio Lower Upper
75 100
77 1.0 109.7 329.2#

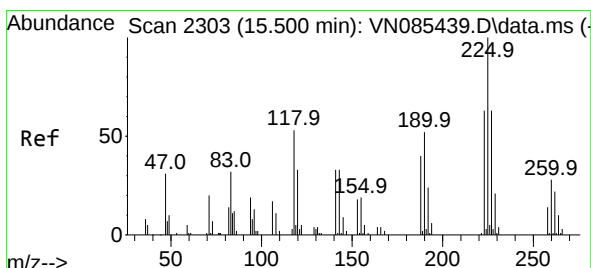
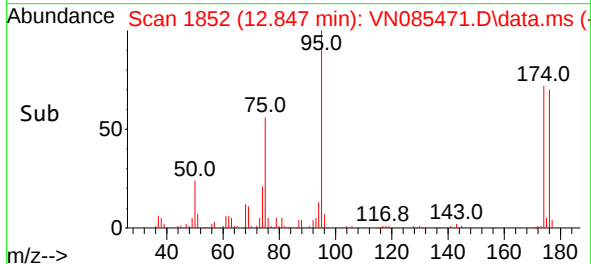
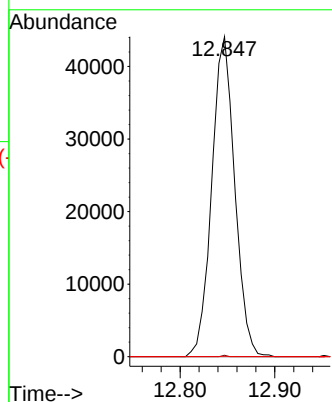
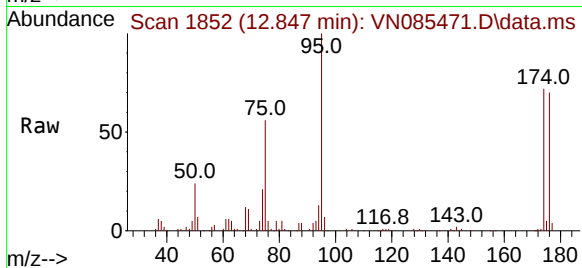




#81
trans-1,4-Dichloro-2-butene
Concen: 87.248 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

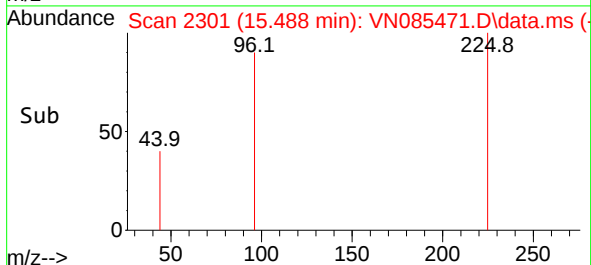
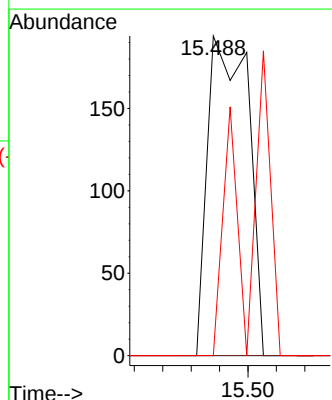
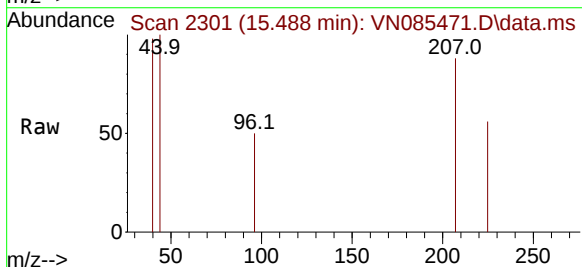
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

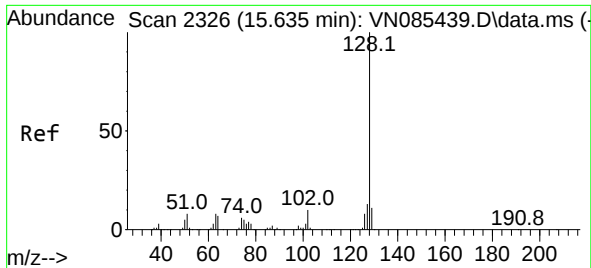
Tgt Ion: 75 Resp: 74417
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.212 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

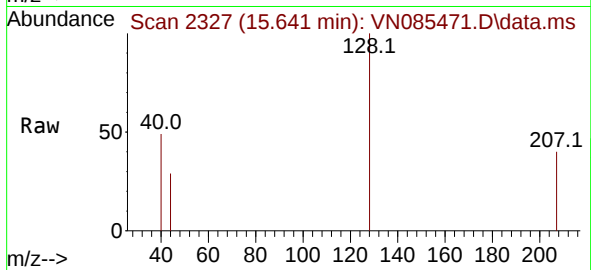
Tgt Ion: 225 Resp: 192
Ion Ratio Lower Upper
225 100
223 0.0 30.7 92.1#
227 27.6 30.9 92.5#





#95
Naphthalene
Concen: 0.249 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085471.D
Acq: 16 Jan 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6



Tgt Ion:128 Resp: 1272
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

