

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085647.D
 Acq On : 04 Feb 2025 12:31
 Operator : JC\MD
 Sample : VN0204WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBL01

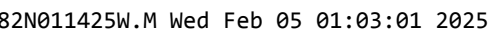
Quant Time: Feb 05 01:02:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

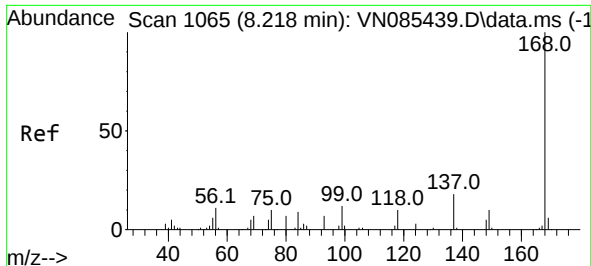
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	197983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	379434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159588	49.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.880%
35) Dibromofluoromethane	8.165	113	132313	50.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.520%
50) Toluene-d8	10.565	98	460162	49.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.847	95	141527	44.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	691	0.238	ug/l	96
5) Bromomethane	2.977	94	1211	0.687	ug/l #	79
16) Acetone	4.448	43	471	0.456	ug/l #	45
17) Carbon Disulfide	4.706	76	2072	0.317	ug/l #	66
31) Cyclohexane	8.224	56	5110	1.260	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17988	4.869	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21615	5.111	ug/l #	18
43) Isopropyl Acetate	8.688	43	1419	0.237	ug/l #	55
58) 2-Chloroethyl Vinyl ether	10.159	63	1034	0.640	ug/l #	69
59) 2-Hexanone	11.194	43	544	0.223	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	74676	27.773	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74676	75.143	ug/l #	3
94) Hexachlorobutadiene	15.494	225	837	0.792	ug/l #	75
95) Naphthalene	15.641	128	2206	0.371	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.847	180	707	0.351	ug/l #	79

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

Quant Time: Feb 05 01:02:52 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

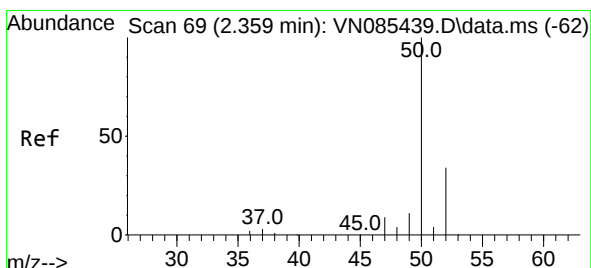
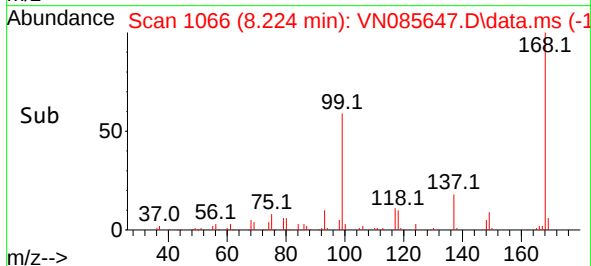
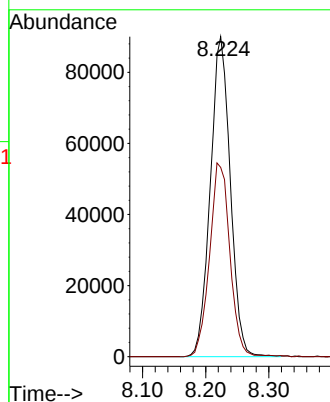
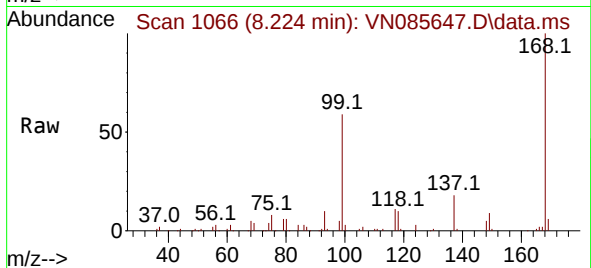




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

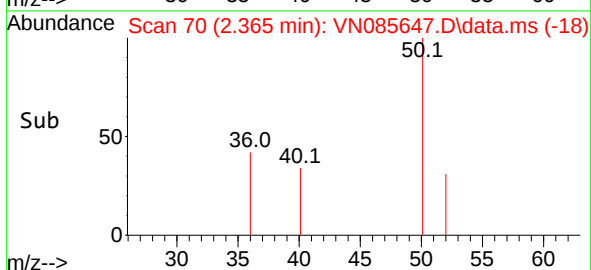
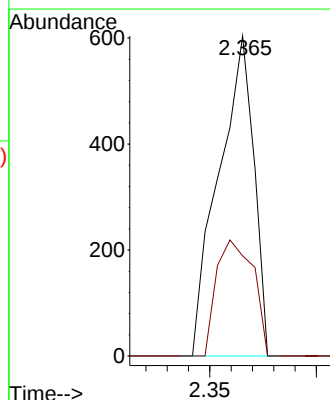
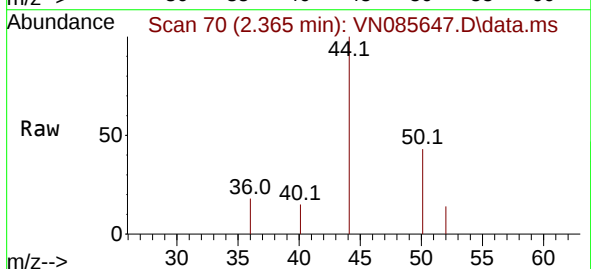
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

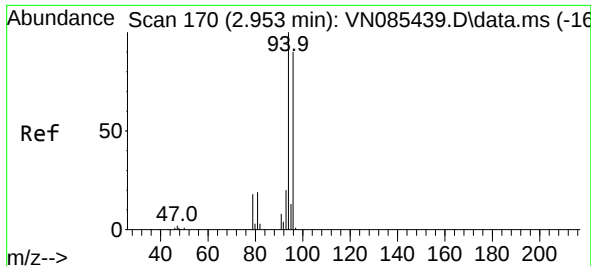
Tgt Ion:168 Resp: 197983
Ion Ratio Lower Upper
168 100
99 59.2 53.6 80.4



#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 50 Resp: 691
Ion Ratio Lower Upper
50 100
52 31.3 27.0 40.6

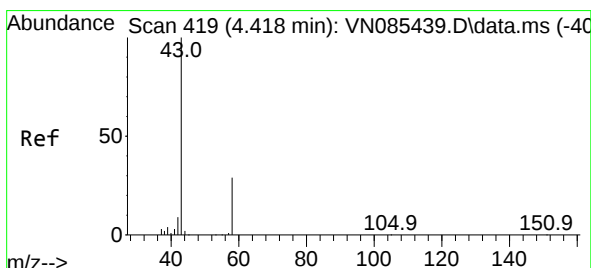
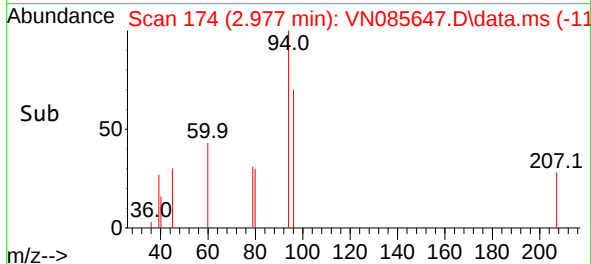
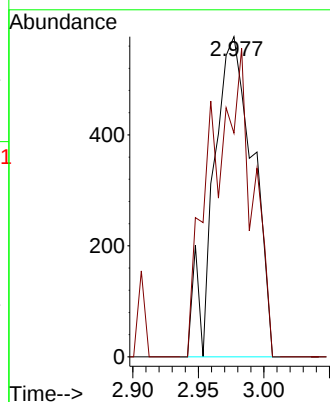
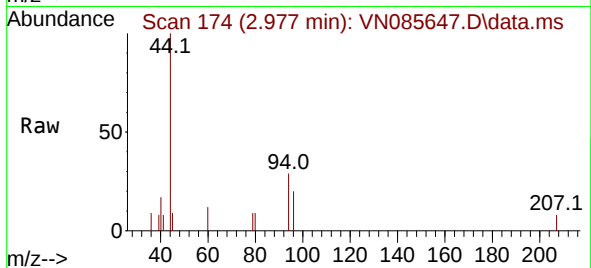




#5
Bromomethane
Concen: 0.687 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

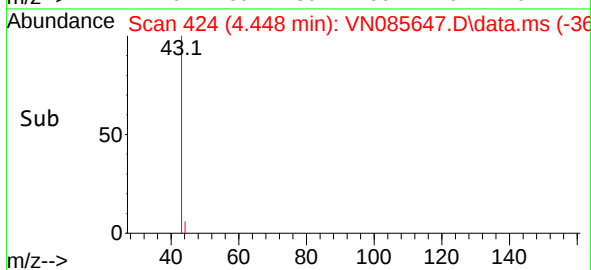
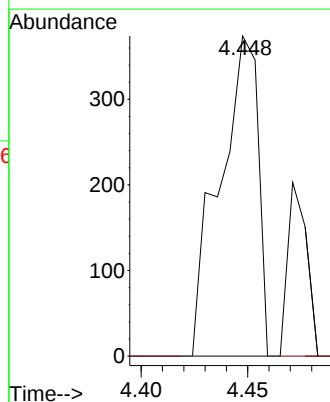
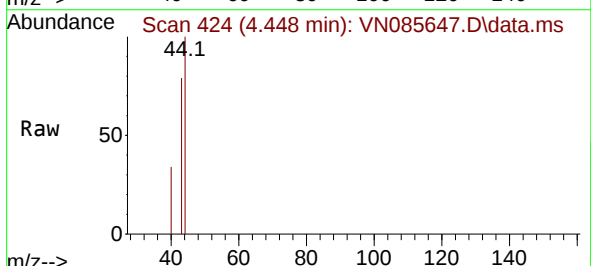
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

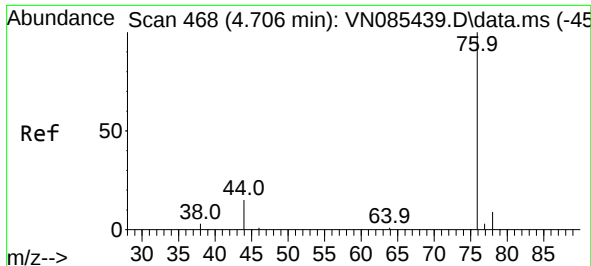
Tgt Ion: 94 Resp: 1211
Ion Ratio Lower Upper
94 100
96 69.8 71.8 107.6#



#16
Acetone
Concen: 0.456 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

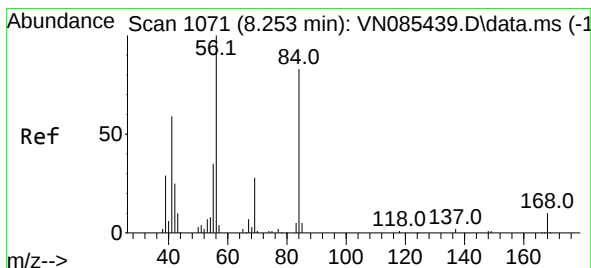
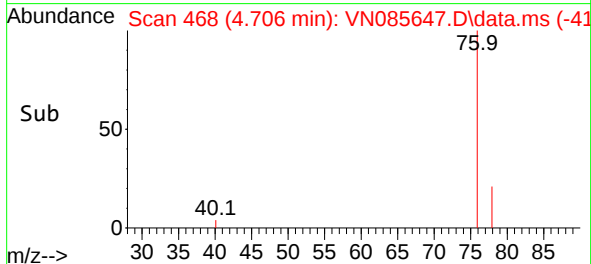
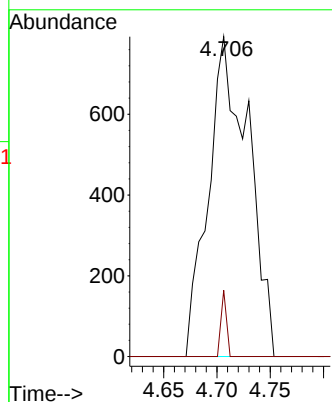
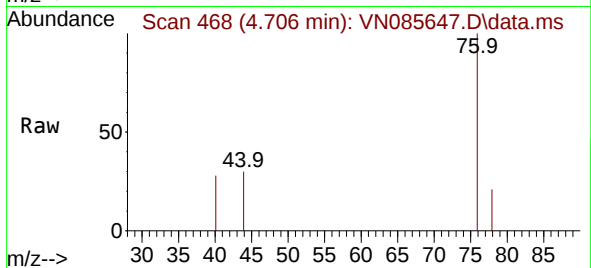




#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

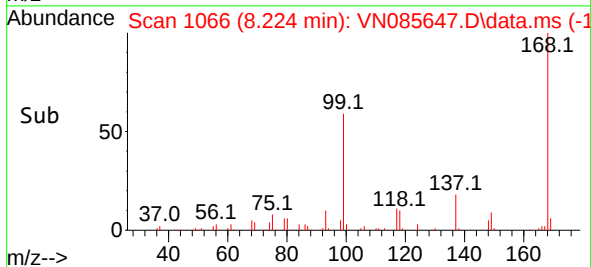
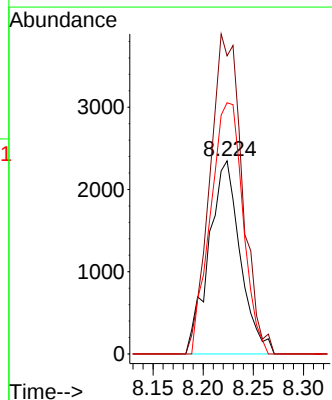
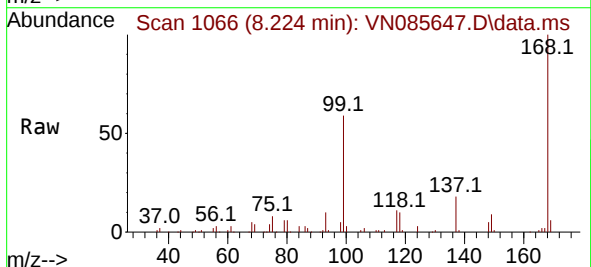
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

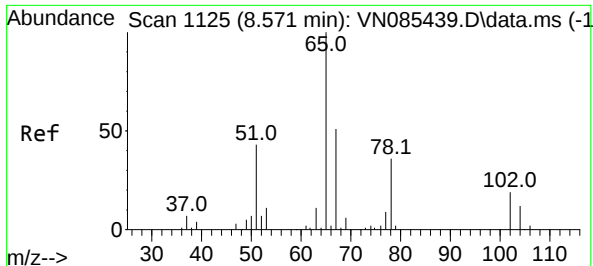
Tgt Ion: 76 Resp: 2072
Ion Ratio Lower Upper
76 100
78 20.7 6.9 10.3#



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 56 Resp: 5110
Ion Ratio Lower Upper
56 100
69 154.3 22.2 33.4#
84 130.1 66.4 99.6#

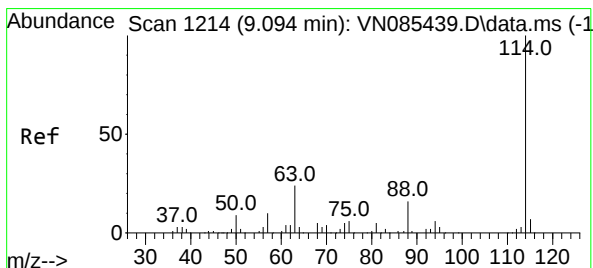
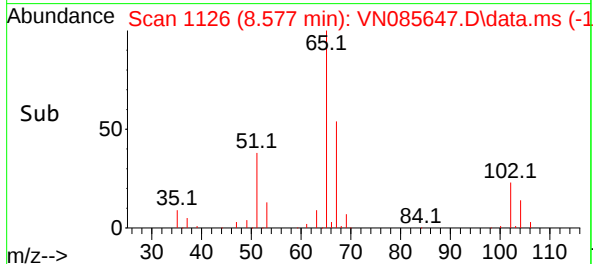
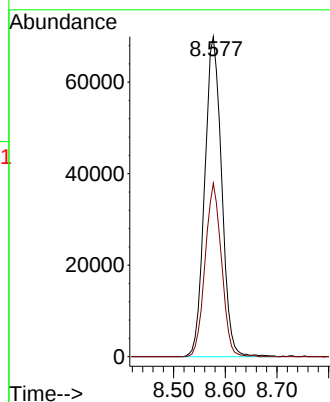
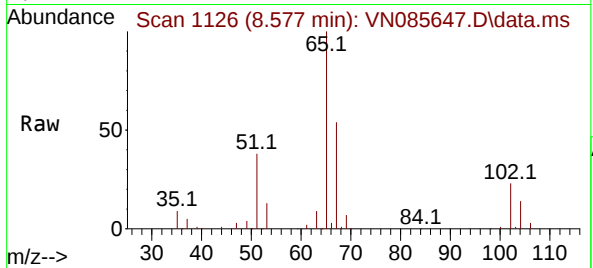




#33
 1,2-Dichloroethane-d4
 Concen: 49.936 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085647.D
 Acq: 04 Feb 2025 12:31

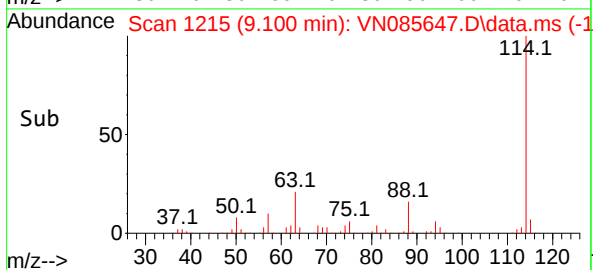
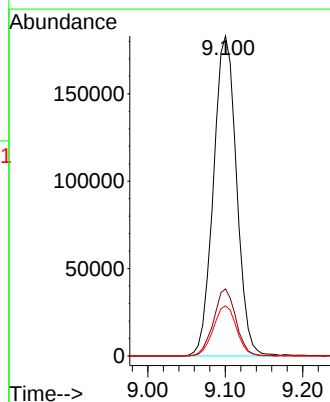
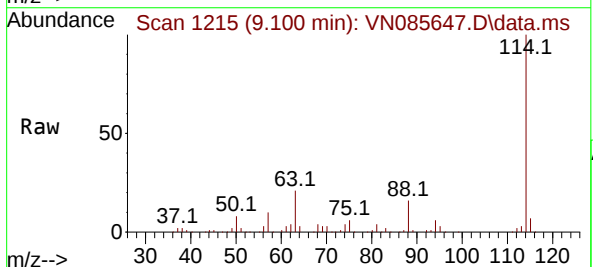
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBL01

Tgt Ion: 65 Resp: 159588
 Ion Ratio Lower Upper
 65 100
 67 52.3 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: VN085647.D
 Acq: 04 Feb 2025 12:31

Tgt Ion: 114 Resp: 379434
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 47.6
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.264 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085647.D

Acq: 04 Feb 2025 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBL01

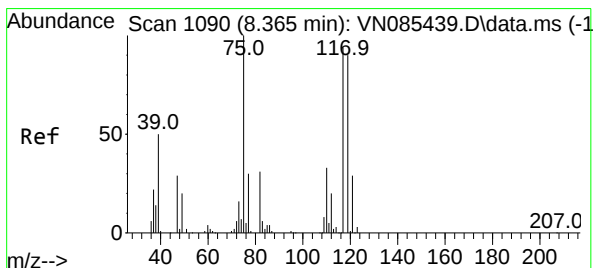
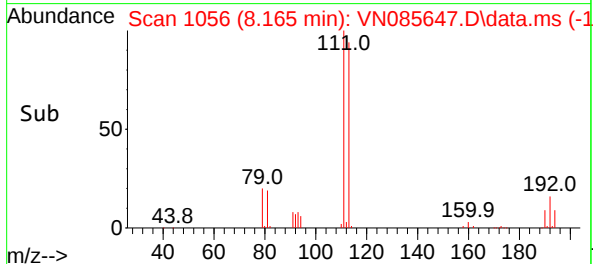
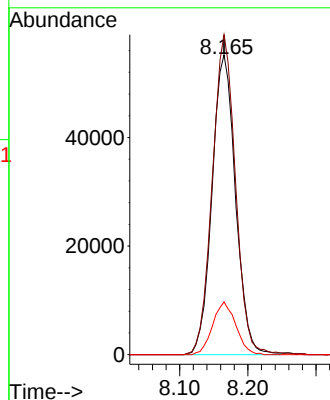
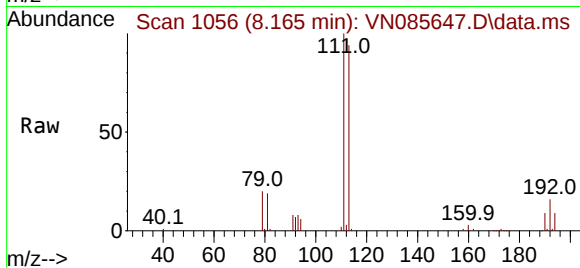
Tgt Ion:113 Resp: 132313

Ion Ratio Lower Upper

113 100

111 105.6 82.7 124.1

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085647.D

Acq: 04 Feb 2025 12:31

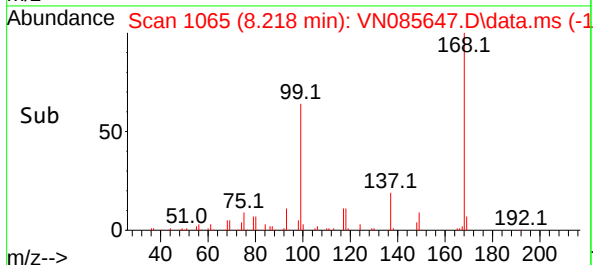
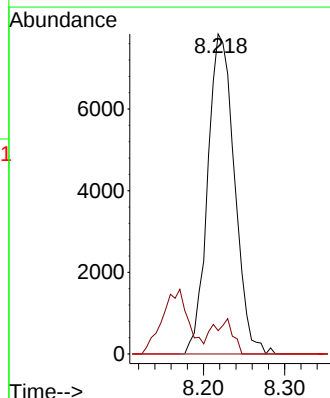
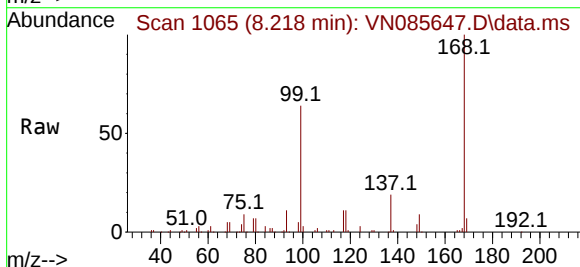
Tgt Ion: 75 Resp: 17988

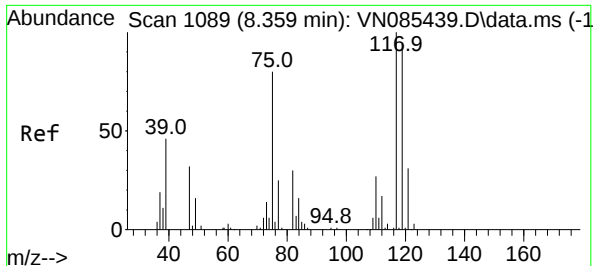
Ion Ratio Lower Upper

75 100

110 8.3 16.5 49.5#

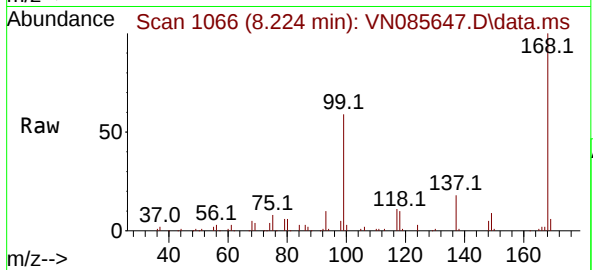
77 0.0 24.4 36.6#



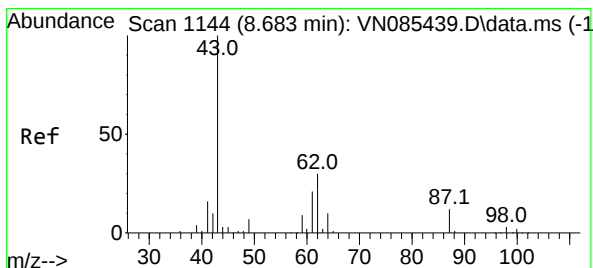
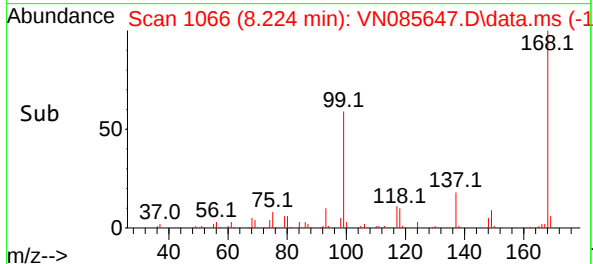
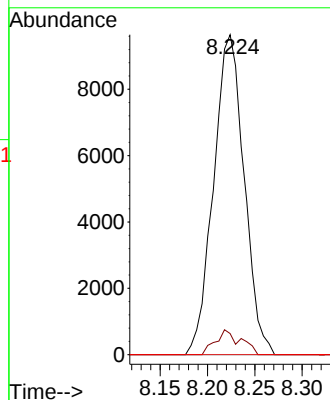


#38
Carbon Tetrachloride
Concen: 5.111 ug/l
RT: 8.224 min Scan# 11066
Delta R.T. -0.135 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

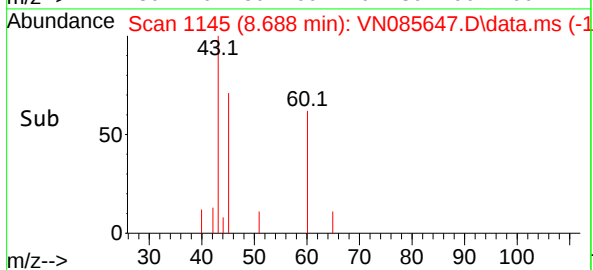
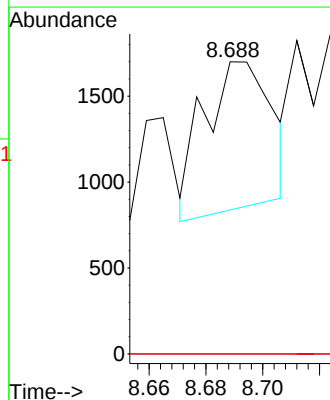
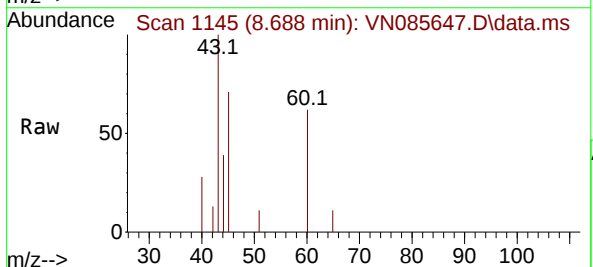


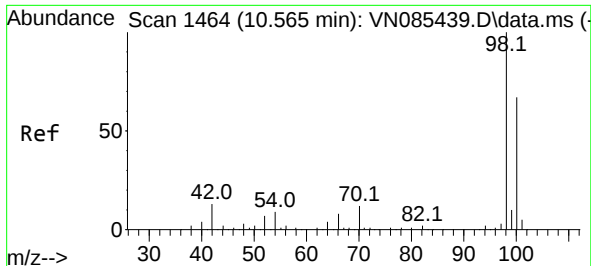
Tgt Ion:117 Resp: 21615
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.237 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

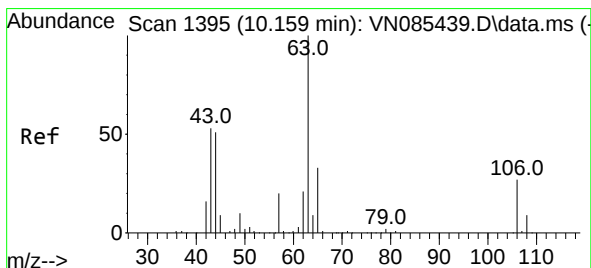
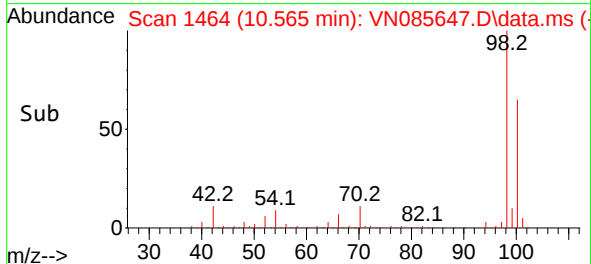
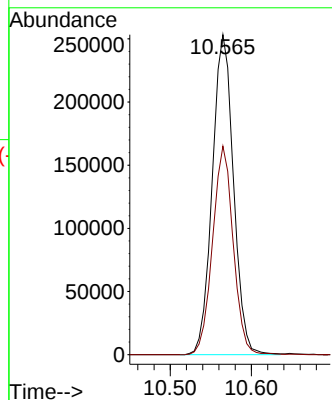
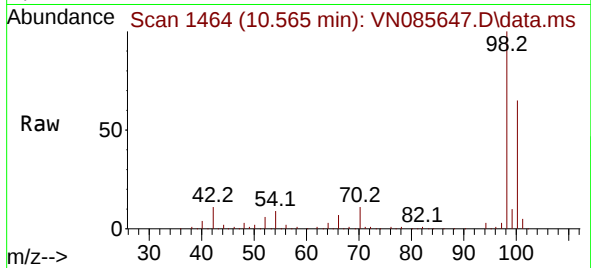




#50
Toluene-d8
Concen: 49.201 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

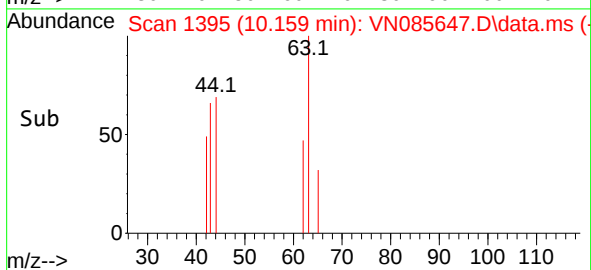
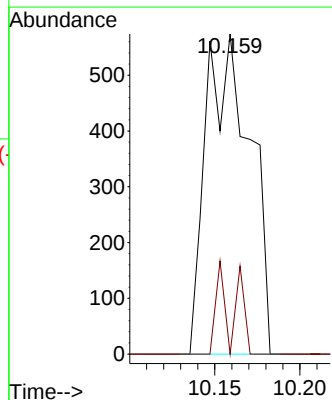
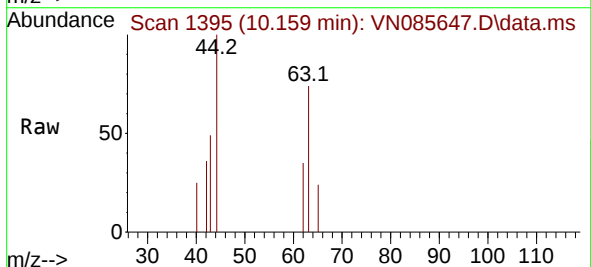
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

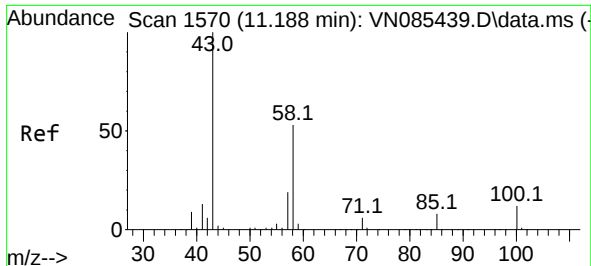
Tgt Ion: 98 Resp: 460162
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.4



#58
2-Chloroethyl Vinyl ether
Concen: 0.640 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 63 Resp: 1034
Ion Ratio Lower Upper
63 100
106 11.1 21.6 32.4#

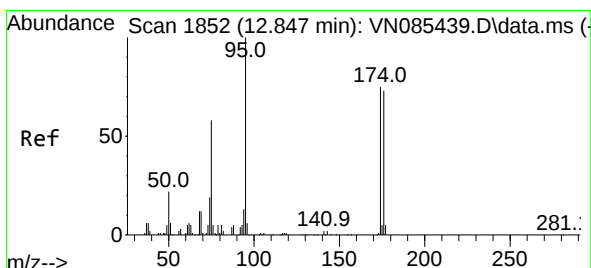
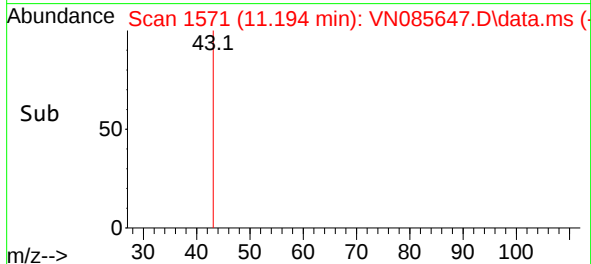
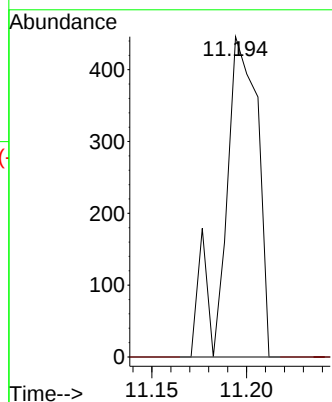
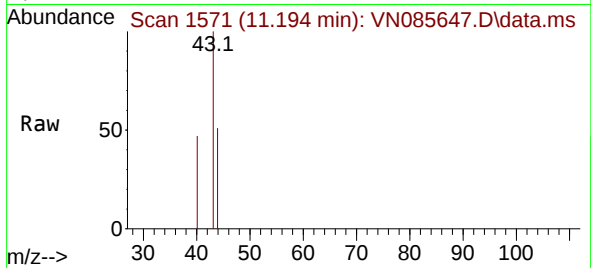




#59
2-Hexanone
Concen: 0.223 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

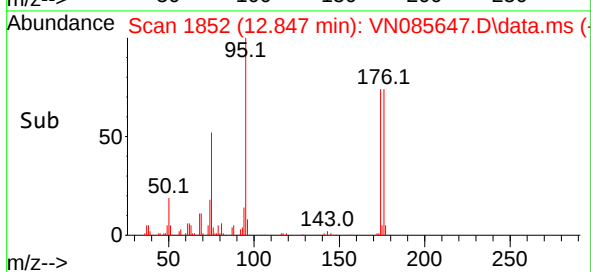
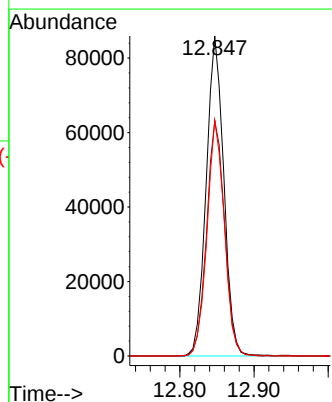
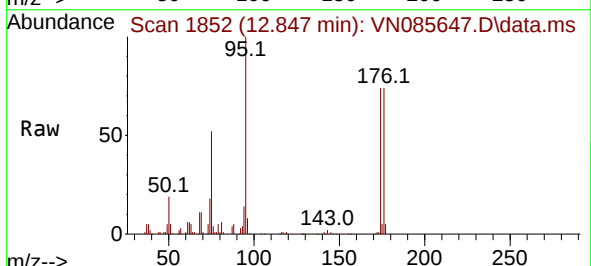
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

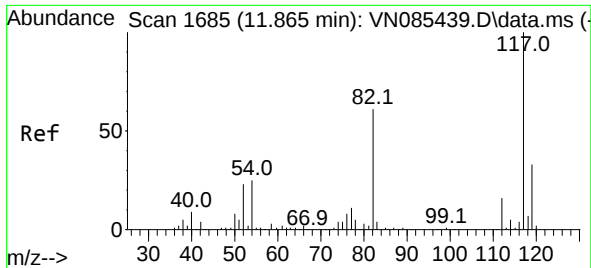
Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 44.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 95 Resp: 141527
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.0
176 72.4 0.0 142.4

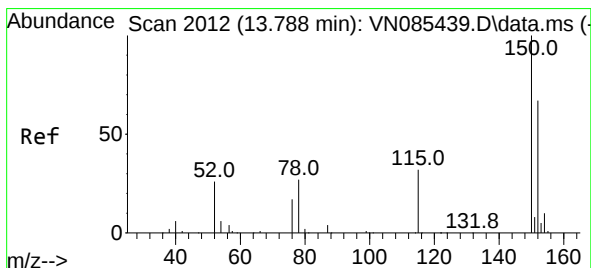
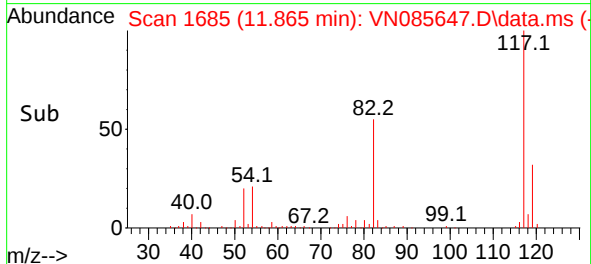
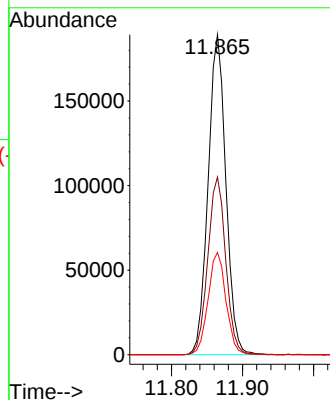
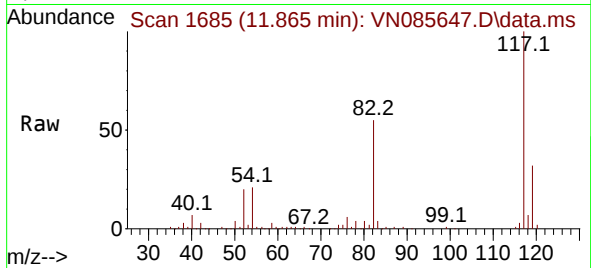




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

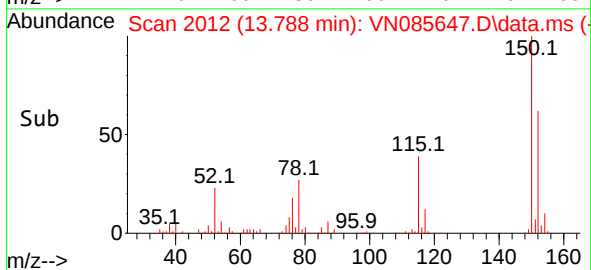
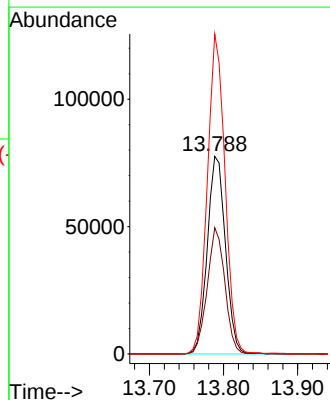
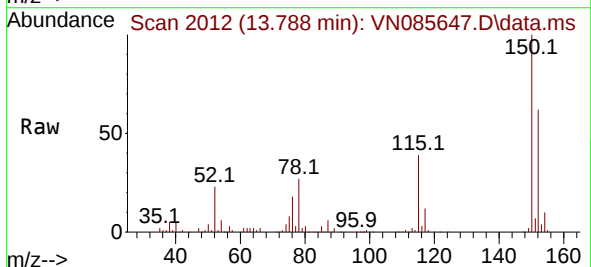
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

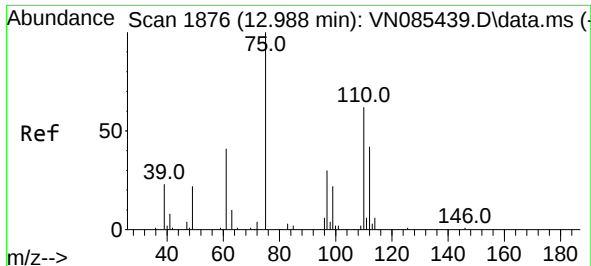
Tgt Ion:117 Resp: 328690
Ion Ratio Lower Upper
117 100
82 55.5 48.6 72.8
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion:152 Resp: 132287
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.3
150 156.8 0.0 343.6

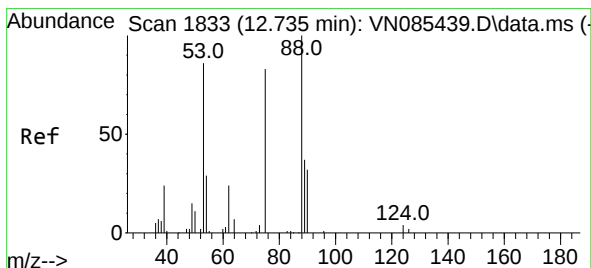
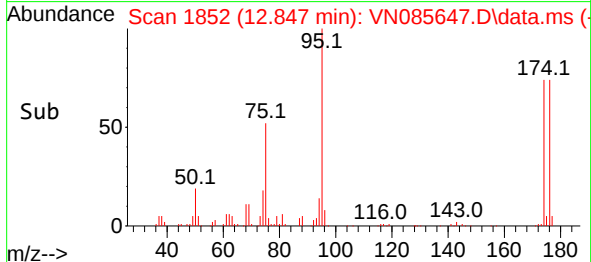
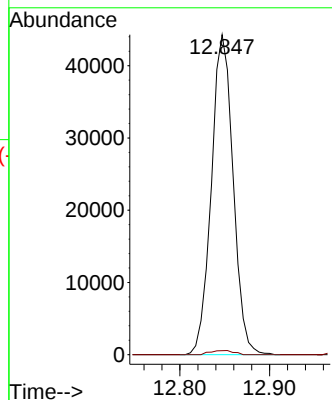
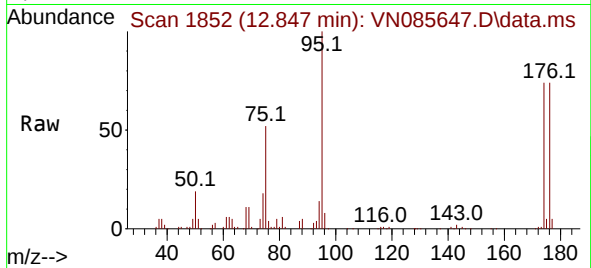




#76
1,2,3-Trichloropropane
Concen: 27.773 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

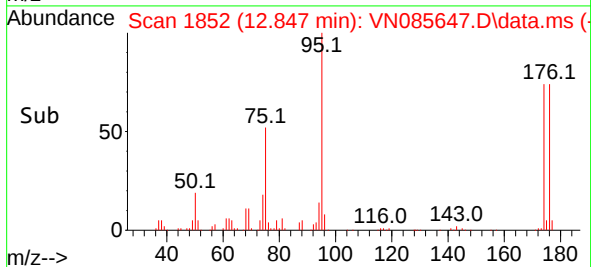
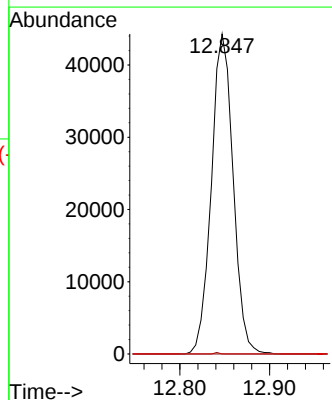
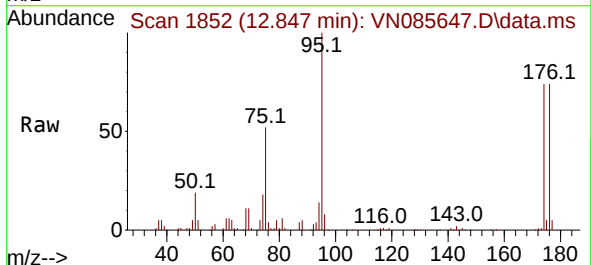
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

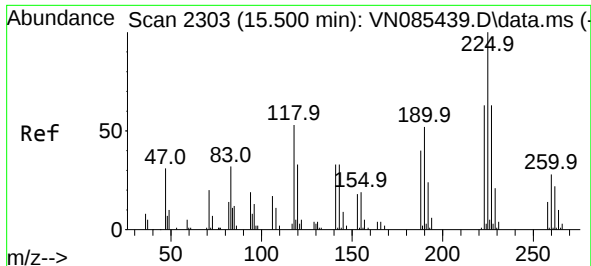
Tgt Ion: 75 Resp: 74676
Ion Ratio Lower Upper
75 100
77 1.4 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.143 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

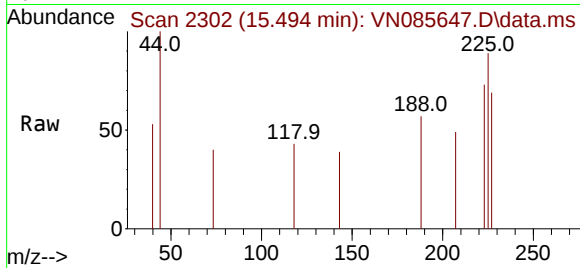
Tgt Ion: 75 Resp: 74676
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



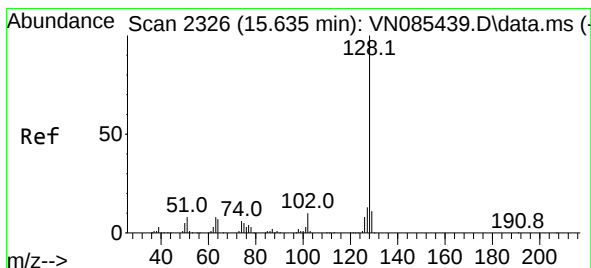
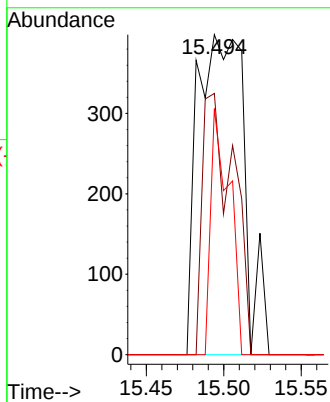
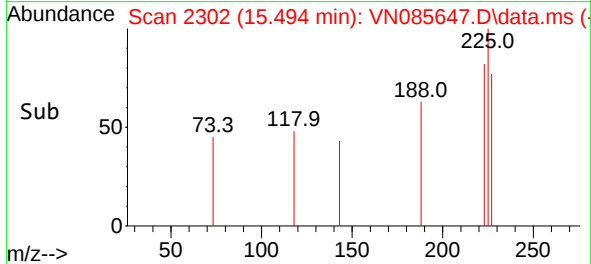


#94
Hexachlorobutadiene
Concen: 0.792 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

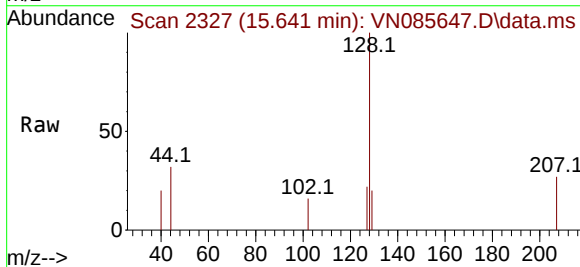
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01



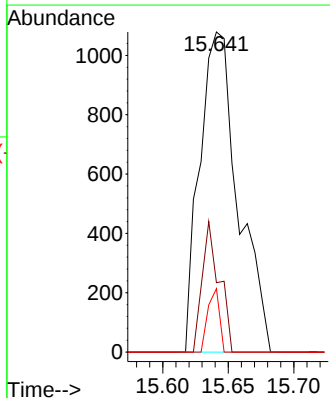
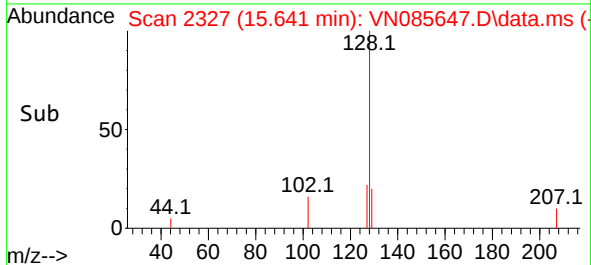
Tgt Ion:225 Resp: 837
Ion Ratio Lower Upper
225 100
223 53.6 30.7 92.1
227 30.6 30.9 92.5#

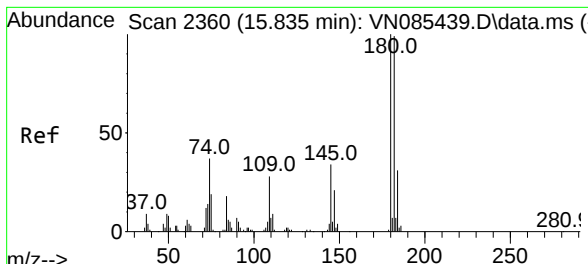


#95
Naphthalene
Concen: 0.371 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31



Tgt Ion:128 Resp: 2206
Ion Ratio Lower Upper
128 100
127 18.1 10.6 16.0#
129 6.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.351 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN085647.D
 Acq: 04 Feb 2025 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBL01

Tgt Ion:	180	Resp:	707
Ion	Ratio	Lower	Upper
180	100		
182	79.8	47.4	142.2
145	12.2	16.9	50.7#

