

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085467.D
 Acq On : 16 Jan 2025 13:30
 Operator : JC\MD
 Sample : VN0116WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

Quant Time: Jan 17 01:02:59 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)

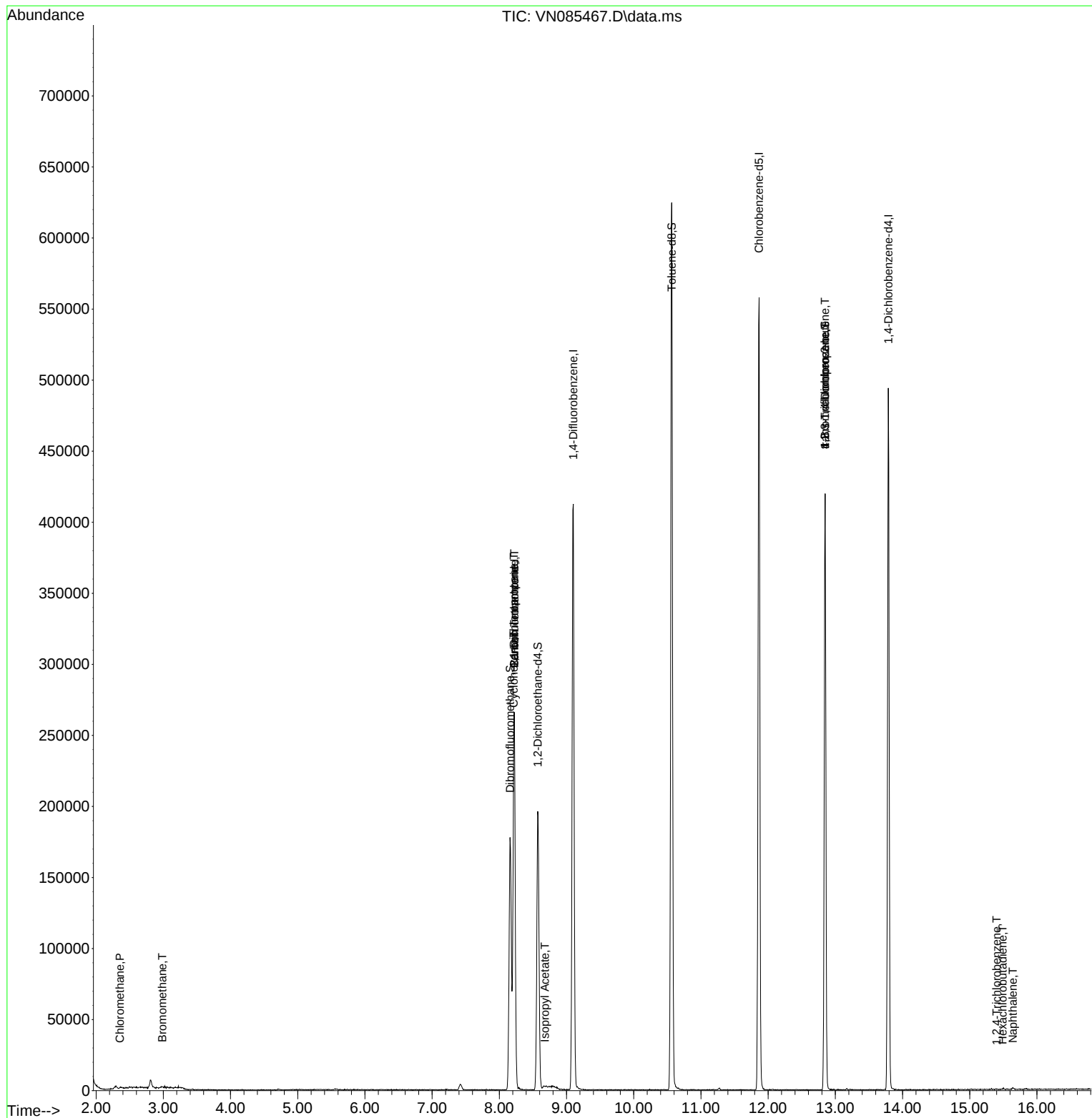
Internal Standards						
1) Pentafluorobenzene	8.224	168	181190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	167918	57.412	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.820%		
35) Dibromofluoromethane	8.159	113	124969	53.138	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.280%		
50) Toluene-d8	10.565	98	419224	50.171	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.340%		
62) 4-Bromofluorobenzene	12.847	95	136837	47.873	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	543	0.204	ug/l #	41
5) Bromomethane	2.983	94	670	0.415	ug/l #	62
31) Cyclohexane	8.212	56	4994	1.345	ug/l #	3
36) 1,1-Dichloropropene	8.218	75	17681	5.357	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19921	5.272	ug/l #	17
43) Isopropyl Acetate	8.677	43	1828	0.342	ug/l #	55
76) 1,2,3-Trichloropropane	12.847	75	78484	31.173	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78484	84.340	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.400	180	392	0.210	ug/l #	51
94) Hexachlorobutadiene	15.488	225	390	0.394	ug/l #	51
95) Naphthalene	15.641	128	1707	0.307	ug/l #	74

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
Data File : VN085467.D
Acq On : 16 Jan 2025 13:30
Operator : JC\MD
Sample : VN0116WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

Quant Time: Jan 17 01:02:59 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

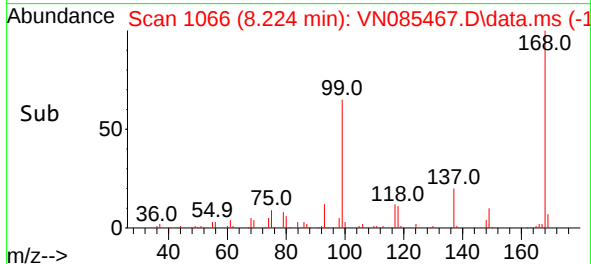
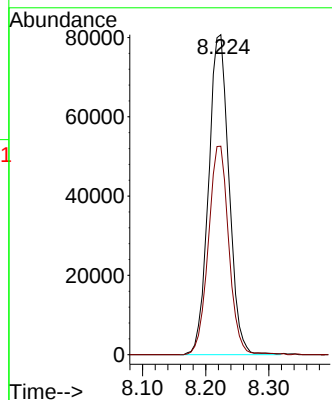
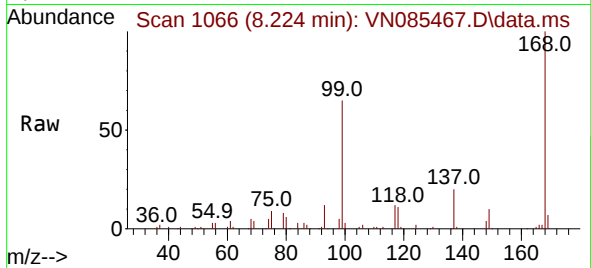




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

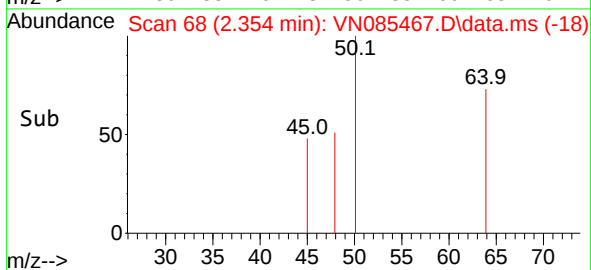
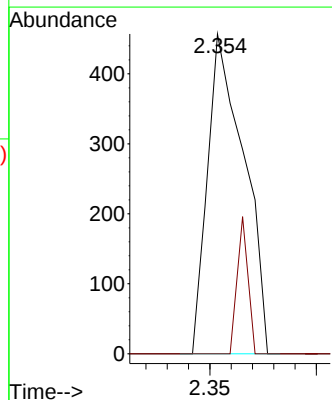
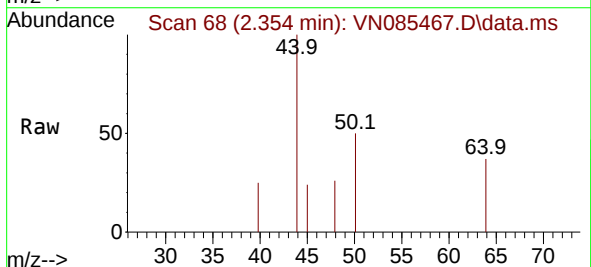
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

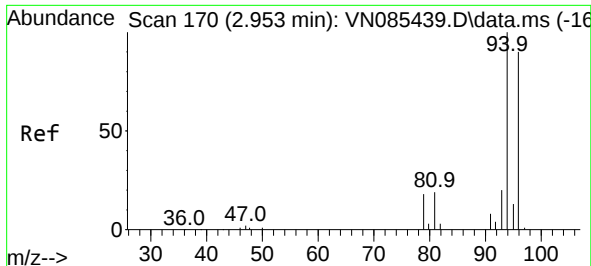
Tgt Ion:168 Resp: 181190
Ion Ratio Lower Upper
168 100
99 65.1 53.6 80.4



#3
Chloromethane
Concen: 0.204 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

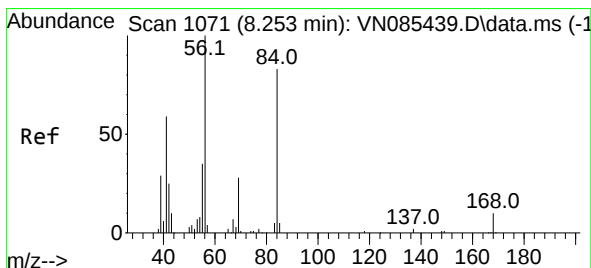
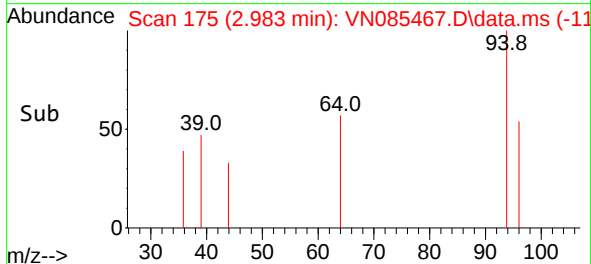
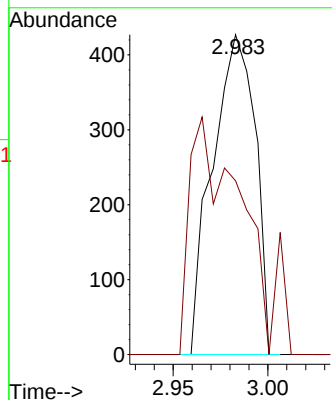
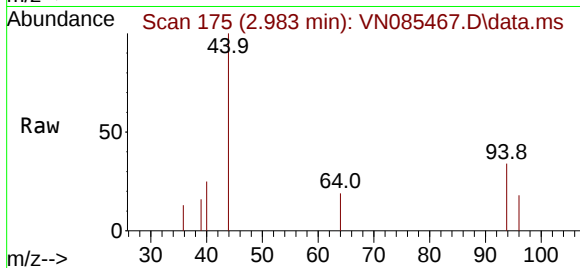




#5
Bromomethane
Concen: 0.415 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

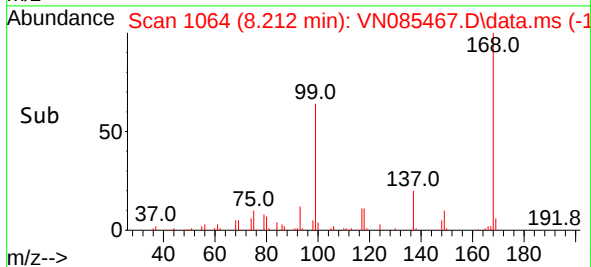
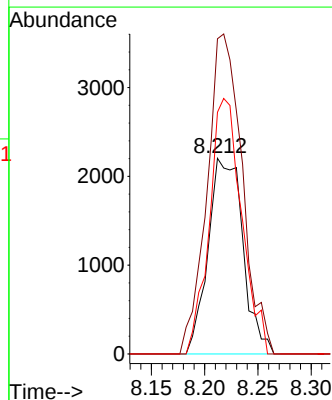
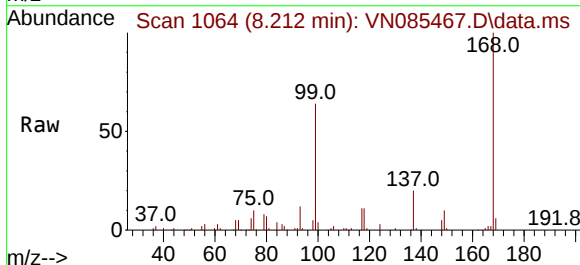
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

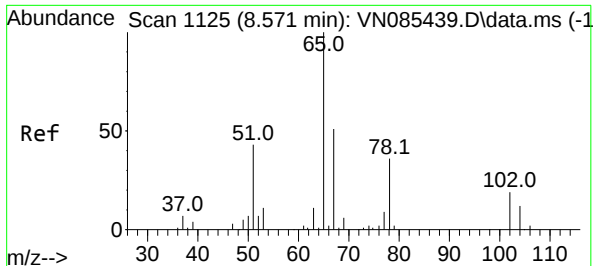
Tgt Ion: 94 Resp: 670
Ion Ratio Lower Upper
94 100
96 54.3 71.8 107.6#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

Tgt Ion: 56 Resp: 4994
Ion Ratio Lower Upper
56 100
69 161.0 22.2 33.4#
84 123.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.412 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085467.D

Acq: 16 Jan 2025 13:30

Instrument :

MSVOA_N

ClientSampleId :

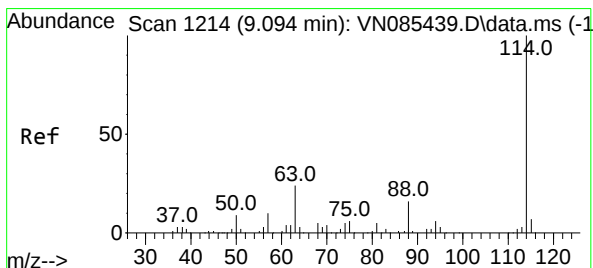
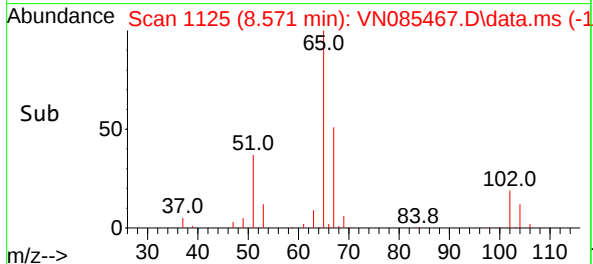
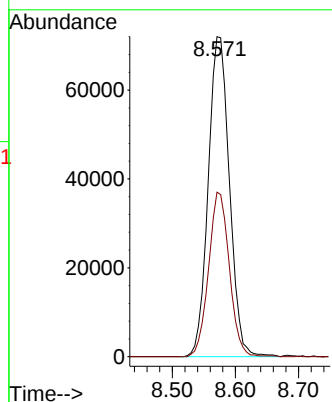
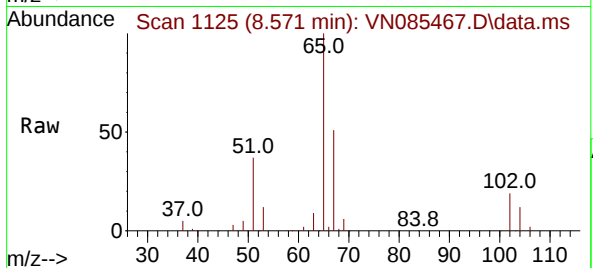
VN0116WBL01

Tgt Ion: 65 Resp: 167918

Ion Ratio Lower Upper

65 100

67 50.4 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: VN085467.D

Acq: 16 Jan 2025 13:30

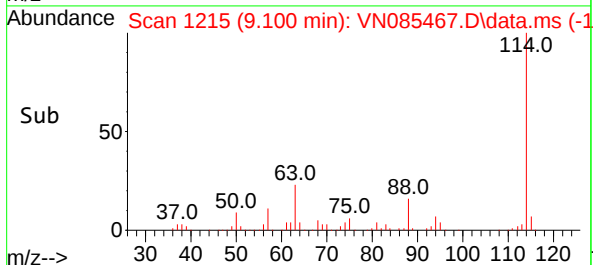
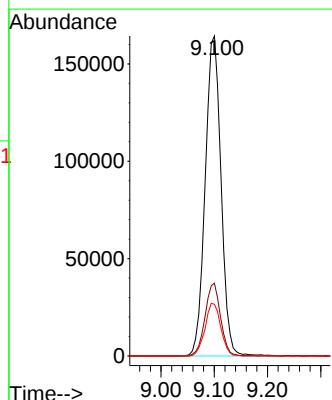
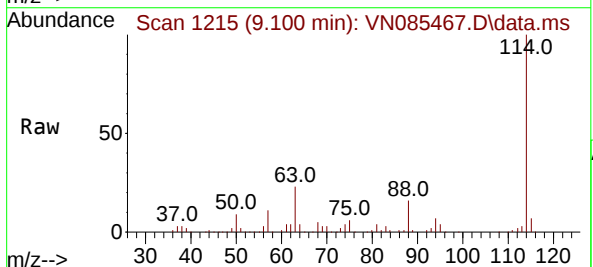
Tgt Ion: 114 Resp: 338995

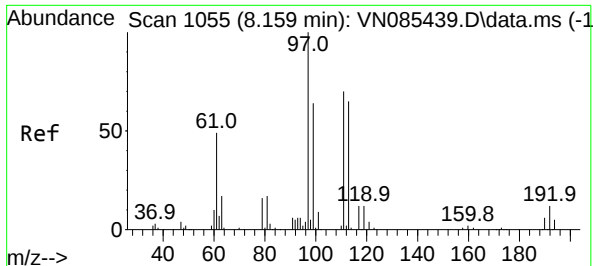
Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.6

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.138 ug/l

RT: 8.159 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085467.D

Acq: 16 Jan 2025 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBL01

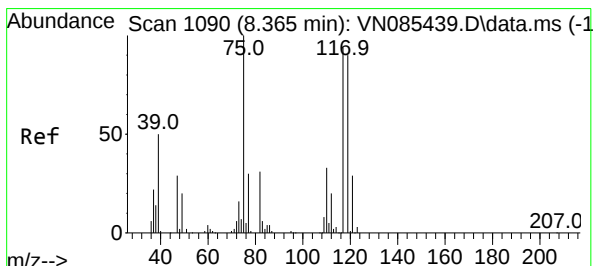
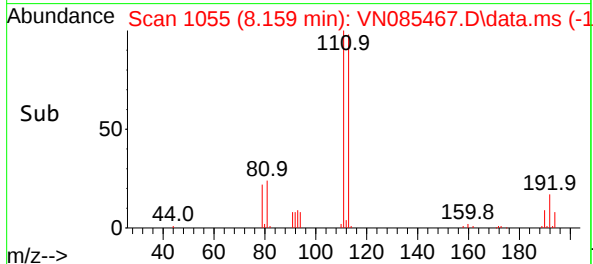
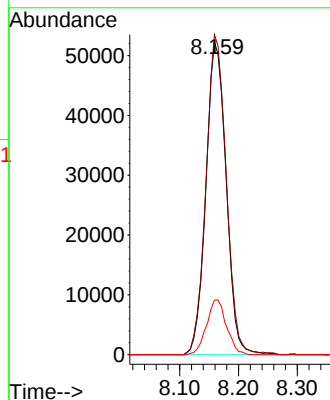
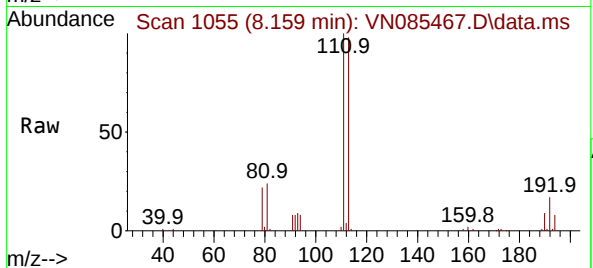
Tgt Ion:113 Resp: 124969

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.357 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085467.D

Acq: 16 Jan 2025 13:30

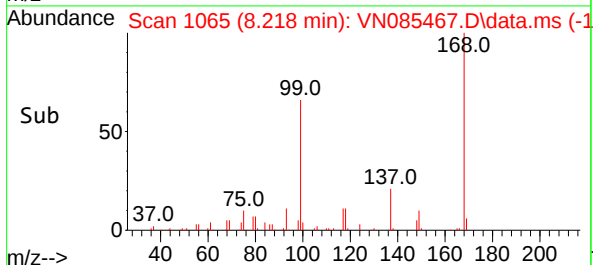
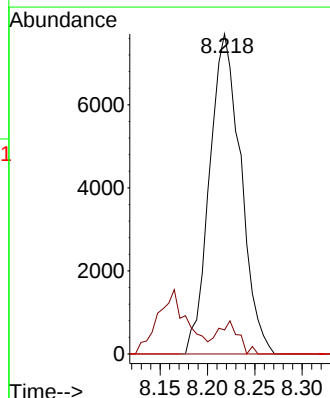
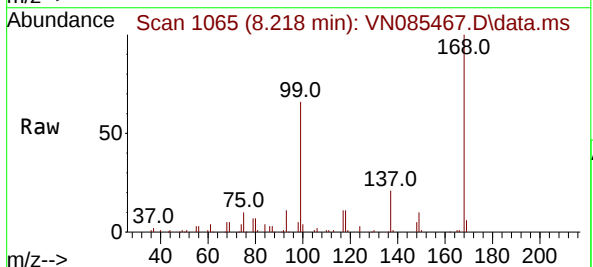
Tgt Ion: 75 Resp: 17681

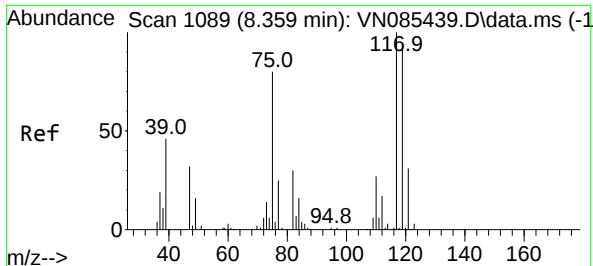
Ion Ratio Lower Upper

75 100

110 7.0 16.5 49.5#

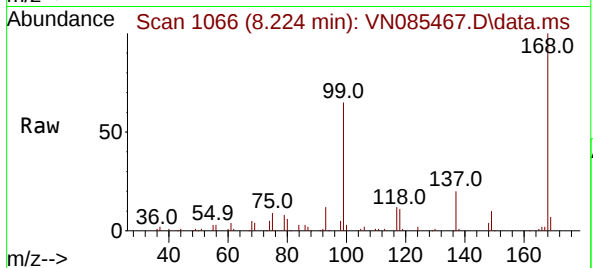
77 0.0 24.4 36.6#



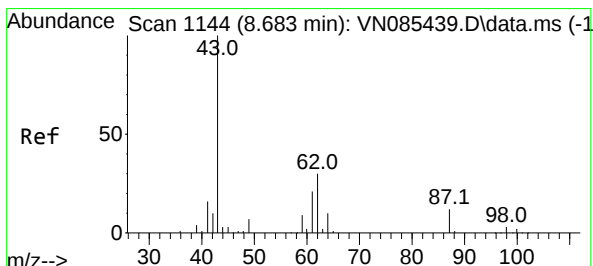
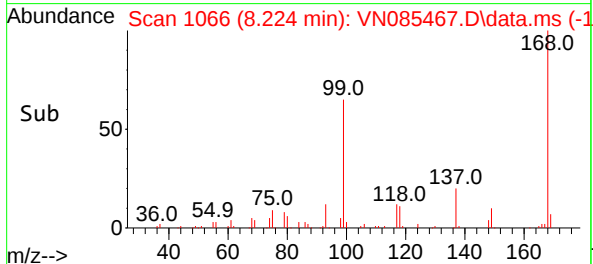
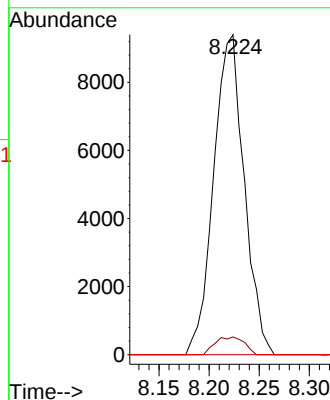


#38
Carbon Tetrachloride
Concen: 5.272 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

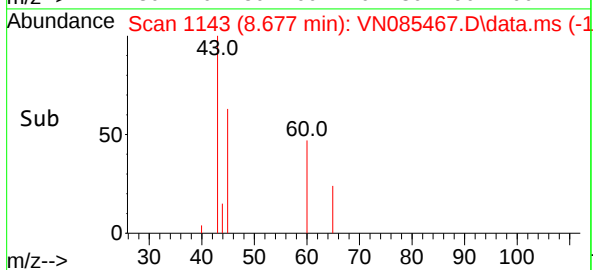
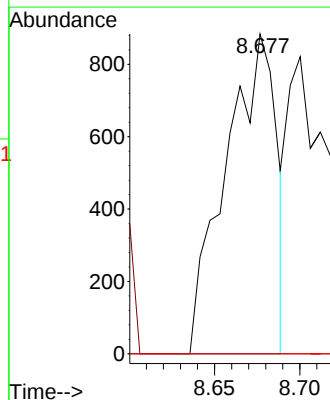
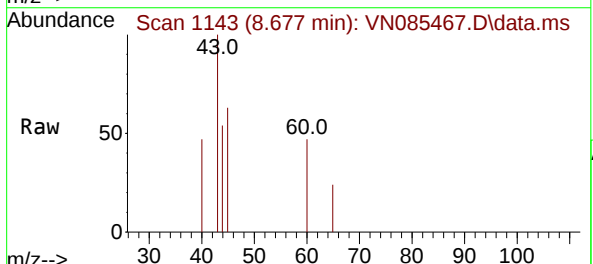


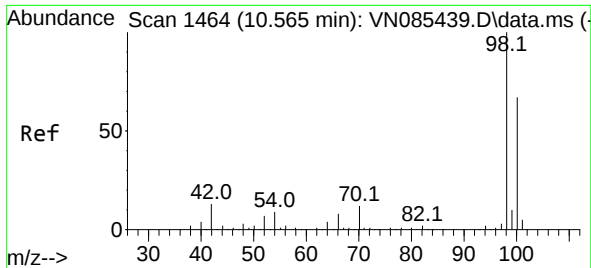
Tgt Ion:117 Resp: 19921
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.342 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

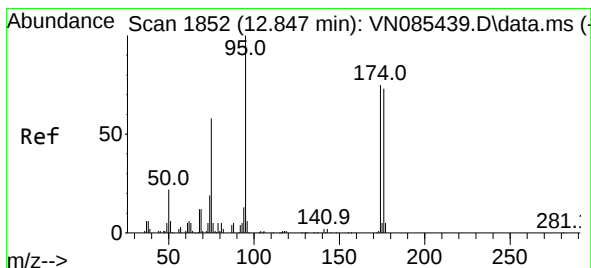
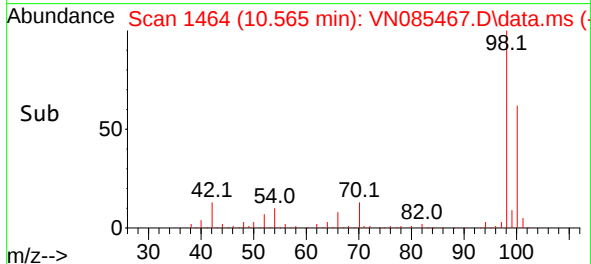
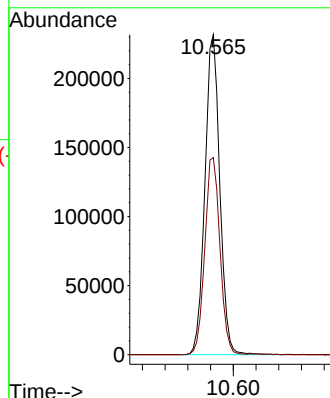
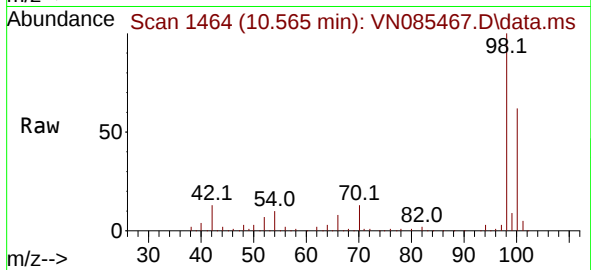




#50
Toluene-d8
Concen: 50.171 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

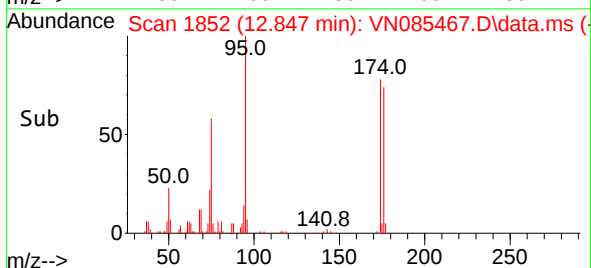
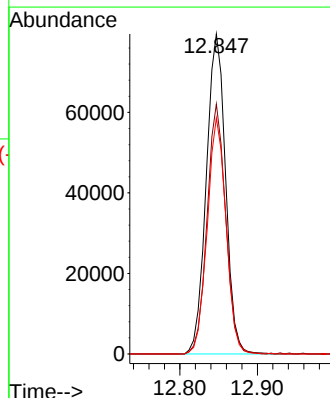
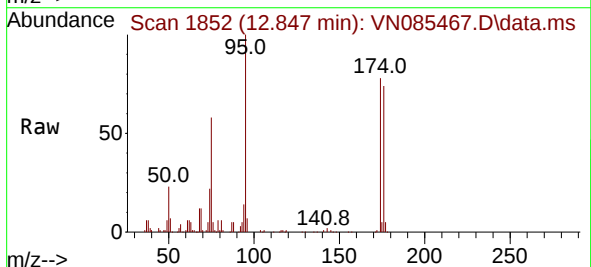
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

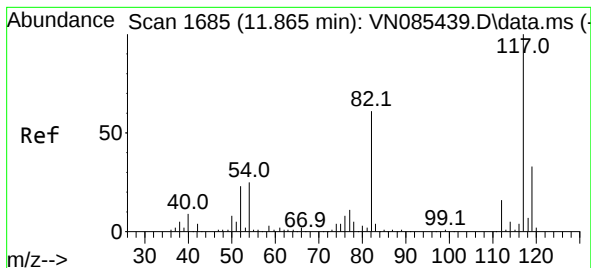
Tgt Ion: 98 Resp: 419224
Ion Ratio Lower Upper
98 100
100 62.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

Tgt Ion: 95 Resp: 136837
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.0
176 72.0 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: VN085467.D

Acq: 16 Jan 2025 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBL01

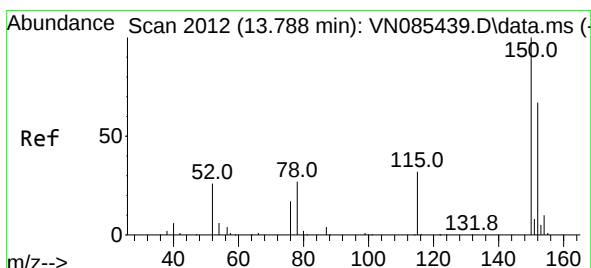
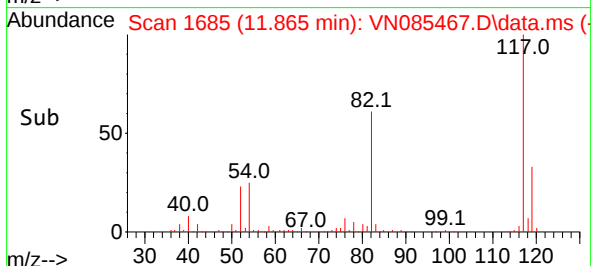
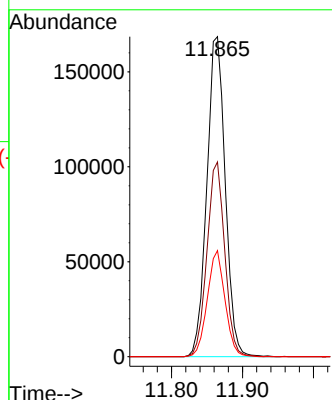
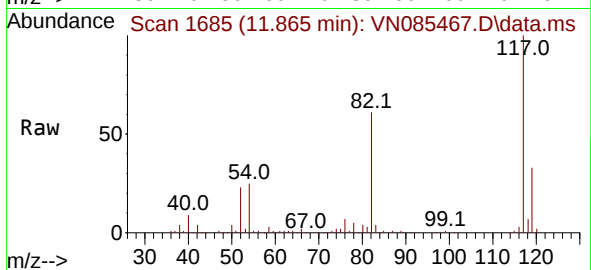
Tgt Ion:117 Resp: 304427

Ion Ratio Lower Upper

117 100

82 60.8 48.6 72.8

119 33.2 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: VN085467.D

Acq: 16 Jan 2025 13:30

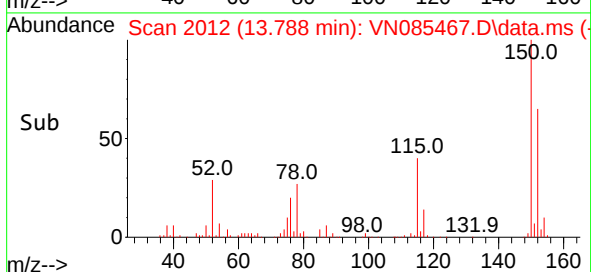
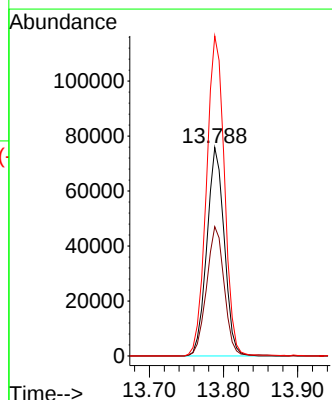
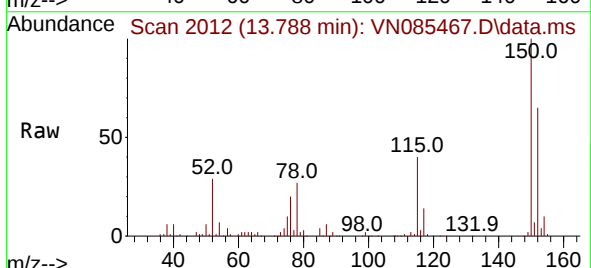
Tgt Ion:152 Resp: 123871

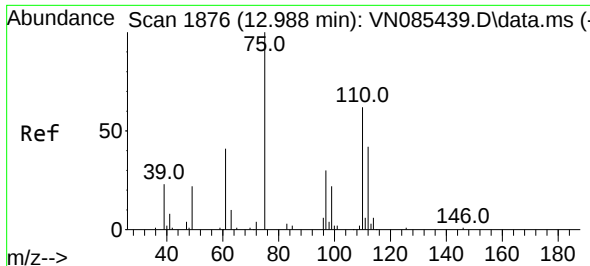
Ion Ratio Lower Upper

152 100

115 62.8 31.1 93.3

150 158.4 0.0 343.6

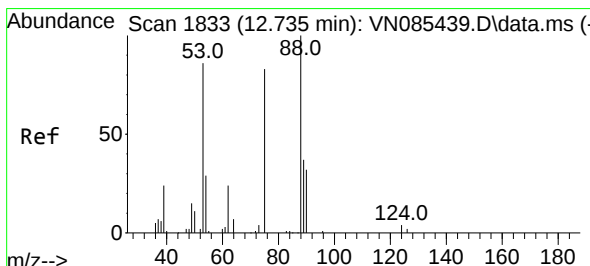
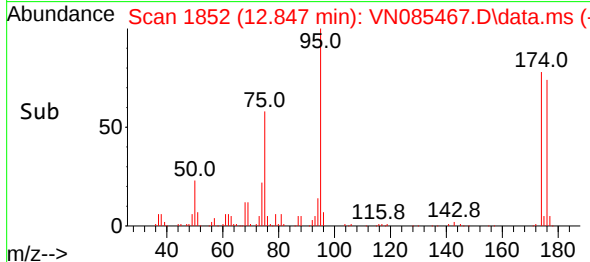
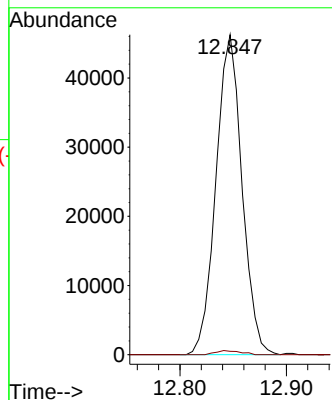
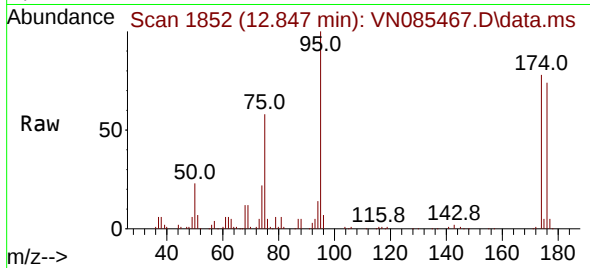




#76
1,2,3-Trichloropropane
Concen: 31.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

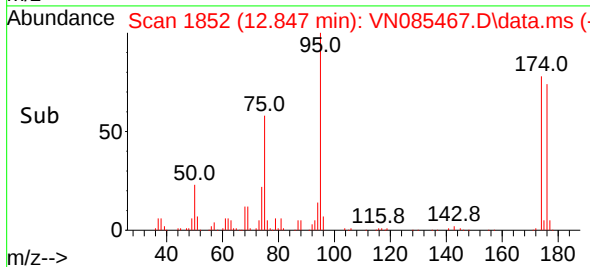
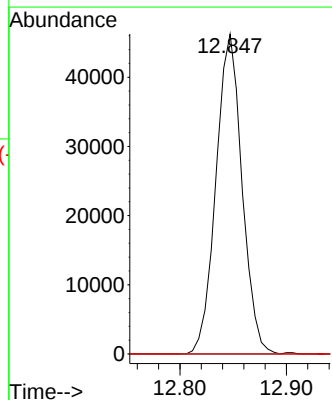
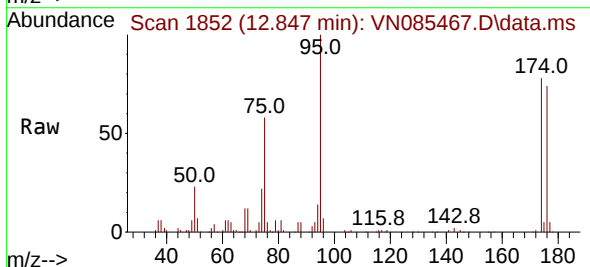
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

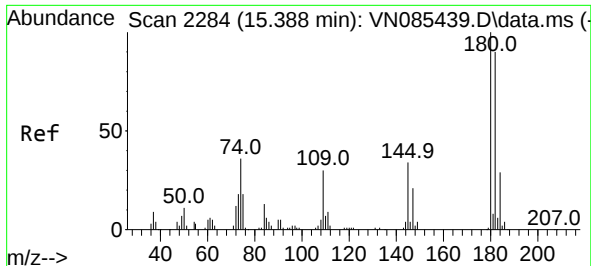
Tgt Ion: 75 Resp: 78484
Ion Ratio Lower Upper
75 100
77 1.2 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.340 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

Tgt Ion: 75 Resp: 78484
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#

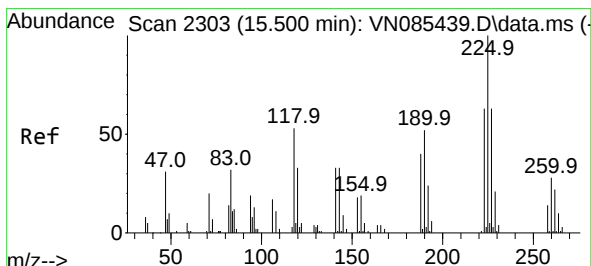
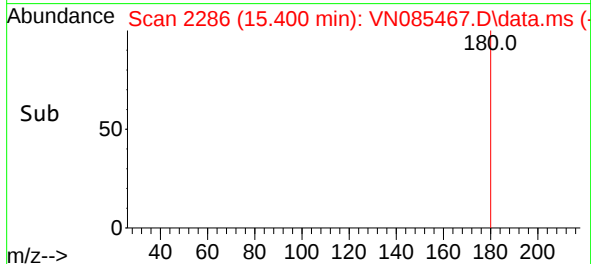
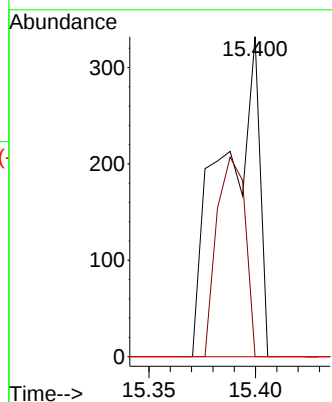
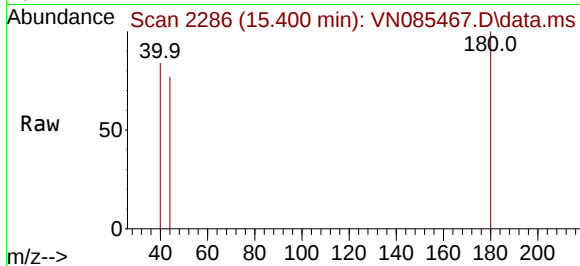




#93
 1,2,4-Trichlorobenzene
 Concen: 0.210 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN085467.D
 Acq: 16 Jan 2025 13:30

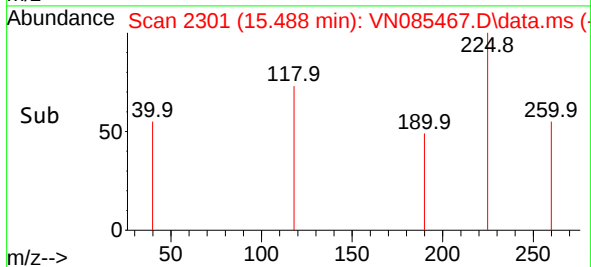
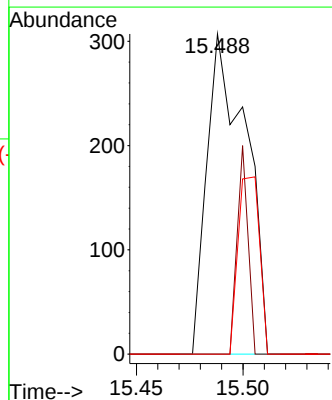
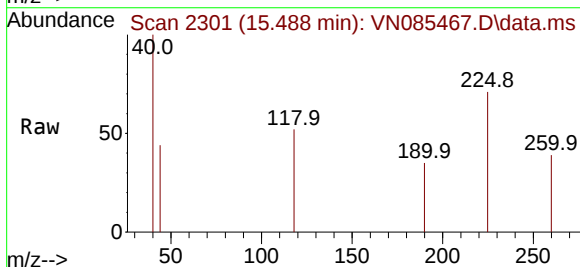
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

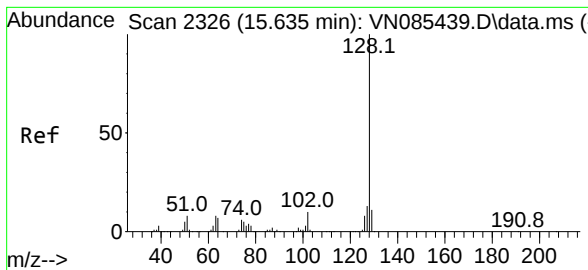
Tgt Ion:180 Resp: 392
 Ion Ratio Lower Upper
 180 100
 182 49.0 46.8 140.3
 145 0.0 16.0 48.0#



#94
 Hexachlorobutadiene
 Concen: 0.394 ug/l
 RT: 15.488 min Scan# 2301
 Delta R.T. -0.012 min
 Lab File: VN085467.D
 Acq: 16 Jan 2025 13:30

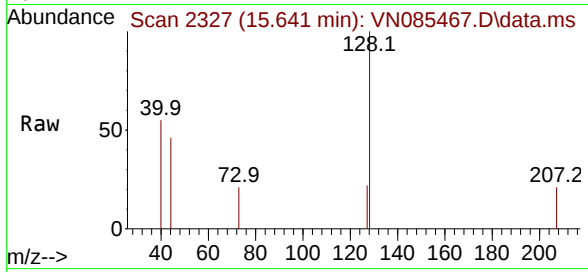
Tgt Ion:225 Resp: 390
 Ion Ratio Lower Upper
 225 100
 223 18.2 30.7 92.1#
 227 30.5 30.9 92.5#





#95
Naphthalene
Concen: 0.307 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085467.D
Acq: 16 Jan 2025 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01



Tgt Ion:	128	Resp:	1707
Ion	Ratio	Lower	Upper
128	100		
127	3.7	10.6	16.0#
129	0.0	8.8	13.2#

