

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085381.D
 Acq On : 06 Jan 2025 11:34
 Operator : JC\MD
 Sample : VN0106MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 07 00:20:02 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)

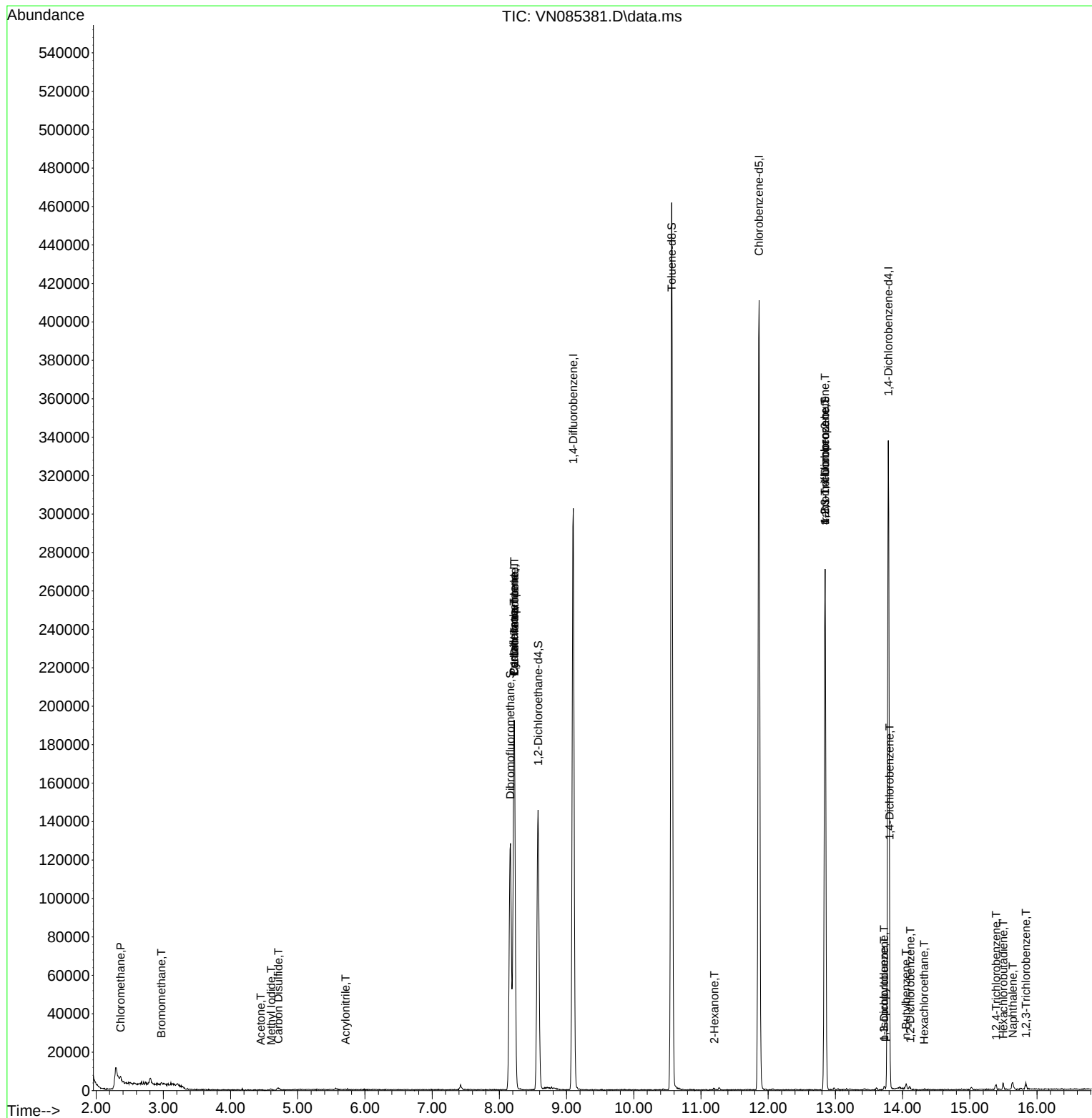
Internal Standards						
1) Pentafluorobenzene	8.218	168	131686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118523	63.104	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 126.200%#		
35) Dibromofluoromethane	8.165	113	91361	58.572	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 117.140%		
50) Toluene-d8	10.565	98	307975	53.806	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.620%		
62) 4-Bromofluorobenzene	12.847	95	88667	46.644	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.280%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	826	0.413	ug/l #	43
5) Bromomethane	2.971	94	513	0.371	ug/l #	44
10) Methyl Iodide	4.606	142	682	0.372	ug/l #	40
15) Acrylonitrile	5.712	53	210	0.284	ug/l #	47
16) Acetone	4.447	43	241	0.390	ug/l #	44
17) Carbon Disulfide	4.712	76	2441	0.548	ug/l #	75
31) Cyclohexane	8.218	56	3720	1.340	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	12520	5.482	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15156	6.088	ug/l #	15
59) 2-Hexanone	11.200	43	603	0.414	ug/l #	58
76) 1,2,3-Trichloropropane	12.847	75	50662	31.511	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50662	75.464	ug/l #	10
86) p-Isopropyltoluene	13.723	119	925	0.374	ug/l #	67
87) 1,3-Dichlorobenzene	13.723	146	606	0.218	ug/l #	76
88) 1,4-Dichlorobenzene	13.806	146	1025	0.359	ug/l #	1
89) n-Butylbenzene	14.053	91	1765	0.400	ug/l	90
90) Hexachloroethane	14.323	117	210	0.213	ug/l #	20
91) 1,2-Dichlorobenzene	14.117	146	751	0.284	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	1275	0.964	ug/l	88
94) Hexachlorobutadiene	15.500	225	561	0.854	ug/l #	59
95) Naphthalene	15.641	128	4816	1.074	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.835	180	1565	1.185	ug/l	86

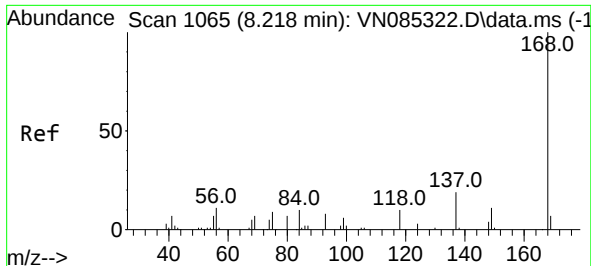
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
Data File : VN085381.D
Acq On : 06 Jan 2025 11:34
Operator : JC\MD
Sample : VN0106MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

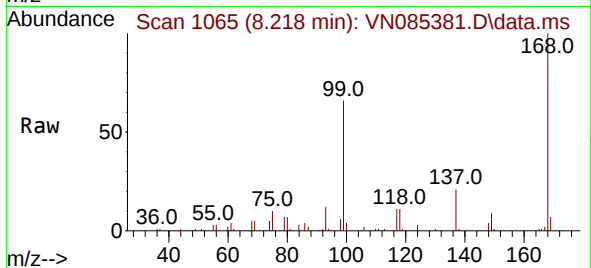
Quant Time: Jan 07 00:20:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



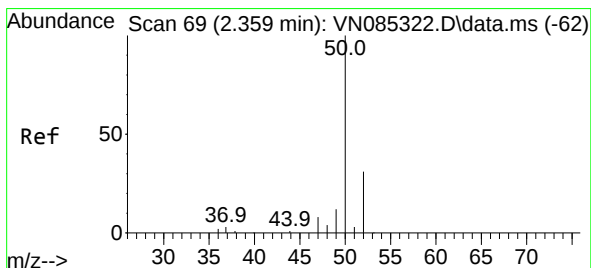
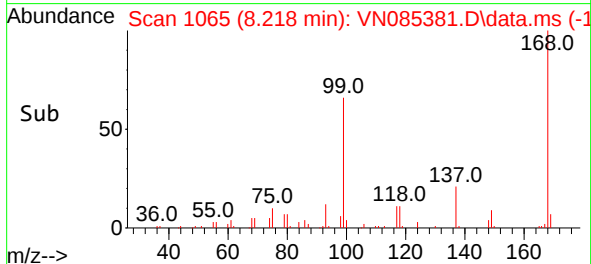
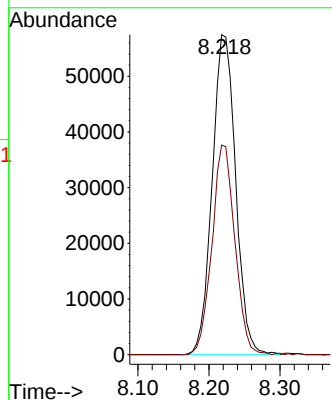


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

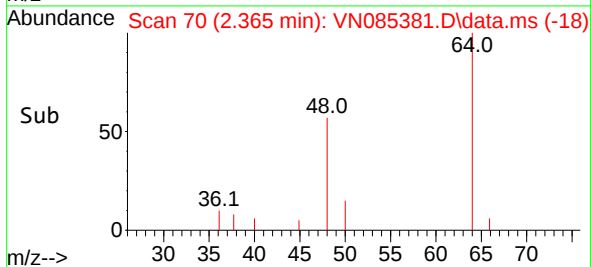
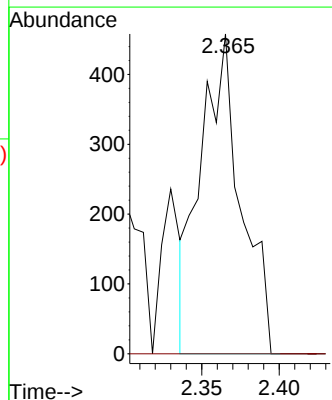
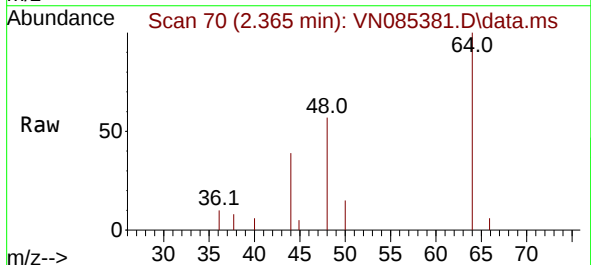


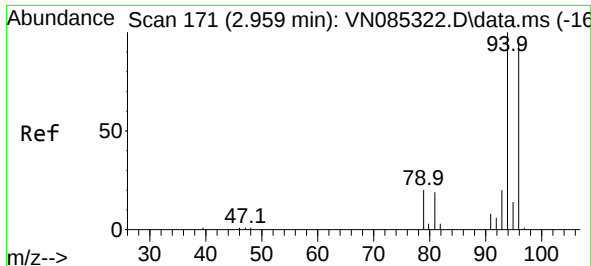
Tgt Ion:168 Resp: 131686
Ion Ratio Lower Upper
168 100
99 65.5 51.0 76.4



#3
Chloromethane
Concen: 0.413 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

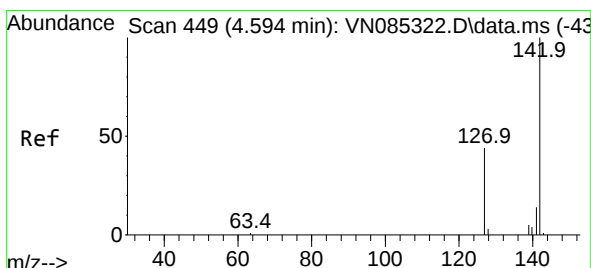
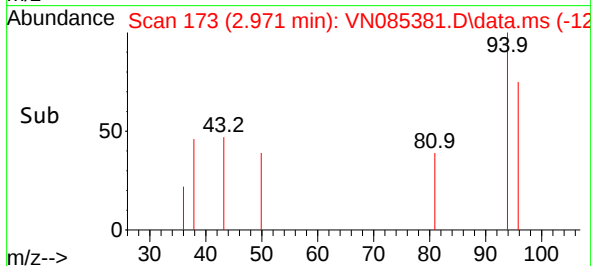
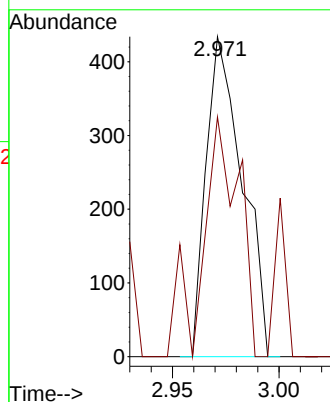
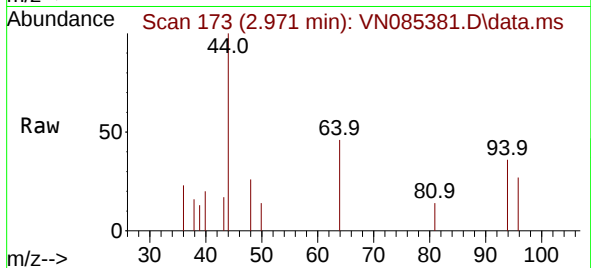




#5
Bromomethane
Concen: 0.371 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

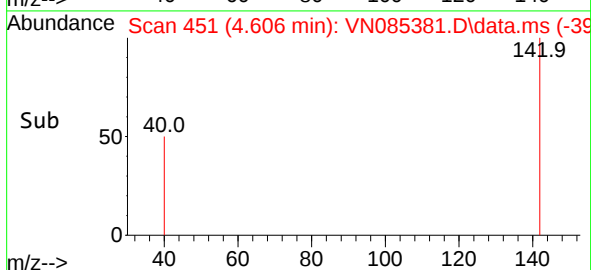
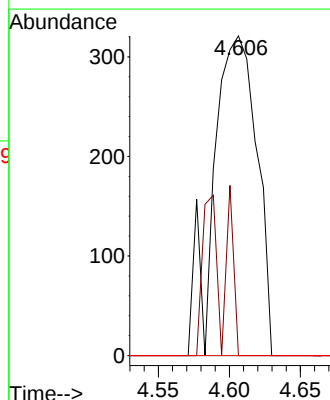
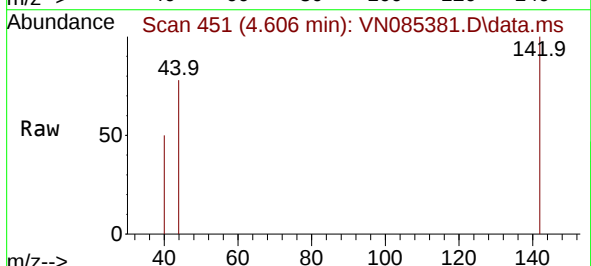
Instrument :
MSVOA_N
ClientSampleId :

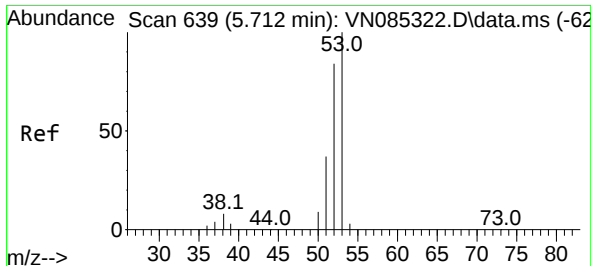
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 39.9 75.2 112.8#



#10
Methyl Iodide
Concen: 0.372 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

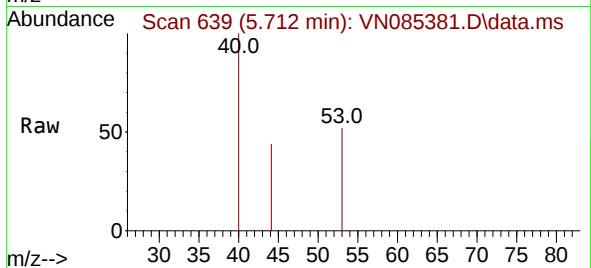
Tgt Ion: 142 Resp: 682
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.5 17.3#



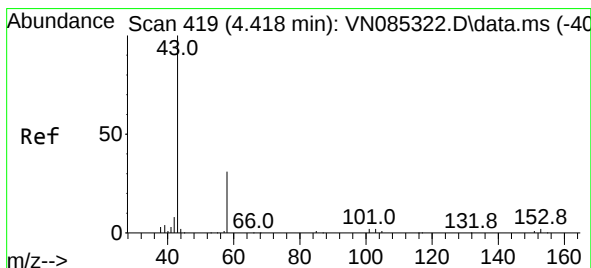
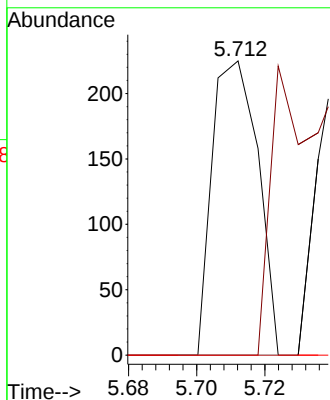
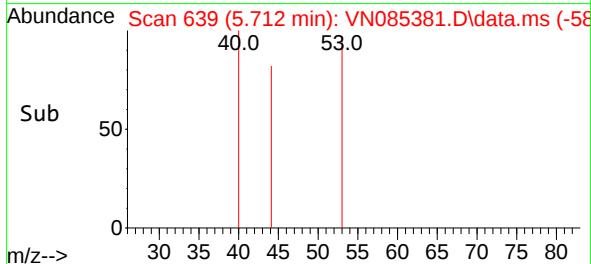


#15
Acrylonitrile
Concen: 0.284 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

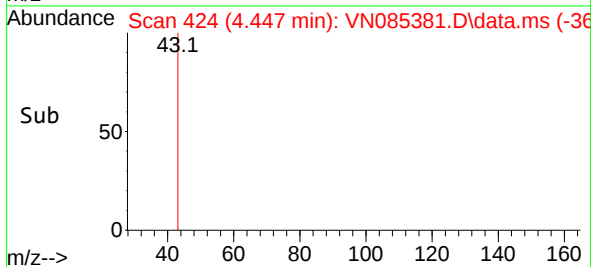
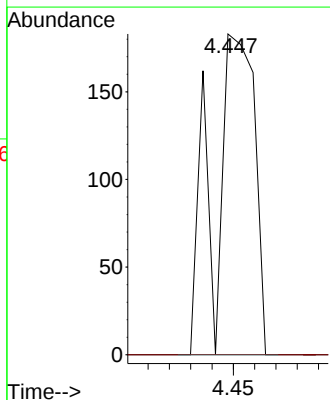
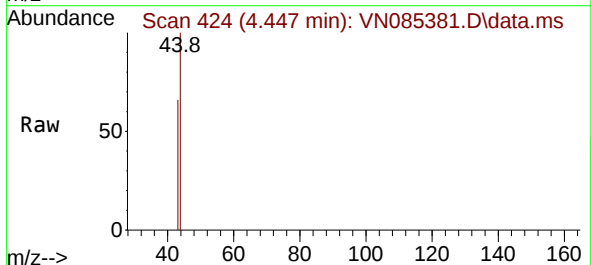


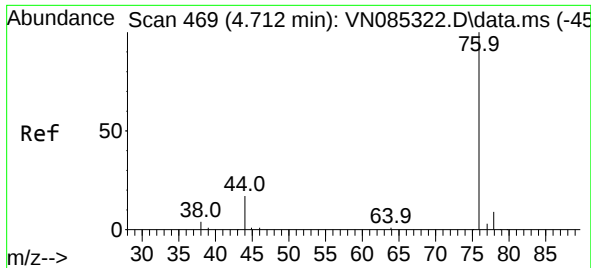
Tgt Ion: 53 Resp: 210
Ion Ratio Lower Upper
53 100
52 128.1 66.6 100.0#
51 0.0 29.6 44.4#



#16
Acetone
Concen: 0.390 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.030 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

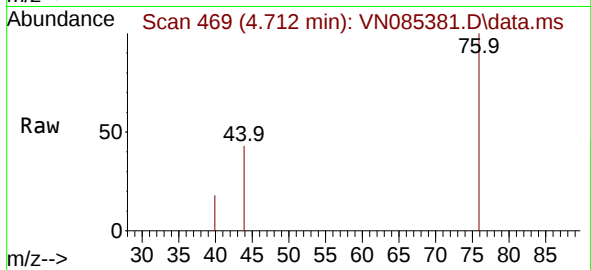
Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



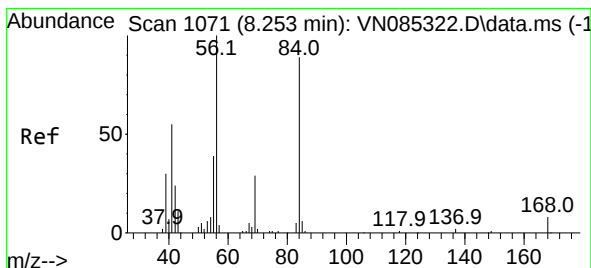
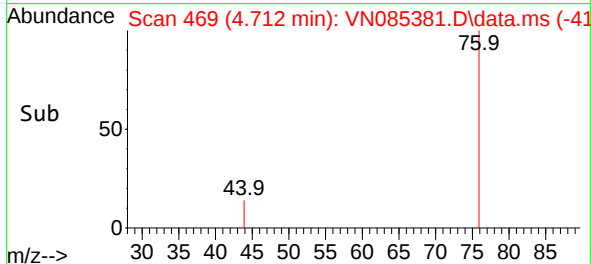
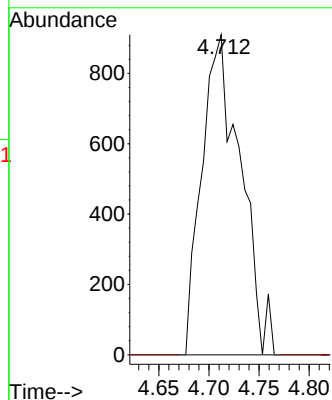


#17
Carbon Disulfide
Concen: 0.548 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

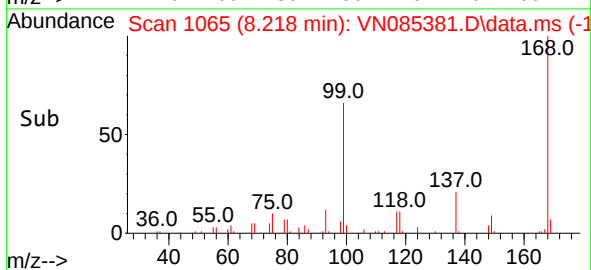
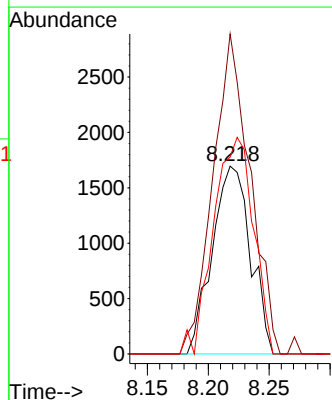
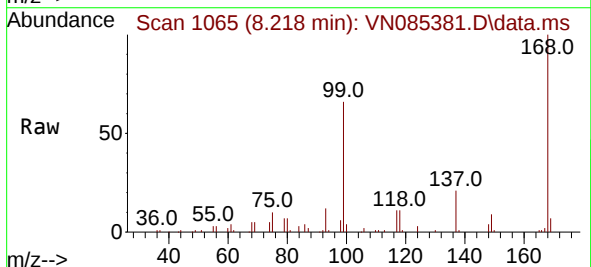


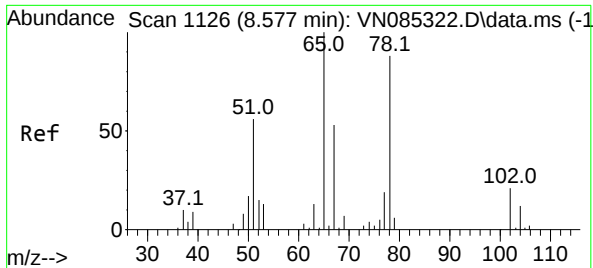
Tgt Ion: 76 Resp: 2441
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Tgt Ion: 56 Resp: 3720
Ion Ratio Lower Upper
56 100
69 170.3 23.4 35.0#
84 104.7 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 63.104 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085381.D

Acq: 06 Jan 2025 11:34

Instrument :

MSVOA_N

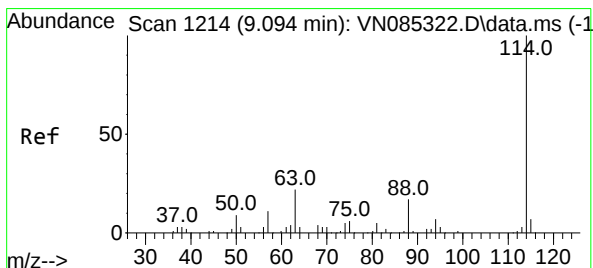
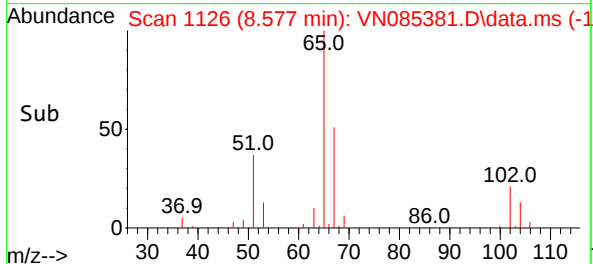
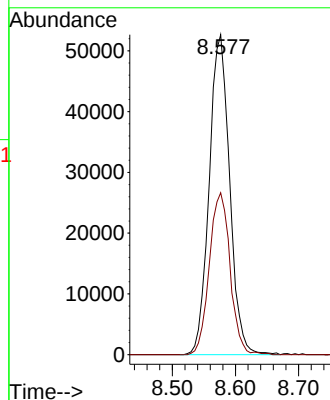
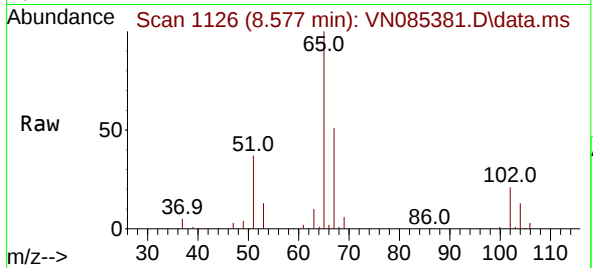
ClientSampleId :

Tgt Ion: 65 Resp: 118523

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085381.D

Acq: 06 Jan 2025 11:34

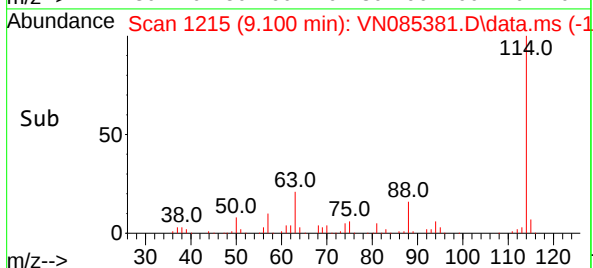
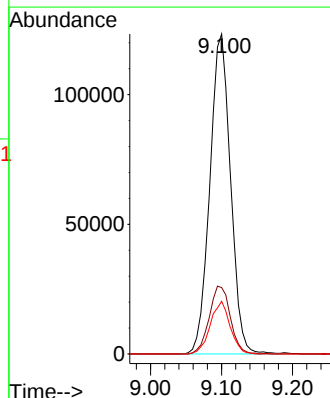
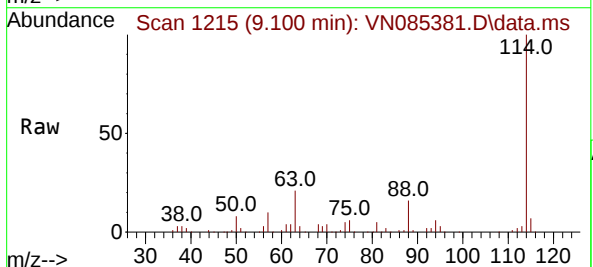
Tgt Ion: 114 Resp: 250029

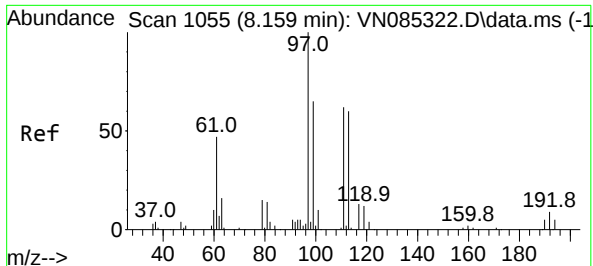
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.4

88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 58.572 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085381.D

Acq: 06 Jan 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

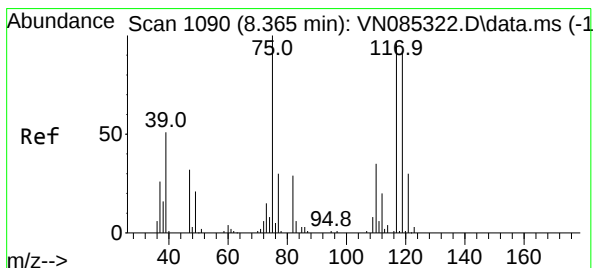
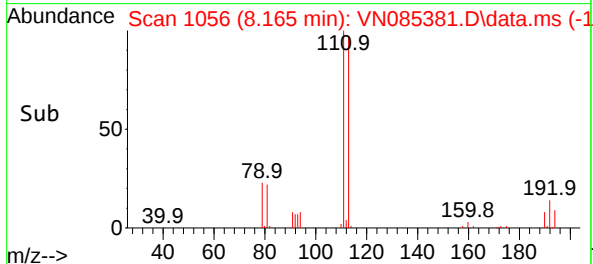
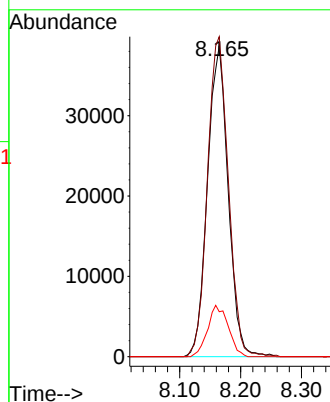
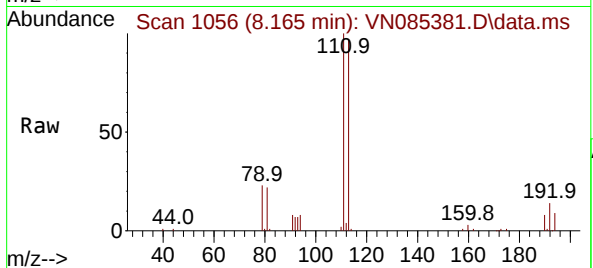
Tgt Ion:113 Resp: 91361

Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 16.5 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.482 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085381.D

Acq: 06 Jan 2025 11:34

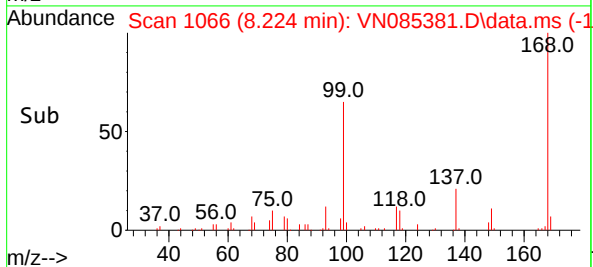
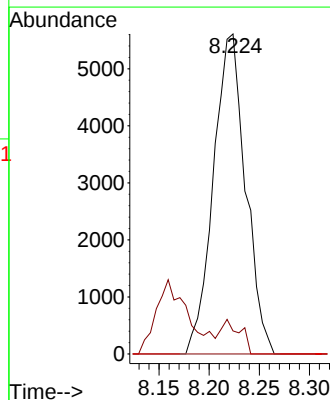
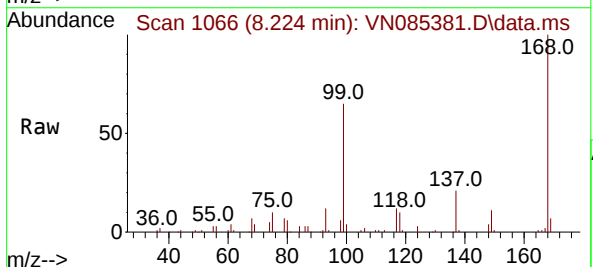
Tgt Ion: 75 Resp: 12520

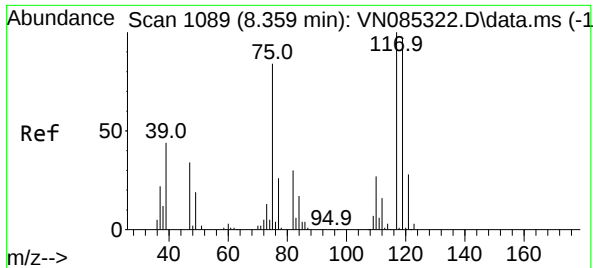
Ion Ratio Lower Upper

75 100

110 6.4 16.6 49.8#

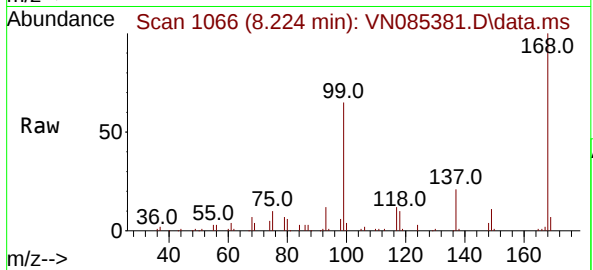
77 0.0 24.3 36.5#



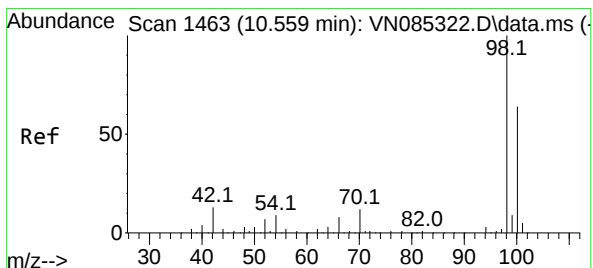
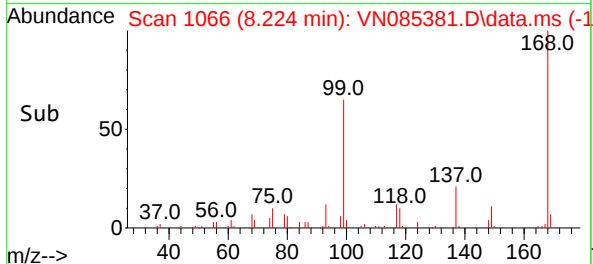
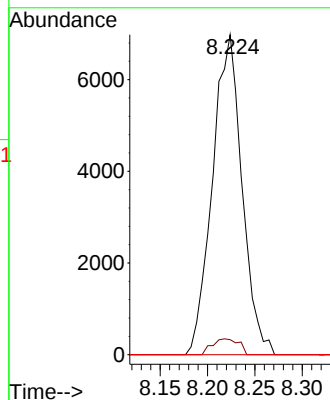


#38
Carbon Tetrachloride
Concen: 6.088 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

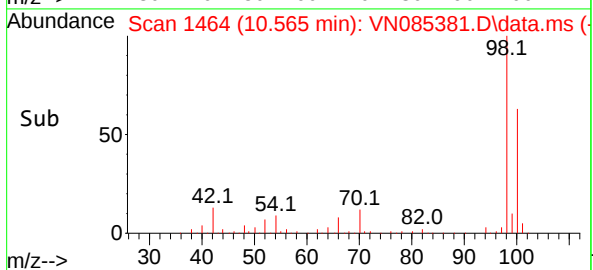
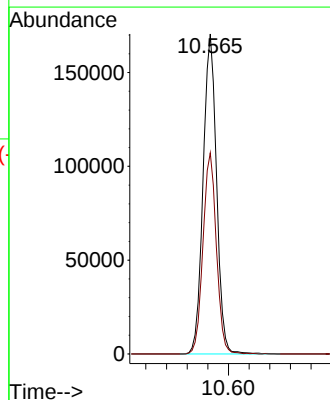
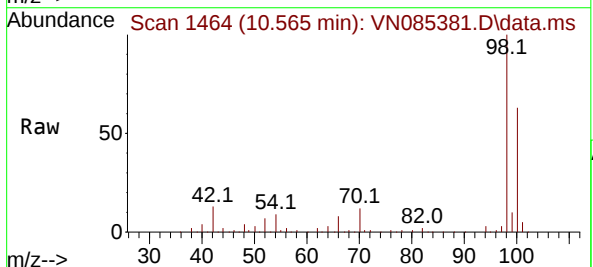


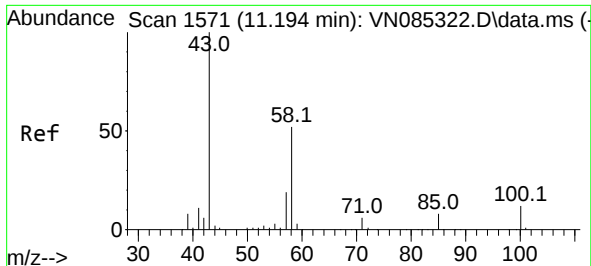
Tgt Ion:117 Resp: 15156
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 22.5 33.7#



#50
Toluene-d8
Concen: 53.806 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Tgt Ion: 98 Resp: 307975
Ion Ratio Lower Upper
98 100
100 62.5 51.5 77.3

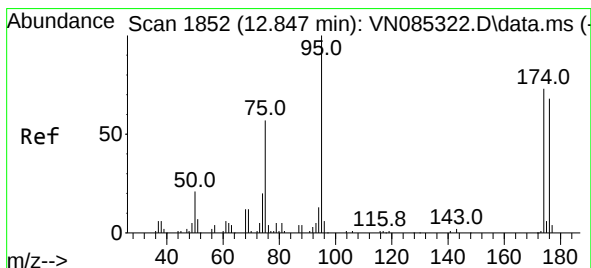
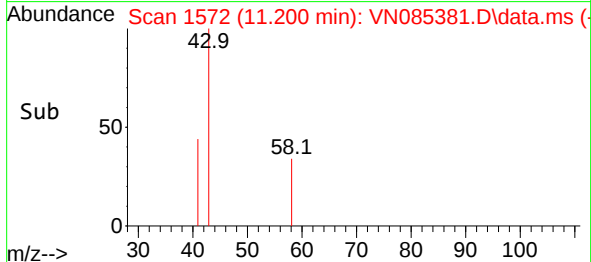
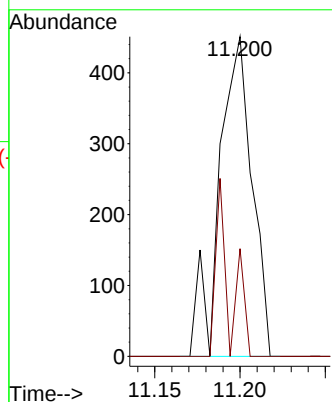
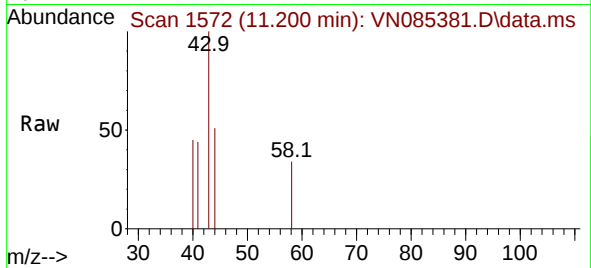




#59
2-Hexanone
Concen: 0.414 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

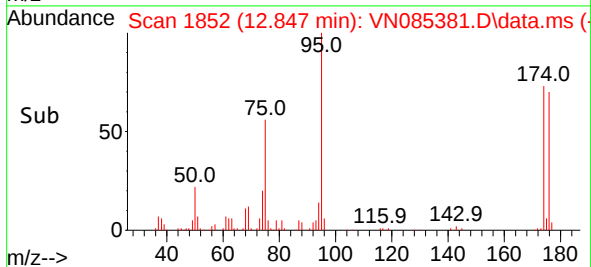
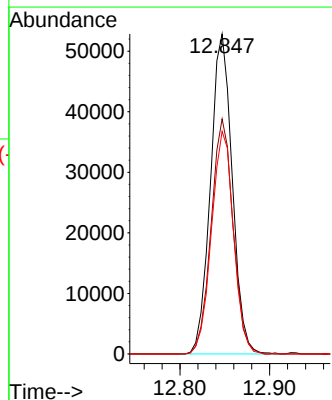
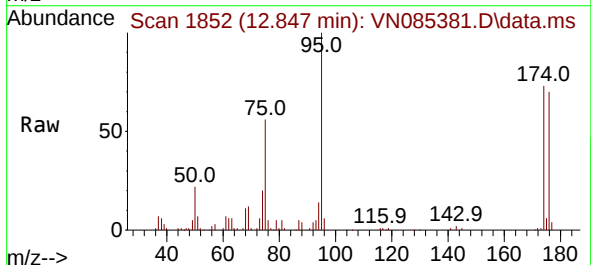
Instrument :
MSVOA_N
ClientSampleId :

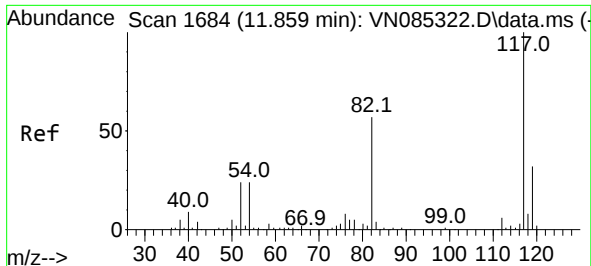
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 23.5 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 46.644 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

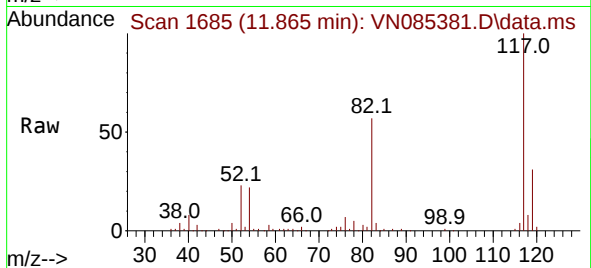
Tgt Ion: 95 Resp: 88667
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.2
176 70.6 0.0 135.8



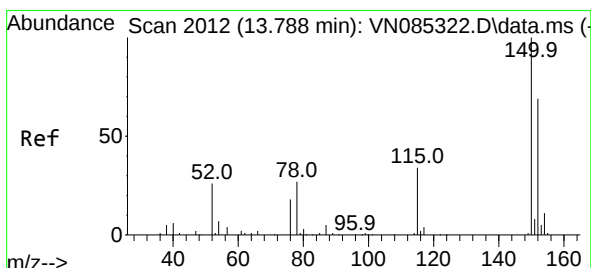
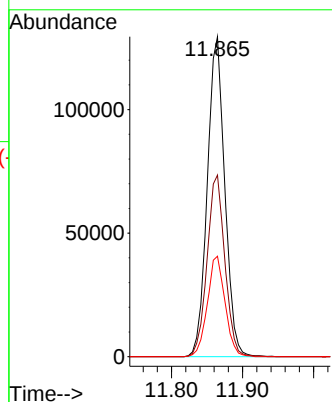
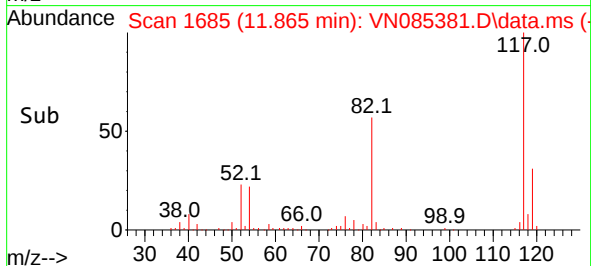


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

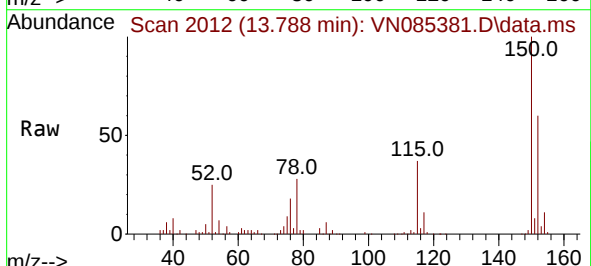
Instrument :
MSVOA_N
ClientSampleId :



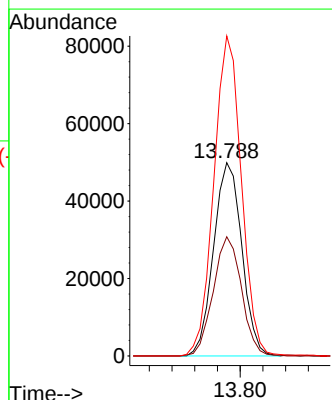
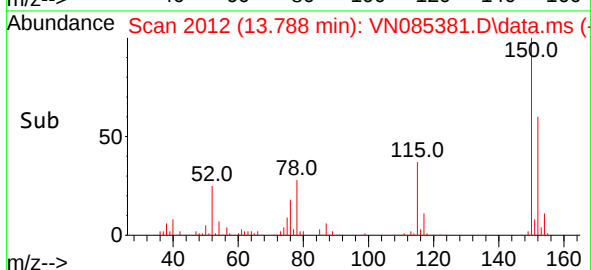
Tgt Ion:117 Resp: 221529
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 31.4 25.8 38.8

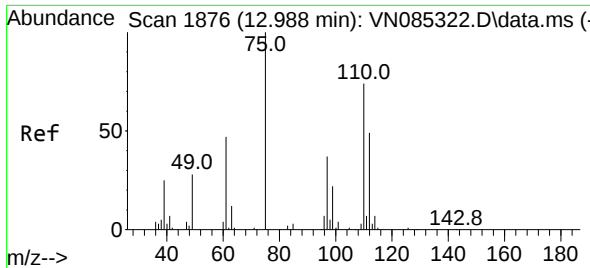


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34



Tgt Ion:152 Resp: 86097
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 162.0 0.0 345.0

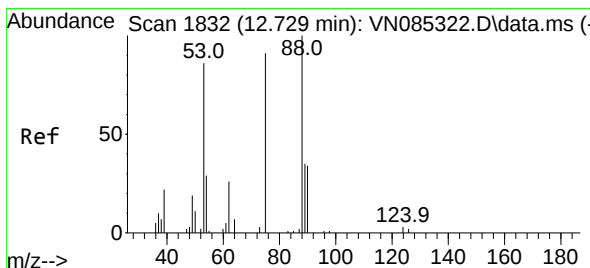
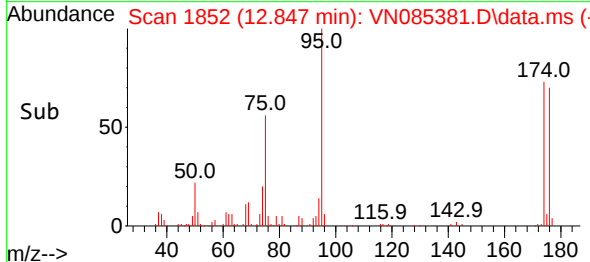
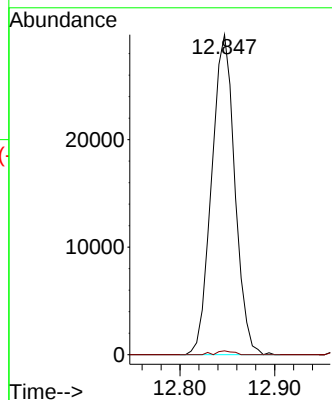
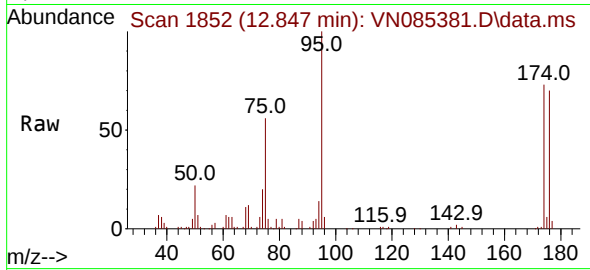




#76
 1,2,3-Trichloropropane
 Concen: 31.511 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085381.D
 Acq: 06 Jan 2025 11:34

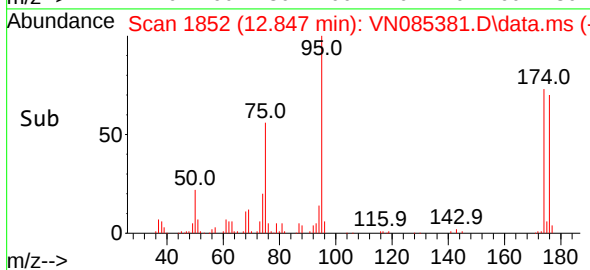
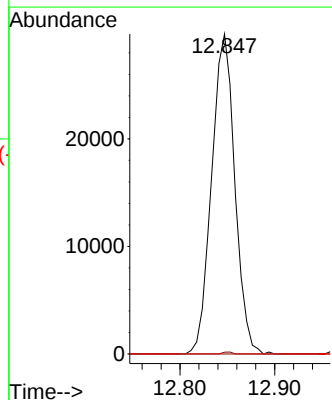
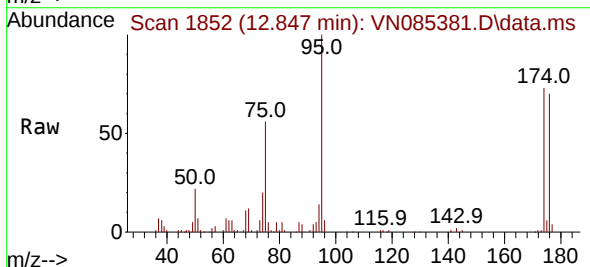
Instrument :
 MSVOA_N
 ClientSampleId :

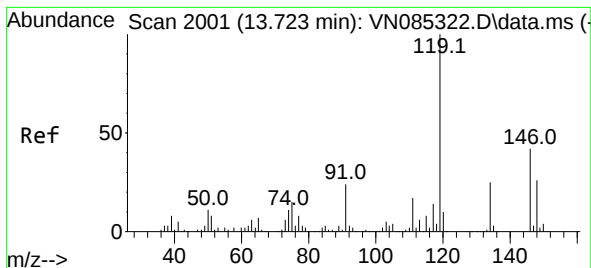
Tgt Ion: 75 Resp: 50662
 Ion Ratio Lower Upper
 75 100
 77 0.9 98.1 294.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.464 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.118 min
 Lab File: VN085381.D
 Acq: 06 Jan 2025 11:34

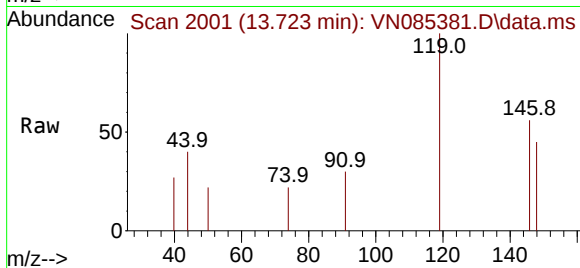
Tgt Ion: 75 Resp: 50662
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.0 120.0#
 89 0.0 35.8 53.8#



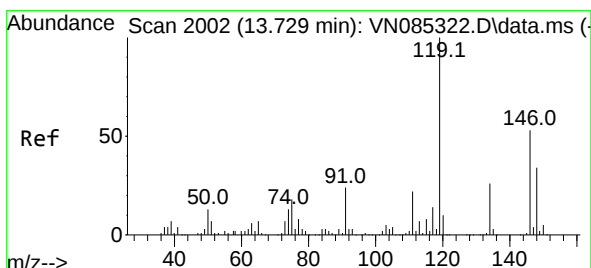
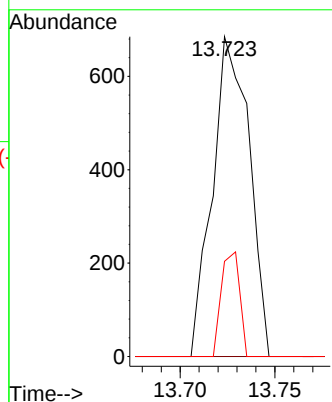
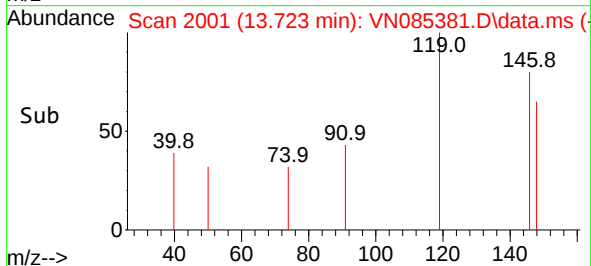


#86
 p-Isopropyltoluene
 Concen: 0.374 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085381.D
 Acq: 06 Jan 2025 11:34

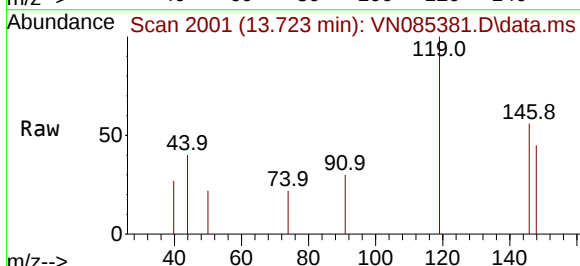
Instrument :
 MSVOA_N
 ClientSampleId :



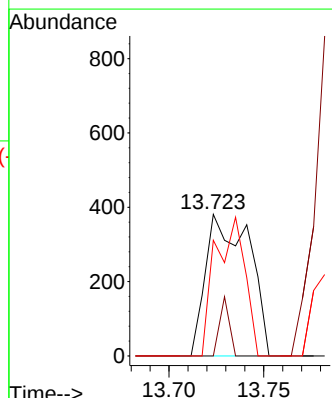
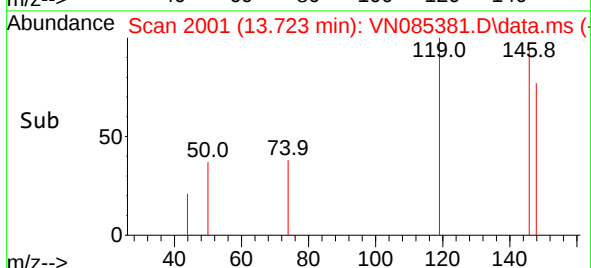
Tgt Ion:119 Resp: 925
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.5 37.5#
 91 16.3 12.2 36.4

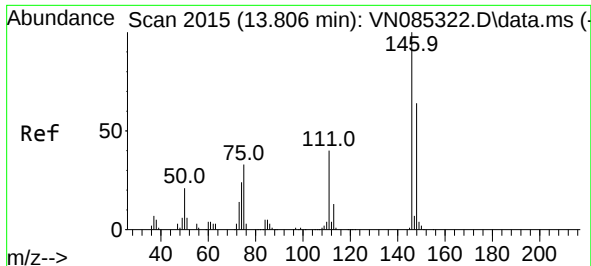


#87
 1,3-Dichlorobenzene
 Concen: 0.218 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN085381.D
 Acq: 06 Jan 2025 11:34



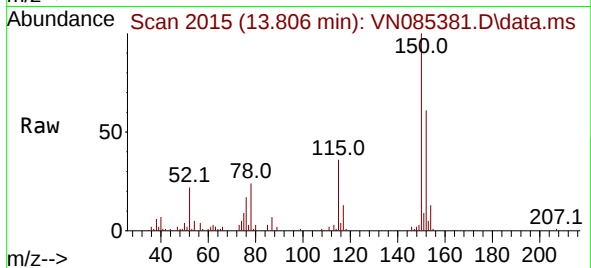
Tgt Ion:146 Resp: 606
 Ion Ratio Lower Upper
 146 100
 111 9.2 21.3 63.9#
 148 66.7 31.5 94.5



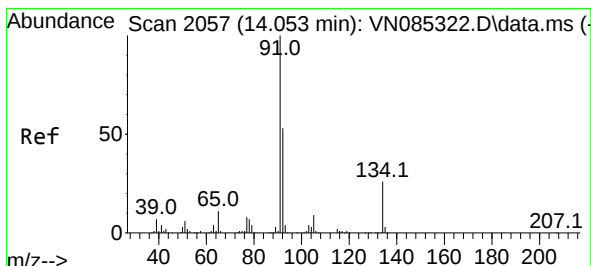
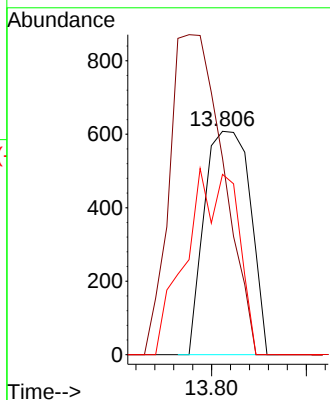
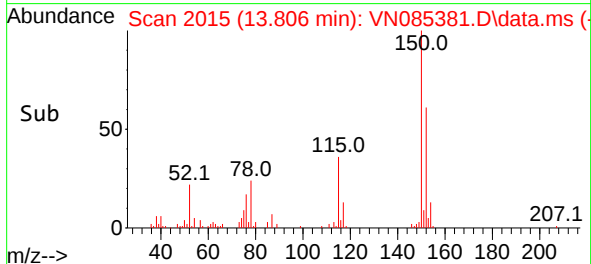


#88
1,4-Dichlorobenzene
Concen: 0.359 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

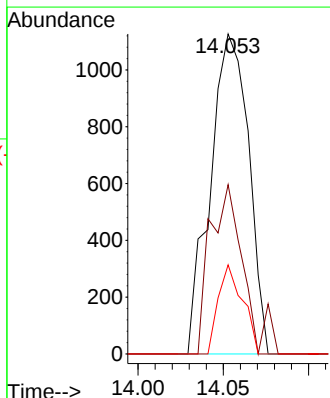
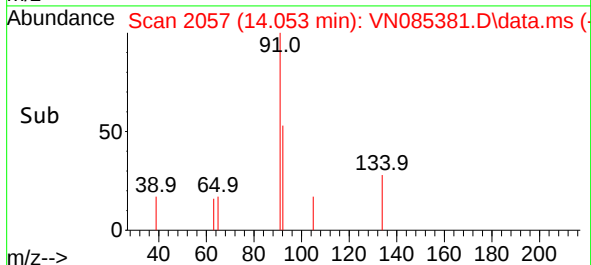
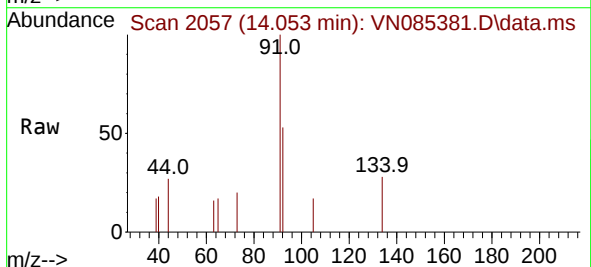


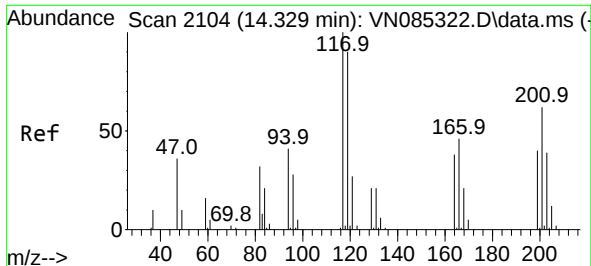
Tgt Ion:146 Resp: 1025
Ion Ratio Lower Upper
146 100
111 167.5 20.8 62.5#
148 92.7 31.7 95.1



#89
n-Butylbenzene
Concen: 0.400 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

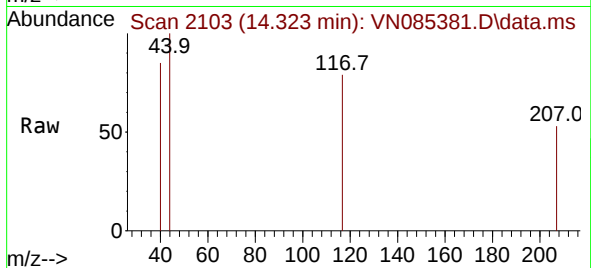
Tgt Ion: 91 Resp: 1765
Ion Ratio Lower Upper
91 100
92 46.2 26.0 78.0
134 17.7 12.1 36.3



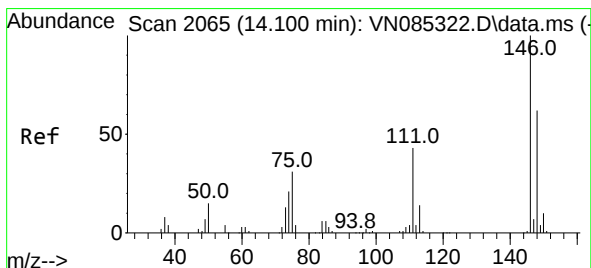
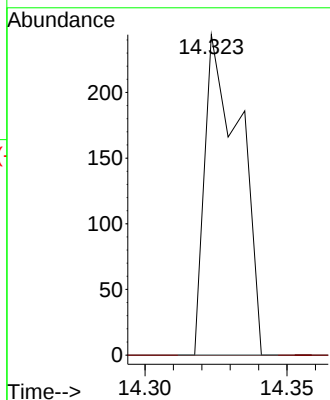
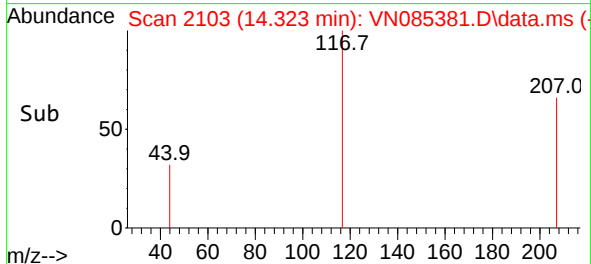


#90
Hexachloroethane
Concen: 0.213 ug/l
RT: 14.323 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

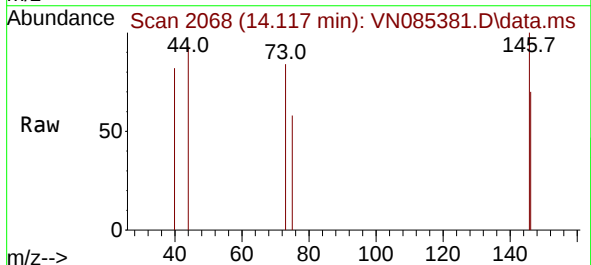
Instrument :
MSVOA_N
ClientSampleId :



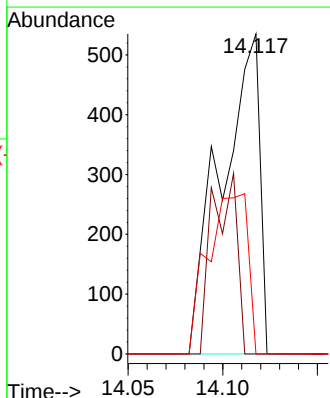
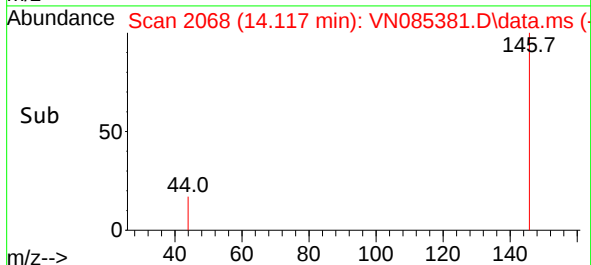
Tgt Ion:117 Resp: 210
Ion Ratio Lower Upper
117 100
201 0.0 30.7 92.1#

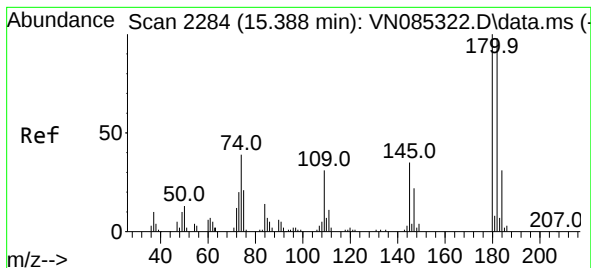


#91
1,2-Dichlorobenzene
Concen: 0.284 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.018 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34



Tgt Ion:146 Resp: 751
Ion Ratio Lower Upper
146 100
111 36.8 21.8 65.3
148 52.2 31.4 94.2





#93

1,2,4-Trichlorobenzene

Concen: 0.964 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085381.D

Acq: 06 Jan 2025 11:34

Instrument :

MSVOA_N

ClientSampleId :

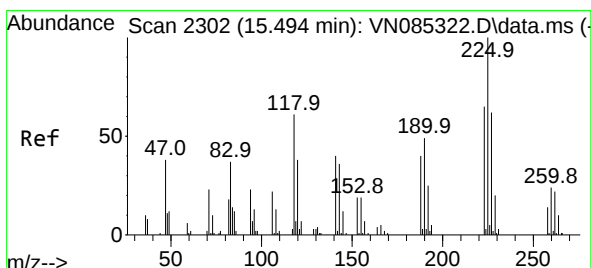
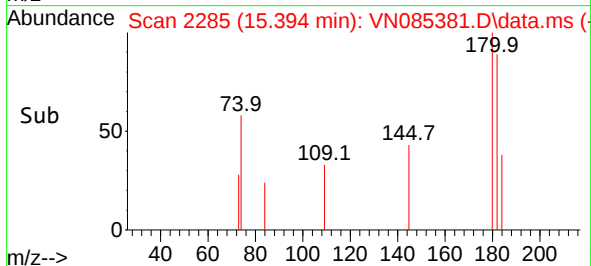
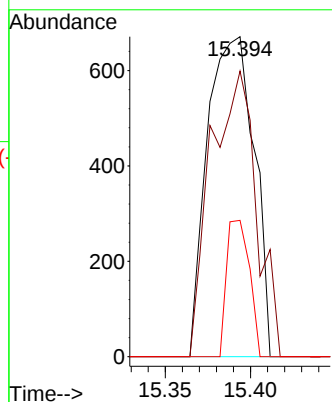
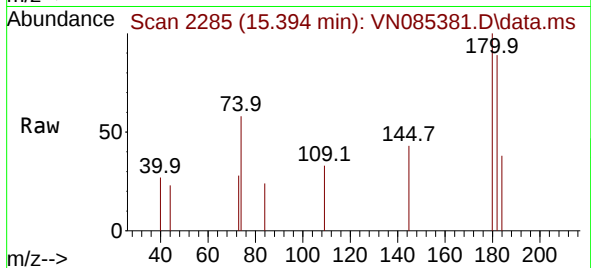
Tgt Ion:180 Resp: 1275

Ion Ratio Lower Upper

180 100

182 86.7 47.2 141.6

145 20.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.854 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085381.D

Acq: 06 Jan 2025 11:34

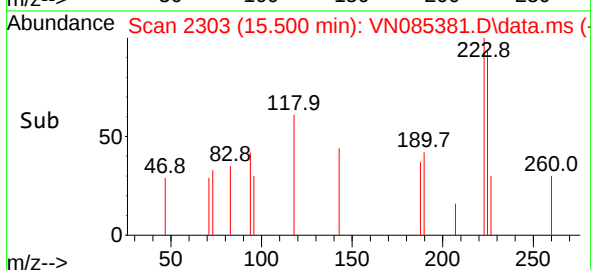
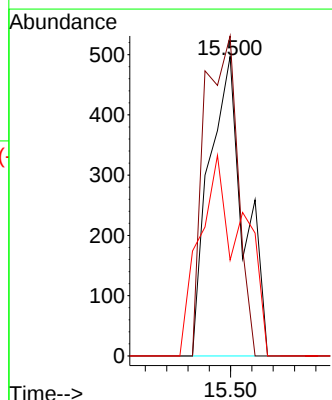
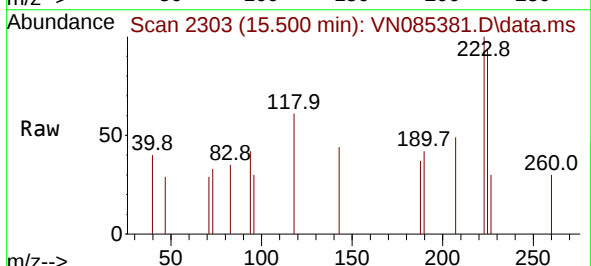
Tgt Ion:225 Resp: 561

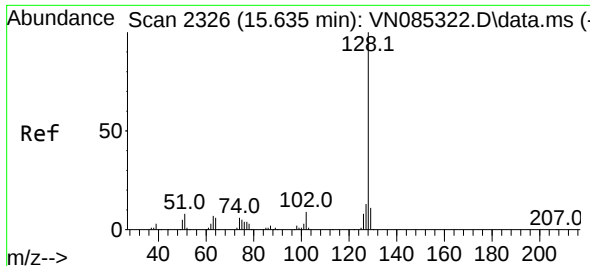
Ion Ratio Lower Upper

225 100

223 102.7 31.6 94.7#

227 83.2 30.3 91.0

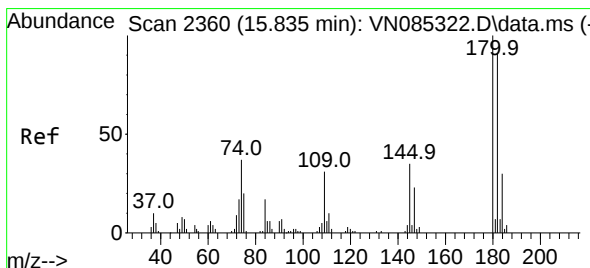
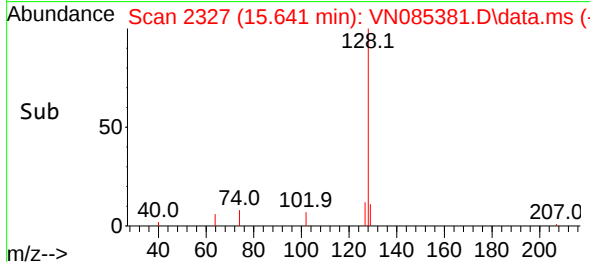
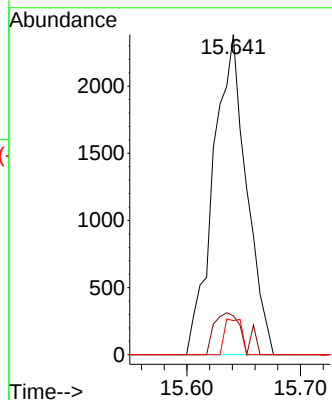
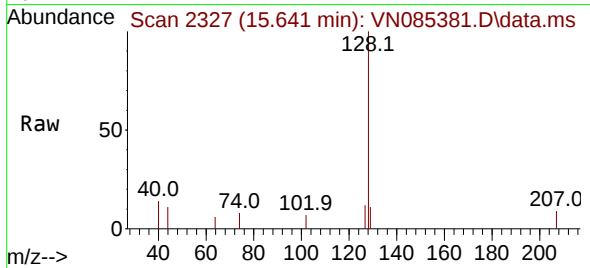




#95
Naphthalene
Concen: 1.074 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4816
Ion Ratio Lower Upper
128 100
127 11.4 10.6 16.0
129 5.7 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.185 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085381.D
Acq: 06 Jan 2025 11:34

Tgt Ion:180 Resp: 1565
Ion Ratio Lower Upper
180 100
182 79.9 46.8 140.4
145 27.0 17.2 51.6

