

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087249.D
 Acq On : 01 Jul 2025 09:59
 Operator : JC\MD
 Sample : VN0701MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

Quant Time: Jul 02 01:57:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

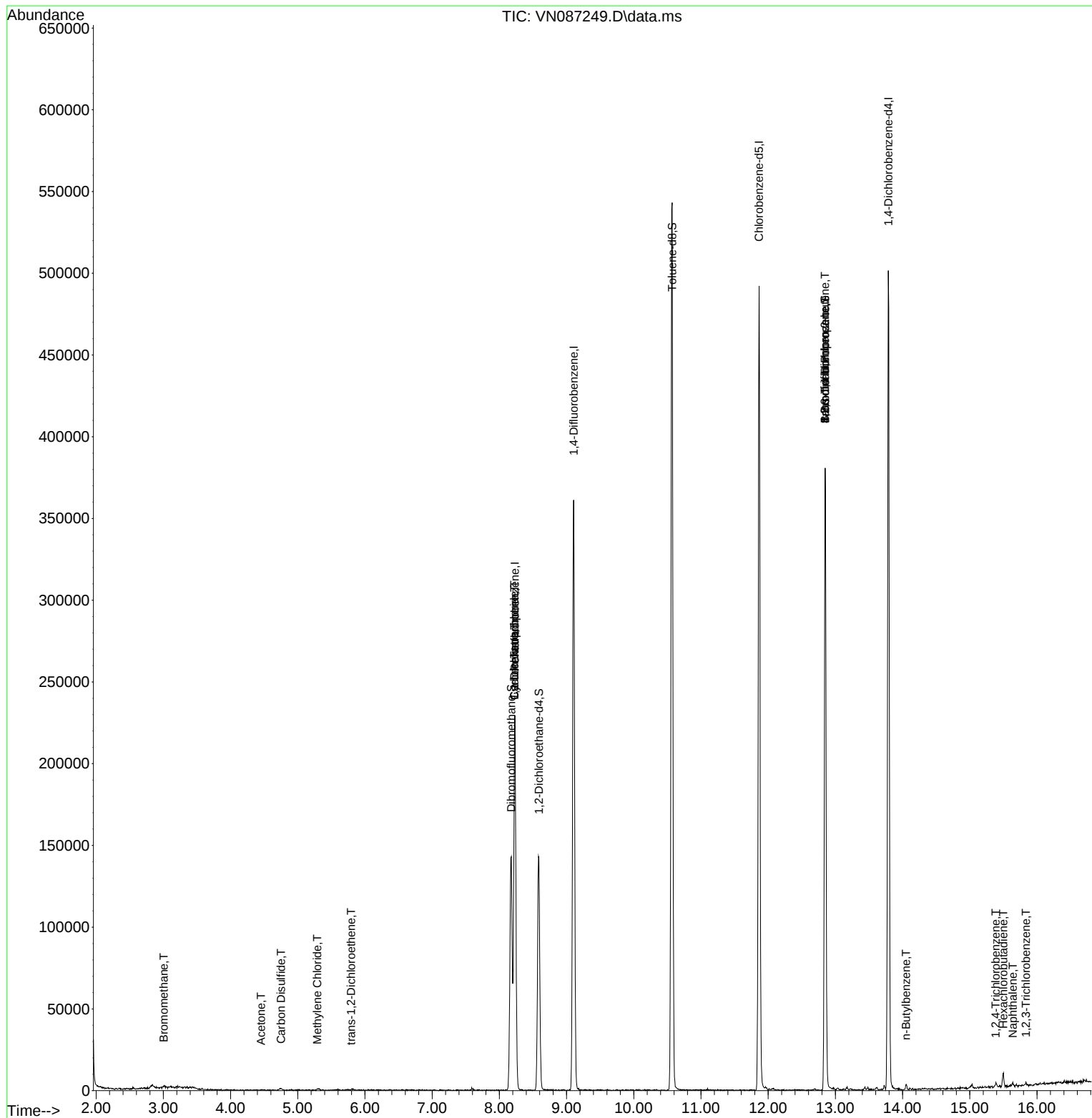
Internal Standards						
1) Pentafluorobenzene	8.230	168	180690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	120086	52.954	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.900%		
35) Dibromofluoromethane	8.177	113	108642	50.886	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.780%		
50) Toluene-d8	10.571	98	399711	48.032	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.060%		
62) 4-Bromofluorobenzene	12.847	95	134701	45.493	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.980%		
Target Compounds						
					Qvalue	
5) Bromomethane	3.006	94	348	0.217	ug/l #	56
16) Acetone	4.453	43	356	0.411	ug/l #	41
17) Carbon Disulfide	4.753	76	2325	0.461	ug/l #	76
20) Methylene Chloride	5.289	84	524	0.273	ug/l #	68
21) trans-1,2-Dichloroethene	5.794	96	486	0.239	ug/l #	1
31) Cyclohexane	8.224	56	3689	1.194	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	12928	4.453	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17244	5.242	ug/l #	16
71) Bromoform	12.847	173	1060	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67509	23.868	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67509	56.064	ug/l #	14
89) n-Butylbenzene	14.053	91	2438	0.324	ug/l	82
93) 1,2,4-Trichlorobenzene	15.388	180	1093	0.397	ug/l #	81
94) Hexachlorobutadiene	15.500	225	1477	1.688	ug/l	89
95) Naphthalene	15.641	128	2339	0.245	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.835	180	969	0.361	ug/l	93

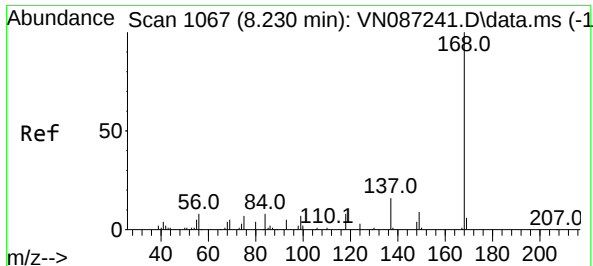
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
Data File : VN087249.D
Acq On : 01 Jul 2025 09:59
Operator : JC\MD
Sample : VN0701MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

Quant Time: Jul 02 01:57:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

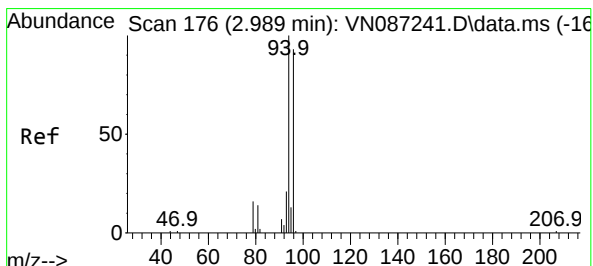
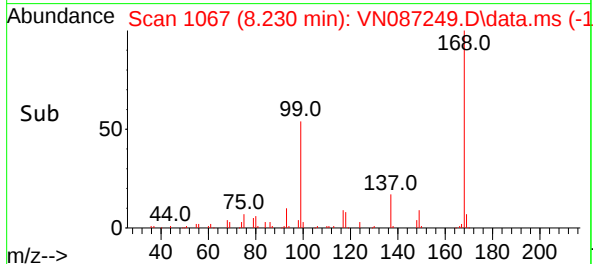
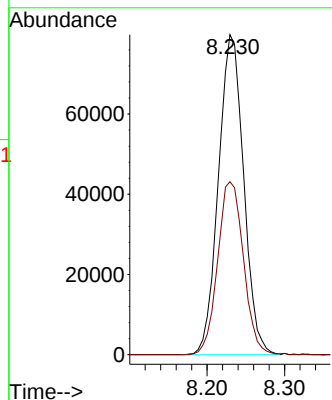
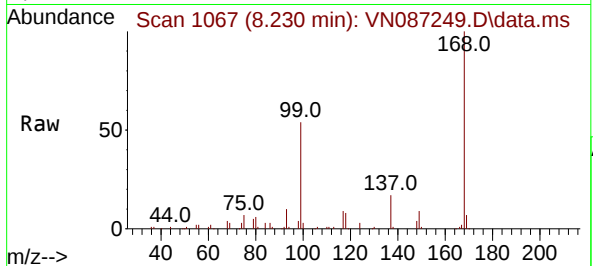




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

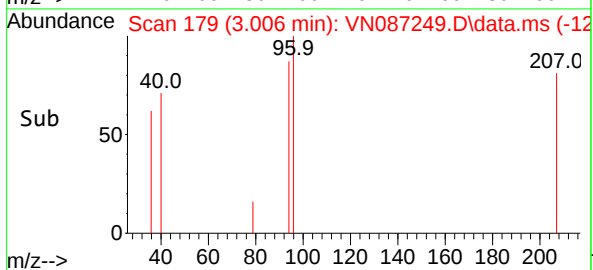
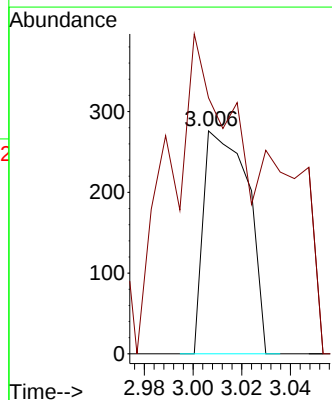
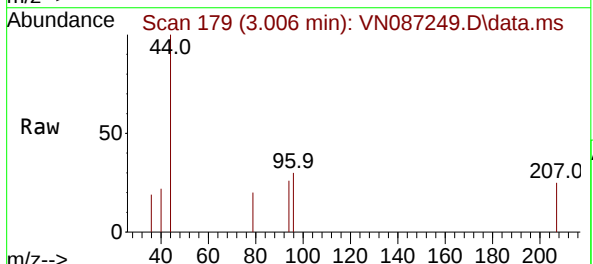
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

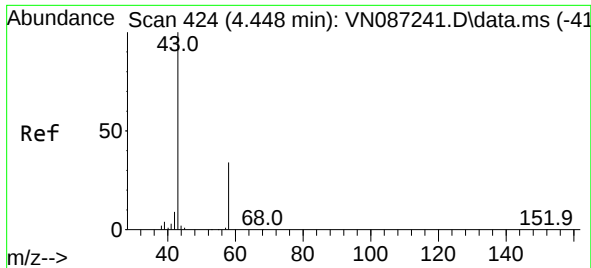
Tgt Ion:168 Resp: 180690
Ion Ratio Lower Upper
168 100
99 54.0 42.6 64.0



#5
Bromomethane
Concen: 0.217 ug/l
RT: 3.006 min Scan# 179
Delta R.T. 0.018 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion: 94 Resp: 348
Ion Ratio Lower Upper
94 100
96 50.4 74.3 111.5#





#16

Acetone

Concen: 0.411 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087249.D

Acq: 01 Jul 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

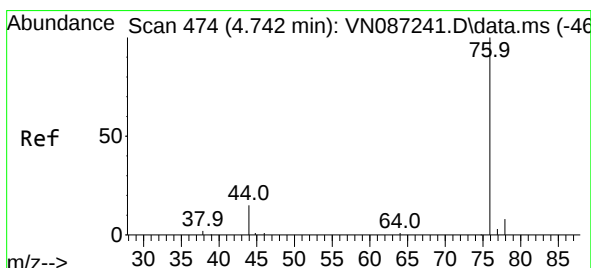
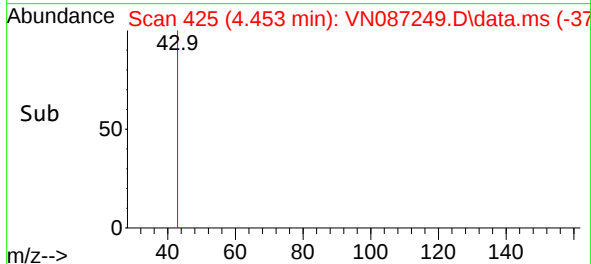
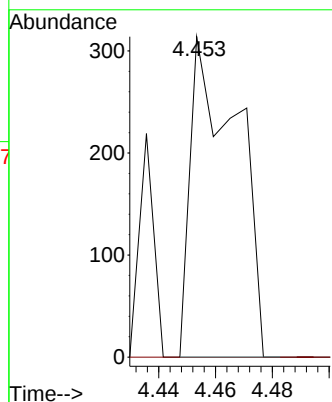
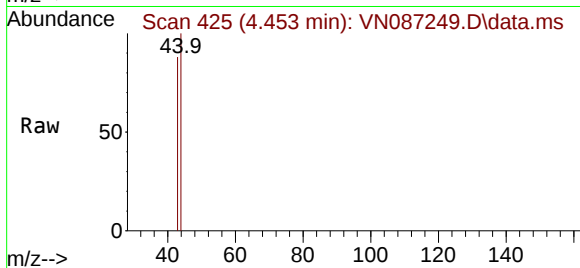
VN0701MBL01

Tgt Ion: 43 Resp: 356

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#17

Carbon Disulfide

Concen: 0.461 ug/l

RT: 4.753 min Scan# 476

Delta R.T. 0.012 min

Lab File: VN087249.D

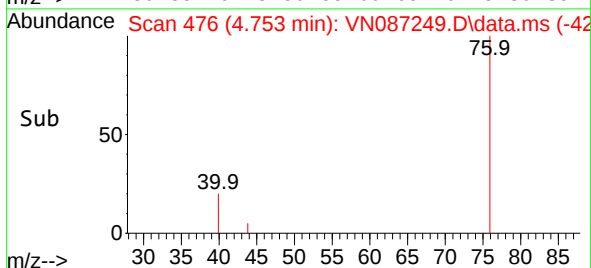
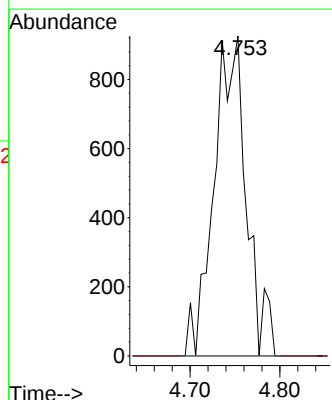
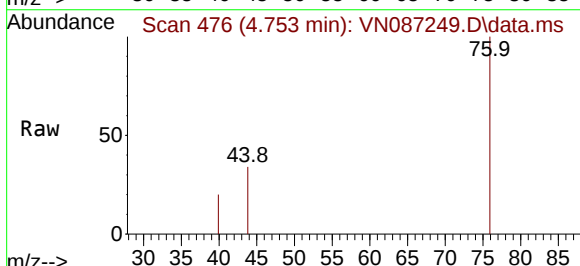
Acq: 01 Jul 2025 09:59

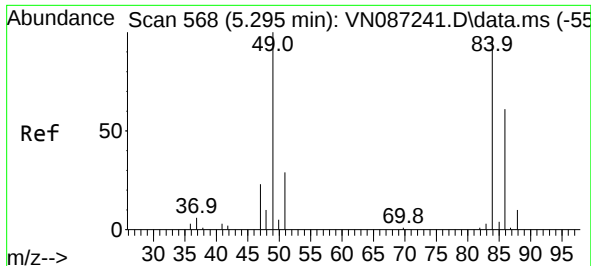
Tgt Ion: 76 Resp: 2325

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#

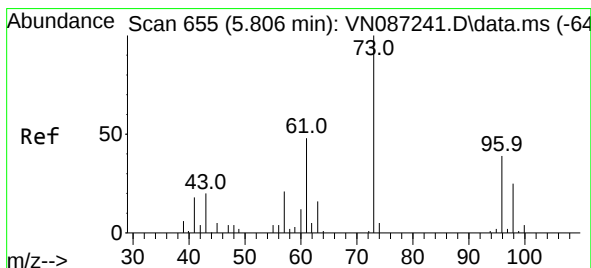
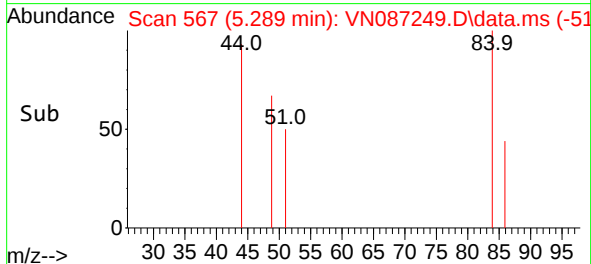
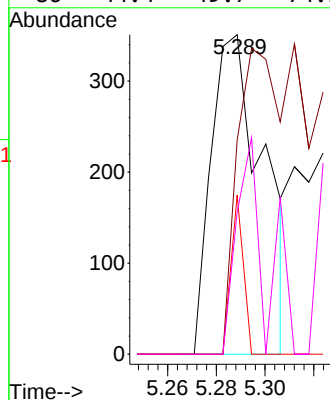
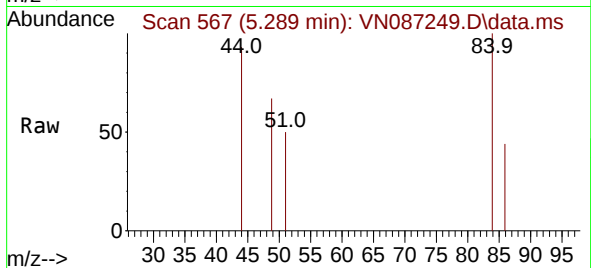




#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

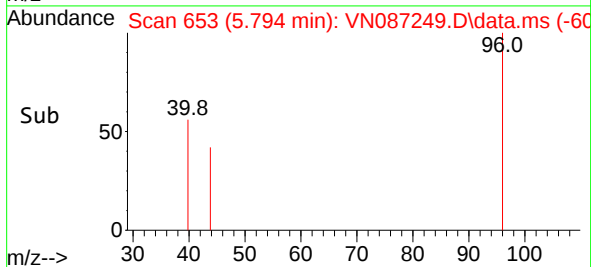
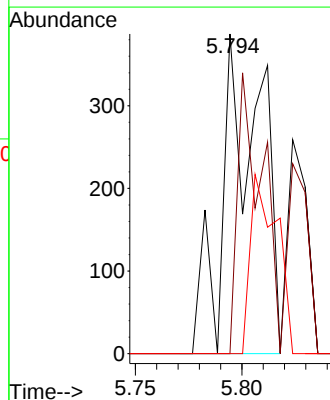
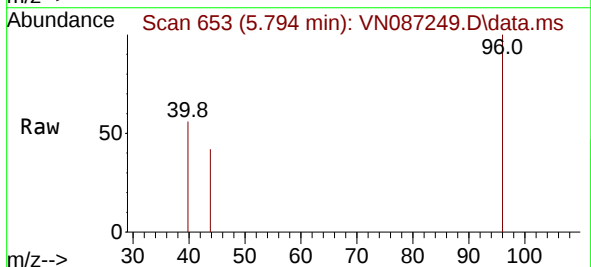
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

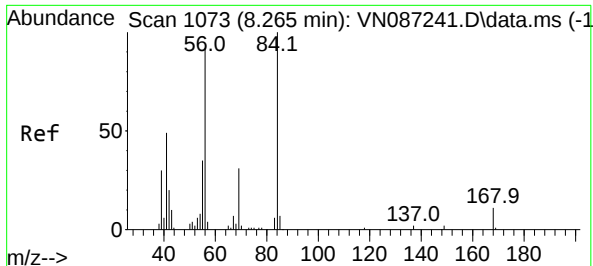
Tgt Ion:	84	Resp:	524
Ion	Ratio	Lower	Upper
84	100		
49	67.0	82.1	123.1#
51	49.9	23.5	35.3#
86	44.4	49.7	74.5#



#21
trans-1,2-Dichloroethene
Concen: 0.239 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

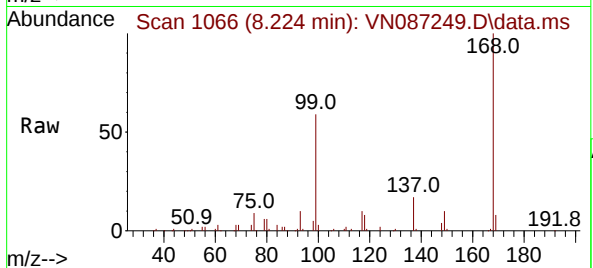
Tgt Ion:	96	Resp:	486
Ion	Ratio	Lower	Upper
96	100		
61	0.0	98.2	147.2#
98	0.0	50.0	75.0#



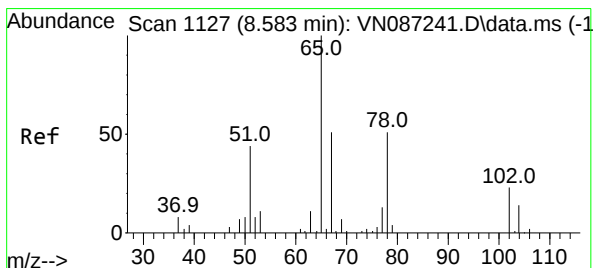
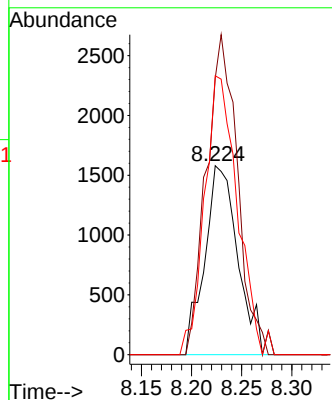
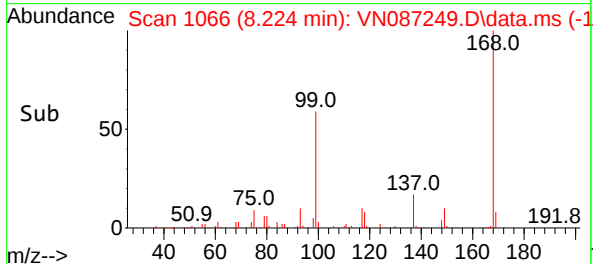


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

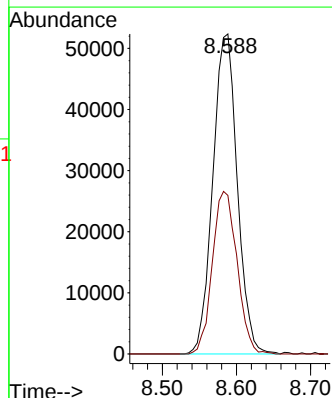
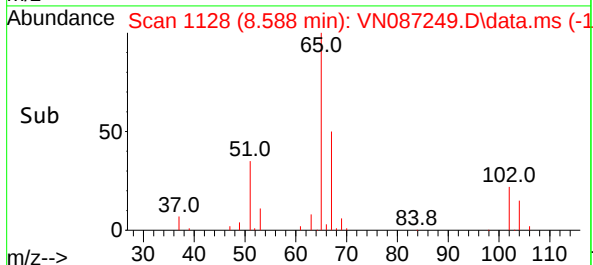
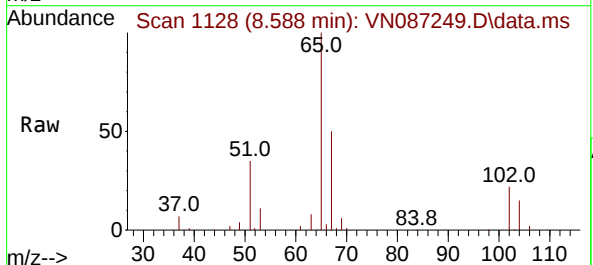


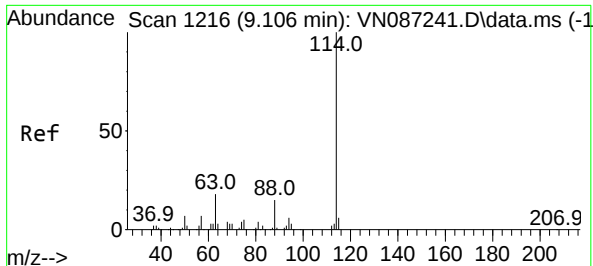
Tgt Ion: 56 Resp: 3689
Ion Ratio Lower Upper
56 100
69 146.3 27.0 40.6#
84 147.5 86.2 129.4#



#33
1,2-Dichloroethane-d4
Concen: 52.954 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion: 65 Resp: 120086
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087249.D

Acq: 01 Jul 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBL01

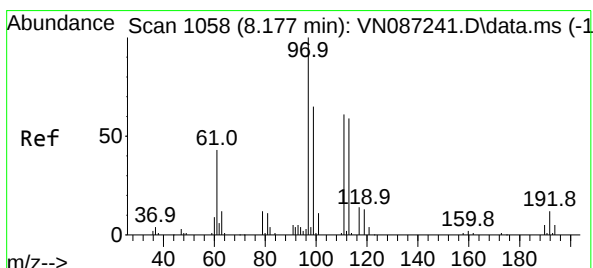
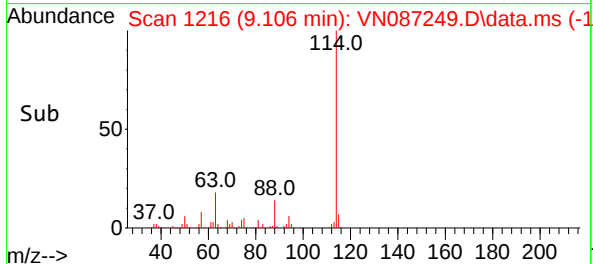
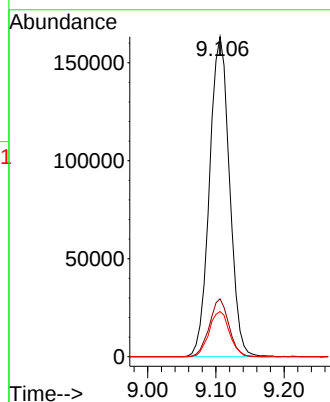
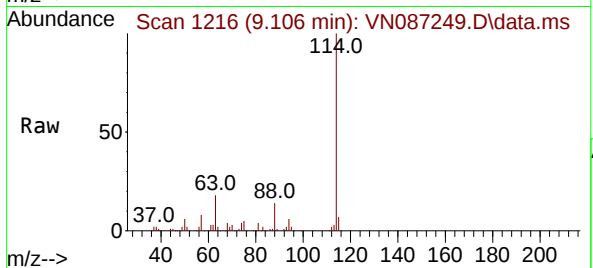
Tgt Ion:114 Resp: 333432

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 14.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087249.D

Acq: 01 Jul 2025 09:59

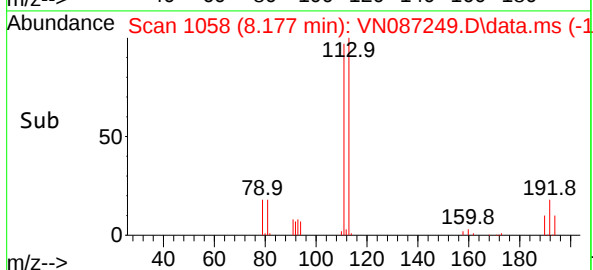
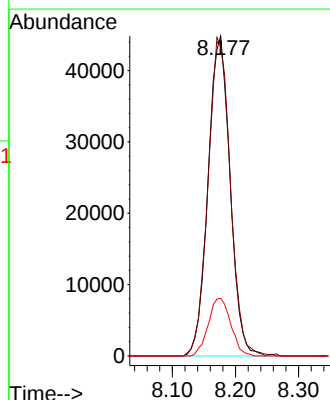
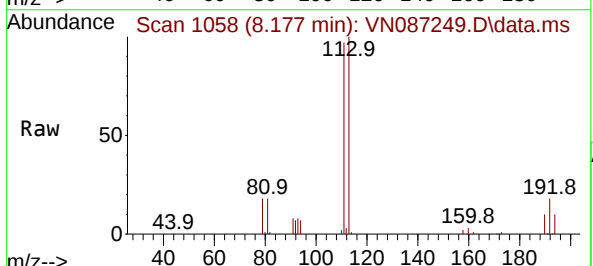
Tgt Ion:113 Resp: 108642

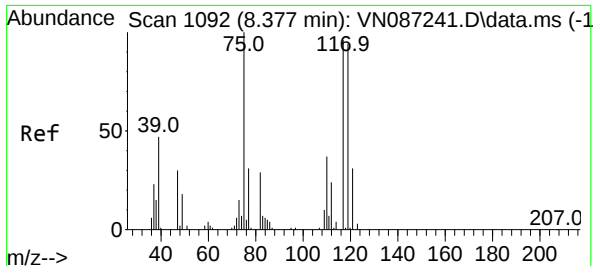
Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.2

192 18.4 15.1 22.7

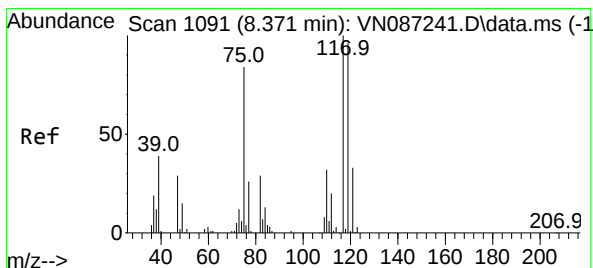
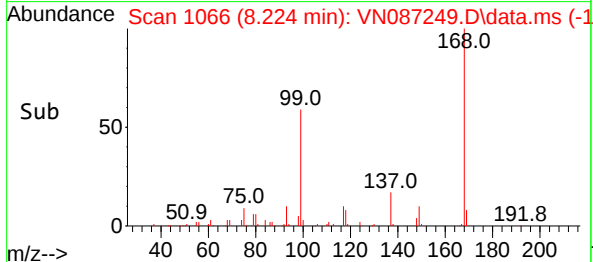
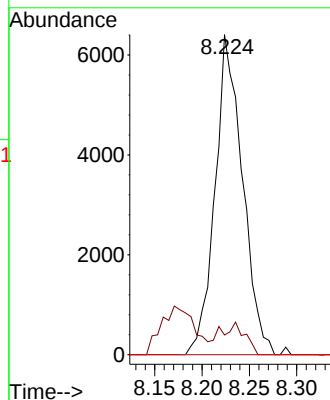
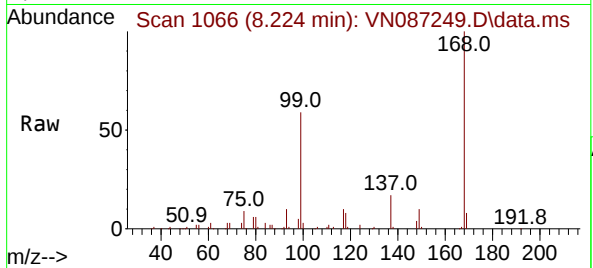




#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

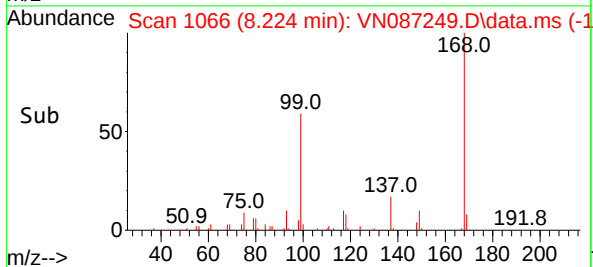
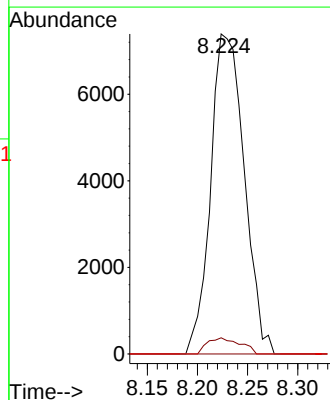
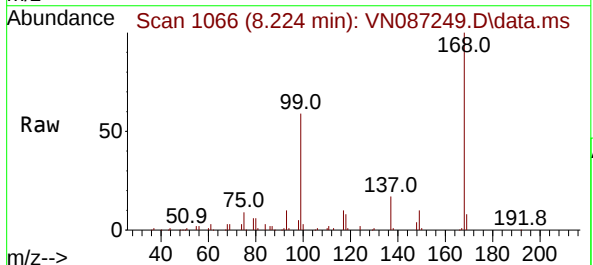
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

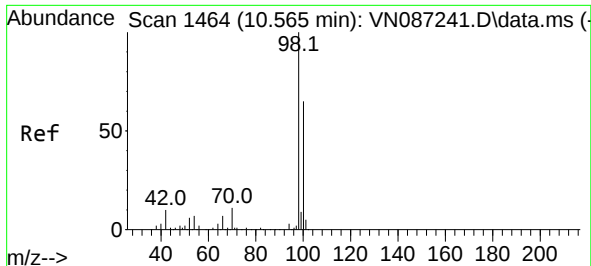
Tgt Ion: 75 Resp: 12928
Ion Ratio Lower Upper
75 100
110 9.2 18.7 56.1#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.242 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion: 117 Resp: 17244
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 26.6 39.8#

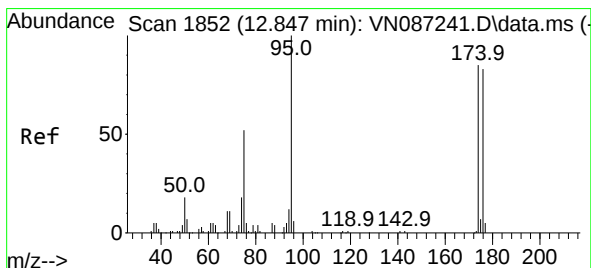
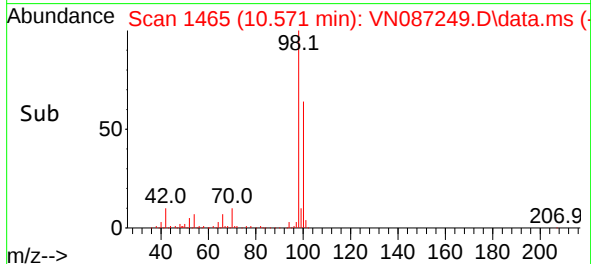
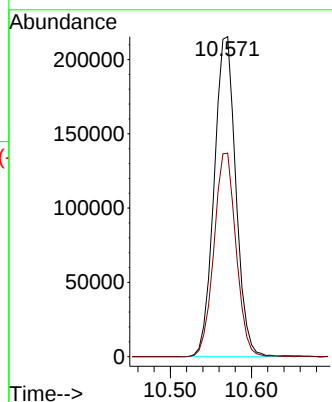
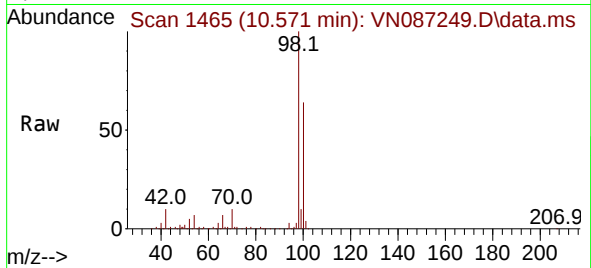




#50
Toluene-d8
Concen: 48.032 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

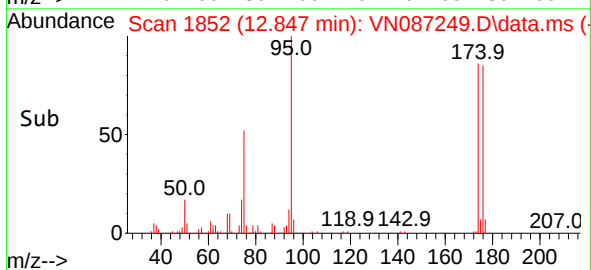
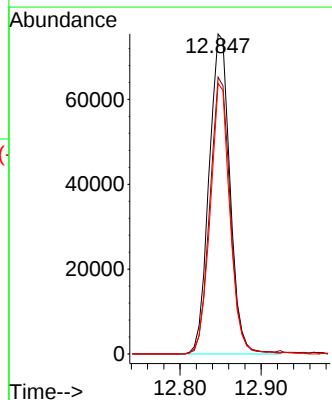
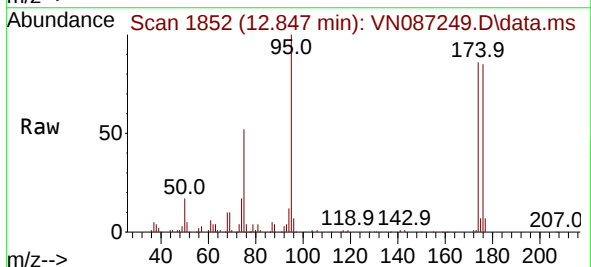
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

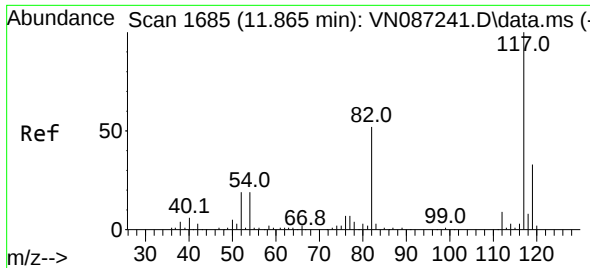
Tgt Ion: 98 Resp: 399711
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion: 95 Resp: 134701
Ion Ratio Lower Upper
95 100
174 84.1 0.0 169.6
176 79.7 0.0 161.6

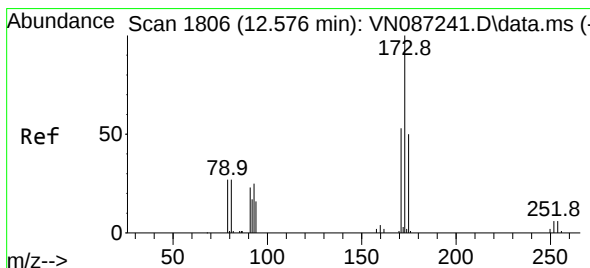
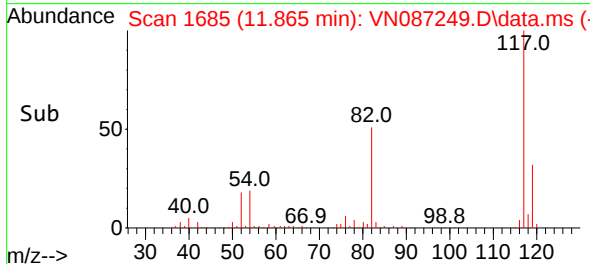
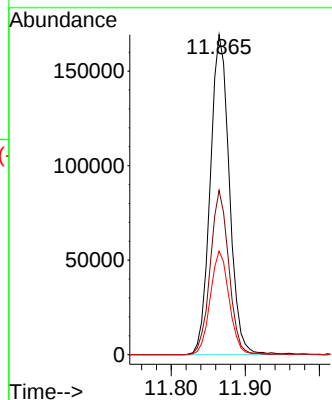
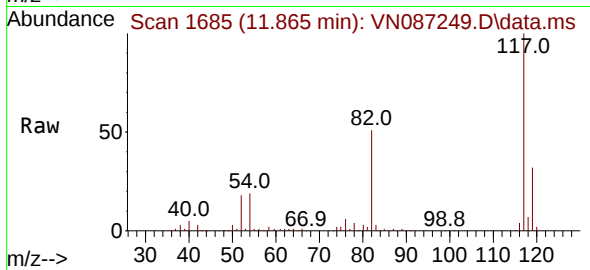




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

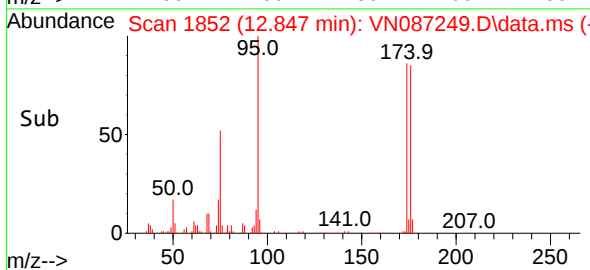
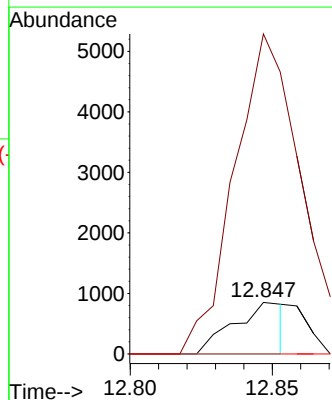
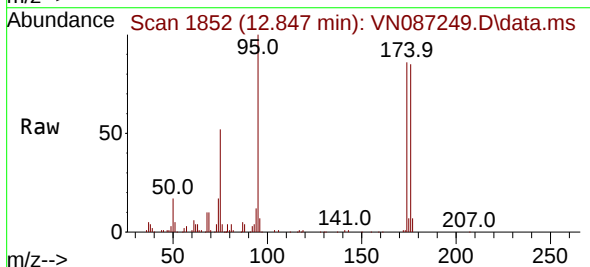
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

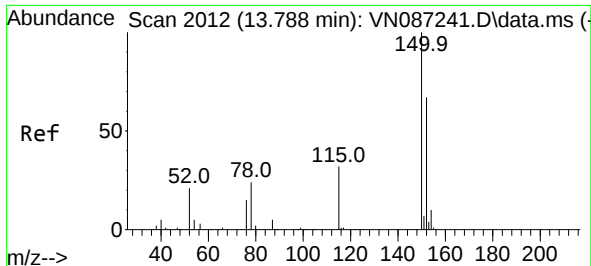
Tgt Ion:117 Resp: 303022
Ion Ratio Lower Upper
117 100
82 51.4 41.9 62.9
119 32.4 26.2 39.4



#71
Bromoform
Concen: 0.585 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion:173 Resp: 1060
Ion Ratio Lower Upper
173 100
175 598.8 24.6 73.6#
254 0.0 0.0 0.0

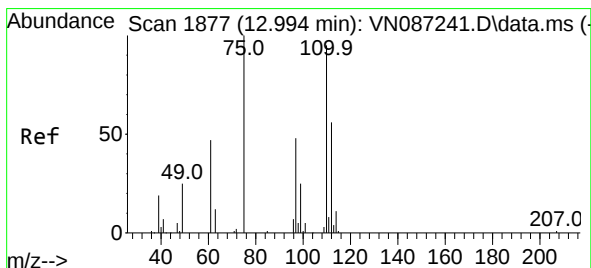
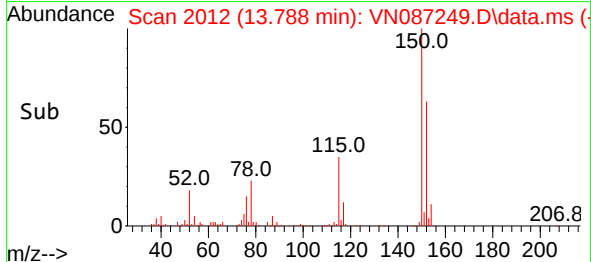
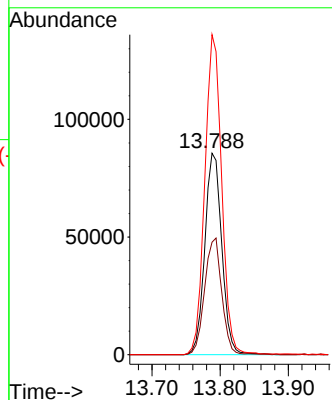
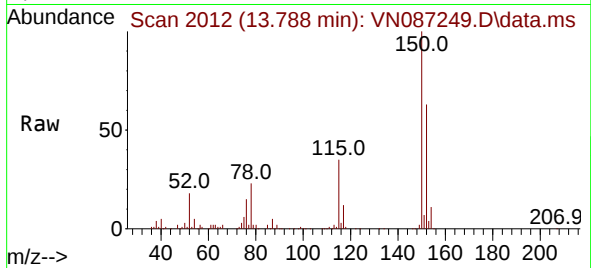




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087249.D
 Acq: 01 Jul 2025 09:59

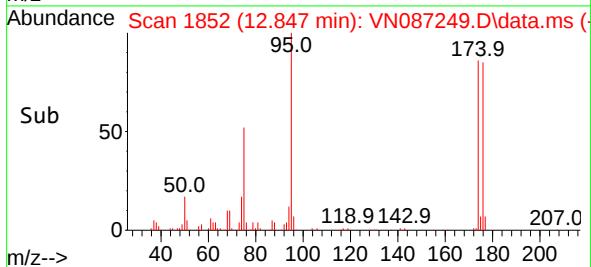
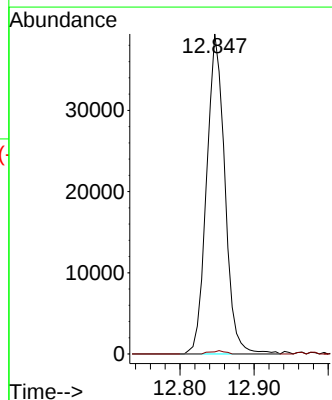
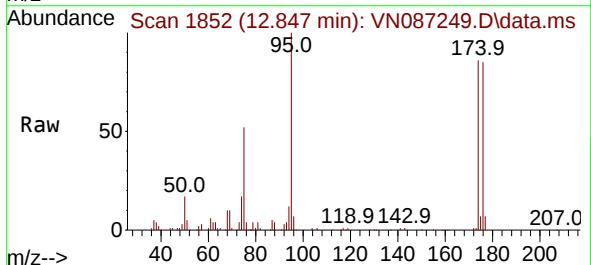
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

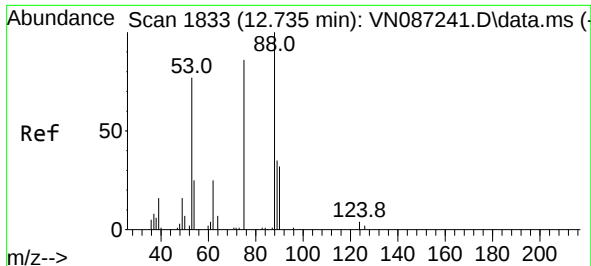
Tgt Ion:152 Resp: 148702
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.3 84.9
 150 157.3 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 23.868 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087249.D
 Acq: 01 Jul 2025 09:59

Tgt Ion: 75 Resp: 67509
 Ion Ratio Lower Upper
 75 100
 77 0.8 82.0 245.8#

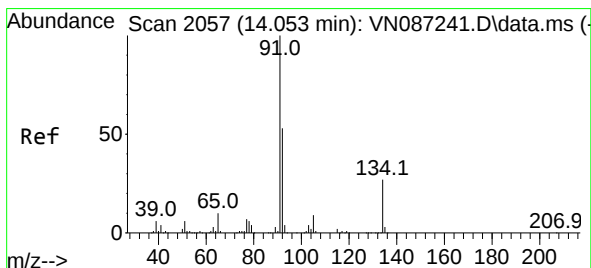
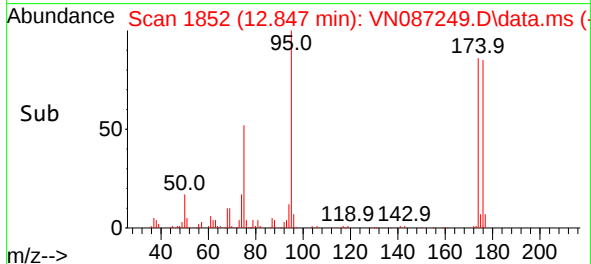
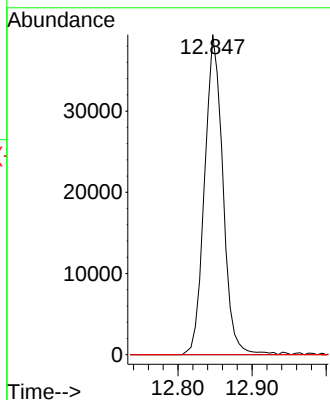
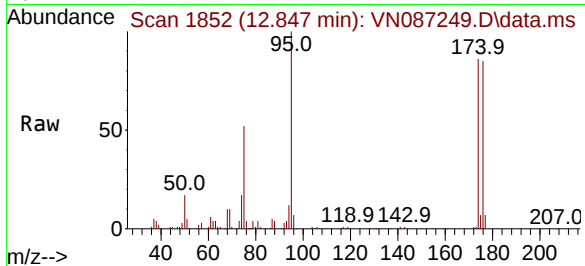




#81
trans-1,4-Dichloro-2-butene
Concen: 56.064 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

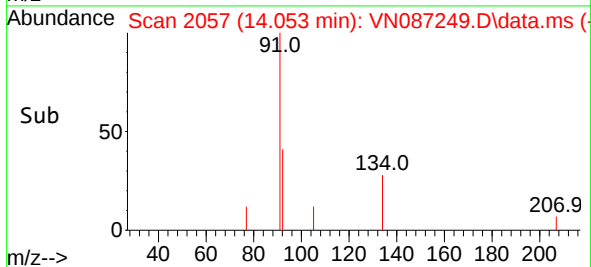
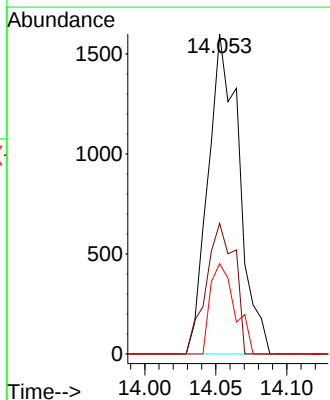
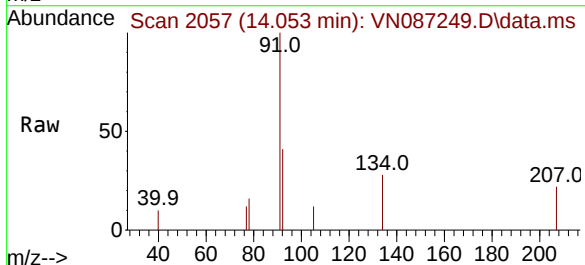
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

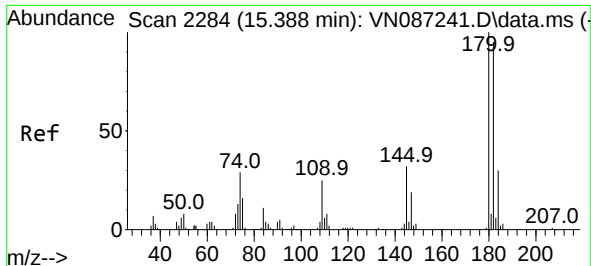
Tgt Ion: 75 Resp: 67509
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 36.1 54.1#



#89
n-Butylbenzene
Concen: 0.324 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion: 91 Resp: 2438
Ion Ratio Lower Upper
91 100
92 37.5 26.7 80.0
134 22.4 13.7 41.1

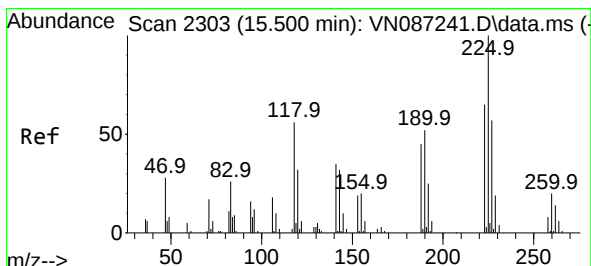
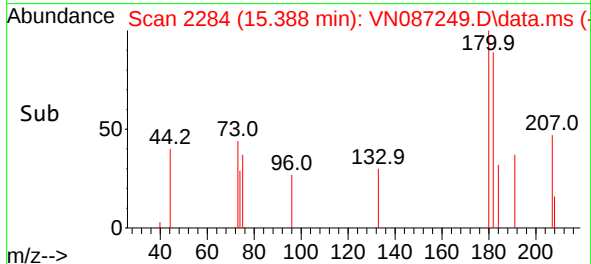
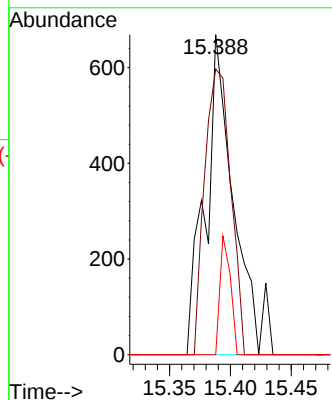
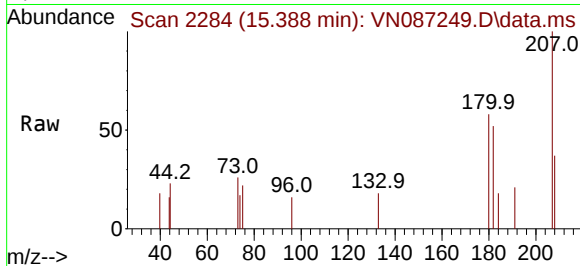




#93
 1,2,4-Trichlorobenzene
 Concen: 0.397 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087249.D
 Acq: 01 Jul 2025 09:59

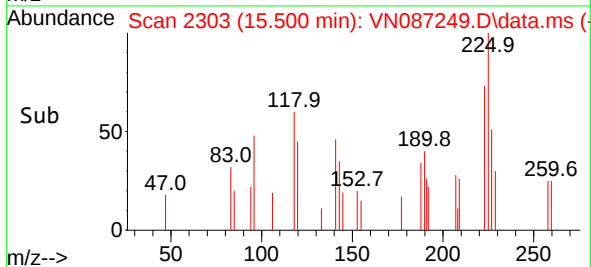
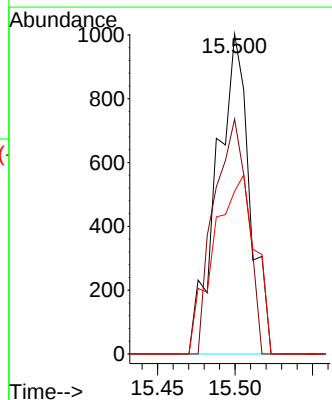
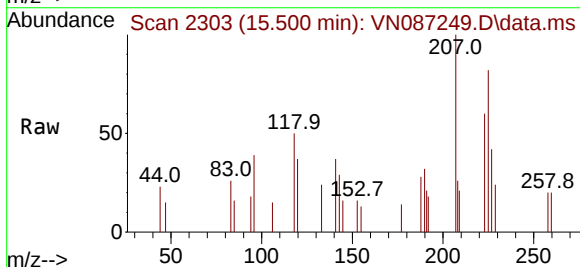
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

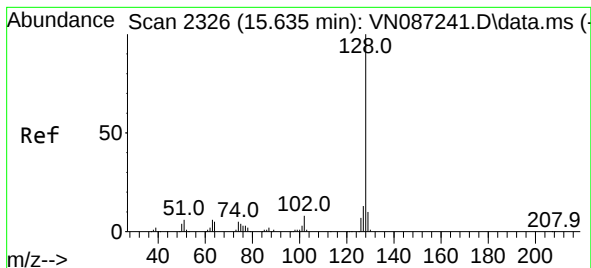
Tgt Ion:180 Resp: 1093
 Ion Ratio Lower Upper
 180 100
 182 81.4 48.0 144.0
 145 13.4 15.4 46.2#



#94
 Hexachlorobutadiene
 Concen: 1.688 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN087249.D
 Acq: 01 Jul 2025 09:59

Tgt Ion:225 Resp: 1477
 Ion Ratio Lower Upper
 225 100
 223 74.4 33.5 100.4
 227 71.1 30.9 92.7





#95

Naphthalene

Concen: 0.245 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087249.D

Acq: 01 Jul 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBL01

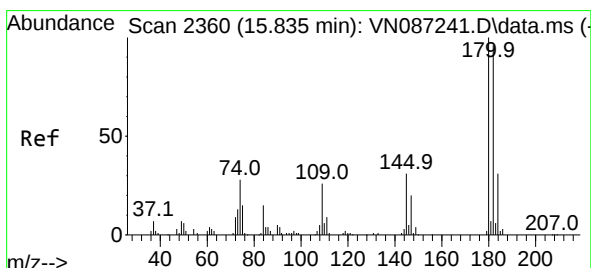
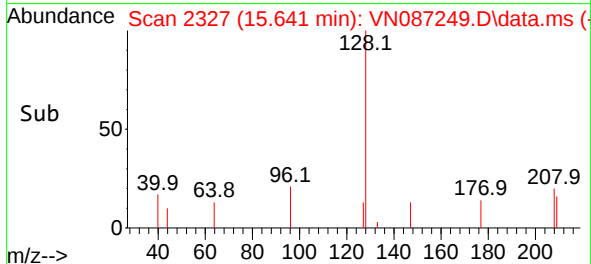
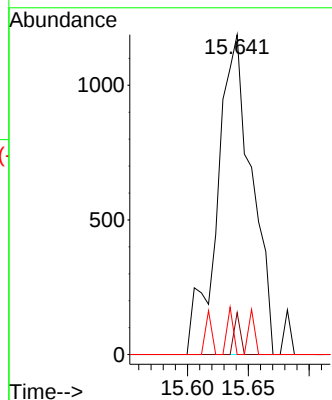
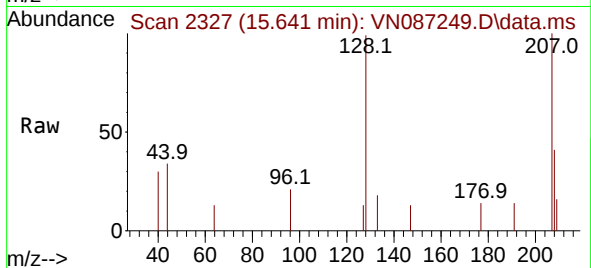
Tgt Ion:128 Resp: 2339

Ion Ratio Lower Upper

128 100

127 2.4 10.3 15.5#

129 2.7 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.361 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087249.D

Acq: 01 Jul 2025 09:59

Tgt Ion:180 Resp: 969

Ion Ratio Lower Upper

180 100

182 93.7 47.7 143.1

145 19.2 15.7 47.1

