

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087705.D
 Acq On : 02 Sep 2025 10:59
 Operator : JC\MD
 Sample : VN0902WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBL01

Quant Time: Sep 03 01:16:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

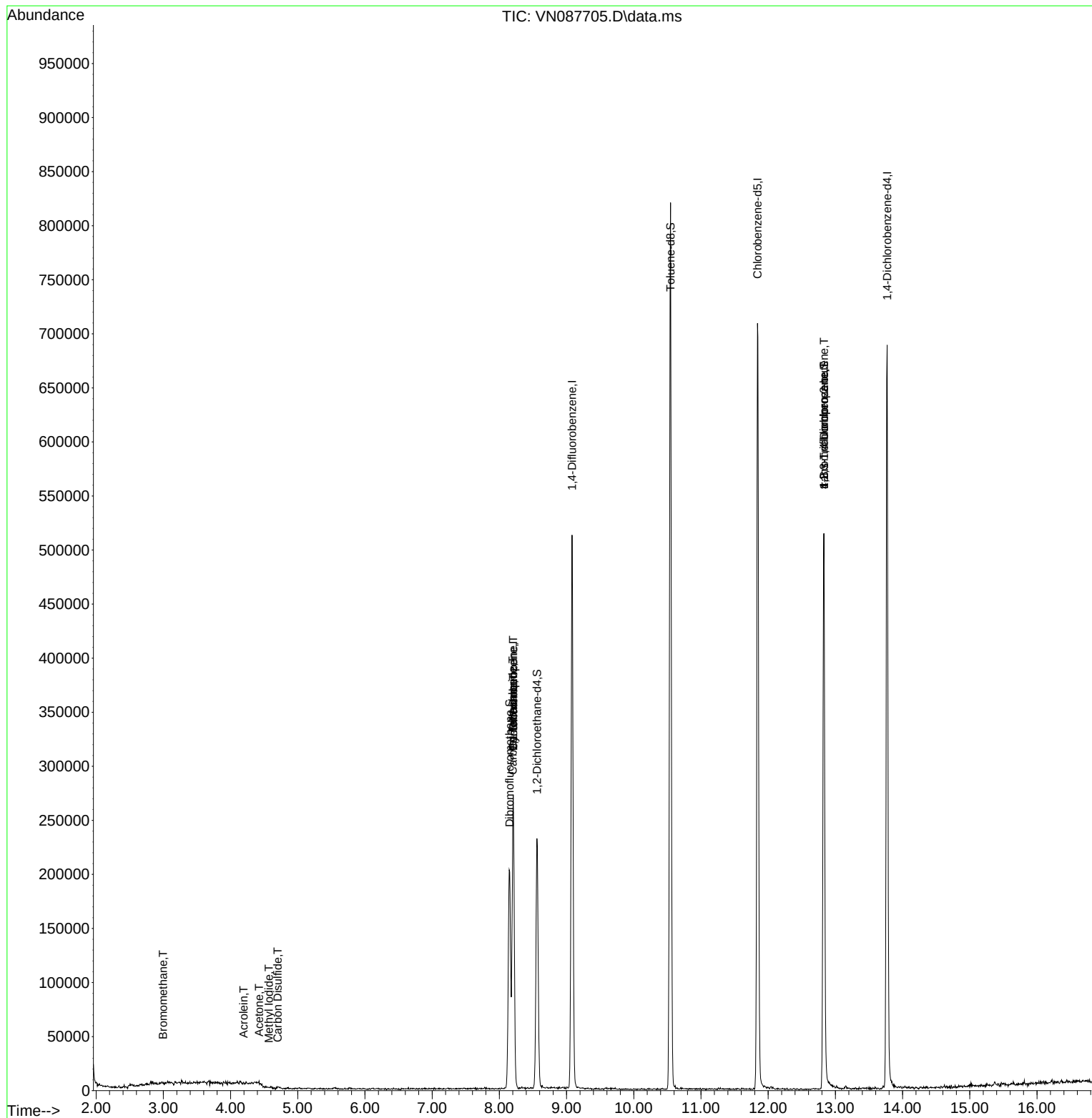
Internal Standards						
1) Pentafluorobenzene	8.206	168	181552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	416507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	386875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	182900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189965	51.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	8.153	113	146430	48.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.380%			
50) Toluene-d8	10.547	98	533849	47.431	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.860%			
62) 4-Bromofluorobenzene	12.829	95	182788	45.666	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.340%			
Target Compounds						Qvalue
5) Bromomethane	2.994	94	638	0.402	ug/l #	73
10) Methyl Iodide	4.571	142	79	6.846	ug/l #	38
13) Acrolein	4.194	56	711	0.896	ug/l	88
16) Acetone	4.424	43	1232	0.608	ug/l #	47
17) Carbon Disulfide	4.700	76	1589	0.221	ug/l #	74
20) Methylene Chloride	5.277	84	92	Below Cal	#	5
31) Cyclohexane	8.206	56	5723	1.223	ug/l #	3
36) 1,1-Dichloropropene	8.206	75	19579	4.244	ug/l #	50
38) Carbon Tetrachloride	8.200	117	20367	4.471	ug/l #	19
76) 1,2,3-Trichloropropane	12.829	75	106046	24.725	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	106046	65.455	ug/l #	1

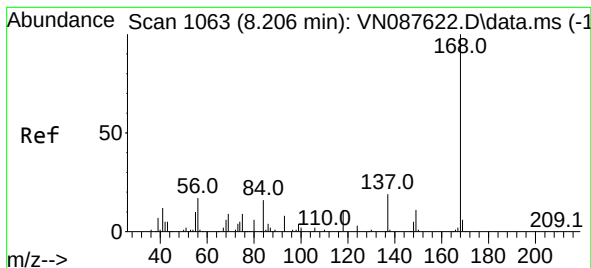
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
Data File : VN087705.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

Quant Time: Sep 03 01:16:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

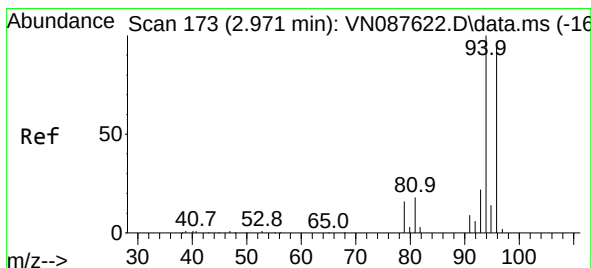
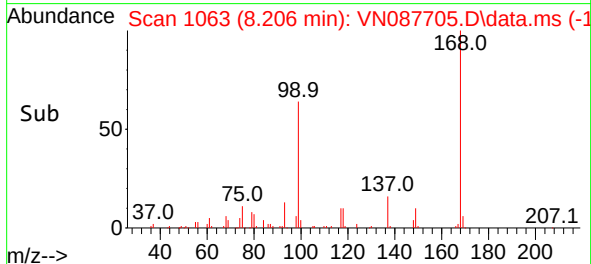
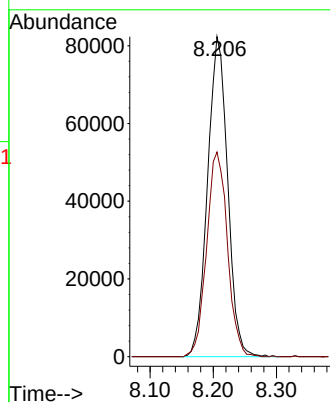
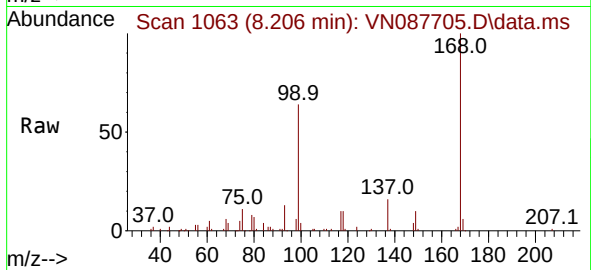




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

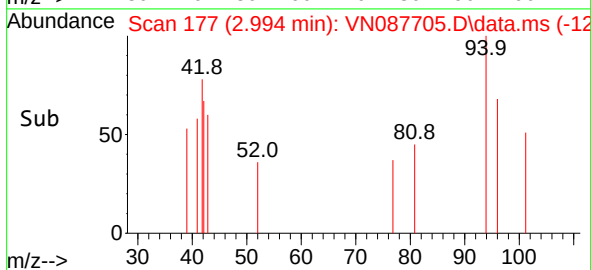
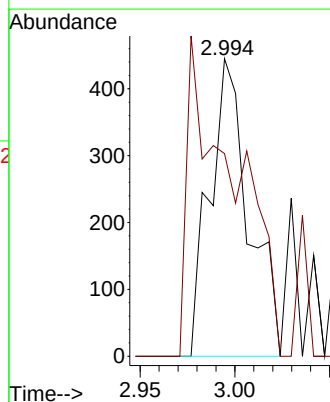
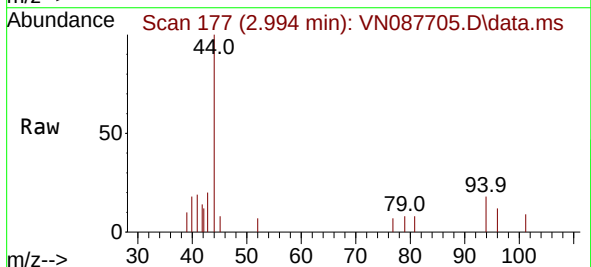
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

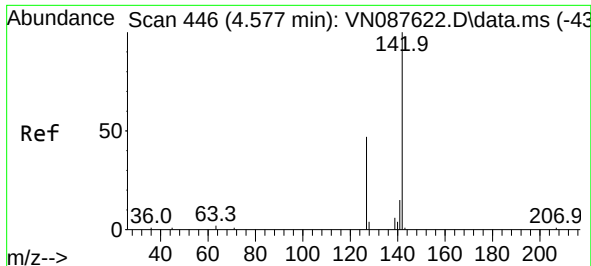
Tgt Ion:168 Resp: 181552
Ion Ratio Lower Upper
168 100
99 63.9 57.2 85.8



#5
Bromomethane
Concen: 0.402 ug/l
RT: 2.994 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

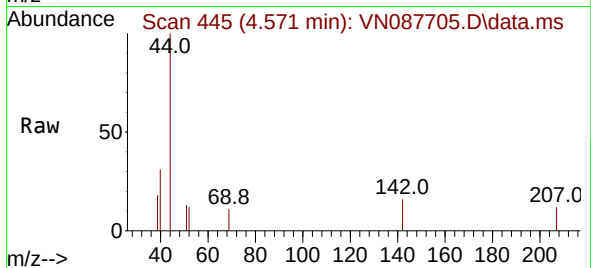
Tgt Ion: 94 Resp: 638
Ion Ratio Lower Upper
94 100
96 68.1 75.4 113.2#



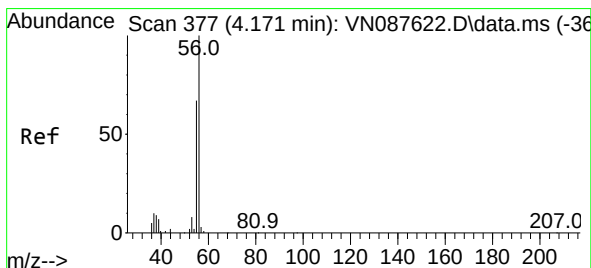
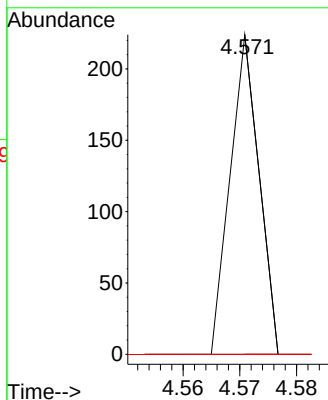
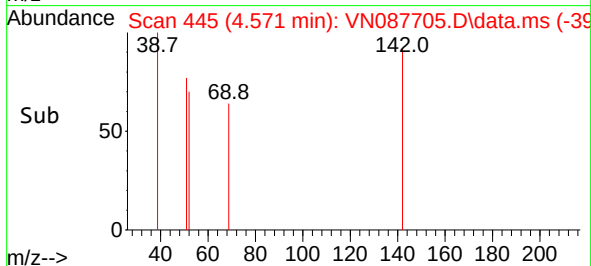


#10
Methyl Iodide
Concen: 6.846 ug/l
RT: 4.571 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

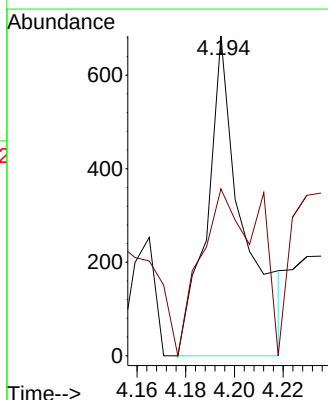
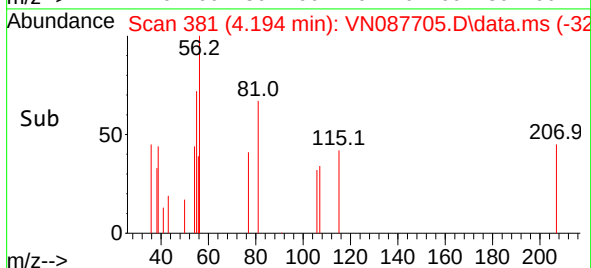
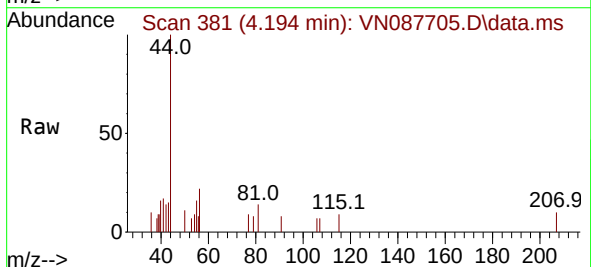


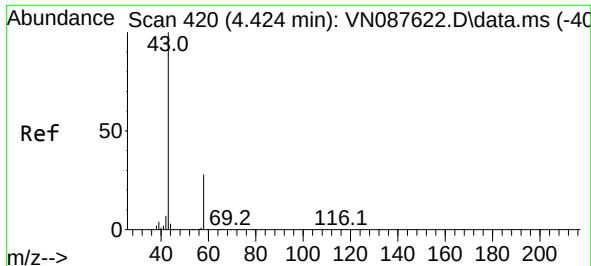
Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#13
Acrolein
Concen: 0.896 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.023 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

Tgt Ion: 56 Resp: 711
Ion Ratio Lower Upper
56 100
55 81.9 57.3 85.9

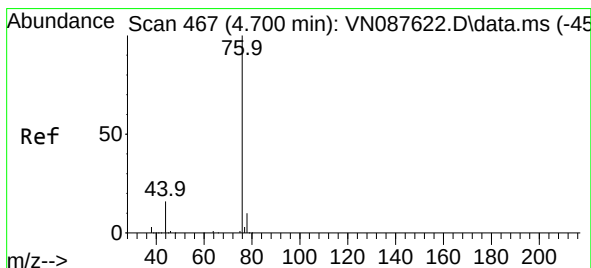
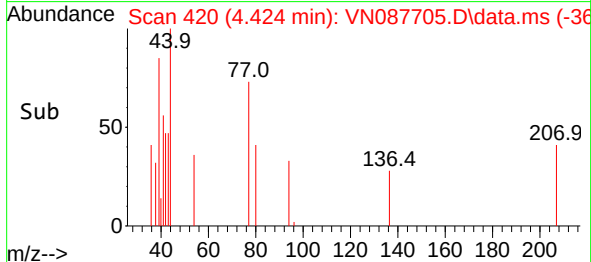
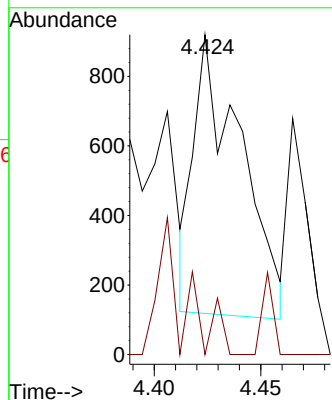
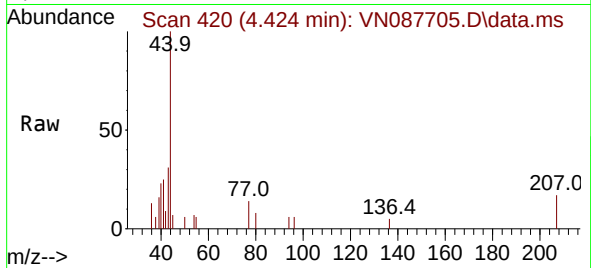




#16
Acetone
Concen: 0.608 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

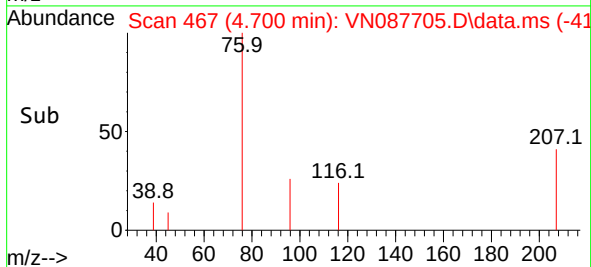
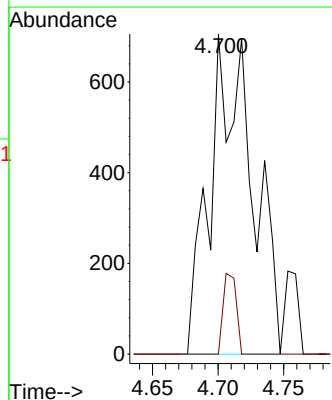
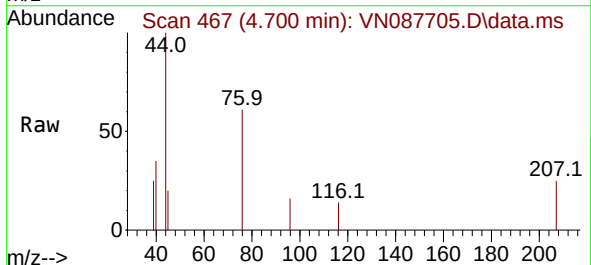
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

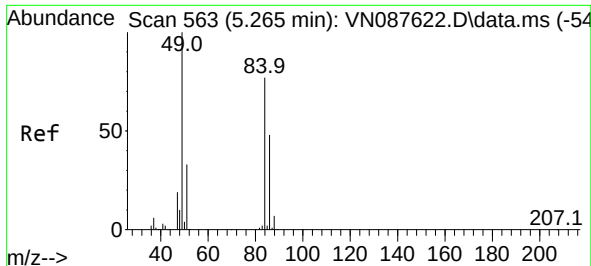
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

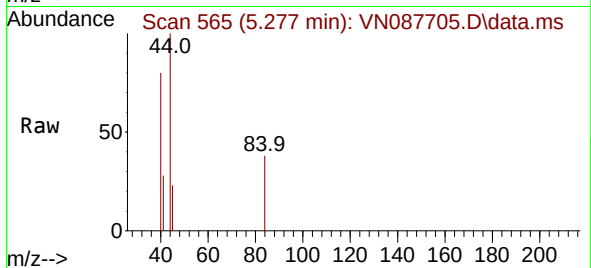
Tgt Ion: 76 Resp: 1589
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



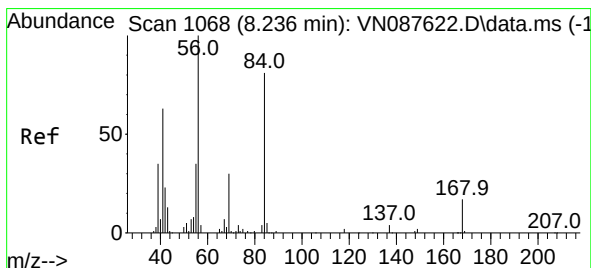
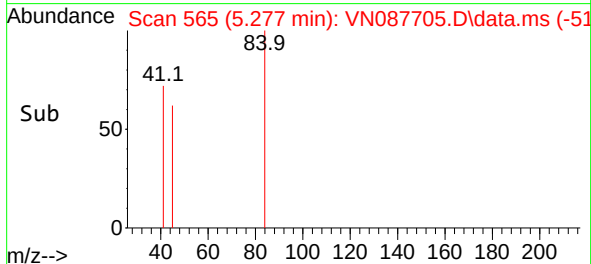
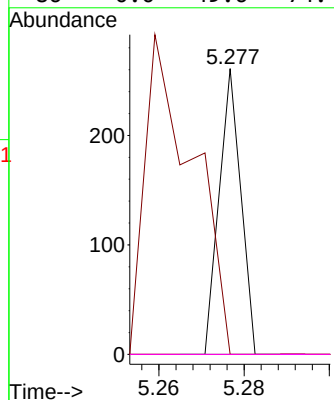


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

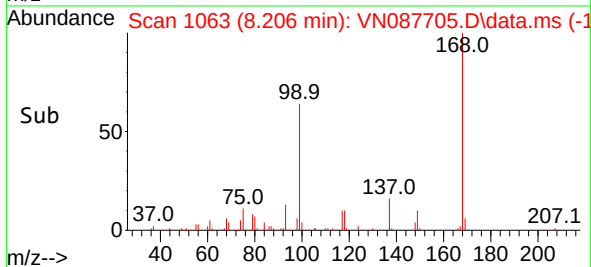
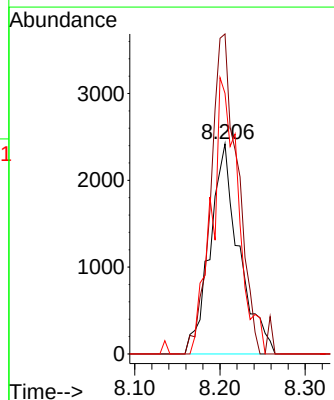
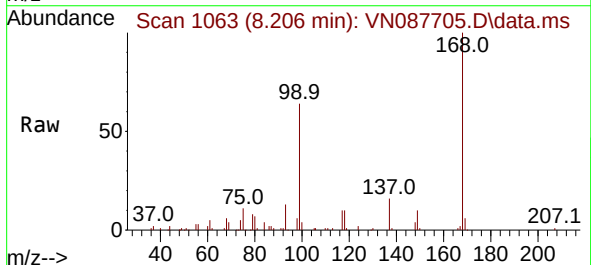


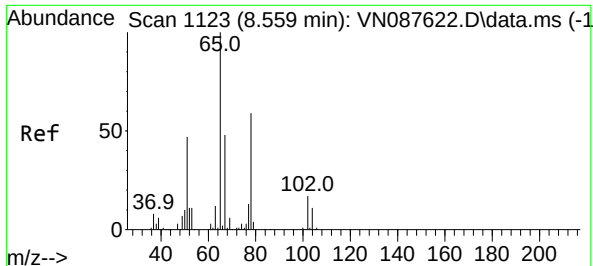
Tgt Ion:	84	Resp:	92
Ion	Ratio	Lower	Upper
84	100		
49	0.0	103.4	155.2#
51	0.0	33.8	50.8#
86	0.0	49.6	74.4#



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

Tgt Ion:	56	Resp:	5723
Ion	Ratio	Lower	Upper
56	100		
69	152.4	23.7	35.5#
84	124.1	64.7	97.1#





#33

1,2-Dichloroethane-d4

Concen: 51.069 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087705.D

Acq: 02 Sep 2025 10:59

Instrument :

MSVOA_N

ClientSampleId :

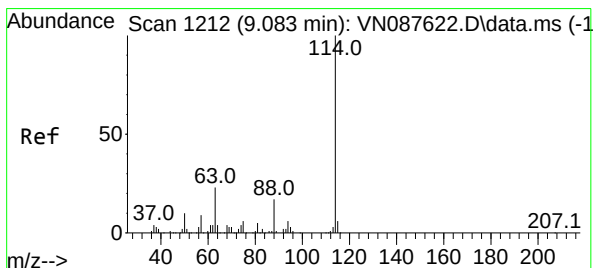
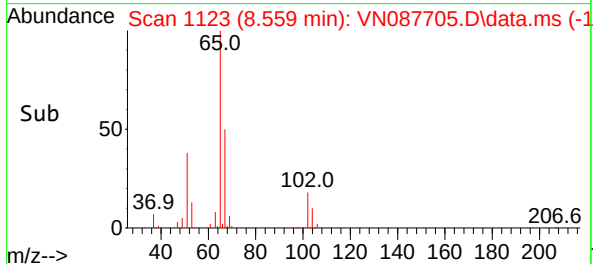
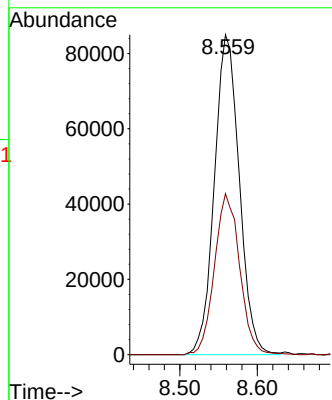
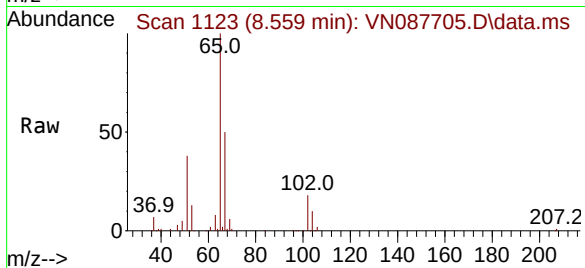
VN0902WBL01

Tgt Ion: 65 Resp: 189965

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087705.D

Acq: 02 Sep 2025 10:59

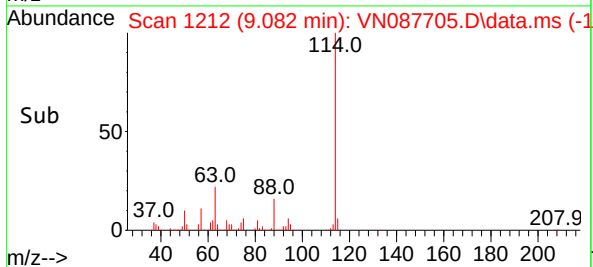
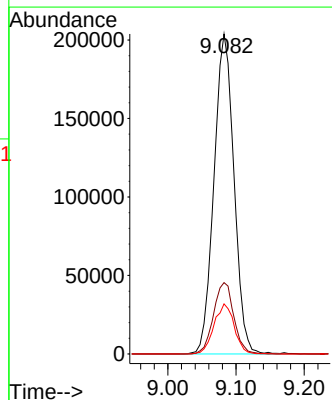
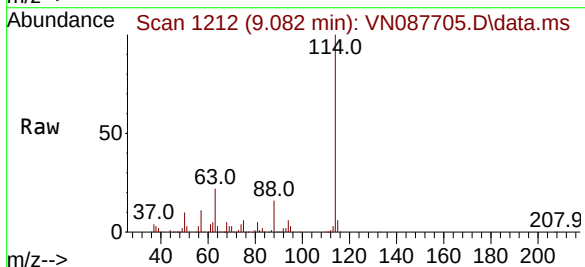
Tgt Ion: 114 Resp: 416507

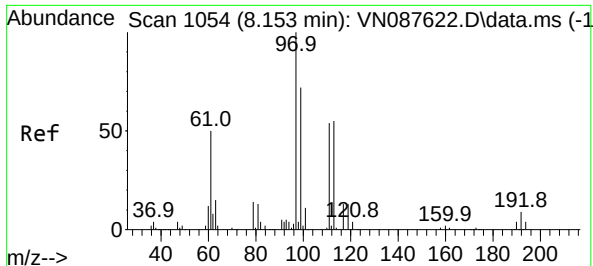
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.694 ug/l

RT: 8.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087705.D

Acq: 02 Sep 2025 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBL01

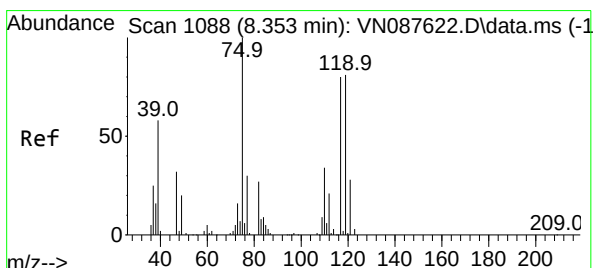
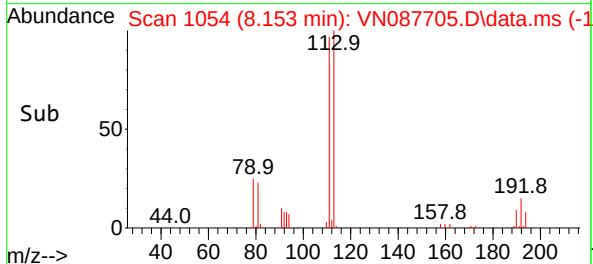
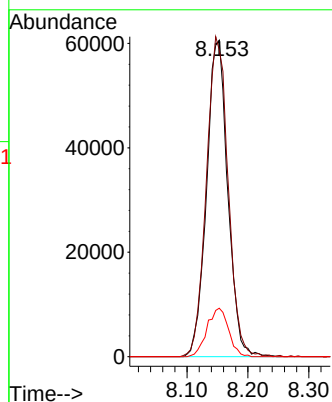
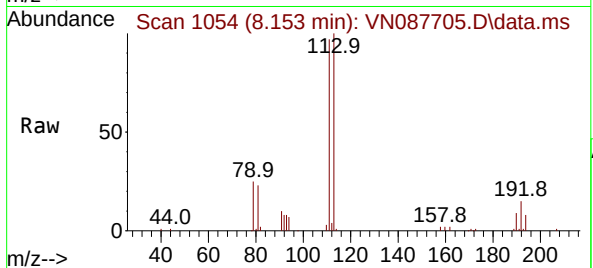
Tgt Ion:113 Resp: 146430

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 15.6 12.8 19.2



#36

1,1-Dichloropropene

Concen: 4.244 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087705.D

Acq: 02 Sep 2025 10:59

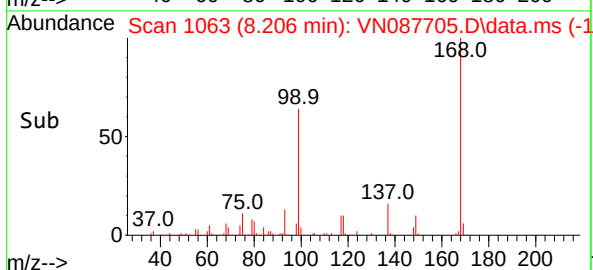
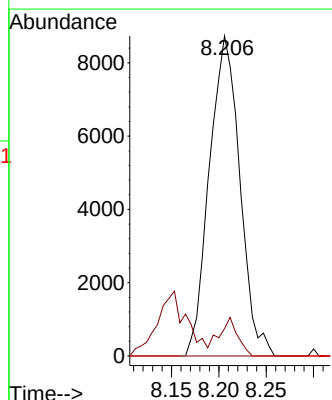
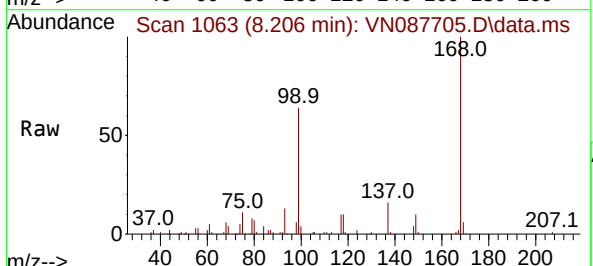
Tgt Ion: 75 Resp: 19579

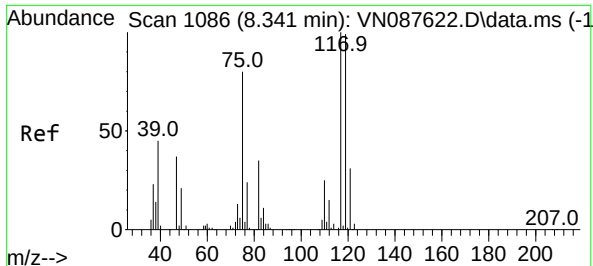
Ion Ratio Lower Upper

75 100

110 7.3 15.9 47.6#

77 0.0 24.4 36.6#

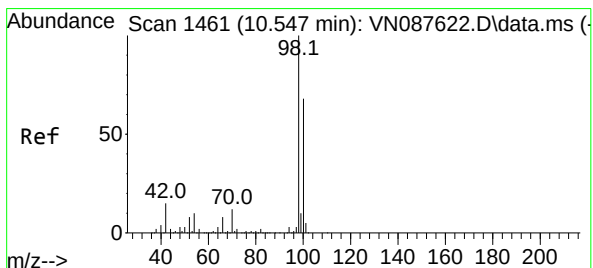
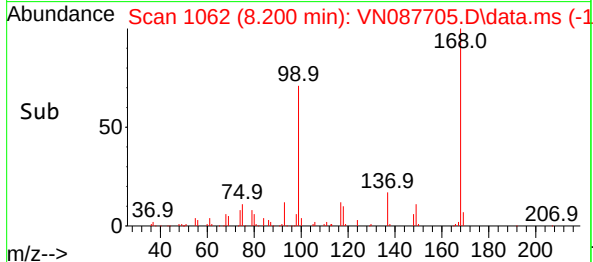
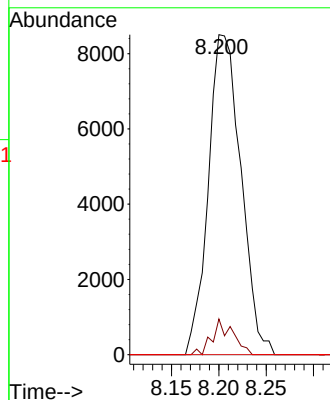
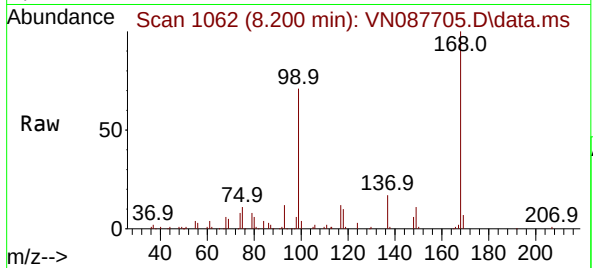




#38
Carbon Tetrachloride
Concen: 4.471 ug/l
RT: 8.200 min Scan# 1086
Delta R.T. -0.141 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

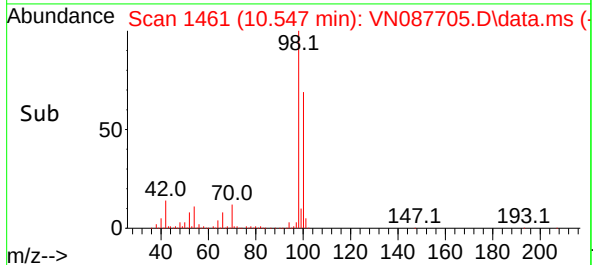
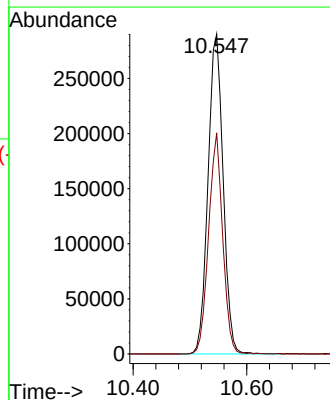
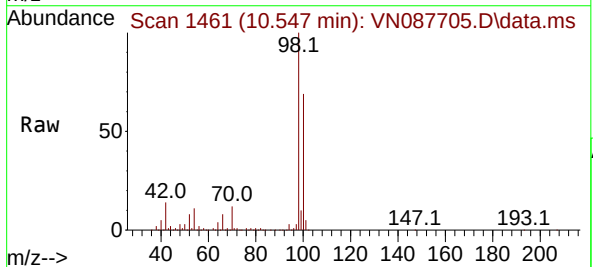
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

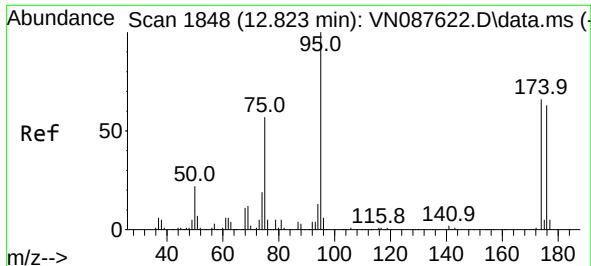
Tgt Ion:117 Resp: 20367
Ion Ratio Lower Upper
117 100
119 11.1 79.0 118.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.431 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

Tgt Ion: 98 Resp: 533849
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2

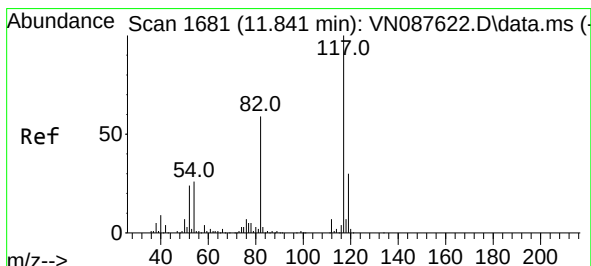
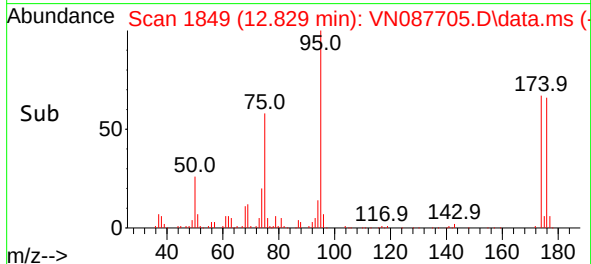
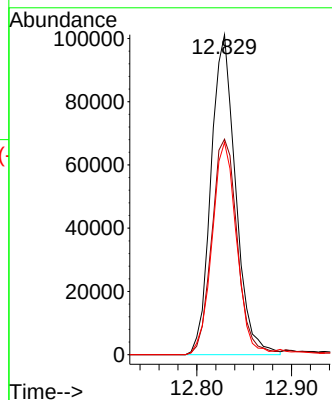
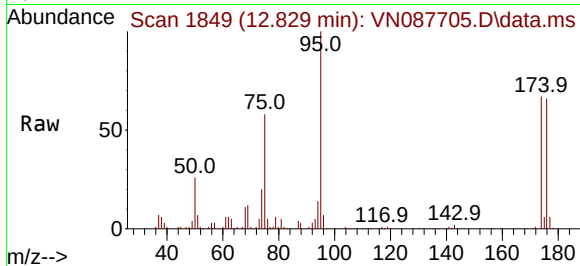




#62
4-Bromofluorobenzene
Concen: 45.666 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

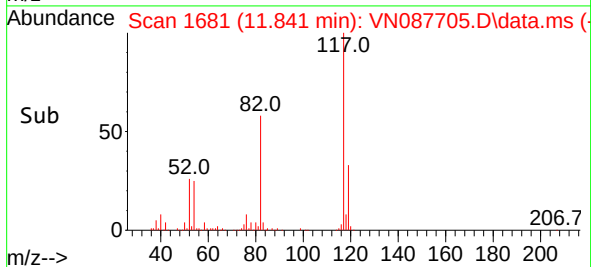
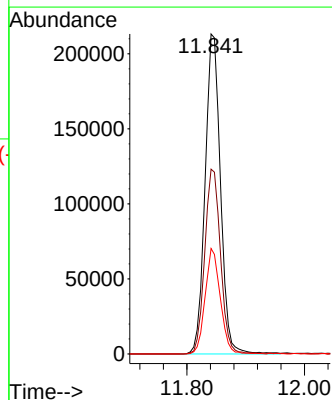
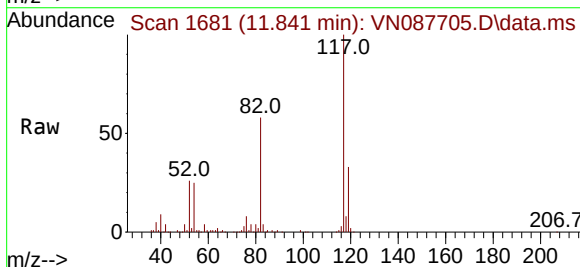
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

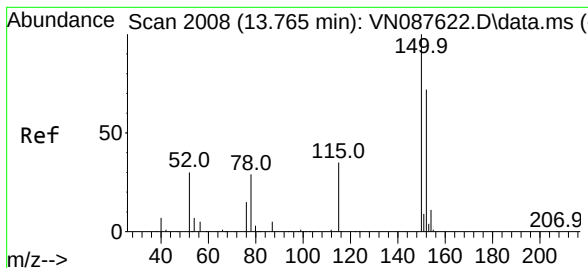
Tgt Ion: 95 Resp: 182788
Ion Ratio Lower Upper
95 100
174 70.0 0.0 138.4
176 66.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087705.D
Acq: 02 Sep 2025 10:59

Tgt Ion: 117 Resp: 386875
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.9 24.3 36.5

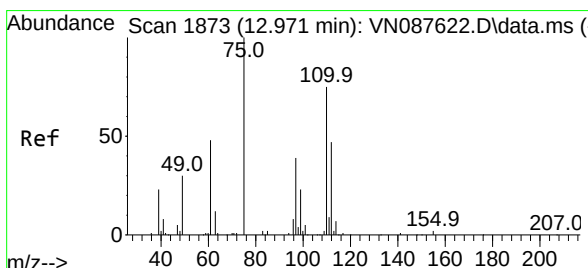
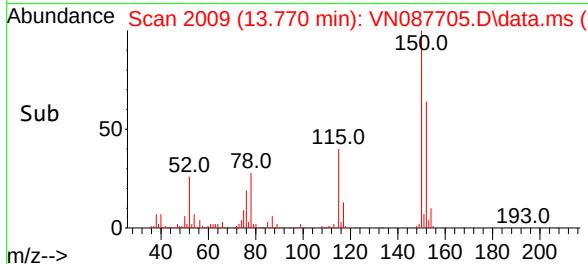
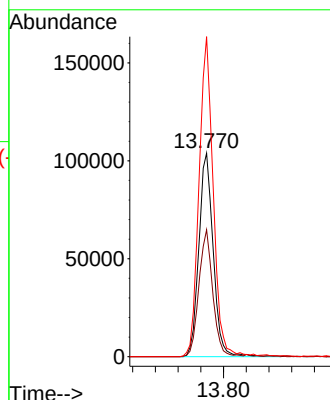
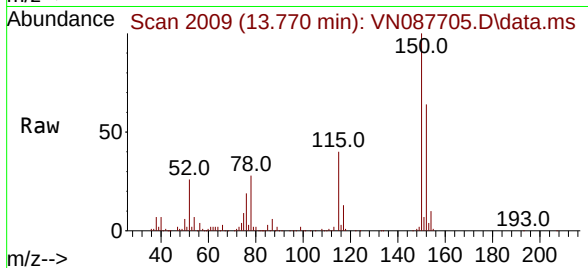




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2008
 Delta R.T. 0.006 min
 Lab File: VN087705.D
 Acq: 02 Sep 2025 10:59

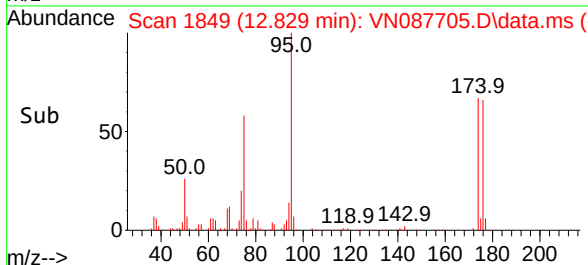
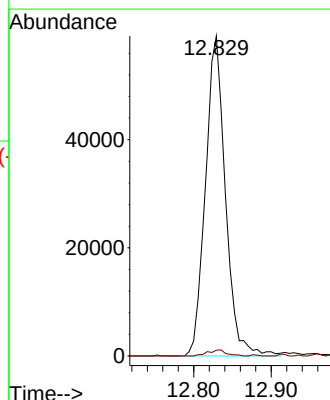
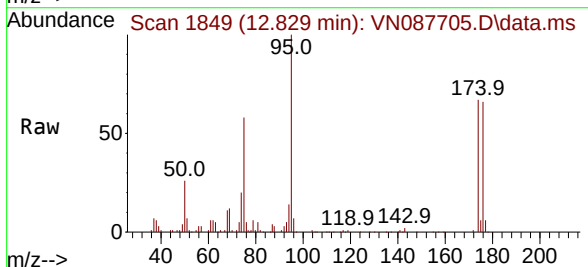
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBL01

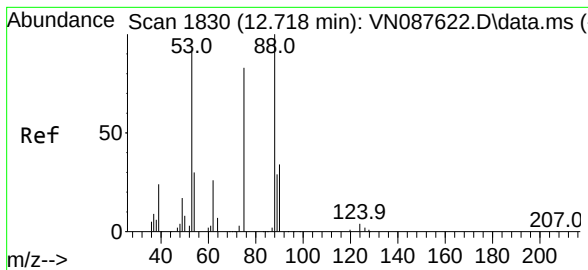
Tgt Ion:152 Resp: 182900
 Ion Ratio Lower Upper
 152 100
 115 60.3 32.3 96.8
 150 154.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 24.725 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN087705.D
 Acq: 02 Sep 2025 10:59

Tgt Ion: 75 Resp: 106046
 Ion Ratio Lower Upper
 75 100
 77 1.7 89.1 267.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.455 ug/l
 RT: 12.829 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN087705.D
 Acq: 02 Sep 2025 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBL01

Tgt Ion: 75 Resp: 106046
 Ion Ratio Lower Upper
 75 100
 53 0.1 101.8 152.6#
 89 0.1 35.6 53.4#

