

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087708.D
 Acq On : 02 Sep 2025 12:49
 Operator : JC\MD
 Sample : Q2991-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 309

Quant Time: Sep 03 01:18:43 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	8.200	168	176036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	398999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	352534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	169611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	181576	50.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.680%	
35) Dibromofluoromethane	8.141	113	138257	47.993	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.980%	
50) Toluene-d8	10.541	98	508495	47.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.320%	
62) 4-Bromofluorobenzene	12.829	95	173167	45.160	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.320%	

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	837	0.326	ug/l #	42
10) Methyl Iodide	4.553	142	6461	9.834	ug/l	98
11) Tert butyl alcohol	5.518	59	238	0.380	ug/l #	71
13) Acrolein	4.189	56	529	0.687	ug/l #	1
15) Acrylonitrile	5.712	53	394	0.223	ug/l #	58
16) Acetone	4.436	43	37231	18.962	ug/l	96
17) Carbon Disulfide	4.659	76	2288	0.327	ug/l #	74
18) Methyl Acetate	5.012	43	2336	0.568	ug/l #	54
20) Methylene Chloride	5.259	84	1405	Below Cal	#	85
25) 2-Butanone	7.488	43	1807	0.700	ug/l #	50
31) Cyclohexane	8.188	56	48930	10.786	ug/l #	51
36) 1,1-Dichloropropene	8.200	75	16458	3.724	ug/l #	52
38) Carbon Tetrachloride	8.200	117	20251	4.641	ug/l #	14
39) Methylcyclohexane	9.577	83	18632	3.829	ug/l	95
43) Isopropyl Acetate	8.671	43	15663	1.661	ug/l #	58
51) 4-Methyl-2-Pentanone	10.441	43	1222	0.215	ug/l #	62
52) Toluene	10.606	92	776501	92.403	ug/l	98
55) 1,1,2-Trichloroethane	10.982	97	3077	0.947	ug/l #	19
59) 2-Hexanone	11.147	43	3947	1.098	ug/l #	26
67) Ethyl Benzene	11.941	91	2634138	173.465	ug/l	100
68) m/p-Xylenes	12.047	106	4306156	773.213	ug/l	100
69) o-Xylene	12.376	106	1081310	198.123	ug/l	99
70) Styrene	12.376	104	56747	6.206	ug/l #	1
73) Isopropylbenzene	12.676	105	29216	2.132	ug/l	97
74) N-amyl acetate	12.465	43	7280	1.402	ug/l #	68
76) 1,2,3-Trichloropropane	12.829	75	98236	24.698	ug/l #	1
78) n-propylbenzene	13.017	91	57440	3.402	ug/l	95
79) 2-Chlorotoluene	13.070	91	24627	2.424	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.153	105	54538	4.691	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.829	75	98236	65.385	ug/l #	1
82) 4-Chlorotoluene	13.147	91	6663	0.624	ug/l #	45
83) tert-Butylbenzene	13.459	119	27465	2.835	ug/l #	75
84) 1,2,4-Trimethylbenzene	13.459	105	215149	18.485	ug/l	97
85) sec-Butylbenzene	13.588	105	11033	0.767	ug/l	84
86) p-Isopropyltoluene	13.653	119	11122	0.937	ug/l	91
88) 1,4-Dichlorobenzene	13.782	146	1874	0.283	ug/l #	1

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Quant Time: Sep 03 01:18:43 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

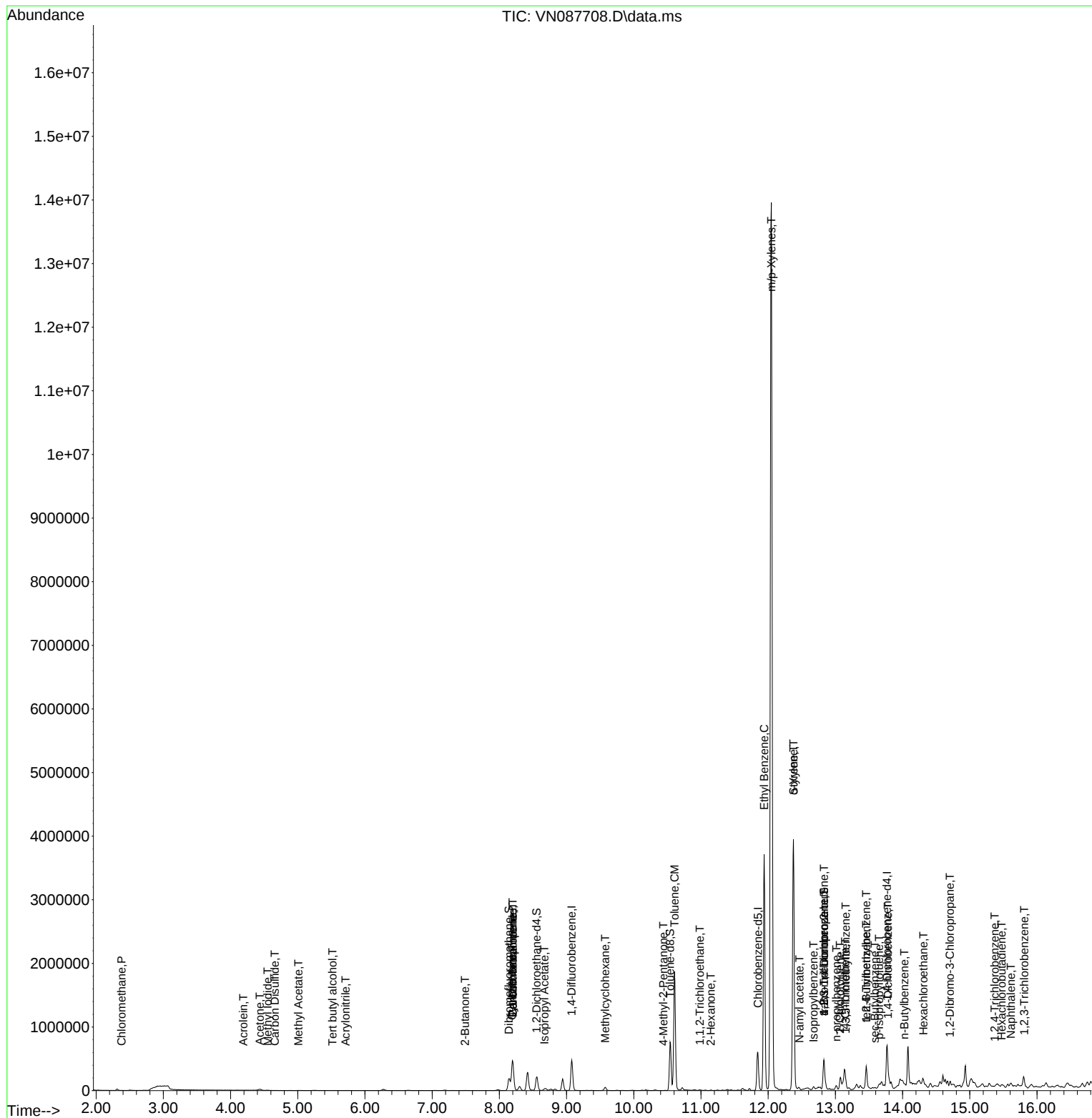
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.029	91	21658	1.837	ug/l #	83
90) Hexachloroethane	14.312	117	5952	2.631	ug/l #	23
92) 1,2-Dibromo-3-Chloropr...	14.706	75	250	0.223	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.370	180	1835	0.506	ug/l #	74
94) Hexachlorobutadiene	15.476	225	1246	0.964	ug/l #	67
95) Naphthalene	15.611	128	69192	5.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	2332	0.658	ug/l #	20

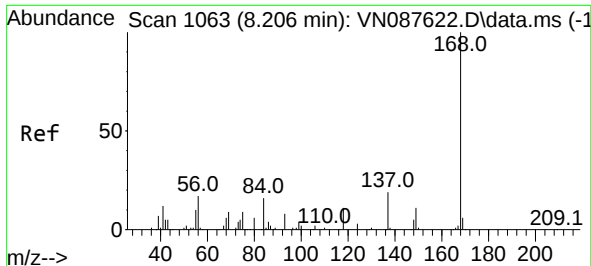
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

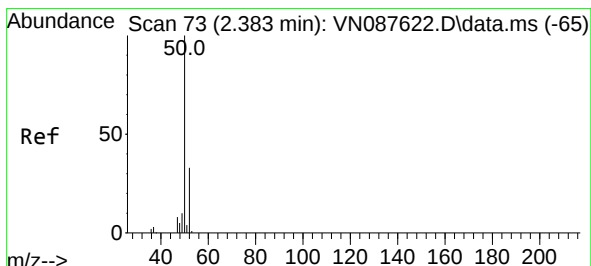
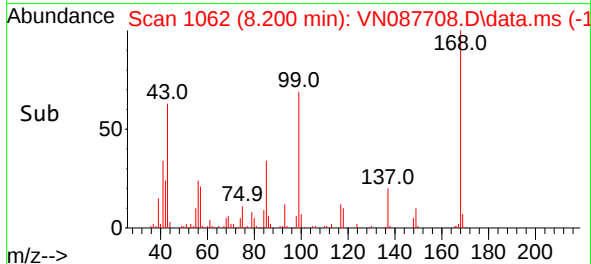
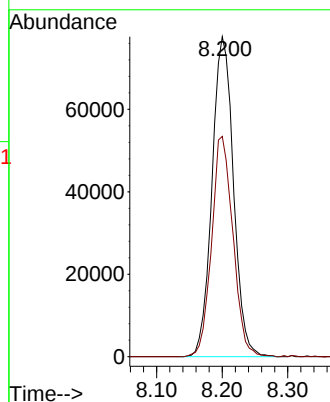
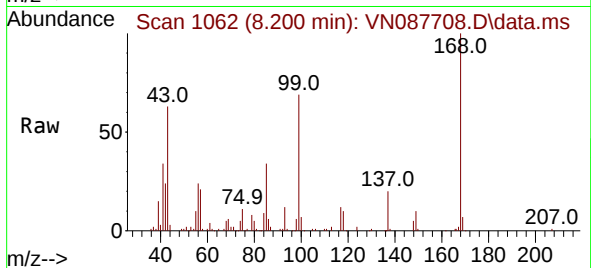




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

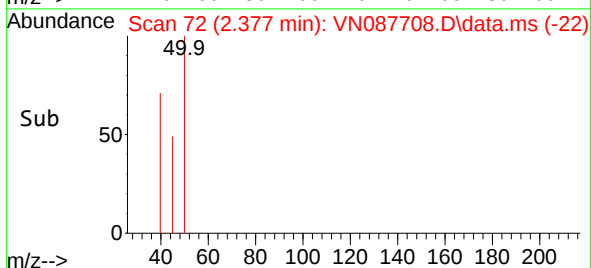
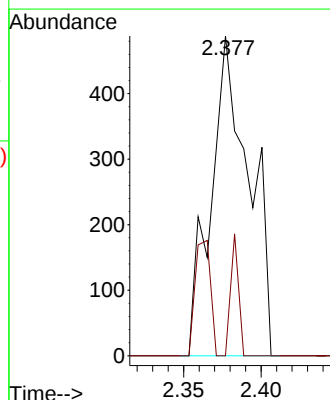
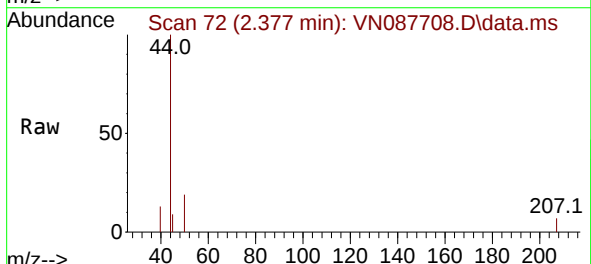
Instrument :
MSVOA_N
ClientSampleId :
309

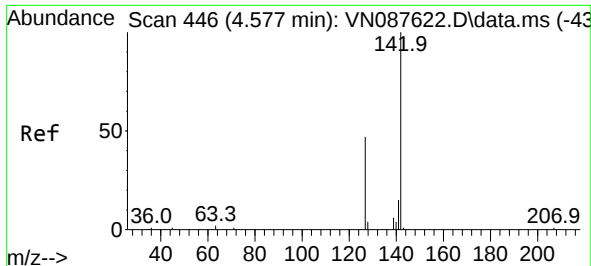
Tgt Ion:168 Resp: 176036
Ion Ratio Lower Upper
168 100
99 68.9 57.2 85.8



#3
Chloromethane
Concen: 0.326 ug/l
RT: 2.377 min Scan# 72
Delta R.T. -0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

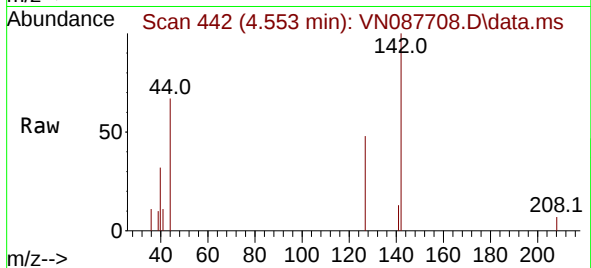
Tgt Ion: 50 Resp: 837
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#



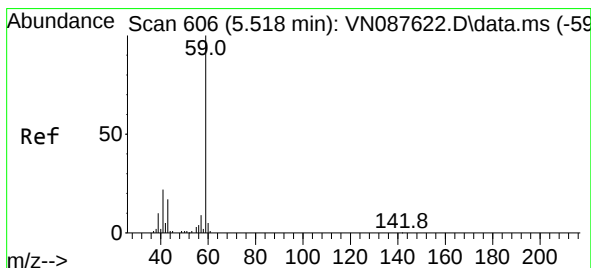
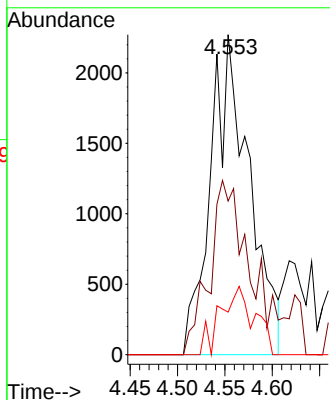
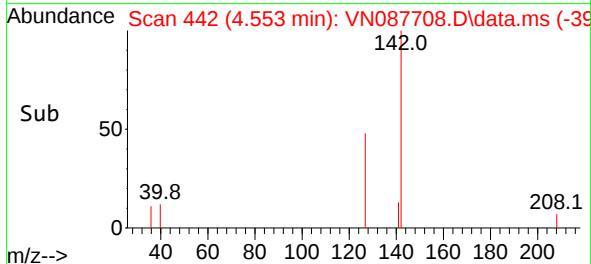


#10
Methyl Iodide
Concen: 9.834 ug/l
RT: 4.553 min Scan# 446
Delta R.T. -0.024 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Instrument :
MSVOA_N
ClientSampleId :
309

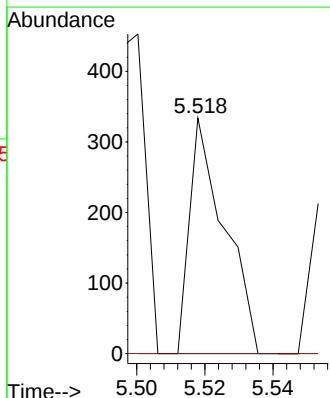
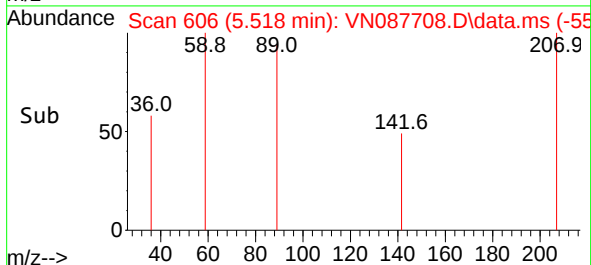
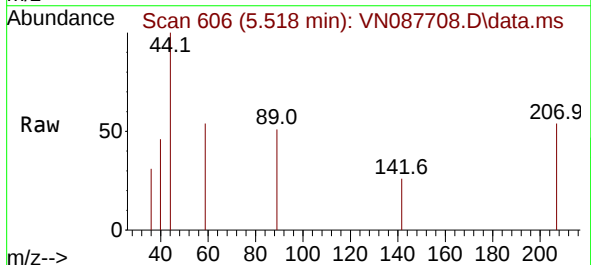


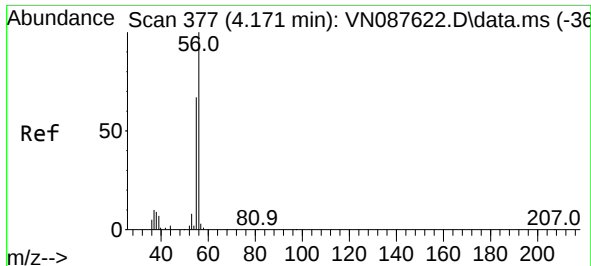
Tgt Ion:142 Resp: 6461
Ion Ratio Lower Upper
142 100
127 48.0 38.0 57.0
141 13.3 12.0 18.0



#11
Tert butyl alcohol
Concen: 0.380 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

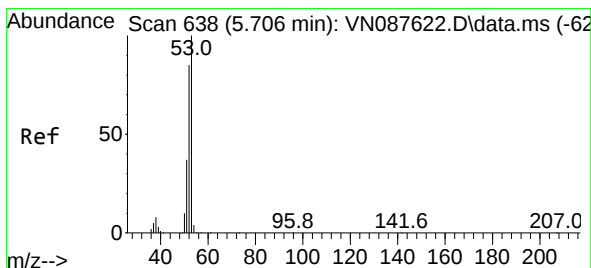
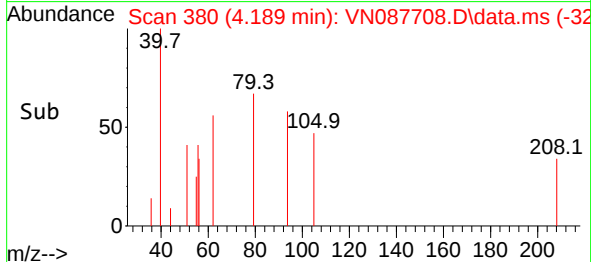
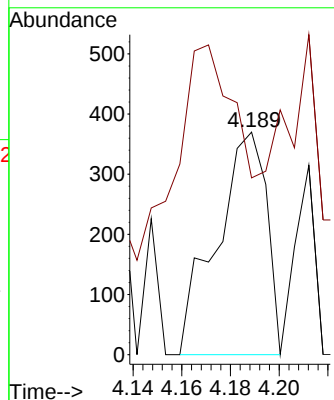
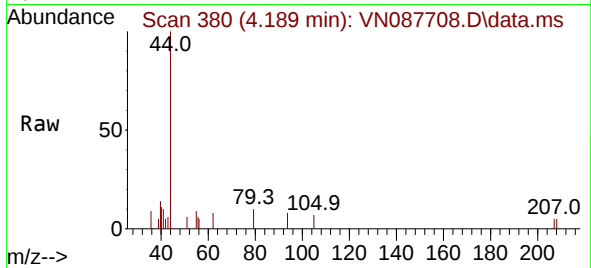




#13
Acrolein
Concen: 0.687 ug/l
RT: 4.189 min Scan# 309
Delta R.T. 0.018 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

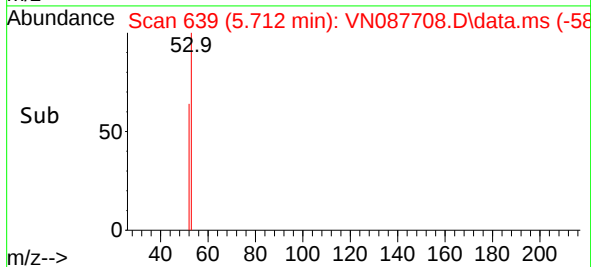
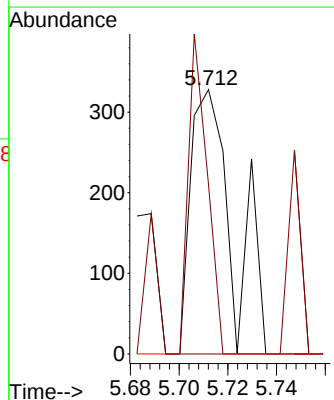
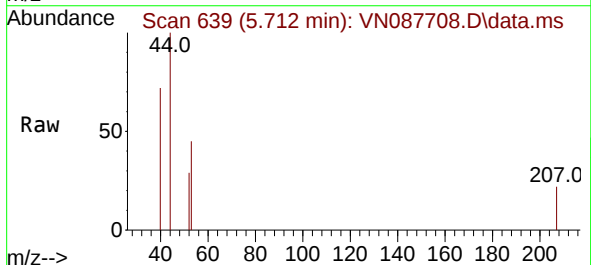
Instrument :
MSVOA_N
ClientSampleId :
309

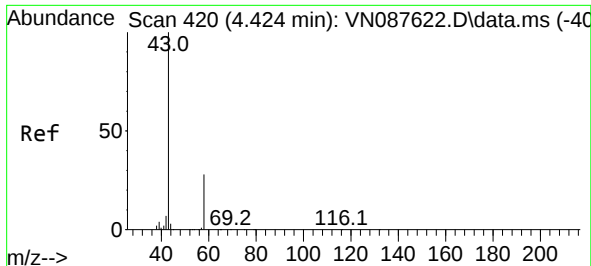
Tgt Ion: 56 Resp: 529
Ion Ratio Lower Upper
56 100
55 198.7 57.3 85.9#



#15
Acrylonitrile
Concen: 0.223 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 53 Resp: 394
Ion Ratio Lower Upper
53 100
52 54.3 67.6 101.4#
51 0.0 30.1 45.1#

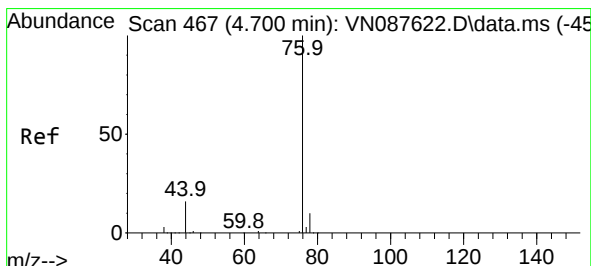
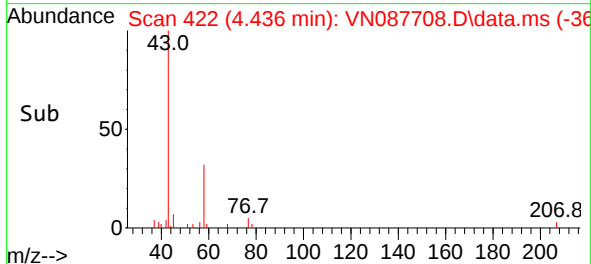
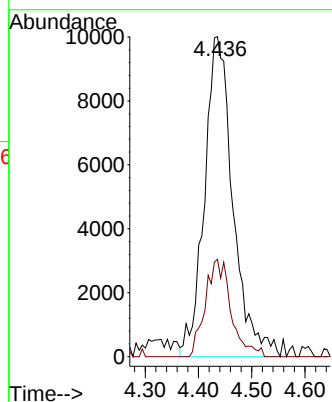
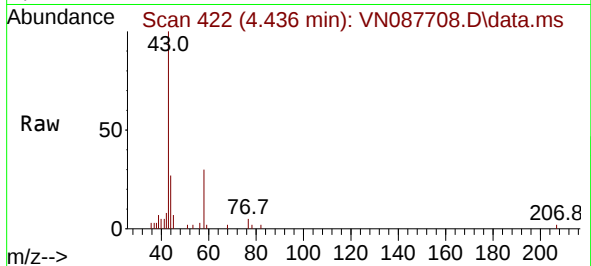




#16
Acetone
Concen: 18.962 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

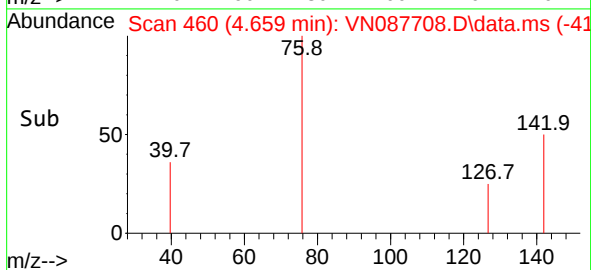
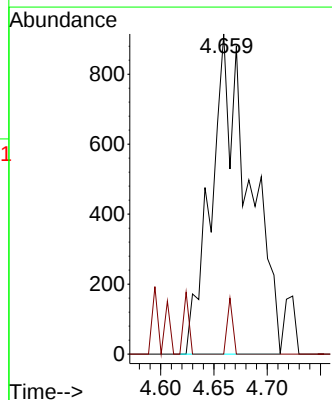
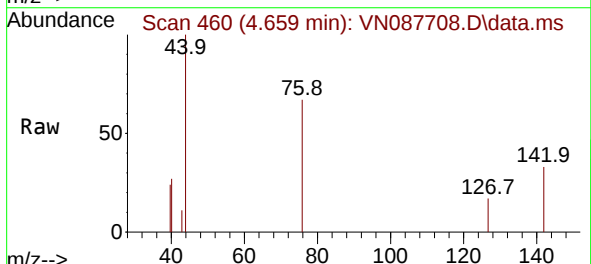
Instrument :
MSVOA_N
ClientSampleId :
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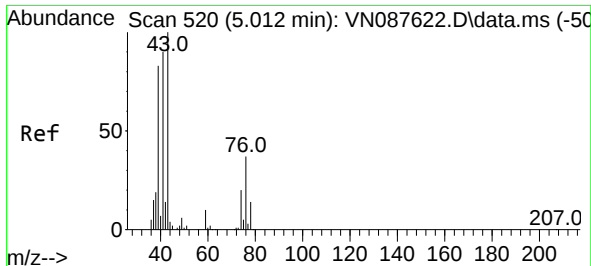
Tgt Ion: 43 Resp: 37231
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8



#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 4.659 min Scan# 460
Delta R.T. -0.041 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 76 Resp: 2288
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#





#18

Methyl Acetate

Concen: 0.568 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

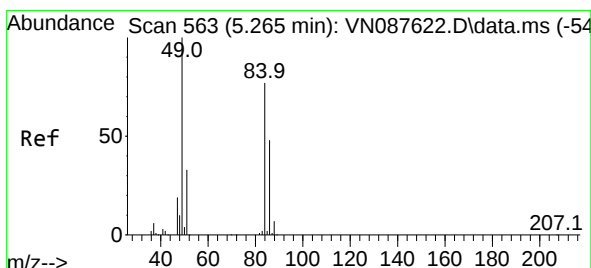
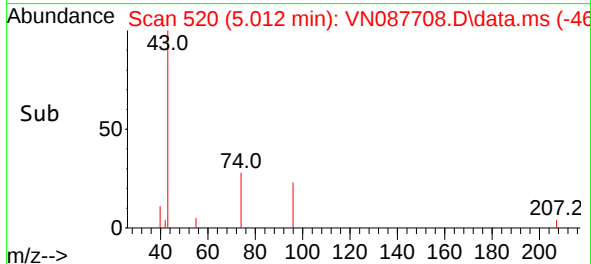
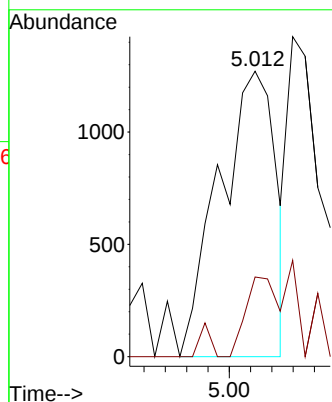
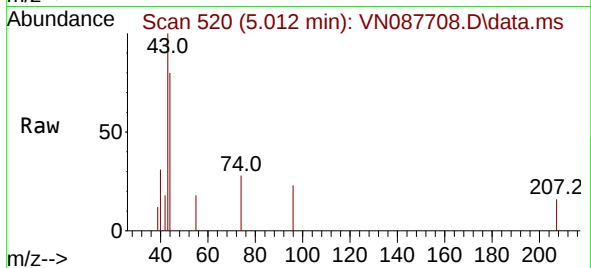
309

Tgt Ion: 43 Resp: 2336

Ion Ratio Lower Upper

43 100

74 0.0 17.6 26.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.259 min Scan# 562

Delta R.T. -0.006 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

Tgt Ion: 84 Resp: 1405

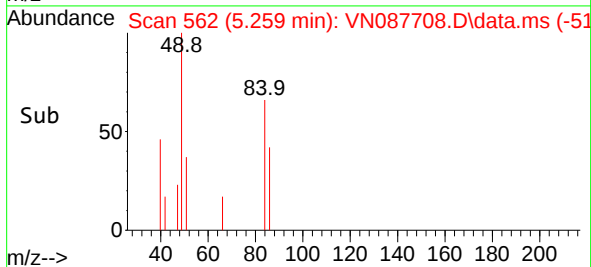
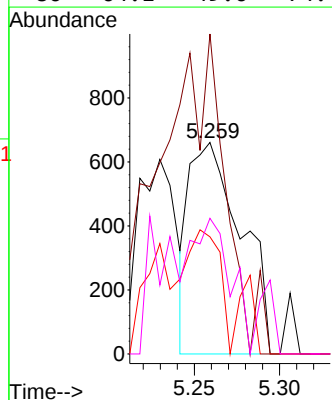
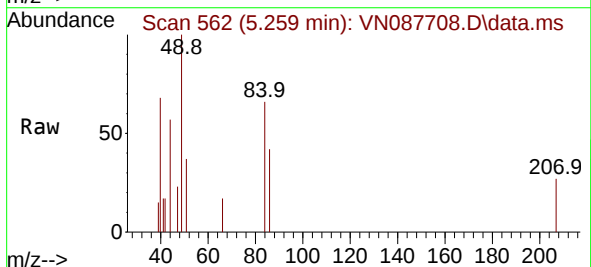
Ion Ratio Lower Upper

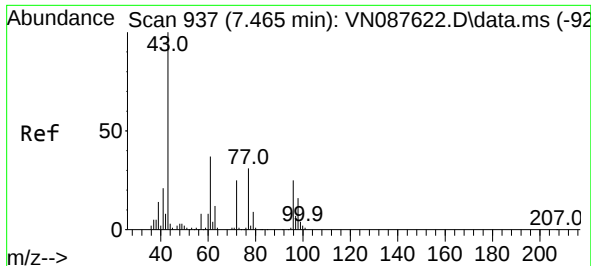
84 100

49 151.3 103.4 155.2

51 55.4 33.8 50.8#

86 64.1 49.6 74.4

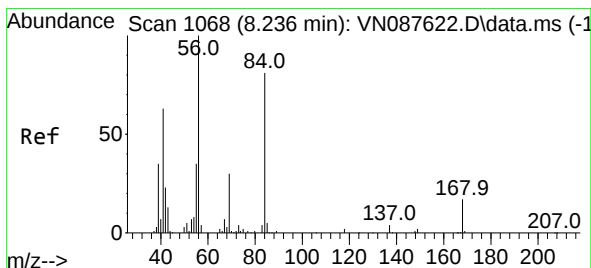
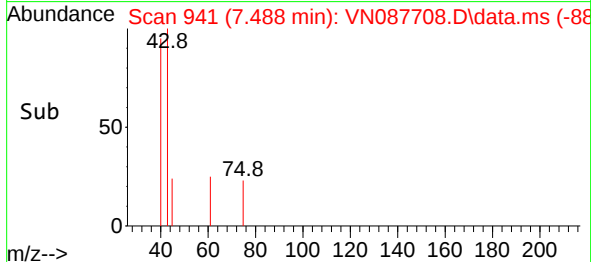
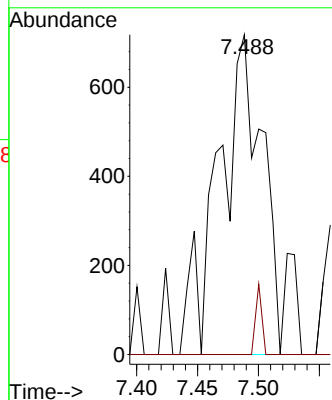
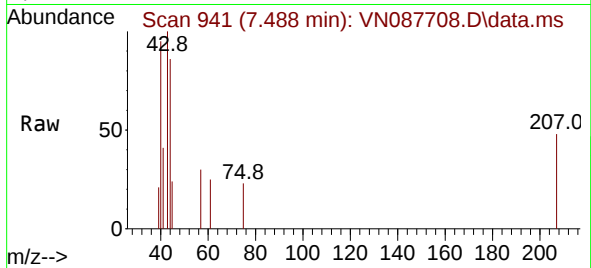




#25
2-Butanone
Concen: 0.700 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

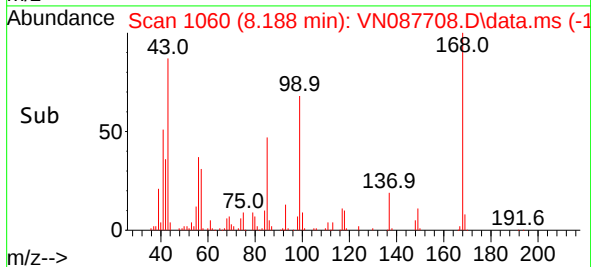
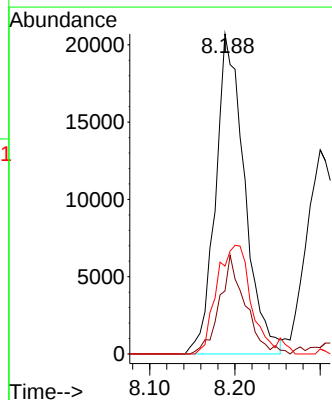
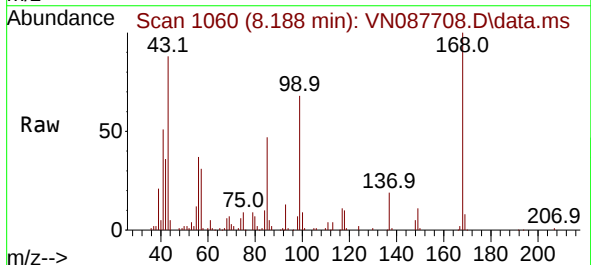
Instrument :
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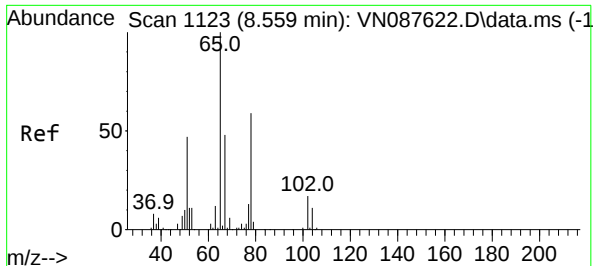
Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 10.786 ug/l
RT: 8.188 min Scan# 1060
Delta R.T. -0.047 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 56 Resp: 48930
Ion Ratio Lower Upper
56 100
69 19.7 23.7 35.5#
84 27.5 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 50.343 ug/l

RT: 8.553 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

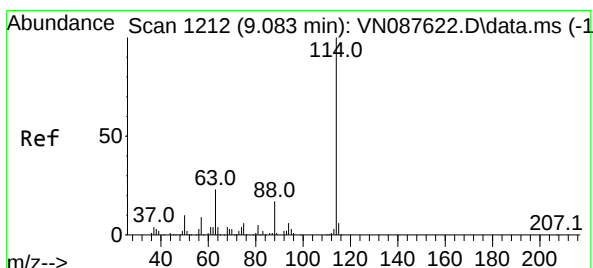
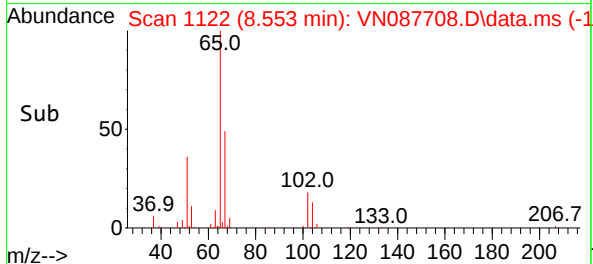
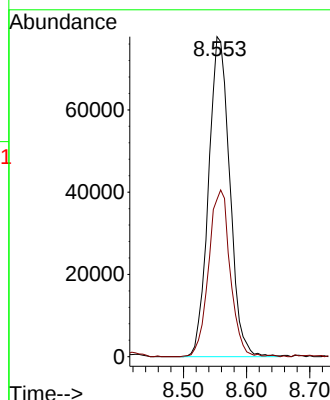
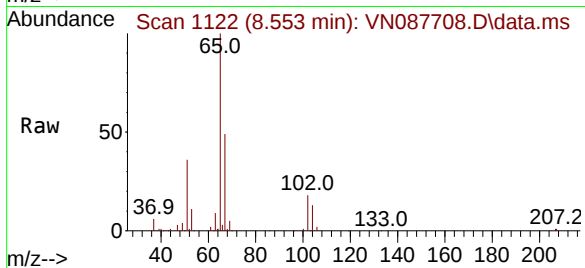
309

Tgt Ion: 65 Resp: 181576

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

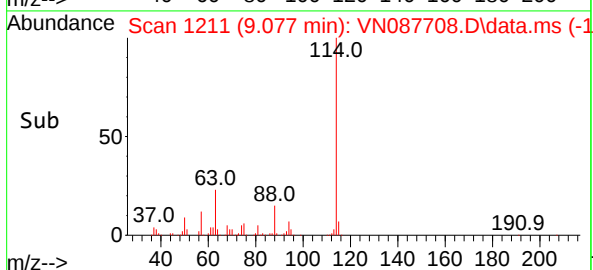
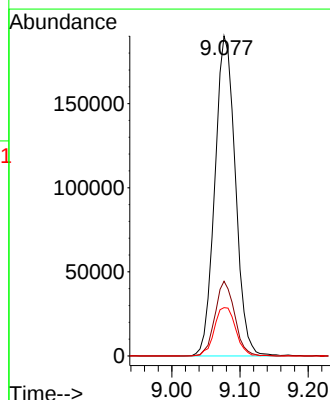
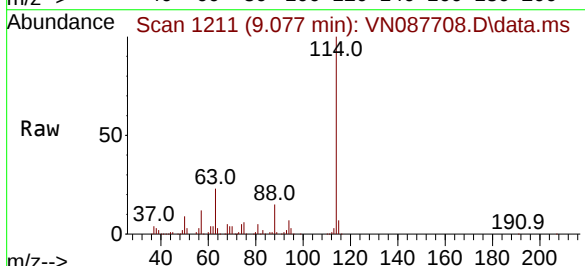
Tgt Ion: 114 Resp: 398999

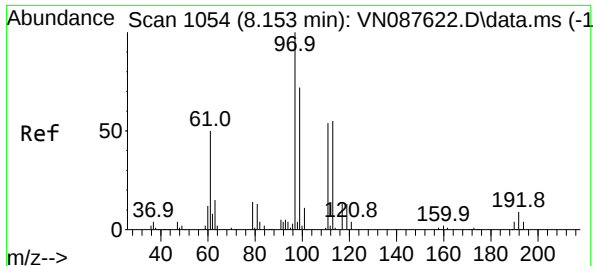
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.993 ug/l

RT: 8.141 min Scan# 1052

Delta R.T. -0.012 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

309

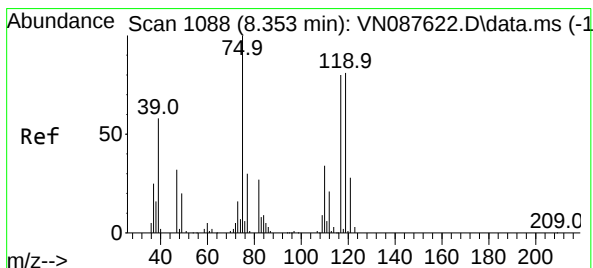
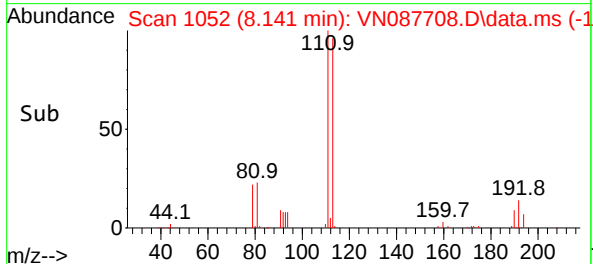
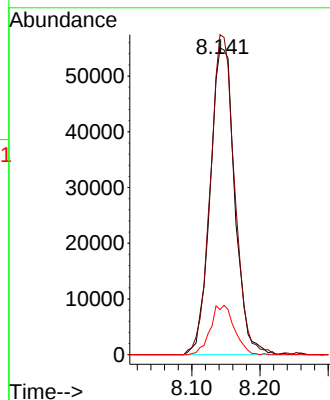
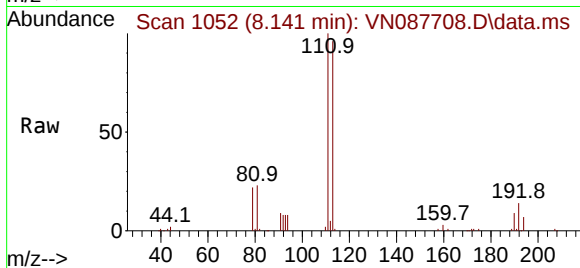
Tgt Ion:113 Resp: 138257

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 15.6 12.8 19.2



#36

1,1-Dichloropropene

Concen: 3.724 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

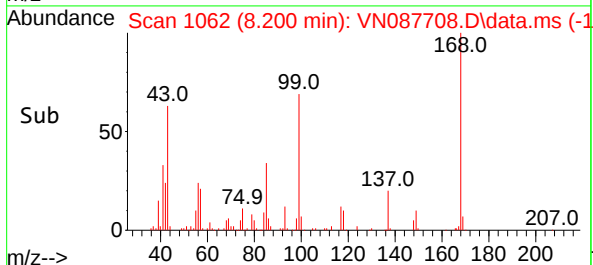
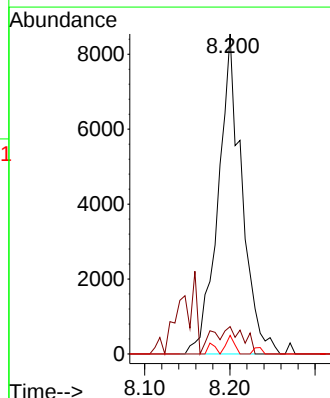
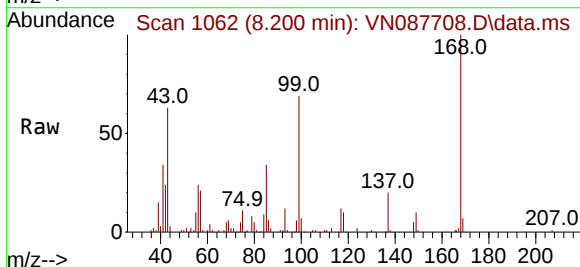
Tgt Ion: 75 Resp: 16458

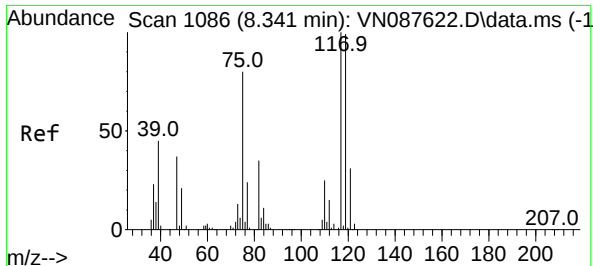
Ion Ratio Lower Upper

75 100

110 7.0 15.9 47.6#

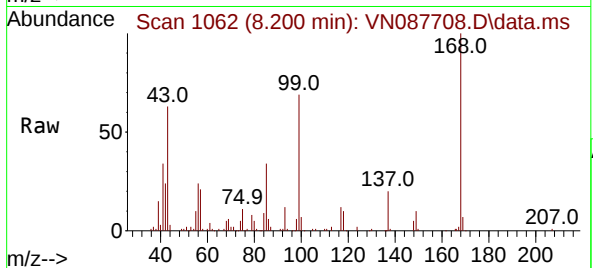
77 2.0 24.4 36.6#



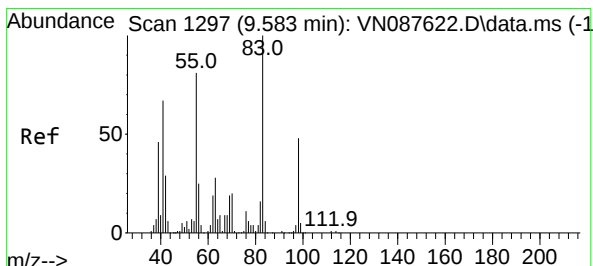
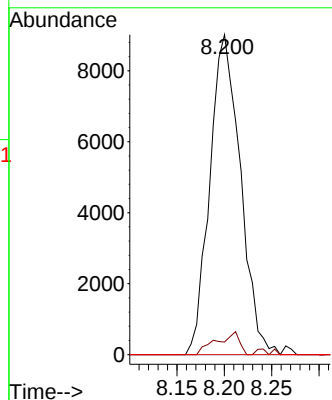
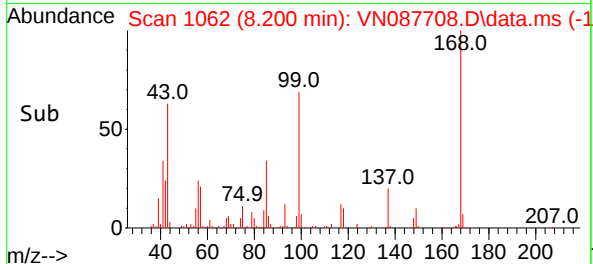


#38
Carbon Tetrachloride
Concen: 4.641 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Instrument :
MSVOA_N
ClientSampleId :
309

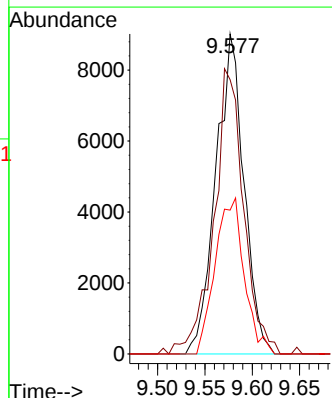
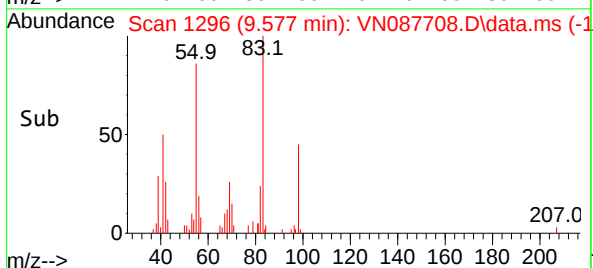
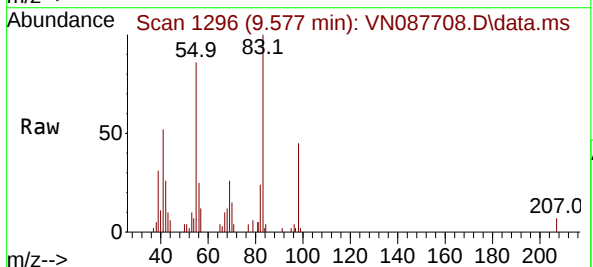


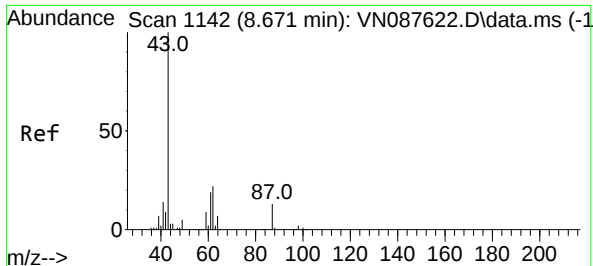
Tgt Ion:117 Resp: 20251
Ion Ratio Lower Upper
117 100
119 4.0 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 3.829 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 83 Resp: 18632
Ion Ratio Lower Upper
83 100
55 85.7 64.6 96.8
98 44.9 38.4 57.6





#43

Isopropyl Acetate

Concen: 1.661 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

309

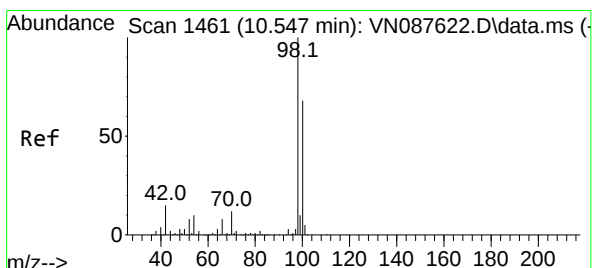
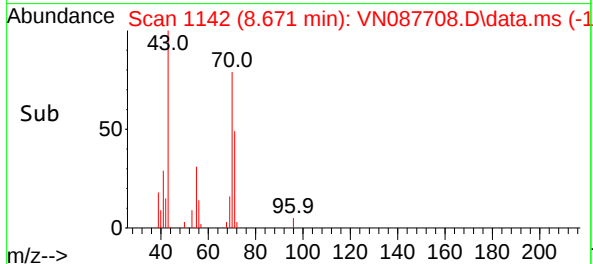
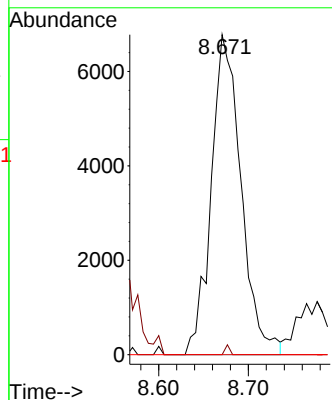
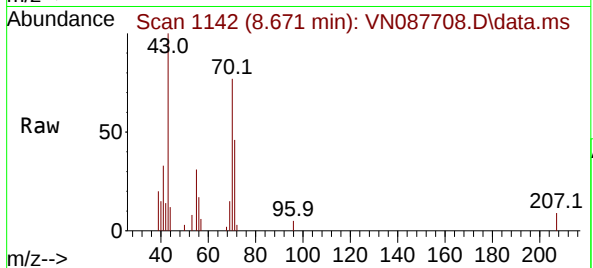
Tgt Ion: 43 Resp: 15663

Ion Ratio Lower Upper

43 100

61 0.0 18.8 28.2#

87 0.0 9.6 14.4#



#50

Toluene-d8

Concen: 47.161 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN087708.D

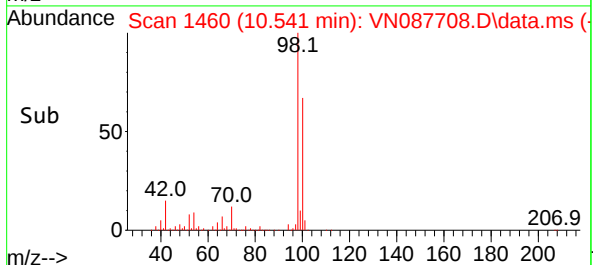
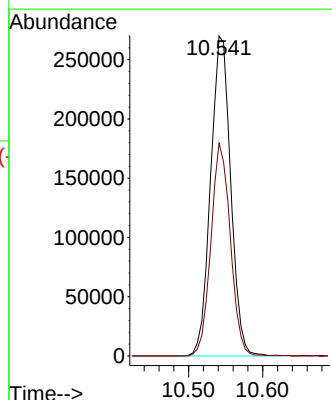
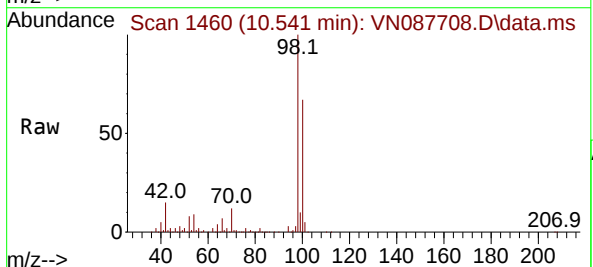
Acq: 02 Sep 2025 12:49

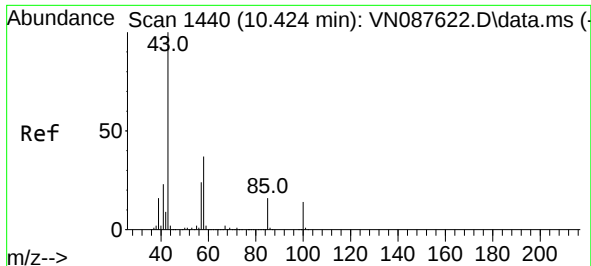
Tgt Ion: 98 Resp: 508495

Ion Ratio Lower Upper

98 100

100 64.2 52.8 79.2

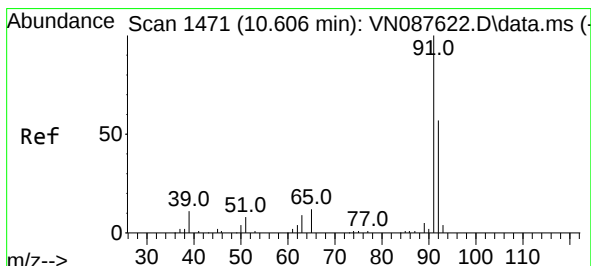
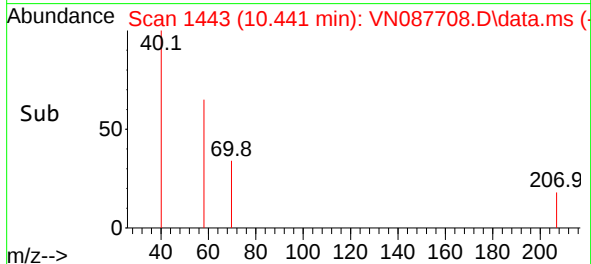
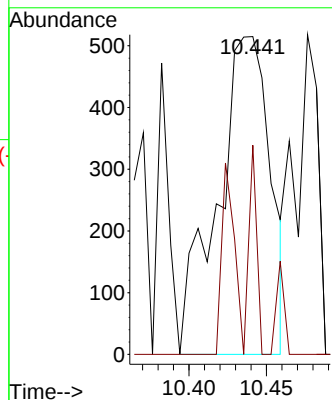
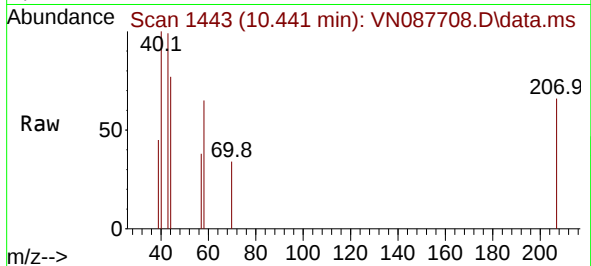




#51
4-Methyl-2-Pentanone
Concen: 0.215 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.018 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

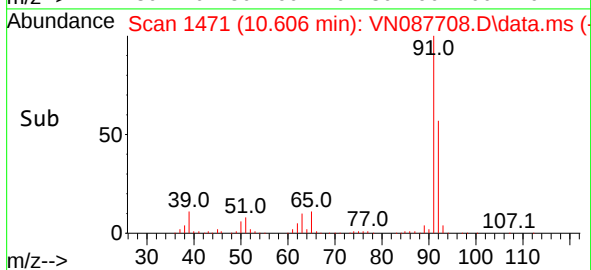
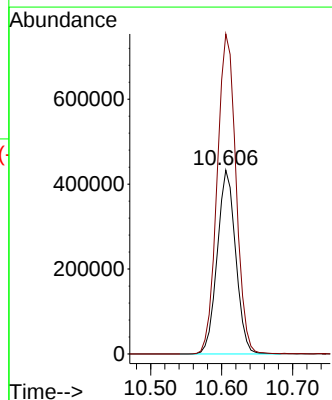
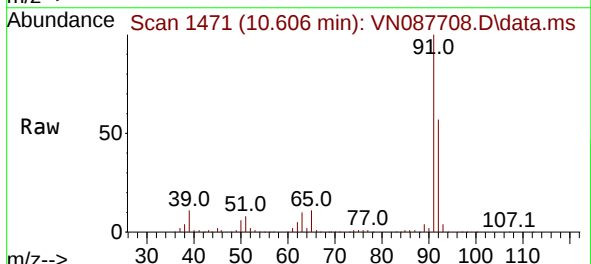
Instrument :
MSVOA_N
ClientSampleId :
309

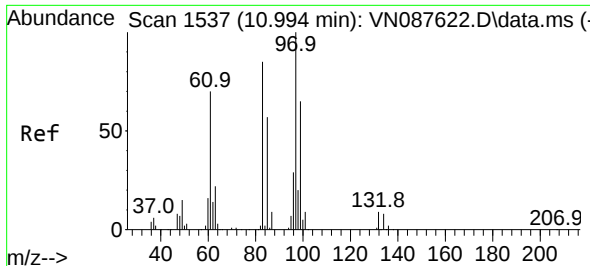
Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 14.3 29.6 44.4#



#52
Toluene
Concen: 92.403 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

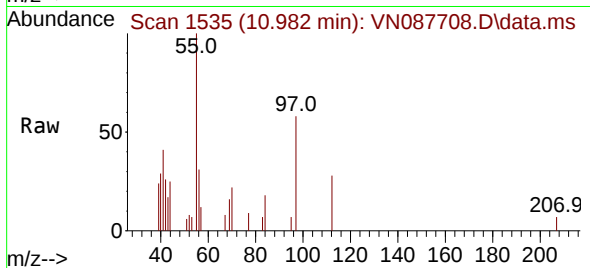
Tgt Ion: 92 Resp: 776501
Ion Ratio Lower Upper
92 100
91 178.3 140.4 210.6



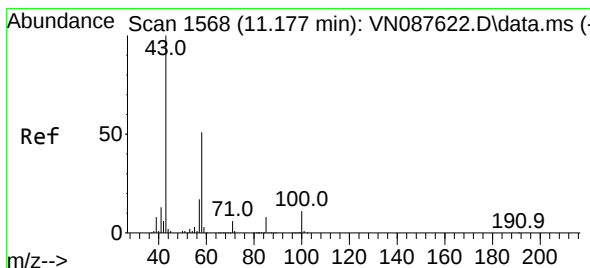
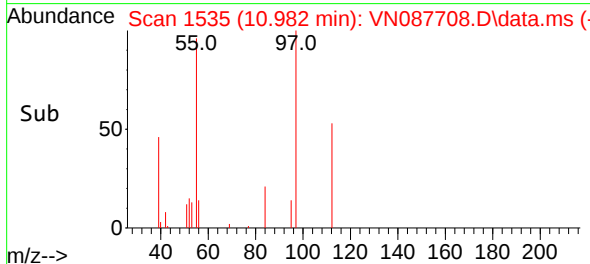
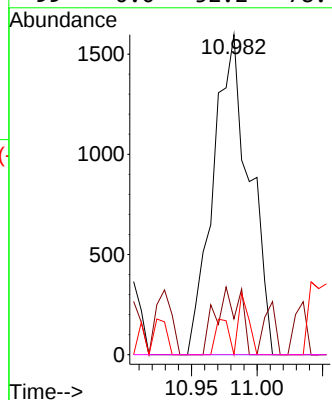


#55
1,1,2-Trichloroethane
Concen: 0.947 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Instrument :
MSVOA_N
ClientSampleId :
309

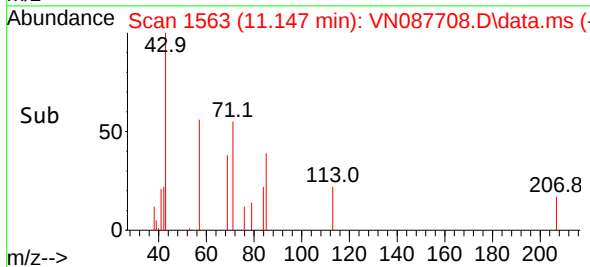
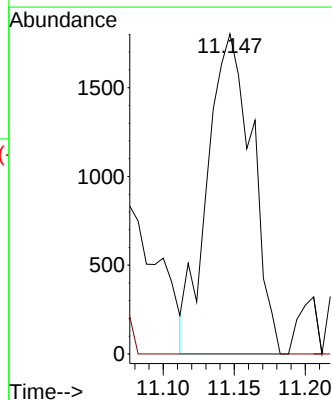
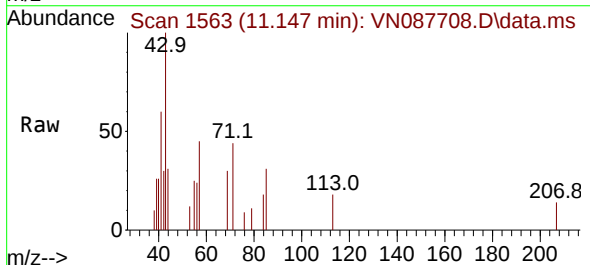


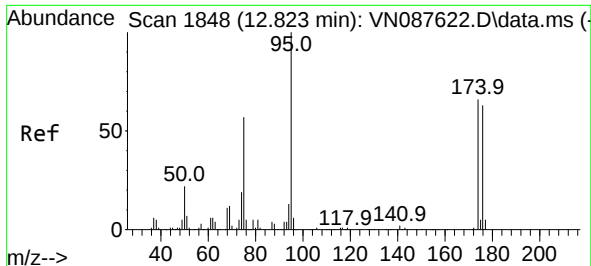
Tgt Ion:	97	Resp:	3077
Ion	Ratio	Lower	Upper
97	100		
83	11.2	68.2	102.4#
85	0.0	45.5	68.3#
99	0.0	52.2	78.4#



#59
2-Hexanone
Concen: 1.098 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.030 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion:	43	Resp:	3947
Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.8#

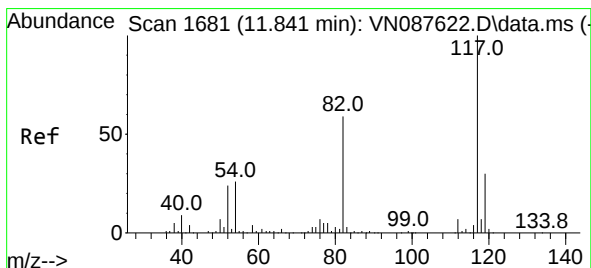
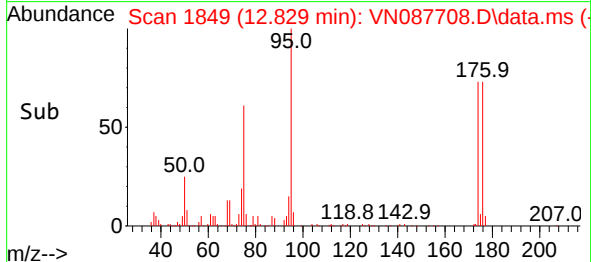
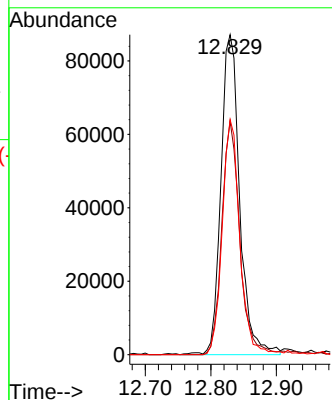
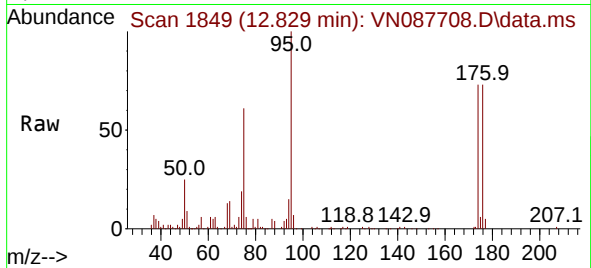




#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 12.829 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

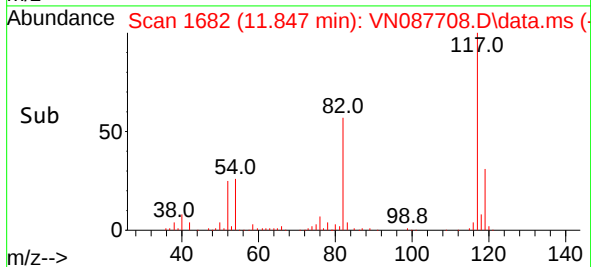
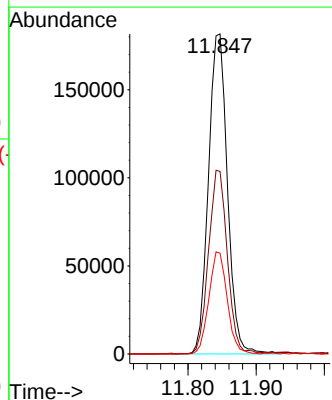
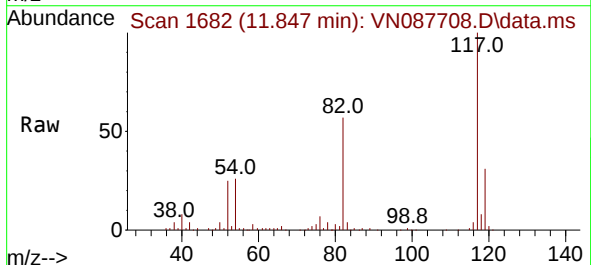
Instrument :
MSVOA_N
ClientSampleId :
309

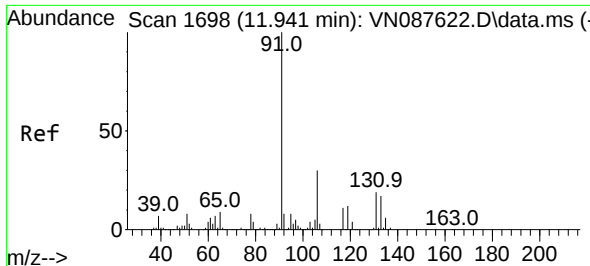
Tgt Ion: 95 Resp: 173167
Ion Ratio Lower Upper
95 100
174 69.4 0.0 138.4
176 68.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 117 Resp: 352534
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.5 24.3 36.5

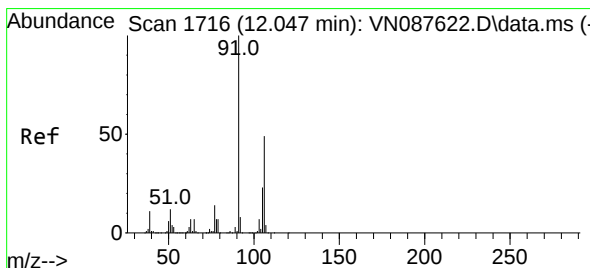
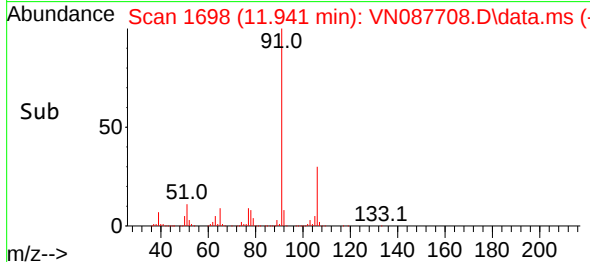
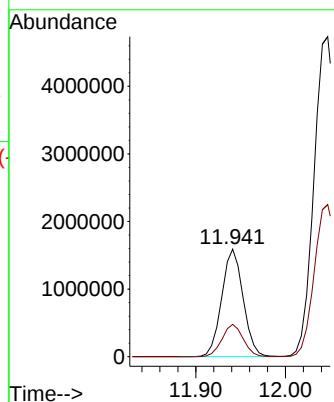
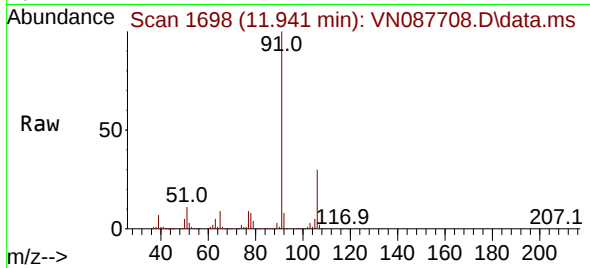




#67
Ethyl Benzene
Concen: 173.465 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

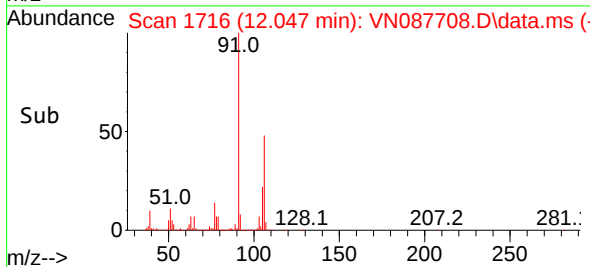
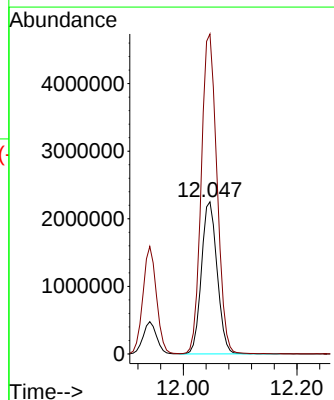
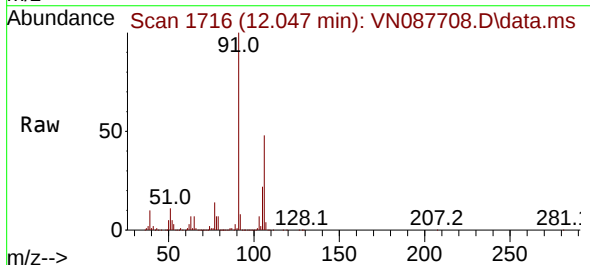
Instrument :
MSVOA_N
ClientSampleId :
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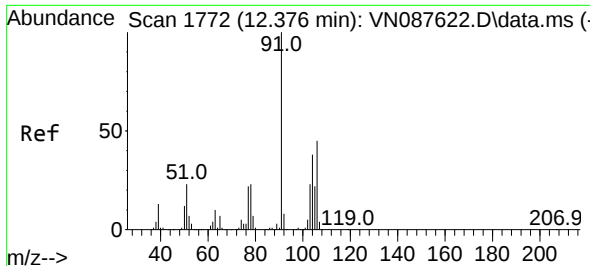
Tgt Ion: 91 Resp: 2634138
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1



#68
m/p-Xylenes
Concen: 773.213 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion:106 Resp: 4306156
Ion Ratio Lower Upper
106 100
91 211.2 169.3 253.9

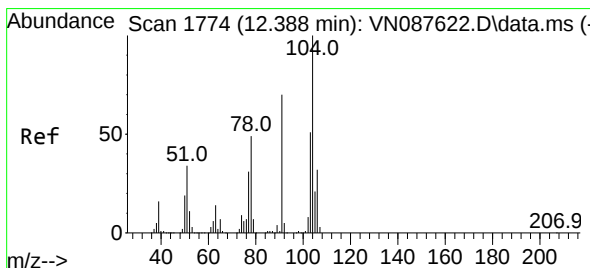
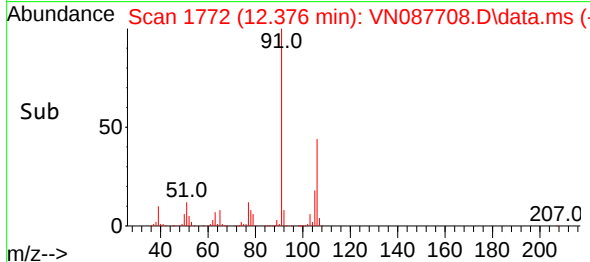
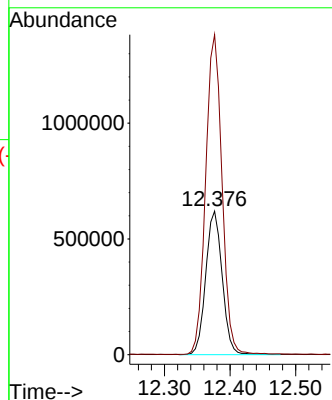
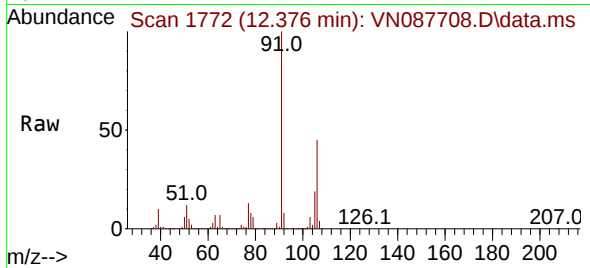




#69
o-Xylene
Concen: 198.123 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

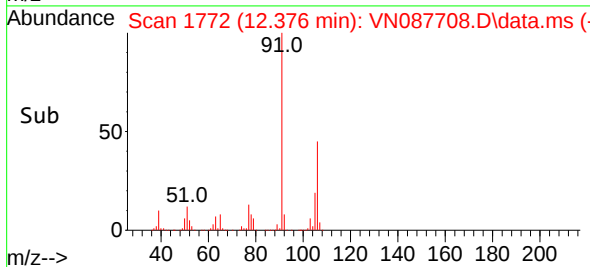
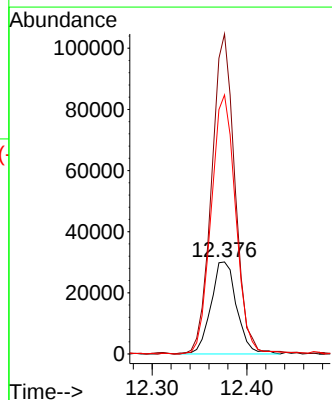
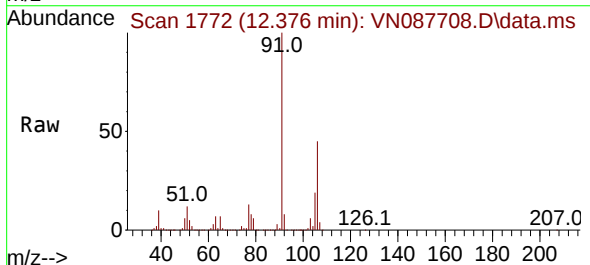
Instrument :
MSVOA_N
ClientSampleId :
309

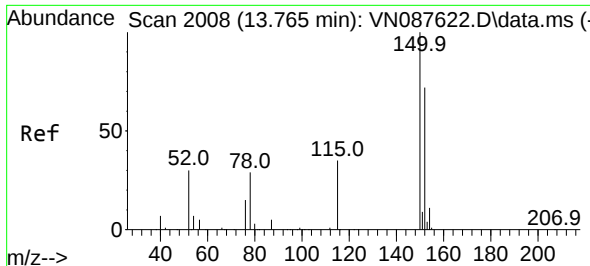
Tgt Ion:106 Resp: 1081310
Ion Ratio Lower Upper
106 100
91 222.0 111.4 334.2



#70
Styrene
Concen: 6.206 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion:104 Resp: 56747
Ion Ratio Lower Upper
104 100
78 316.4 42.2 63.2#
103 269.1 43.4 65.2#

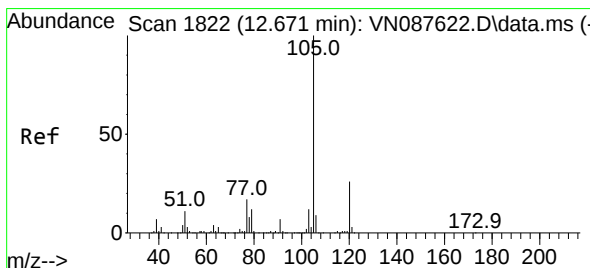
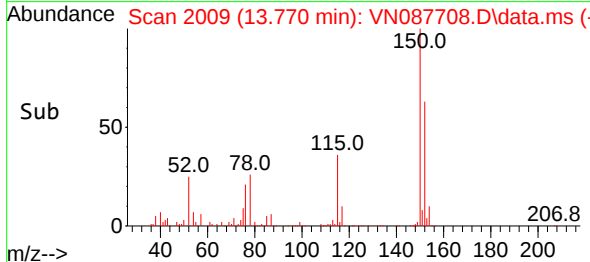
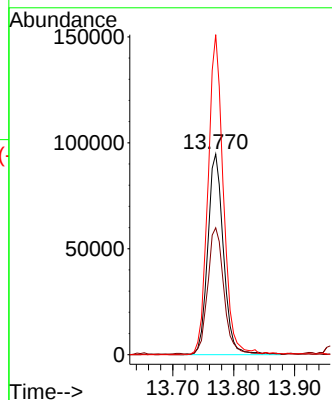
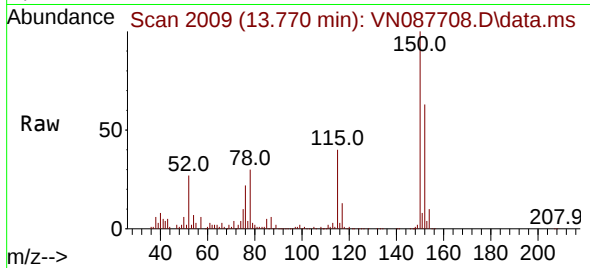




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2008
Delta R.T. 0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

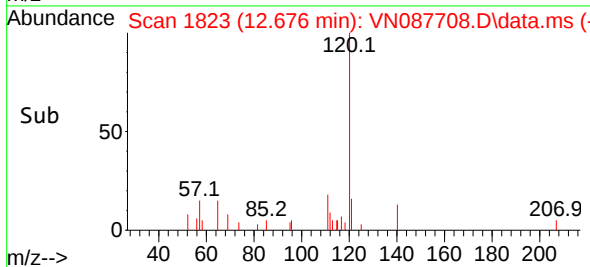
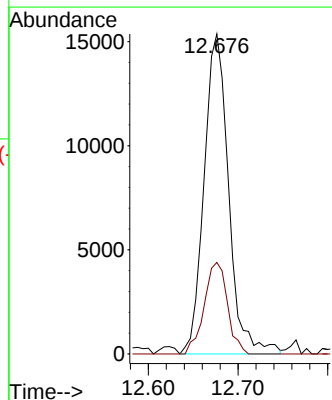
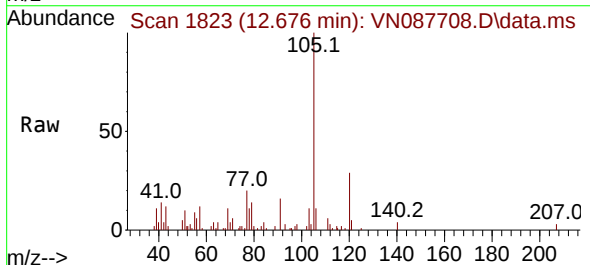
Instrument :
MSVOA_N
ClientSampleId :
309

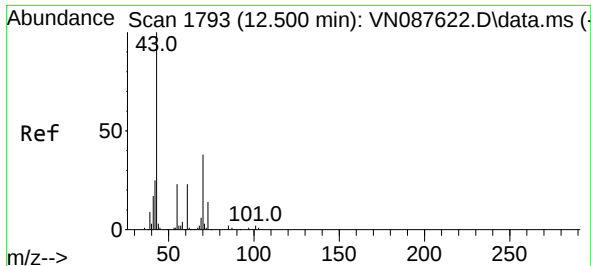
Tgt Ion:152 Resp: 169611
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 156.0 0.0 351.0



#73
Isopropylbenzene
Concen: 2.132 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion:105 Resp: 29216
Ion Ratio Lower Upper
105 100
120 27.1 12.8 38.3

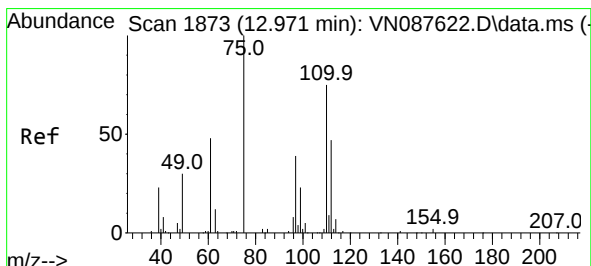
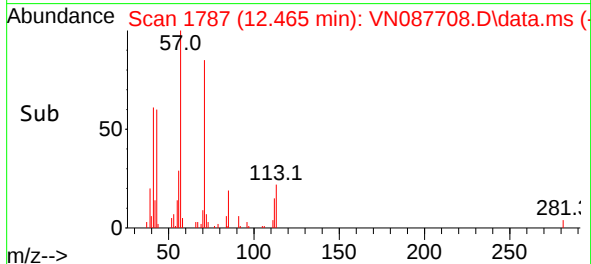
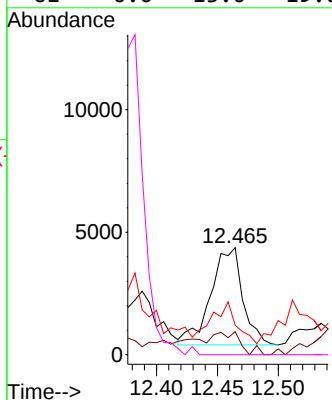
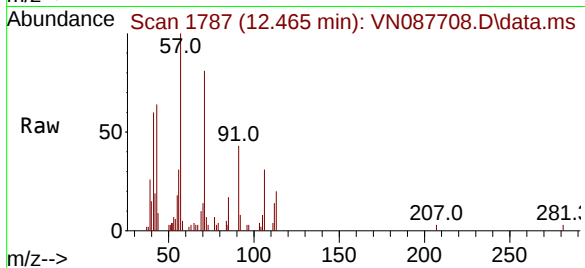




#74
N-amy1 acetate
Concen: 1.402 ug/l
RT: 12.465 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

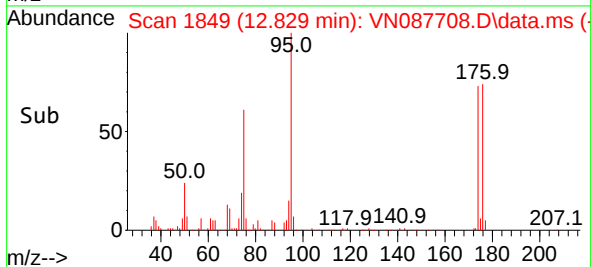
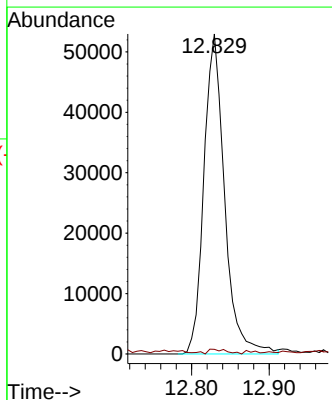
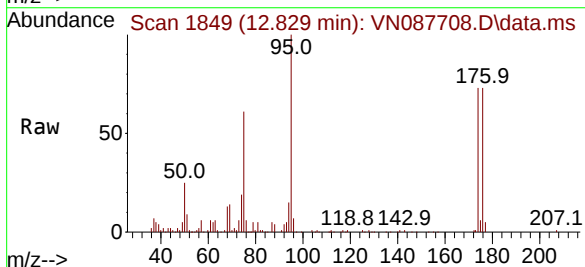
Instrument :
MSVOA_N
ClientSampleId :
309

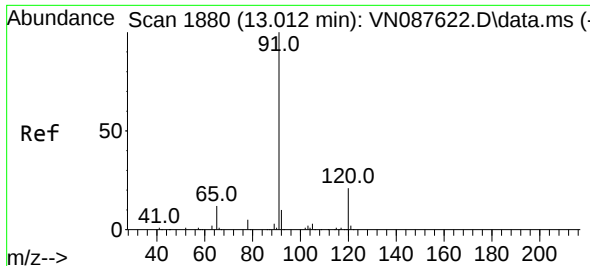
Tgt Ion: 43	Resp: 7280
Ion Ratio	Lower Upper
43	100
70	19.8 27.6 41.4#
55	34.0 13.0 19.6#
61	0.0 13.0 19.6#



#76
1,2,3-Trichloropropane
Concen: 24.698 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 75	Resp: 98236
Ion Ratio	Lower Upper
75	100
77	1.4 89.1 267.4#

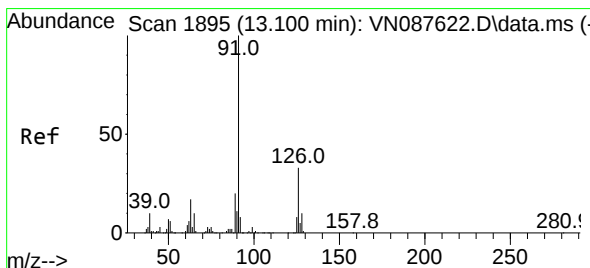
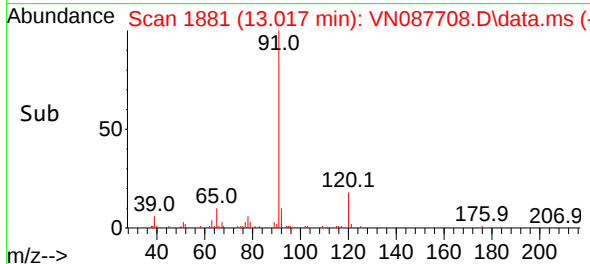
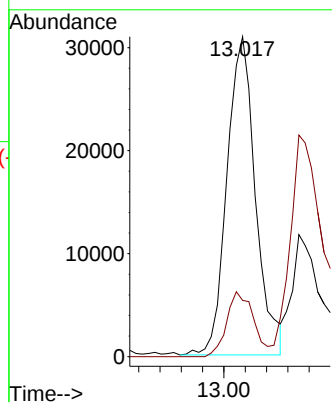
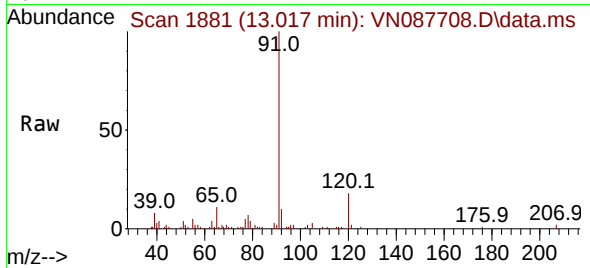




#78
n-propylbenzene
Concen: 3.402 ug/l
RT: 13.017 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

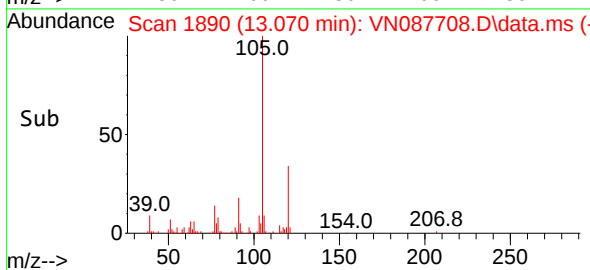
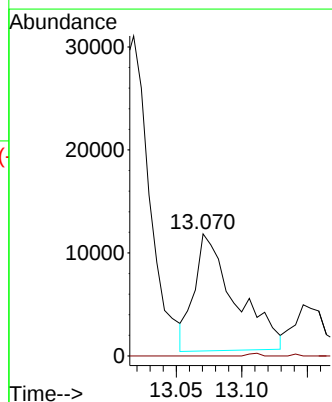
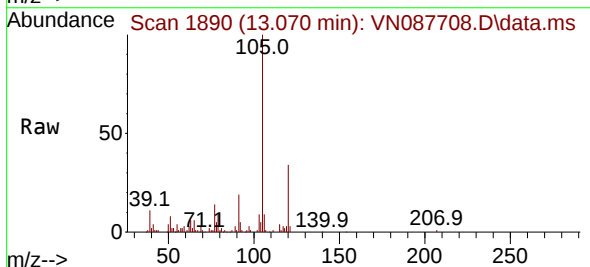
Instrument :
MSVOA_N
ClientSampleId :
309

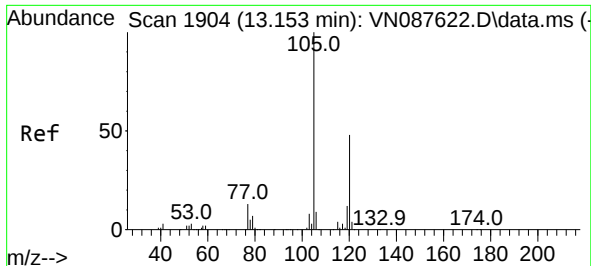
Tgt Ion: 91 Resp: 57440
Ion Ratio Lower Upper
91 100
120 19.1 10.7 32.1



#79
2-Chlorotoluene
Concen: 2.424 ug/l
RT: 13.070 min Scan# 1890
Delta R.T. -0.030 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 91 Resp: 24627
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#

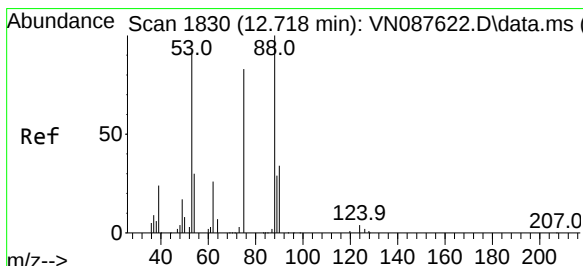
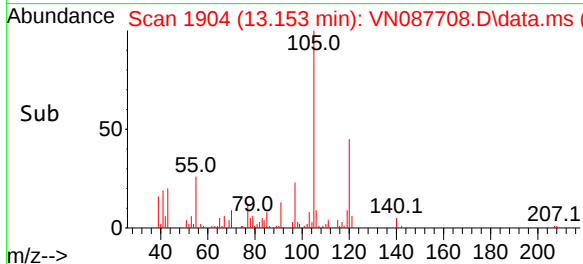
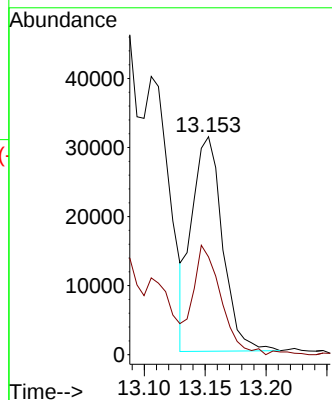
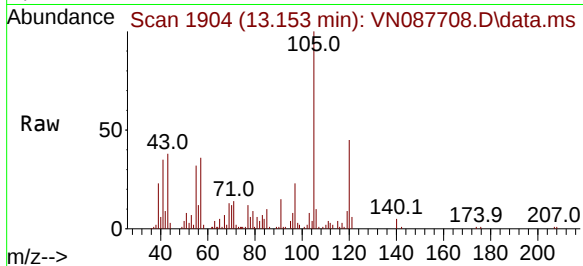




#80
1,3,5-Trimethylbenzene
Concen: 4.691 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

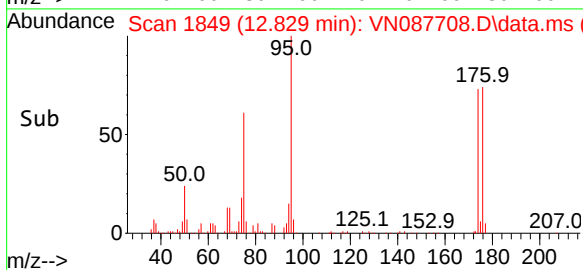
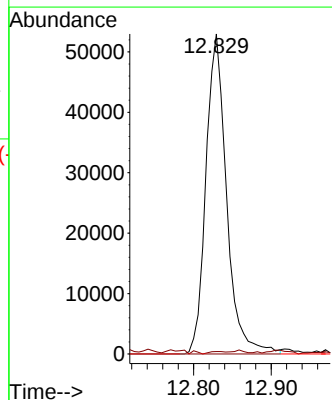
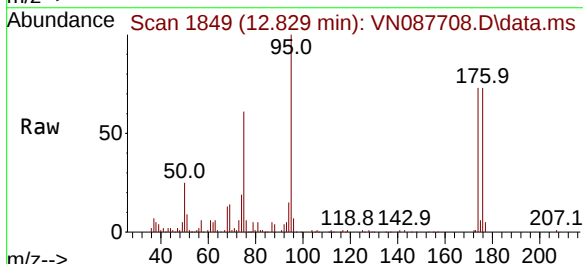
Instrument :
MSVOA_N
ClientSampleId :
309

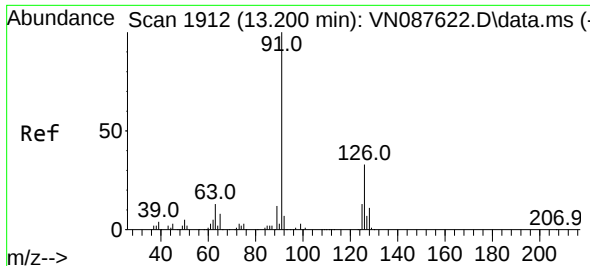
Tgt Ion:105 Resp: 54538
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 65.385 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 75 Resp: 98236
Ion Ratio Lower Upper
75 100
53 0.6 101.8 152.6#
89 0.0 35.6 53.4#

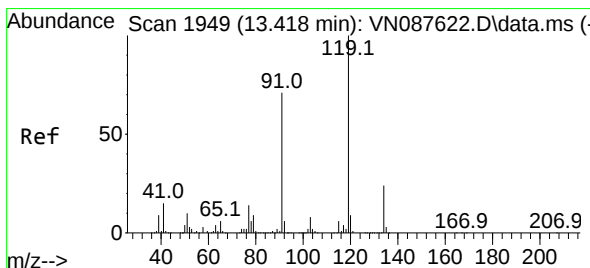
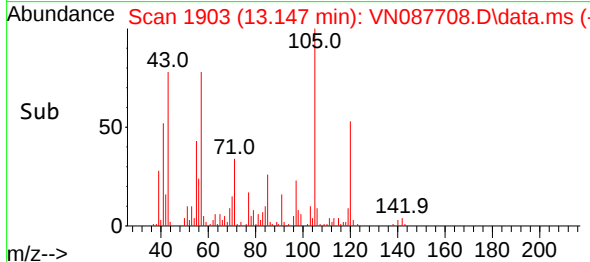
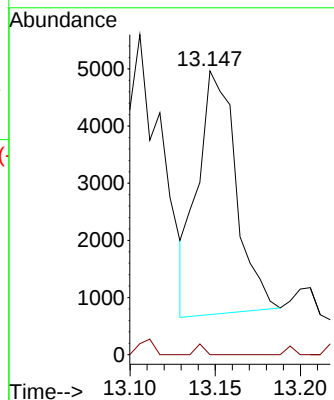
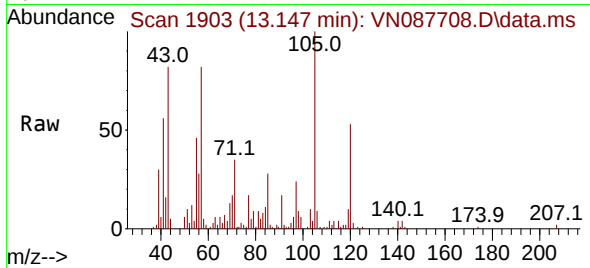




#82
4-Chlorotoluene
Concen: 0.624 ug/l
RT: 13.147 min Scan# 1912
Delta R.T. -0.053 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

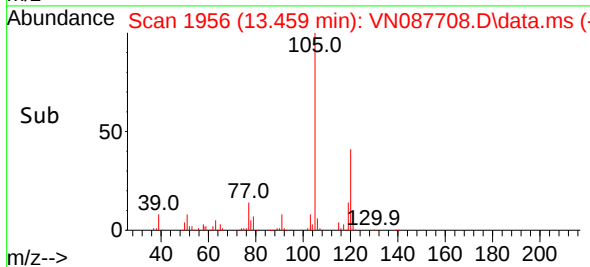
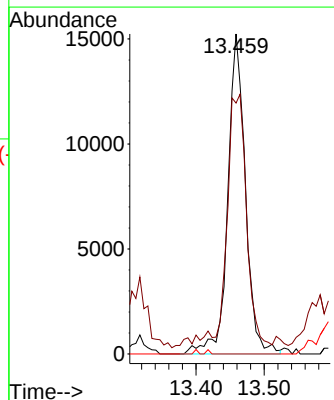
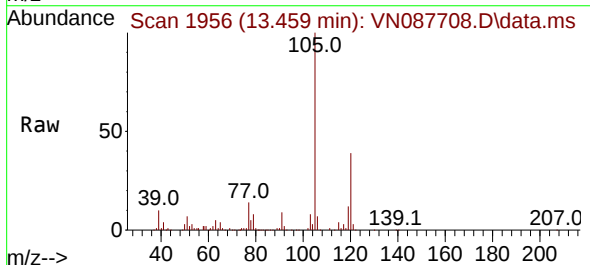
Instrument :
MSVOA_N
ClientSampleId :
309

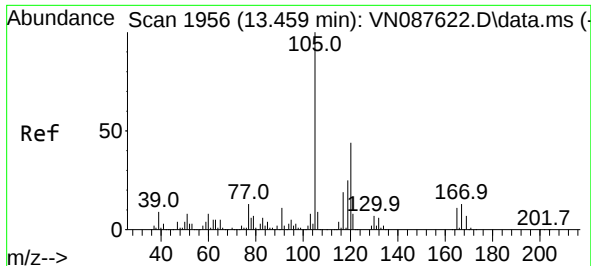
Tgt Ion: 91 Resp: 6663
Ion Ratio Lower Upper
91 100
126 1.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 2.835 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 119 Resp: 27465
Ion Ratio Lower Upper
119 100
91 82.9 35.0 105.0
134 0.0 12.6 37.8#

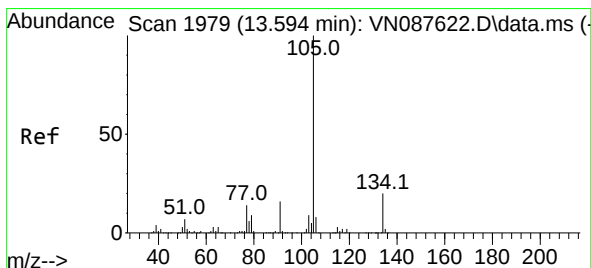
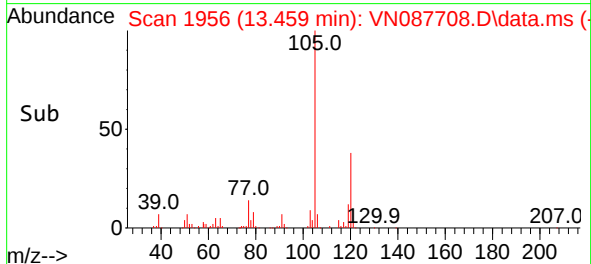
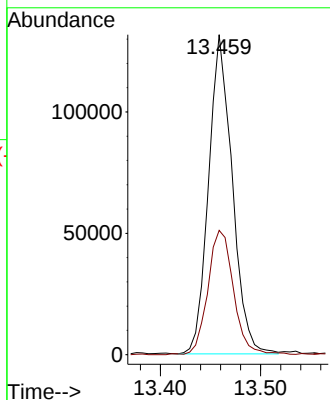
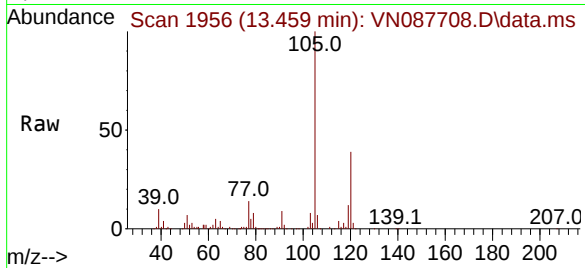




#84
 1,2,4-Trimethylbenzene
 Concen: 18.485 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087708.D
 Acq: 02 Sep 2025 12:49

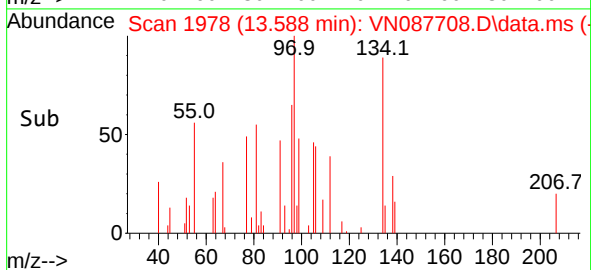
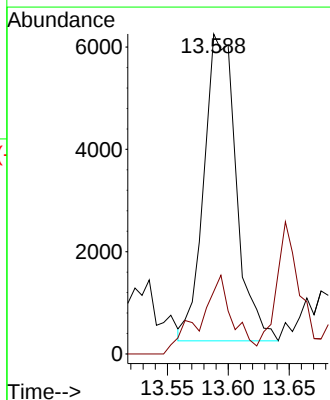
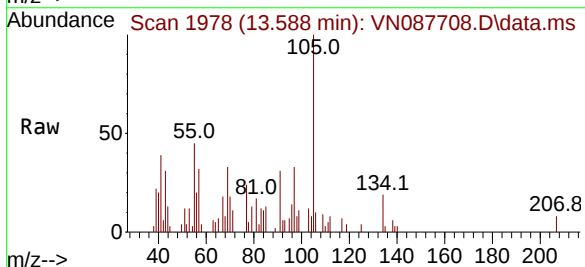
Instrument :
 MSVOA_N
 ClientSampleId :
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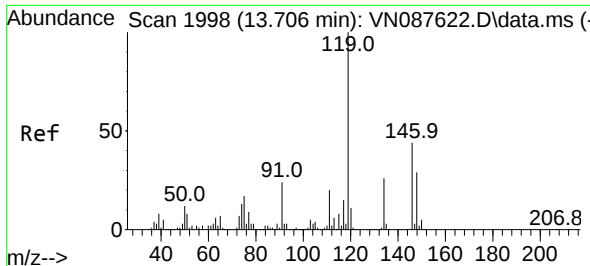
Tgt Ion:105 Resp: 215149
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 0.767 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN087708.D
 Acq: 02 Sep 2025 12:49

Tgt Ion:105 Resp: 11033
 Ion Ratio Lower Upper
 105 100
 134 26.3 9.6 28.6

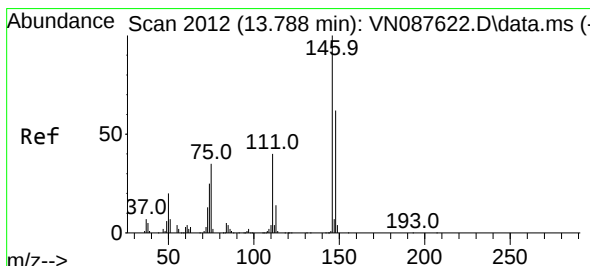
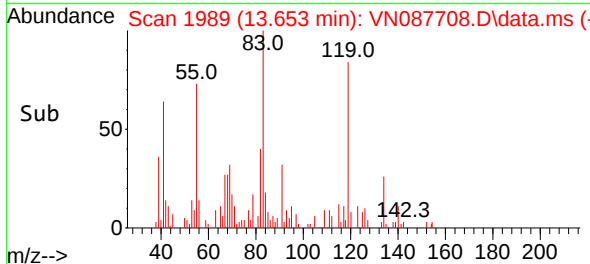
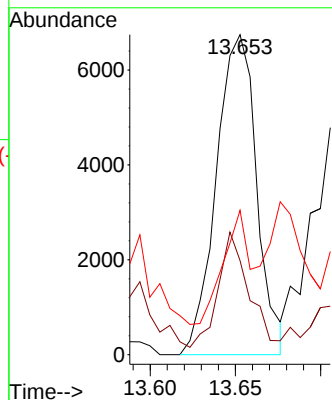
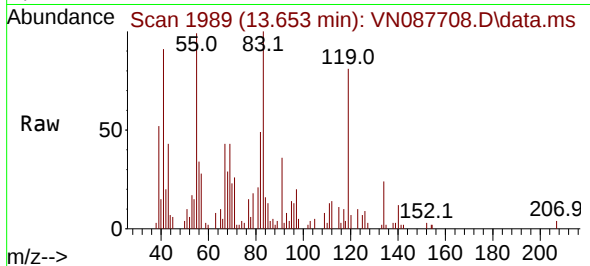




#86
p-Isopropyltoluene
Concen: 0.937 ug/l
RT: 13.653 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

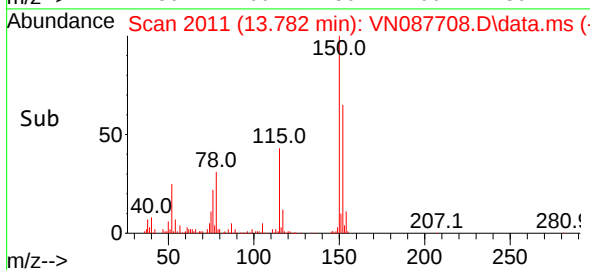
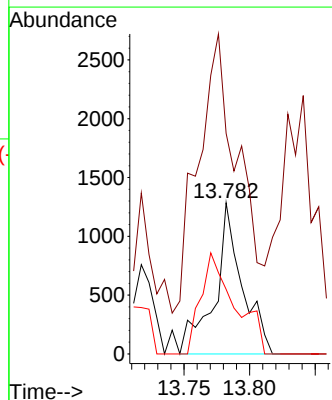
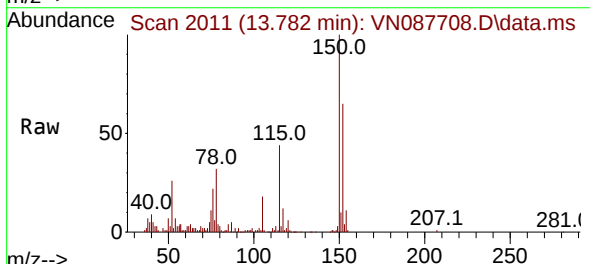
Instrument :
MSVOA_N
ClientSampleId :
309

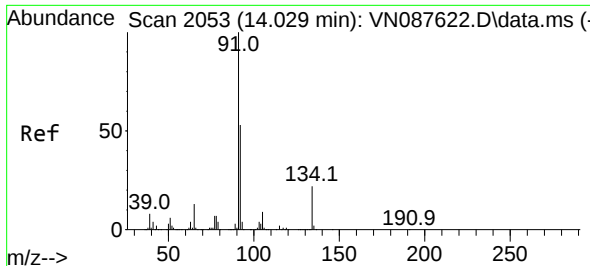
Tgt Ion:119 Resp: 11122
Ion Ratio Lower Upper
119 100
134 31.5 12.7 38.0
91 21.9 12.5 37.5



#88
1,4-Dichlorobenzene
Concen: 0.283 ug/l
RT: 13.782 min Scan# 2011
Delta R.T. -0.006 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

Tgt Ion:146 Resp: 1874
Ion Ratio Lower Upper
146 100
111 269.3 21.0 63.0#
148 83.1 32.0 96.0





#89

n-Butylbenzene

Concen: 1.837 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN087708.D

Acq: 02 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

309

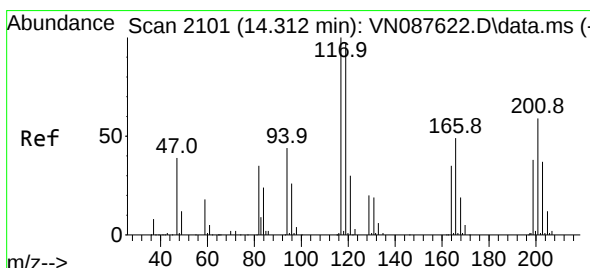
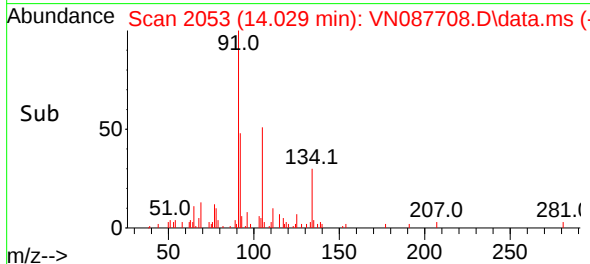
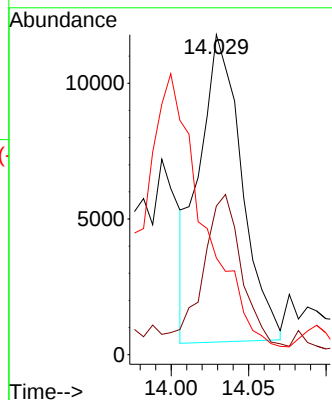
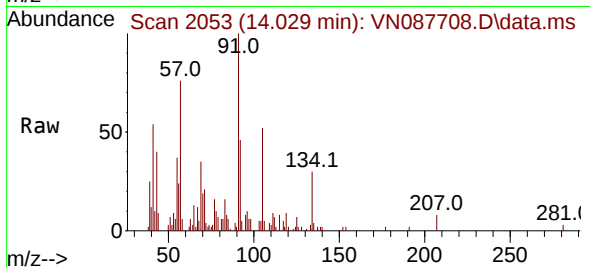
Tgt Ion: 91 Resp: 21658

Ion Ratio Lower Upper

91 100

92 49.4 25.9 77.8

134 0.0 11.7 35.0#



#90

Hexachloroethane

Concen: 2.631 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087708.D

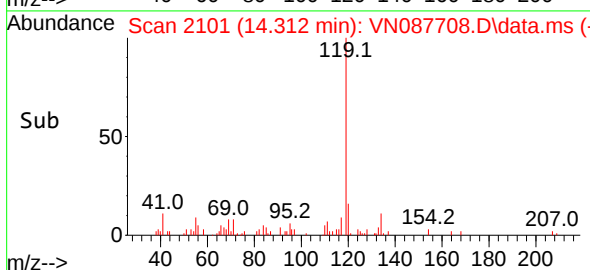
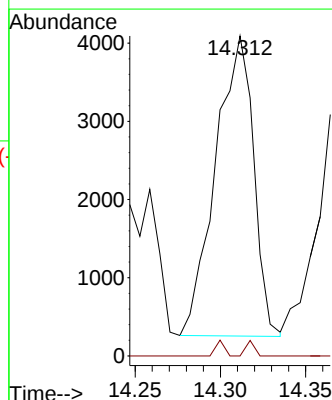
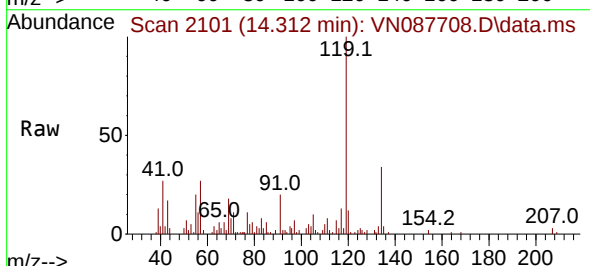
Acq: 02 Sep 2025 12:49

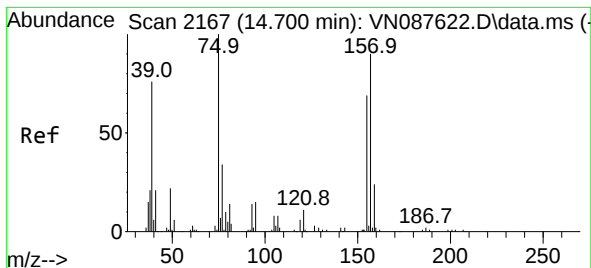
Tgt Ion: 117 Resp: 5952

Ion Ratio Lower Upper

117 100

201 1.2 29.1 87.4#

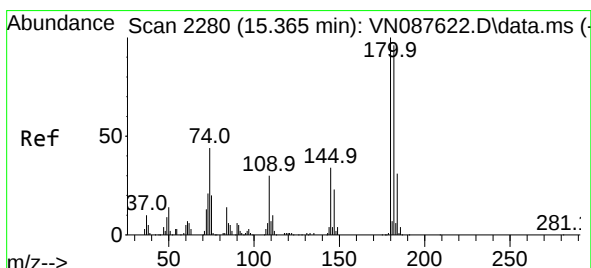
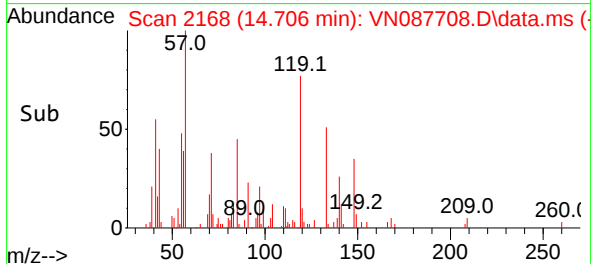
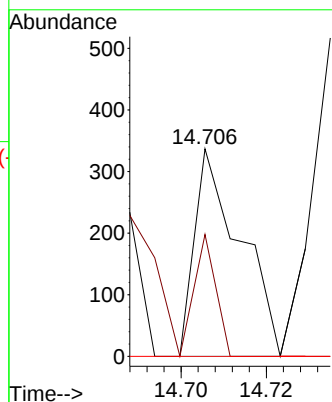
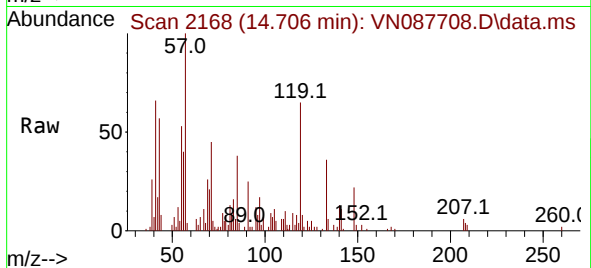




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.223 ug/l
 RT: 14.706 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087708.D
 Acq: 02 Sep 2025 12:49

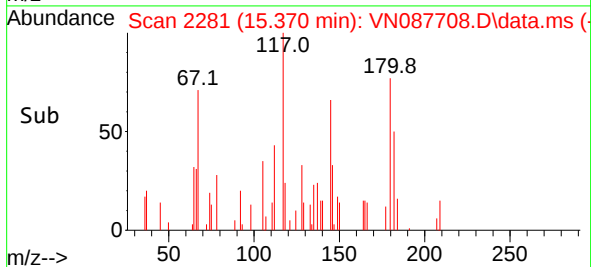
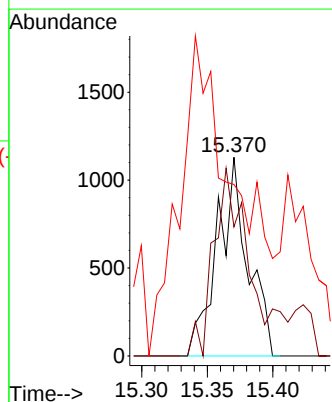
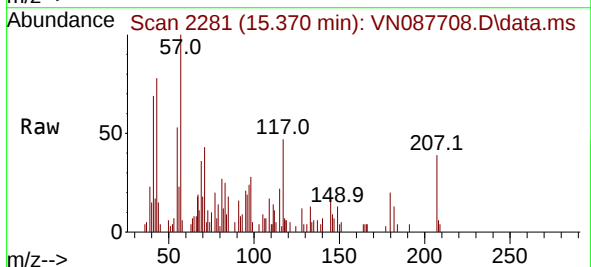
Instrument :
 MSVOA_N
 ClientSampleId :
 309

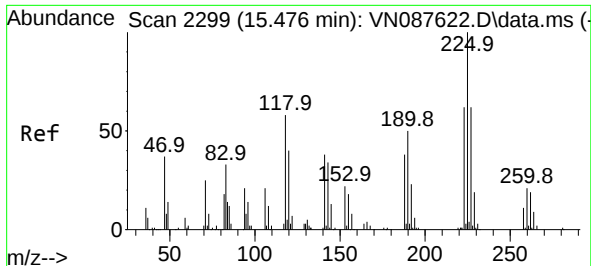
Tgt Ion: 75 Resp: 250
 Ion Ratio Lower Upper
 75 100
 155 55.2 36.6 109.9
 157 0.0 45.6 136.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.506 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: VN087708.D
 Acq: 02 Sep 2025 12:49

Tgt Ion: 180 Resp: 1835
 Ion Ratio Lower Upper
 180 100
 182 109.5 47.6 142.9
 145 0.0 16.5 49.5#

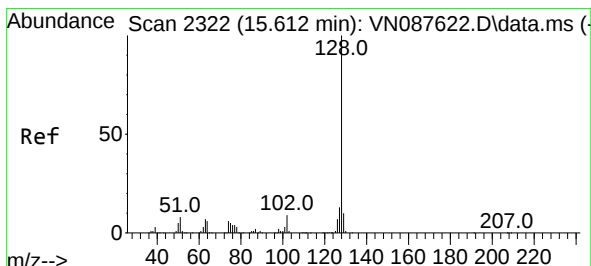
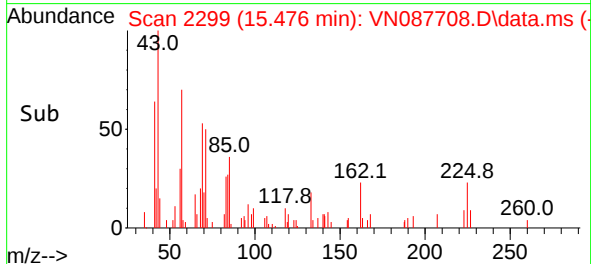
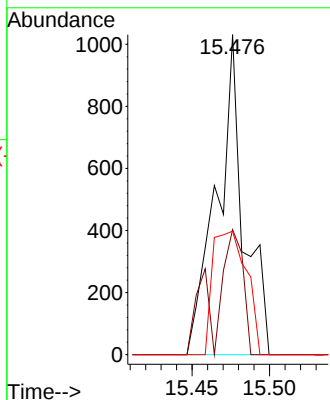
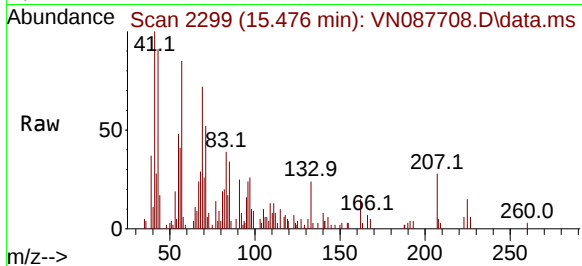




#94
Hexachlorobutadiene
Concen: 0.964 ug/l
RT: 15.476 min Scan# 212
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

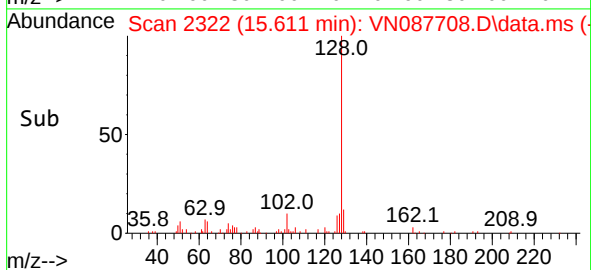
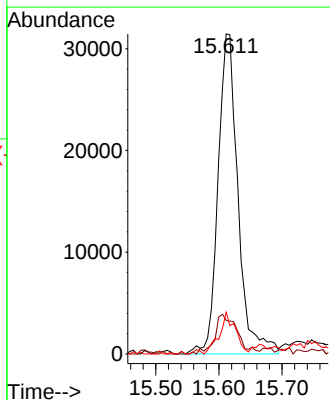
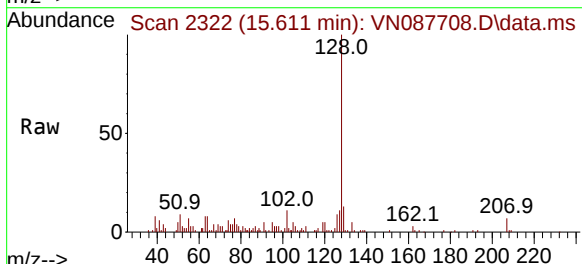
Instrument :
MSVOA_N
ClientSampleId :
309

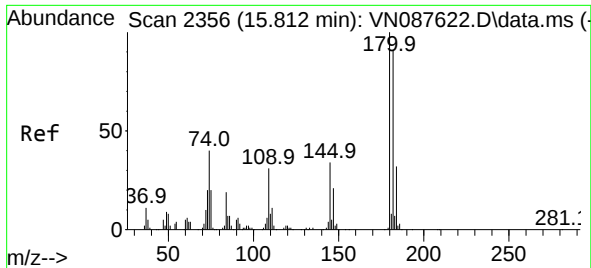
Tgt Ion:	225	Resp:	1246
Ion	Ratio	Lower	Upper
225	100		
223	28.4	32.0	96.2#
227	48.4	32.1	96.5



#95
Naphthalene
Concen: 5.388 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087708.D
Acq: 02 Sep 2025 12:49

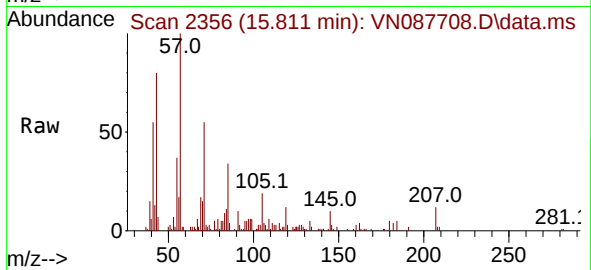
Tgt Ion:	128	Resp:	69192
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	10.5	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.658 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087708.D
 Acq: 02 Sep 2025 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 309



Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.8	46.8	140.3
145	198.5	17.3	52.0

