

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087213.D
 Acq On : 27 Jun 2025 12:08
 Operator : JC\MD
 Sample : Q2401-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

Quant Time: Jun 27 23:42:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	141577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121650	59.708	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.420%
35) Dibromofluoromethane	8.171	113	88312	43.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.060%
50) Toluene-d8	10.565	98	373564	44.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.020%
62) 4-Bromofluorobenzene	12.847	95	127776	43.379	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.401	50	529	0.305	ug/l #	44
13) Acrolein	4.453	56	2973	8.032	ug/l #	76
14) Allyl chloride	5.300	41	18881	6.123	ug/l #	56
15) Acrylonitrile	5.830	53	2892	Below Cal	#	29
16) Acetone	4.459	43	13339	Below Cal	#	71
17) Carbon Disulfide	4.742	76	1529	Below Cal	#	76
18) Methyl Acetate	5.289	43	45756	17.975	ug/l #	51
20) Methylene Chloride	5.294	84	703	Below Cal	#	53
25) 2-Butanone	7.506	43	4410	2.855	ug/l #	80
30) Chloroform	7.941	83	1707	0.518	ug/l #	18
31) Cyclohexane	8.259	56	28964	9.182	ug/l	91
36) 1,1-Dichloropropene	8.230	75	12495	4.156	ug/l #	49
37) Ethyl Acetate	7.506	43	4410	Below Cal	#	68
38) Carbon Tetrachloride	8.230	117	14385	4.913	ug/l #	17
39) Methylcyclohexane	9.600	83	25399	6.924	ug/l	92
40) Benzene	8.612	78	7802	0.840	ug/l	95
41) Methacrylonitrile	7.841	41	503	0.256	ug/l #	28
43) Isopropyl Acetate	8.712	43	8919	1.614	ug/l #	55
47) Bromodichloromethane	9.876	83	1176	0.361	ug/l #	25
48) Methyl methacrylate	9.729	41	906	0.339	ug/l #	31
51) 4-Methyl-2-Pentanone	10.482	43	1208	Below Cal	#	35
52) Toluene	10.629	92	5788	0.975	ug/l	93
55) 1,1,2-Trichloroethane	11.000	97	11413	5.082	ug/l #	20
56) Ethyl methacrylate	10.906	69	2250	Below Cal	#	5
58) 2-Chloroethyl Vinyl ether	10.153	63	54	Below Cal	#	48
59) 2-Hexanone	11.171	43	1006	0.409	ug/l #	19
67) Ethyl Benzene	11.959	91	11235	1.197	ug/l	99
68) m/p-Xylenes	12.076	106	5672	1.579	ug/l	90
69) o-Xylene	12.394	106	4722	1.446	ug/l	90
73) Isopropylbenzene	12.694	105	72069	8.720	ug/l	100
76) 1,2,3-Trichloropropane	13.123	75	3056	1.122	ug/l #	1
78) n-propylbenzene	13.035	91	307113	30.170	ug/l	100
79) 2-Chlorotoluene	13.123	91	49050	7.740	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	210383	30.835	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	60700	50.015	ug/l #	13
82) 4-Chlorotoluene	13.170	91	18678	2.957	ug/l #	41

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Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

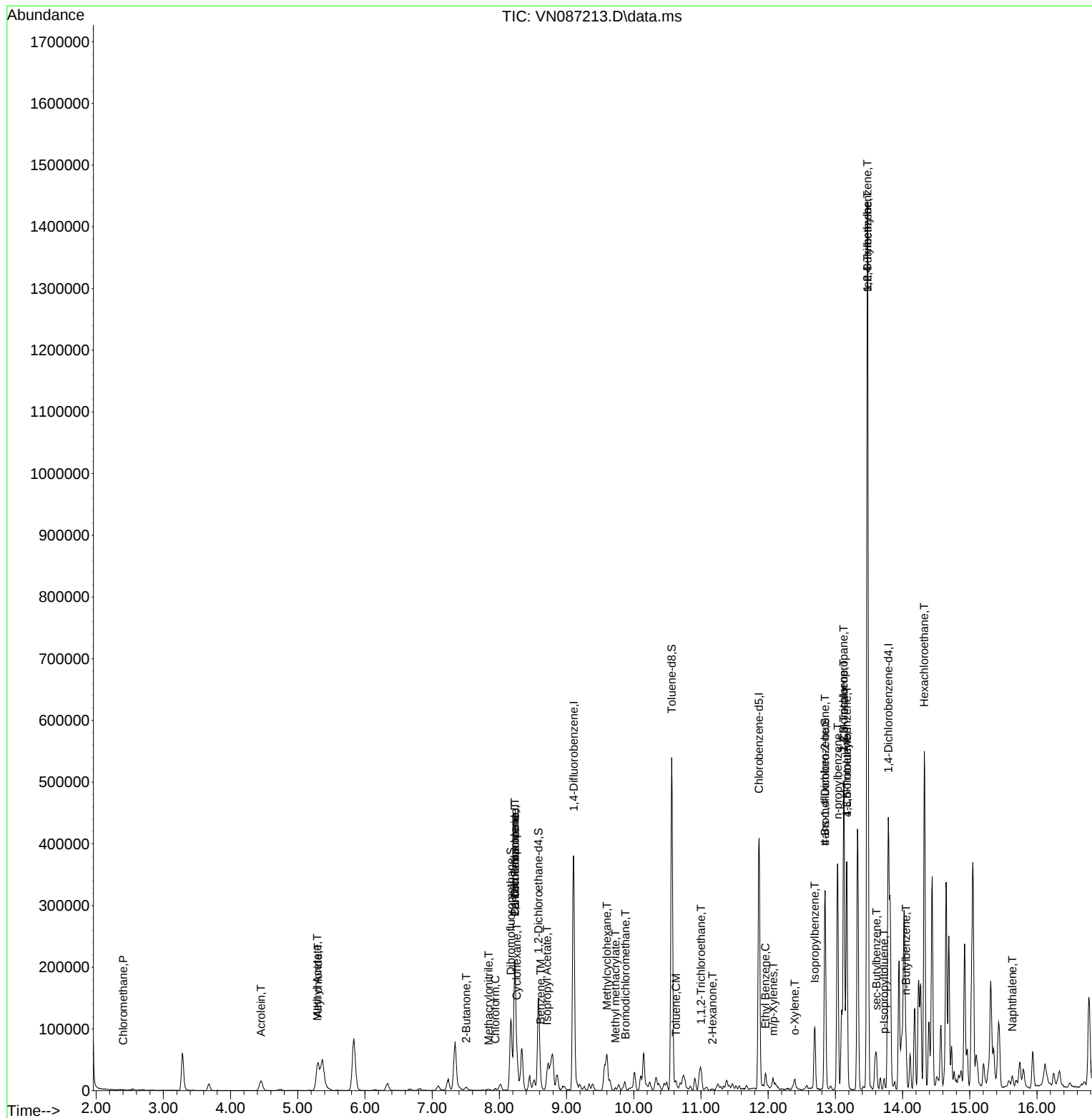
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.476	119	104108	17.764	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.476	105	837189	120.926	ug/l	99
85) sec-Butylbenzene	13.612	105	32879	3.808	ug/l #	55
86) p-Isopropyltoluene	13.723	119	10647	1.503	ug/l	93
89) n-Butylbenzene	14.053	91	71350	10.844	ug/l #	63
90) Hexachloroethane	14.323	117	27777	20.269	ug/l #	18
95) Naphthalene	15.635	128	19735	2.455	ug/l	98

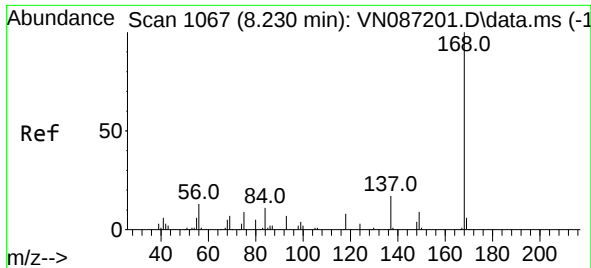
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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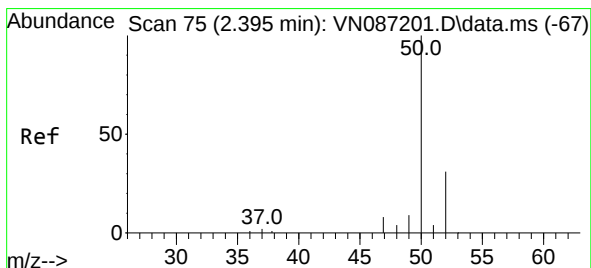
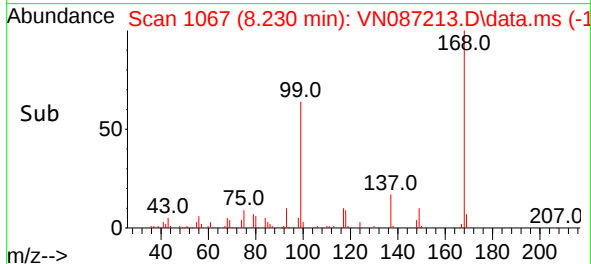
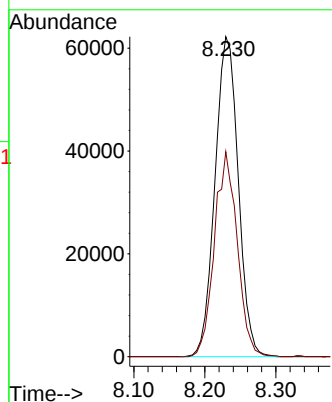
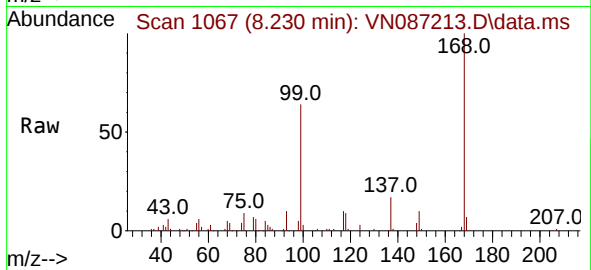




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

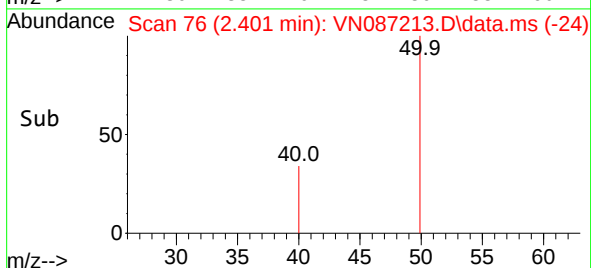
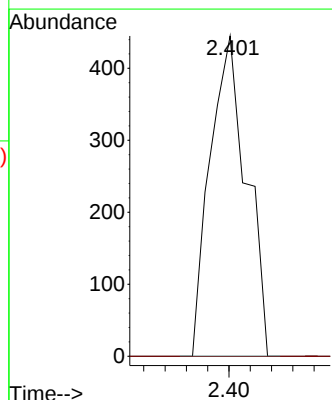
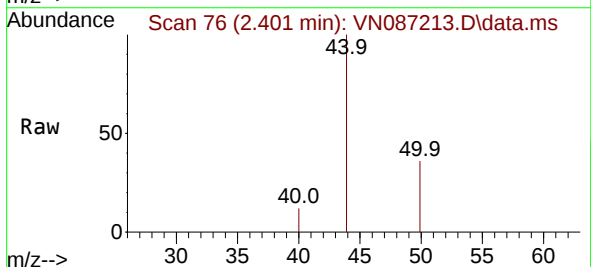
Instrument :
MSVOA_N
ClientSampleId :
MW2

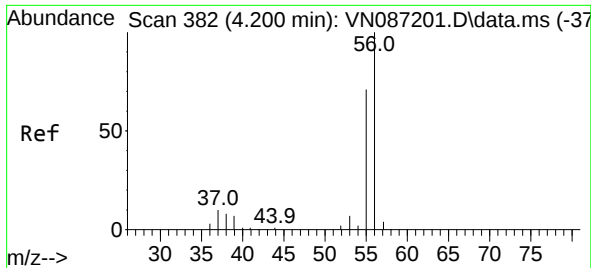
Tgt Ion:168 Resp: 141577
Ion Ratio Lower Upper
168 100
99 64.1 47.9 71.9



#3
Chloromethane
Concen: 0.305 ug/l
RT: 2.401 min Scan# 76
Delta R.T. 0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 50 Resp: 529
Ion Ratio Lower Upper
50 100
52 0.0 24.6 36.8#





#13

Acrolein

Concen: 8.032 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.253 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

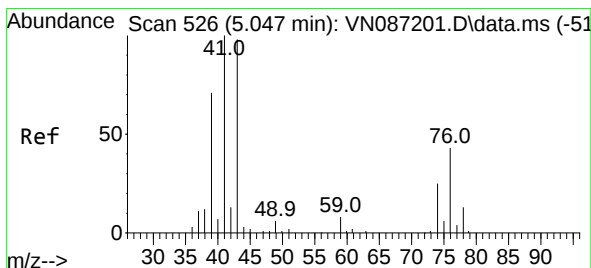
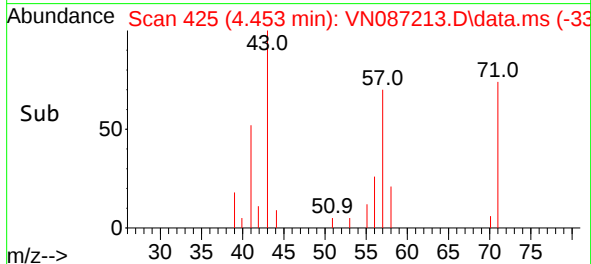
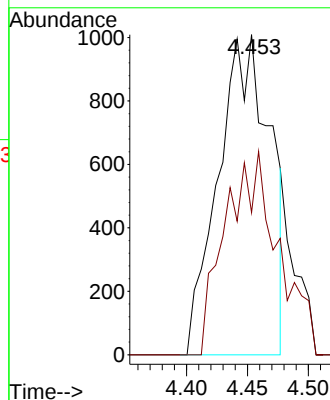
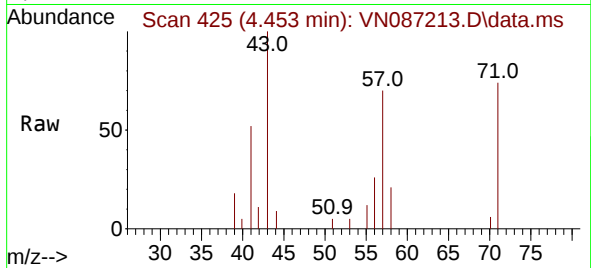
MW2

Tgt Ion: 56 Resp: 2973

Ion Ratio Lower Upper

56 100

55 51.2 56.8 85.2#



#14

Allyl chloride

Concen: 6.123 ug/l

RT: 5.300 min Scan# 569

Delta R.T. 0.253 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

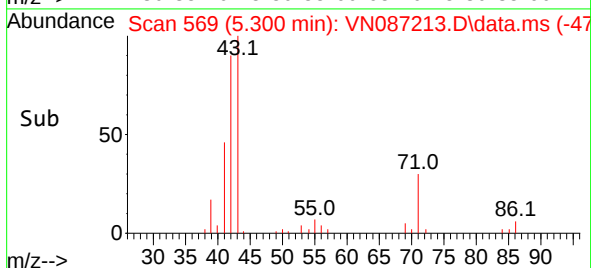
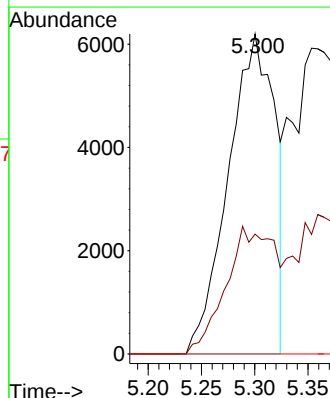
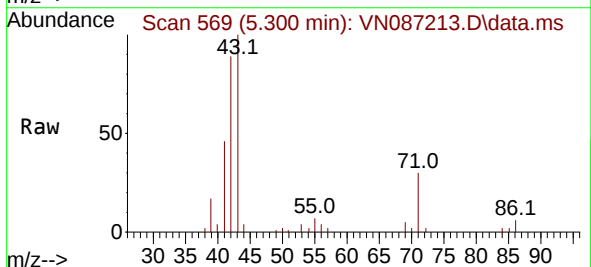
Tgt Ion: 41 Resp: 18881

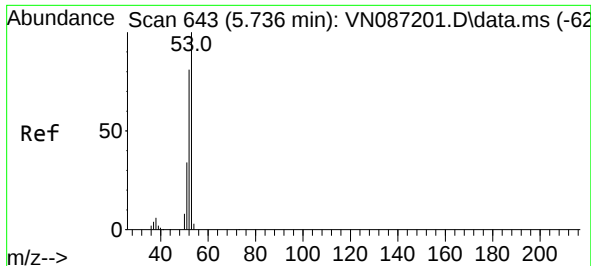
Ion Ratio Lower Upper

41 100

39 41.6 55.0 82.6#

76 0.0 31.3 46.9#

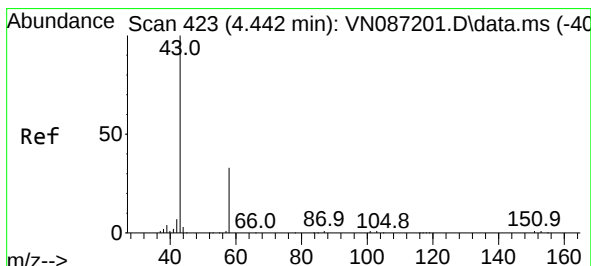
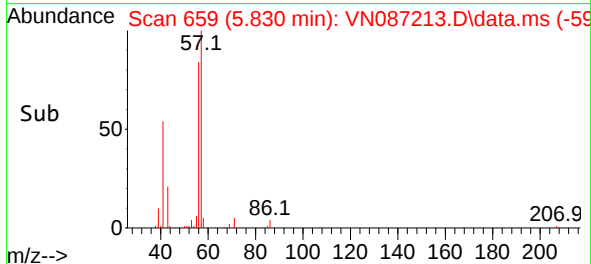
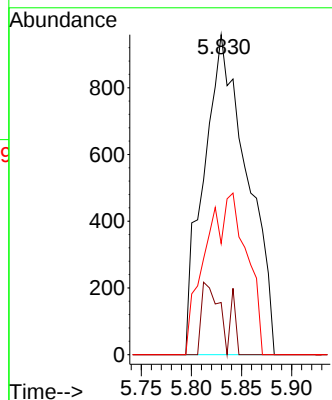
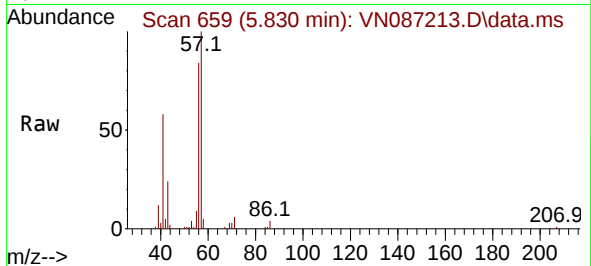




#15
Acrylonitrile
Concen: Below Cal
RT: 5.830 min Scan# 61
Delta R.T. 0.094 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

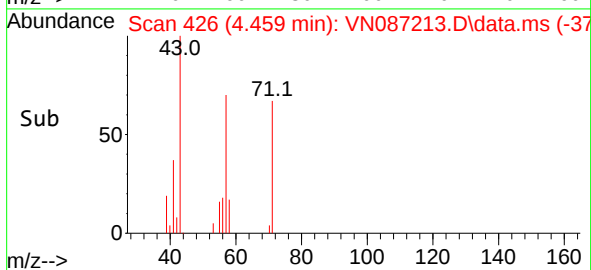
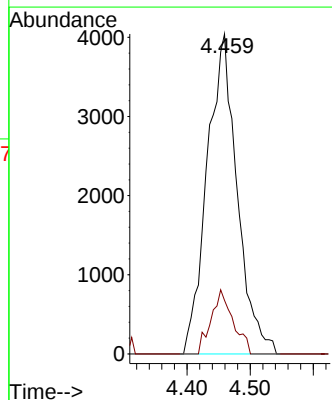
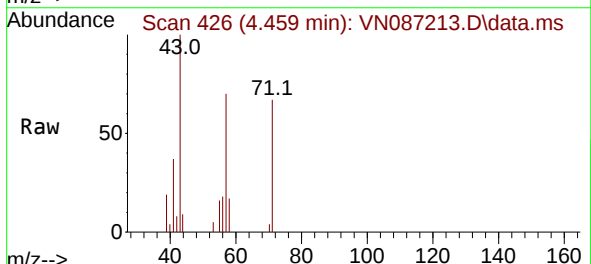
Instrument :
MSVOA_N
ClientSampleId :
MW2

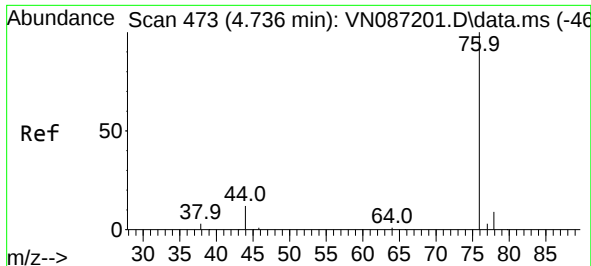
Tgt Ion: 53 Resp: 2892
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.6#
51 48.0 27.8 41.6#



#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 43 Resp: 13339
Ion Ratio Lower Upper
43 100
58 16.8 26.5 39.7#

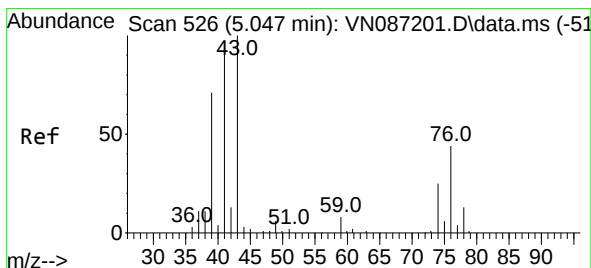
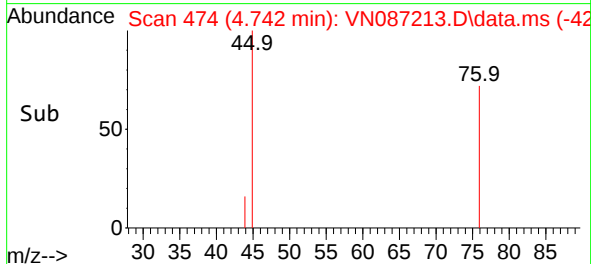
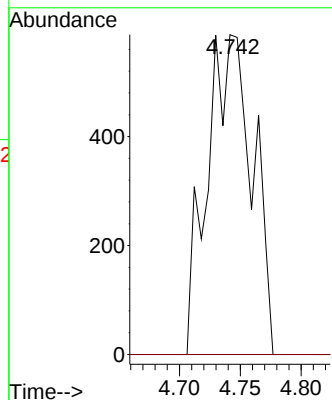
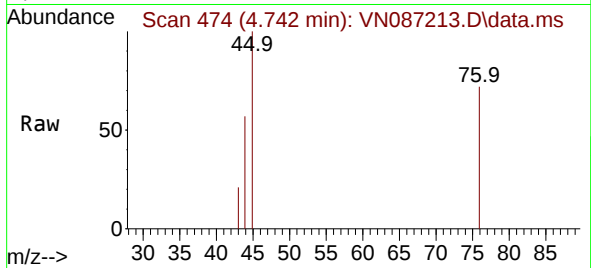




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.742 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

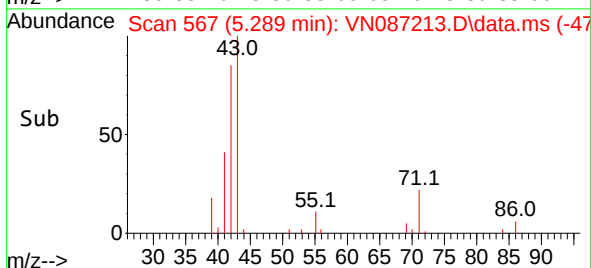
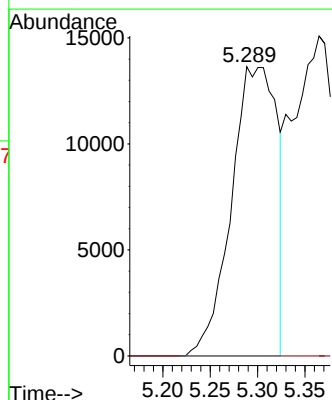
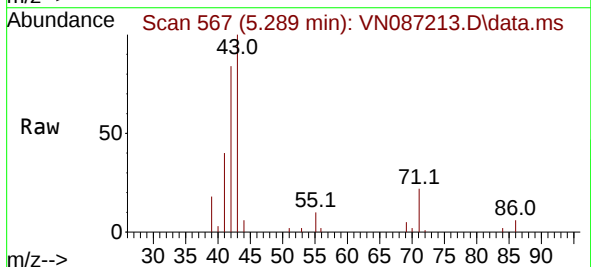
Instrument :
MSVOA_N
ClientSampleId :
MW2

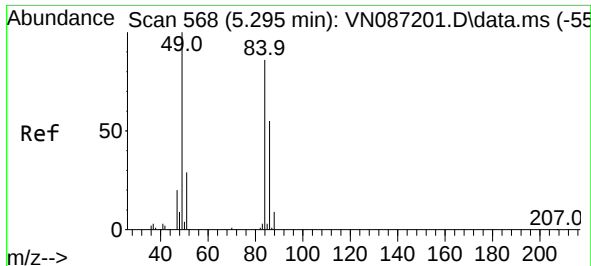
Tgt Ion: 76 Resp: 1529
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 17.975 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.242 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 43 Resp: 45756
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

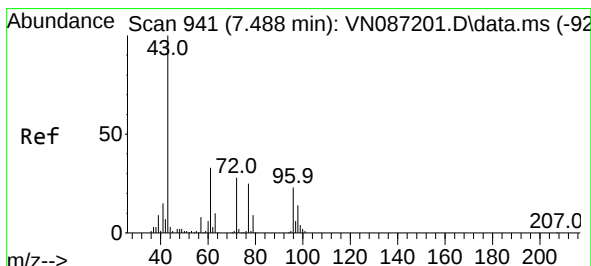
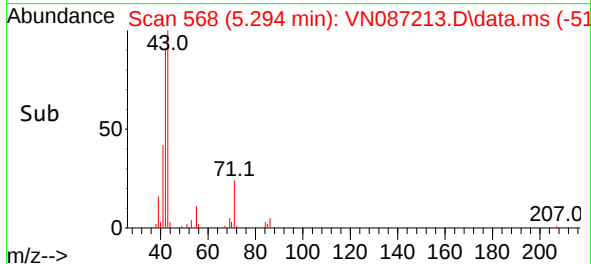
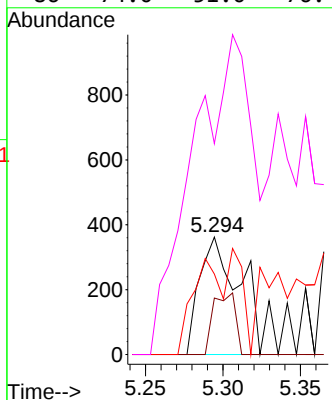
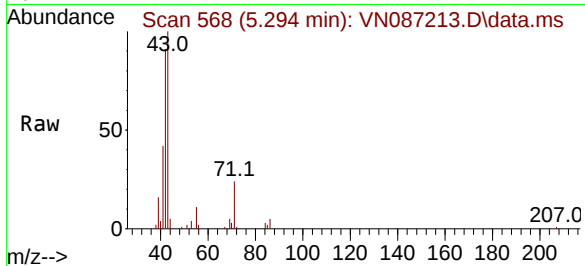




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 50
Delta R.T. -0.001 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

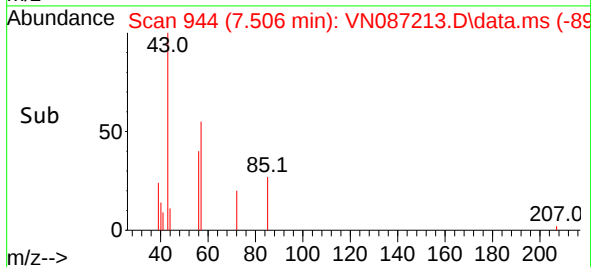
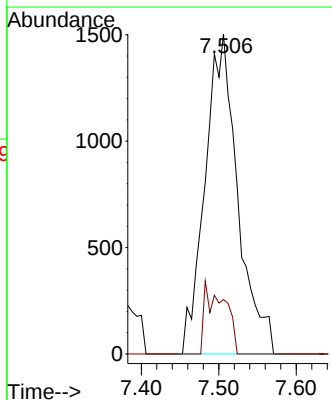
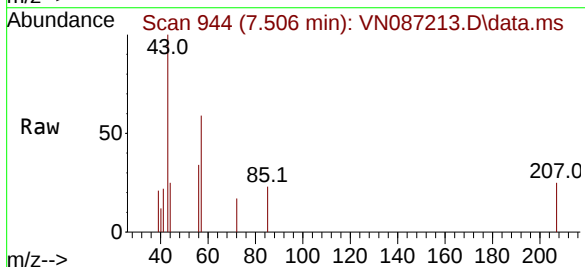
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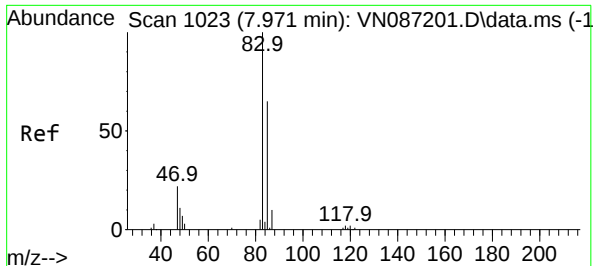
Tgt Ion:	84	Resp:	703
Ion	Ratio	Lower	Upper
84	100		
49	48.1	93.0	139.6#
51	68.5	27.2	40.8#
86	74.0	51.0	76.4



#25
2-Butanone
Concen: 2.855 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:	43	Resp:	4410
Ion	Ratio	Lower	Upper
43	100		
72	17.0	22.2	33.2#





#30

Chloroform

Concen: 0.518 ug/l

RT: 7.941 min Scan# 1018

Delta R.T. -0.030 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

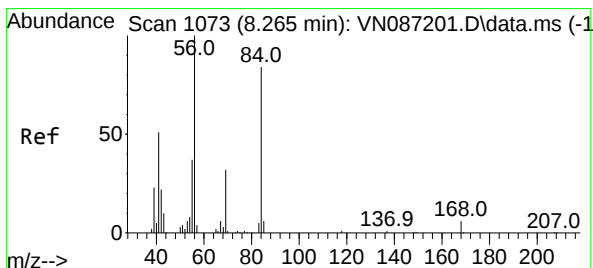
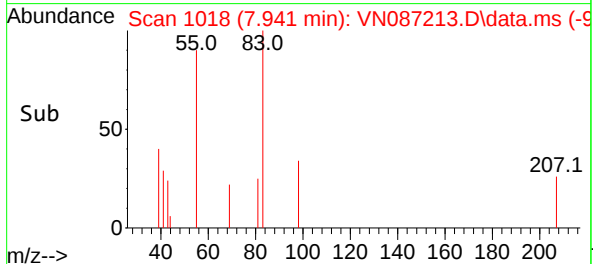
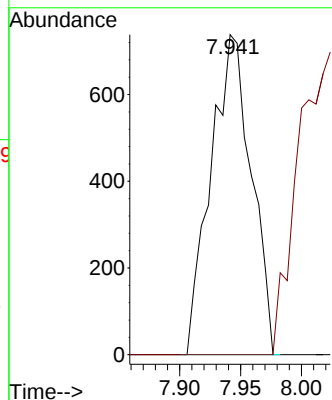
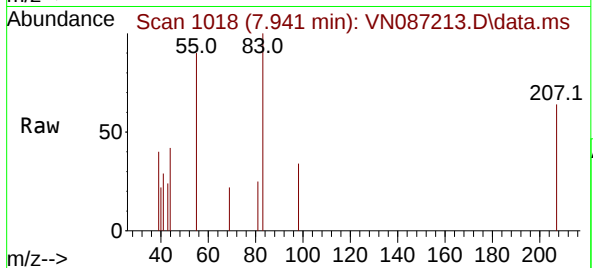
MW2

Tgt Ion: 83 Resp: 1707

Ion Ratio Lower Upper

83 100

85 0.0 52.0 78.0#



#31

Cyclohexane

Concen: 9.182 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

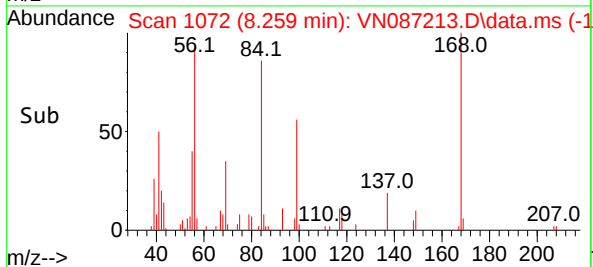
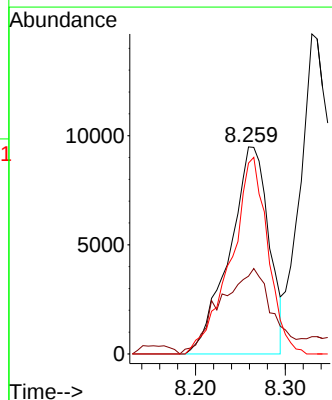
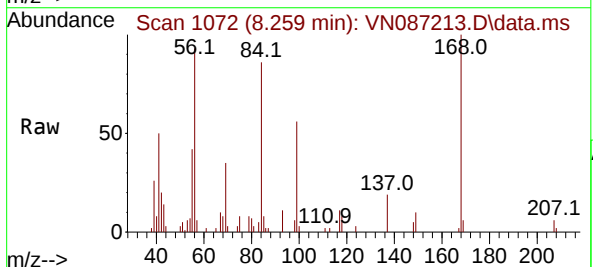
Tgt Ion: 56 Resp: 28964

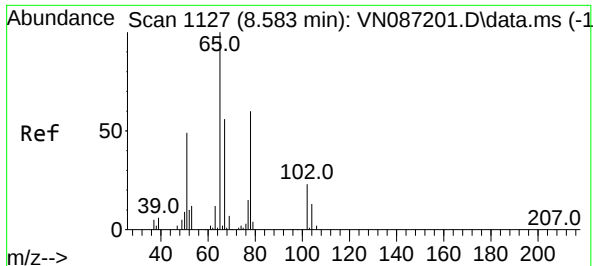
Ion Ratio Lower Upper

56 100

69 37.6 25.3 37.9

84 92.2 67.4 101.0





#33

1,2-Dichloroethane-d4

Concen: 59.708 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

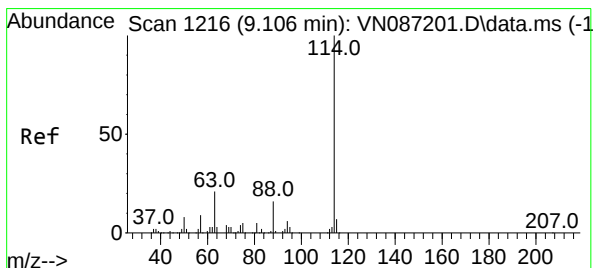
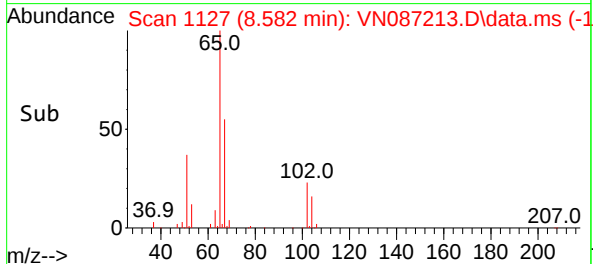
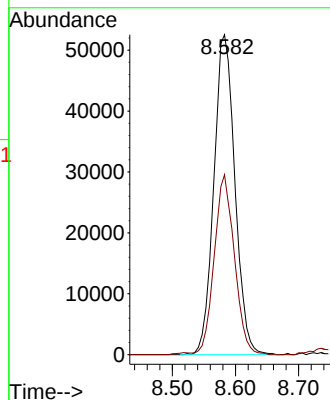
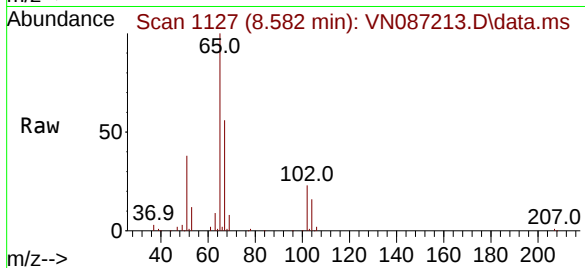
MW2

Tgt Ion: 65 Resp: 121650

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

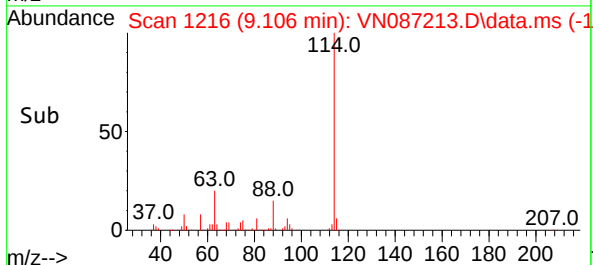
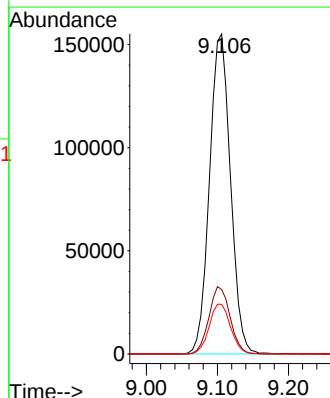
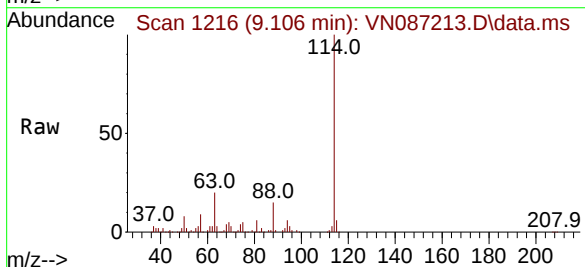
Tgt Ion: 114 Resp: 317471

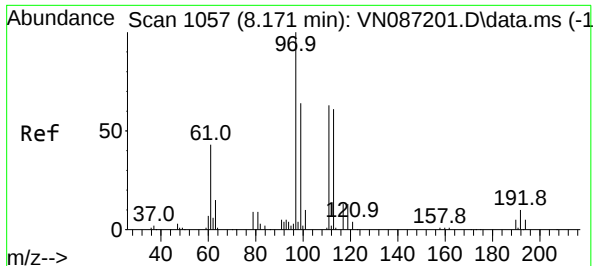
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.0

88 15.5 0.0 32.0

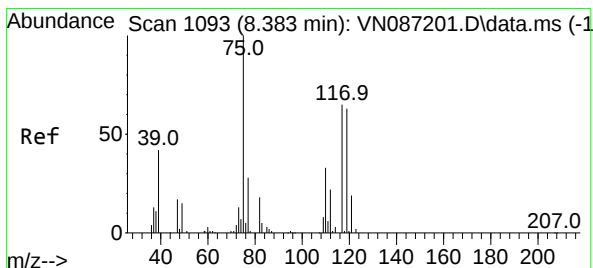
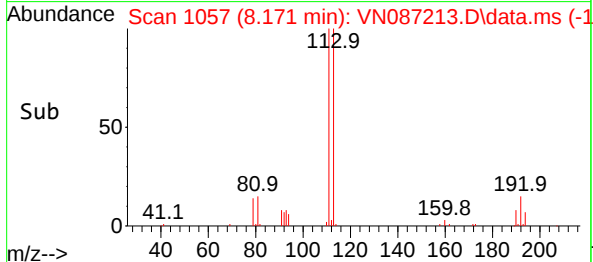
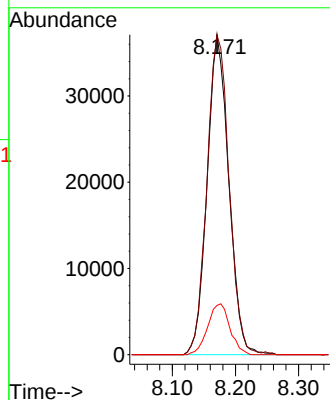
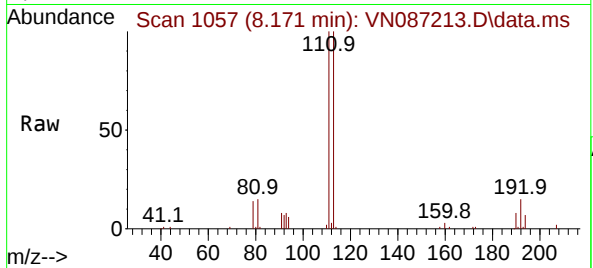




#35
Dibromofluoromethane
Concen: 43.027 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

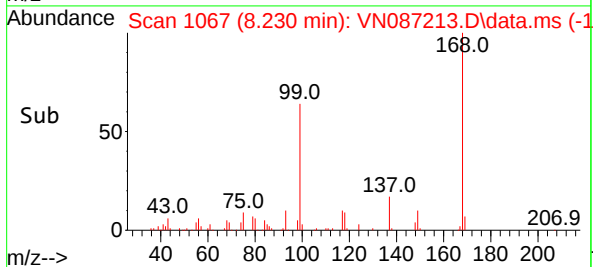
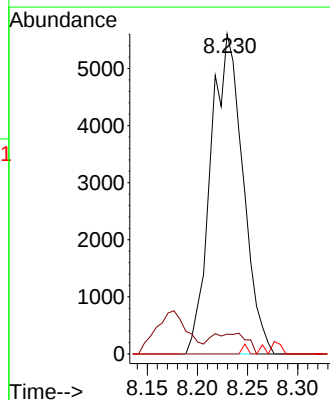
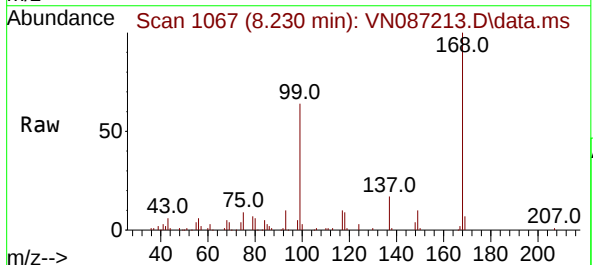
Instrument :
MSVOA_N
ClientSampleId :
MW2

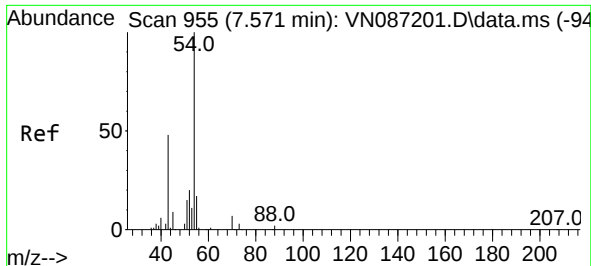
Tgt Ion:113 Resp: 88312
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 16.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.153 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 75 Resp: 12495
Ion Ratio Lower Upper
75 100
110 7.1 16.9 50.6#
77 0.5 24.7 37.1#

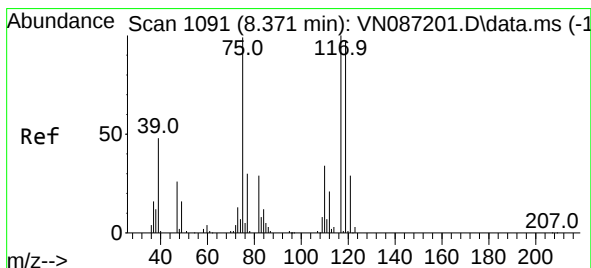
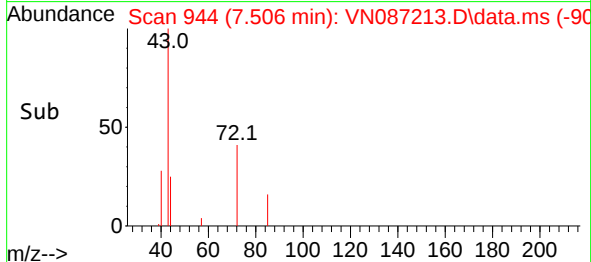
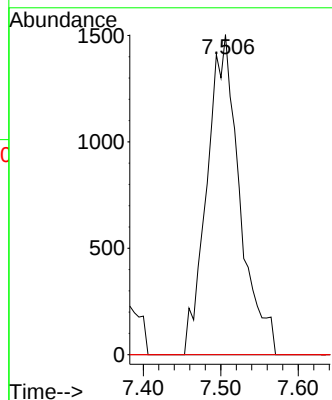
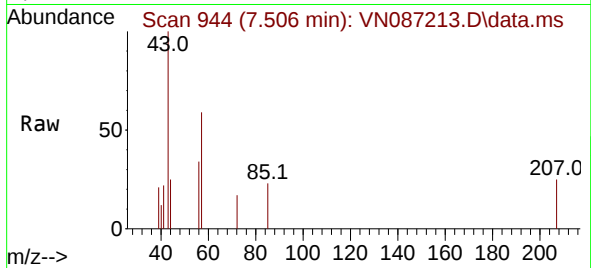




#37
Ethyl Acetate
Concen: Below Cal
RT: 7.506 min Scan# 944
Delta R.T. -0.065 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

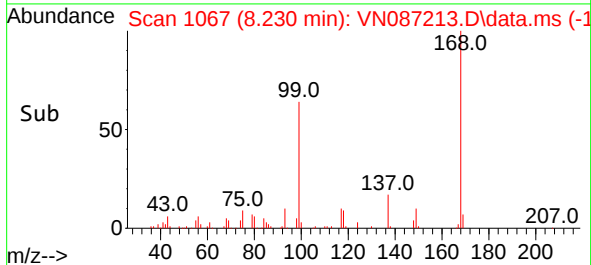
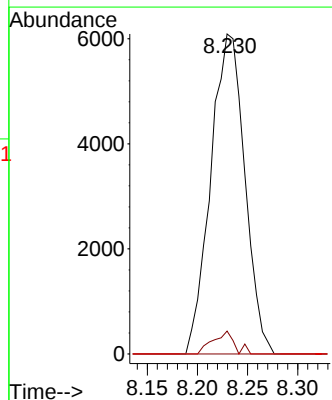
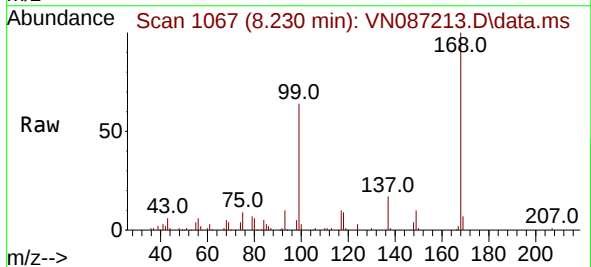
Instrument :
MSVOA_N
ClientSampleId :
MW2

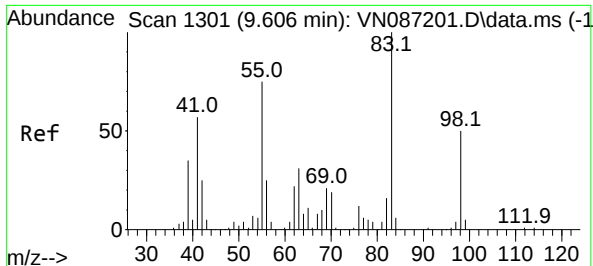
Tgt Ion: 43 Resp: 4410
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 4.913 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 117 Resp: 14385
Ion Ratio Lower Upper
117 100
119 7.2 77.4 116.0#
121 0.0 23.2 34.8#





#39

Methylcyclohexane

Concen: 6.924 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

MW2

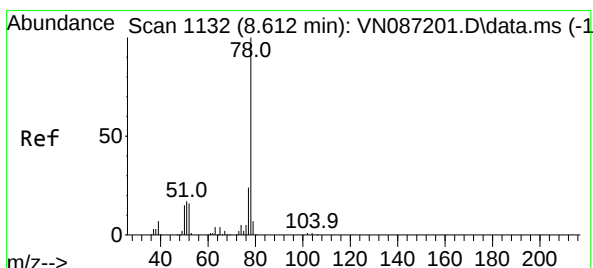
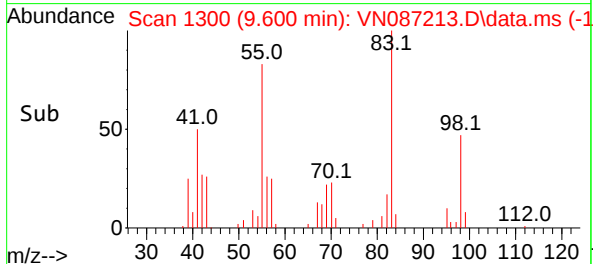
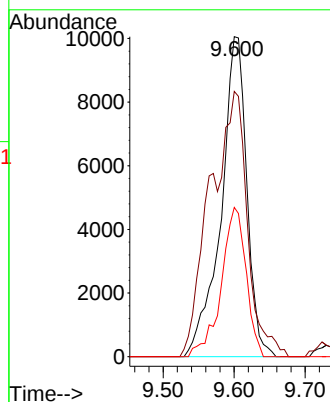
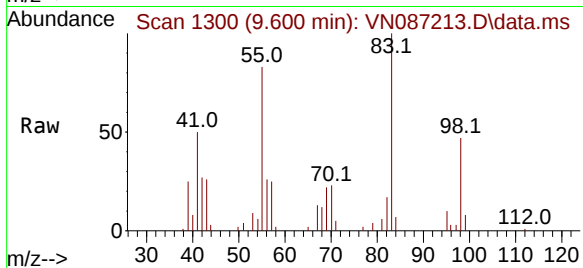
Tgt Ion: 83 Resp: 25399

Ion Ratio Lower Upper

83 100

55 82.9 59.8 89.8

98 46.6 39.8 59.8



#40

Benzene

Concen: 0.840 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087213.D

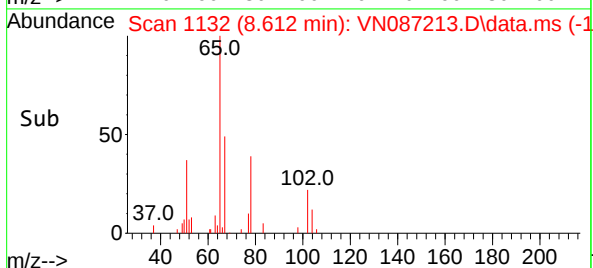
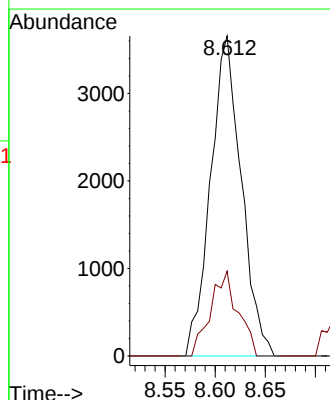
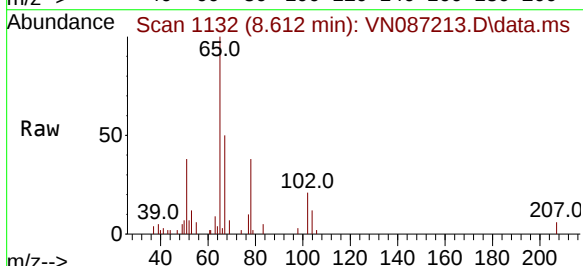
Acq: 27 Jun 2025 12:08

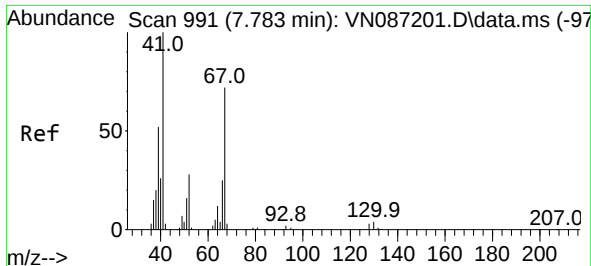
Tgt Ion: 78 Resp: 7802

Ion Ratio Lower Upper

78 100

77 26.5 19.0 28.6

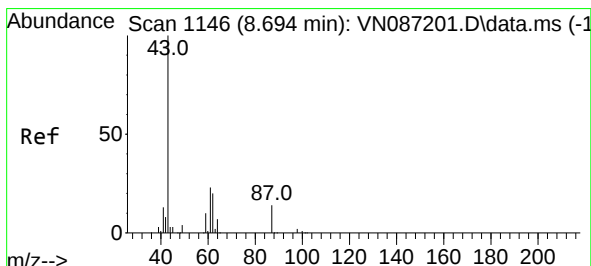
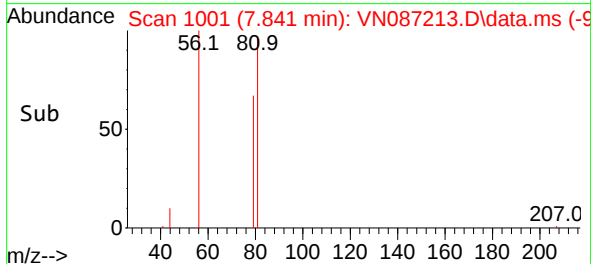
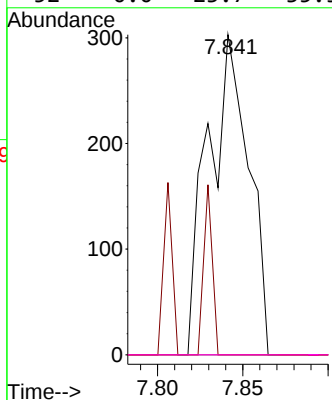
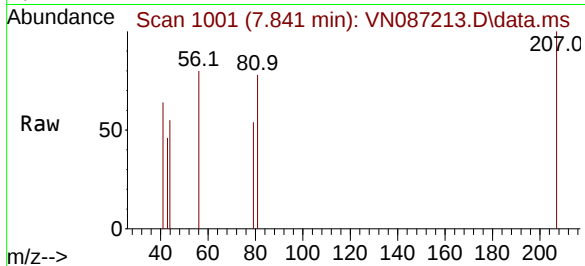




#41
Methacrylonitrile
Concen: 0.256 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.059 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

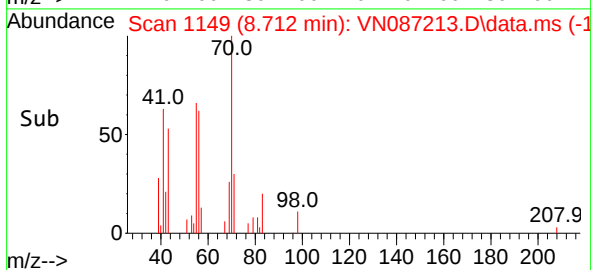
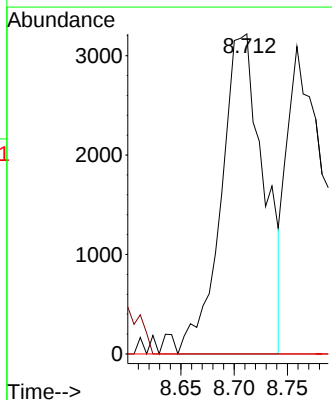
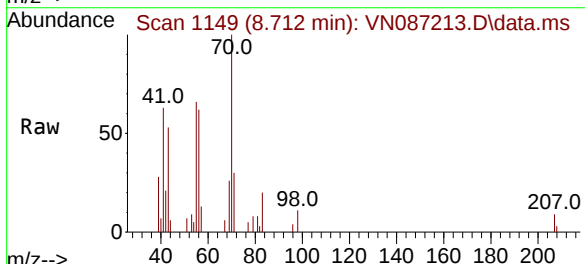
Instrument :
MSVOA_N
ClientSampleId :
MW2

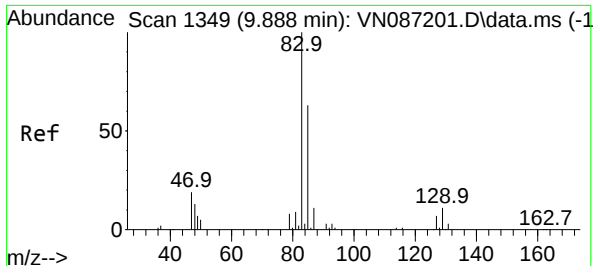
Tgt Ion:	41	Resp:	503
Ion	Ratio	Lower	Upper
41	100		
39	11.3	41.3	61.9#
67	0.0	60.2	90.2#
52	0.0	23.7	35.5#



#43
Isopropyl Acetate
Concen: 1.614 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:	43	Resp:	8919
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.0	31.6#
87	0.0	11.0	16.6#

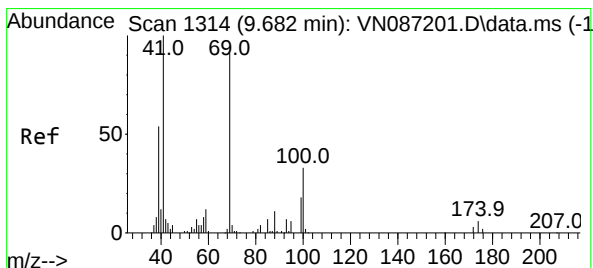
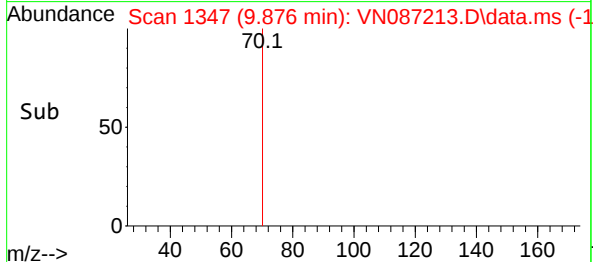
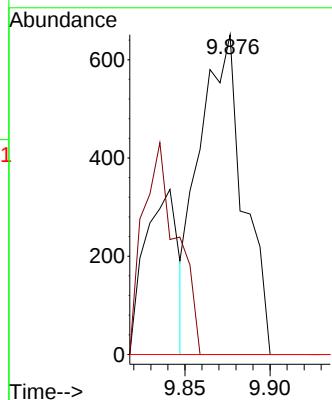
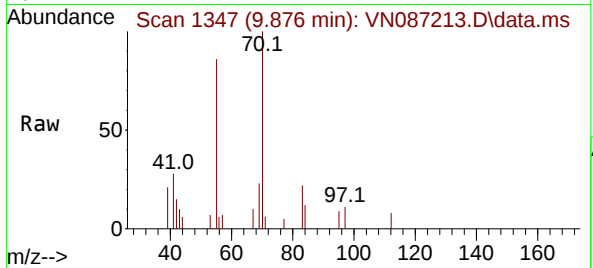




#47
Bromodichloromethane
Concen: 0.361 ug/l
RT: 9.876 min Scan# 1176
Delta R.T. -0.012 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

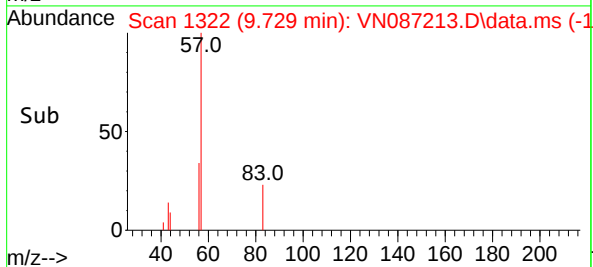
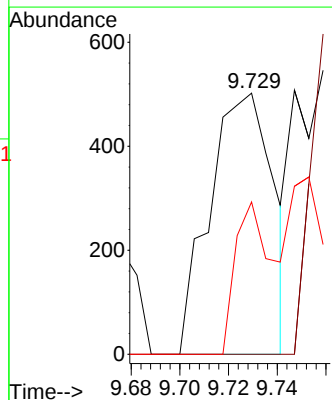
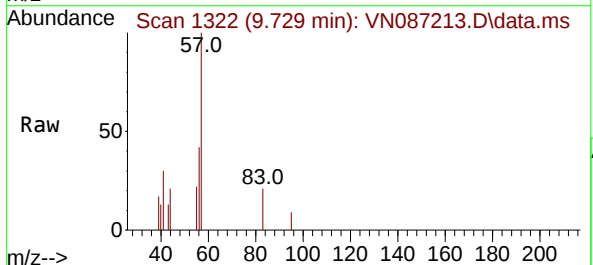
Instrument :
MSVOA_N
ClientSampleId :
MW2

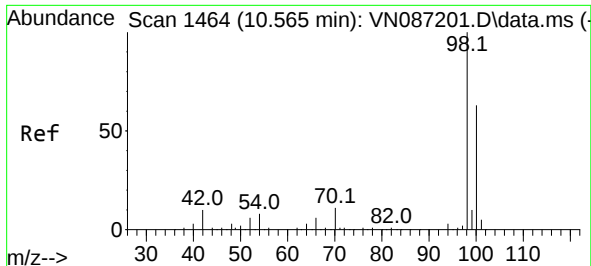
Tgt Ion: 83 Resp: 1176
Ion Ratio Lower Upper
83 100
85 0.0 50.0 75.0#
127 0.0 6.0 9.0#



#48
Methyl methacrylate
Concen: 0.339 ug/l
RT: 9.729 min Scan# 1322
Delta R.T. 0.047 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 41 Resp: 906
Ion Ratio Lower Upper
41 100
69 0.0 69.9 104.9#
39 34.3 43.8 65.6#

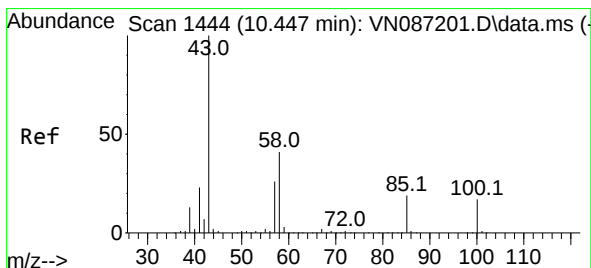
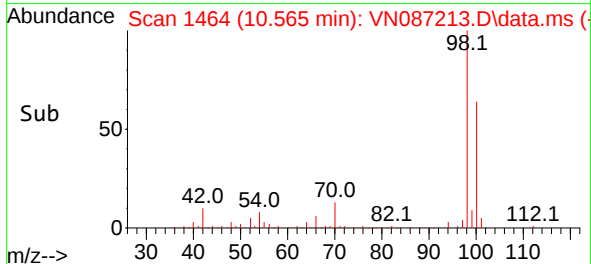
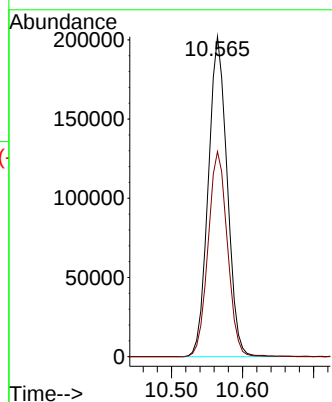
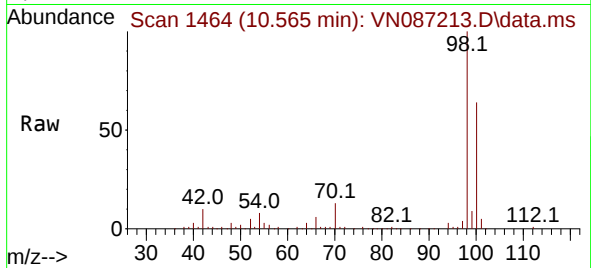




#50
Toluene-d8
Concen: 44.006 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

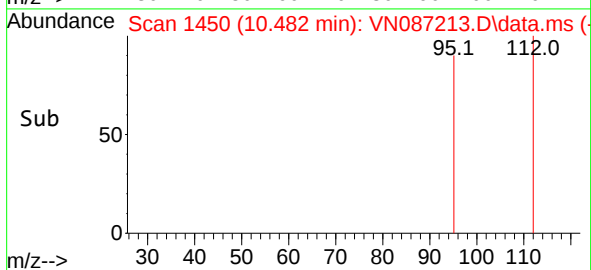
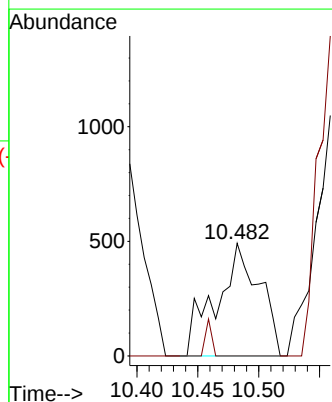
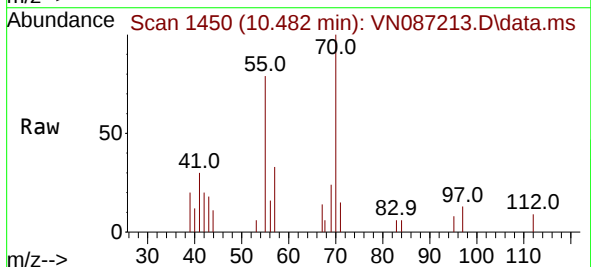
Instrument :
MSVOA_N
ClientSampleId :
MW2

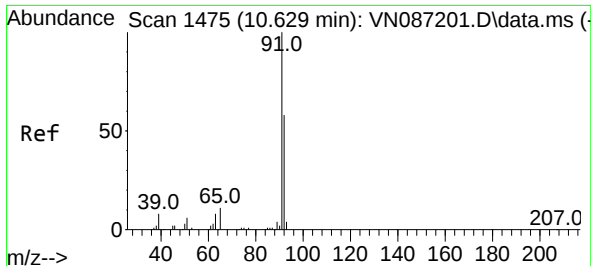
Tgt Ion: 98 Resp: 373564
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 10.482 min Scan# 1450
Delta R.T. 0.035 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 0.0 32.6 48.8#

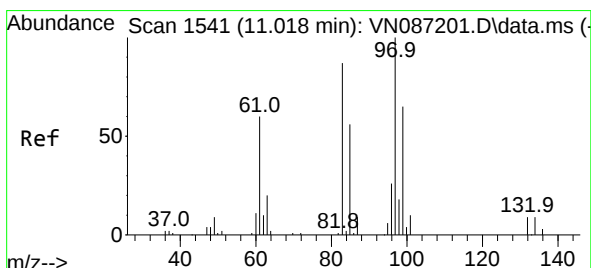
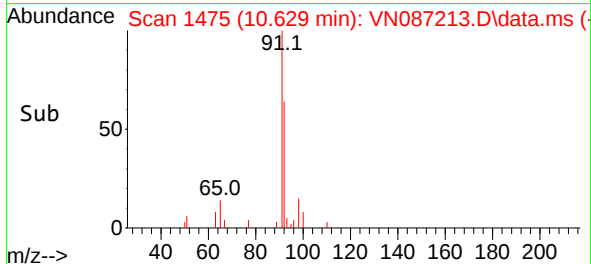
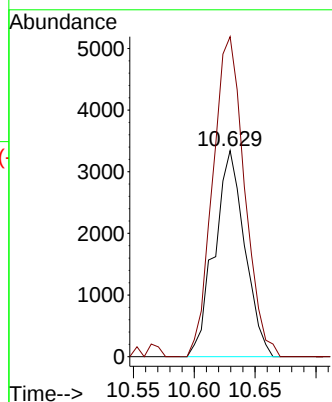
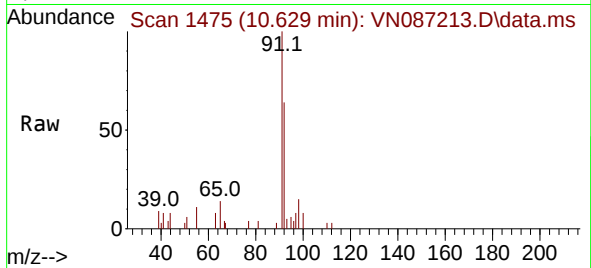




#52
Toluene
Concen: 0.975 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

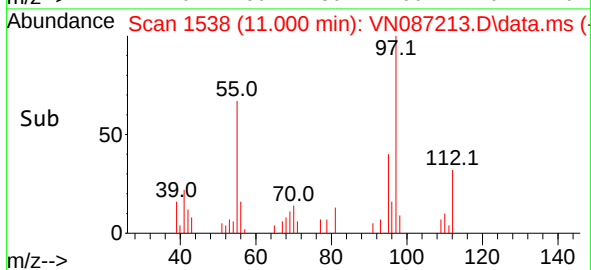
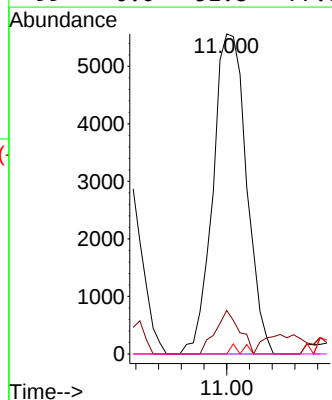
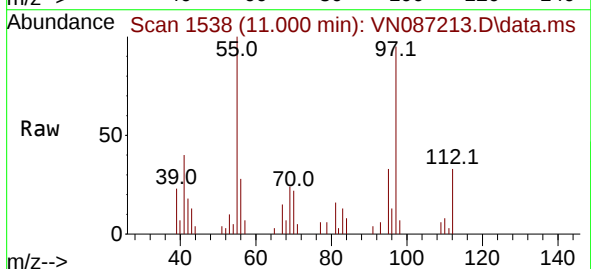
Instrument :
MSVOA_N
ClientSampleId :
MW2

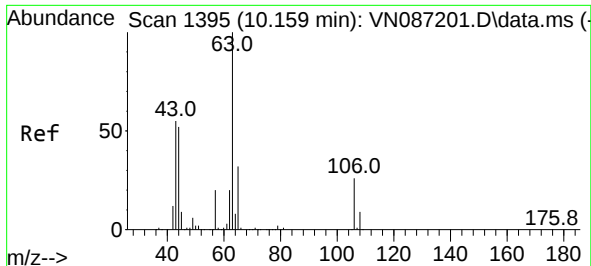
Tgt Ion: 92 Resp: 5788
Ion Ratio Lower Upper
92 100
91 162.8 138.2 207.2



#55
1,1,2-Trichloroethane
Concen: 5.082 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.018 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 97 Resp: 11413
Ion Ratio Lower Upper
97 100
83 13.6 69.5 104.3#
85 0.0 44.7 67.1#
99 0.0 51.8 77.8#

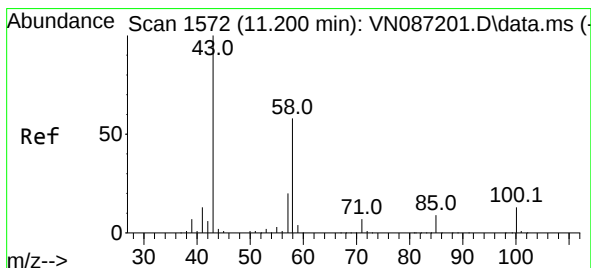
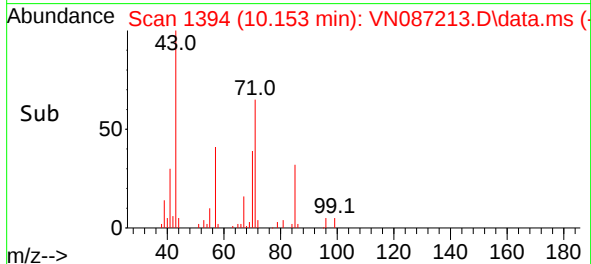
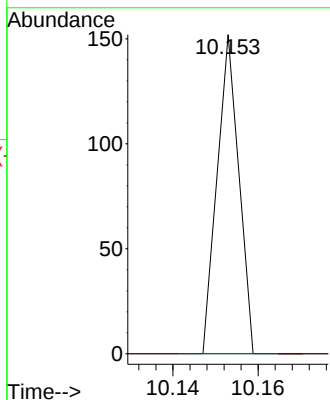
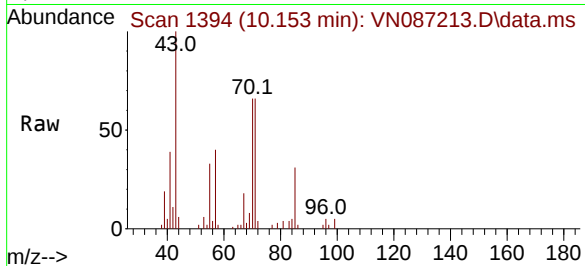




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

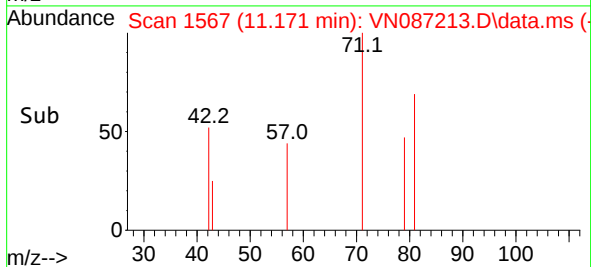
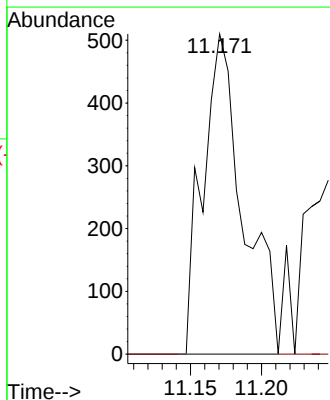
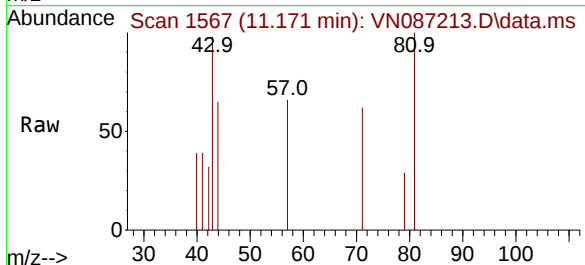
Instrument :
MSVOA_N
ClientSampleId :
MW2

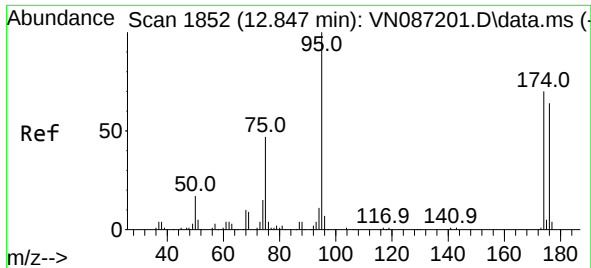
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 0.409 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.030 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.3#

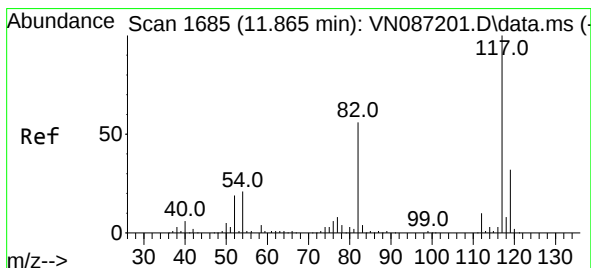
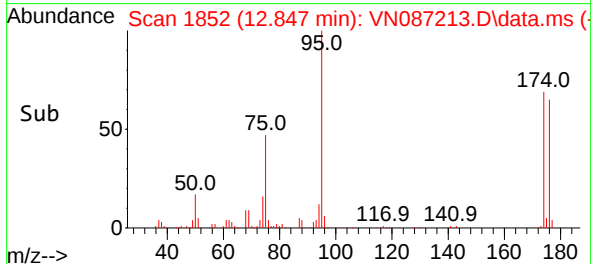
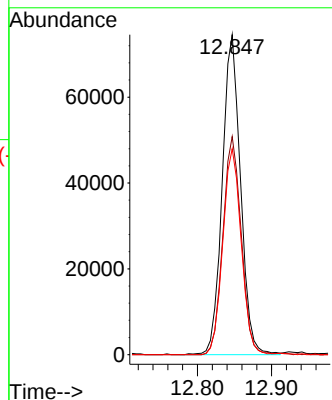
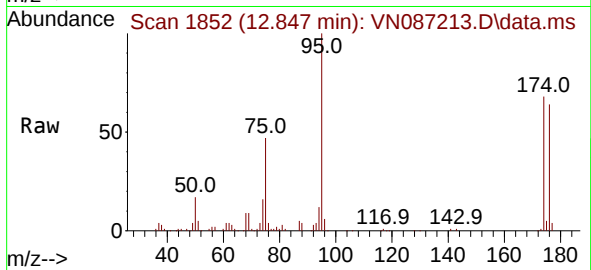




#62
4-Bromofluorobenzene
Concen: 43.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

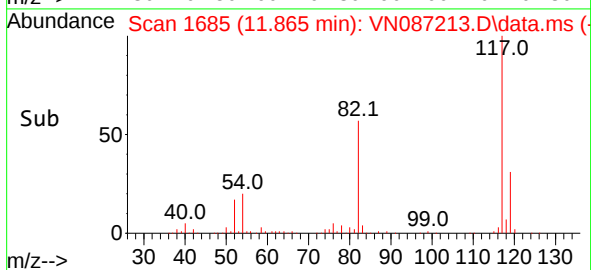
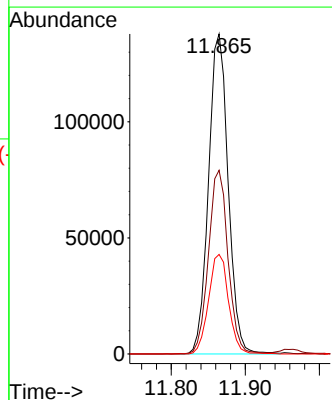
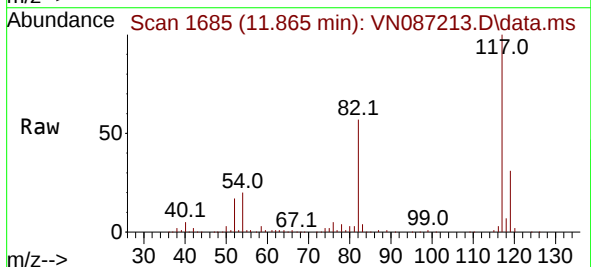
Instrument :
MSVOA_N
ClientSampleId :
MW2

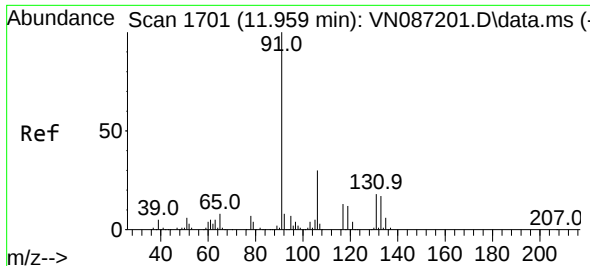
Tgt Ion: 95 Resp: 127776
Ion Ratio Lower Upper
95 100
174 68.2 0.0 142.2
176 64.8 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 117 Resp: 253799
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 31.1 25.9 38.9

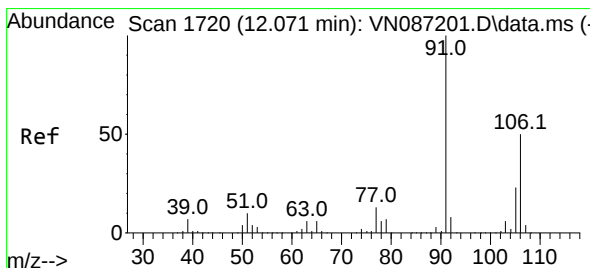
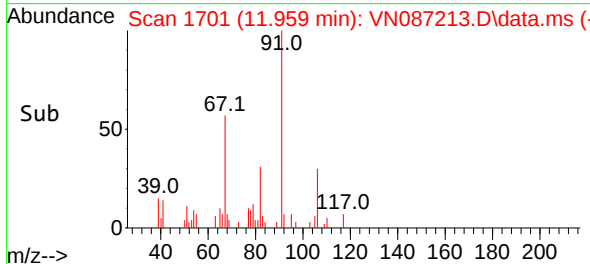
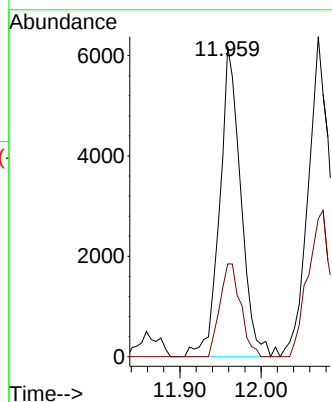
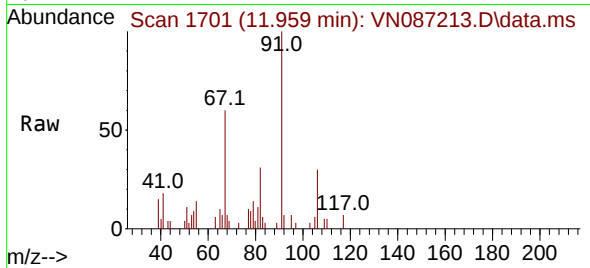




#67
Ethyl Benzene
Concen: 1.197 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

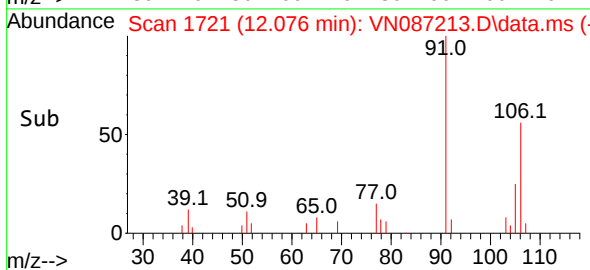
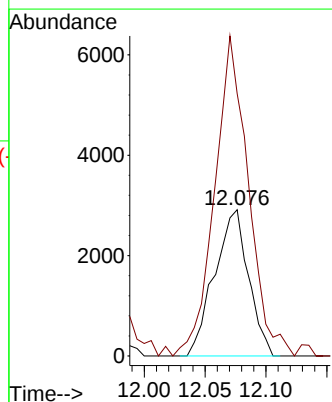
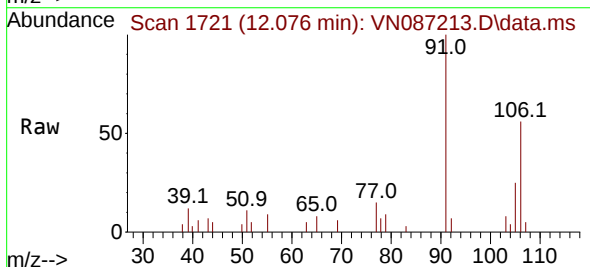
Instrument :
MSVOA_N
ClientSampleId :
MW2

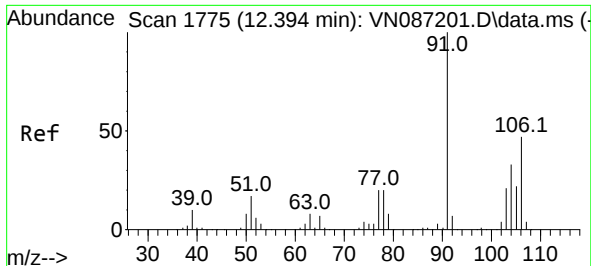
Tgt Ion: 91 Resp: 11235
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 1.579 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:106 Resp: 5672
Ion Ratio Lower Upper
106 100
91 216.4 161.0 241.6

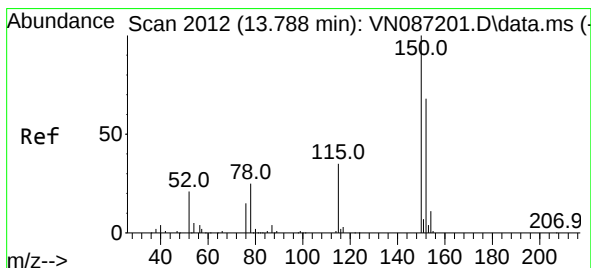
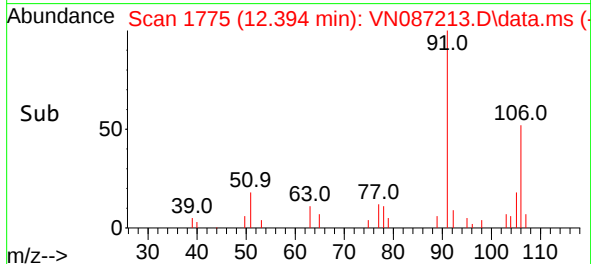
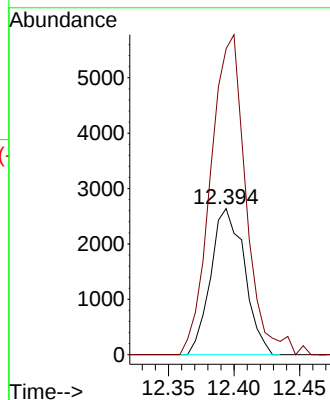
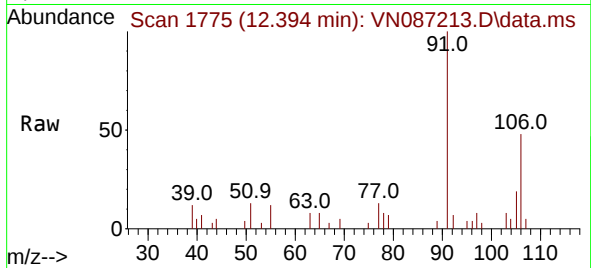




#69
o-Xylene
Concen: 1.446 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

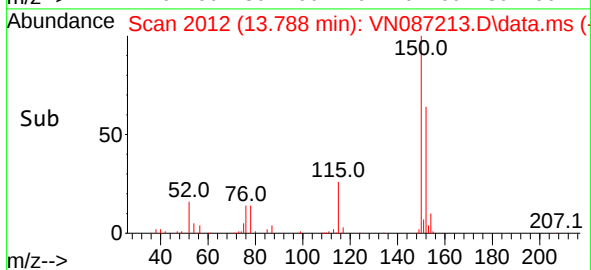
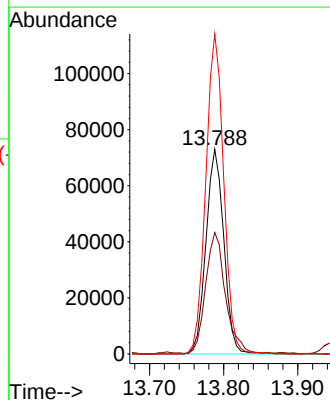
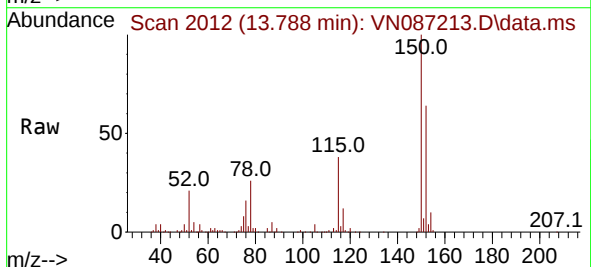
Instrument :
MSVOA_N
ClientSampleId :
MW2

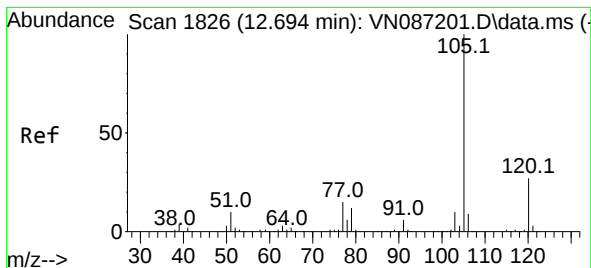
Tgt Ion:106 Resp: 4722
Ion Ratio Lower Upper
106 100
91 229.1 106.7 320.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:152 Resp: 122086
Ion Ratio Lower Upper
152 100
115 65.2 30.6 91.8
150 157.0 0.0 347.8





#73

Isopropylbenzene

Concen: 8.720 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

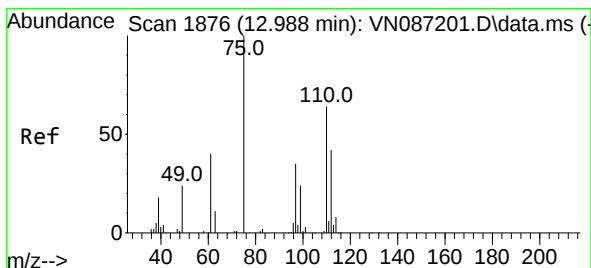
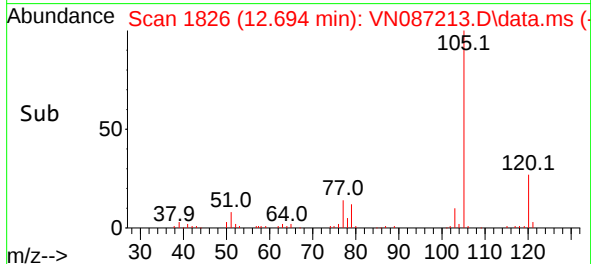
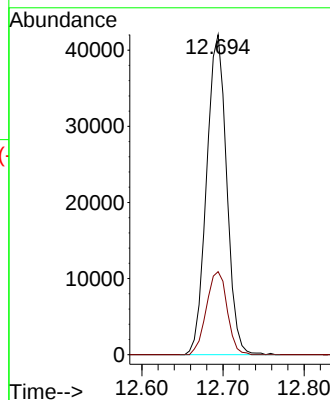
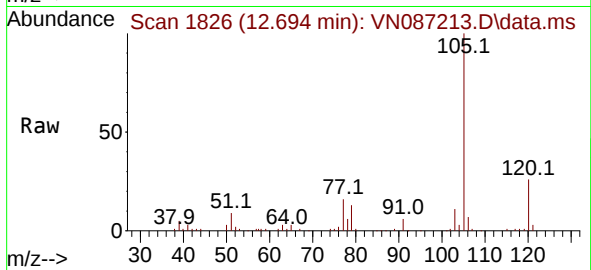
MW2

Tgt Ion:105 Resp: 72069

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#76

1,2,3-Trichloropropane

Concen: 1.122 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.135 min

Lab File: VN087213.D

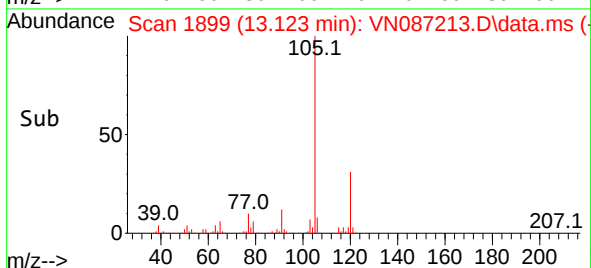
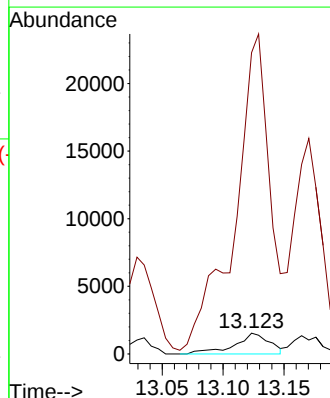
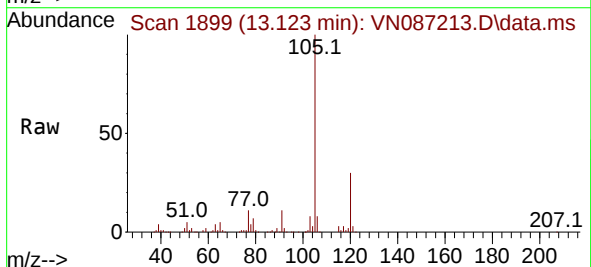
Acq: 27 Jun 2025 12:08

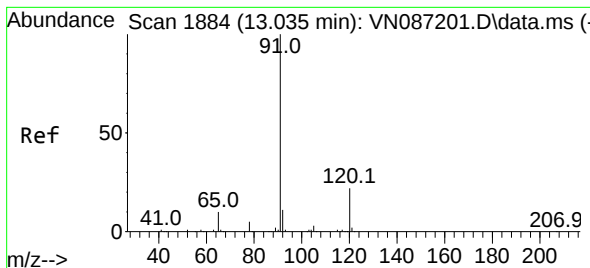
Tgt Ion: 75 Resp: 3056

Ion Ratio Lower Upper

75 100

77 1552.8 85.5 256.6#





#78

n-propylbenzene

Concen: 30.170 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

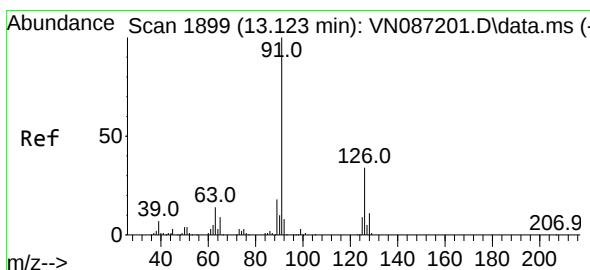
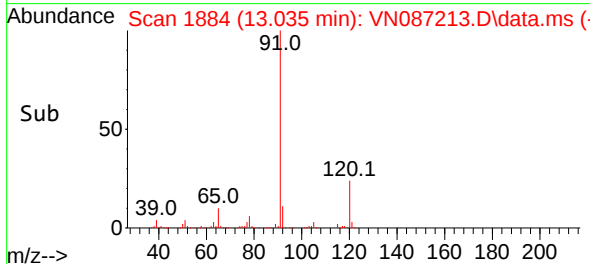
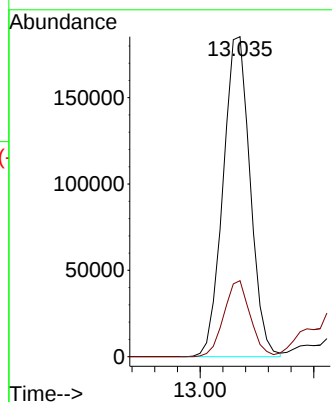
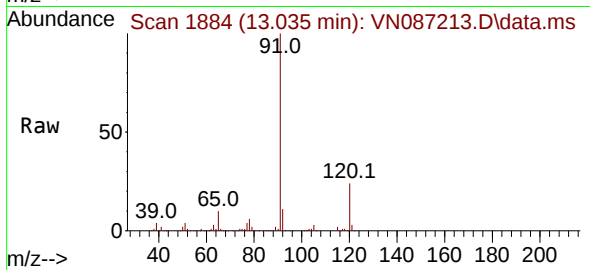
MW2

Tgt Ion: 91 Resp: 307113

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 7.740 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN087213.D

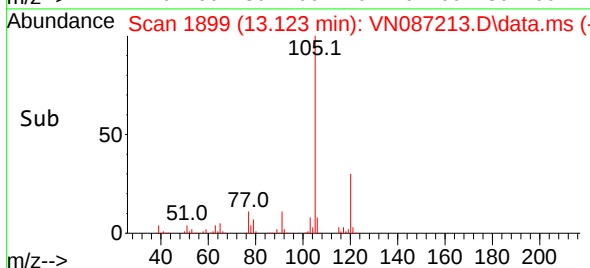
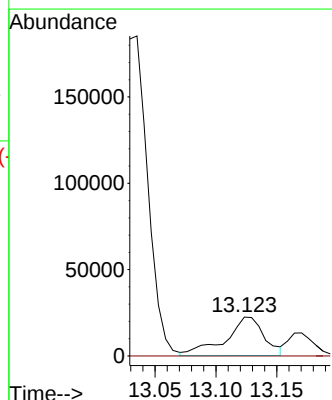
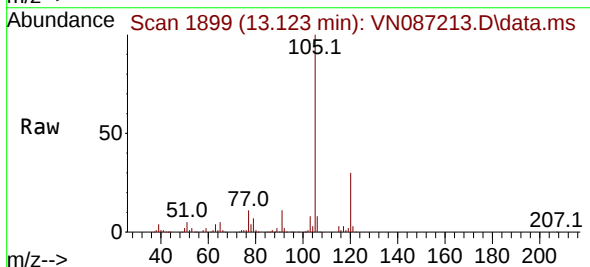
Acq: 27 Jun 2025 12:08

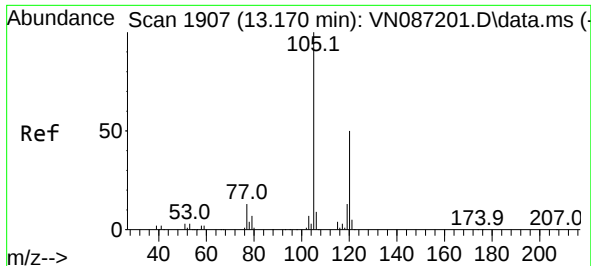
Tgt Ion: 91 Resp: 49050

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#

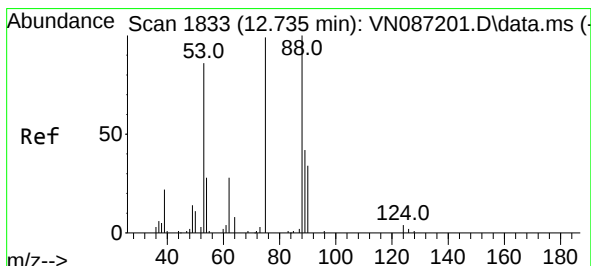
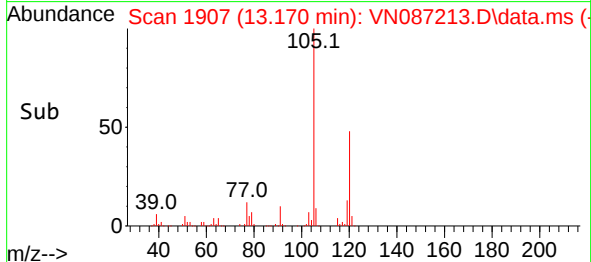
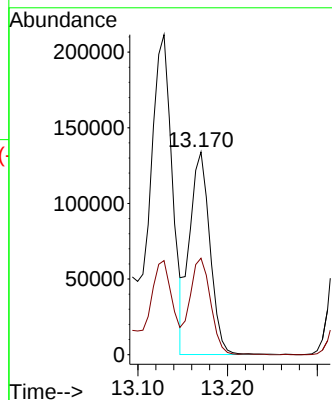
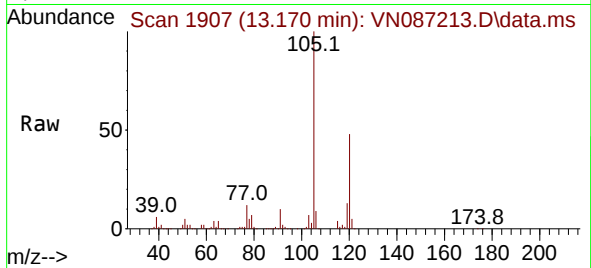




#80
1,3,5-Trimethylbenzene
Concen: 30.835 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

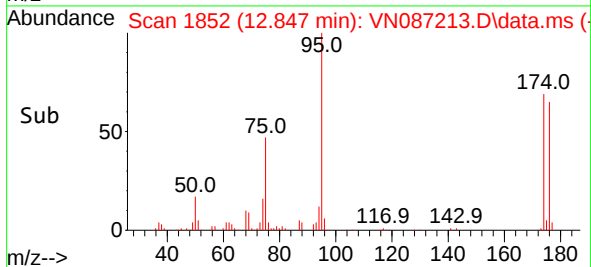
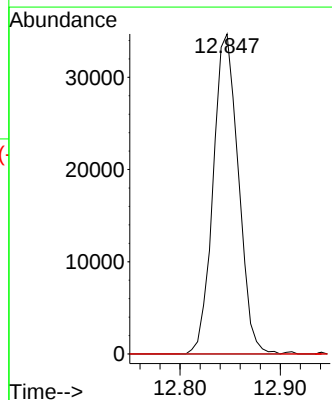
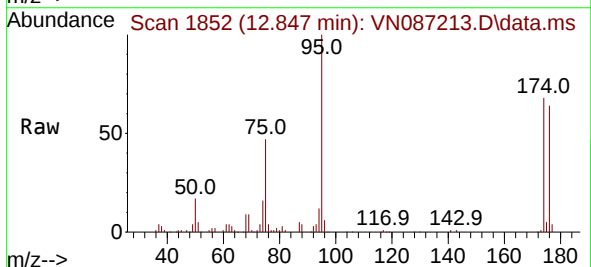
Instrument :
MSVOA_N
ClientSampleId :
MW2

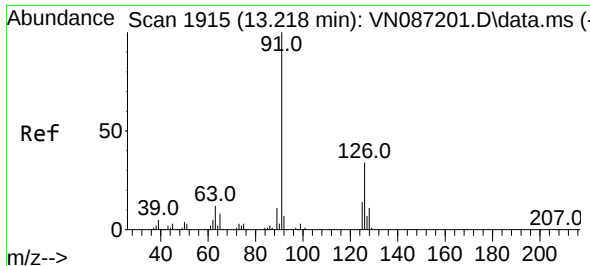
Tgt Ion:105 Resp: 210383
Ion Ratio Lower Upper
105 100
120 48.8 25.1 75.3



#81
trans-1,4-Dichloro-2-butene
Concen: 50.015 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 75 Resp: 60700
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.0#
89 0.0 37.9 56.9#

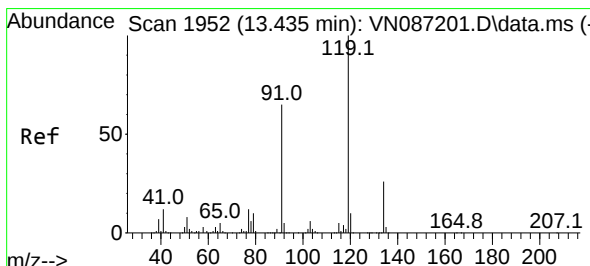
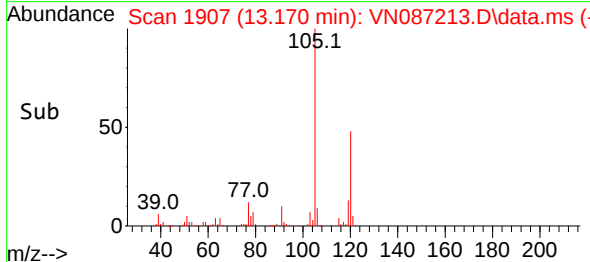
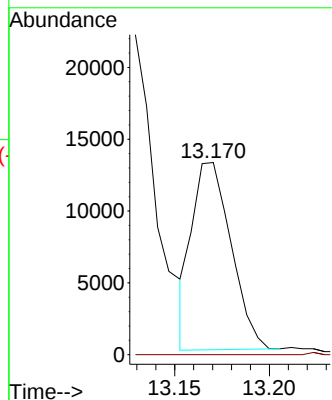
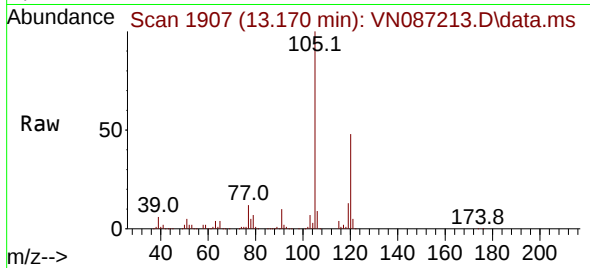




#82
4-Chlorotoluene
Concen: 2.957 ug/l
RT: 13.170 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

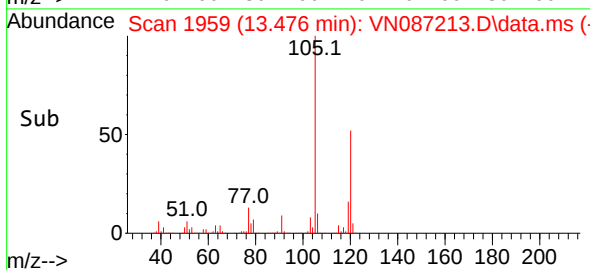
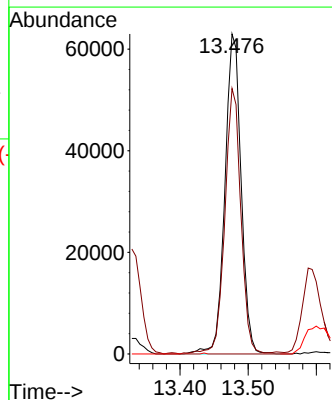
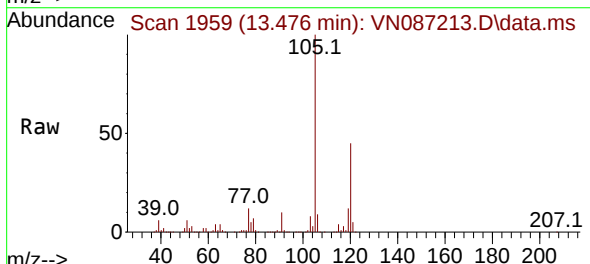
Instrument :
MSVOA_N
ClientSampleId :
MW2

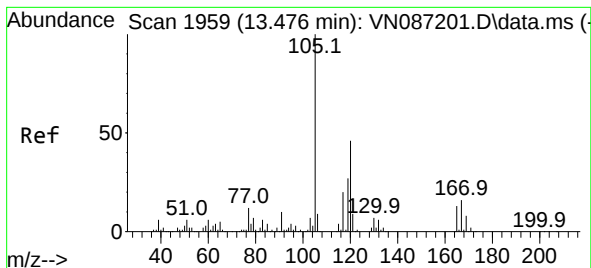
Tgt Ion: 91 Resp: 18678
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#



#83
tert-Butylbenzene
Concen: 17.764 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.041 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 119 Resp: 104108
Ion Ratio Lower Upper
119 100
91 82.1 32.9 98.7
134 0.0 13.5 40.4#





#84

1,2,4-Trimethylbenzene

Concen: 120.926 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

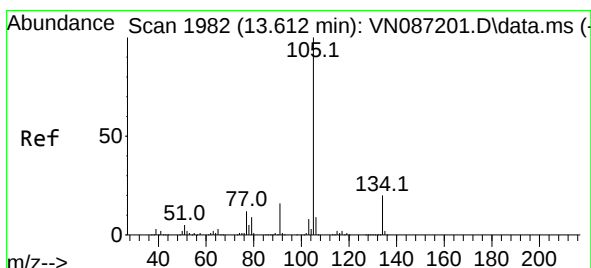
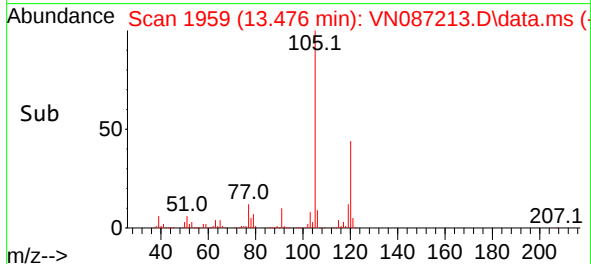
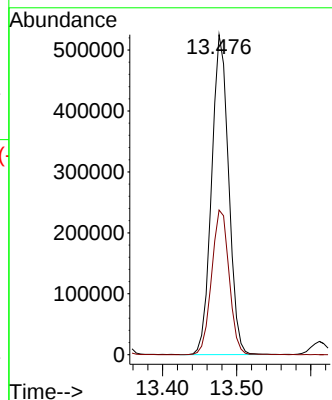
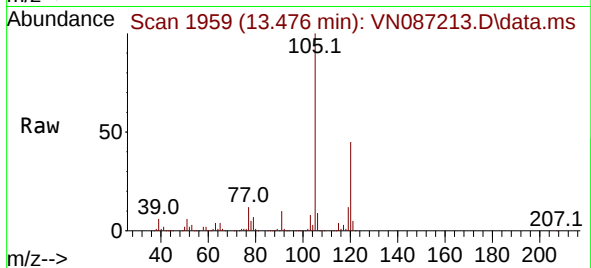
MW2

Tgt Ion:105 Resp: 837189

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.8



#85

sec-Butylbenzene

Concen: 3.808 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087213.D

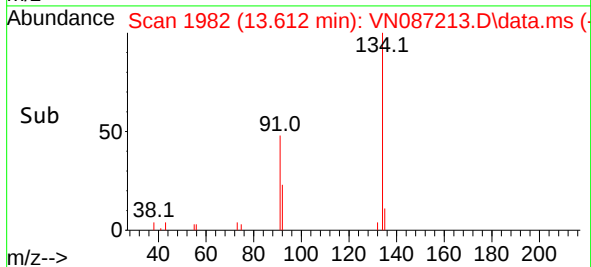
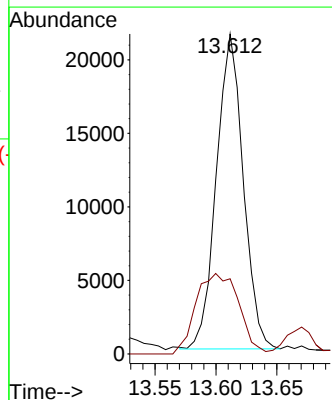
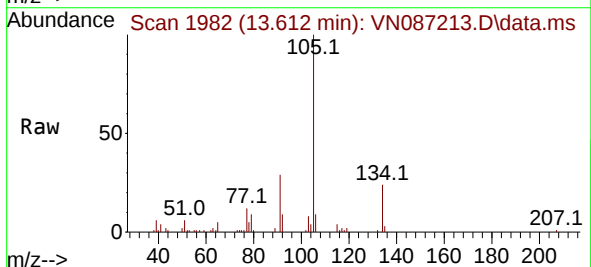
Acq: 27 Jun 2025 12:08

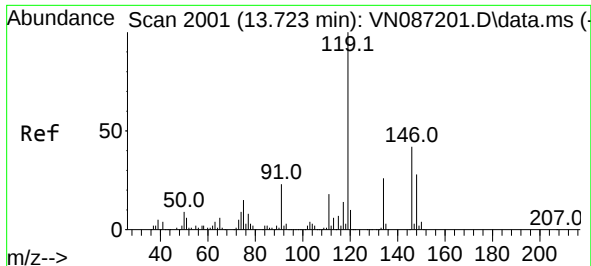
Tgt Ion:105 Resp: 32879

Ion Ratio Lower Upper

105 100

134 40.6 9.9 29.7#

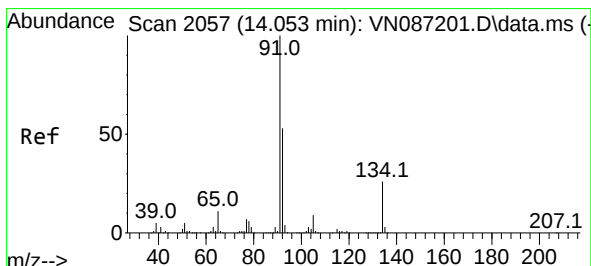
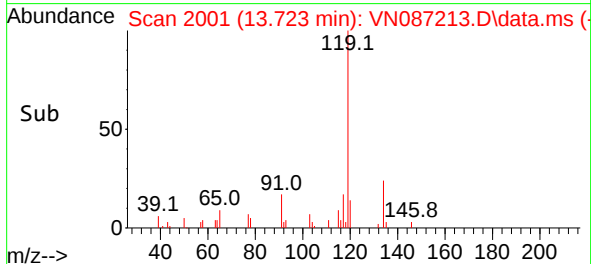
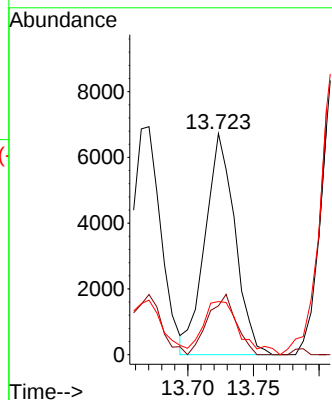
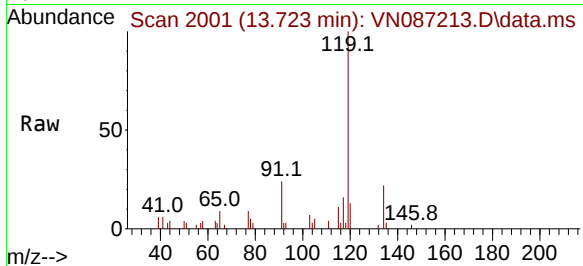




#86
 p-Isopropyltoluene
 Concen: 1.503 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN087213.D
 Acq: 27 Jun 2025 12:08

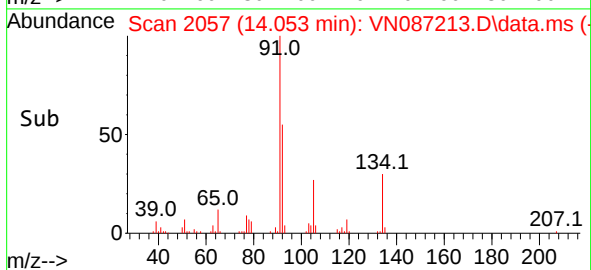
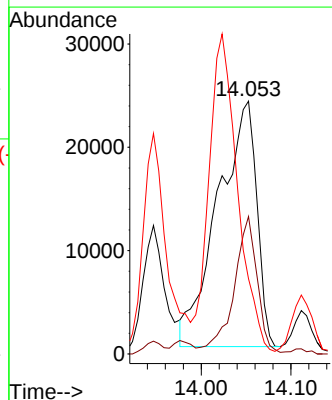
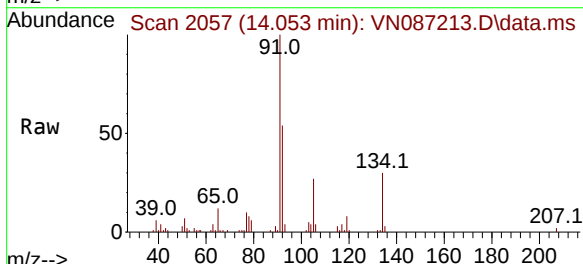
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

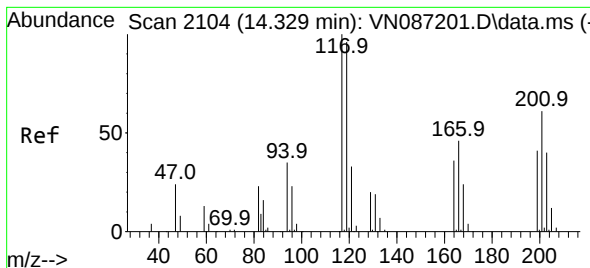
Tgt Ion:	119	Resp:	10647
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.4	40.1
91	29.1	11.5	34.4



#89
 n-Butylbenzene
 Concen: 10.844 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN087213.D
 Acq: 27 Jun 2025 12:08

Tgt Ion:	91	Resp:	71350
Ion	Ratio	Lower	Upper
91	100		
92	32.5	26.9	80.7
134	0.0	12.8	38.4





#90

Hexachloroethane

Concen: 20.269 ug/l

RT: 14.323 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

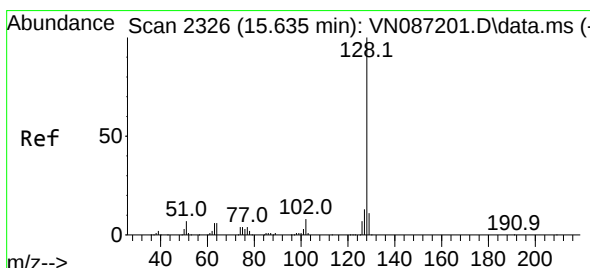
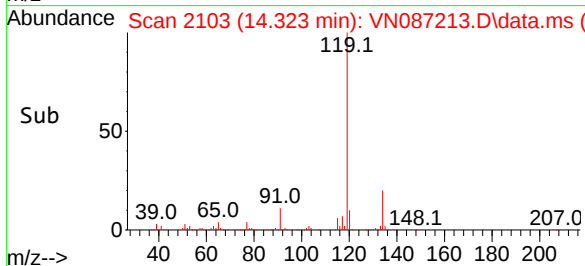
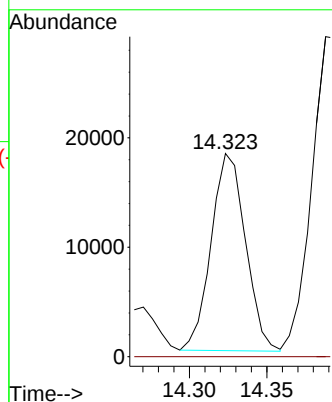
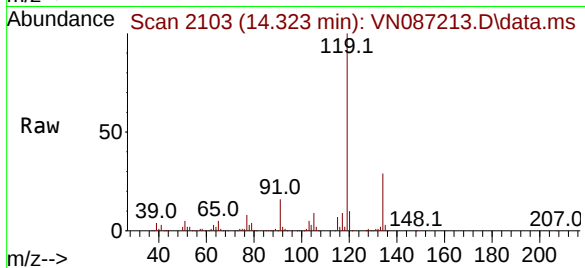
MW2

Tgt Ion:117 Resp: 27777

Ion Ratio Lower Upper

117 100

201 0.0 31.8 95.3#



#95

Naphthalene

Concen: 2.455 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN087213.D

Acq: 27 Jun 2025 12:08

Tgt Ion:128 Resp: 19735

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 10.4 8.6 13.0

