

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087227.D
 Acq On : 27 Jun 2025 17:00
 Operator : JC\MD
 Sample : Q2366-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 250528063-02-VOA

Quant Time: Jun 27 23:47:37 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	223396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	449735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	201312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182551	56.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.560%
35) Dibromofluoromethane	8.177	113	145707	50.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	10.565	98	587145	48.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.847	95	206595	49.510	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.020%
Target Compounds						
					Qvalue	
6) Chloroethane	3.153	64	1099	0.712	ug/l #	83
8) Diethyl Ether	3.983	74	18863	12.057	ug/l	95
11) Tert butyl alcohol	5.536	59	164809	232.666	ug/l	100
14) Allyl chloride	4.953	41	1927	Below Cal	#	25
15) Acrylonitrile	5.547	53	418	Below Cal	#	18
16) Acetone	4.459	43	3534	Below Cal		95
17) Carbon Disulfide	4.736	76	362	Below Cal	#	76
19) Methyl tert-butyl Ether	5.824	73	4248	0.471	ug/l	97
25) 2-Butanone	7.436	43	10943	4.490	ug/l #	71
26) 2,2-Dichloropropane	7.441	77	14778	3.373	ug/l #	52
29) Tetrahydrofuran	7.847	42	163685	102.428	ug/l	95
31) Cyclohexane	8.230	56	5149	1.035	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	21081	4.950	ug/l #	48
37) Ethyl Acetate	7.436	43	10943	Below Cal	#	1
38) Carbon Tetrachloride	8.230	117	23134	5.577	ug/l #	17
40) Benzene	8.612	78	8982	0.683	ug/l	96
41) Methacrylonitrile	7.847	41	97184	34.867	ug/l #	47
43) Isopropyl Acetate	8.659	43	2963	0.378	ug/l #	55
49) 1,4-Dioxane	9.700	88	9513	155.742	ug/l #	97
51) 4-Methyl-2-Pentanone	10.429	43	4387	Below Cal	#	35
52) Toluene	10.629	92	6343	0.754	ug/l	98
65) Chlorobenzene	11.888	112	77053	8.584	ug/l	98
67) Ethyl Benzene	11.965	91	43116	2.880	ug/l	97
68) m/p-Xylenes	12.065	106	25206	4.400	ug/l	97
69) o-Xylene	12.400	106	18584	3.569	ug/l	93
70) Styrene	12.400	104	1999	0.224	ug/l #	1
73) Isopropylbenzene	12.694	105	4930	0.362	ug/l	96
76) 1,2,3-Trichloropropane	12.847	75	101915	22.691	ug/l #	1
79) 2-Chlorotoluene	13.123	91	7512	0.719	ug/l	89
80) 1,3,5-Trimethylbenzene	13.170	105	4383	0.390	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	101915	50.927	ug/l #	13
82) 4-Chlorotoluene	13.123	91	7512	0.721	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	21513	1.884	ug/l	97
86) p-Isopropyltoluene	13.723	119	5263	0.451	ug/l	90
87) 1,3-Dichlorobenzene	13.812	146	47130	7.071	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	47130	6.878	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087227.D
Acq On : 27 Jun 2025 17:00
Operator : JC\MD
Sample : Q2366-01RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

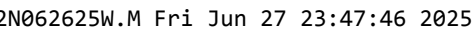
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

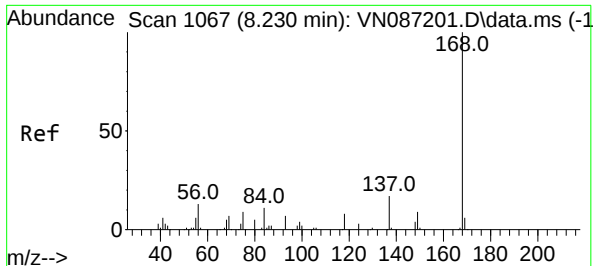
Quant Time: Jun 27 23:47:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.994	91	2630	0.242	ug/l #	35
90) Hexachloroethane	14.329	117	708	0.313	ug/l #	18
91) 1,2-Dichlorobenzene	14.100	146	2957	0.471	ug/l	99
95) Naphthalene	15.635	128	72078	5.437	ug/l	100

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

Quant Time: Jun 27 23:47:37 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

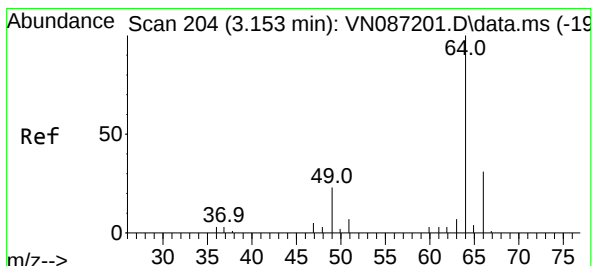
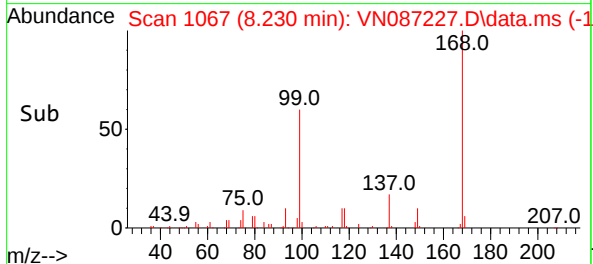
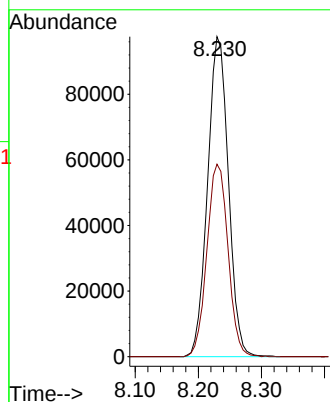
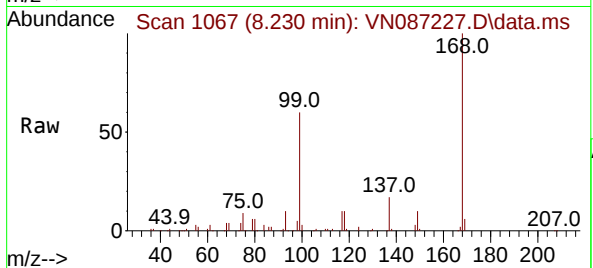




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

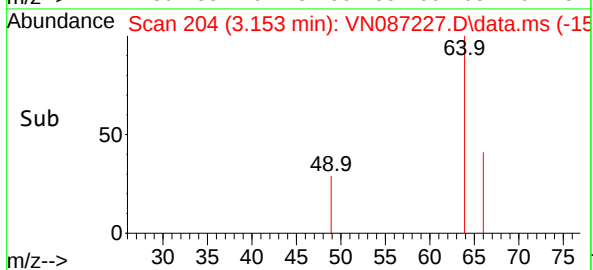
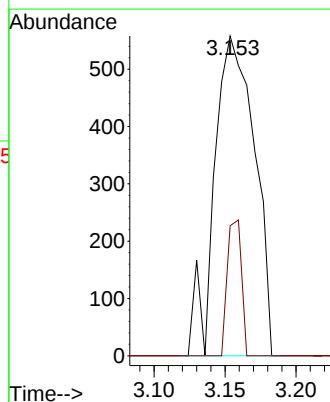
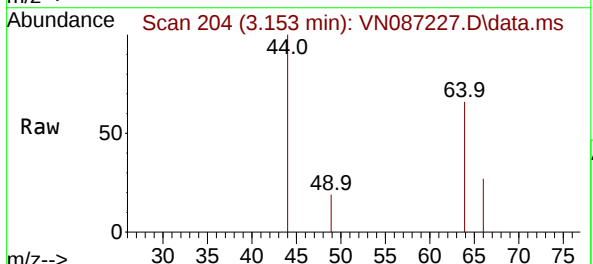
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

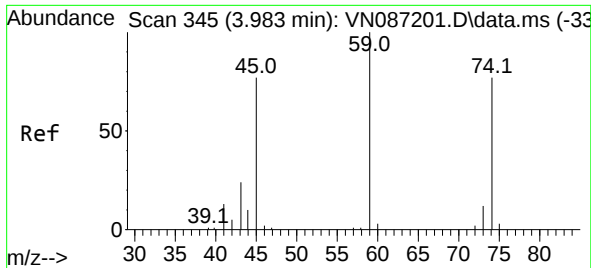
Tgt Ion:168 Resp: 223396
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#6
Chloroethane
Concen: 0.712 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 64 Resp: 1099
Ion Ratio Lower Upper
64 100
66 40.7 25.0 37.4#





#8

Diethyl Ether

Concen: 12.057 ug/l

RT: 3.983 min Scan# 345

Delta R.T. -0.000 min

Lab File: VN087227.D

Acq: 27 Jun 2025 17:00

Instrument :

MSVOA_N

ClientSampleId :

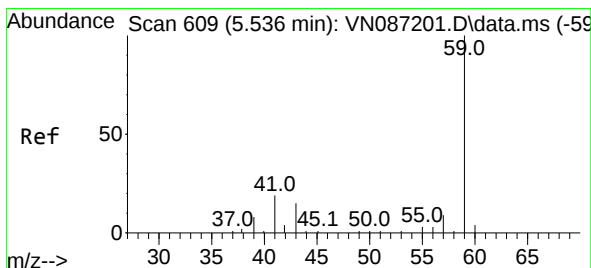
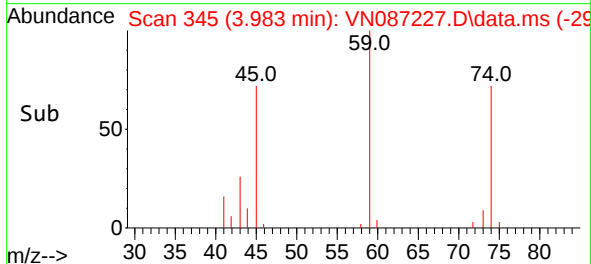
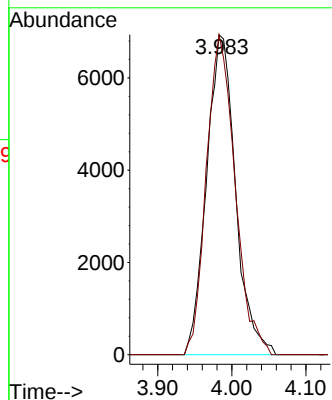
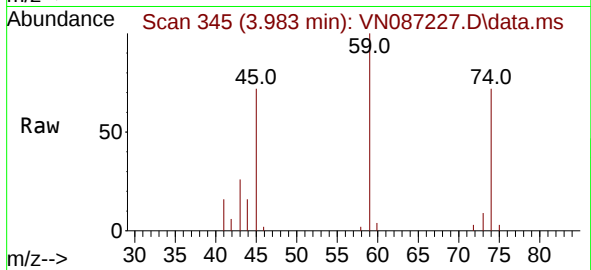
250528063-02-VOA

Tgt Ion: 74 Resp: 18863

Ion Ratio Lower Upper

74 100

45 98.7 47.0 141.2



#11

Tert butyl alcohol

Concen: 232.666 ug/l

RT: 5.536 min Scan# 609

Delta R.T. -0.000 min

Lab File: VN087227.D

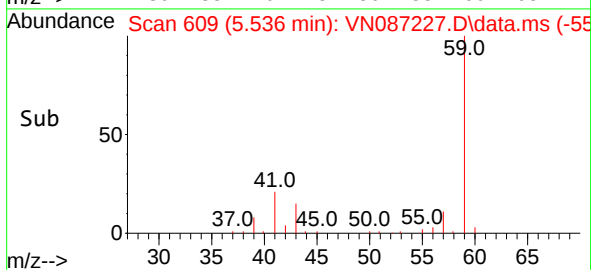
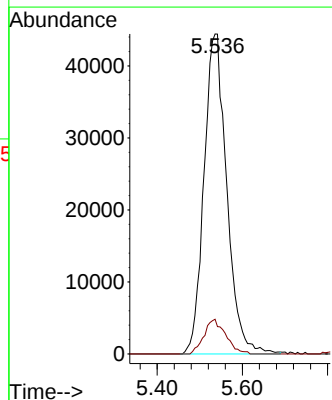
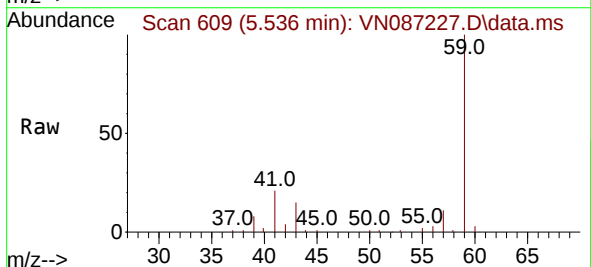
Acq: 27 Jun 2025 17:00

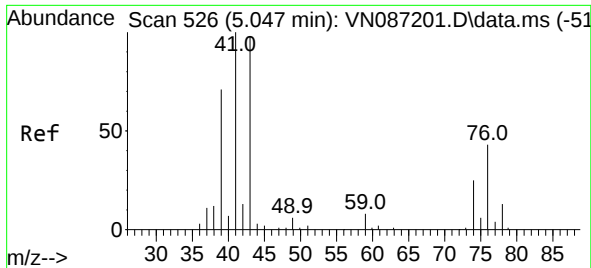
Tgt Ion: 59 Resp: 164809

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2

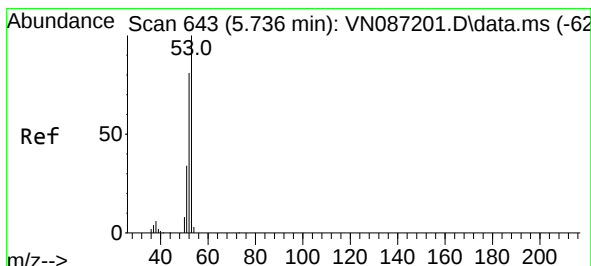
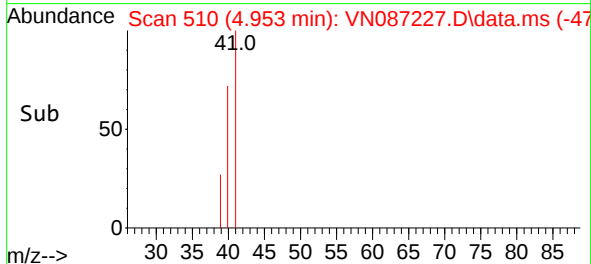
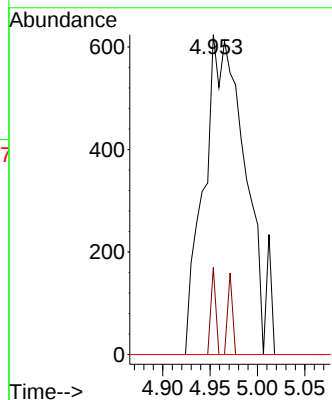
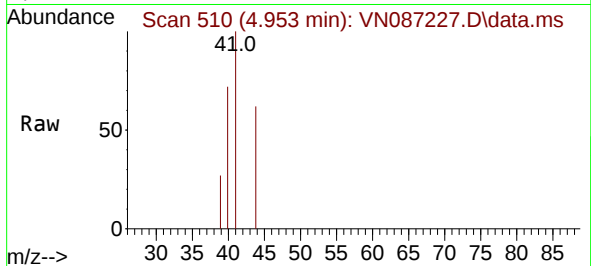




#14
Allyl chloride
Concen: Below Cal
RT: 4.953 min Scan# 511
Delta R.T. -0.094 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

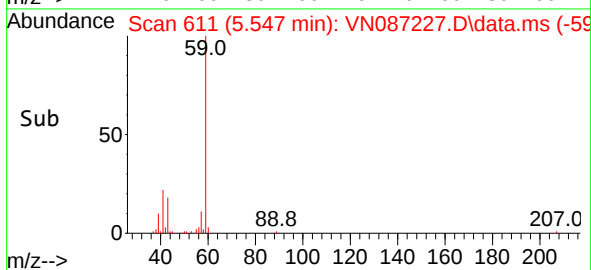
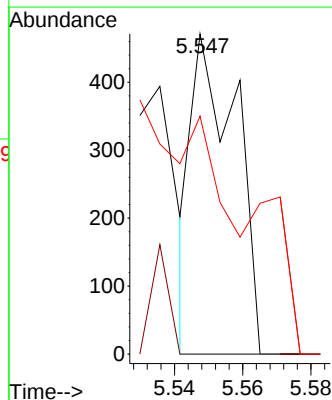
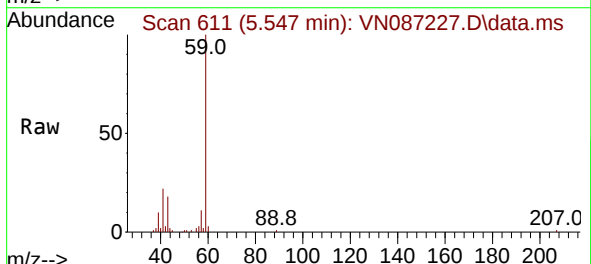
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

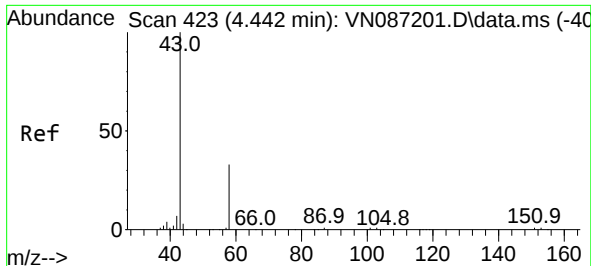
Tgt Ion:	41	Resp:	1927
Ion	Ratio	Lower	Upper
41	100		
39	3.1	55.0	82.6#
76	0.0	31.3	46.9#



#15
Acrylonitrile
Concen: Below Cal
RT: 5.547 min Scan# 611
Delta R.T. -0.189 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion:	53	Resp:	418
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.0	97.6#
51	0.0	27.8	41.6#

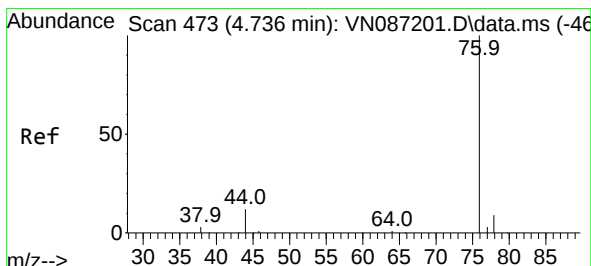
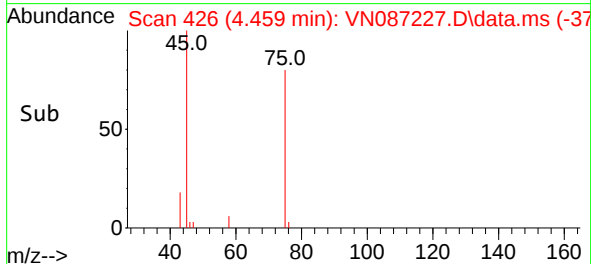
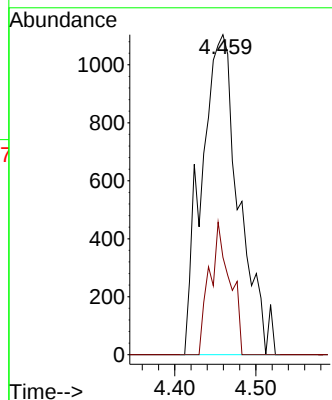
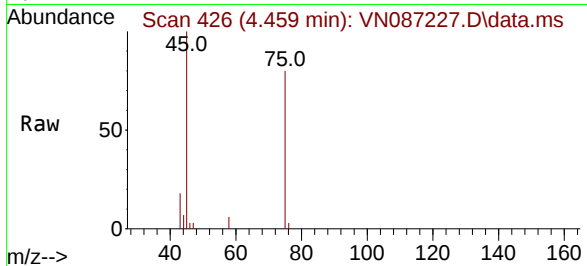




#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

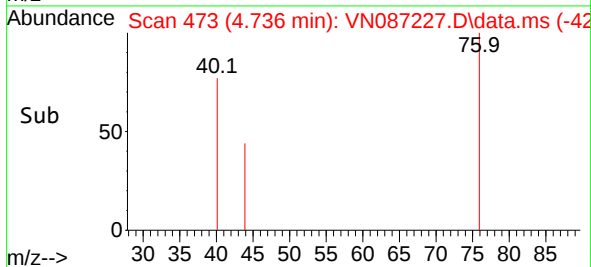
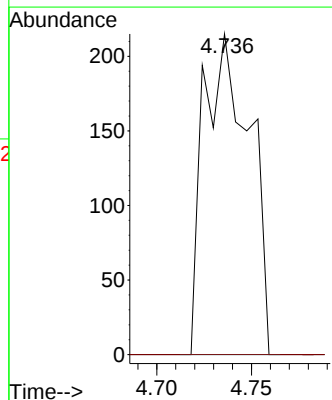
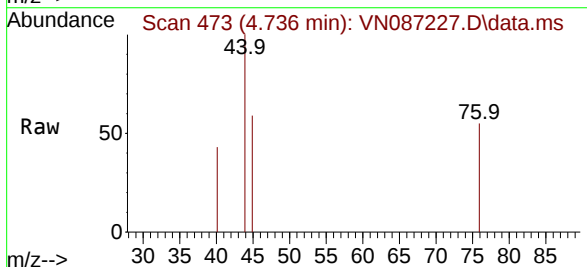
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

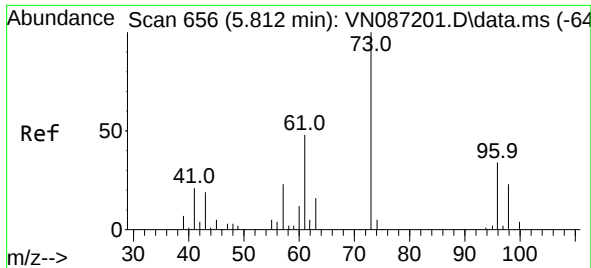
Tgt Ion: 43 Resp: 3534
Ion Ratio Lower Upper
43 100
58 30.4 26.5 39.7



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.736 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 76 Resp: 362
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

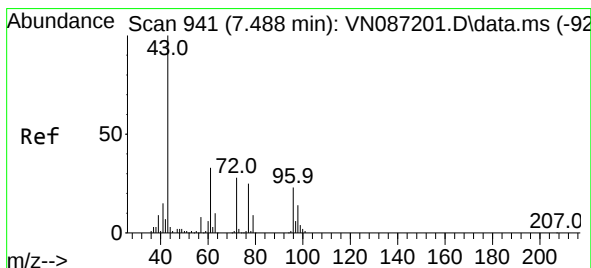
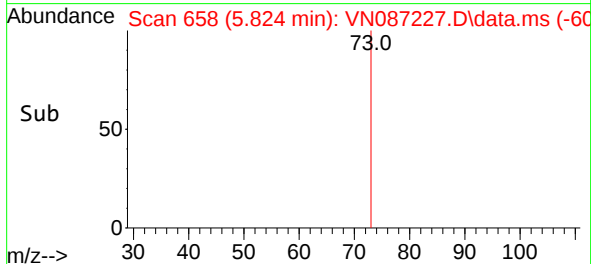
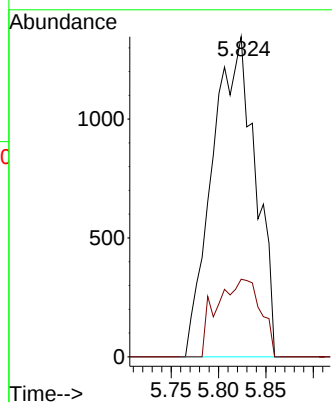
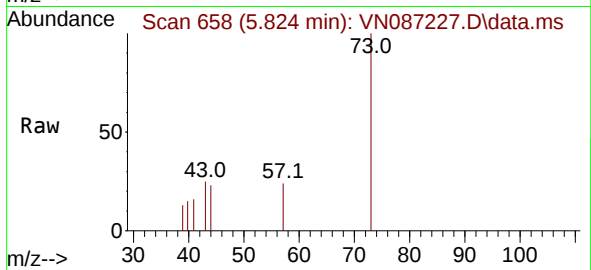




#19
Methyl tert-butyl Ether
Concen: 0.471 ug/l
RT: 5.824 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

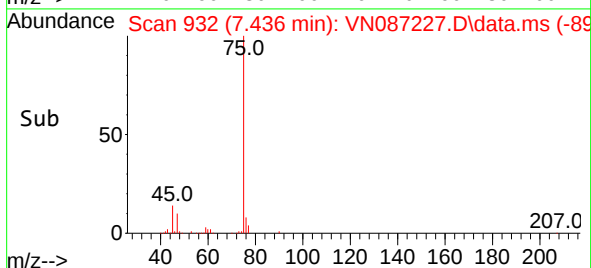
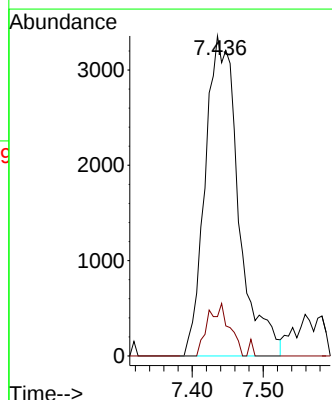
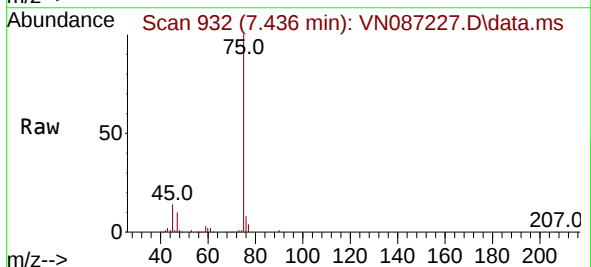
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

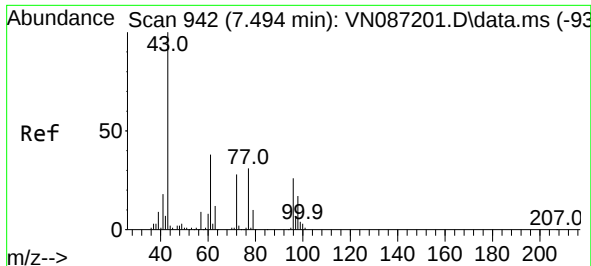
Tgt Ion: 73 Resp: 4248
Ion Ratio Lower Upper
73 100
57 24.2 18.2 27.4



#25
2-Butanone
Concen: 4.490 ug/l
RT: 7.436 min Scan# 932
Delta R.T. -0.053 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 43 Resp: 10943
Ion Ratio Lower Upper
43 100
72 12.3 22.2 33.2#

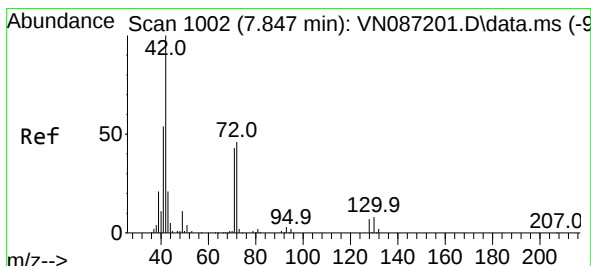
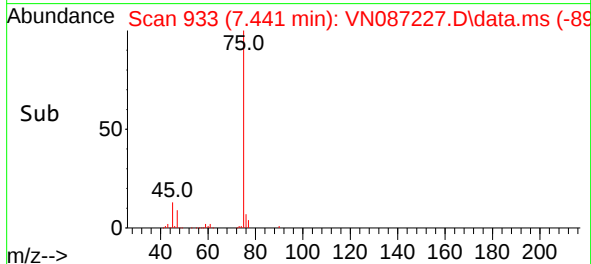
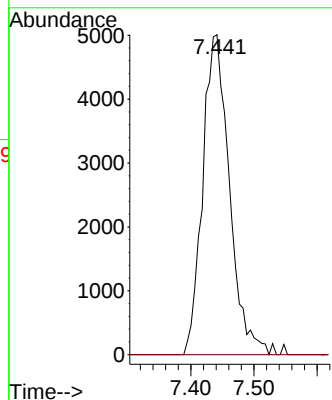
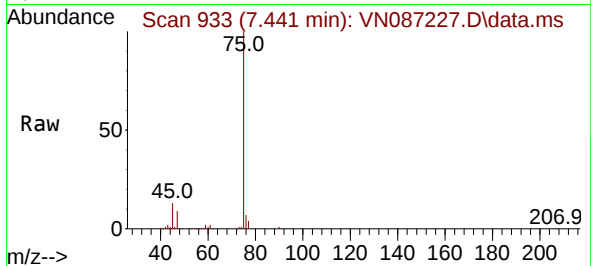




#26
2,2-Dichloropropane
Concen: 3.373 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

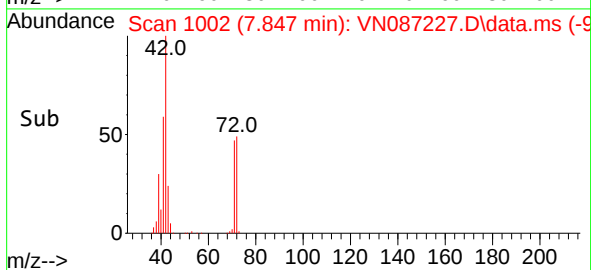
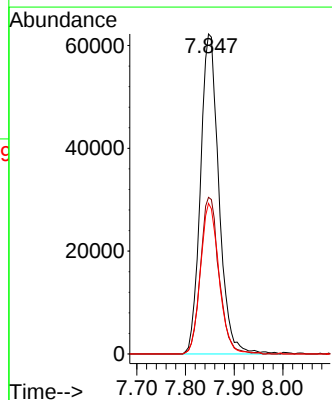
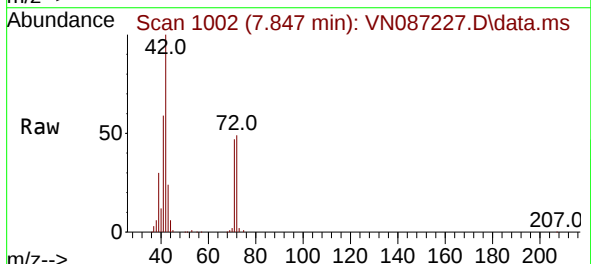
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

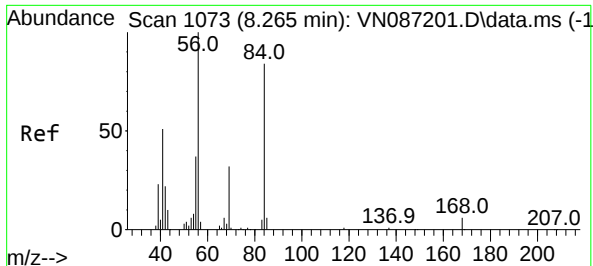
Tgt Ion: 77 Resp: 14778
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#



#29
Tetrahydrofuran
Concen: 102.428 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 42 Resp: 163685
Ion Ratio Lower Upper
42 100
72 49.1 36.9 55.3
71 47.4 35.0 52.4

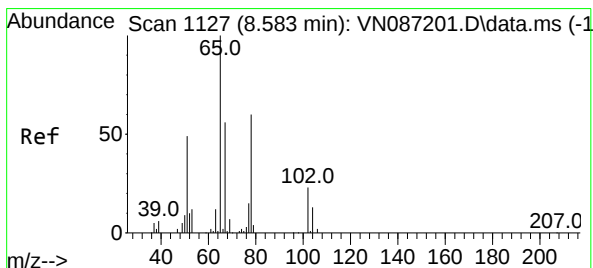
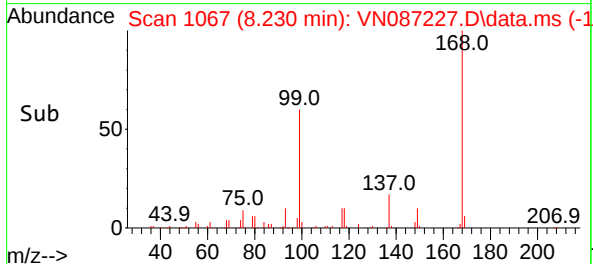
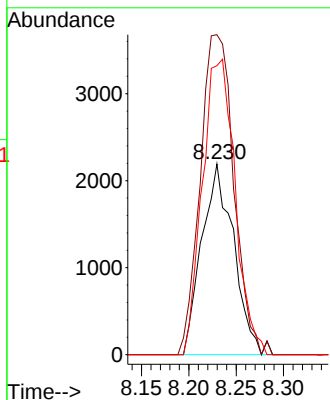
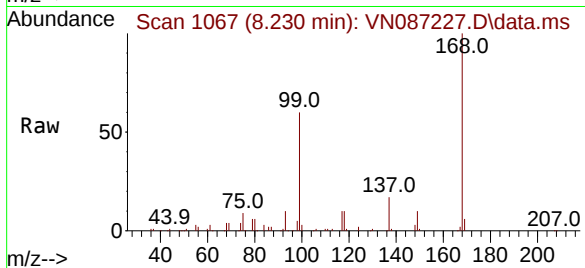




#31
Cyclohexane
Concen: 1.035 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

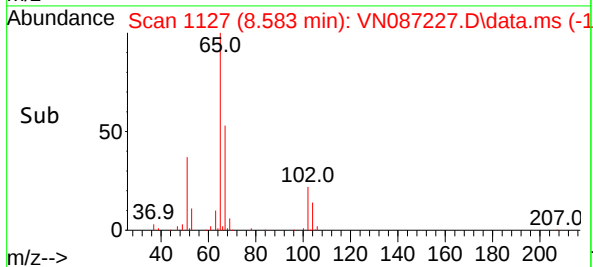
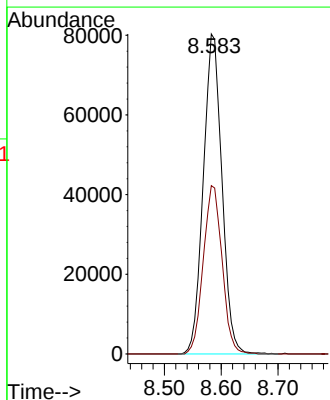
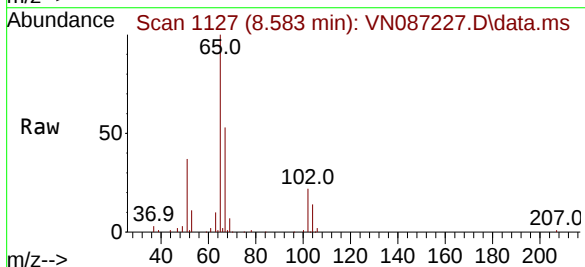
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

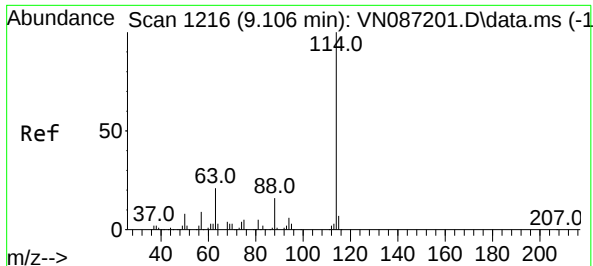
Tgt Ion: 56 Resp: 5149
Ion Ratio Lower Upper
56 100
69 167.7 25.3 37.9#
84 151.5 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 56.783 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 65 Resp: 182551
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0

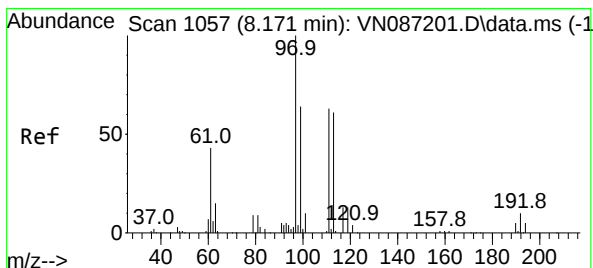
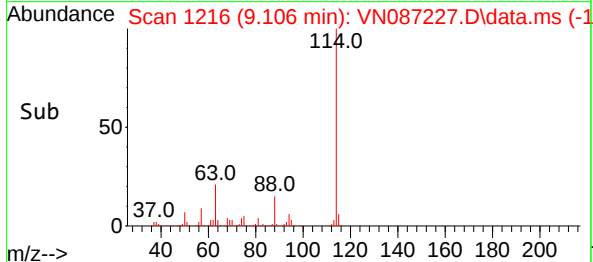
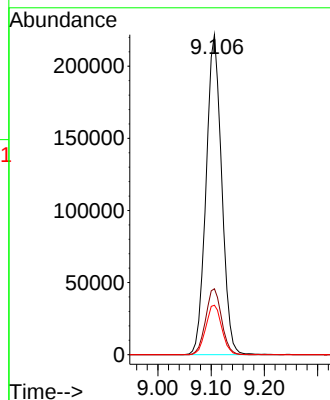
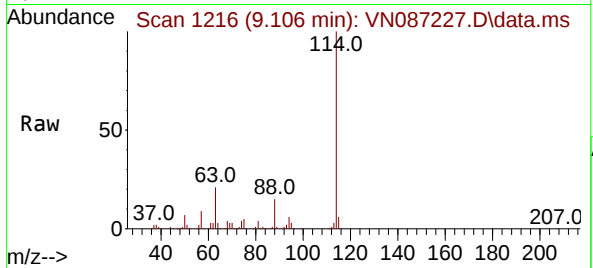




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

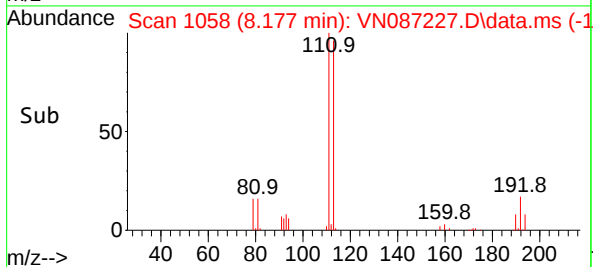
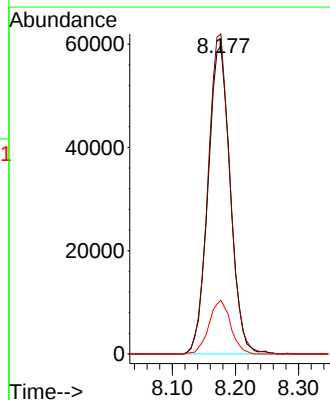
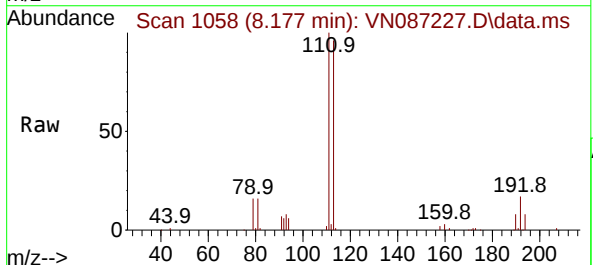
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

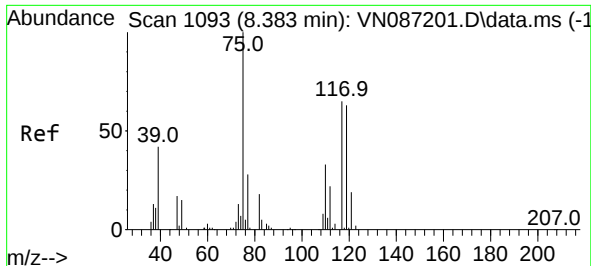
Tgt Ion:114 Resp: 449735
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.0
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.113 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion:113 Resp: 145707
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.0 13.5 20.3

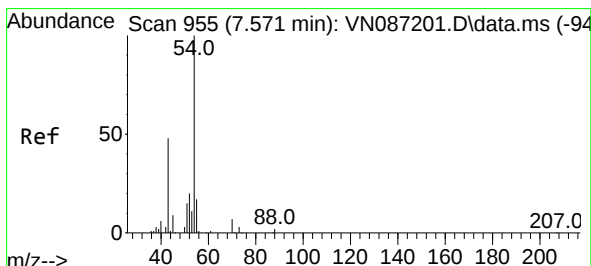
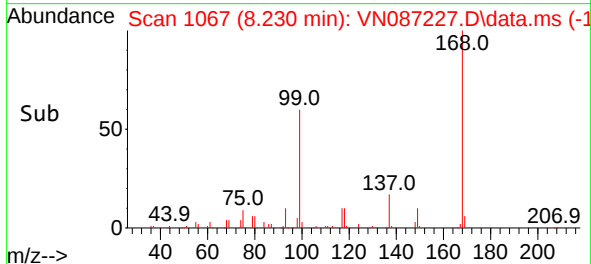
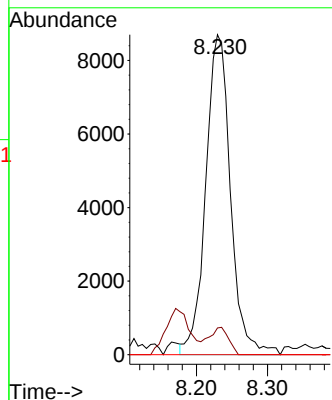
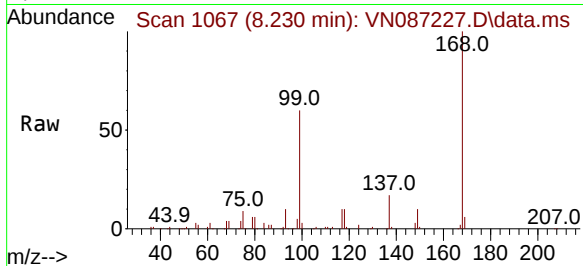




#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 8.230 min Scan# 1093
Delta R.T. -0.153 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

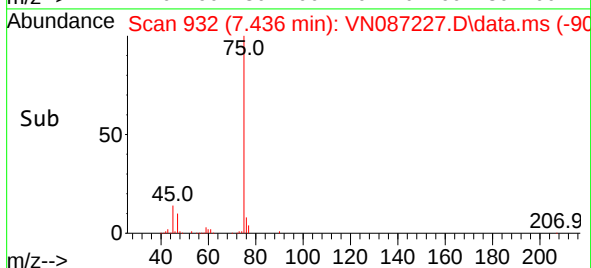
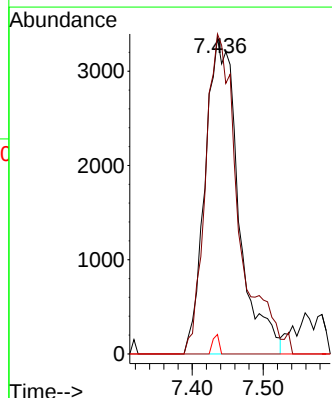
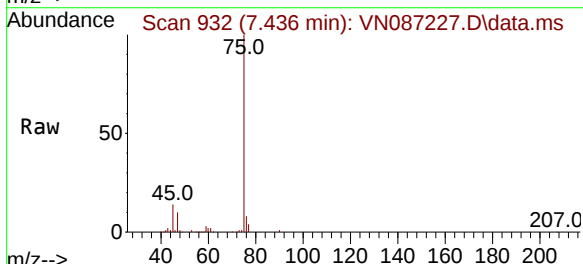
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

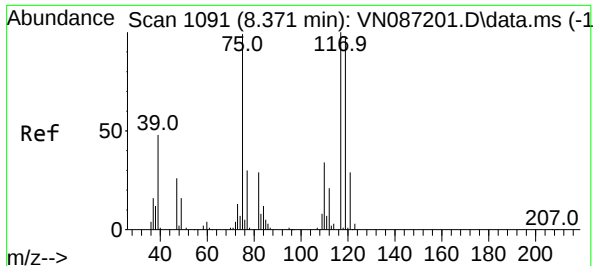
Tgt Ion: 75 Resp: 21081
Ion Ratio Lower Upper
75 100
110 6.8 16.9 50.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: Below Cal
RT: 7.436 min Scan# 932
Delta R.T. -0.135 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

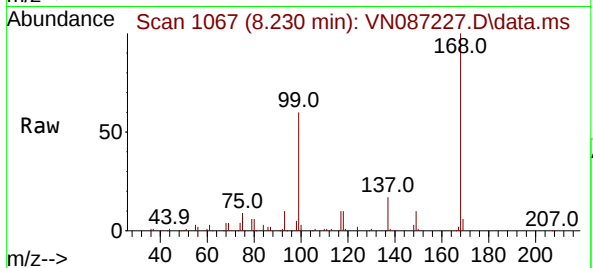
Tgt Ion: 43 Resp: 10943
Ion Ratio Lower Upper
43 100
61 101.1 10.8 16.2#
70 1.2 8.9 13.3#



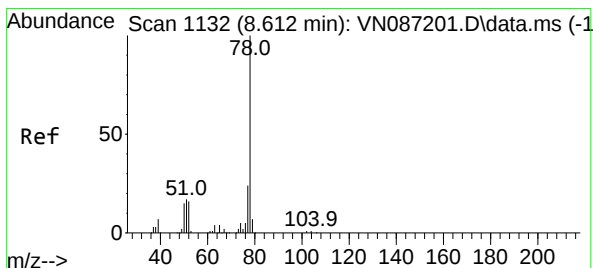
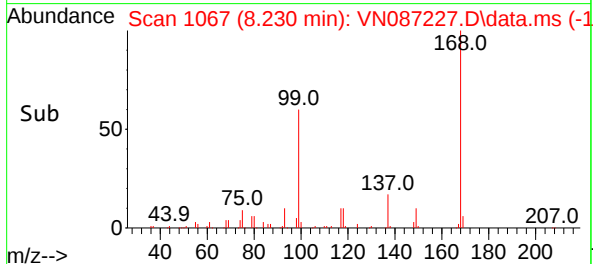
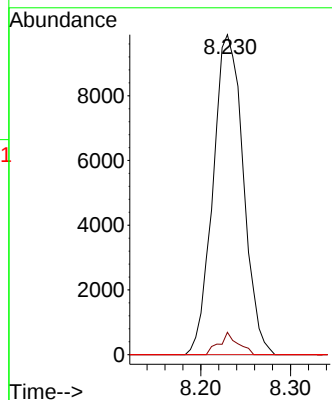


#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

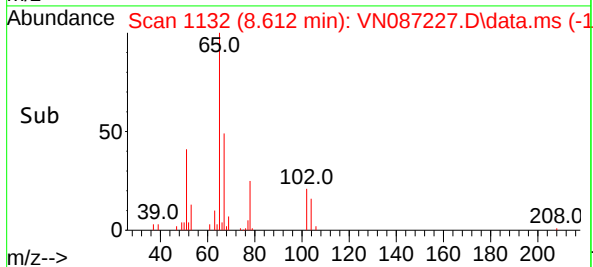
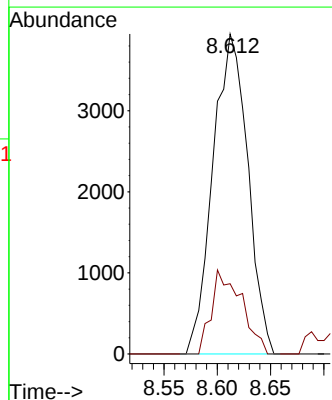
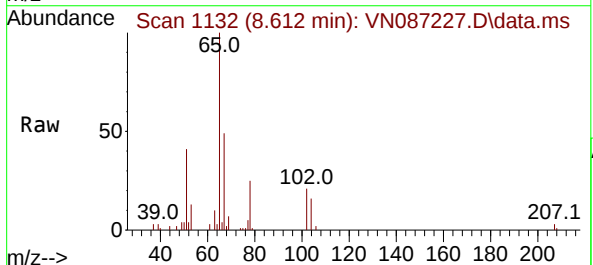


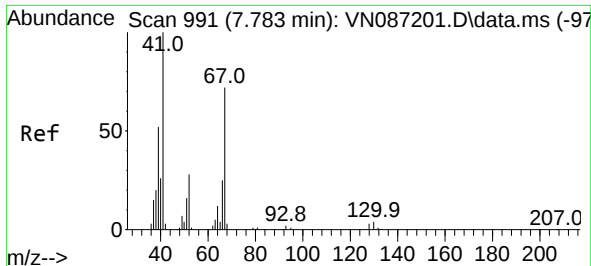
Tgt Ion:117 Resp: 23134
Ion Ratio Lower Upper
117 100
119 7.0 77.4 116.0#
121 0.0 23.2 34.8#



#40
Benzene
Concen: 0.683 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

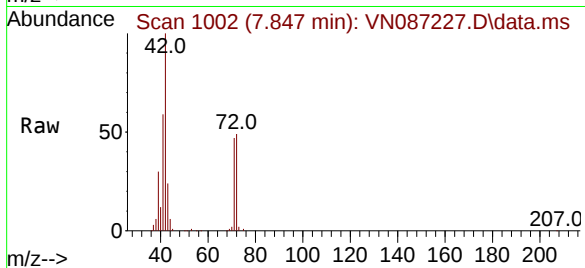
Tgt Ion: 78 Resp: 8982
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.6



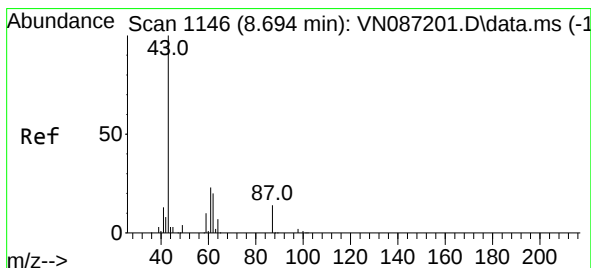
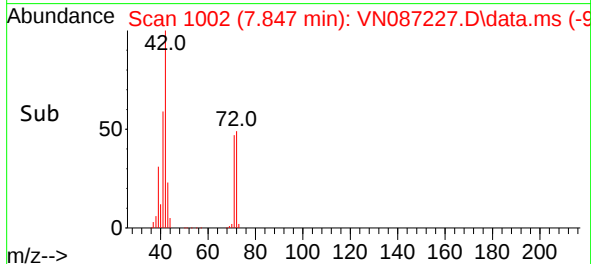
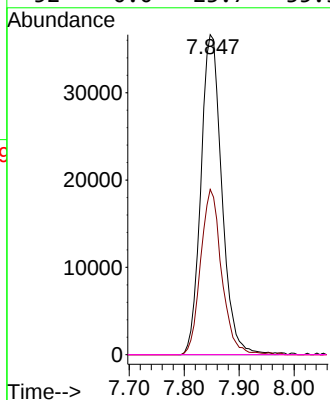


#41
Methacrylonitrile
Concen: 34.867 ug/l
RT: 7.847 min Scan# 1140
Delta R.T. 0.065 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

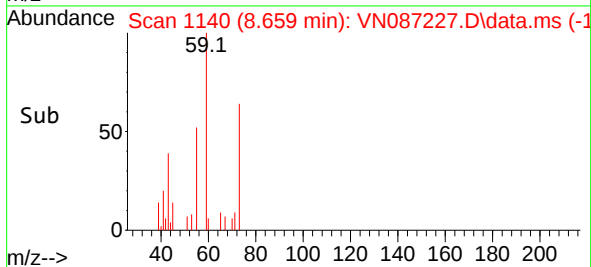
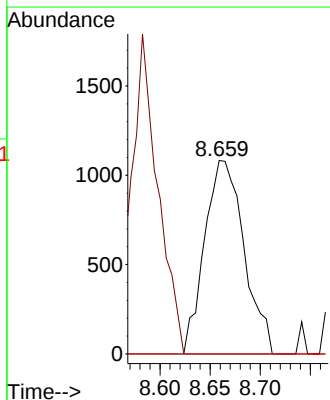
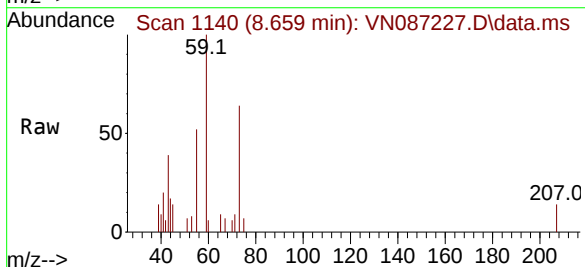


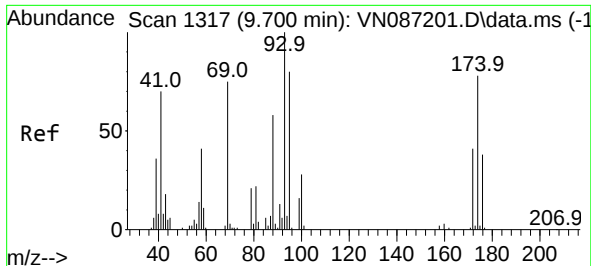
Tgt Ion:	41	Resp:	97184
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.3	61.9
67	0.0	60.2	90.2#
52	0.0	23.7	35.5#



#43
Isopropyl Acetate
Concen: 0.378 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.035 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion:	43	Resp:	2963
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.0	31.6#
87	0.0	11.0	16.6#





#49

1,4-Dioxane

Concen: 155.742 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087227.D

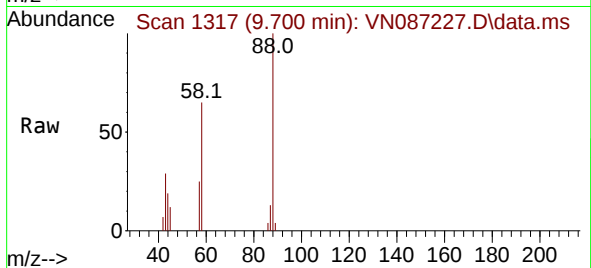
Acq: 27 Jun 2025 17:00

Instrument :

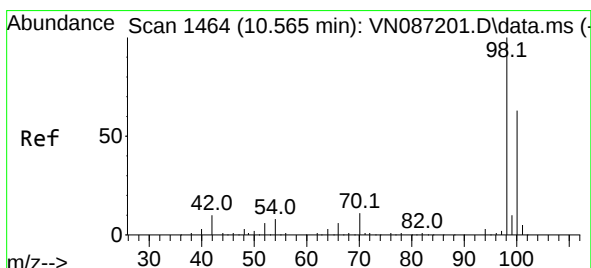
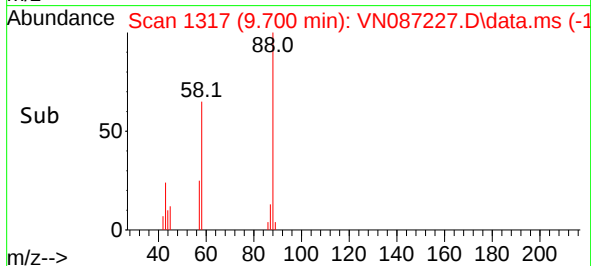
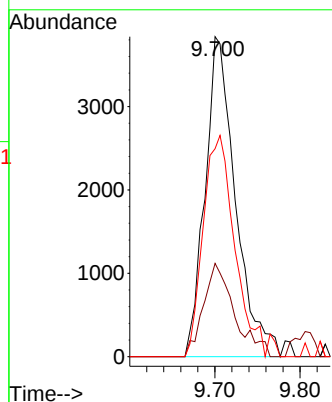
MSVOA_N

ClientSampleId :

250528063-02-VOA



Tgt Ion:	88	Resp:	9513
Ion Ratio	Lower	Upper	
88	100		
43	29.7	0.0	0.0#
58	71.1	59.2	88.8



#50

Toluene-d8

Concen: 48.825 ug/l

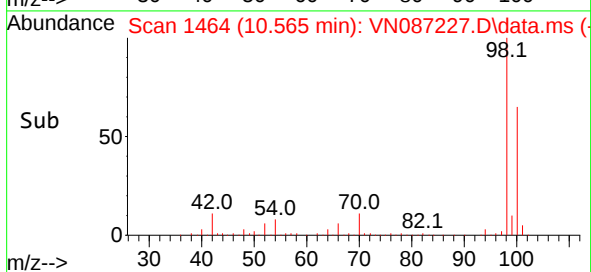
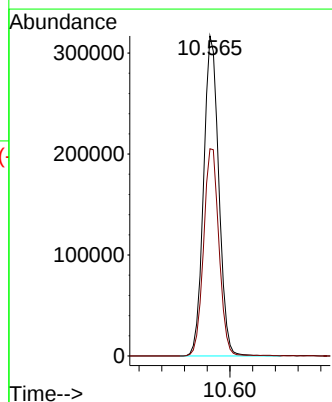
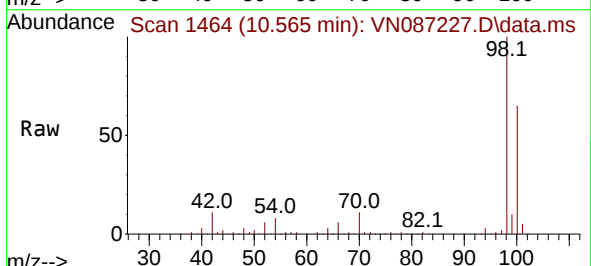
RT: 10.565 min Scan# 1464

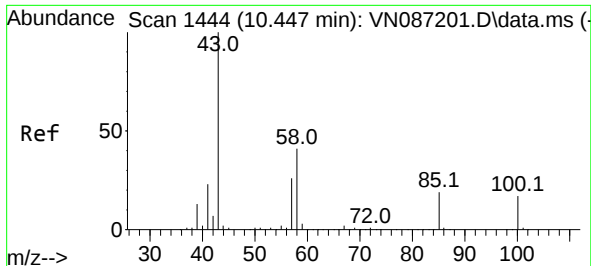
Delta R.T. -0.000 min

Lab File: VN087227.D

Acq: 27 Jun 2025 17:00

Tgt Ion:	98	Resp:	587145
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.7	79.1

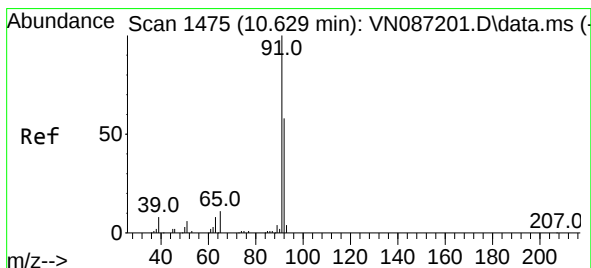
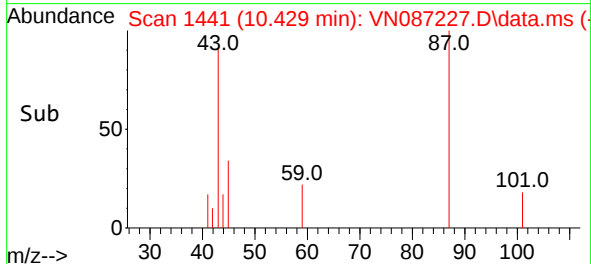
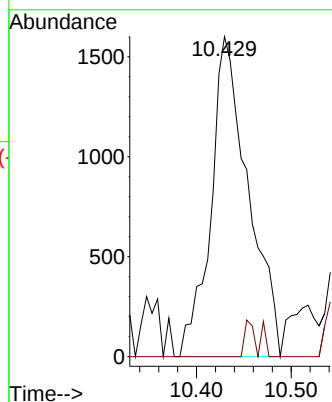
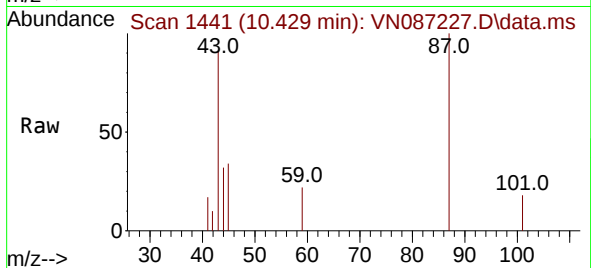




#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 10.429 min Scan# 1444
Delta R.T. -0.018 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

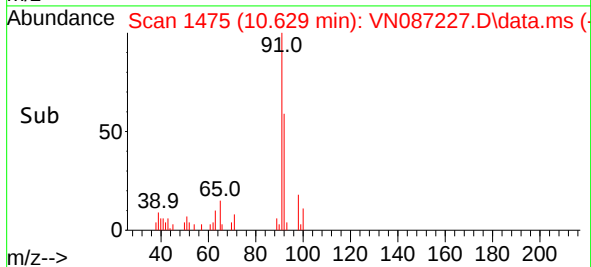
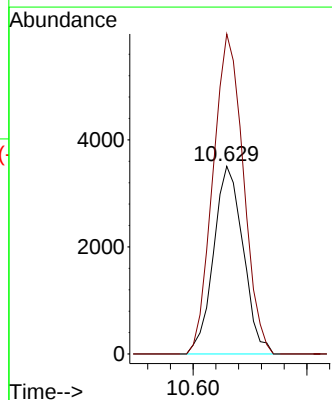
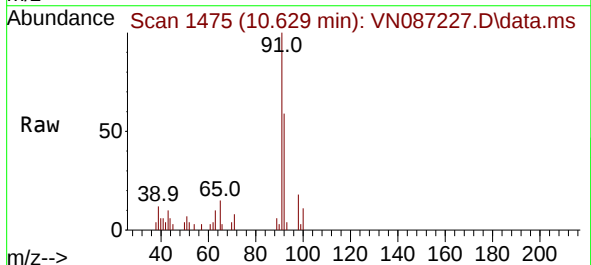
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

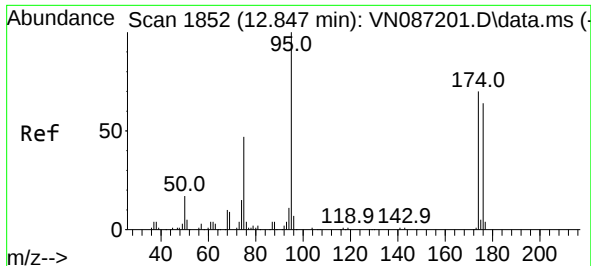
Tgt Ion: 43 Resp: 4387
Ion Ratio Lower Upper
43 100
58 0.0 32.6 48.8#



#52
Toluene
Concen: 0.754 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 92 Resp: 6343
Ion Ratio Lower Upper
92 100
91 175.2 138.2 207.2

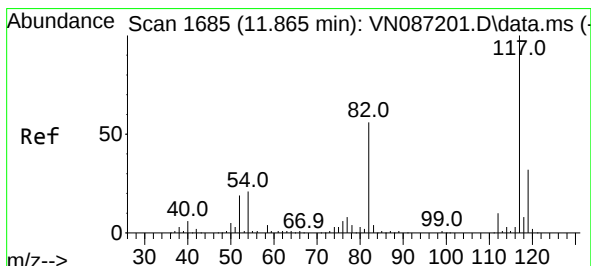
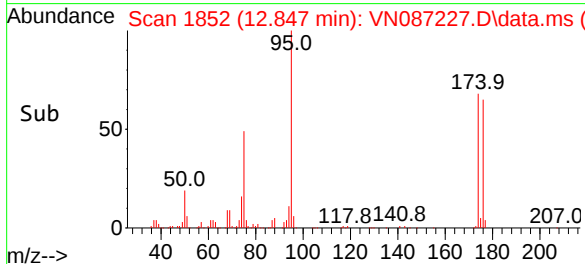
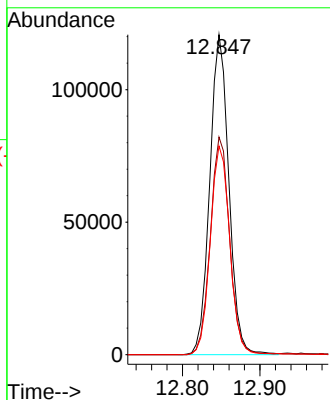
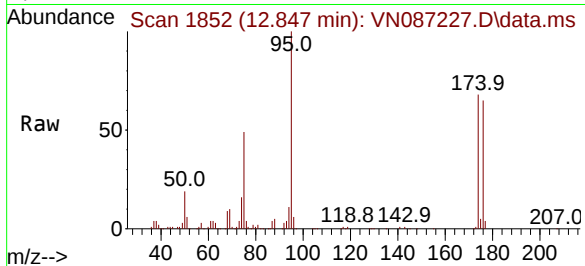




#62
4-Bromofluorobenzene
Concen: 49.510 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

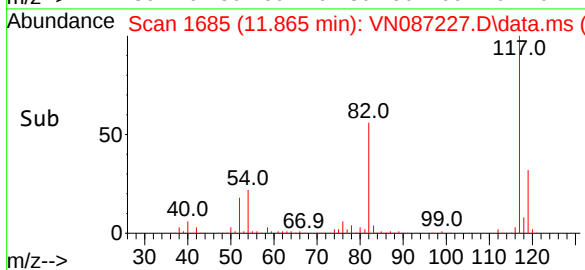
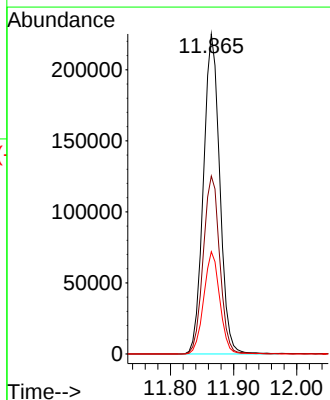
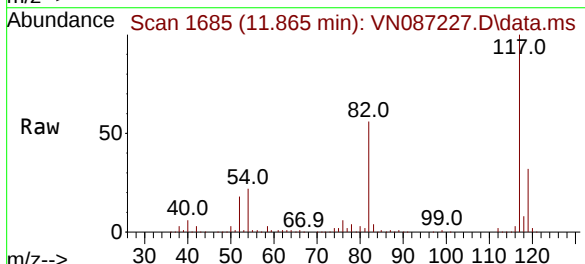
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

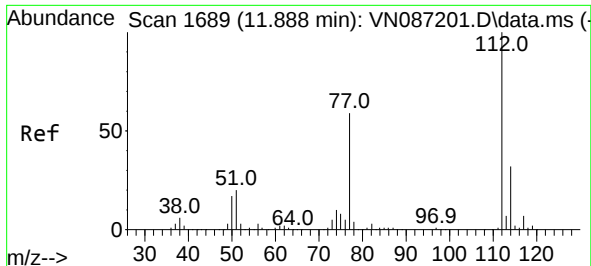
Tgt Ion: 95 Resp: 206595
Ion Ratio Lower Upper
95 100
174 69.3 0.0 142.2
176 66.4 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 117 Resp: 404692
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 31.9 25.9 38.9

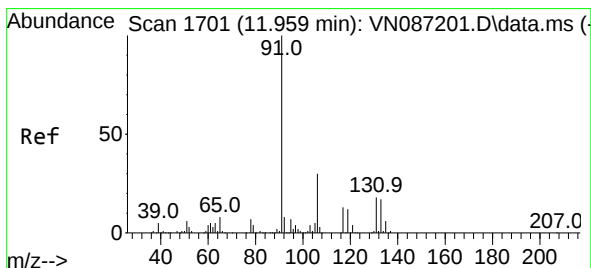
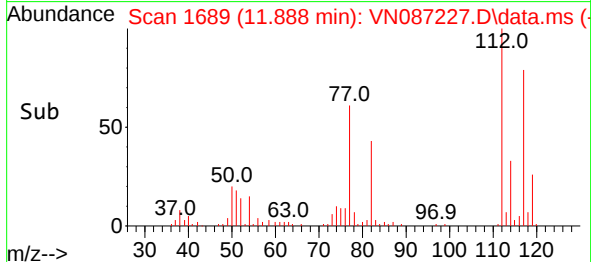
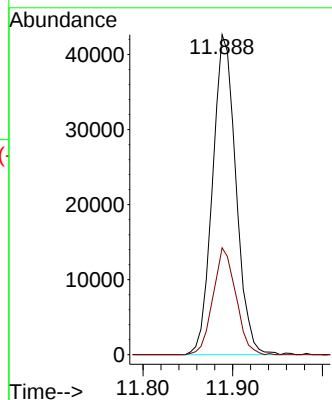
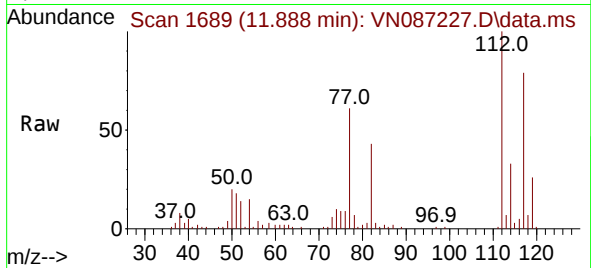




#65
Chlorobenzene
Concen: 8.584 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

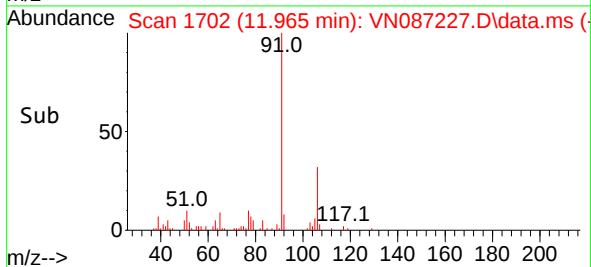
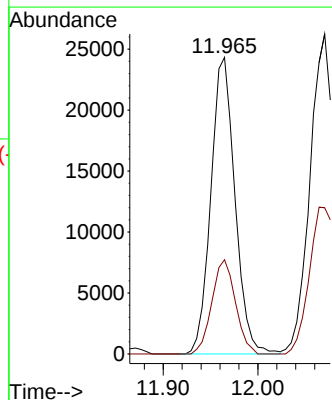
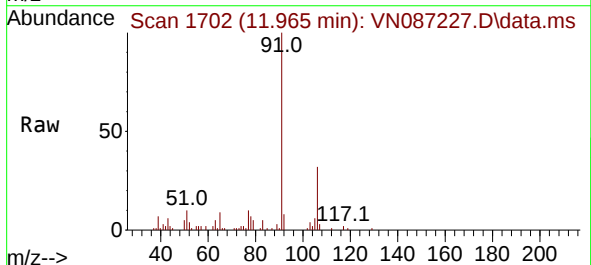
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

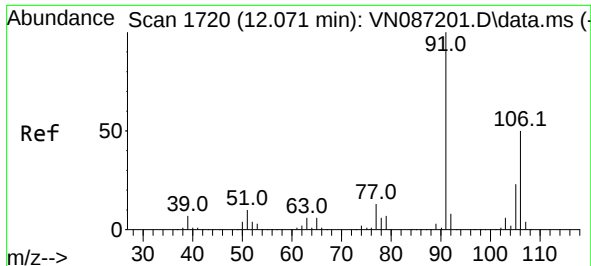
Tgt Ion:112 Resp: 77053
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#67
Ethyl Benzene
Concen: 2.880 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 91 Resp: 43116
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.2

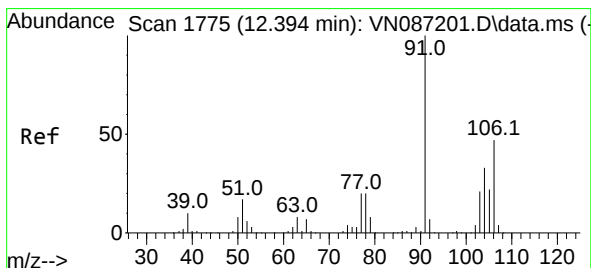
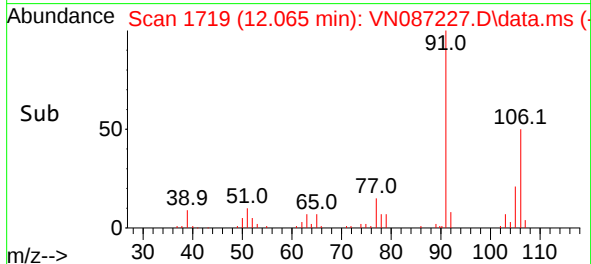
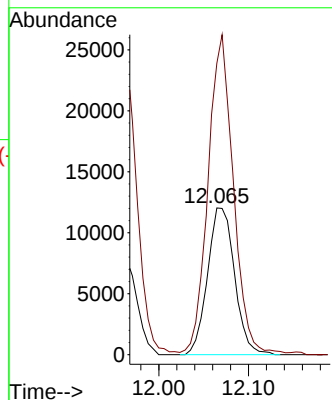
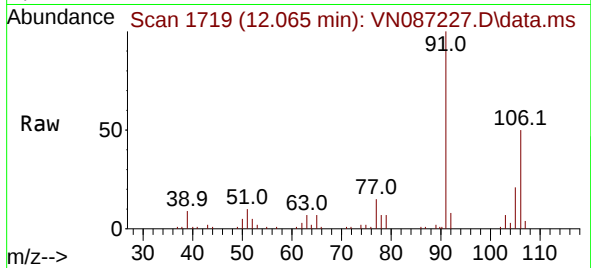




#68
m/p-Xylenes
Concen: 4.400 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

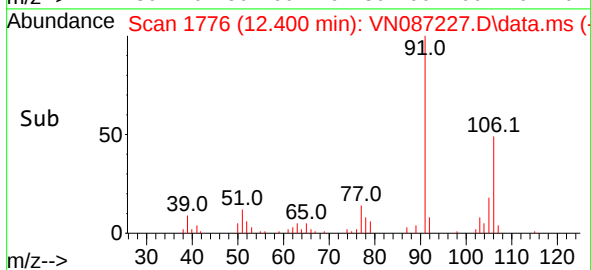
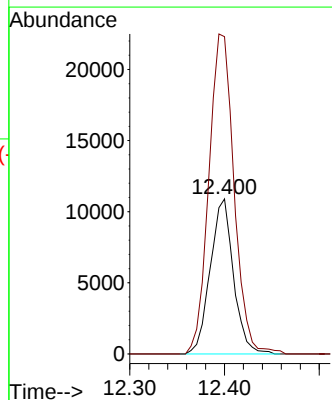
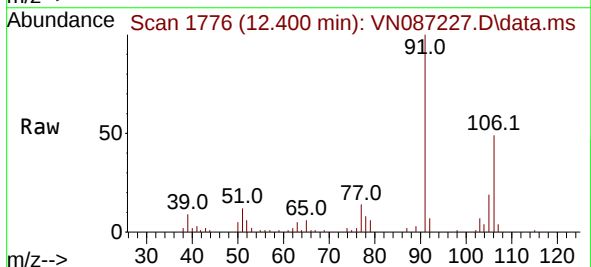
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

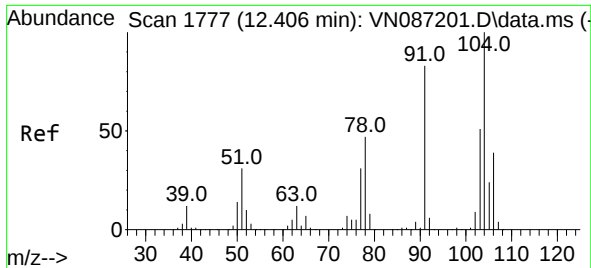
Tgt Ion:106 Resp: 25206
Ion Ratio Lower Upper
106 100
91 205.3 161.0 241.6



#69
o-Xylene
Concen: 3.569 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion:106 Resp: 18584
Ion Ratio Lower Upper
106 100
91 223.8 106.7 320.1

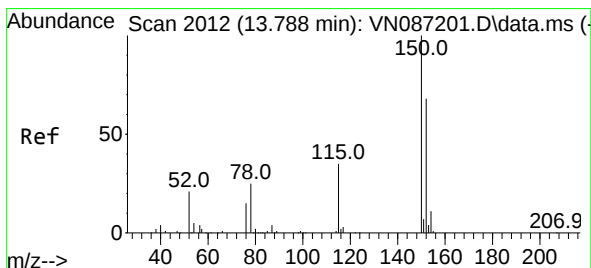
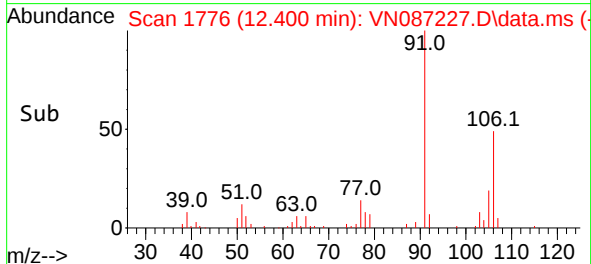
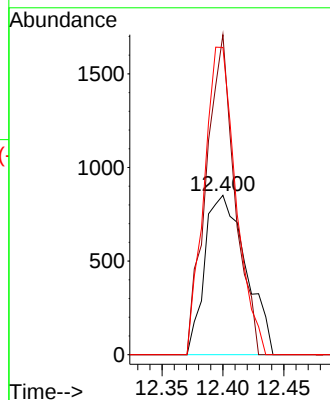
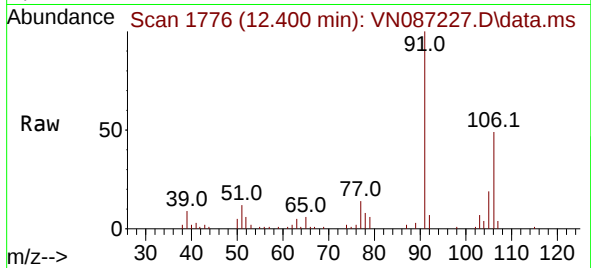




#70
Styrene
Concen: 0.224 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

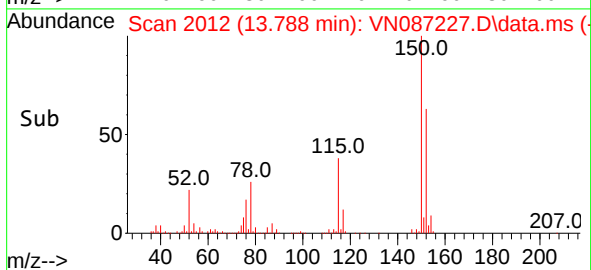
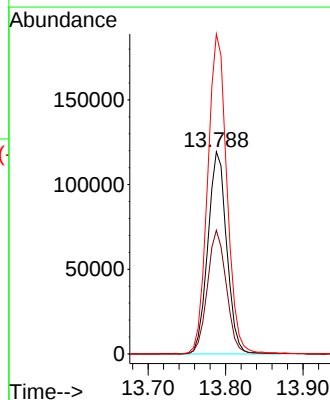
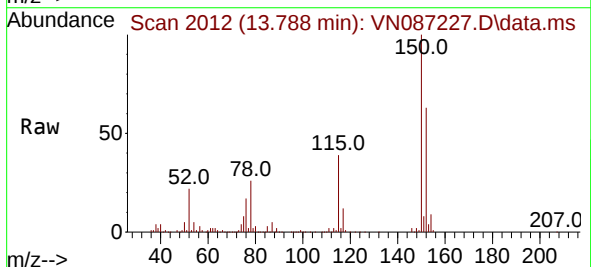
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

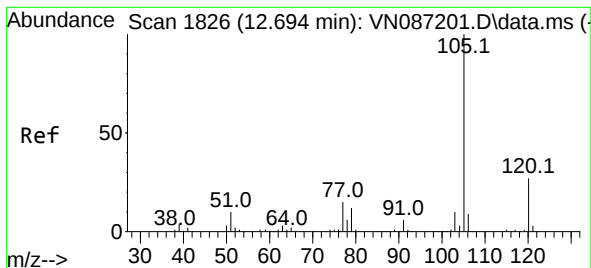
Tgt Ion:104 Resp: 1999
Ion Ratio Lower Upper
104 100
78 140.1 39.3 58.9#
103 149.5 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion:152 Resp: 201312
Ion Ratio Lower Upper
152 100
115 62.2 30.6 91.8
150 162.1 0.0 347.8





#73

Isopropylbenzene

Concen: 0.362 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087227.D

Acq: 27 Jun 2025 17:00

Instrument :

MSVOA_N

ClientSampleId :

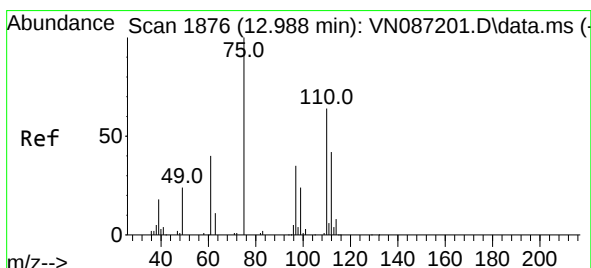
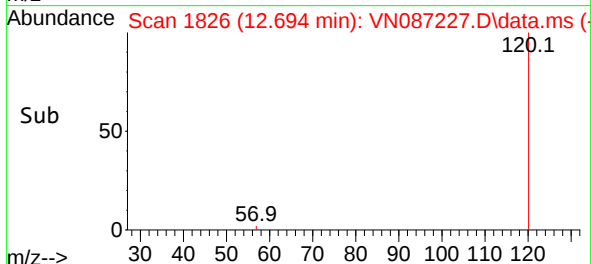
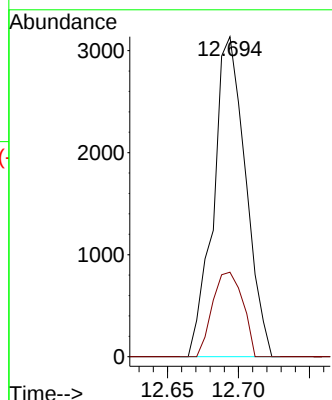
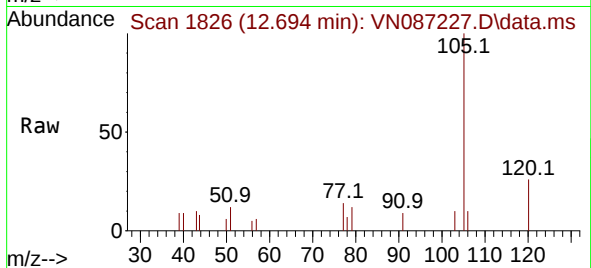
250528063-02-VOA

Tgt Ion:105 Resp: 4930

Ion Ratio Lower Upper

105 100

120 24.9 13.4 40.2



#76

1,2,3-Trichloropropane

Concen: 22.691 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN087227.D

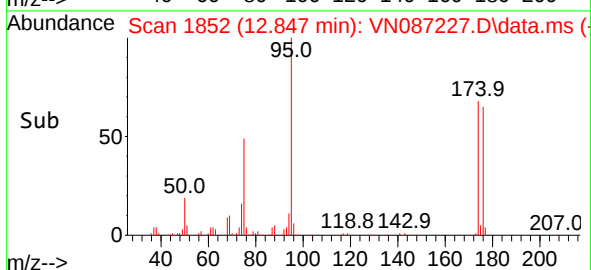
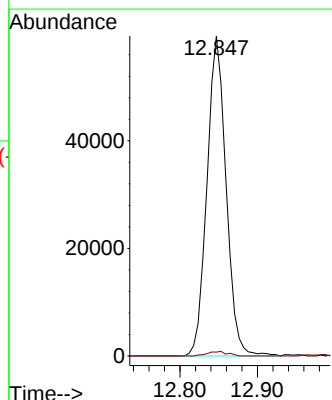
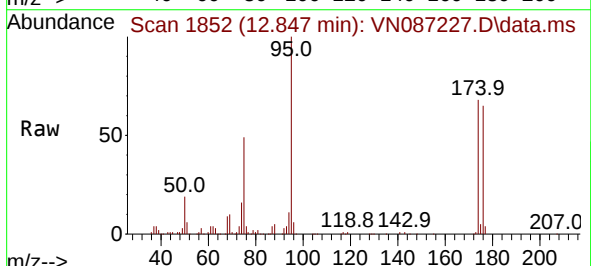
Acq: 27 Jun 2025 17:00

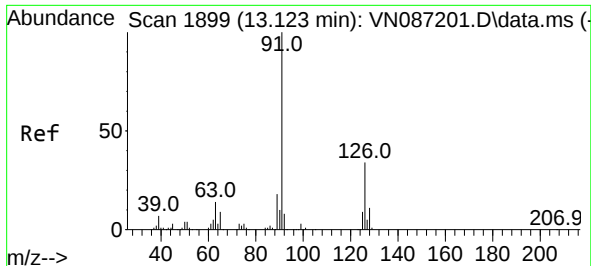
Tgt Ion: 75 Resp: 101915

Ion Ratio Lower Upper

75 100

77 1.5 85.5 256.6#

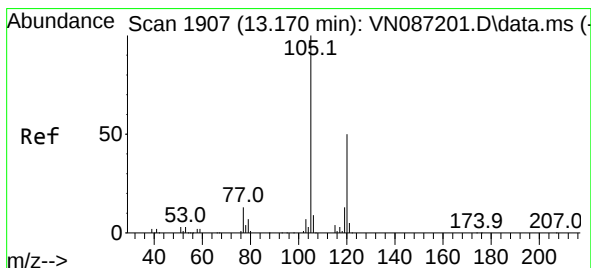
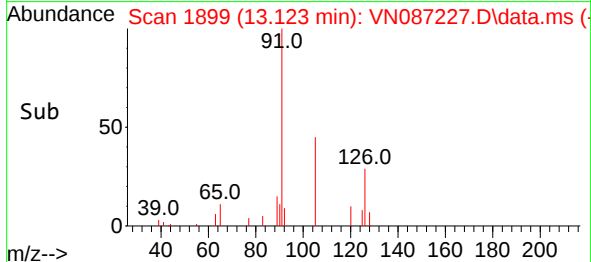
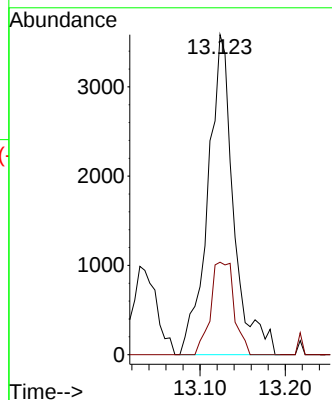
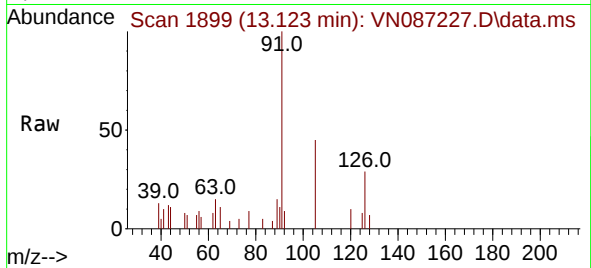




#79
2-Chlorotoluene
Concen: 0.719 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

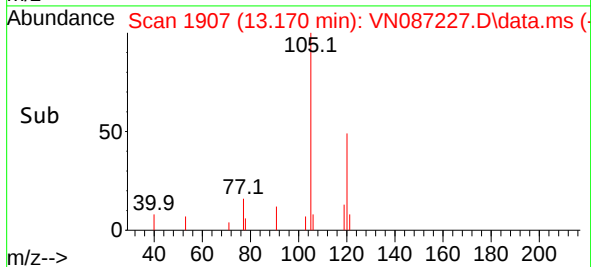
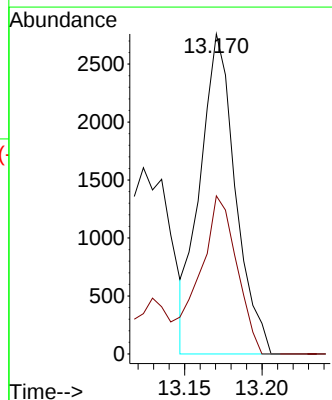
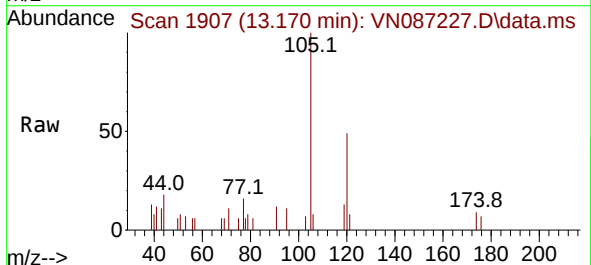
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

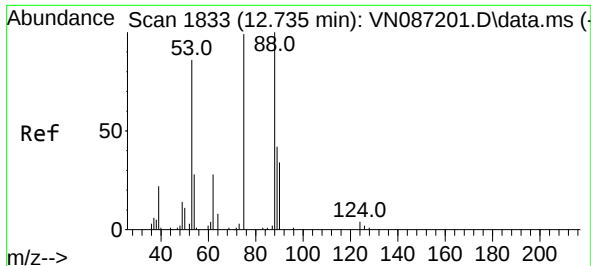
Tgt Ion: 91 Resp: 7512
Ion Ratio Lower Upper
91 100
126 26.5 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 0.390 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 105 Resp: 4383
Ion Ratio Lower Upper
105 100
120 52.1 25.1 75.3

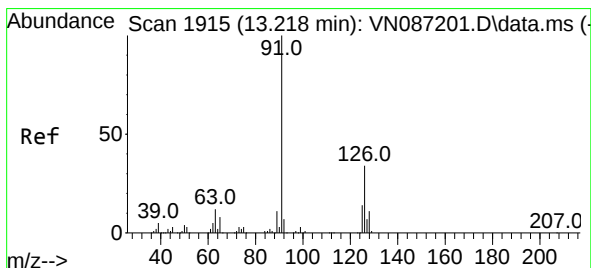
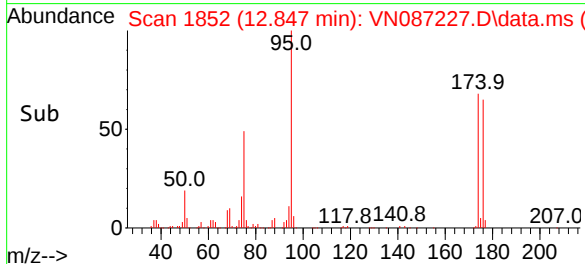
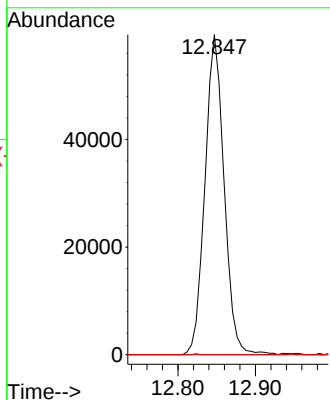
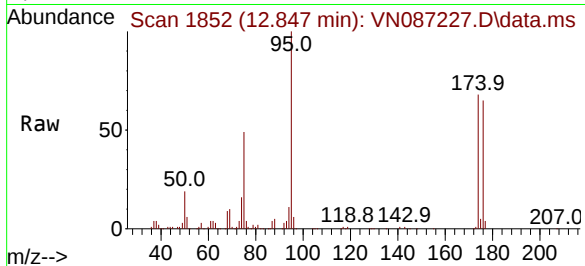




#81
trans-1,4-Dichloro-2-butene
Concen: 50.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

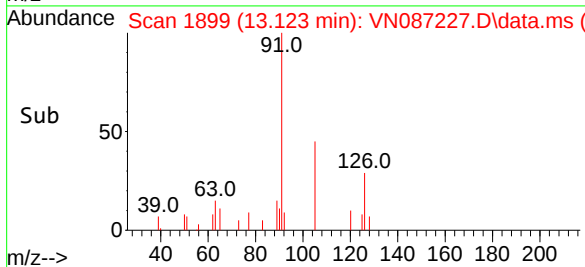
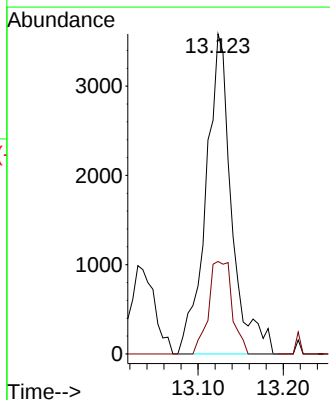
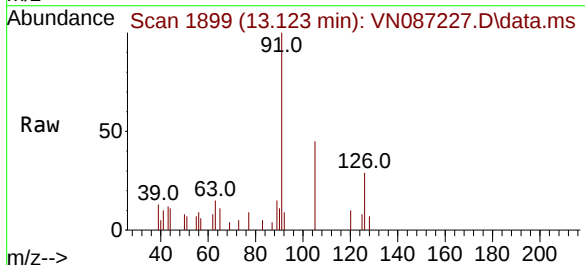
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

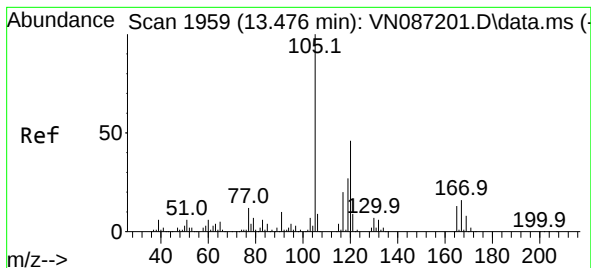
Tgt Ion: 75 Resp: 101915
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.0#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.721 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.094 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 91 Resp: 7512
Ion Ratio Lower Upper
91 100
126 26.5 16.7 50.1





#84

1,2,4-Trimethylbenzene

Concen: 1.884 ug/l

RT: 13.482 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VN087227.D

Acq: 27 Jun 2025 17:00

Instrument :

MSVOA_N

ClientSampleId :

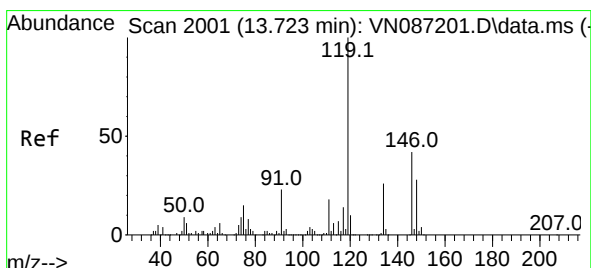
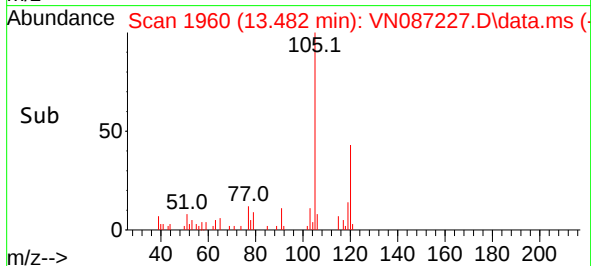
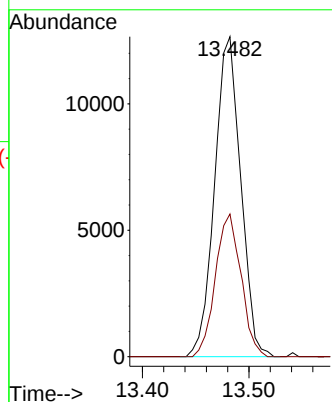
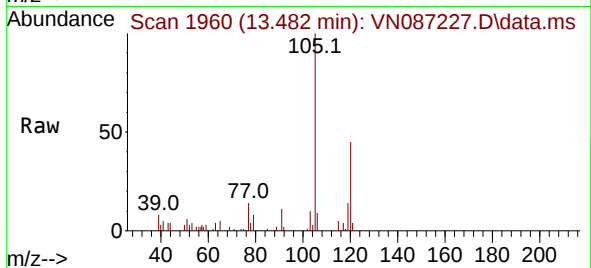
250528063-02-VOA

Tgt Ion:105 Resp: 21513

Ion Ratio Lower Upper

105 100

120 43.8 22.9 68.8



#86

p-Isopropyltoluene

Concen: 0.451 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN087227.D

Acq: 27 Jun 2025 17:00

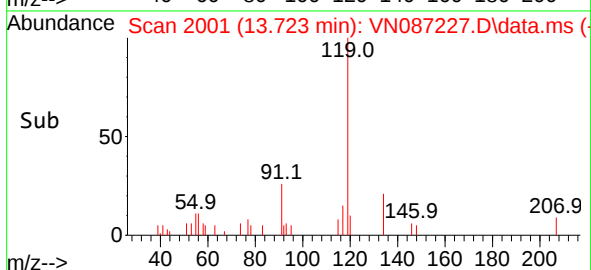
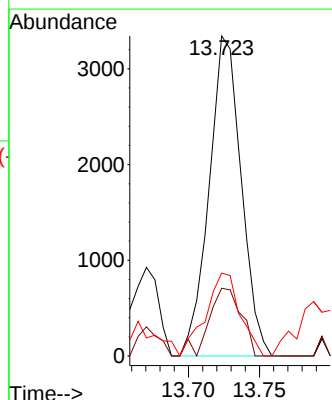
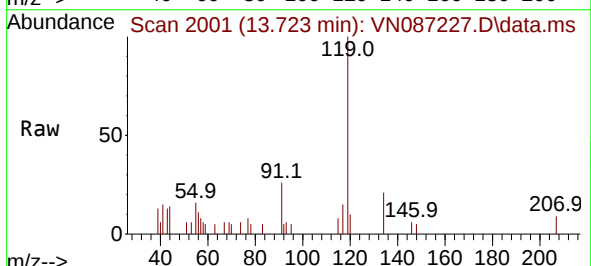
Tgt Ion:119 Resp: 5263

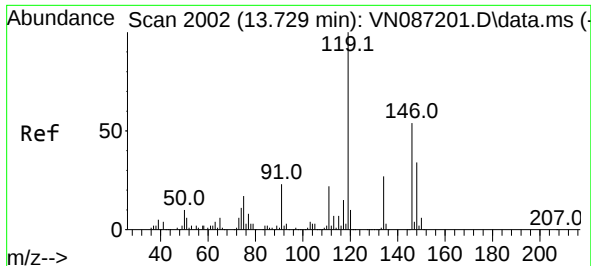
Ion Ratio Lower Upper

119 100

134 21.3 13.4 40.1

91 27.7 11.5 34.4

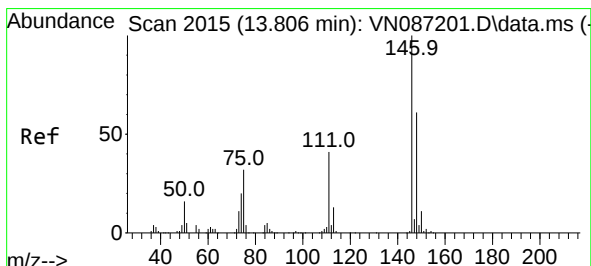
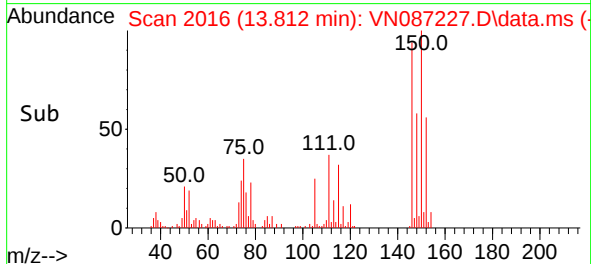
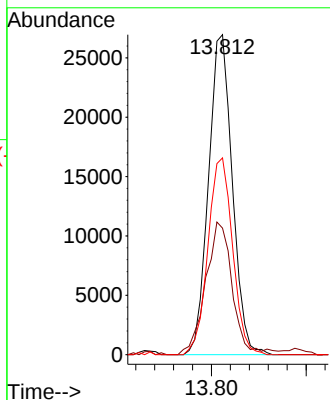
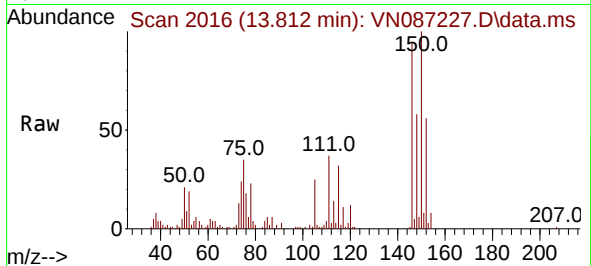




#87
1,3-Dichlorobenzene
Concen: 7.071 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.082 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

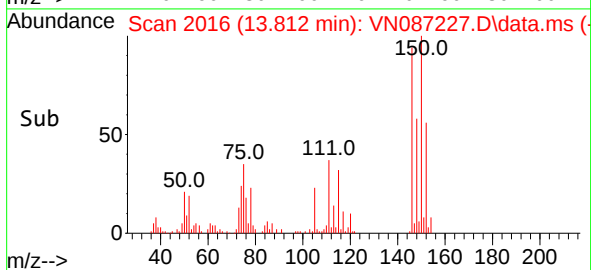
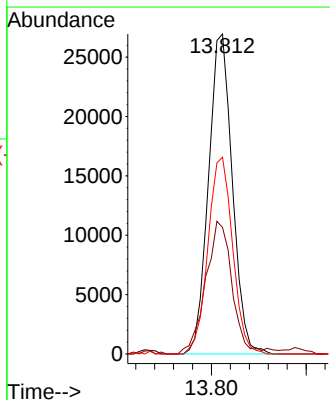
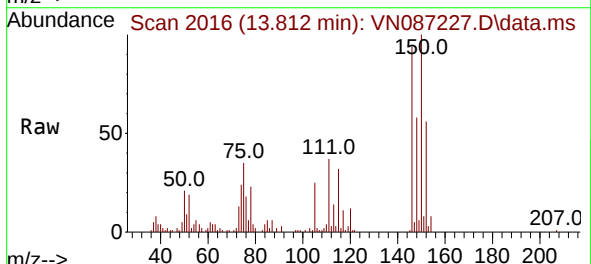
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

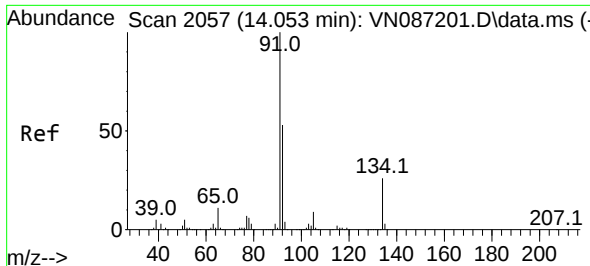
Tgt Ion:146 Resp: 47130
Ion Ratio Lower Upper
146 100
111 46.4 21.1 63.4
148 63.6 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 6.878 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion:146 Resp: 47130
Ion Ratio Lower Upper
146 100
111 46.4 19.9 59.6
148 63.6 31.4 94.0

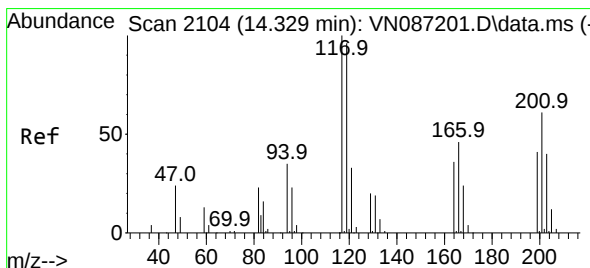
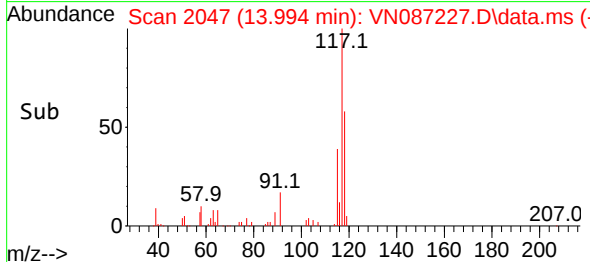
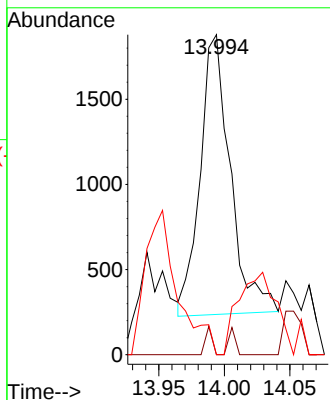
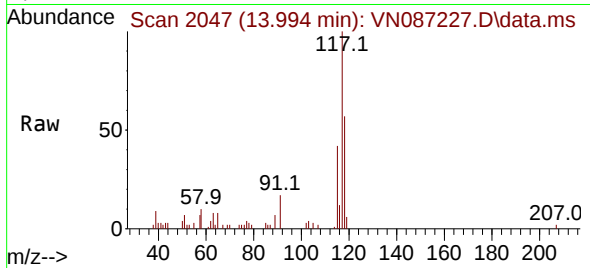




#89
n-Butylbenzene
Concen: 0.242 ug/l
RT: 13.994 min Scan# 2057
Delta R.T. -0.059 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

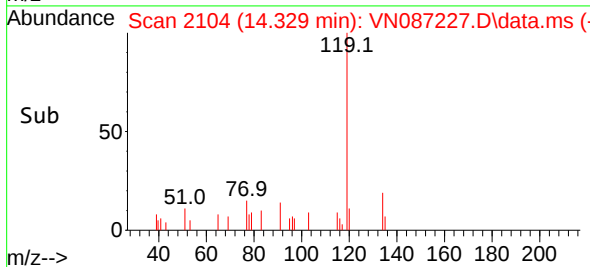
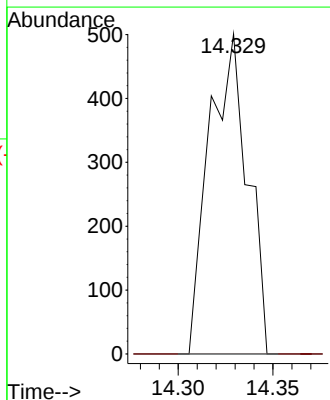
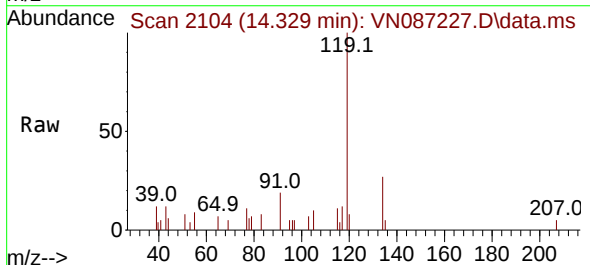
Instrument :
MSVOA_N
ClientSampleId :
250528063-02-VOA

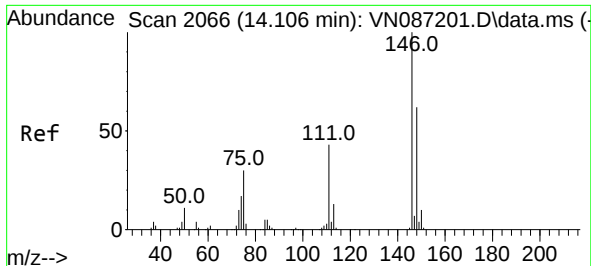
Tgt Ion: 91 Resp: 2630
Ion Ratio Lower Upper
91 100
92 2.2 26.9 80.7#
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 0.313 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087227.D
Acq: 27 Jun 2025 17:00

Tgt Ion: 117 Resp: 708
Ion Ratio Lower Upper
117 100
201 0.0 31.8 95.3#





#91

1,2-Dichlorobenzene

Concen: 0.471 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN087227.D

Acq: 27 Jun 2025 17:00

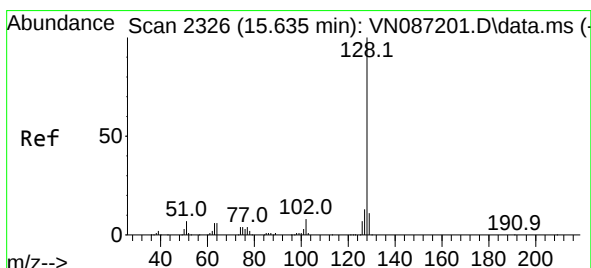
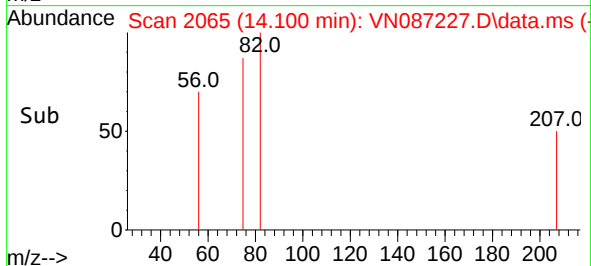
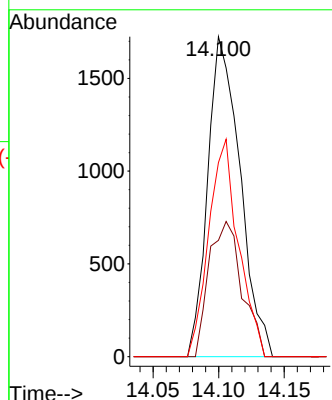
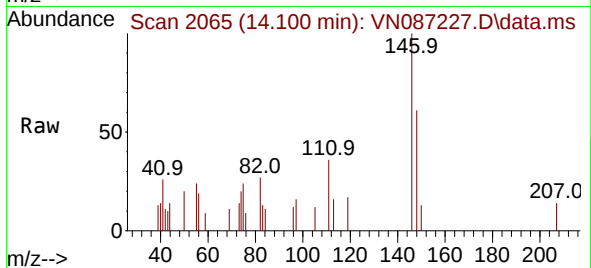
Instrument :

MSVOA_N

ClientSampleId :

250528063-02-VOA

Tgt Ion:	146	Resp:	2957
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.2
148	62.7	31.5	94.5



#95

Naphthalene

Concen: 5.437 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN087227.D

Acq: 27 Jun 2025 17:00

Tgt Ion:	128	Resp:	72078
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.5	8.6	13.0

