

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087155.D
 Acq On : 24 Jun 2025 14:44
 Operator : JC\MD
 Sample : Q2366-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 250528063-02

Quant Time: Jun 25 04:19:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	238920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	490070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	231712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190316	59.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.980%	
35) Dibromofluoromethane	8.177	113	158537	57.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.660%	
50) Toluene-d8	10.571	98	634148	57.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.840%#	
62) 4-Bromofluorobenzene	12.847	95	236797	58.217	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 116.440%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.159	85	685	0.288	ug/l	84
4) Vinyl Chloride	2.559	62	642	0.202	ug/l #	74
6) Chloroethane	3.154	64	1186	0.579	ug/l	99
8) Diethyl Ether	3.983	74	22624	12.525	ug/l	96
11) Tert butyl alcohol	5.536	59	199487	229.828	ug/l	100
15) Acrylonitrile	5.518	53	1329	0.655	ug/l #	25
16) Acetone	4.453	43	6726	3.965	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	5509	0.572	ug/l	98
24) 1,1-Dichloroethane	6.583	63	1422	0.266	ug/l #	81
25) 2-Butanone	7.441	43	12517	4.539	ug/l #	74
26) 2,2-Dichloropropane	7.441	77	19092	4.588	ug/l #	52
27) cis-1,2-Dichloroethene	7.506	96	1165	0.329	ug/l #	13
29) Tetrahydrofuran	7.847	42	286410	159.447	ug/l	97
31) Cyclohexane	8.230	56	5357	1.033	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	21617	5.246	ug/l #	48
38) Carbon Tetrachloride	8.230	117	24738	6.115	ug/l #	16
40) Benzene	8.612	78	12221	0.907	ug/l	98
41) Methacrylonitrile	7.847	41	157272	53.383	ug/l #	41
43) Isopropyl Acetate	8.665	43	3576	0.425	ug/l #	53
49) 1,4-Dioxane	9.706	88	10518	149.192	ug/l #	96
51) 4-Methyl-2-Pentanone	10.430	43	4955	0.978	ug/l #	33
52) Toluene	10.635	92	8439	1.025	ug/l	93
59) 2-Hexanone	11.300	43	1987	0.609	ug/l	65
65) Chlorobenzene	11.888	112	107622	9.957	ug/l	98
67) Ethyl Benzene	11.965	91	70298	3.776	ug/l	96
68) m/p-Xylenes	12.071	106	33095	4.644	ug/l	100
69) o-Xylene	12.394	106	23854	3.495	ug/l	97
73) Isopropylbenzene	12.688	105	8496	0.503	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	116166	21.091	ug/l #	1
79) 2-Chlorotoluene	13.129	91	7790	0.633	ug/l	95
80) 1,3,5-Trimethylbenzene	13.171	105	6103	0.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	116166	48.550	ug/l #	16
82) 4-Chlorotoluene	13.129	91	7790	0.626	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	29222	2.091	ug/l	99
86) p-Isopropyltoluene	13.729	119	6634	0.433	ug/l	91
87) 1,3-Dichlorobenzene	13.812	146	57691	7.574	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

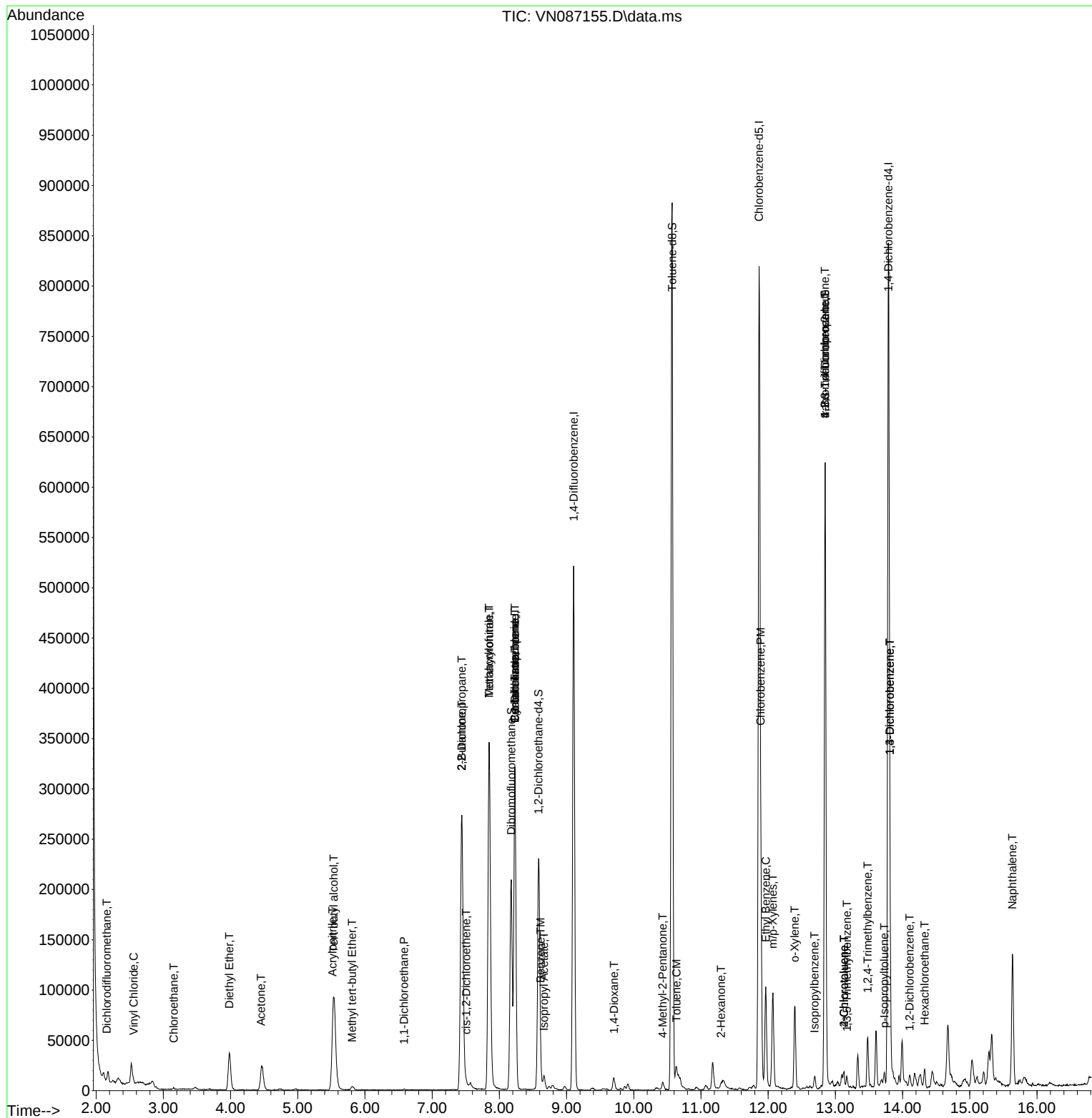
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.812	146	57691	7.429	ug/l	95
90) Hexachloroethane	14.329	117	810	0.312	ug/l #	17
91) 1,2-Dichlorobenzene	14.106	146	3617	0.494	ug/l	96
95) Naphthalene	15.635	128	127100	7.308	ug/l	99

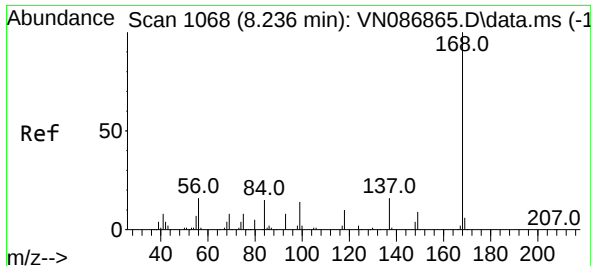
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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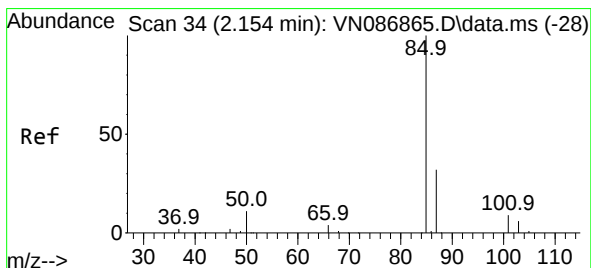
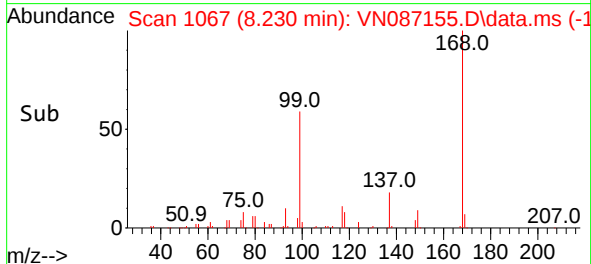
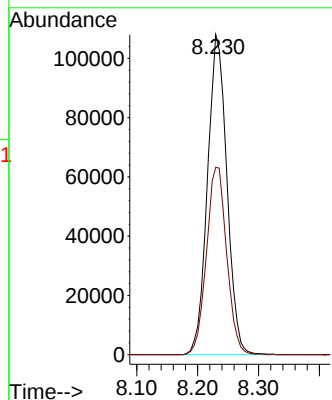
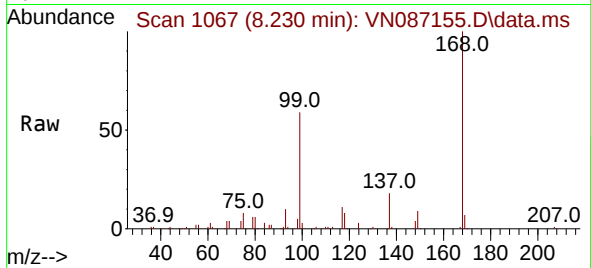




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

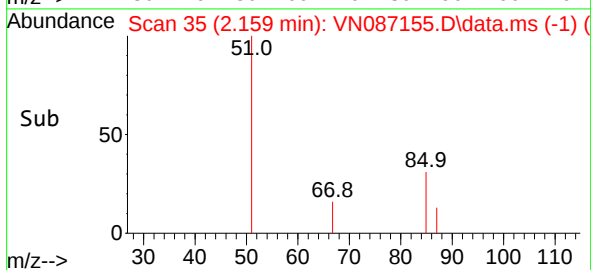
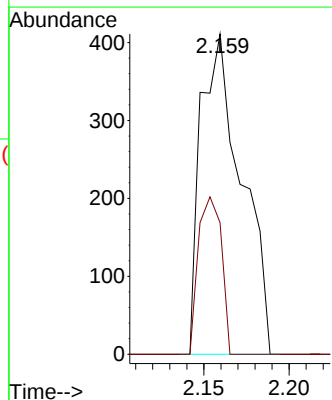
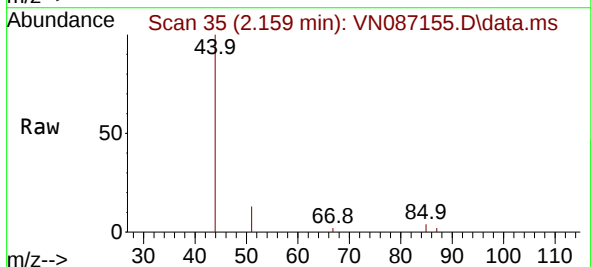
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MSVOA_N
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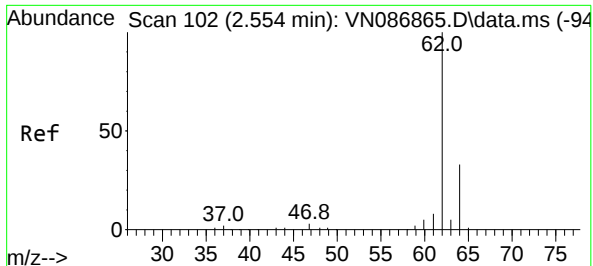
Tgt Ion:168 Resp: 238920
Ion Ratio Lower Upper
168 100
99 58.6 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 0.288 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 85 Resp: 685
Ion Ratio Lower Upper
85 100
87 41.1 16.2 48.6

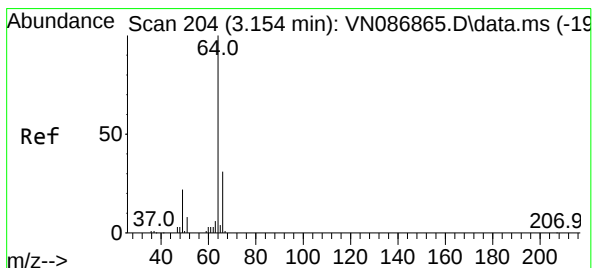
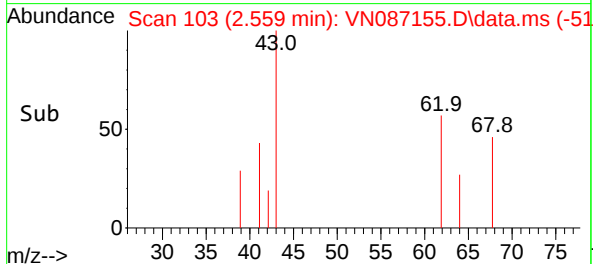
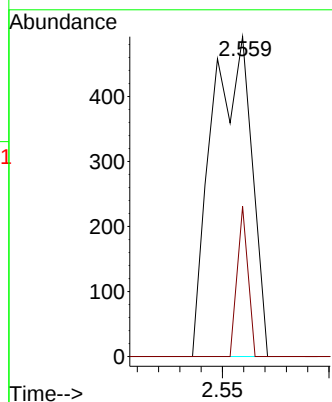
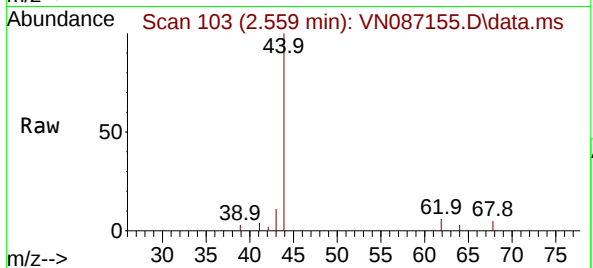




#4
 Vinyl Chloride
 Concen: 0.202 ug/l
 RT: 2.559 min Scan# 102
 Delta R.T. 0.006 min
 Lab File: VN087155.D
 Acq: 24 Jun 2025 14:44

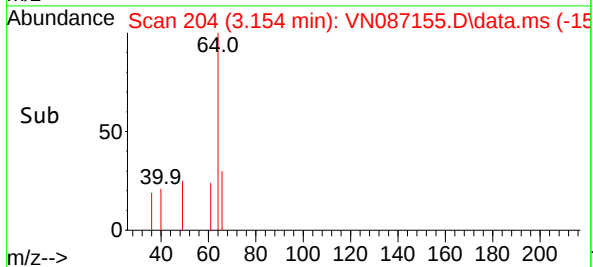
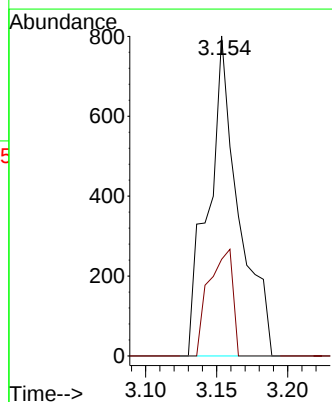
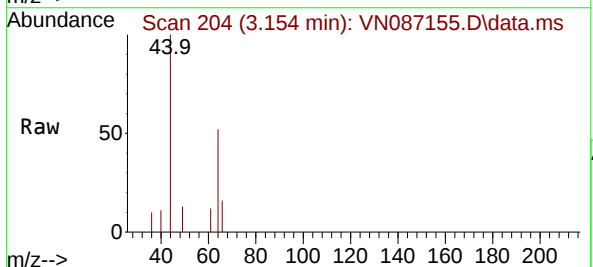
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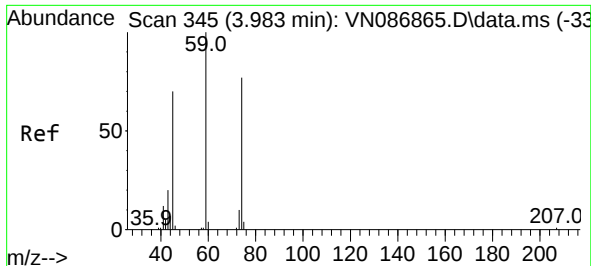
Tgt Ion: 62 Resp: 642
 Ion Ratio Lower Upper
 62 100
 64 47.0 26.0 39.0#



#6
 Chloroethane
 Concen: 0.579 ug/l
 RT: 3.154 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VN087155.D
 Acq: 24 Jun 2025 14:44

Tgt Ion: 64 Resp: 1186
 Ion Ratio Lower Upper
 64 100
 66 30.2 24.6 36.8

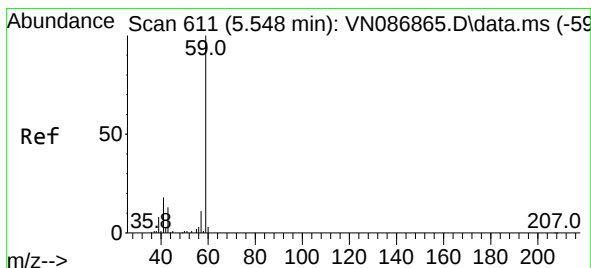
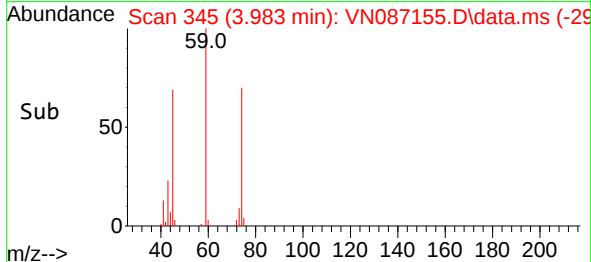
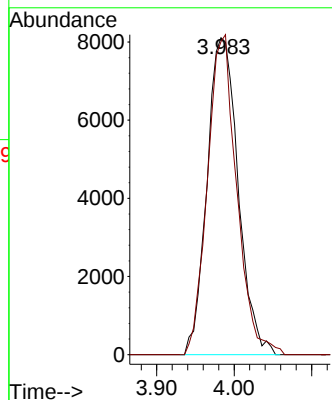
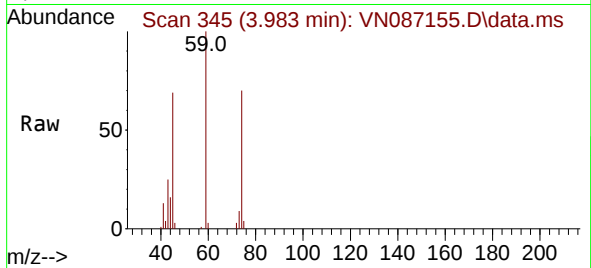




#8
Diethyl Ether
Concen: 12.525 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

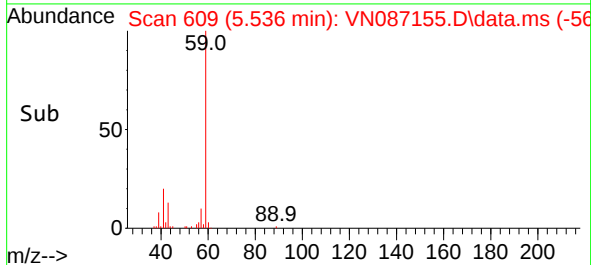
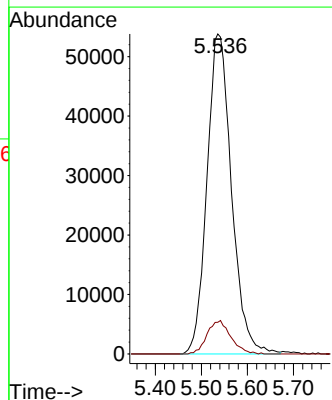
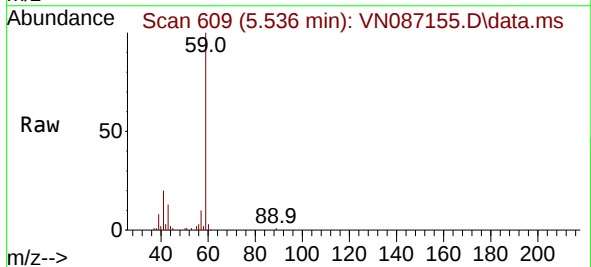
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MSVOA_N
ClientSampleId :
250528063-02

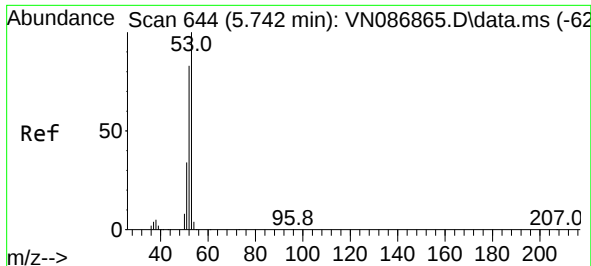
Tgt Ion: 74 Resp: 22624
Ion Ratio Lower Upper
74 100
45 95.0 45.5 136.5



#11
Tert butyl alcohol
Concen: 229.828 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 59 Resp: 199487
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

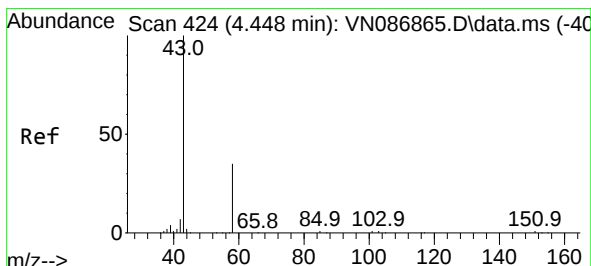
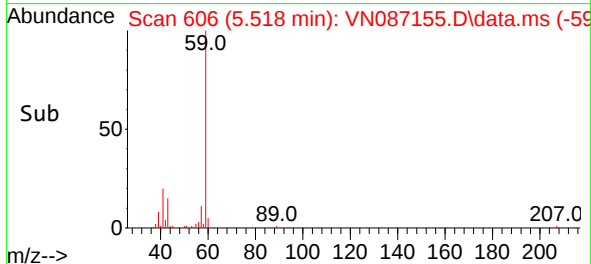
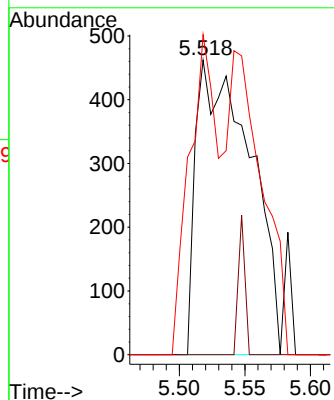
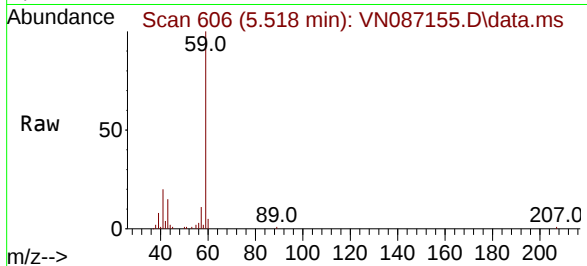




#15
Acrylonitrile
Concen: 0.655 ug/l
RT: 5.518 min Scan# 60
Delta R.T. -0.224 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

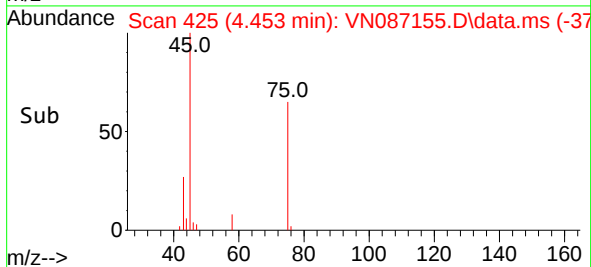
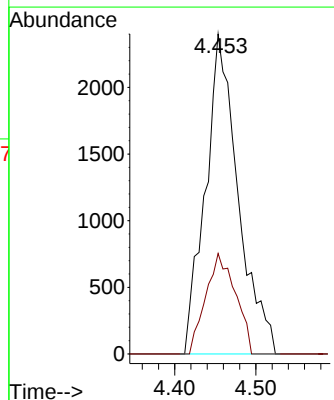
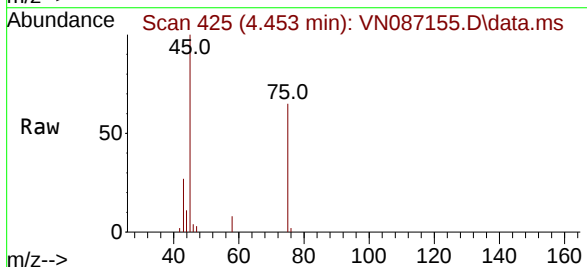
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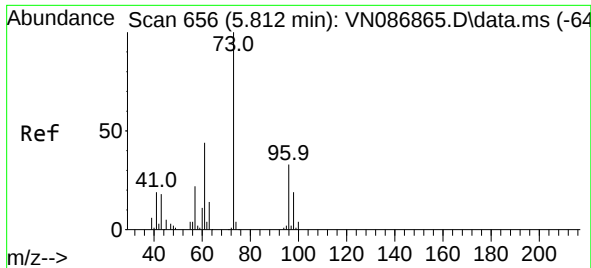
Tgt Ion: 53 Resp: 1329
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.6#
51 54.2 27.2 40.8#



#16
Acetone
Concen: 3.965 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 43 Resp: 6726
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0

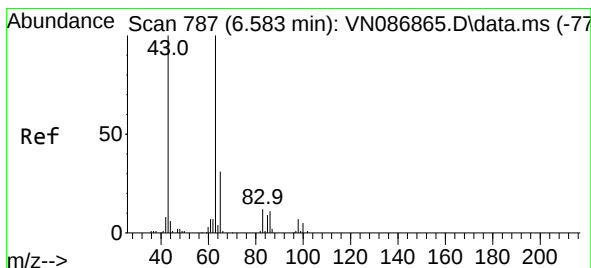
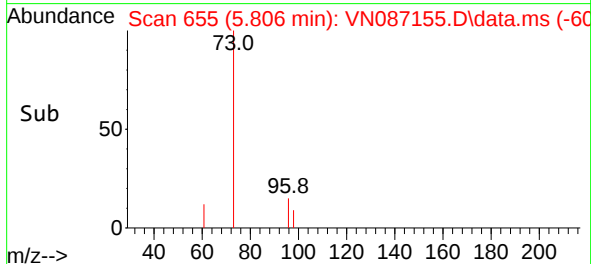
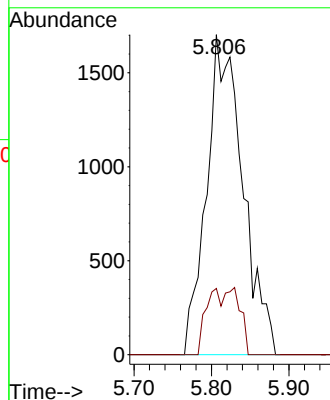
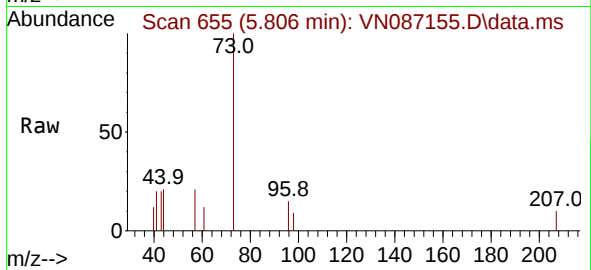




#19
Methyl tert-butyl Ether
Concen: 0.572 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

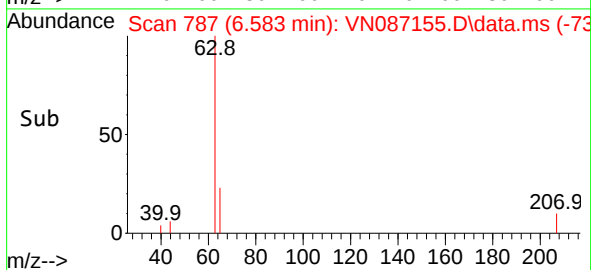
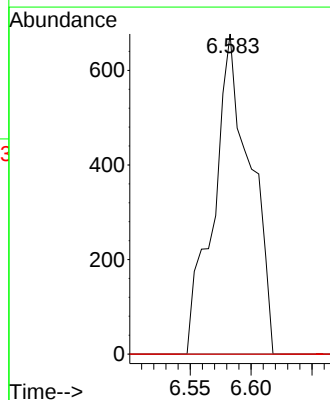
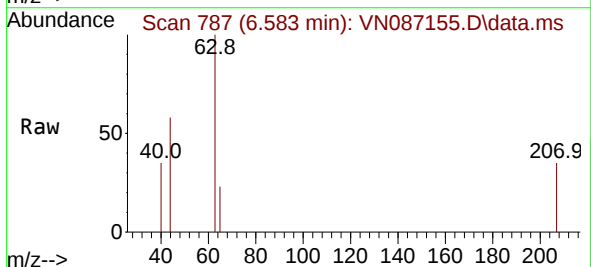
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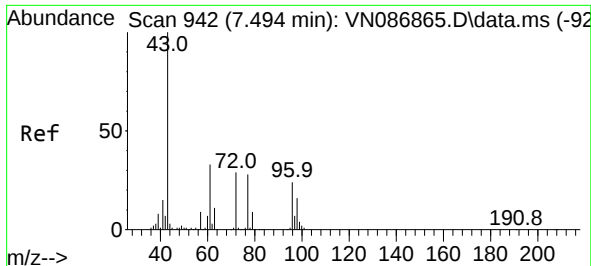
Tgt Ion: 73 Resp: 5509
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2



#24
1,1-Dichloroethane
Concen: 0.266 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 63 Resp: 1422
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.6 7.8#

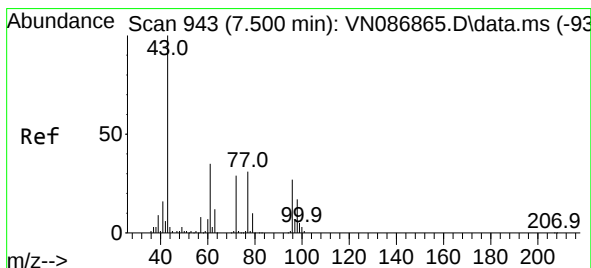
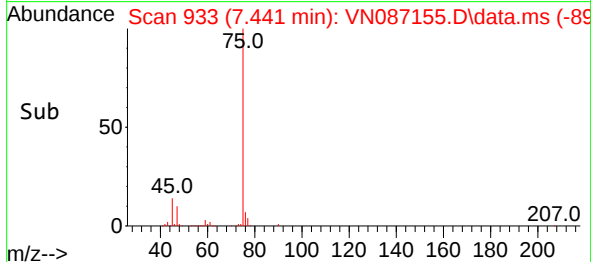
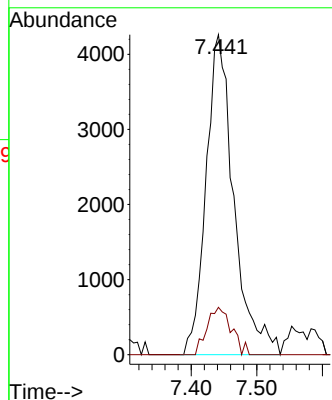
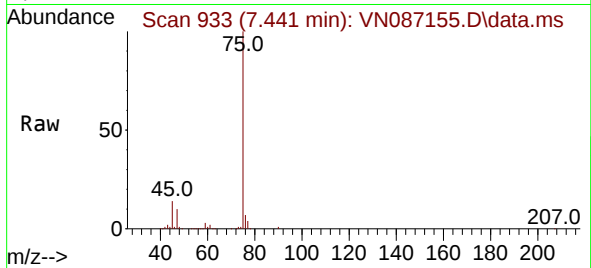




#25
2-Butanone
Concen: 4.539 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

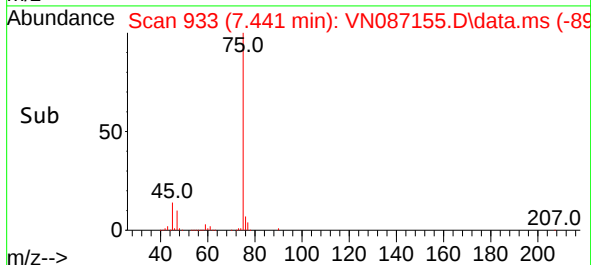
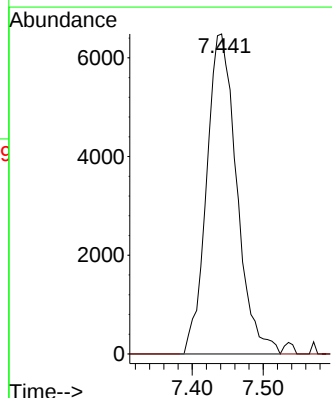
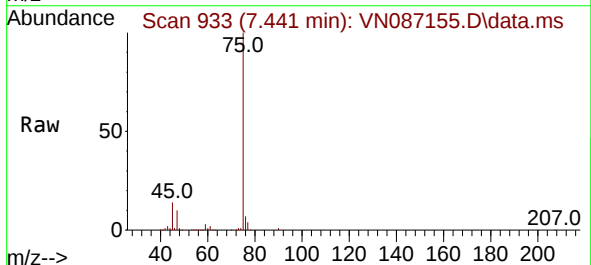
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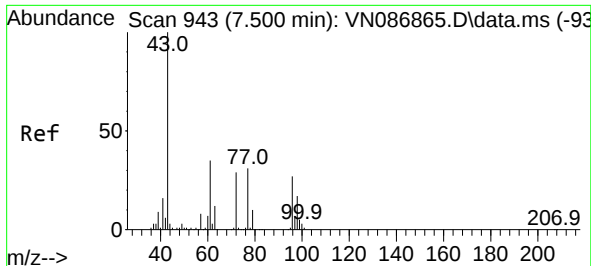
Tgt Ion: 43 Resp: 12517
Ion Ratio Lower Upper
43 100
72 14.8 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 4.588 ug/l
RT: 7.441 min Scan# 933
Delta R.T. -0.059 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 77 Resp: 19092
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#

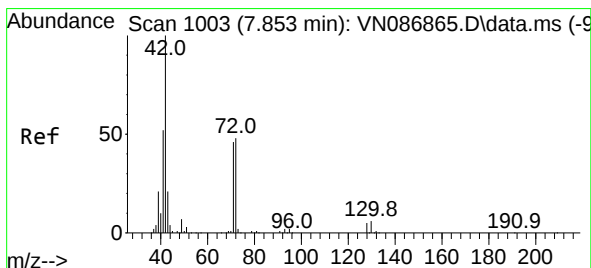
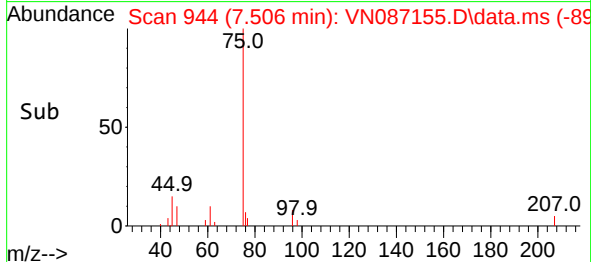
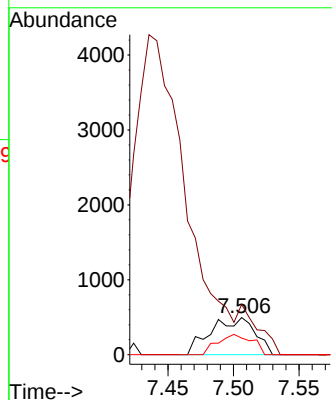
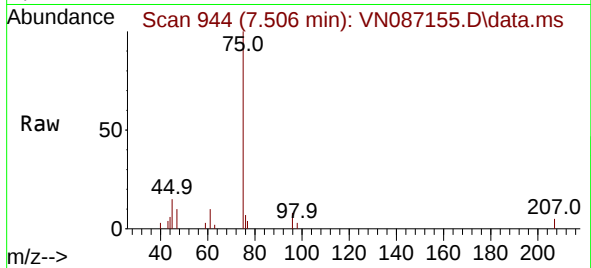




#27
 cis-1,2-Dichloroethene
 Concen: 0.329 ug/l
 RT: 7.506 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN087155.D
 Acq: 24 Jun 2025 14:44

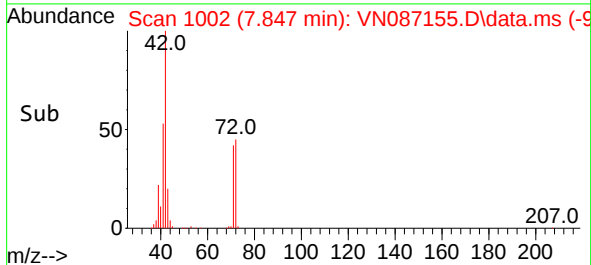
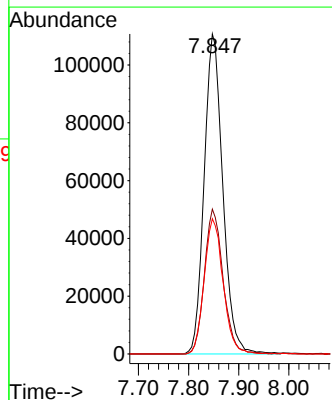
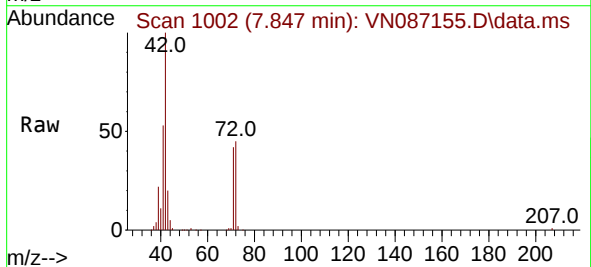
Instrument :
 MSVOA_N
 ClientSampleId :
 250528063-02

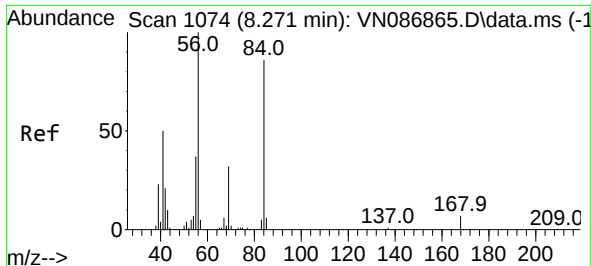
Tgt Ion: 96 Resp: 1165
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 278.0
 98 42.5 0.0 128.2



#29
 Tetrahydrofuran
 Concen: 159.447 ug/l
 RT: 7.847 min Scan# 1002
 Delta R.T. -0.006 min
 Lab File: VN087155.D
 Acq: 24 Jun 2025 14:44

Tgt Ion: 42 Resp: 286410
 Ion Ratio Lower Upper
 42 100
 72 45.4 37.8 56.6
 71 42.8 35.6 53.4

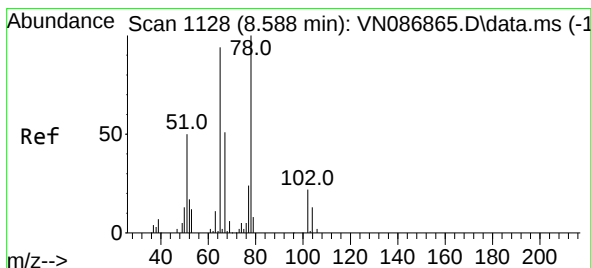
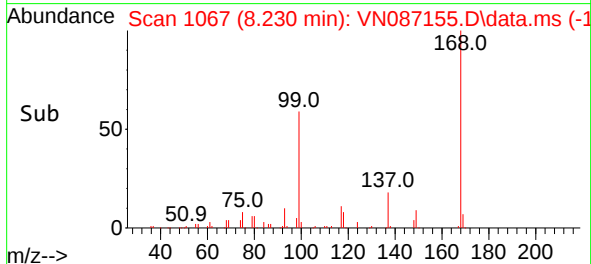
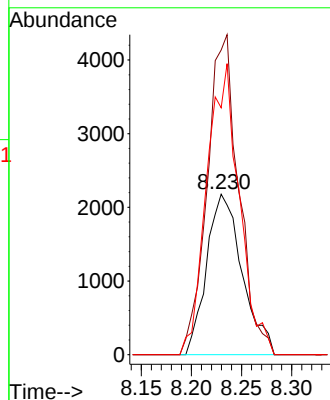
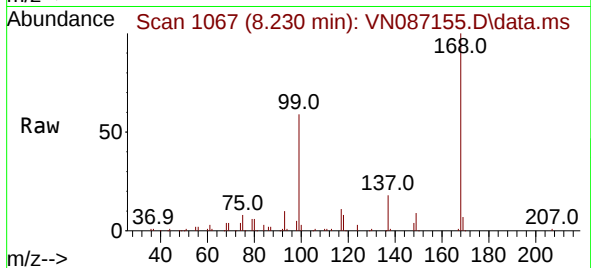




#31
Cyclohexane
Concen: 1.033 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

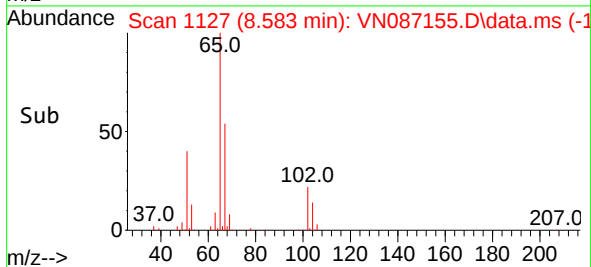
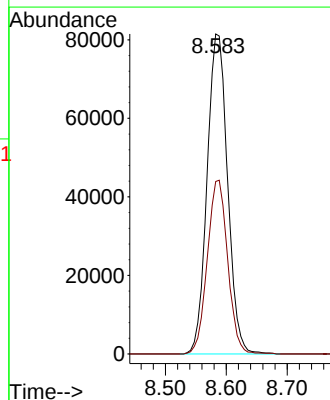
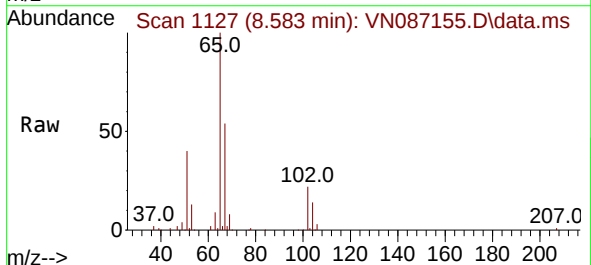
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

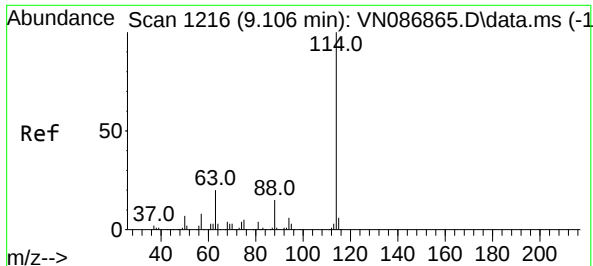
Tgt Ion: 56 Resp: 5357
Ion Ratio Lower Upper
56 100
69 189.9 25.4 38.0#
84 153.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 59.495 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 65 Resp: 190316
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.6

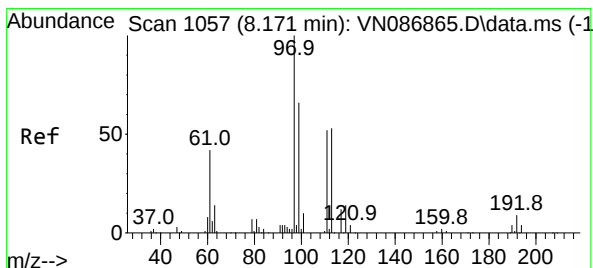
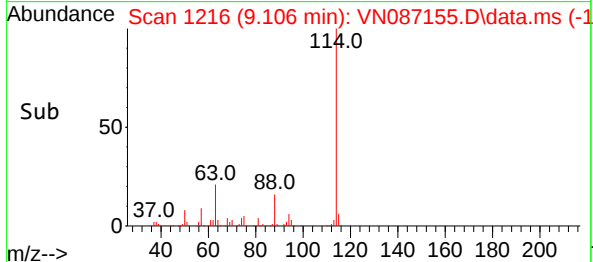
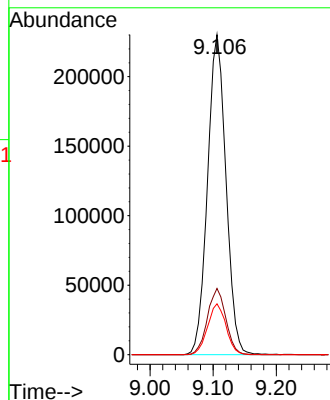
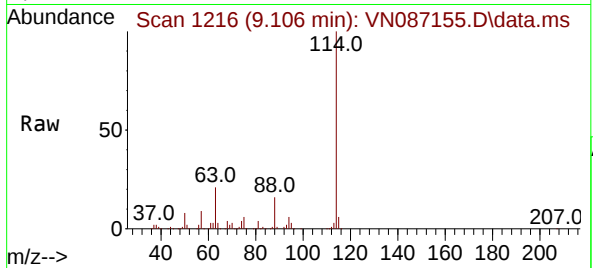




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

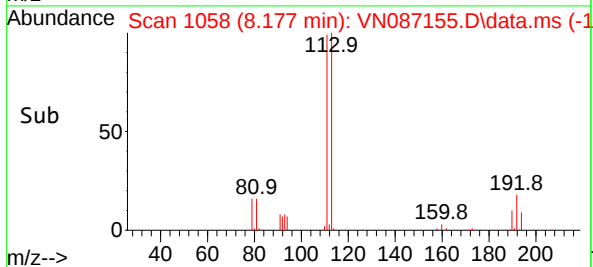
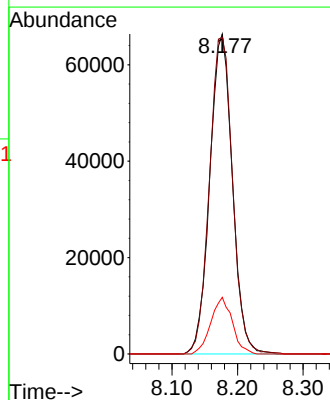
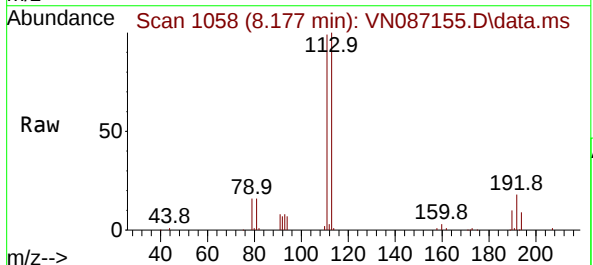
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

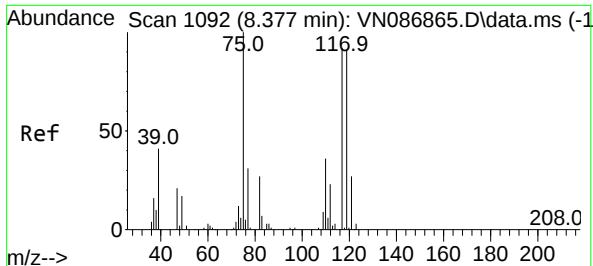
Tgt Ion:114 Resp: 466655
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.6
88 15.9 0.0 30.2



#35
Dibromofluoromethane
Concen: 57.327 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion:113 Resp: 158537
Ion Ratio Lower Upper
113 100
111 101.2 84.2 126.2
192 16.8 14.2 21.4

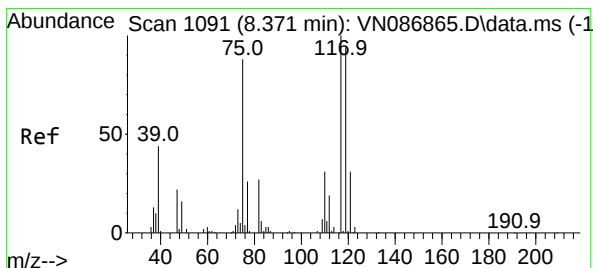
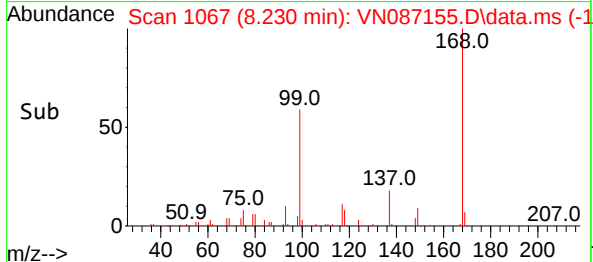
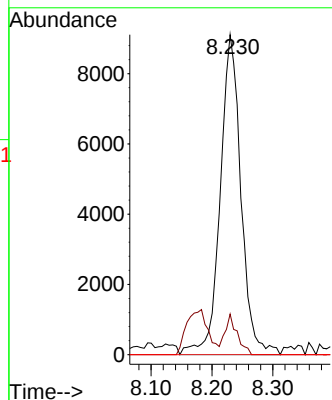
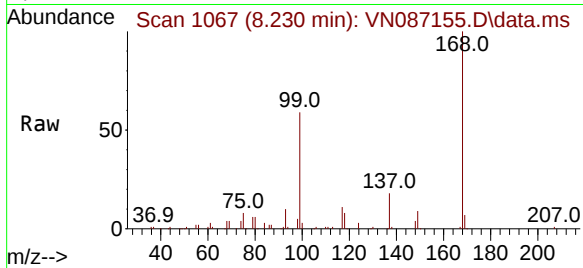




#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

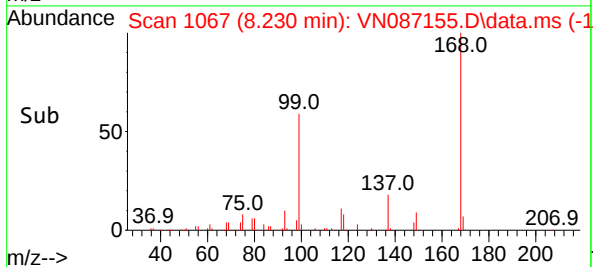
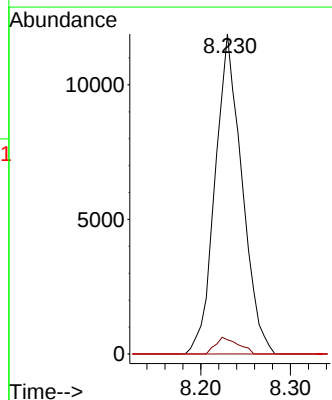
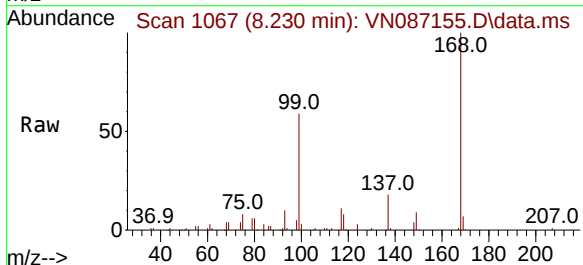
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

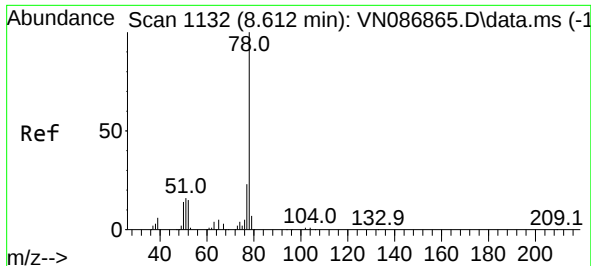
Tgt Ion: 75 Resp: 21617
Ion Ratio Lower Upper
75 100
110 7.4 17.6 52.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 117 Resp: 24738
Ion Ratio Lower Upper
117 100
119 4.4 75.0 112.6#
121 0.0 24.9 37.3#

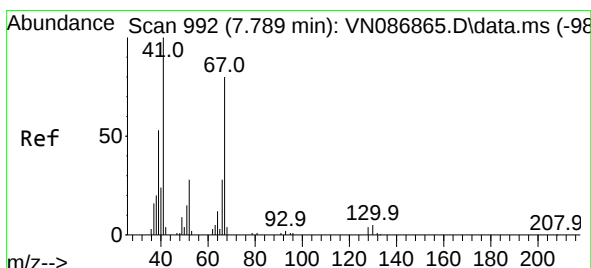
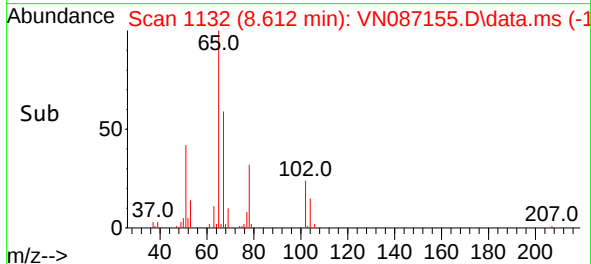
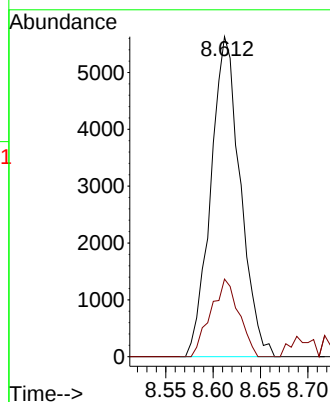
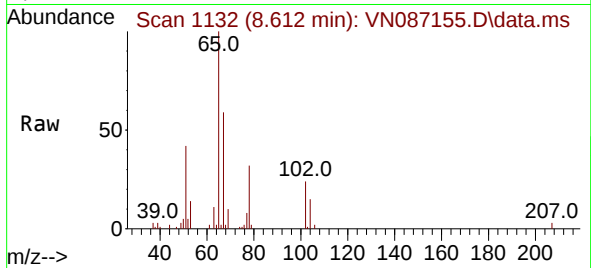




#40
Benzene
Concen: 0.907 ug/l
RT: 8.612 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

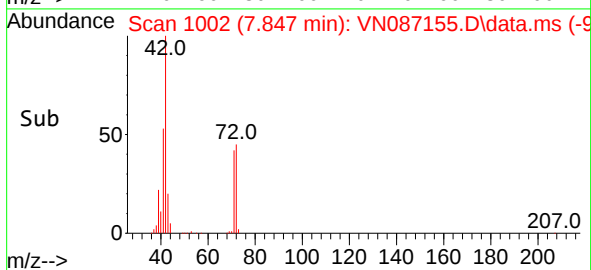
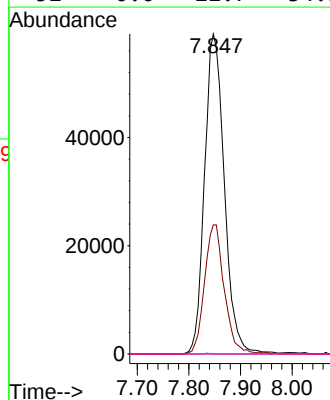
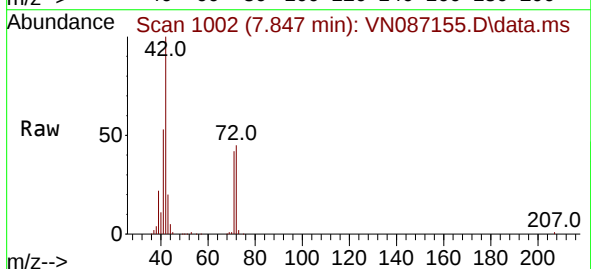
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

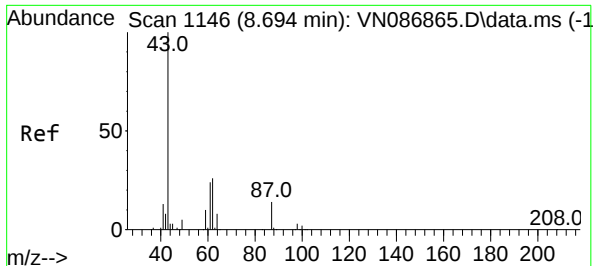
Tgt Ion: 78 Resp: 12221
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



#41
Methacrylonitrile
Concen: 53.383 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.059 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 41 Resp: 157272
Ion Ratio Lower Upper
41 100
39 40.1 41.2 61.8#
67 0.0 61.4 92.2#
52 0.0 22.7 34.1#

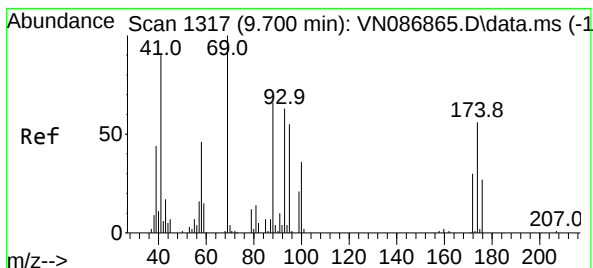
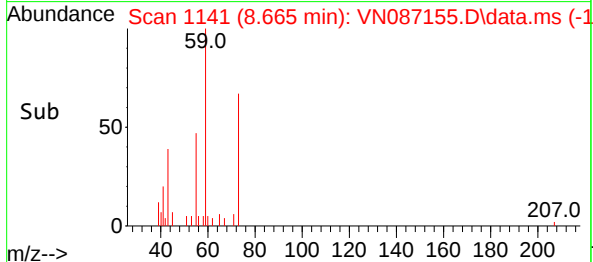
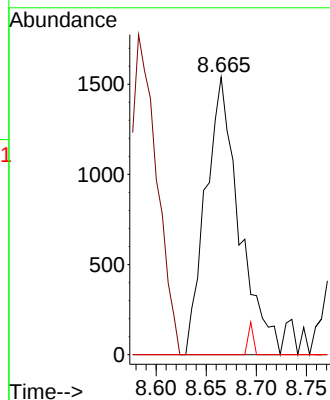
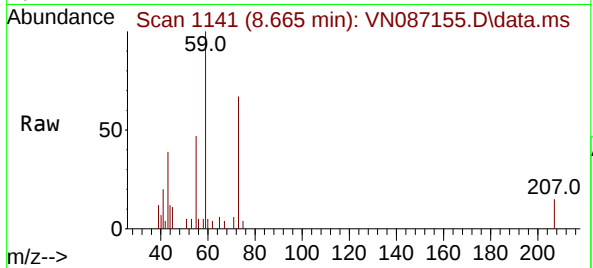




#43
Isopropyl Acetate
Concen: 0.425 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.029 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

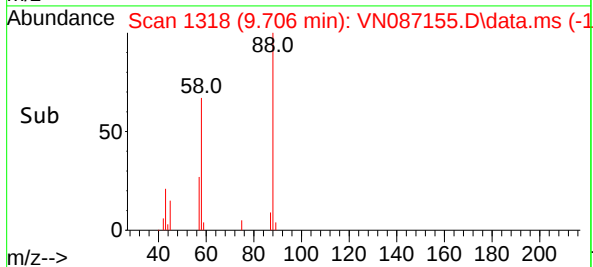
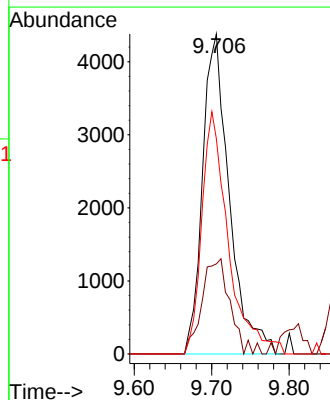
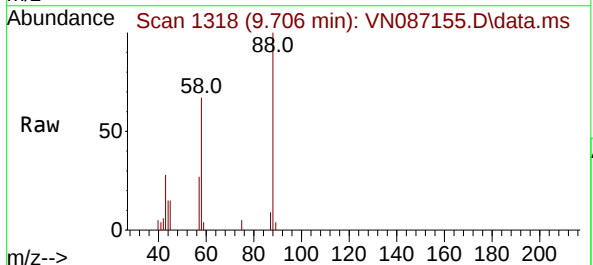
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

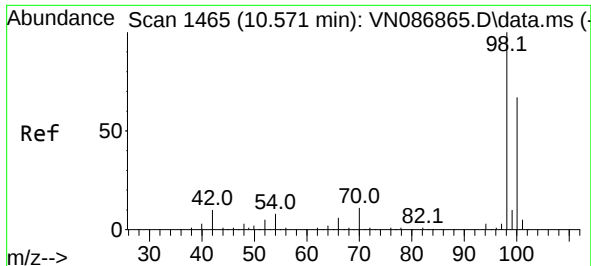
Tgt Ion: 43 Resp: 3576
Ion Ratio Lower Upper
43 100
61 0.0 22.1 33.1#
87 0.0 11.8 17.6#



#49
1,4-Dioxane
Concen: 149.192 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 88 Resp: 10518
Ion Ratio Lower Upper
88 100
43 31.1 0.0 0.0#
58 75.1 57.7 86.5

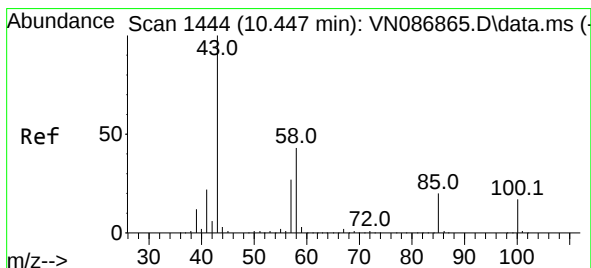
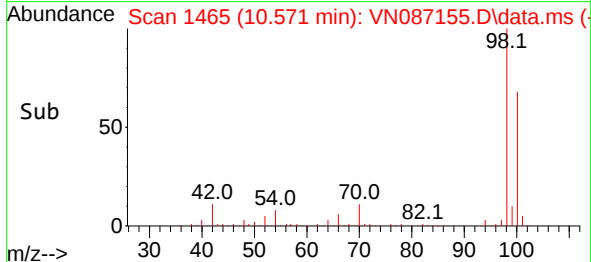
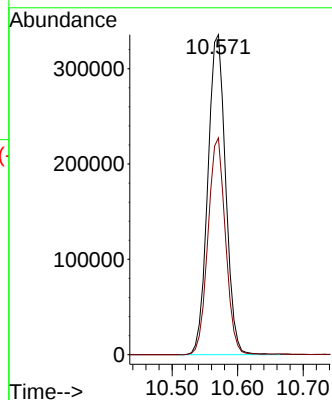
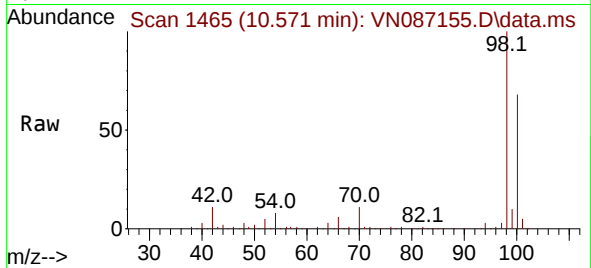




#50
Toluene-d8
Concen: 57.924 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

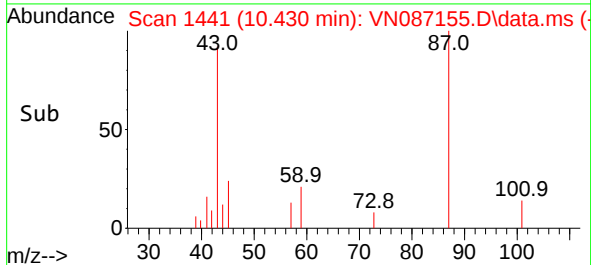
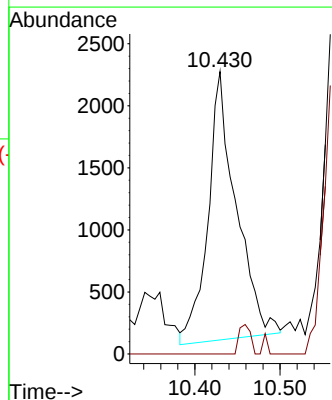
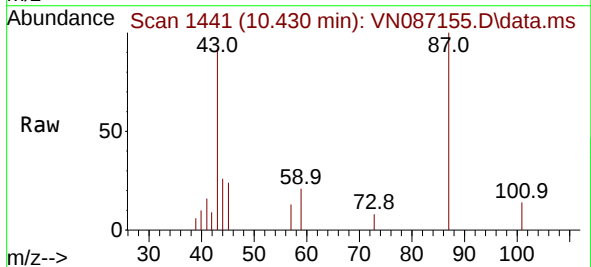
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

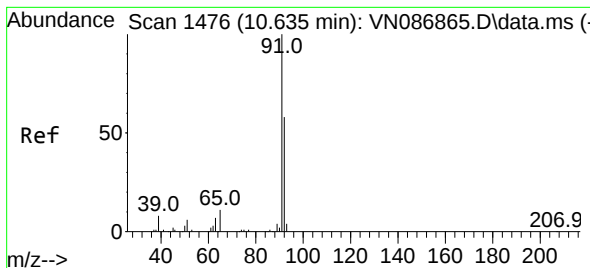
Tgt Ion: 98 Resp: 634148
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.978 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 43 Resp: 4955
Ion Ratio Lower Upper
43 100
58 0.0 34.2 51.4#





#52

Toluene

Concen: 1.025 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

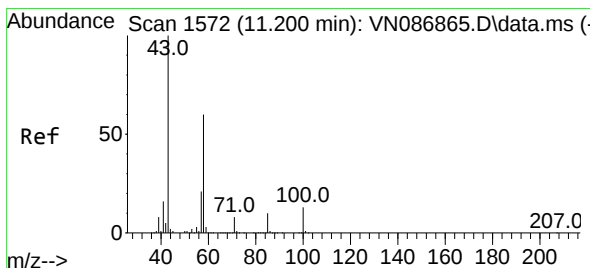
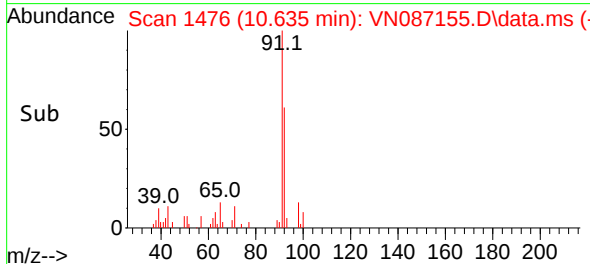
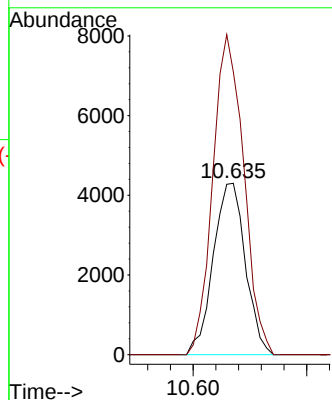
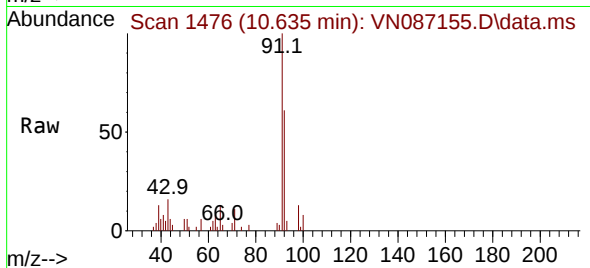
250528063-02

Tgt Ion: 92 Resp: 8439

Ion Ratio Lower Upper

92 100

91 179.9 136.5 204.7



#59

2-Hexanone

Concen: 0.609 ug/l

RT: 11.300 min Scan# 1589

Delta R.T. 0.100 min

Lab File: VN087155.D

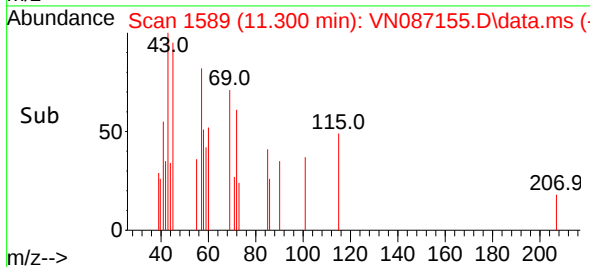
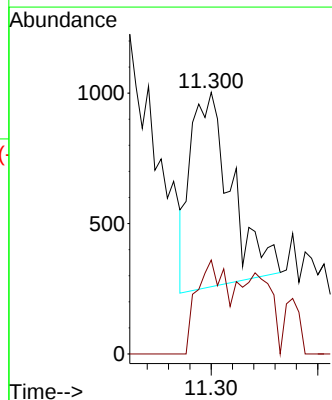
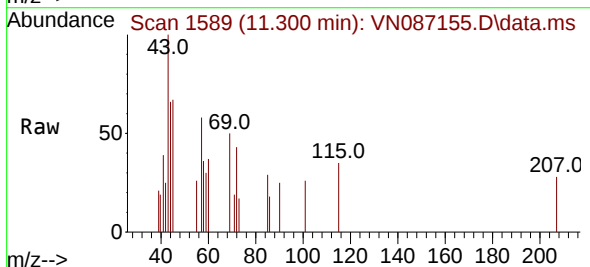
Acq: 24 Jun 2025 14:44

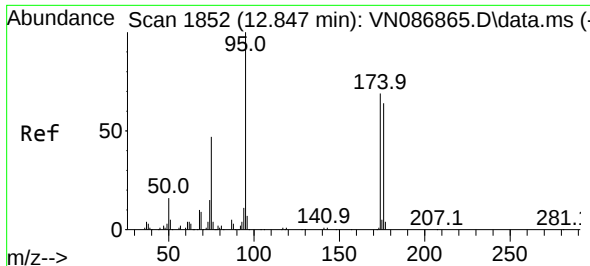
Tgt Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

58 34.0 30.4 91.3

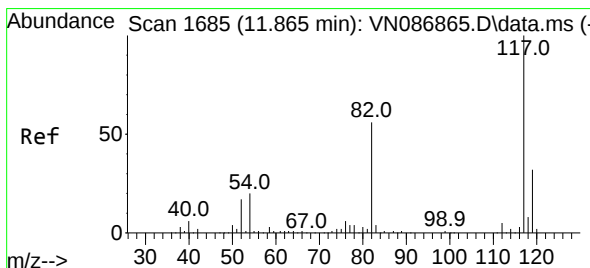
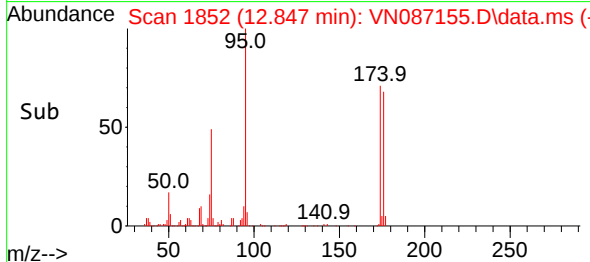
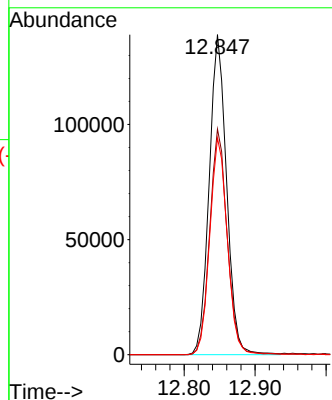
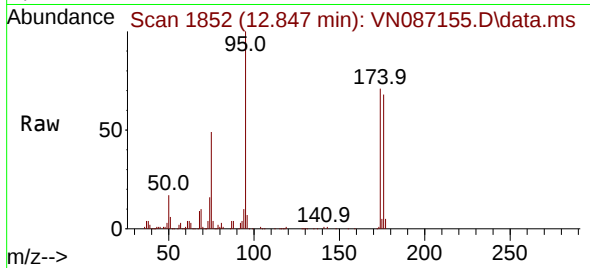




#62
4-Bromofluorobenzene
Concen: 58.217 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

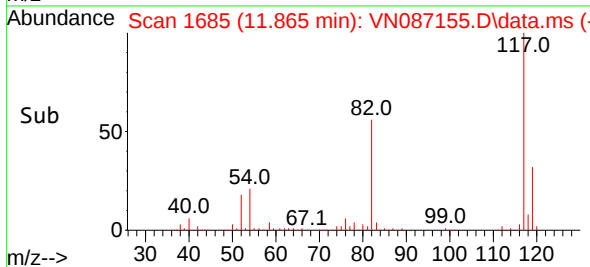
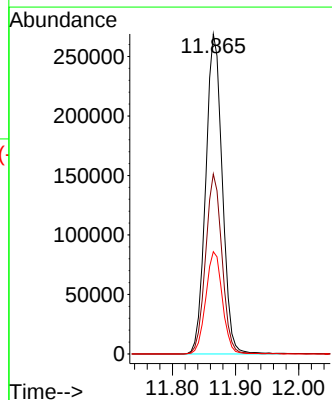
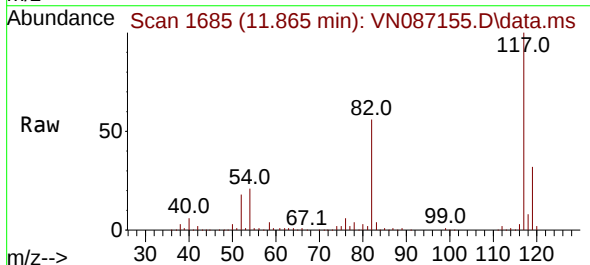
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

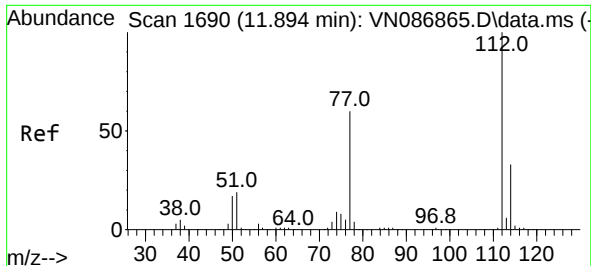
Tgt Ion: 95 Resp: 236797
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.8
176 68.1 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 117 Resp: 490070
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.0 25.5 38.3

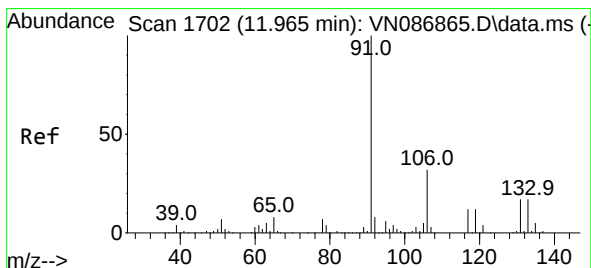
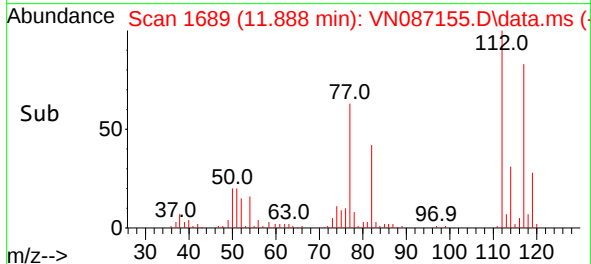
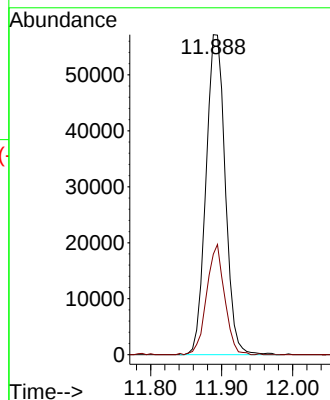
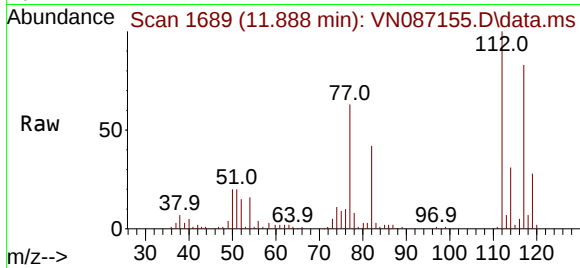




#65
Chlorobenzene
Concen: 9.957 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

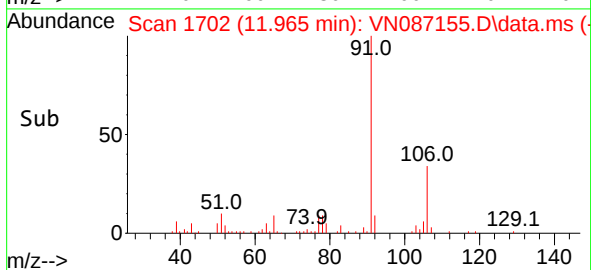
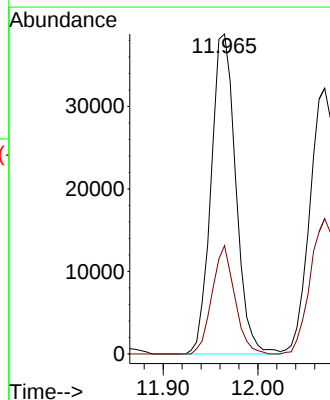
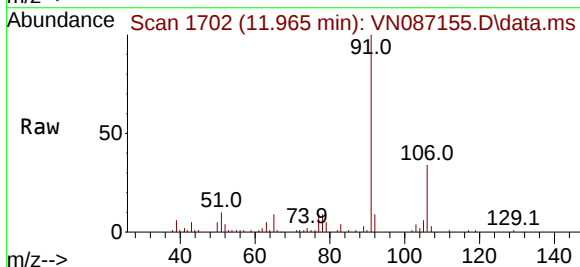
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

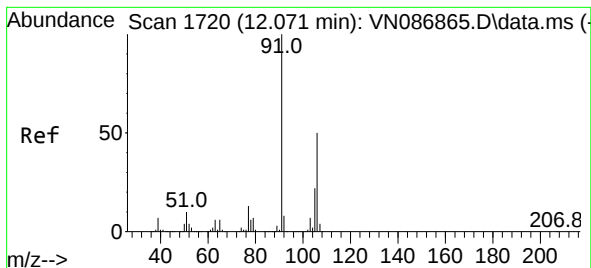
Tgt Ion:112 Resp: 107622
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2



#67
Ethyl Benzene
Concen: 3.776 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 91 Resp: 70298
Ion Ratio Lower Upper
91 100
106 33.9 25.4 38.2

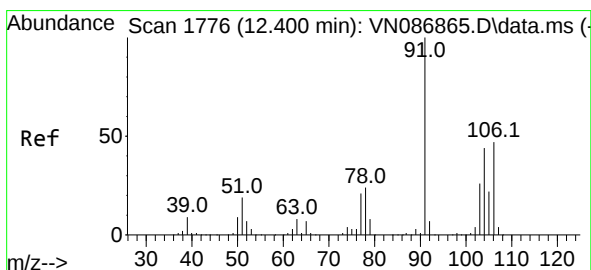
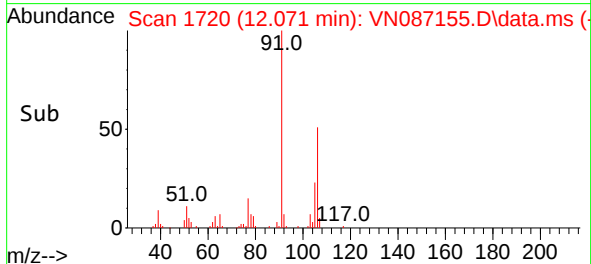
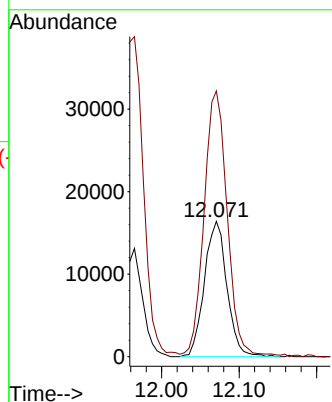
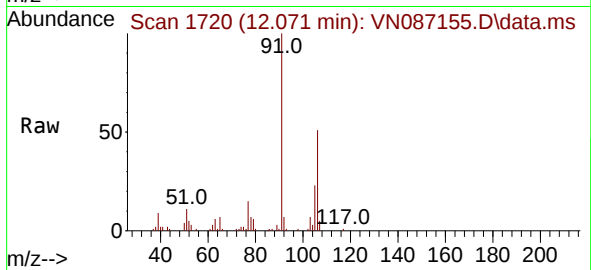




#68
m/p-Xylenes
Concen: 4.644 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

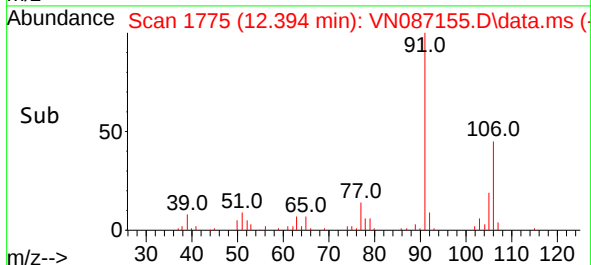
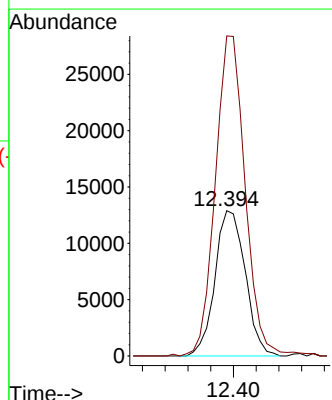
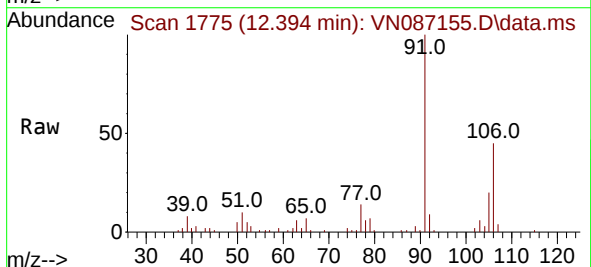
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

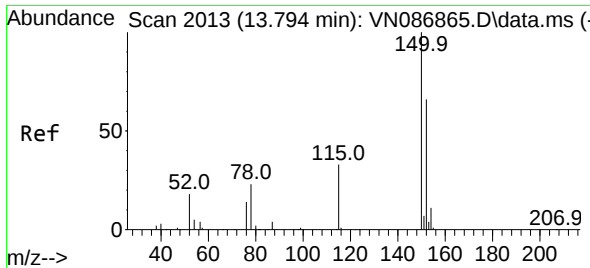
Tgt Ion:106 Resp: 33095
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.0



#69
o-Xylene
Concen: 3.495 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion:106 Resp: 23854
Ion Ratio Lower Upper
106 100
91 217.6 106.1 318.1

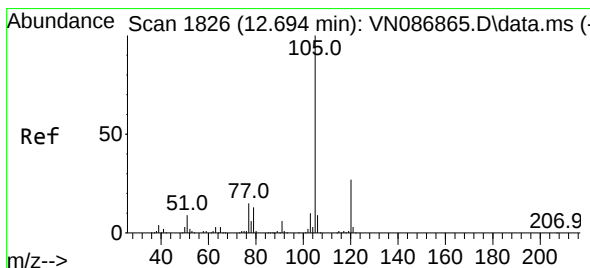
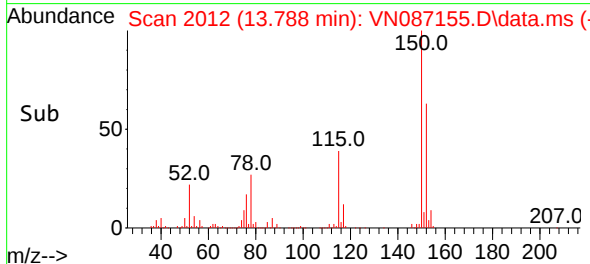
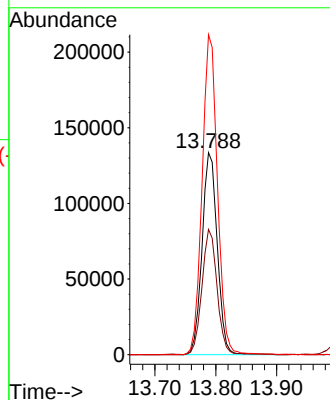
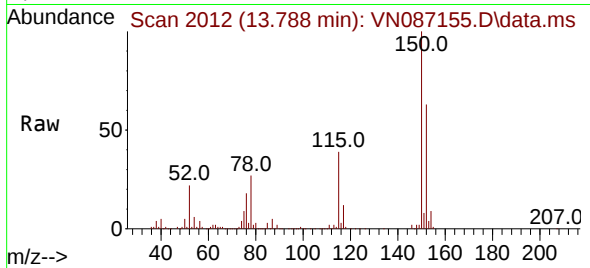




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

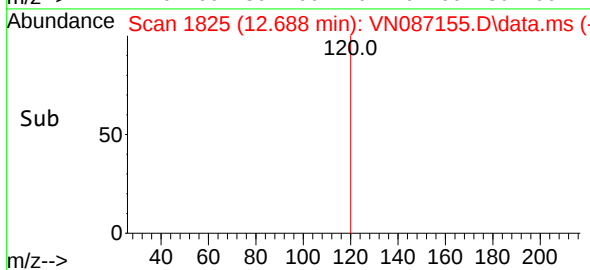
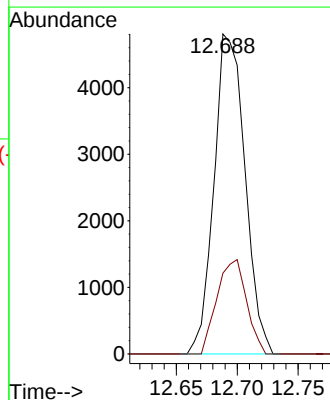
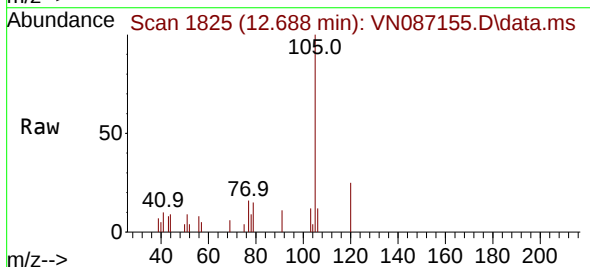
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

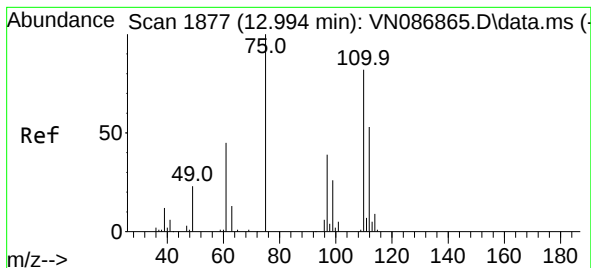
Tgt Ion:152 Resp: 231712
Ion Ratio Lower Upper
152 100
115 61.9 30.1 90.5
150 159.7 0.0 345.0



#73
Isopropylbenzene
Concen: 0.503 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion:105 Resp: 8496
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.4





#76

1,2,3-Trichloropropane

Concen: 21.091 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.147 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

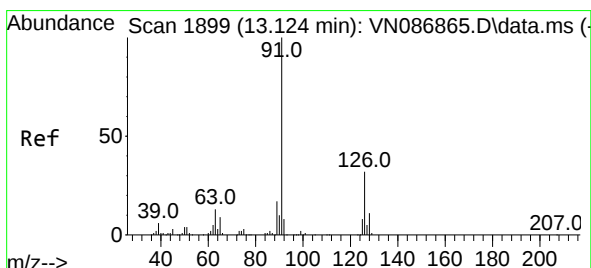
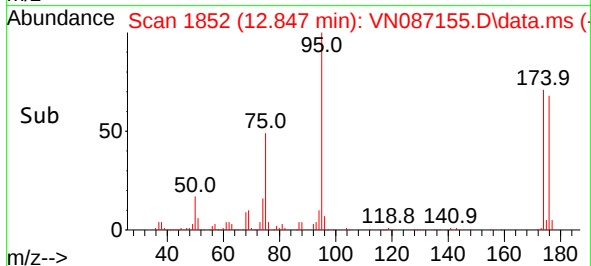
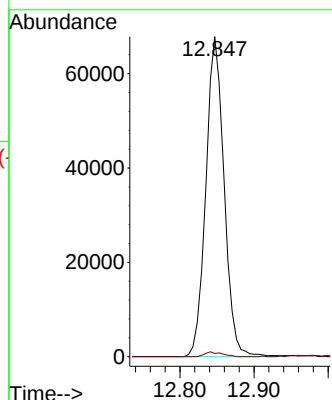
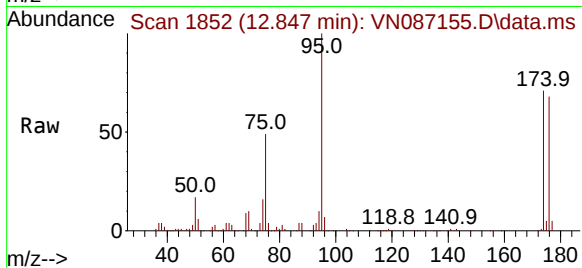
250528063-02

Tgt Ion: 75 Resp: 116166

Ion Ratio Lower Upper

75 100

77 1.4 79.3 237.9#



#79

2-Chlorotoluene

Concen: 0.633 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN087155.D

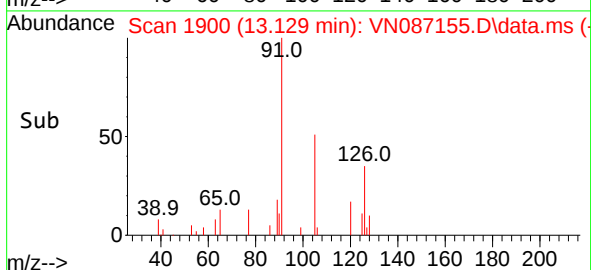
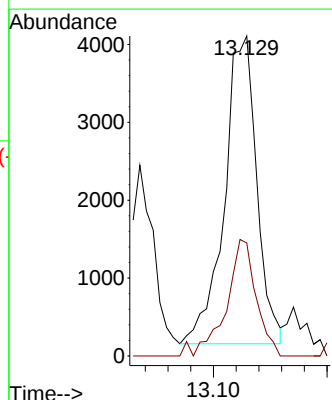
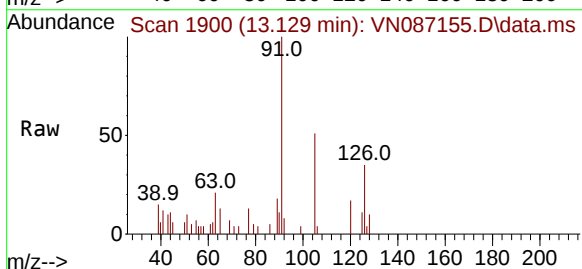
Acq: 24 Jun 2025 14:44

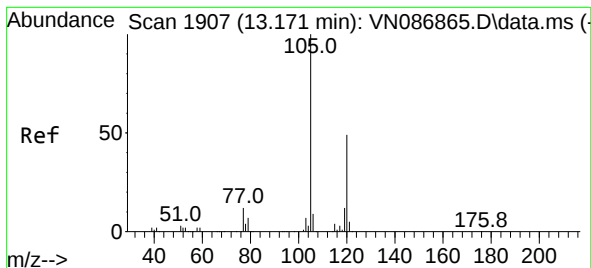
Tgt Ion: 91 Resp: 7790

Ion Ratio Lower Upper

91 100

126 35.2 16.2 48.5





#80

1,3,5-Trimethylbenzene

Concen: 0.438 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

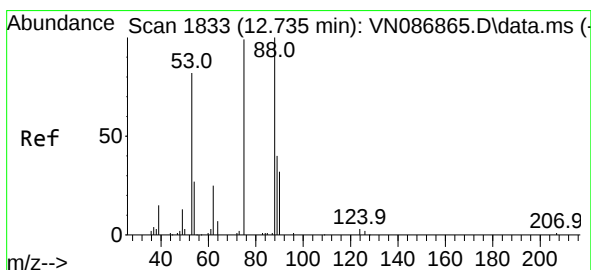
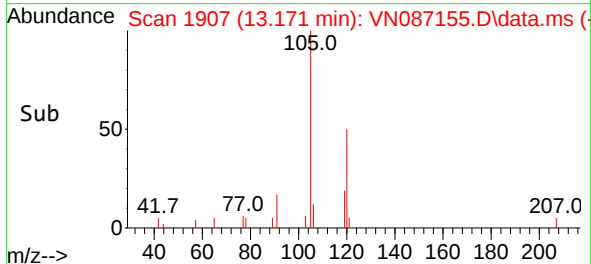
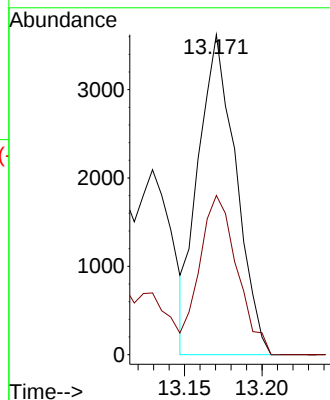
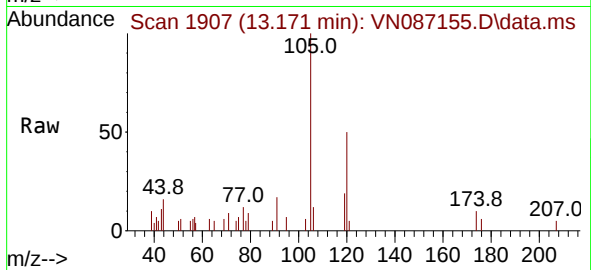
250528063-02

Tgt Ion:105 Resp: 6103

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 48.550 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

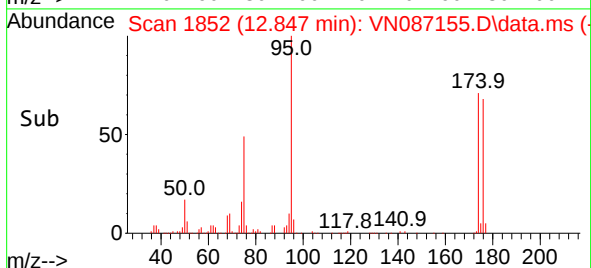
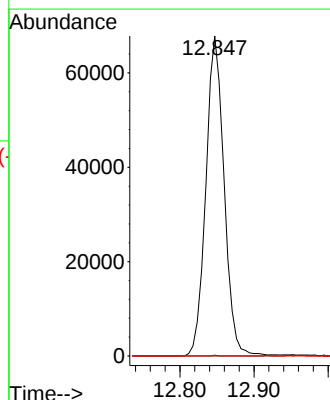
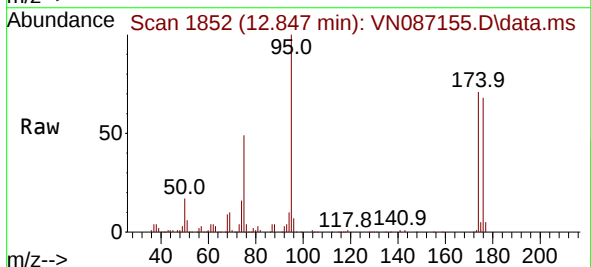
Tgt Ion: 75 Resp: 116166

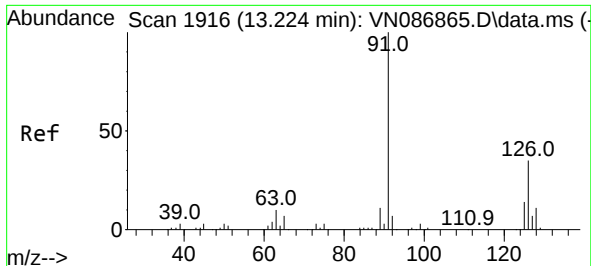
Ion Ratio Lower Upper

75 100

53 0.0 66.6 99.8#

89 0.0 36.7 55.1#

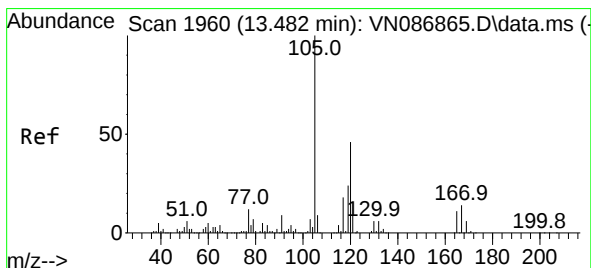
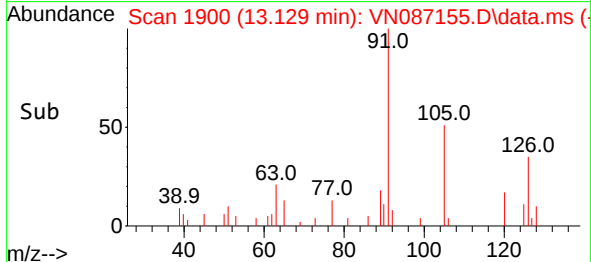
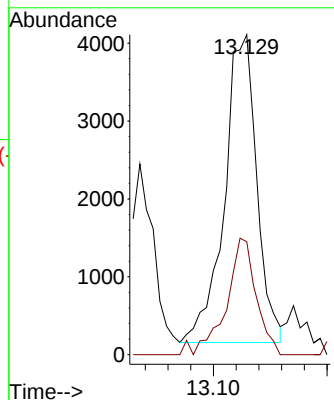
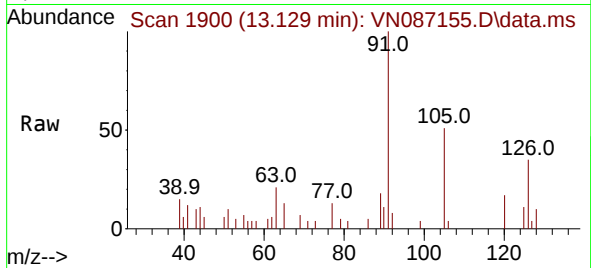




#82
4-Chlorotoluene
Concen: 0.626 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.094 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

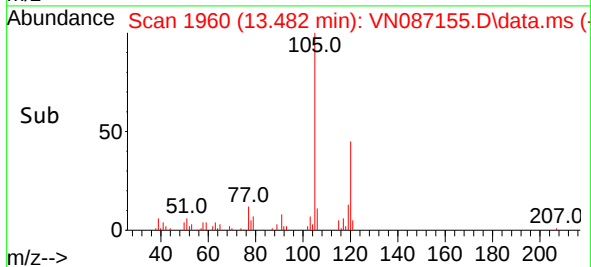
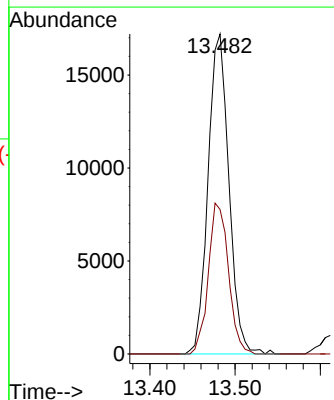
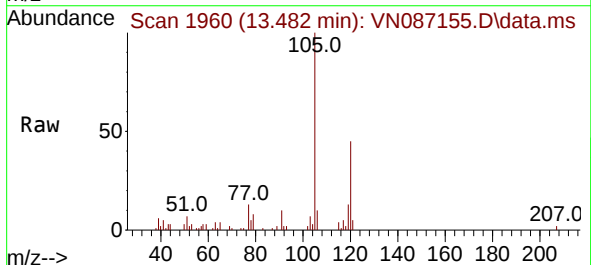
Instrument :
MSVOA_N
ClientSampleId :
250528063-02

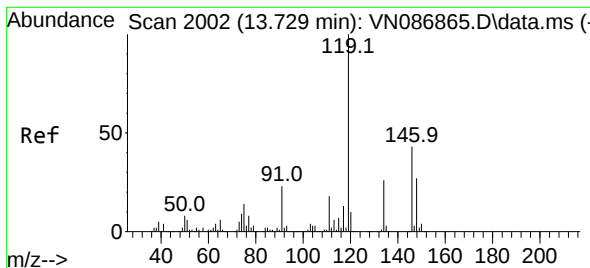
Tgt Ion: 91 Resp: 7790
Ion Ratio Lower Upper
91 100
126 35.2 16.7 50.1



#84
1,2,4-Trimethylbenzene
Concen: 2.091 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087155.D
Acq: 24 Jun 2025 14:44

Tgt Ion: 105 Resp: 29222
Ion Ratio Lower Upper
105 100
120 45.5 23.2 69.6





#86

p-Isopropyltoluene

Concen: 0.433 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

250528063-02

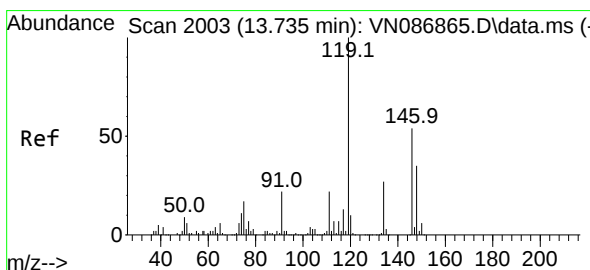
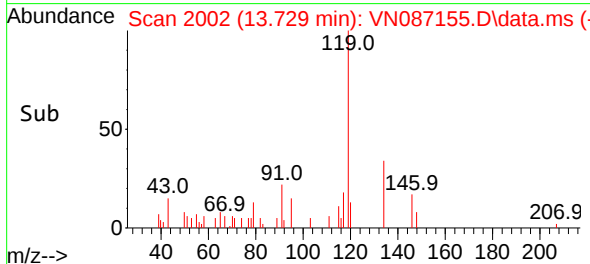
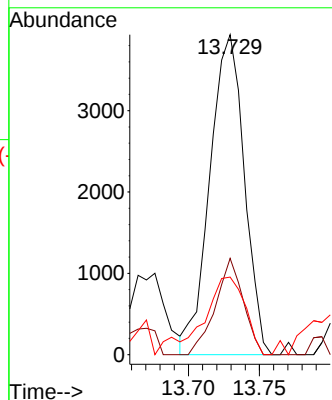
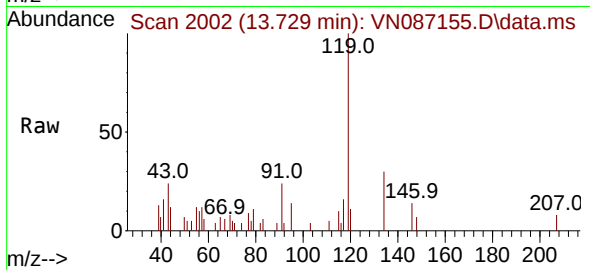
Tgt Ion:119 Resp: 6634

Ion Ratio Lower Upper

119 100

134 24.4 13.5 40.4

91 29.1 11.5 34.4



#87

1,3-Dichlorobenzene

Concen: 7.574 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.076 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

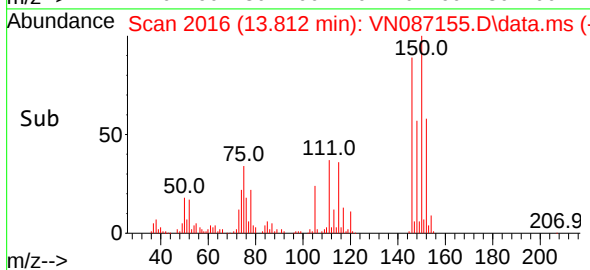
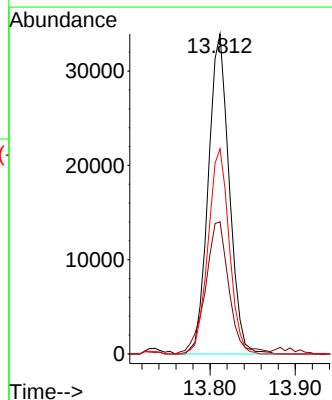
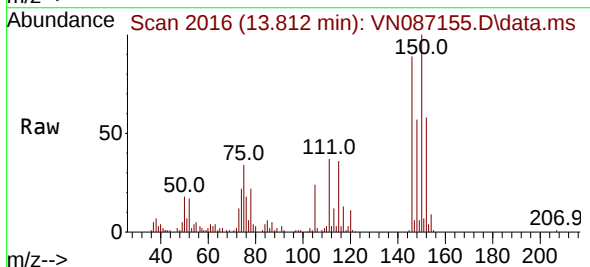
Tgt Ion:146 Resp: 57691

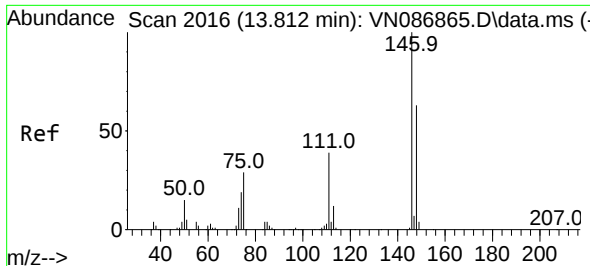
Ion Ratio Lower Upper

146 100

111 46.7 20.9 62.8

148 64.7 32.0 96.2

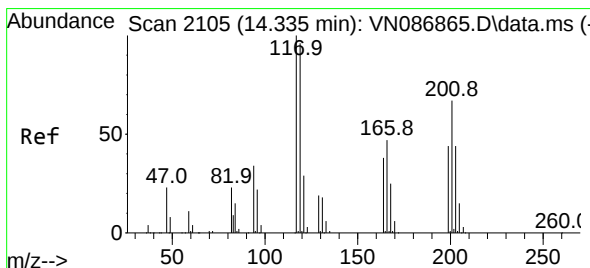
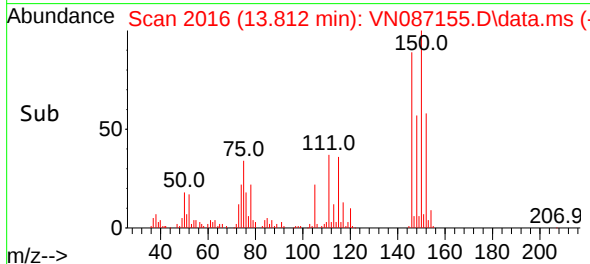
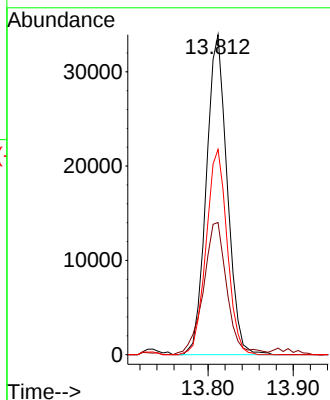
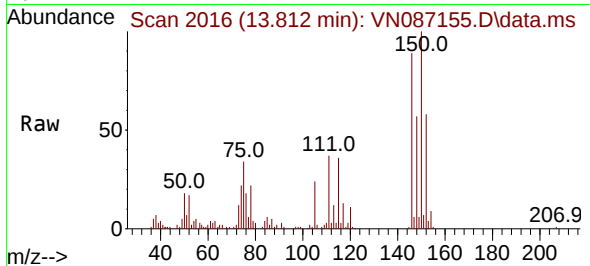




#88
 1,4-Dichlorobenzene
 Concen: 7.429 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087155.D
 Acq: 24 Jun 2025 14:44

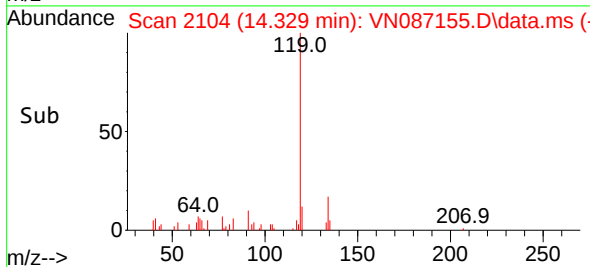
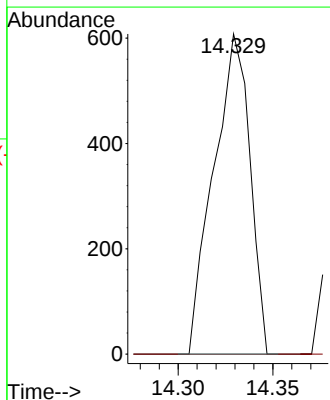
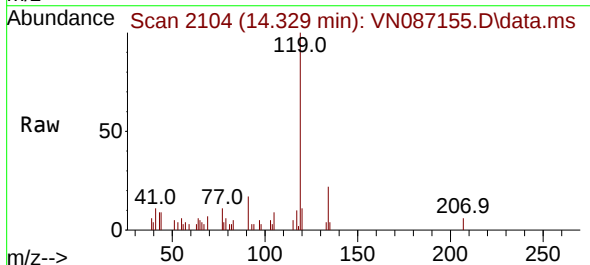
Instrument :
 MSVOA_N
 ClientSampleId :
 250528063-02

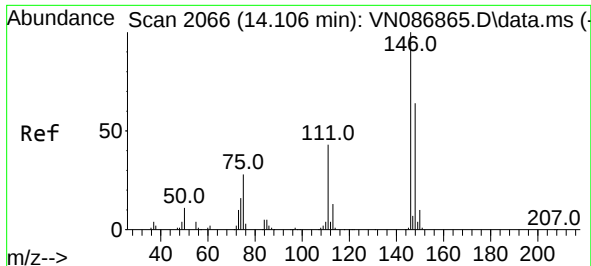
Tgt Ion:146 Resp: 57691
 Ion Ratio Lower Upper
 146 100
 111 46.7 19.9 59.7
 148 64.7 31.8 95.4



#90
 Hexachloroethane
 Concen: 0.312 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.006 min
 Lab File: VN087155.D
 Acq: 24 Jun 2025 14:44

Tgt Ion:117 Resp: 810
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.2 99.6#





#91

1,2-Dichlorobenzene

Concen: 0.494 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

250528063-02

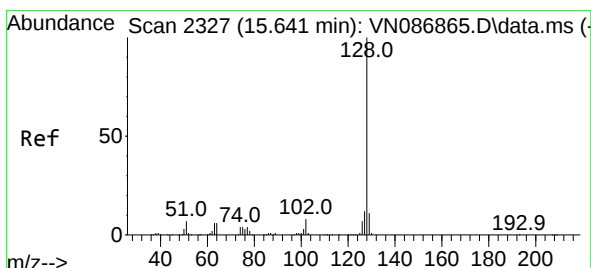
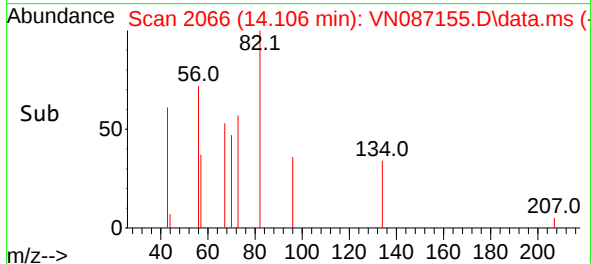
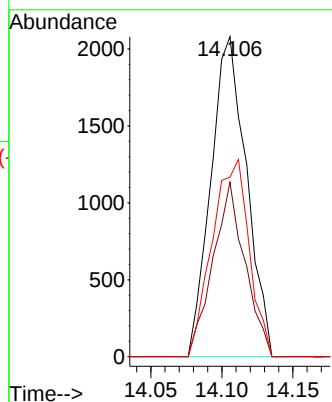
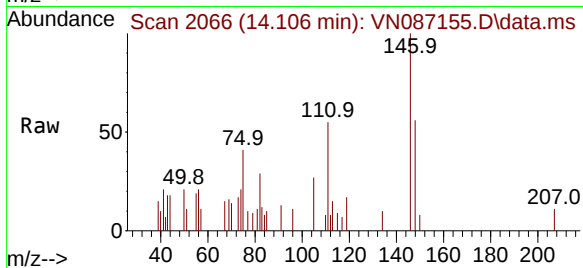
Tgt Ion:146 Resp: 3617

Ion Ratio Lower Upper

146 100

111 49.1 21.6 64.6

148 64.0 31.7 95.1



#95

Naphthalene

Concen: 7.308 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN087155.D

Acq: 24 Jun 2025 14:44

Tgt Ion:128 Resp: 127100

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.5 8.8 13.2

