

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087590.D
 Acq On : 15 Aug 2025 18:12
 Operator : JC\MD
 Sample : Q2884-03
 Misc : 3.80g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:49:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	301019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	663766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	584709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	277911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271521	53.160	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.320%
35) Dibromofluoromethane	8.147	113	190545	41.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.240%
50) Toluene-d8	10.547	98	724080	44.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.660%
62) 4-Bromofluorobenzene	12.829	95	257371	42.653	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.300%
Target Compounds						
						Qvalue
5) Bromomethane	2.918	94	4297	2.077	ug/l	97
10) Methyl Iodide	4.553	142	5144	7.094	ug/l #	94
11) Tert butyl alcohol	5.500	59	439	0.453	ug/l #	72
13) Acrolein	4.159	56	865	1.111	ug/l	97
16) Acetone	4.436	43	248965	103.959	ug/l	99
17) Carbon Disulfide	4.659	76	4445	0.436	ug/l #	82
18) Methyl Acetate	5.018	43	1508	0.251	ug/l #	54
20) Methylene Chloride	5.236	84	1780	Below Cal	#	46
29) Tetrahydrofuran	7.836	42	931	0.387	ug/l #	64
31) Cyclohexane	8.200	56	14221	2.265	ug/l #	43
36) 1,1-Dichloropropene	8.200	75	30584	5.056	ug/l #	44
38) Carbon Tetrachloride	8.206	117	35828	5.377	ug/l #	15
39) Methylcyclohexane	9.582	83	3668	0.560	ug/l	99
41) Methacrylonitrile	7.783	41	982	0.215	ug/l #	31
43) Isopropyl Acetate	8.677	43	4615	0.340	ug/l #	56
52) Toluene	10.612	92	16619	1.398	ug/l	96
56) Ethyl methacrylate	10.871	69	629	0.714	ug/l #	1
64) Tetrachloroethene	11.076	164	838	0.223	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.947	131	1101	0.247	ug/l #	32
67) Ethyl Benzene	11.941	91	5966070	276.072	ug/l	98
68) m/p-Xylenes	12.047	106	9563780	1181.833	ug/l	93
69) o-Xylene	12.376	106	2451534	317.146	ug/l	95
70) Styrene	12.376	104	122300	9.405	ug/l #	1
71) Bromoform	12.571	173	732	0.203	ug/l #	75
73) Isopropylbenzene	12.682	105	53195	3.041	ug/l	100
74) N-amyl acetate	12.518	43	1736	0.239	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	147681	23.697	ug/l #	1
78) n-propylbenzene	13.018	91	42633	1.937	ug/l	95
80) 1,3,5-Trimethylbenzene	13.147	105	20615	1.383	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.829	75	147681	64.840	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.465	105	58675	3.855	ug/l	97
85) sec-Butylbenzene	13.600	105	7033	0.375	ug/l #	73
86) p-Isopropyltoluene	13.659	119	7546	0.502	ug/l	89
89) n-Butylbenzene	14.035	91	9339	0.651	ug/l #	79
90) Hexachloroethane	14.306	117	2763	0.868	ug/l #	17
95) Naphthalene	15.617	128	12890	0.734	ug/l #	85

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

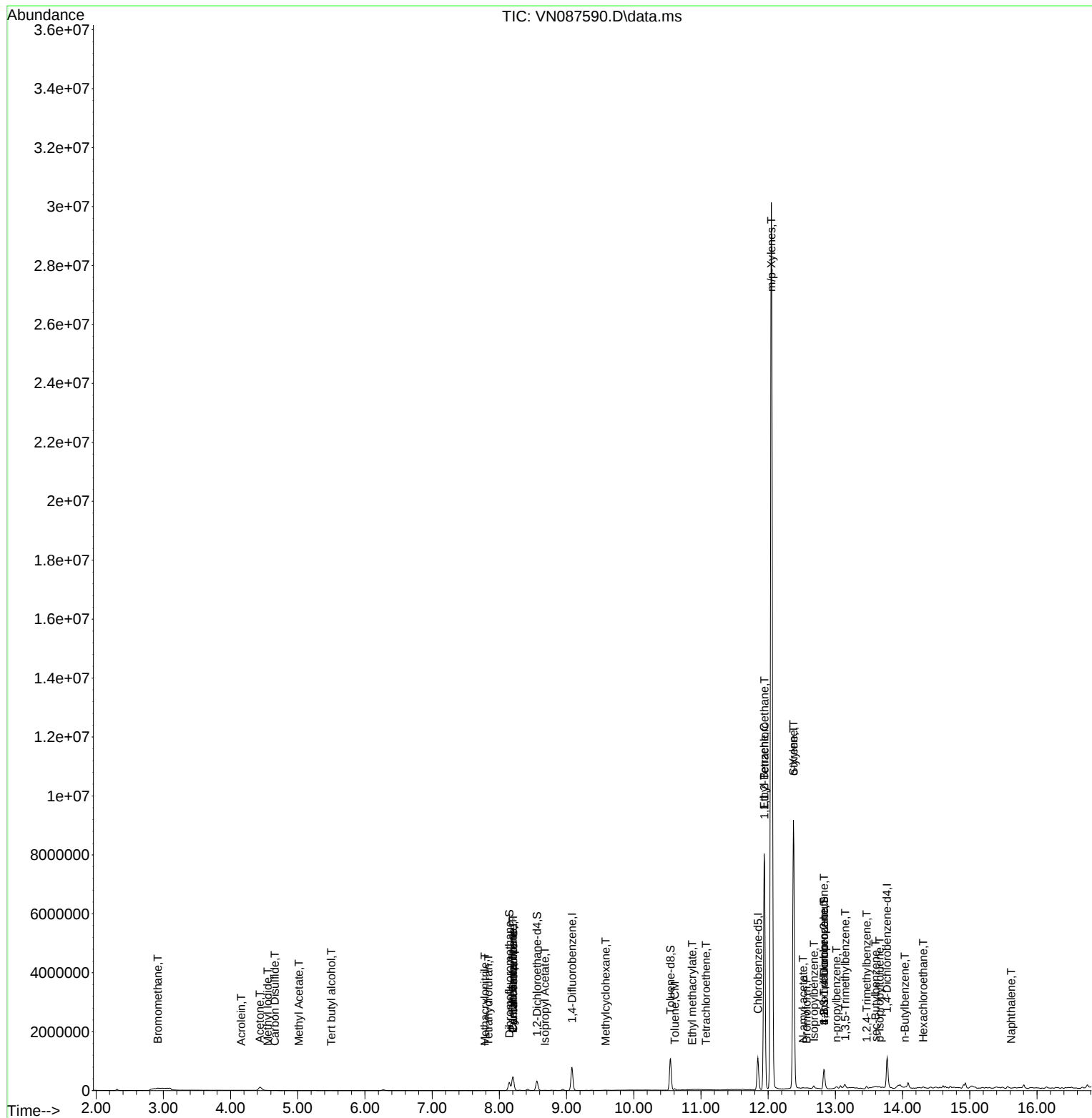
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

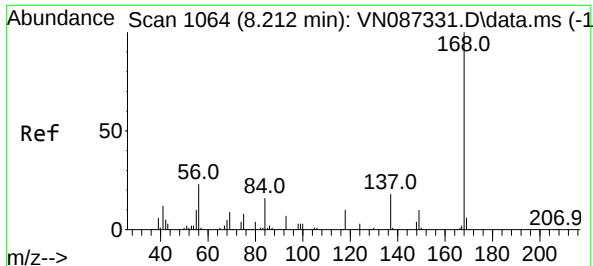
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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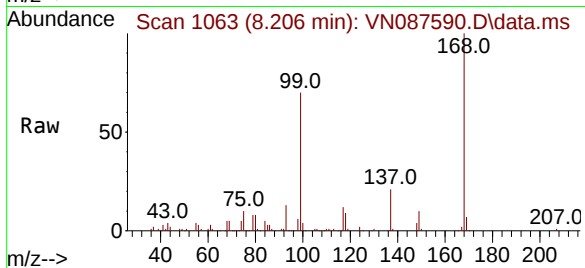
Quant Time: Aug 18 05:49:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
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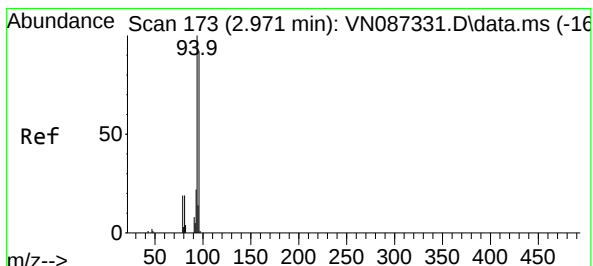
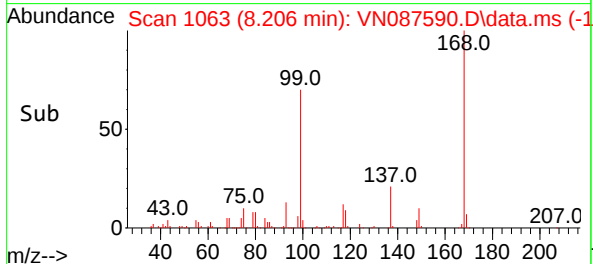
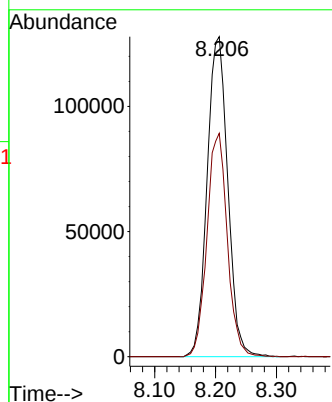


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Instrument :
MSVOA_N
ClientSampleId :

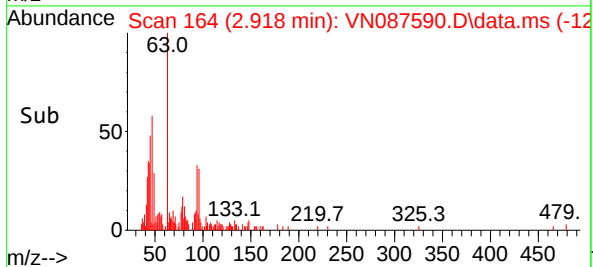
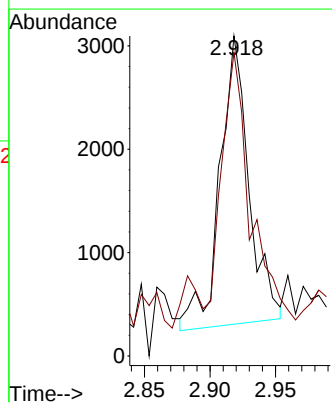
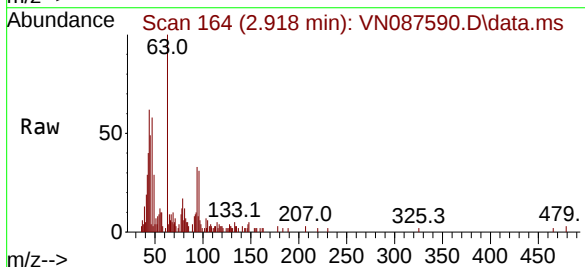


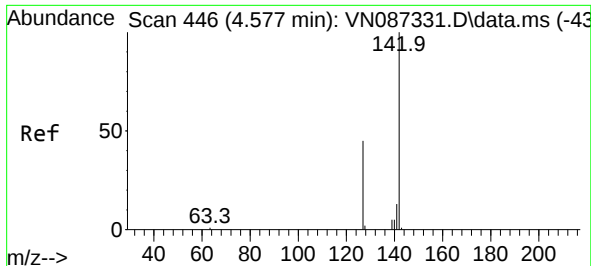
Tgt Ion:168 Resp: 301019
Ion Ratio Lower Upper
168 100
99 69.8 47.9 71.9



#5
Bromomethane
Concen: 2.077 ug/l
RT: 2.918 min Scan# 164
Delta R.T. -0.053 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

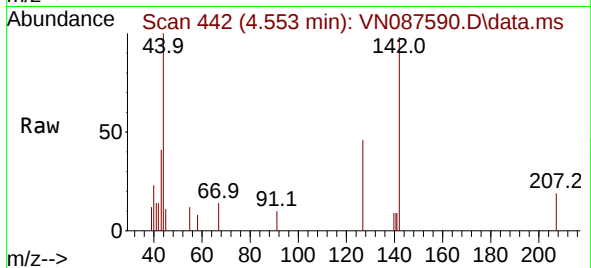
Tgt Ion: 94 Resp: 4297
Ion Ratio Lower Upper
94 100
96 89.2 73.4 110.2



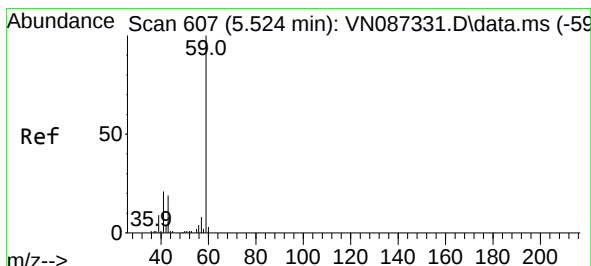
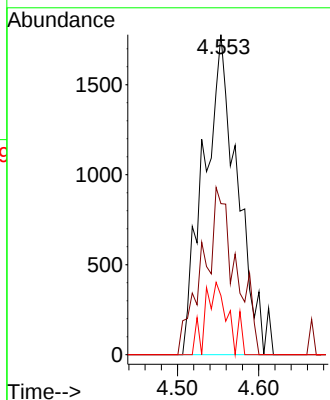
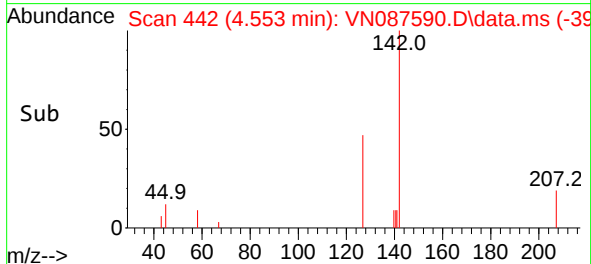


#10
Methyl Iodide
Concen: 7.094 ug/l
RT: 4.553 min Scan# 446
Delta R.T. -0.024 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Instrument :
MSVOA_N
ClientSampleId :

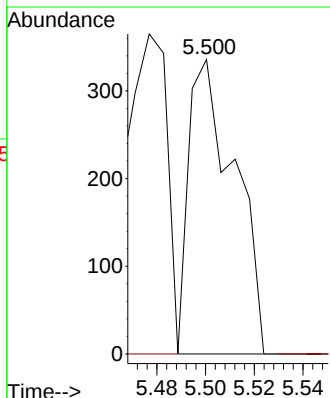
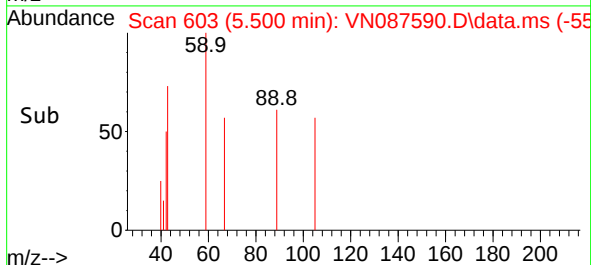
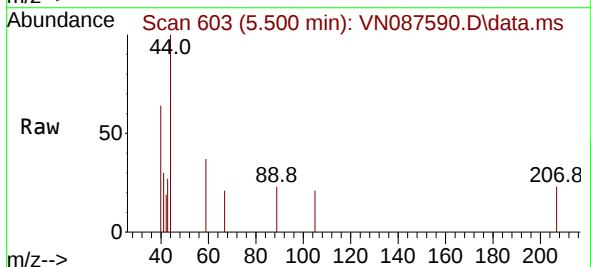


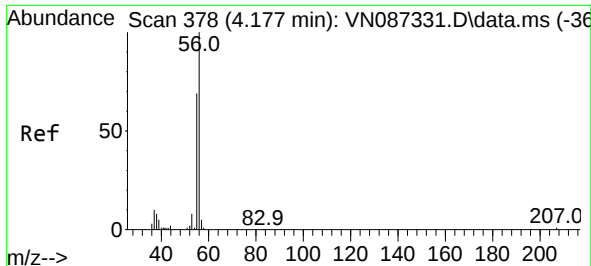
Tgt Ion:142 Resp: 5144
Ion Ratio Lower Upper
142 100
127 47.2 35.7 53.5
141 18.4 10.4 15.6#



#11
Tert butyl alcohol
Concen: 0.453 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.023 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

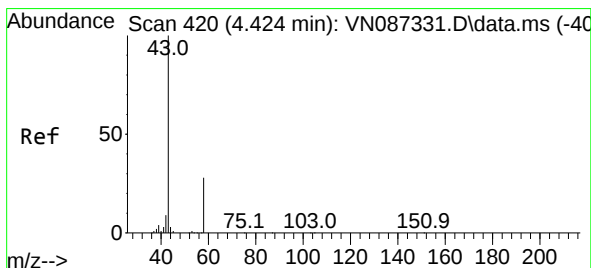
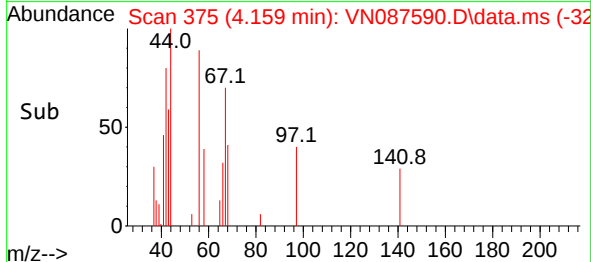
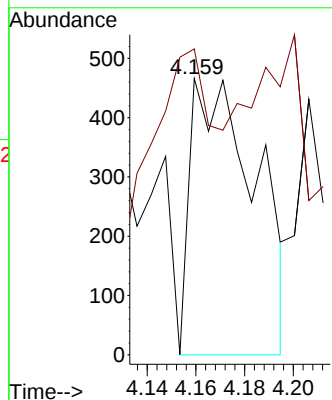
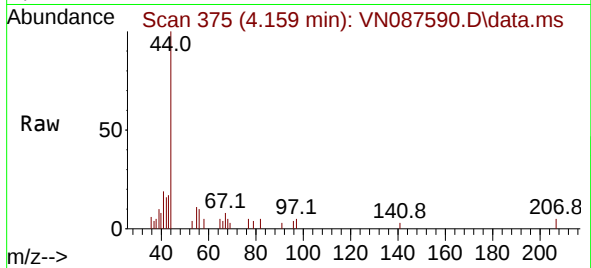




#13
Acrolein
Concen: 1.111 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.017 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

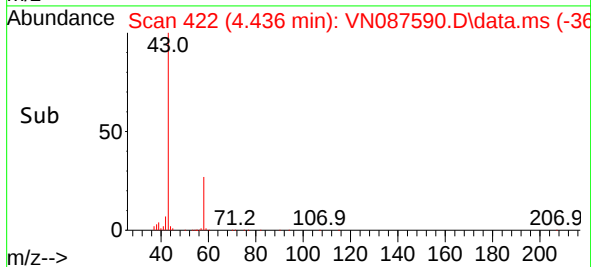
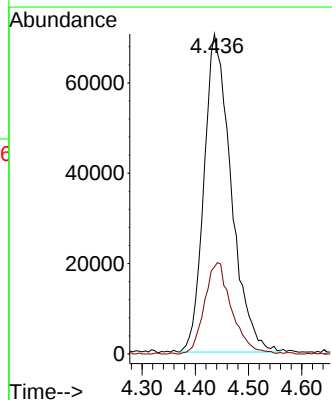
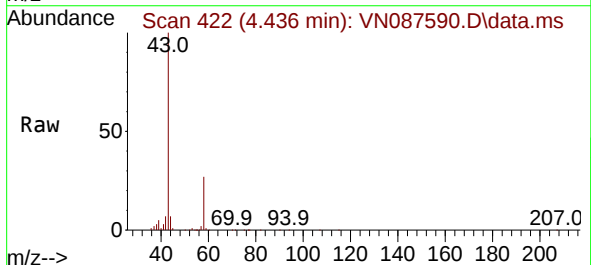
Instrument :
MSVOA_N
ClientSampleId :

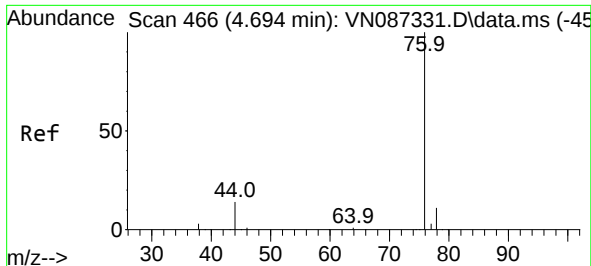
Tgt Ion: 56 Resp: 865
Ion Ratio Lower Upper
56 100
55 72.6 56.2 84.4



#16
Acetone
Concen: 103.959 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

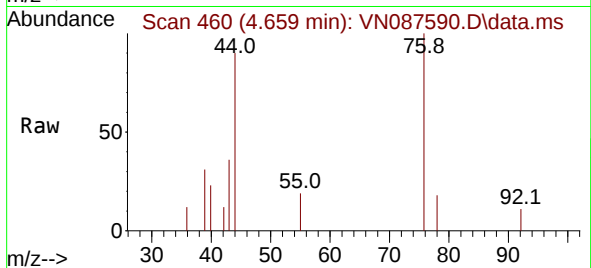
Tgt Ion: 43 Resp: 248965
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5



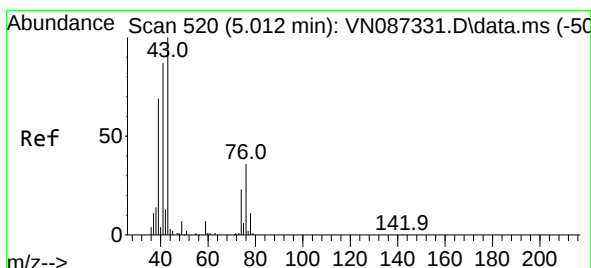
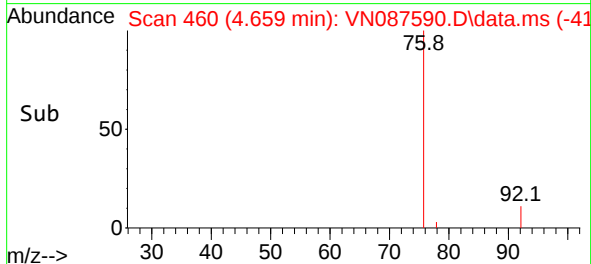
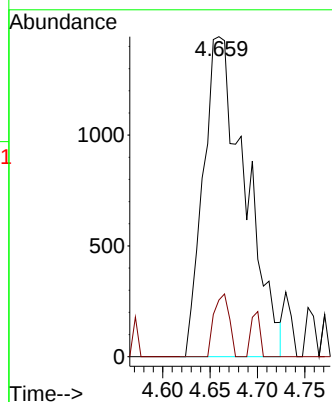


#17
Carbon Disulfide
Concen: 0.436 ug/l
RT: 4.659 min Scan# 41
Delta R.T. -0.035 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Instrument :
MSVOA_N
ClientSampleId :

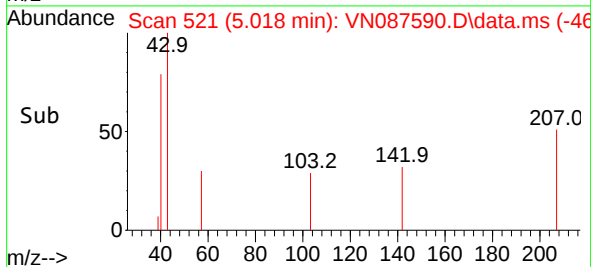
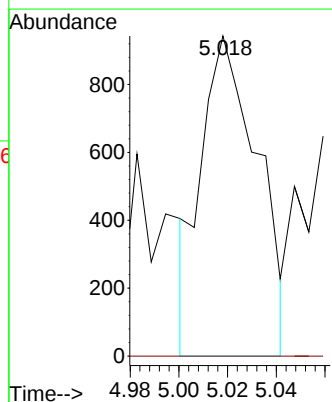
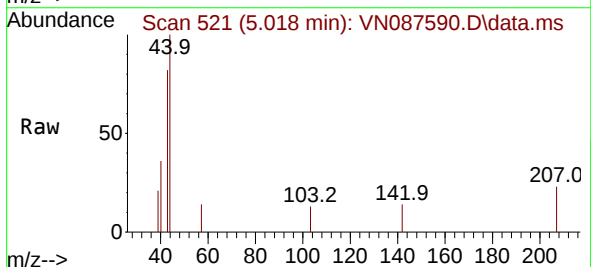


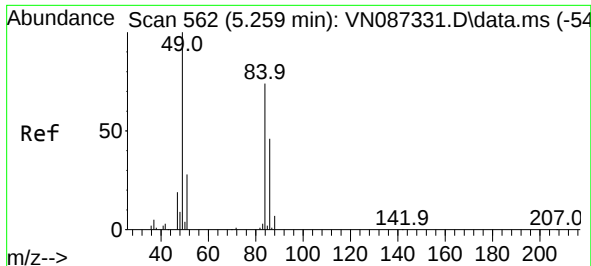
Tgt Ion: 76 Resp: 4445
Ion Ratio Lower Upper
76 100
78 17.7 8.6 13.0#



#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

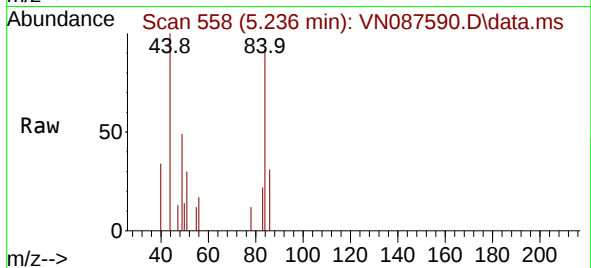
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.6#



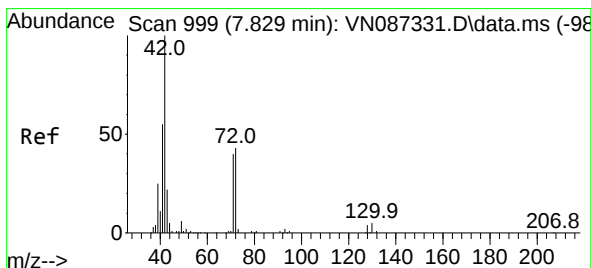
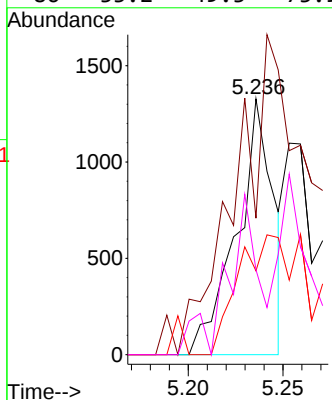
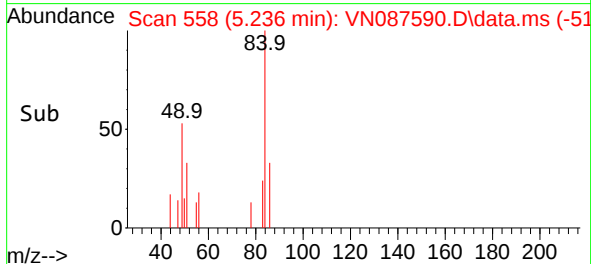


#20
Methylene Chloride
Concen: Below Cal
RT: 5.236 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Instrument :
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ClientSampleId :

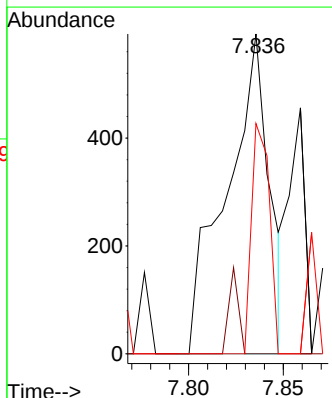
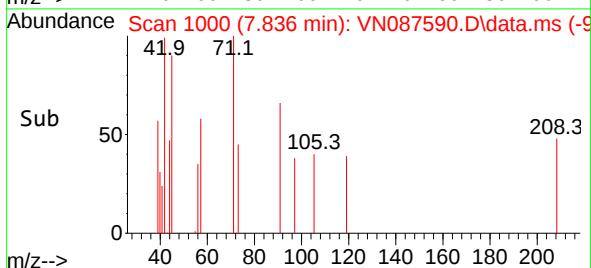
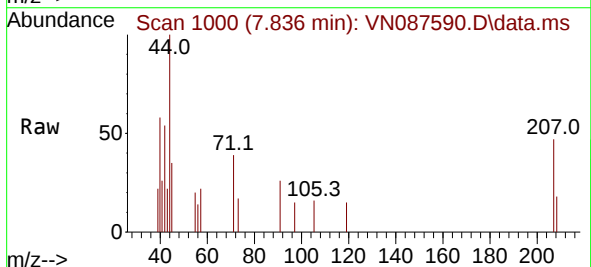


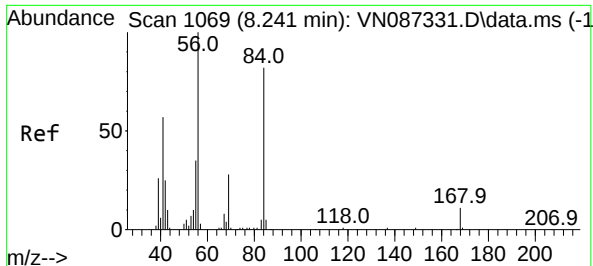
Tgt Ion: 84 Resp: 1780
Ion Ratio Lower Upper
84 100
49 53.3 107.5 161.3#
51 17.5 30.2 45.2#
86 33.2 49.3 73.9#



#29
Tetrahydrofuran
Concen: 0.387 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

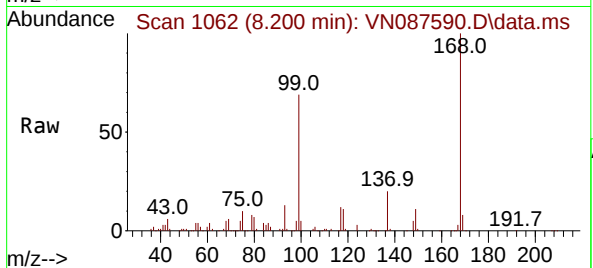
Tgt Ion: 42 Resp: 931
Ion Ratio Lower Upper
42 100
72 6.0 33.4 50.0#
71 30.1 31.2 46.8#



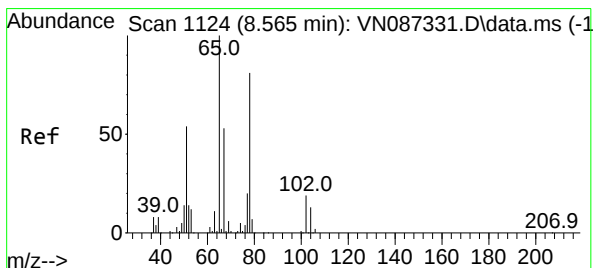
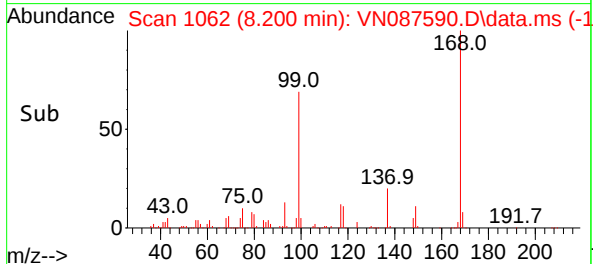
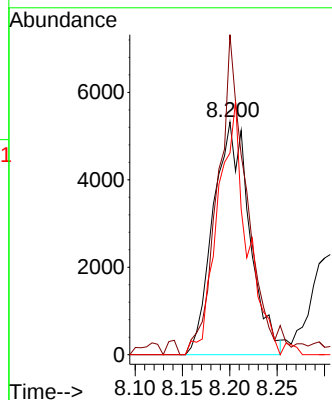


#31
Cyclohexane
Concen: 2.265 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.041 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

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ClientSampleId :

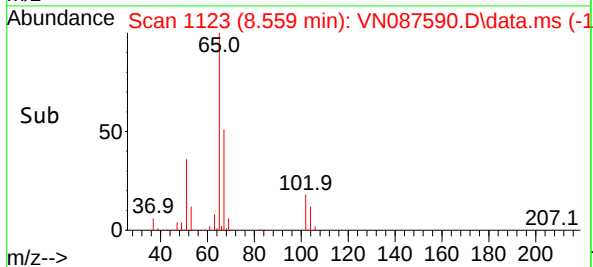
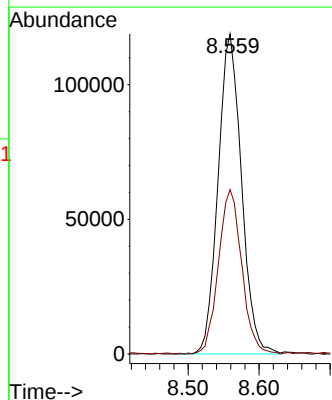
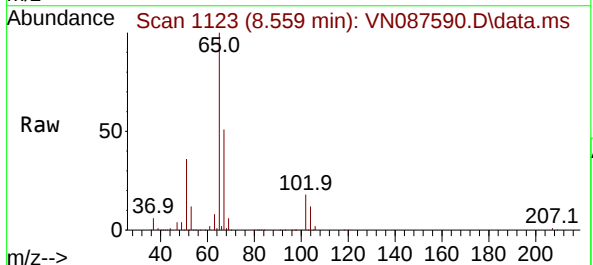


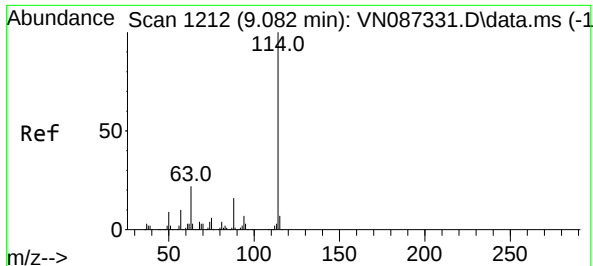
Tgt Ion: 56 Resp: 14221
Ion Ratio Lower Upper
56 100
69 137.5 22.7 34.1#
84 86.6 65.8 98.6



#33
1,2-Dichloroethane-d4
Concen: 53.160 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 65 Resp: 271521
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

Instrument :

MSVOA_N

ClientSampleId :

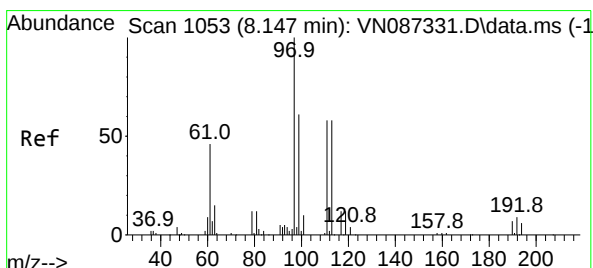
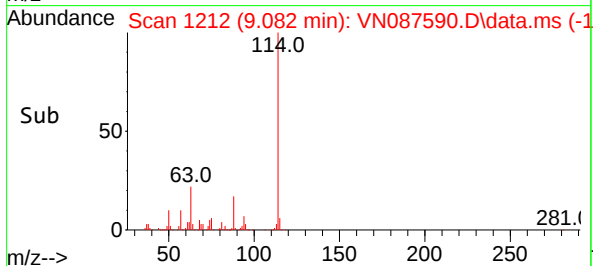
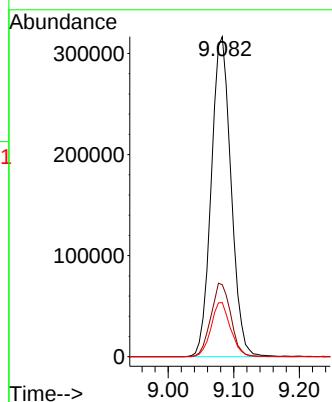
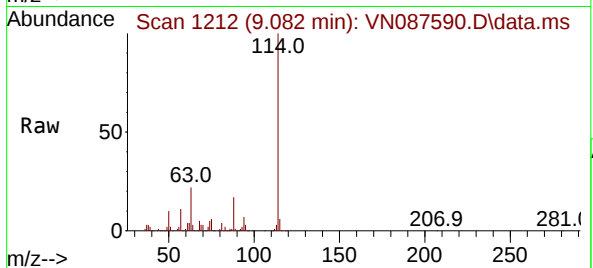
Tgt Ion:114 Resp: 663766

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 41.616 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

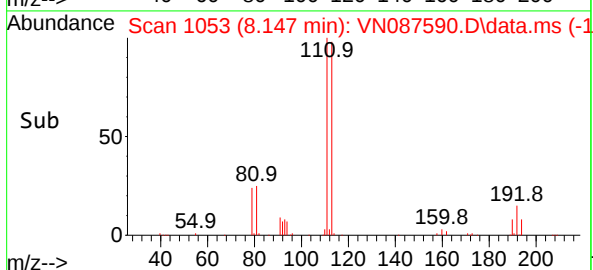
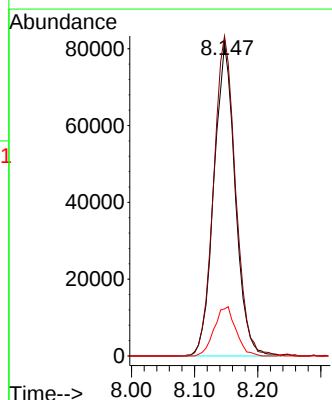
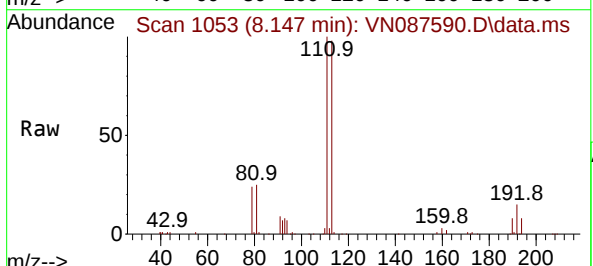
Tgt Ion:113 Resp: 190545

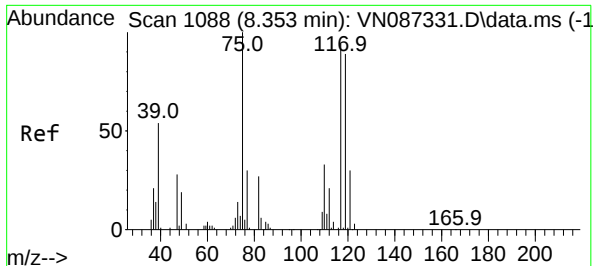
Ion Ratio Lower Upper

113 100

111 105.3 82.5 123.7

192 16.0 13.7 20.5





#36

1,1-Dichloropropene

Concen: 5.056 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN087590.D

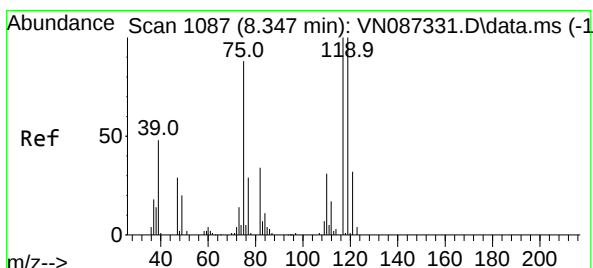
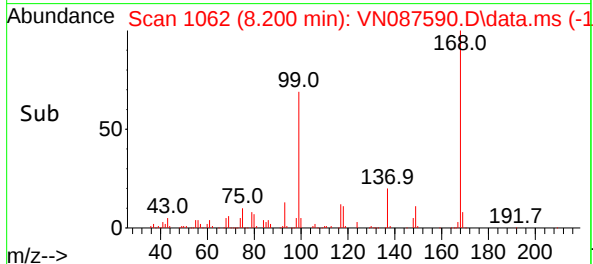
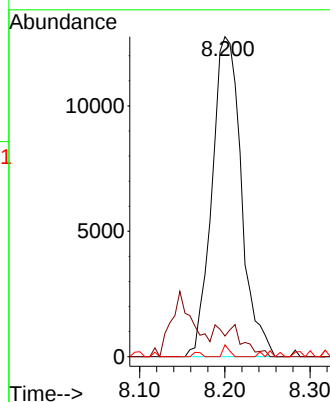
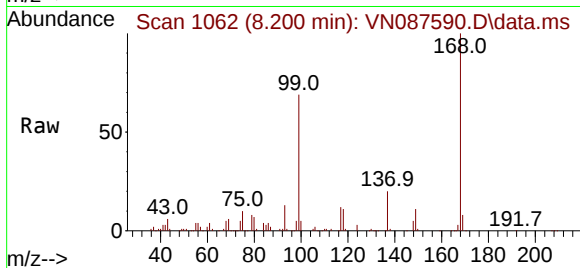
Acq: 15 Aug 2025 18:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	30584
Ion	Ratio	Lower	Upper
75	100		
110	1.6	16.7	50.1#
77	0.8	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.377 ug/l

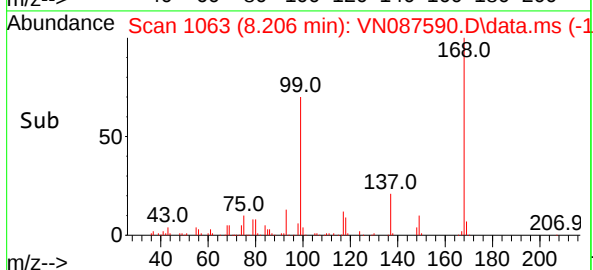
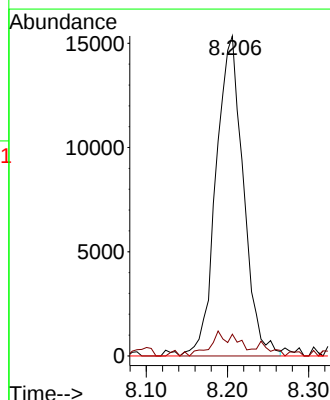
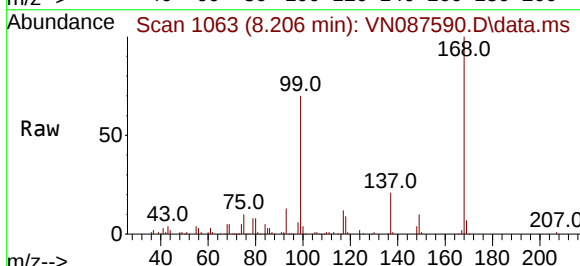
RT: 8.206 min Scan# 1063

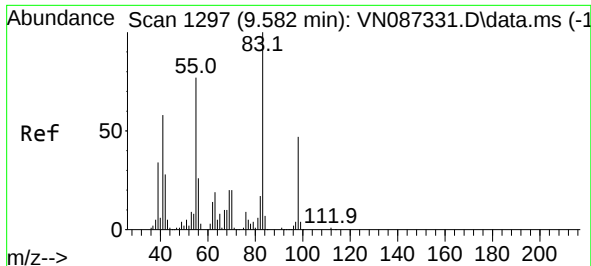
Delta R.T. -0.141 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

Tgt Ion:	117	Resp:	35828
Ion	Ratio	Lower	Upper
117	100		
119	6.8	80.2	120.2#
121	0.0	25.4	38.2#





#39

Methylcyclohexane

Concen: 0.560 ug/l

RT: 9.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087590.D

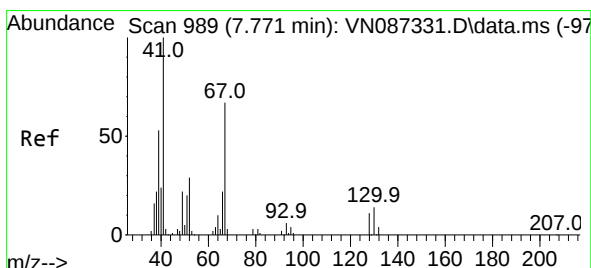
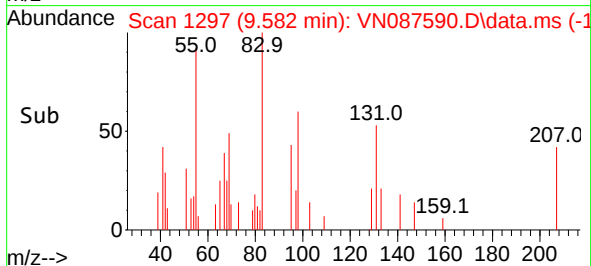
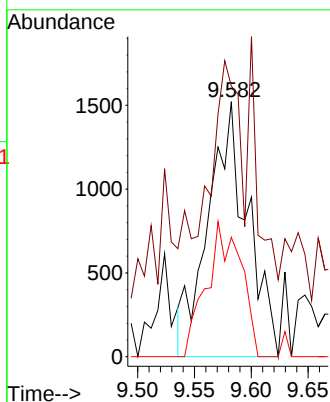
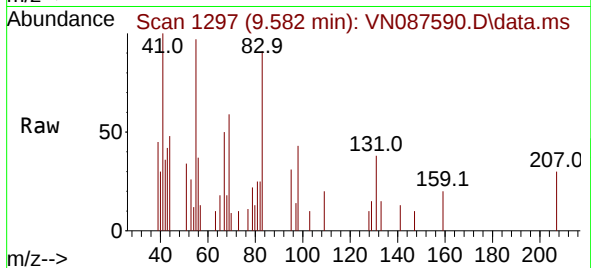
Acq: 15 Aug 2025 18:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	3668
Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.3	91.9
98	46.8	37.9	56.9



#41

Methacrylonitrile

Concen: 0.215 ug/l

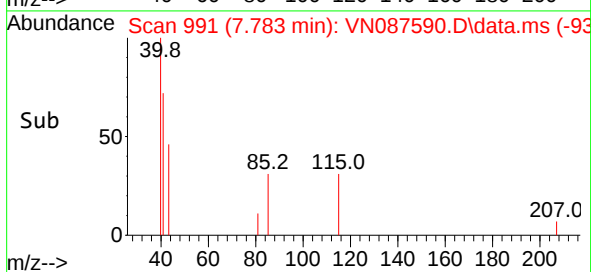
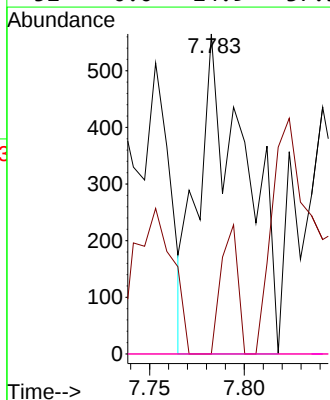
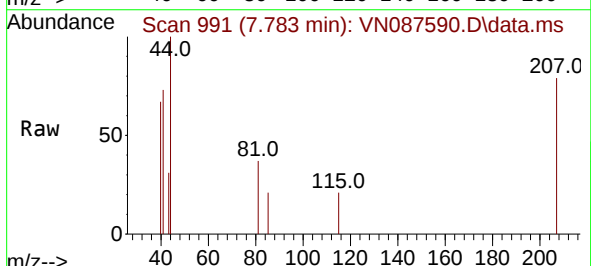
RT: 7.783 min Scan# 991

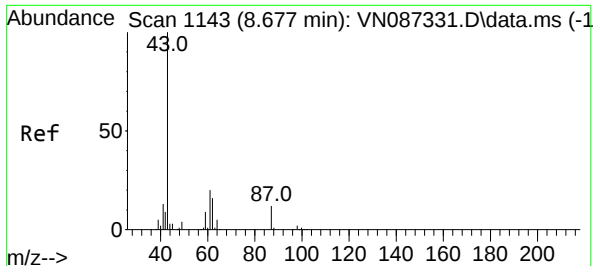
Delta R.T. 0.012 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

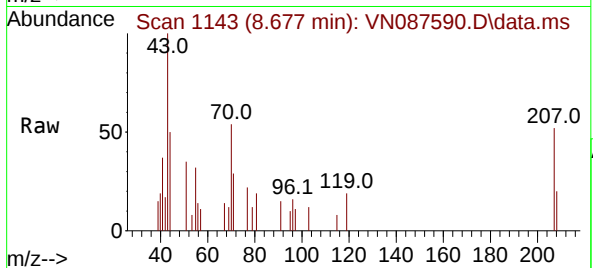
Tgt Ion:	41	Resp:	982
Ion	Ratio	Lower	Upper
41	100		
39	14.4	43.4	65.0#
67	0.0	55.1	82.7#
52	0.0	24.9	37.3#



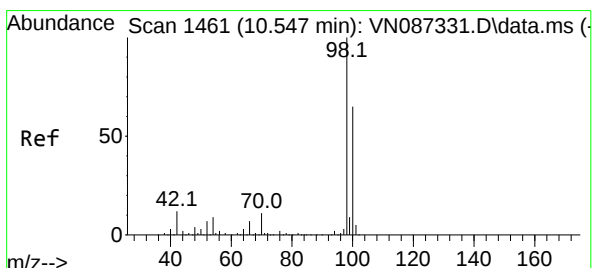
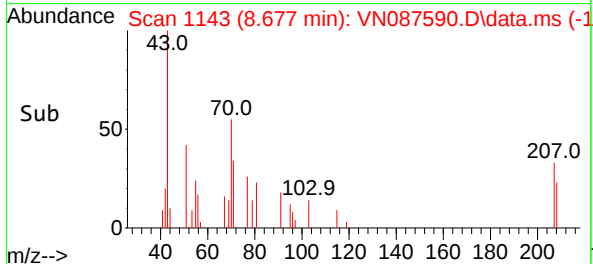
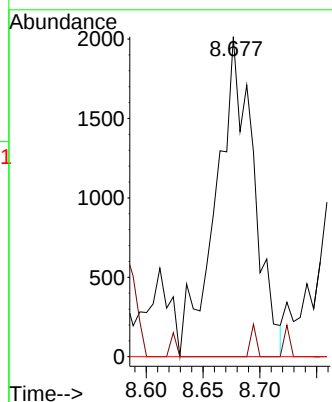


#43
Isopropyl Acetate
Concen: 0.340 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Instrument :
MSVOA_N
ClientSampleId :

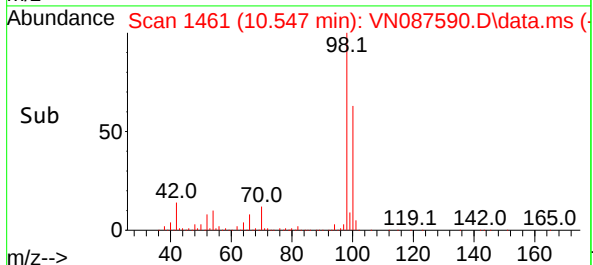
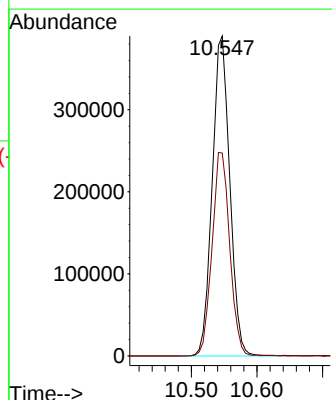
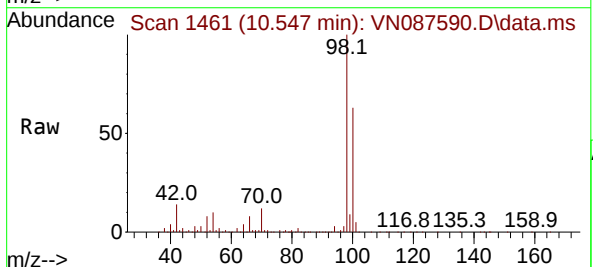


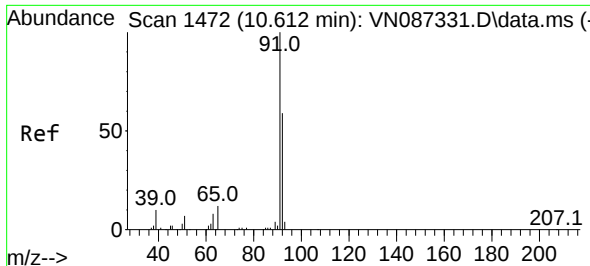
Tgt Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
61 0.0 19.8 29.8#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 44.333 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 98 Resp: 724080
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

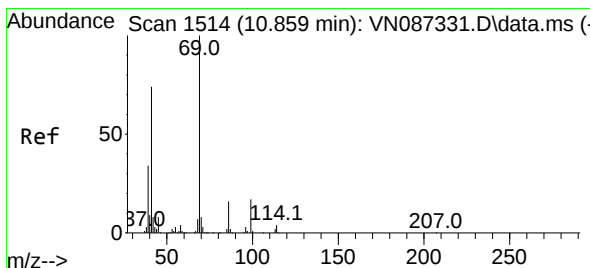
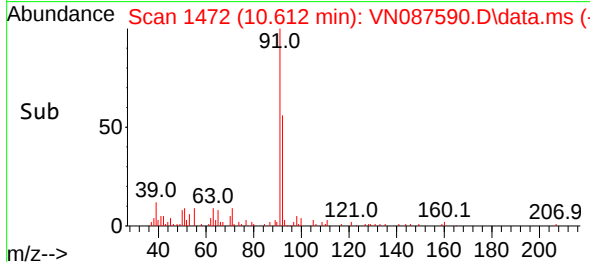
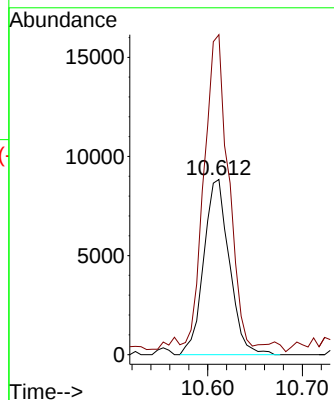
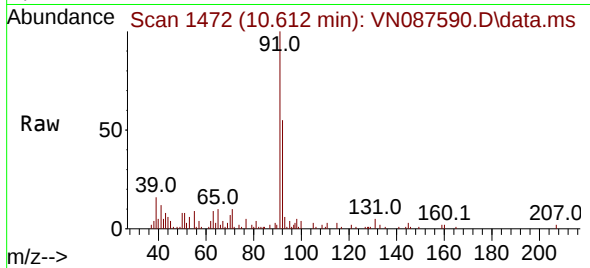




#52
Toluene
Concen: 1.398 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

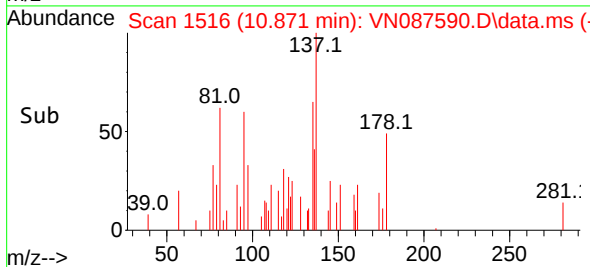
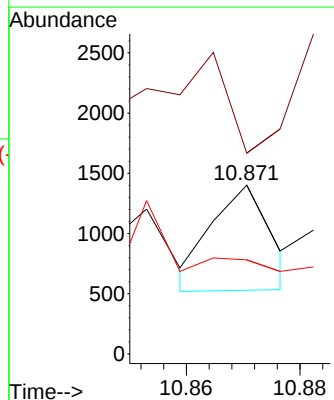
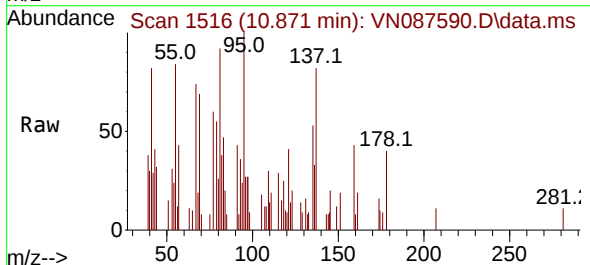
Instrument :
MSVOA_N
ClientSampleId :

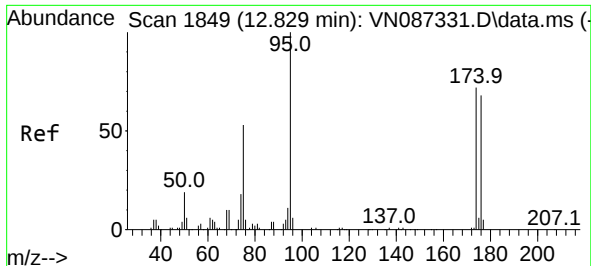
Tgt Ion: 92 Resp: 16619
Ion Ratio Lower Upper
92 100
91 174.7 135.1 202.7



#56
Ethyl methacrylate
Concen: 0.714 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.012 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 69 Resp: 629
Ion Ratio Lower Upper
69 100
41 262.6 55.1 82.7#
39 0.0 27.9 41.9#

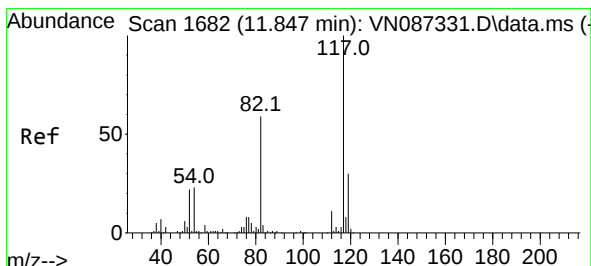
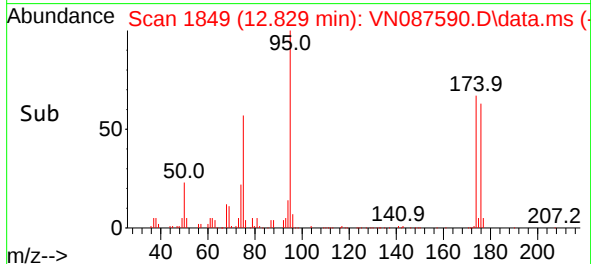
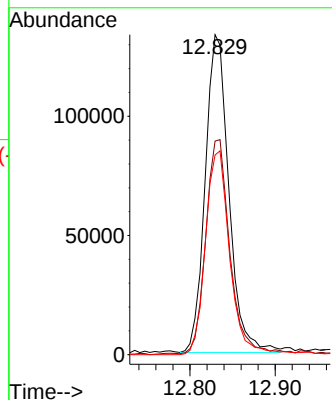
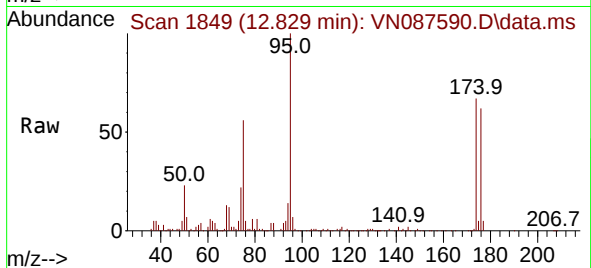




#62
4-Bromofluorobenzene
Concen: 42.653 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

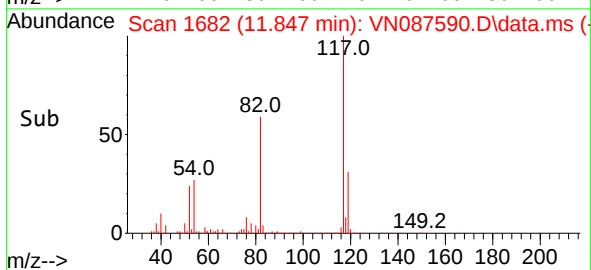
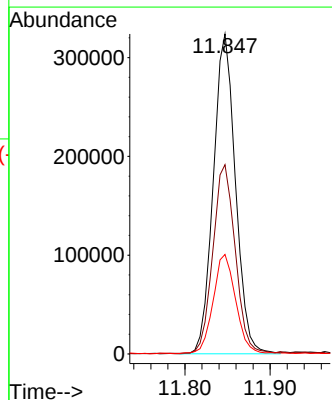
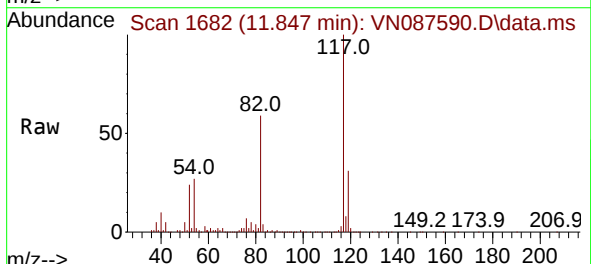
Instrument :
MSVOA_N
ClientSampleId :

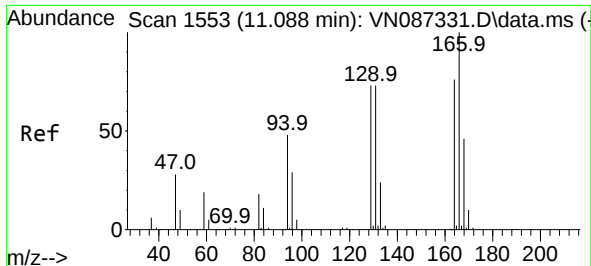
Tgt Ion: 95 Resp: 257371
Ion Ratio Lower Upper
95 100
174 68.3 0.0 149.4
176 65.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

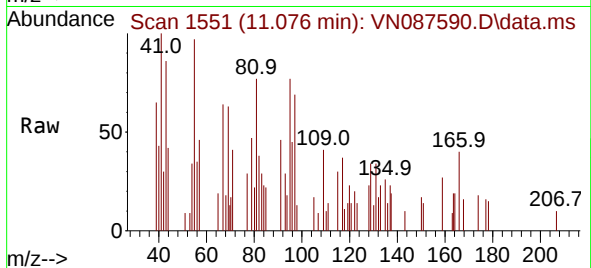
Tgt Ion: 117 Resp: 584709
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.0 23.8 35.8



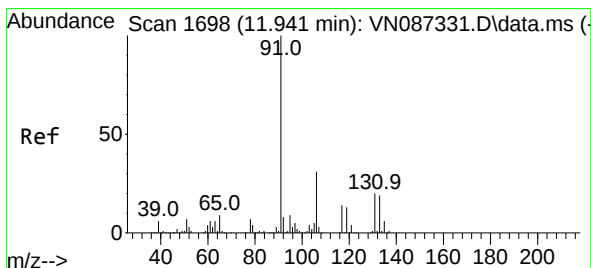
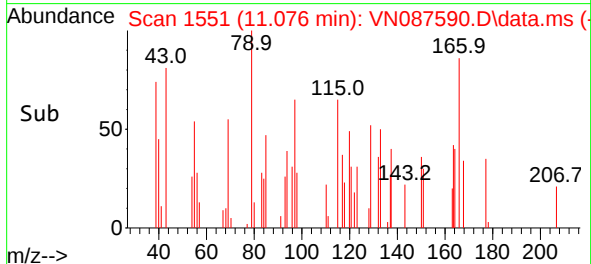
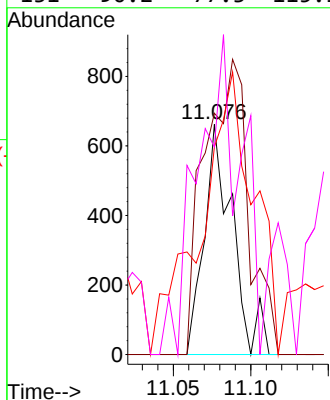


#64
Tetrachloroethene
Concen: 0.223 ug/l
RT: 11.076 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Instrument :
MSVOA_N
ClientSampleId :

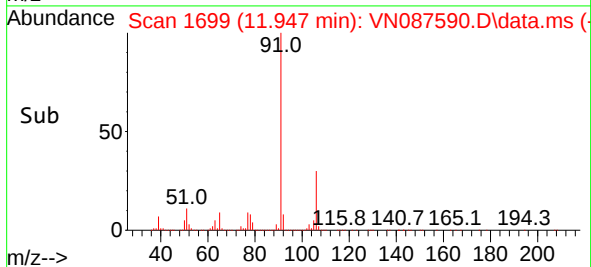
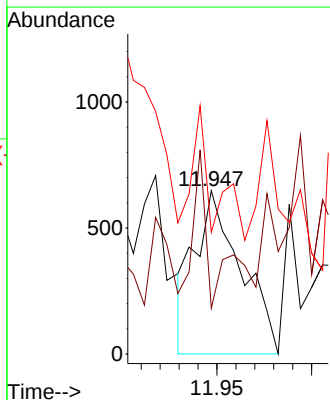
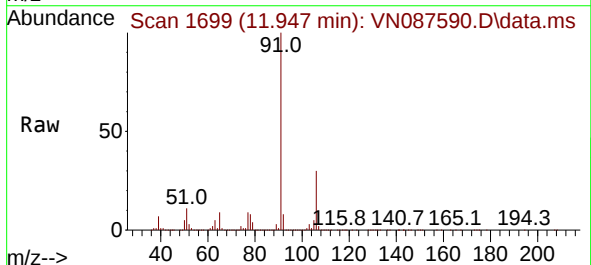


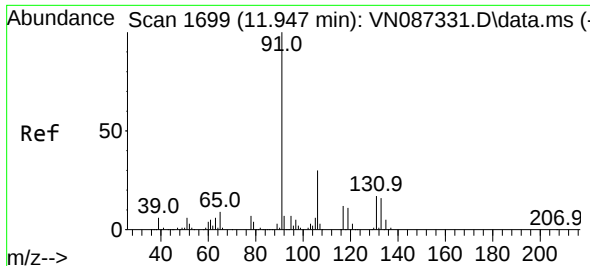
Tgt Ion:164 Resp: 838
Ion Ratio Lower Upper
164 100
166 104.8 105.5 158.3#
129 90.2 77.4 116.2
131 90.2 77.3 115.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.247 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion:131 Resp: 1101
Ion Ratio Lower Upper
131 100
133 39.2 47.4 142.3#
119 0.0 33.1 99.2#

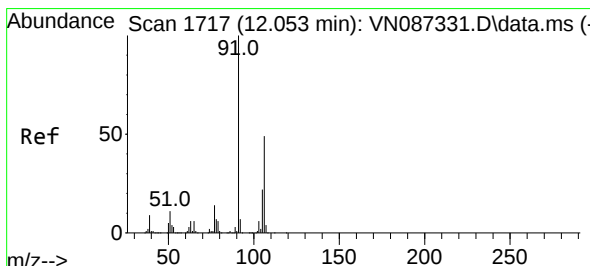
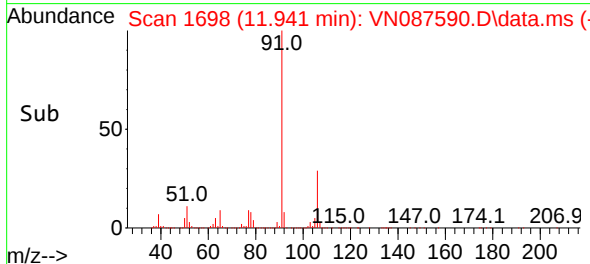
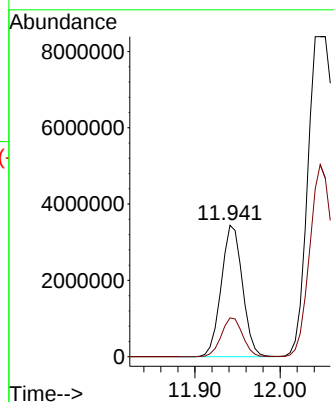
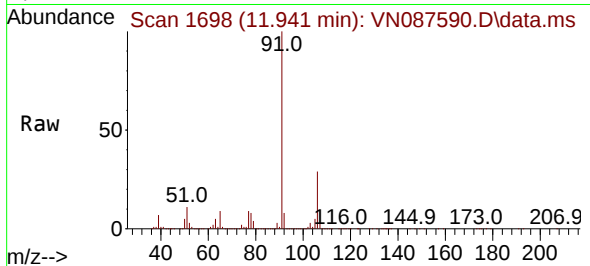




#67
Ethyl Benzene
Concen: 276.072 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

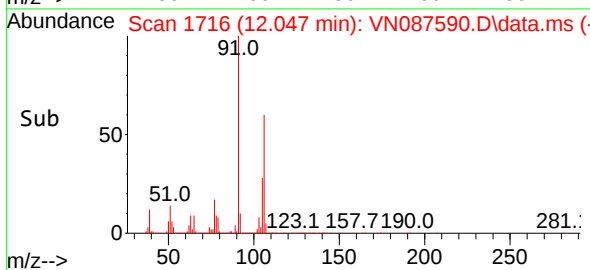
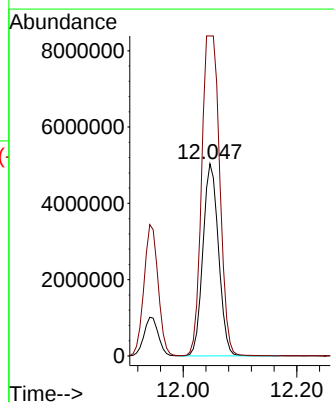
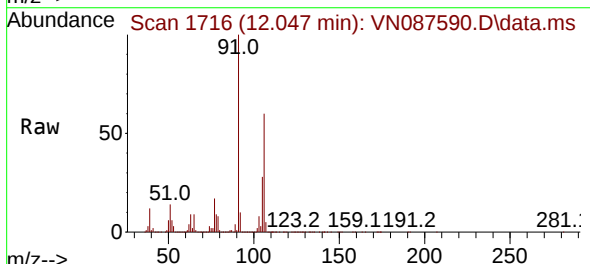
Instrument :
MSVOA_N
ClientSampleId :

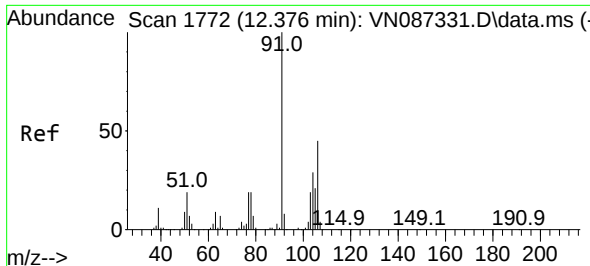
Tgt Ion: 91 Resp: 5966070
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5



#68
m/p-Xylenes
Concen: 1181.833 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion:106 Resp: 9563780
Ion Ratio Lower Upper
106 100
91 192.5 162.0 243.0

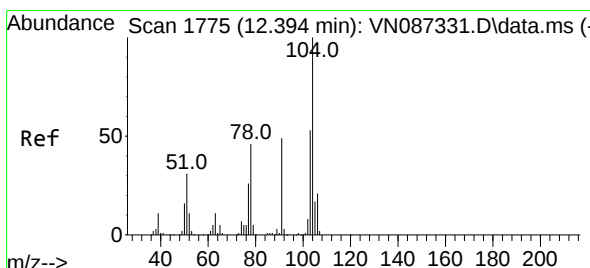
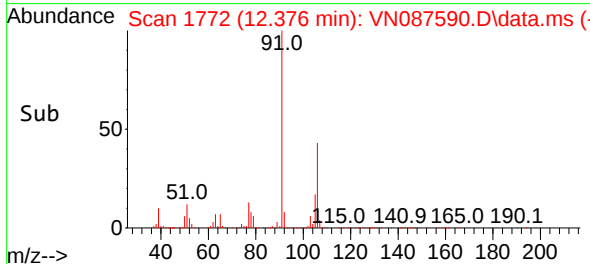
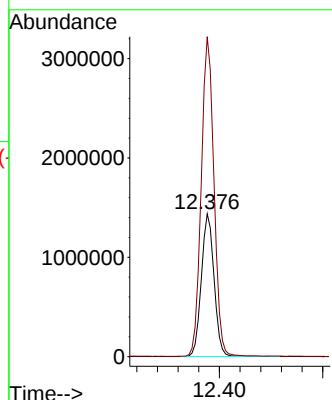
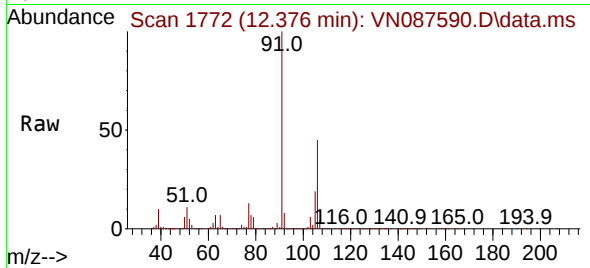




#69
o-Xylene
Concen: 317.146 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

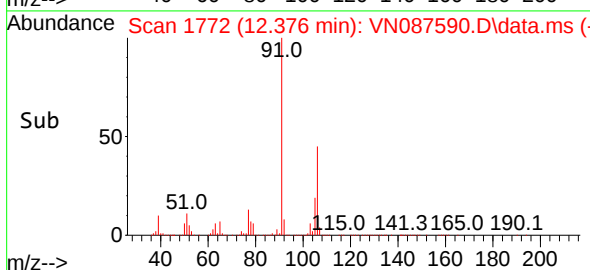
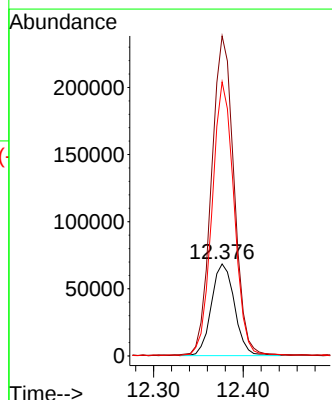
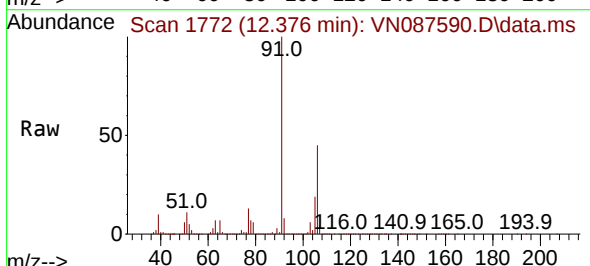
Instrument :
MSVOA_N
ClientSampleId :

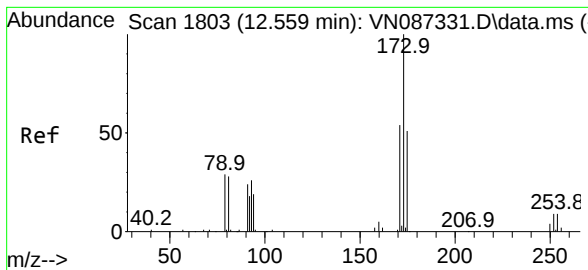
Tgt Ion:106 Resp: 2451534
Ion Ratio Lower Upper
106 100
91 224.0 107.7 323.3



#70
Styrene
Concen: 9.405 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion:104 Resp: 122300
Ion Ratio Lower Upper
104 100
78 338.6 41.0 61.6#
103 282.8 43.9 65.9#





#71

Bromoform

Concen: 0.203 ug/l

RT: 12.571 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN087590.D

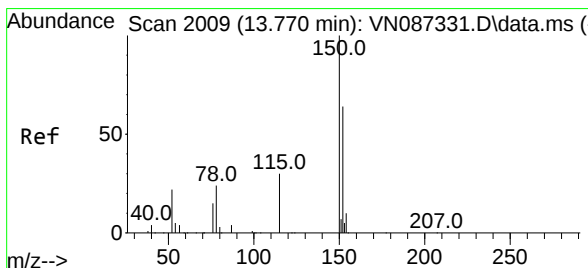
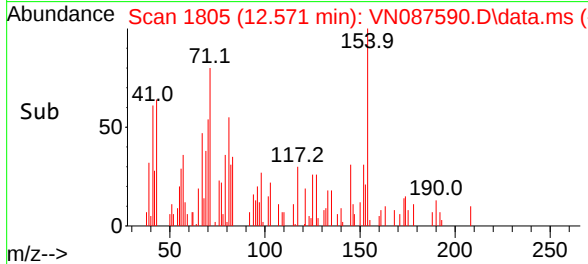
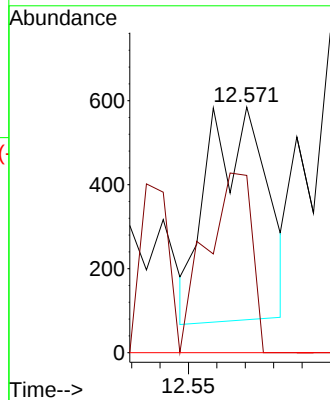
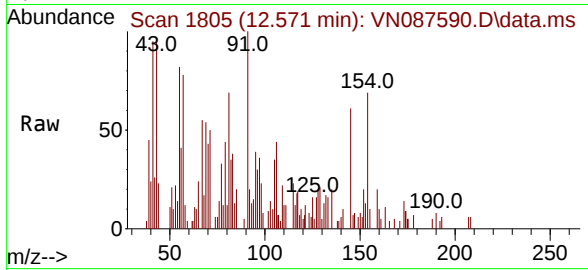
Acq: 15 Aug 2025 18:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	732
Ion Ratio	Lower	Upper
173	100	
175	65.2	24.1 72.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

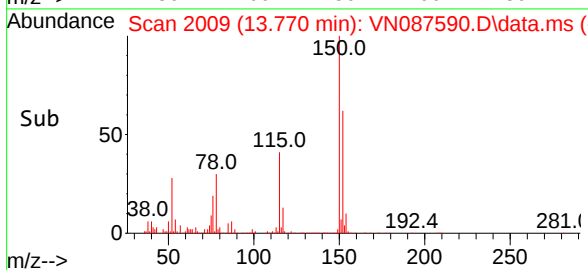
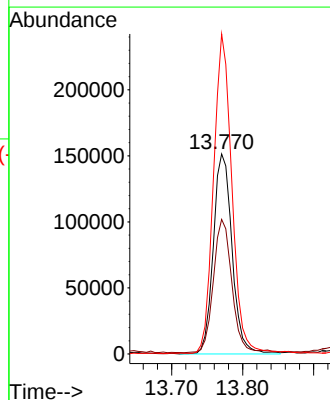
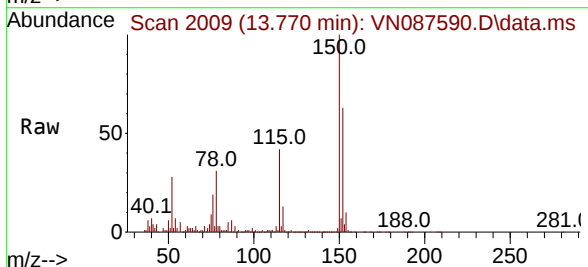
RT: 13.770 min Scan# 2009

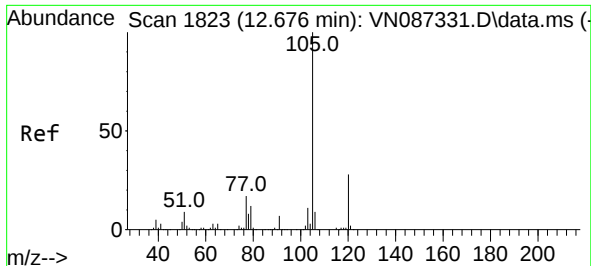
Delta R.T. 0.000 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

Tgt Ion:152	Resp:	277911
Ion Ratio	Lower	Upper
152	100	
115	64.8	31.1 93.5
150	155.0	0.0 349.0

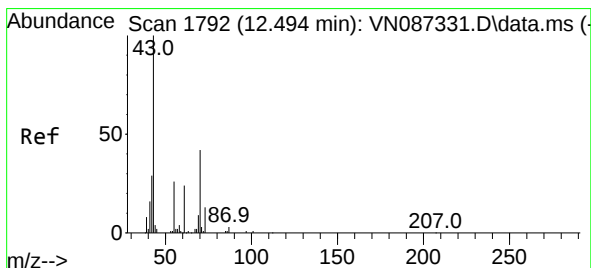
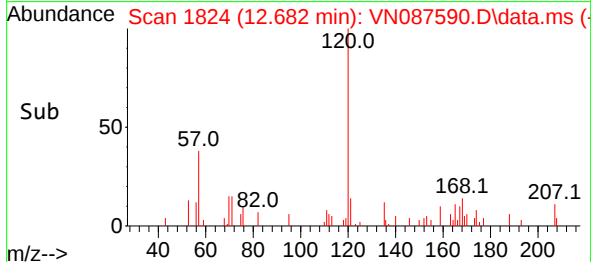
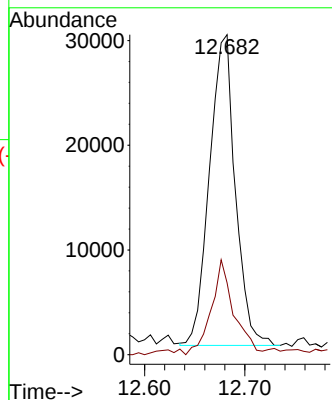
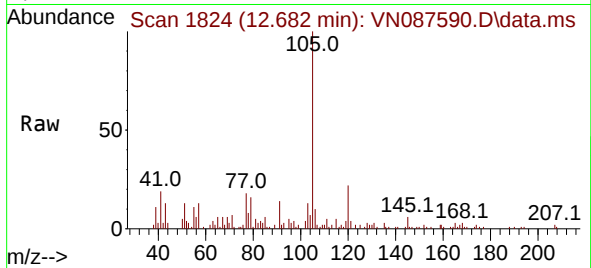




#73
Isopropylbenzene
Concen: 3.041 ug/l
RT: 12.682 min Scan# 1824
Delta R.T. 0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

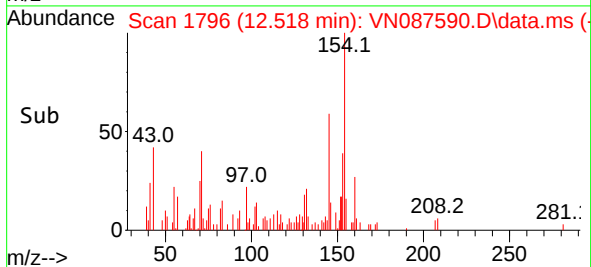
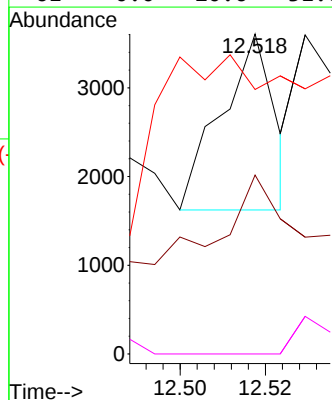
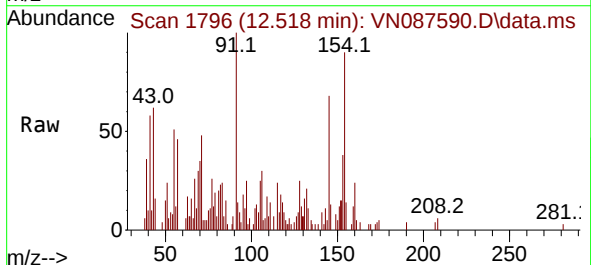
Instrument :
MSVOA_N
ClientSampleId :

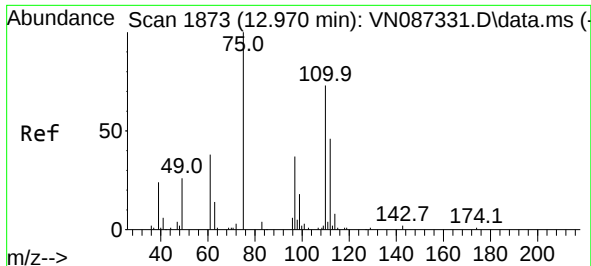
Tgt Ion:105 Resp: 53195
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 0.239 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.024 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
70 108.9 37.6 56.4#
55 252.4 19.6 29.4#
61 0.0 20.6 31.0#

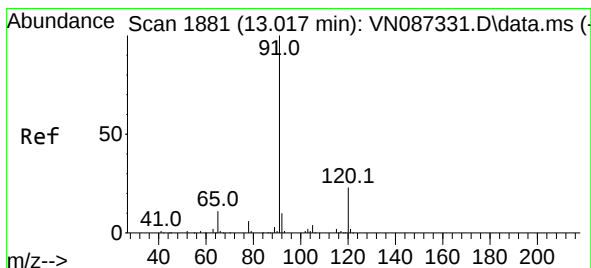
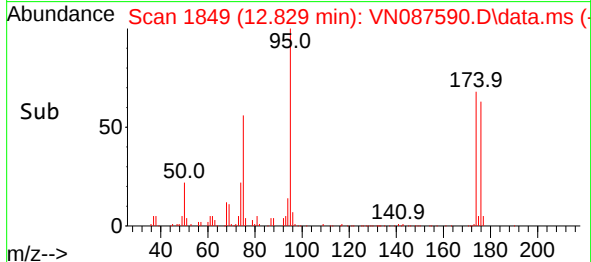
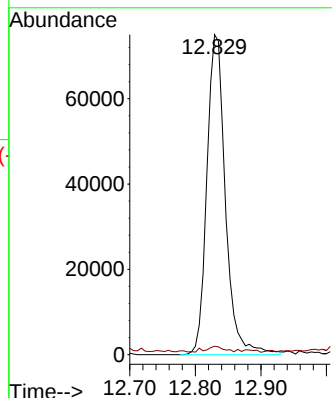
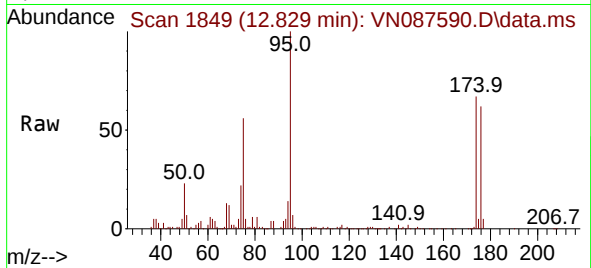




#76
1,2,3-Trichloropropane
Concen: 23.697 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

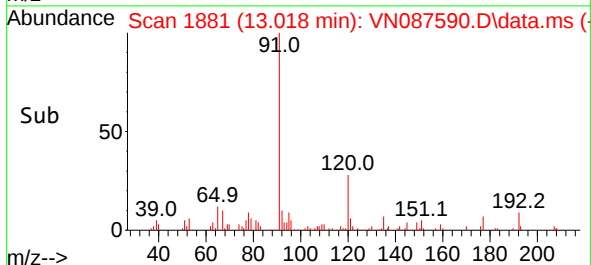
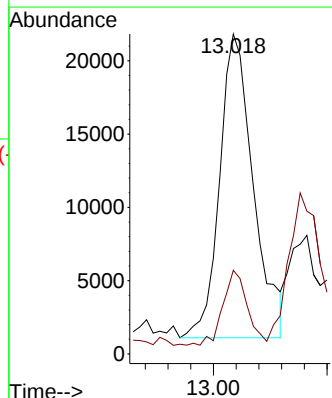
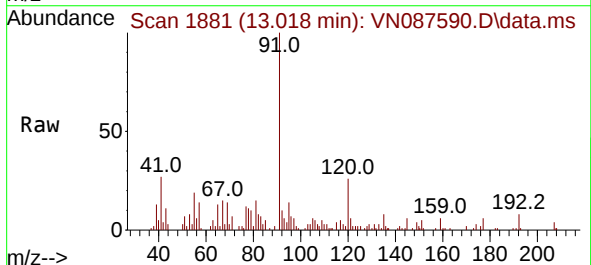
Instrument :
MSVOA_N
ClientSampleId :

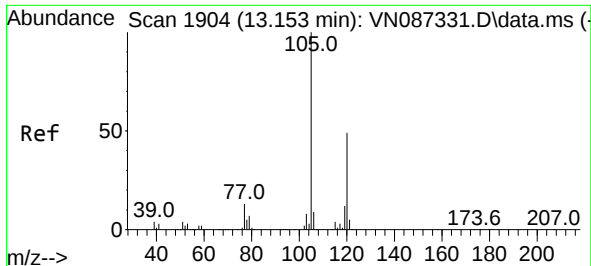
Tgt Ion: 75 Resp: 147681
Ion Ratio Lower Upper
75 100
77 1.7 94.5 283.6#



#78
n-propylbenzene
Concen: 1.937 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 91 Resp: 42633
Ion Ratio Lower Upper
91 100
120 20.3 11.3 33.8

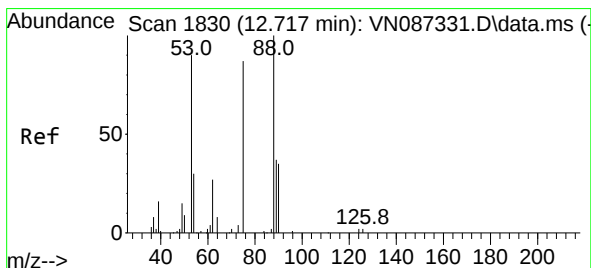
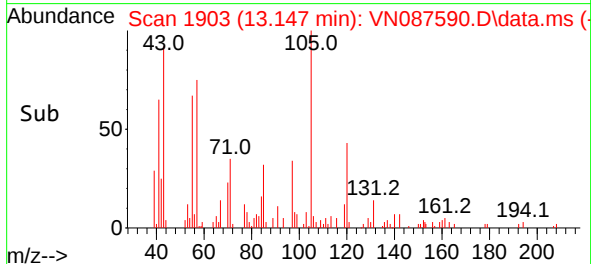
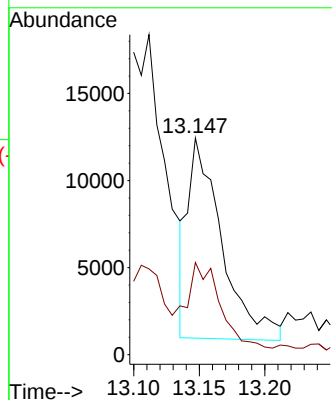
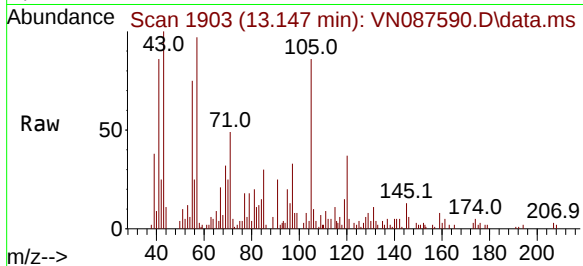




#80
1,3,5-Trimethylbenzene
Concen: 1.383 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

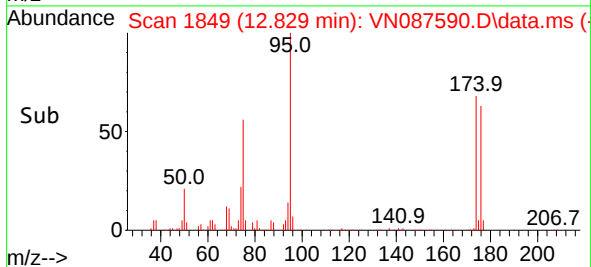
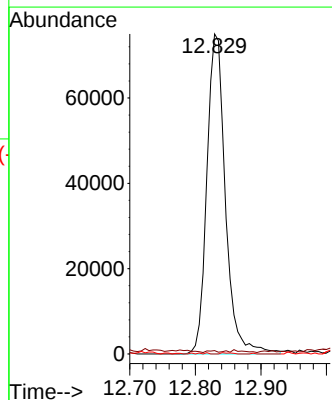
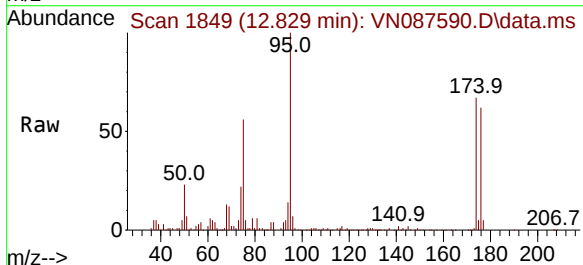
Instrument :
MSVOA_N
ClientSampleId :

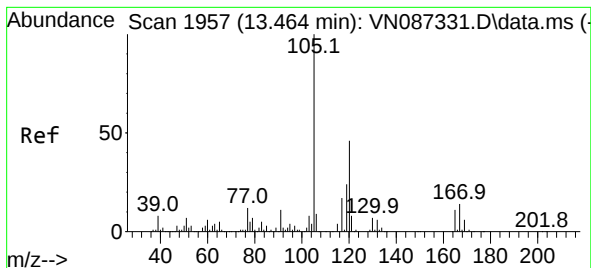
Tgt Ion:105 Resp: 20615
Ion Ratio Lower Upper
105 100
120 42.4 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 64.840 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 75 Resp: 147681
Ion Ratio Lower Upper
75 100
53 0.4 83.5 125.3#
89 0.2 38.4 57.6#





#84

1,2,4-Trimethylbenzene

Concen: 3.855 ug/l

RT: 13.465 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

Instrument :

MSVOA_N

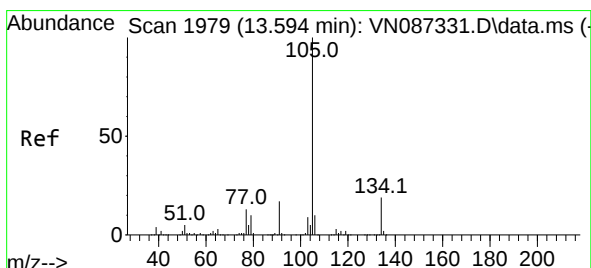
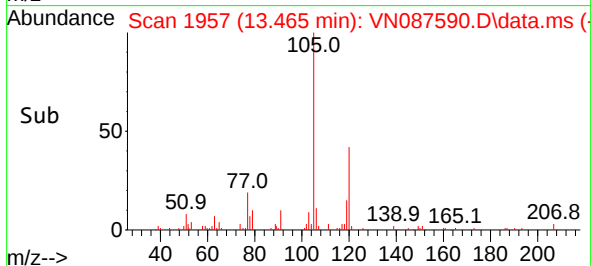
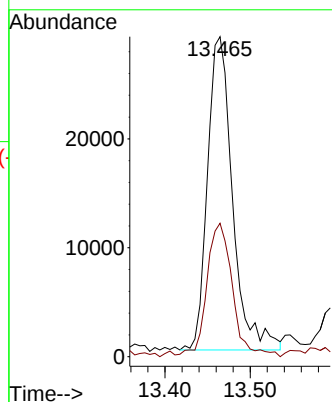
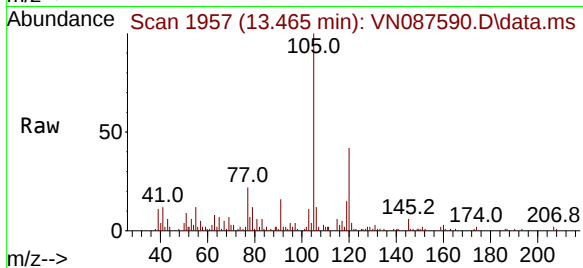
ClientSampleId :

Tgt Ion:105 Resp: 58675

Ion Ratio Lower Upper

105 100

120 43.6 22.8 68.3



#85

sec-Butylbenzene

Concen: 0.375 ug/l

RT: 13.600 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VN087590.D

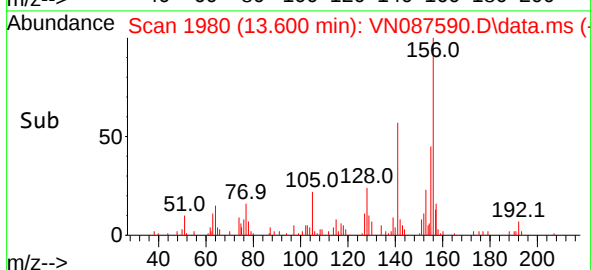
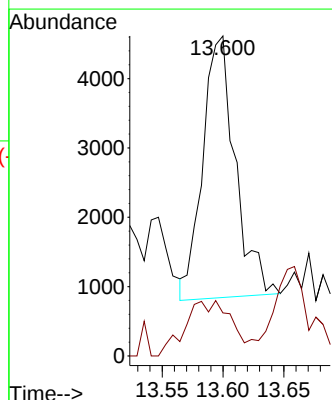
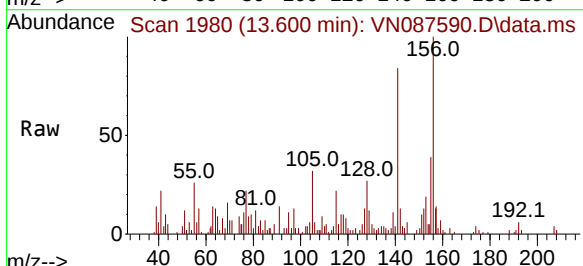
Acq: 15 Aug 2025 18:12

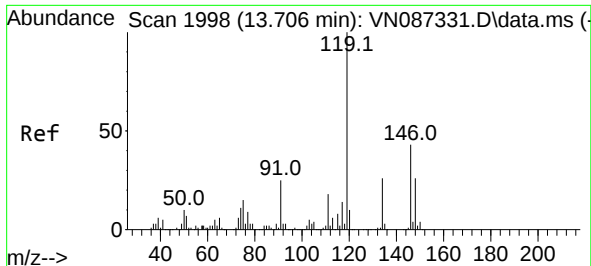
Tgt Ion:105 Resp: 7033

Ion Ratio Lower Upper

105 100

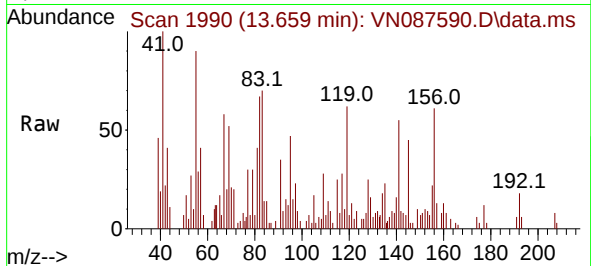
134 31.9 9.8 29.4#



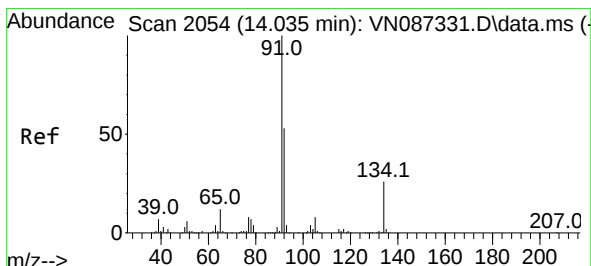
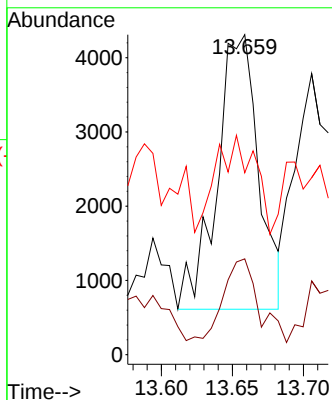
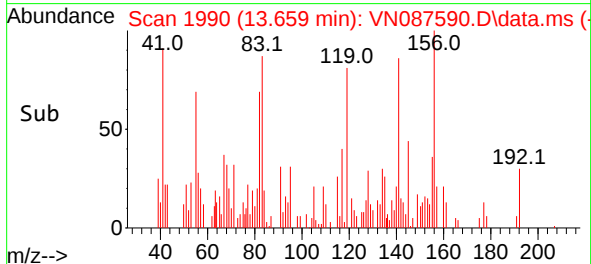


#86
p-Isopropyltoluene
Concen: 0.502 ug/l
RT: 13.659 min Scan# 1990
Delta R.T. -0.047 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Instrument :
MSVOA_N
ClientSampleId :

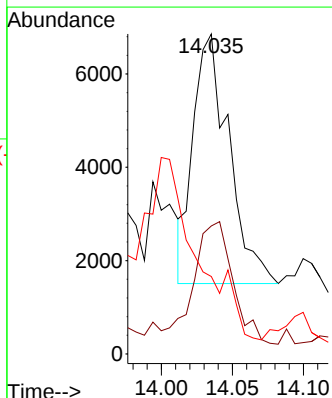
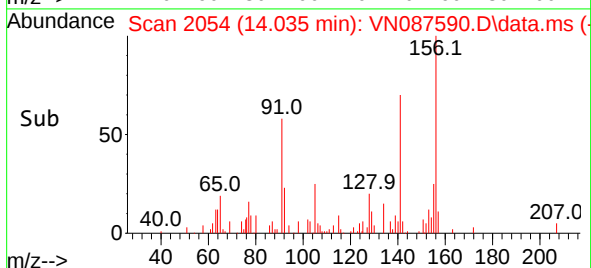
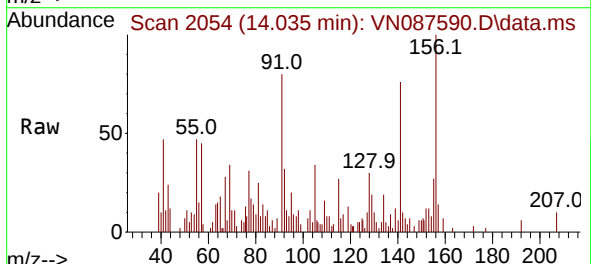


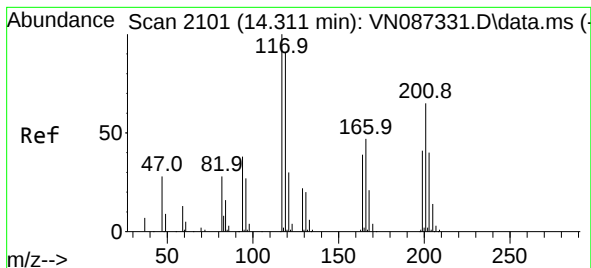
Tgt Ion:119 Resp: 7546
Ion Ratio Lower Upper
119 100
134 25.3 13.5 40.5
91 34.1 12.2 36.6



#89
n-Butylbenzene
Concen: 0.651 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087590.D
Acq: 15 Aug 2025 18:12

Tgt Ion: 91 Resp: 9339
Ion Ratio Lower Upper
91 100
92 57.2 26.2 78.6
134 0.0 12.4 37.2#





#90

Hexachloroethane

Concen: 0.868 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

Instrument :

MSVOA_N

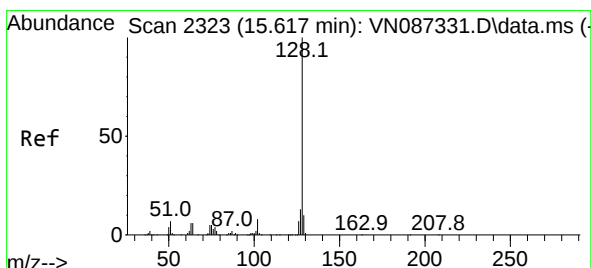
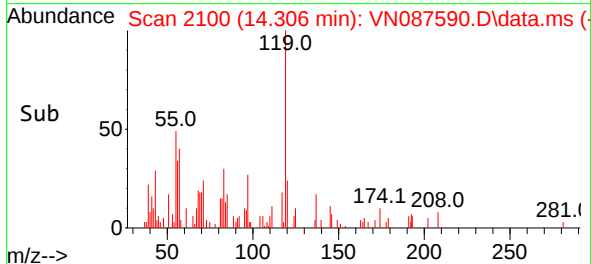
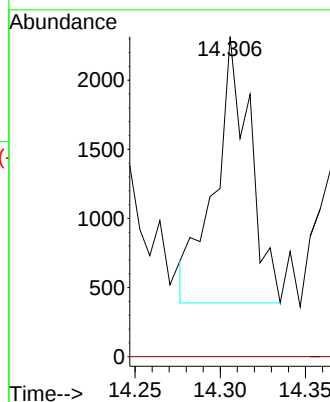
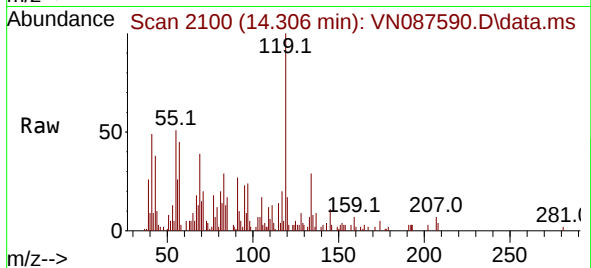
ClientSampleId :

Tgt Ion:117 Resp: 2763

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.4#



#95

Naphthalene

Concen: 0.734 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087590.D

Acq: 15 Aug 2025 18:12

Tgt Ion:128 Resp: 12890

Ion Ratio Lower Upper

128 100

127 20.5 10.5 15.7#

129 6.8 8.4 12.6#

