

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087643.D
 Acq On : 22 Aug 2025 15:47
 Operator : JC\MD
 Sample : Q2936-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19B-082125

Quant Time: Aug 25 01:22:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	165286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	419366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	365004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	189102	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	248548	73.393	ug/l	0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	146.780%#
35) Dibromofluoromethane	8.147	113	134751	44.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.000%
50) Toluene-d8	10.547	98	524077	46.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.829	95	190613	47.296	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.600%
Target Compounds						Qvalue
3) Chloromethane	2.512	50	45858	19.009	ug/l #	77
4) Vinyl Chloride	2.542	62	7517	2.687	ug/l #	69
8) Diethyl Ether	3.959	74	511	0.286	ug/l #	46
10) Methyl Iodide	4.589	142	55	6.838	ug/l #	38
11) Tert butyl alcohol	5.524	59	14635	24.893	ug/l	95
13) Acrolein	4.183	56	473	0.654	ug/l #	14
16) Acetone	4.430	43	6614	3.588	ug/l #	75
17) Carbon Disulfide	4.712	76	5794	0.883	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	14902	1.667	ug/l	97
20) Methylene Chloride	5.265	84	80	Below Cal	#	5
21) trans-1,2-Dichloroethene	5.783	96	12654	4.900	ug/l #	74
24) 1,1-Dichloroethane	6.553	63	1960	0.384	ug/l #	82
25) 2-Butanone	7.453	43	892	0.368	ug/l #	50
27) cis-1,2-Dichloroethene	7.465	96	829	0.268	ug/l	43
29) Tetrahydrofuran	7.841	42	6021	3.857	ug/l #	64
31) Cyclohexane	8.212	56	8920	2.094	ug/l #	50
36) 1,1-Dichloropropene	8.600	75	4305495	926.902	ug/l #	44
38) Carbon Tetrachloride	8.206	117	19906	4.340	ug/l #	16
39) Methylcyclohexane	9.583	83	3881	0.759	ug/l #	65
42) 1,2-Dichloroethane	8.594	62	1925207	351.646	ug/l	76
48) Methyl methacrylate	9.647	41	2205	0.470	ug/l #	32
49) 1,4-Dioxane	9.677	88	79	1.300	ug/l #	13
51) 4-Methyl-2-Pentanone	10.424	43	2620	0.438	ug/l #	85
52) Toluene	10.606	92	335235	37.955	ug/l	98
53) t-1,3-Dichloropropene	10.606	75	4722	0.833	ug/l #	1
55) 1,1,2-Trichloroethane	10.859	97	21831	6.389	ug/l #	18
56) Ethyl methacrylate	10.865	69	1671	0.306	ug/l #	1
65) Chlorobenzene	12.024	112	35014	3.856	ug/l #	55
67) Ethyl Benzene	12.047	91	6244601	397.174	ug/l #	67
68) m/p-Xylenes	12.047	106	2960620	513.447	ug/l	100
69) o-Xylene	12.376	106	2019730	357.422	ug/l	99
70) Styrene	12.376	104	111217	11.748	ug/l #	1
73) Isopropylbenzene	12.671	105	1130458	73.980	ug/l	99
76) 1,2,3-Trichloropropane	13.082	75	7163	1.615	ug/l #	1
78) n-propylbenzene	13.012	91	318578	16.926	ug/l	99
79) 2-Chlorotoluene	13.106	91	140092	12.368	ug/l #	42

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

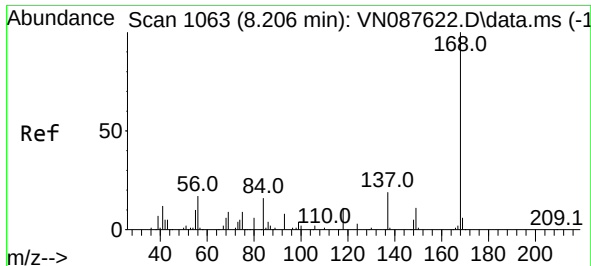
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.153	105	575383	44.387	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.671	75	16190	9.665	ug/l #	60
82) 4-Chlorotoluene	13.153	91	65401	5.492	ug/l #	43
83) tert-Butylbenzene	13.459	119	429794	39.788	ug/l #	55
84) 1,2,4-Trimethylbenzene	13.459	105	3547203	273.353	ug/l	100
85) sec-Butylbenzene	13.459	105	3546581	221.242	ug/l #	58
86) p-Isopropyltoluene	13.706	119	122559	9.259	ug/l #	70
89) n-Butylbenzene	13.976	91	9364087	712.290	ug/l #	44
90) Hexachloroethane	14.306	117	45179	17.915	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.700	75	15274	12.222	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.370	180	851	0.211	ug/l #	27
94) Hexachlorobutadiene	15.488	225	317	0.220	ug/l	71

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

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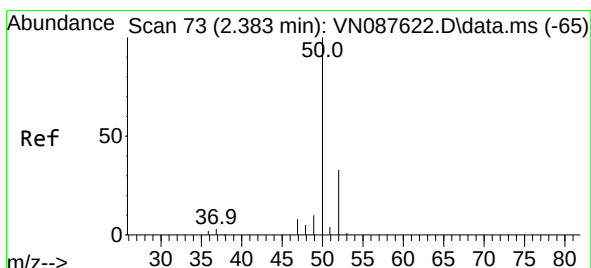
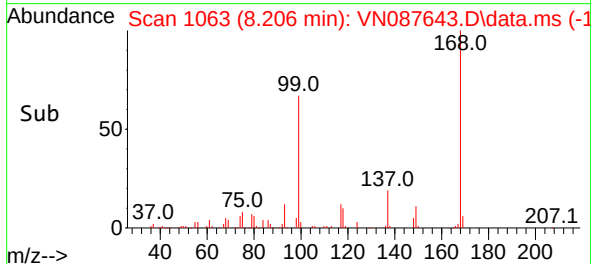
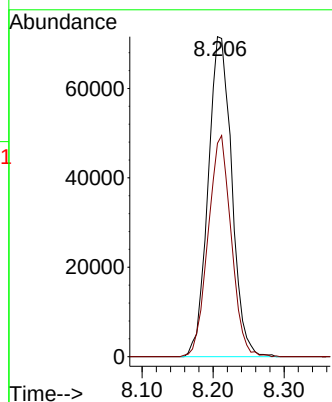
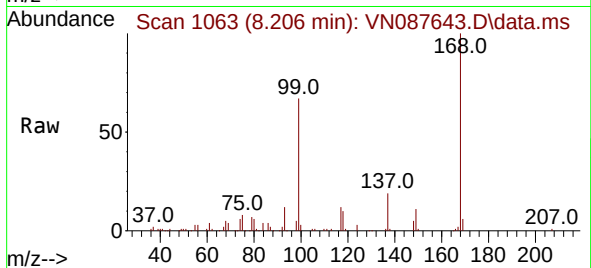




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

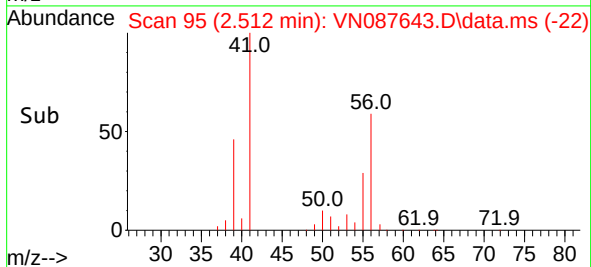
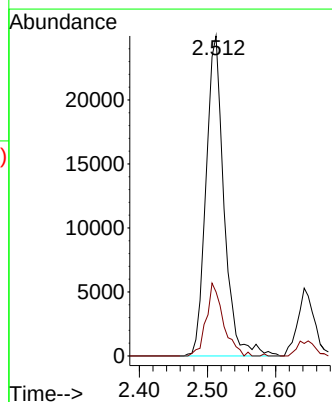
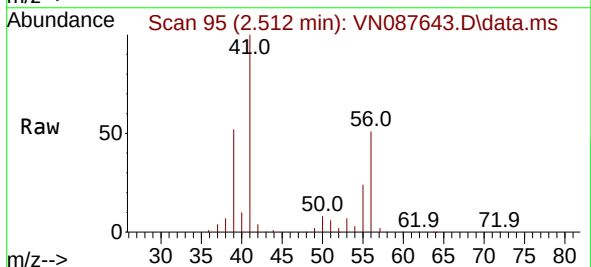
Instrument :
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ClientSampleId :
MW-19B-082125

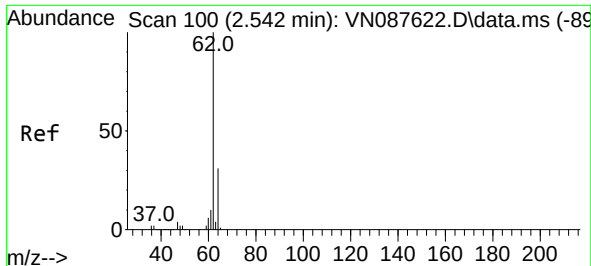
Tgt Ion:168 Resp: 165286
Ion Ratio Lower Upper
168 100
99 66.7 57.2 85.8



#3
Chloromethane
Concen: 19.009 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.129 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 50 Resp: 45858
Ion Ratio Lower Upper
50 100
52 20.0 26.2 39.4#

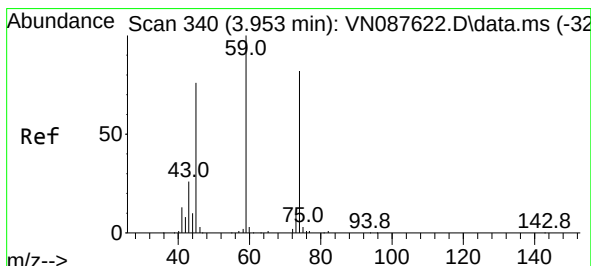
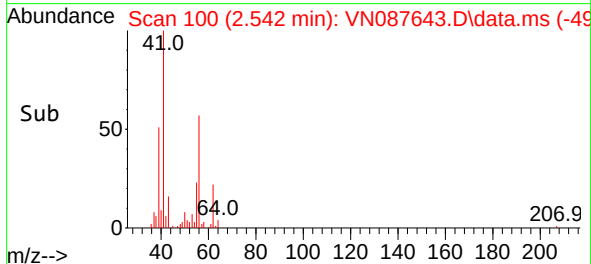
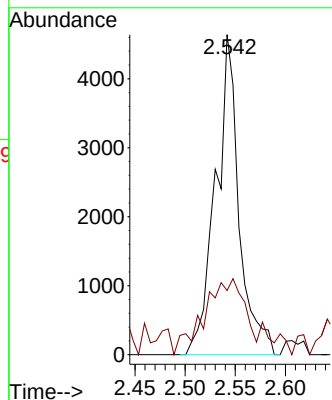
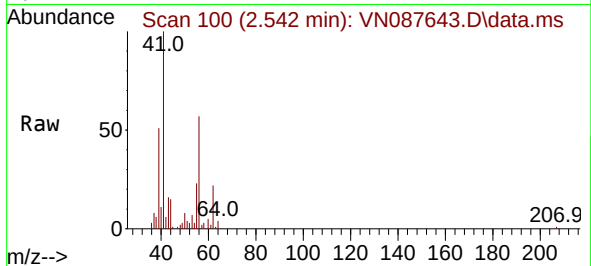




#4
 Vinyl Chloride
 Concen: 2.687 ug/l
 RT: 2.542 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VN087643.D
 Acq: 22 Aug 2025 15:47

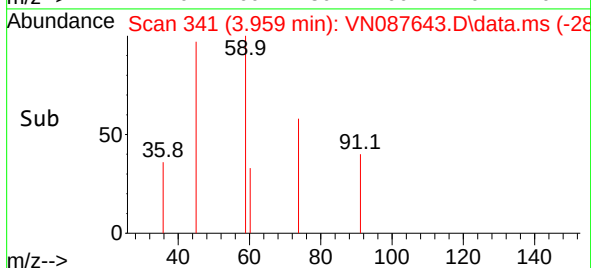
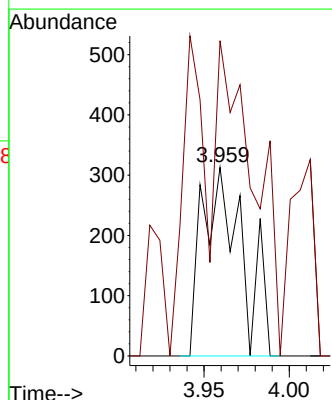
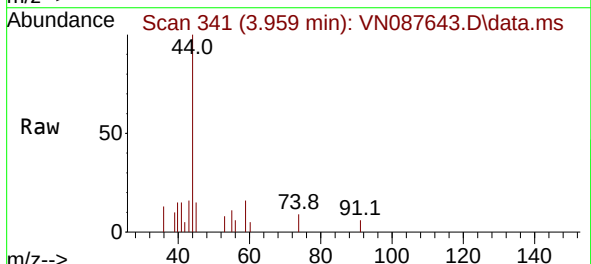
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 ClientSampleId :
 MW-19B-082125

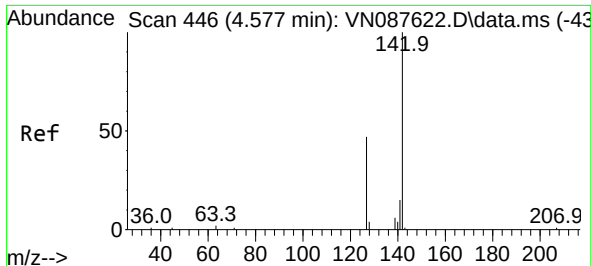
Tgt Ion: 62 Resp: 7517
 Ion Ratio Lower Upper
 62 100
 64 14.1 24.6 37.0#



#8
 Diethyl Ether
 Concen: 0.286 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087643.D
 Acq: 22 Aug 2025 15:47

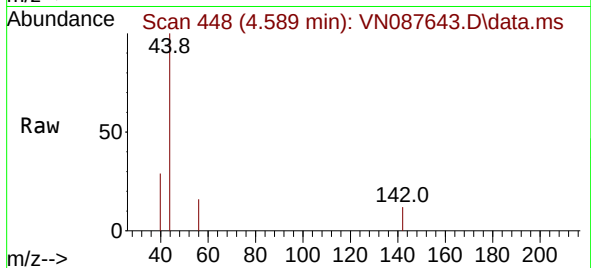
Tgt Ion: 74 Resp: 511
 Ion Ratio Lower Upper
 74 100
 45 155.8 50.6 151.9#



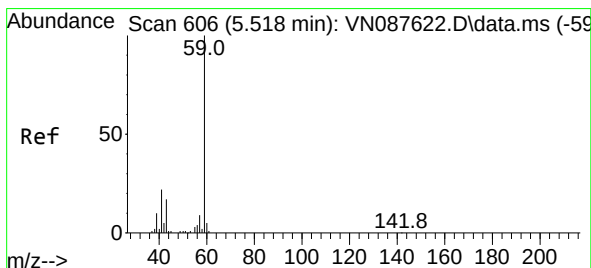
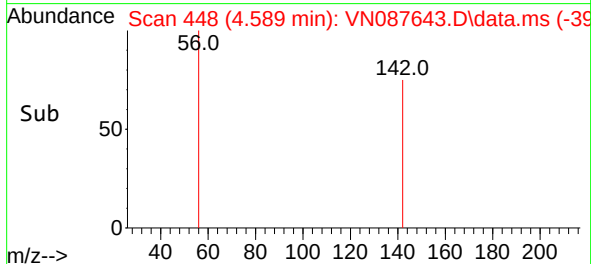
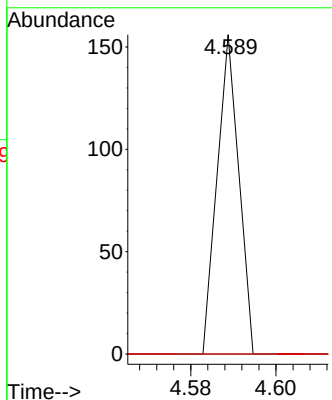


#10
Methyl Iodide
Concen: 6.838 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

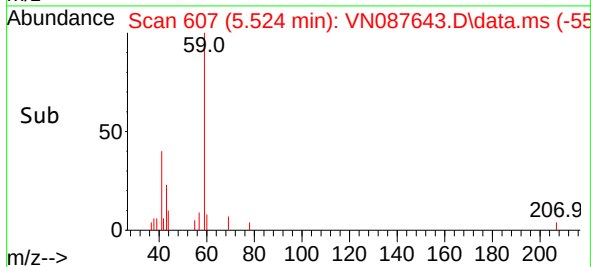
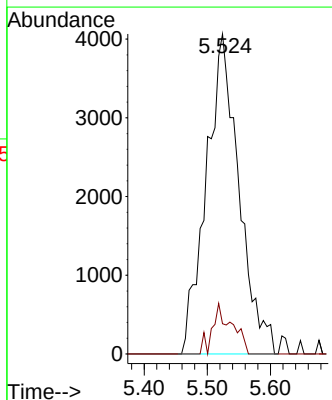
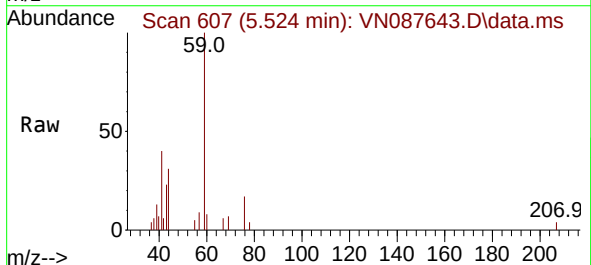


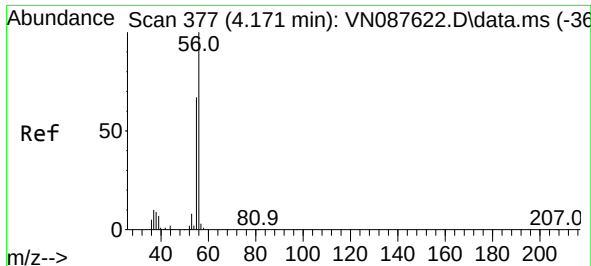
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 24.893 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 59 Resp: 14635
Ion Ratio Lower Upper
59 100
57 9.4 9.0 13.4

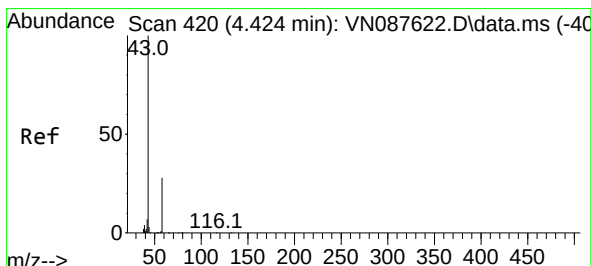
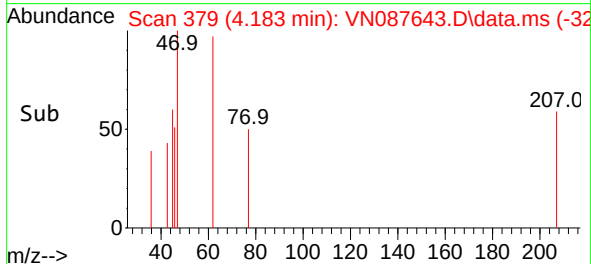
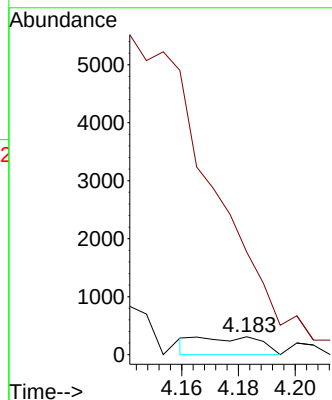
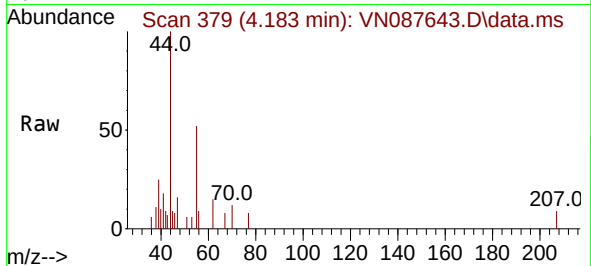




#13
Acrolein
Concen: 0.654 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

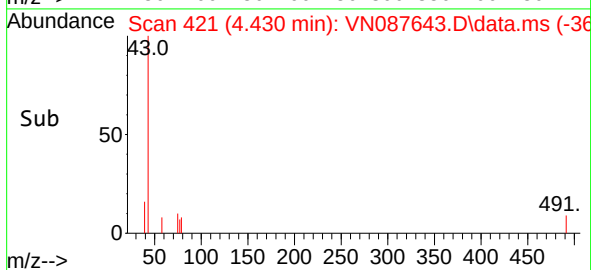
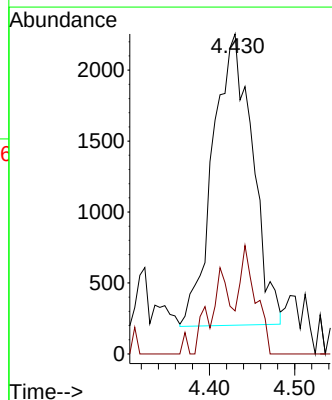
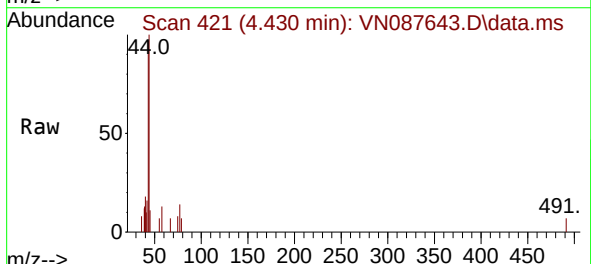
Instrument :
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ClientSampleId :
MW-19B-082125

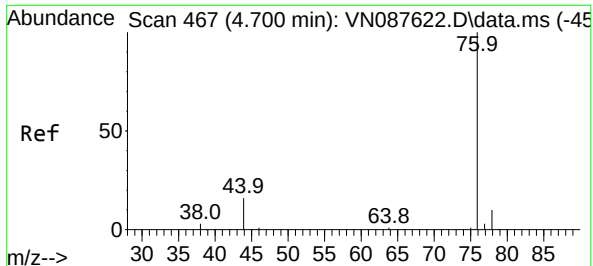
Tgt Ion: 56 Resp: 473
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#16
Acetone
Concen: 3.588 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 43 Resp: 6614
Ion Ratio Lower Upper
43 100
58 14.8 22.6 33.8#

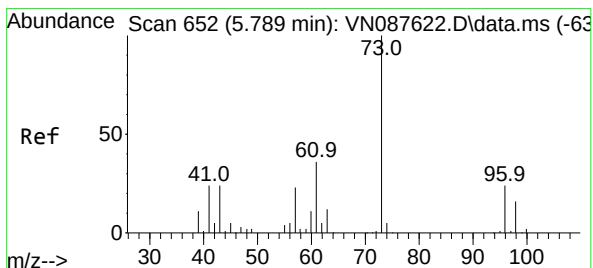
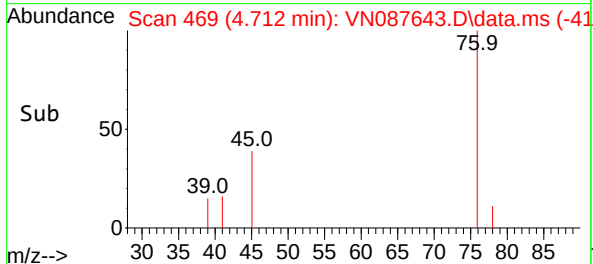
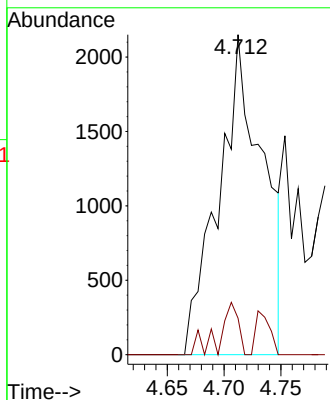
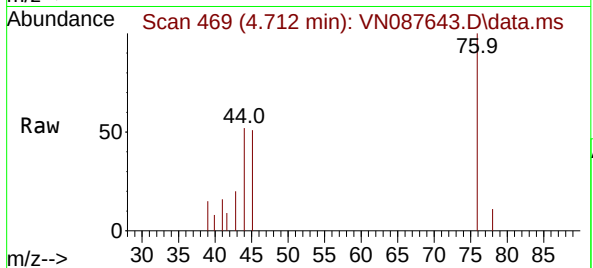




#17
Carbon Disulfide
Concen: 0.883 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

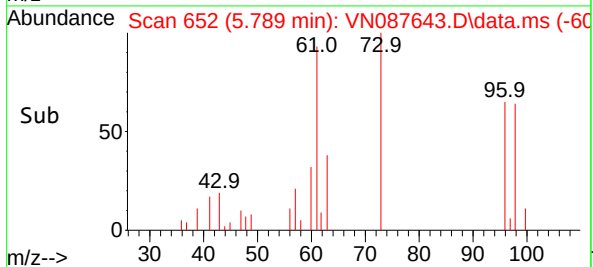
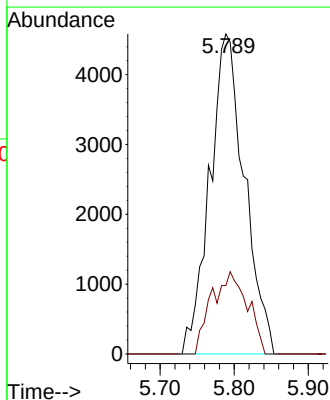
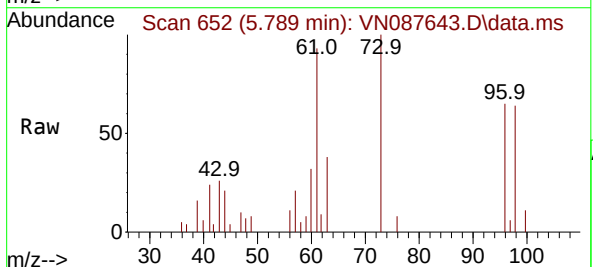
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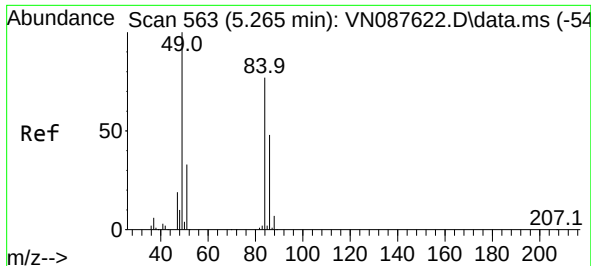
Tgt Ion: 76 Resp: 5794
Ion Ratio Lower Upper
76 100
78 11.4 7.6 11.4



#19
Methyl tert-butyl Ether
Concen: 1.667 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 73 Resp: 14902
Ion Ratio Lower Upper
73 100
57 21.4 18.4 27.6

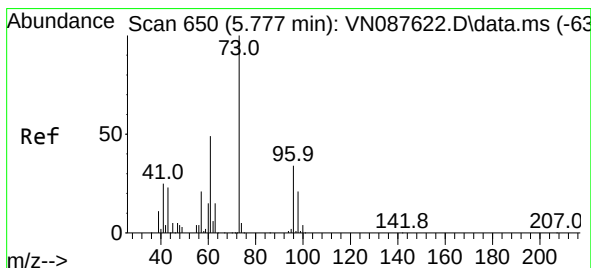
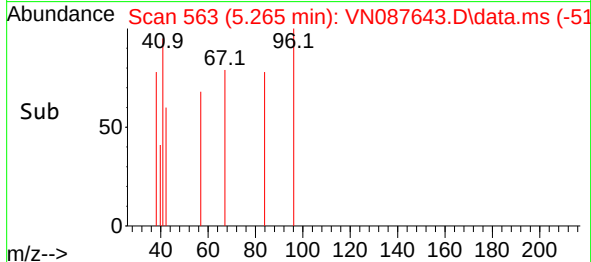
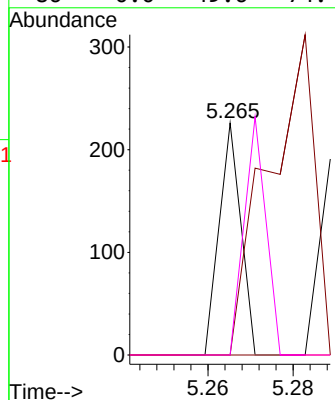
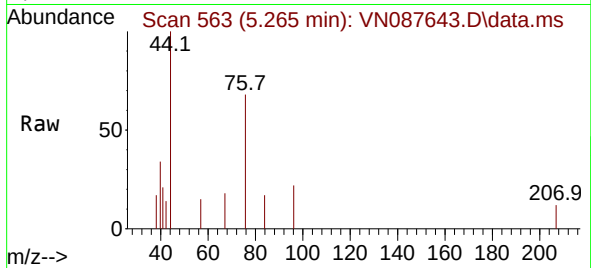




#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

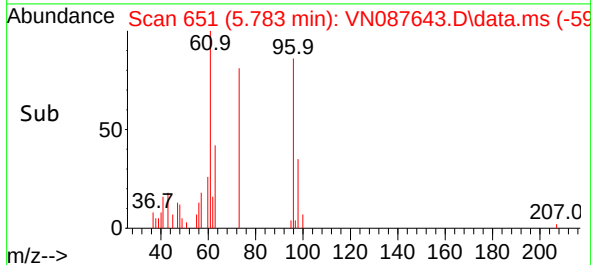
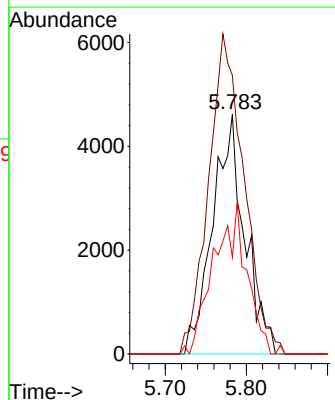
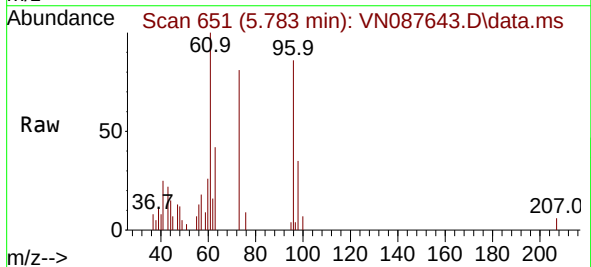
Instrument :
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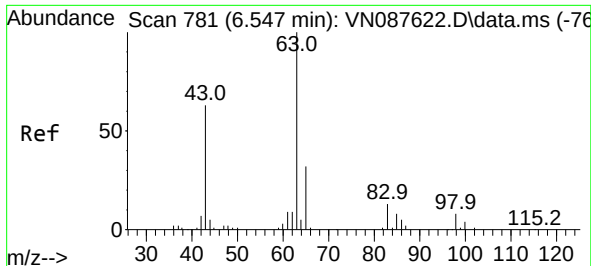
Tgt Ion:	84	Resp:	80
Ion	Ratio	Lower	Upper
84	100		
49	0.0	103.4	155.2#
51	0.0	33.8	50.8#
86	0.0	49.6	74.4#



#21
trans-1,2-Dichloroethene
Concen: 4.900 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087643.D
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Tgt Ion:	96	Resp:	12654
Ion	Ratio	Lower	Upper
96	100		
61	116.3	118.0	177.0#
98	40.3	50.0	75.0#

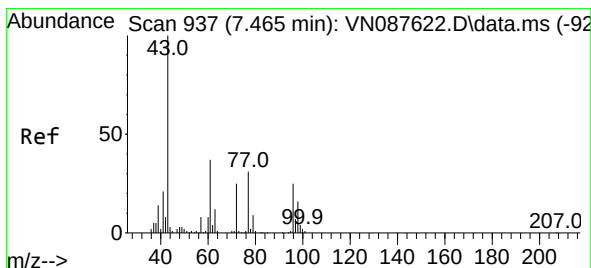
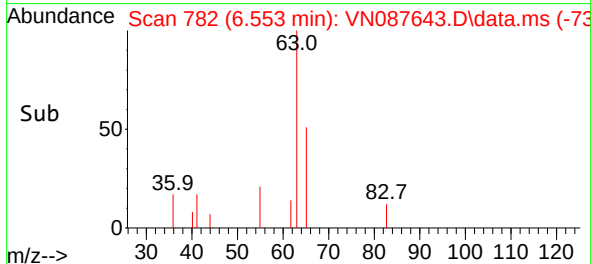
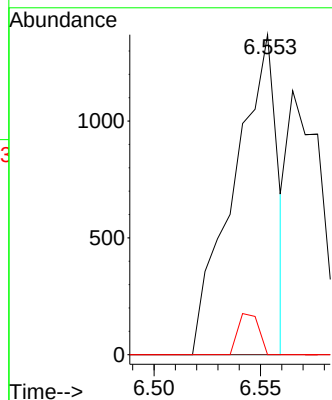
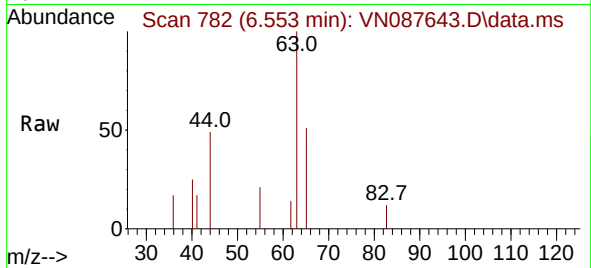




#24
1,1-Dichloroethane
Concen: 0.384 ug/l
RT: 6.553 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

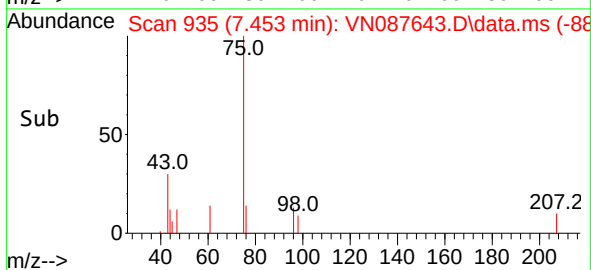
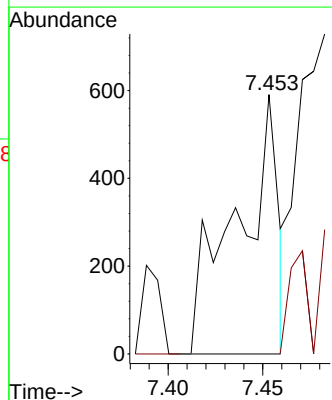
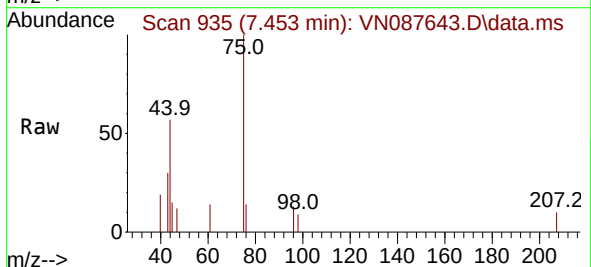
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

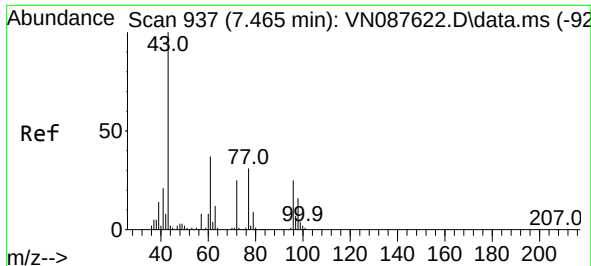
Tgt Ion: 63 Resp: 1960
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.4#
100 0.0 2.0 6.0#



#25
2-Butanone
Concen: 0.368 ug/l
RT: 7.453 min Scan# 935
Delta R.T. -0.012 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

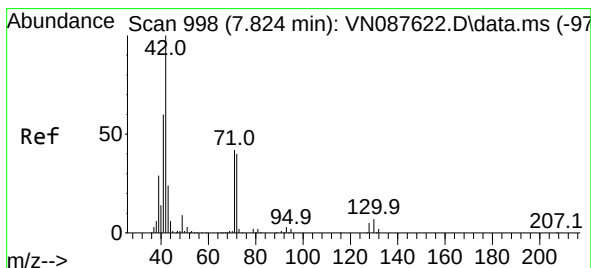
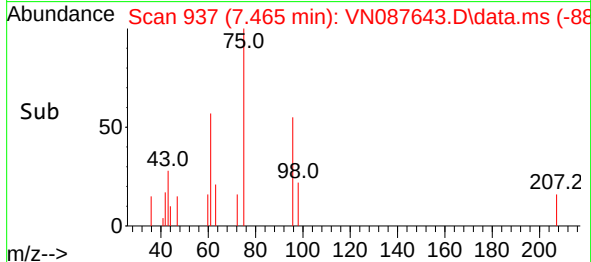
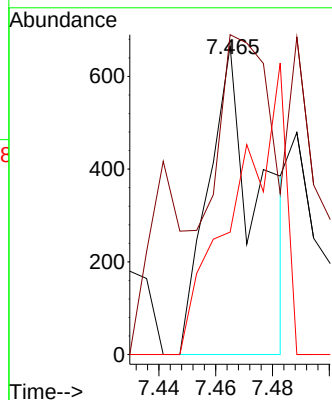
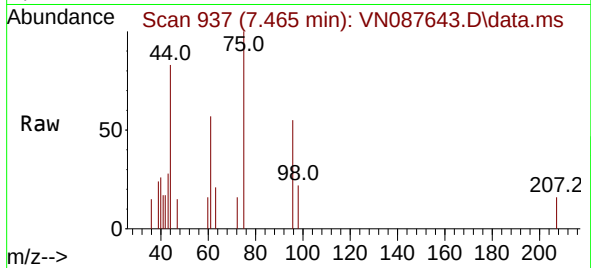




#27
 cis-1,2-Dichloroethene
 Concen: 0.268 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087643.D
 Acq: 22 Aug 2025 15:47

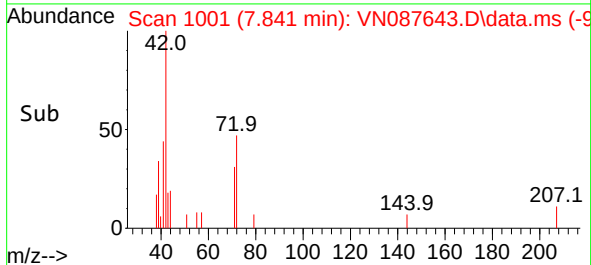
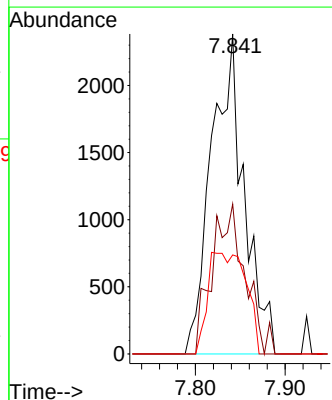
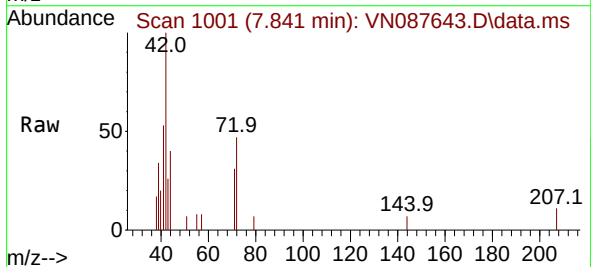
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19B-082125

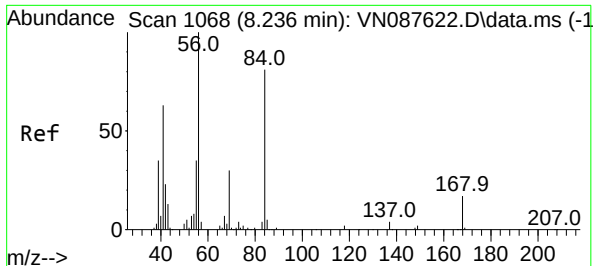
Tgt Ion:	96	Resp:	829
Ion	Ratio	Lower	Upper
96	100		
61	66.3	0.0	301.8
98	90.3	0.0	126.2



#29
 Tetrahydrofuran
 Concen: 3.857 ug/l
 RT: 7.841 min Scan# 1001
 Delta R.T. 0.018 min
 Lab File: VN087643.D
 Acq: 22 Aug 2025 15:47

Tgt Ion:	42	Resp:	6021
Ion	Ratio	Lower	Upper
42	100		
72	47.4	33.7	50.5
71	0.0	31.9	47.9

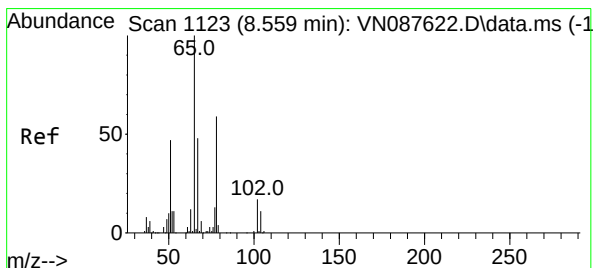
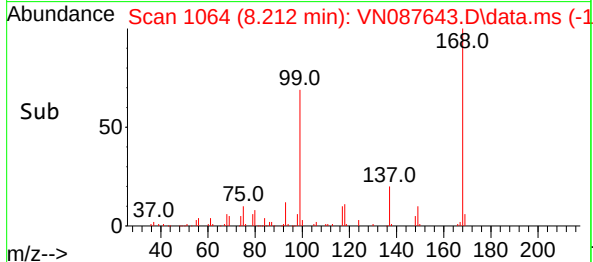
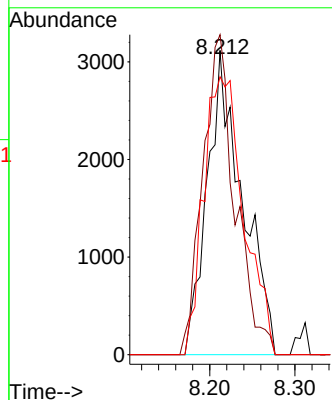
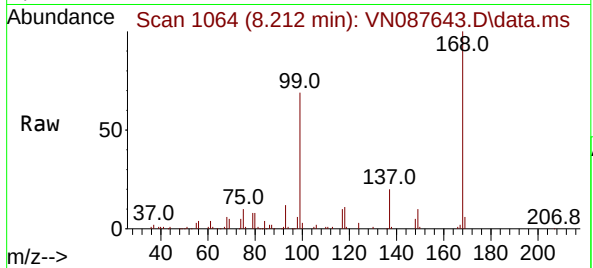




#31
Cyclohexane
Concen: 2.094 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

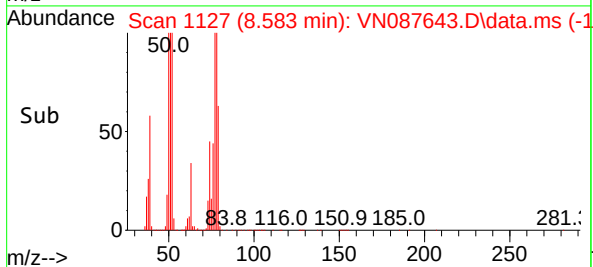
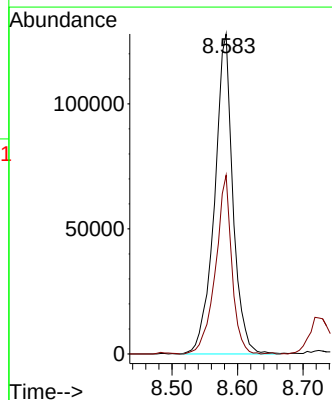
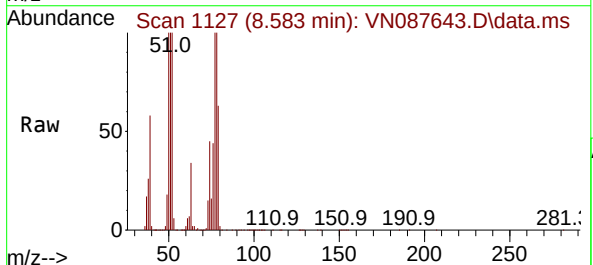
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

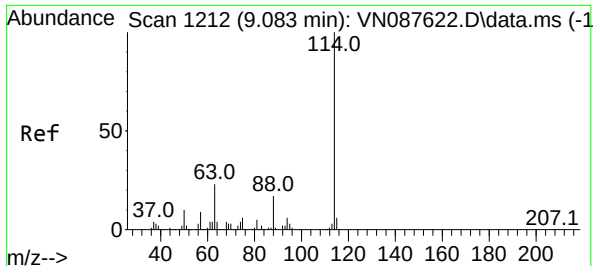
Tgt Ion: 56 Resp: 8920
Ion Ratio Lower Upper
56 100
69 105.1 23.7 35.5#
84 96.2 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 73.393 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.024 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 65 Resp: 248548
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

MW-19B-082125

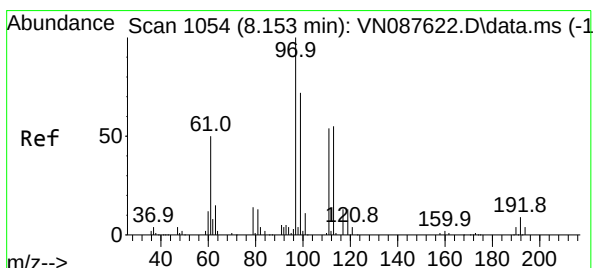
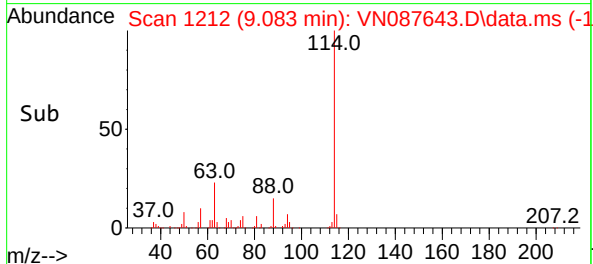
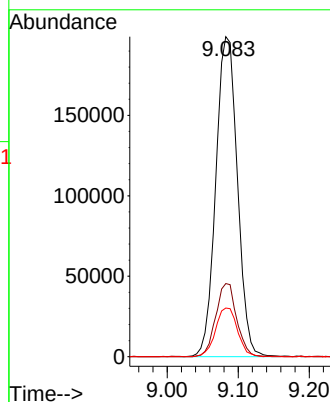
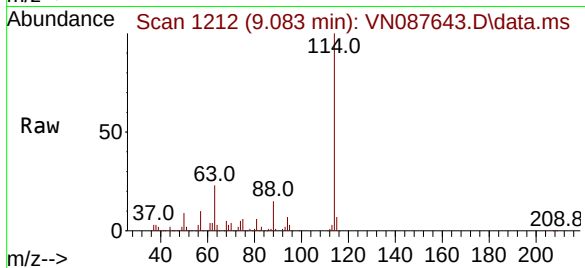
Tgt Ion:114 Resp: 419366

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

88 15.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 44.504 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

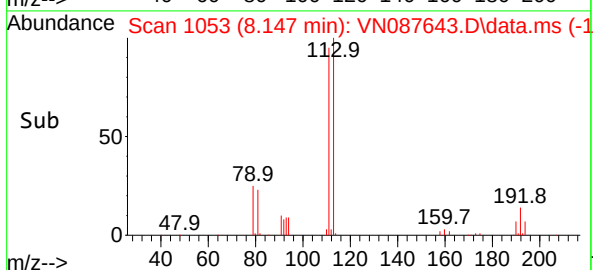
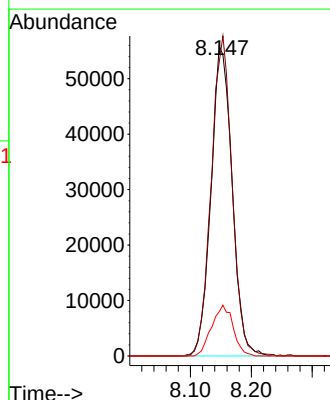
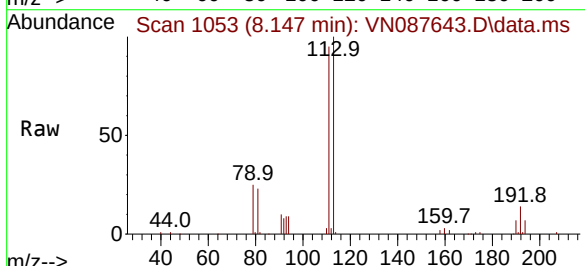
Tgt Ion:113 Resp: 134751

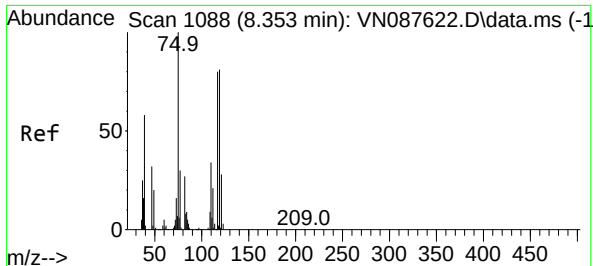
Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 16.7 12.8 19.2

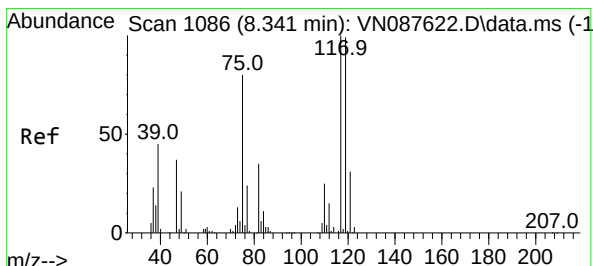
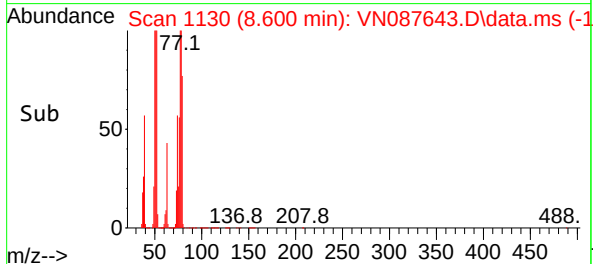
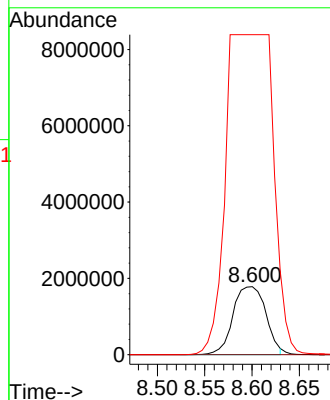
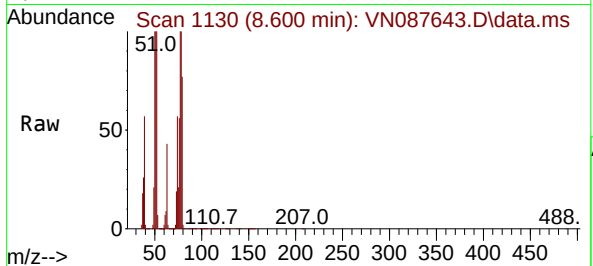




#36
1,1-Dichloropropene
Concen: 926.902 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.247 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

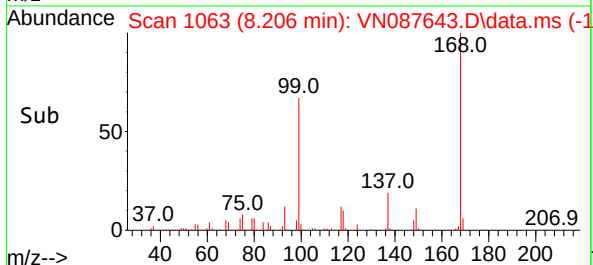
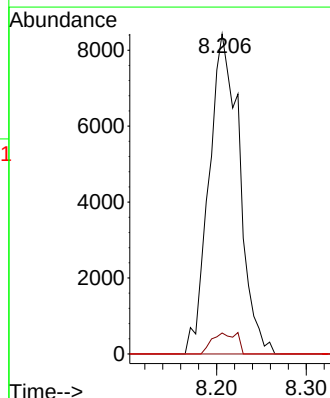
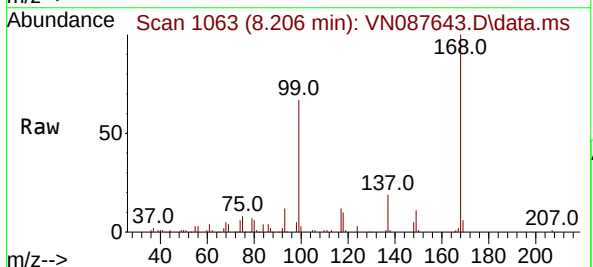
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

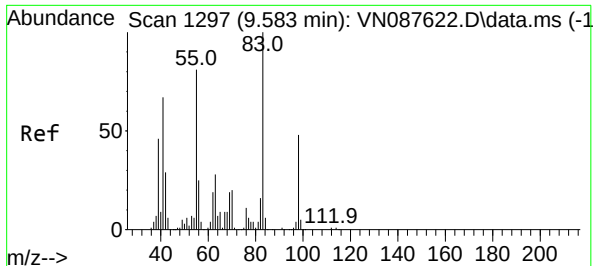
Tgt Ion: 75 Resp: 4305495
Ion Ratio Lower Upper
75 100
110 0.0 15.9 47.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.340 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 117 Resp: 19906
Ion Ratio Lower Upper
117 100
119 6.5 79.0 118.6#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.759 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

MW-19B-082125

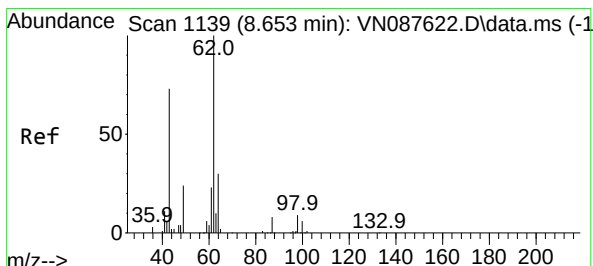
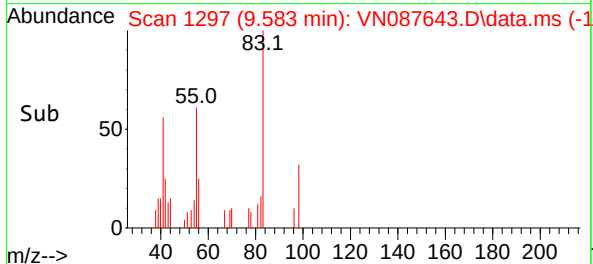
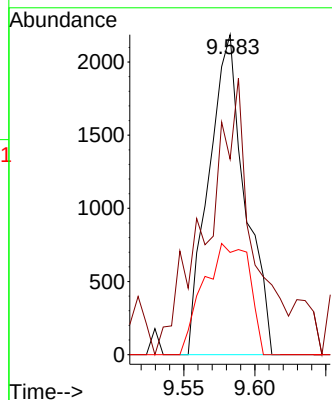
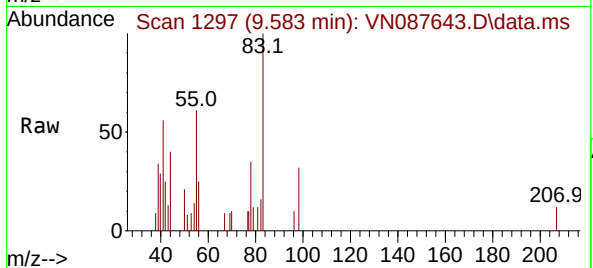
Tgt Ion: 83 Resp: 3881

Ion Ratio Lower Upper

83 100

55 43.5 64.6 96.8#

98 31.9 38.4 57.6#



#42

1,2-Dichloroethane

Concen: 351.646 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. -0.059 min

Lab File: VN087643.D

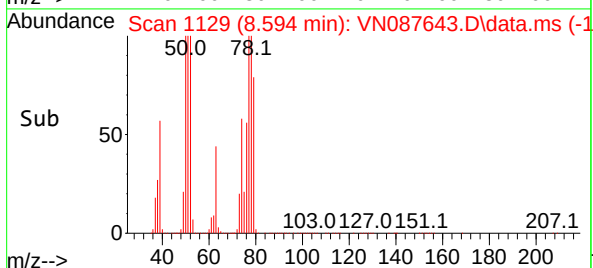
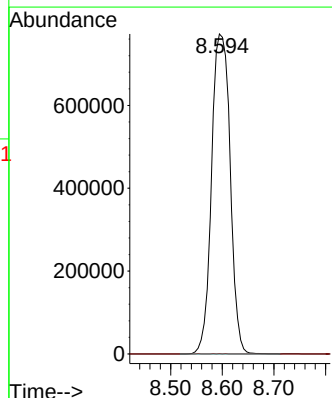
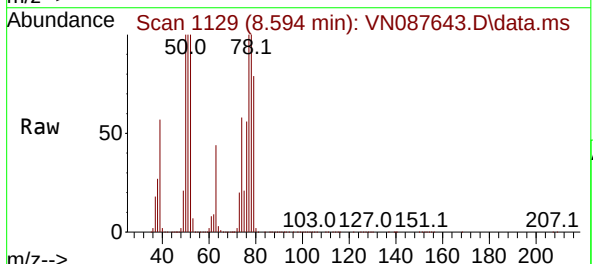
Acq: 22 Aug 2025 15:47

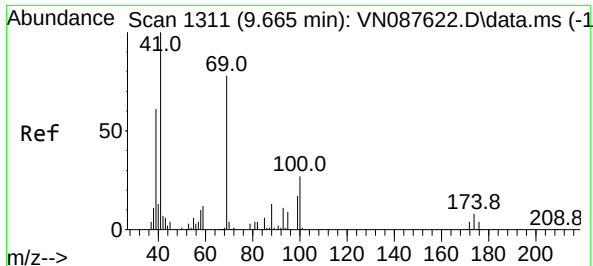
Tgt Ion: 62 Resp: 1925207

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.4





#48

Methyl methacrylate

Concen: 0.470 ug/l

RT: 9.647 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

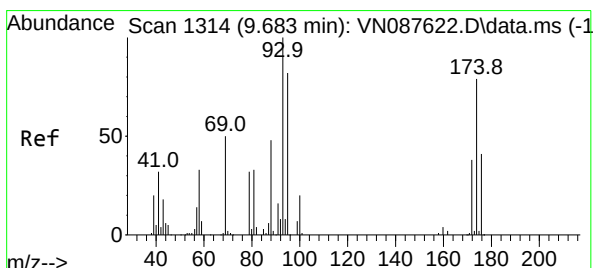
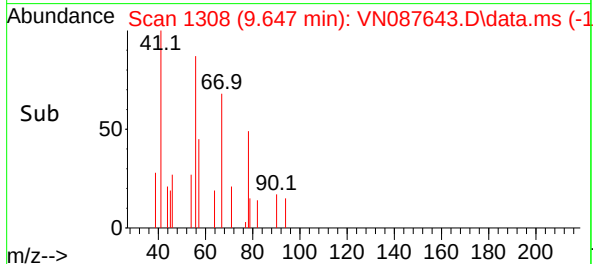
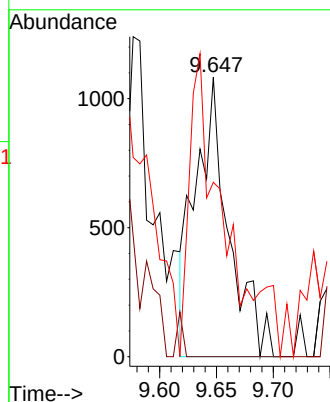
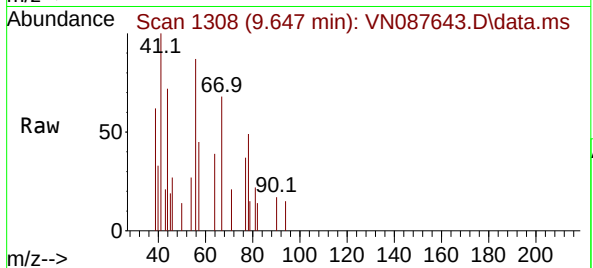
Instrument :

MSVOA_N

ClientSampleId :

MW-19B-082125

Tgt Ion: 41	Resp:	2205
Ion	Ratio	Lower Upper
41	100	
69	0.0	62.7 94.1#
39	99.2	52.9 79.3#



#49

1,4-Dioxane

Concen: 1.300 ug/l

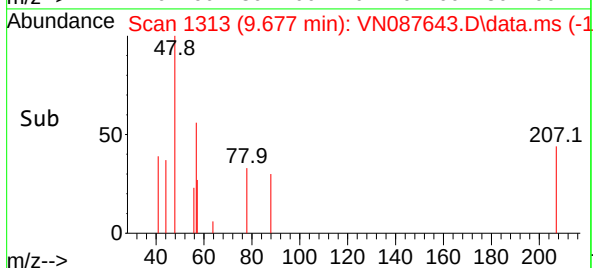
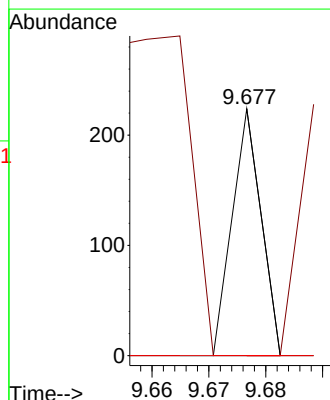
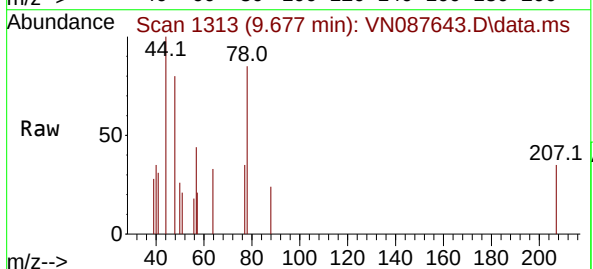
RT: 9.677 min Scan# 1313

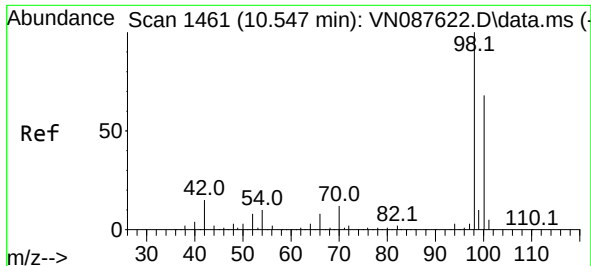
Delta R.T. -0.006 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

Tgt Ion: 88	Resp:	79
Ion	Ratio	Lower Upper
88	100	
43	0.0	0.0 0.0
58	0.0	57.9 86.9#

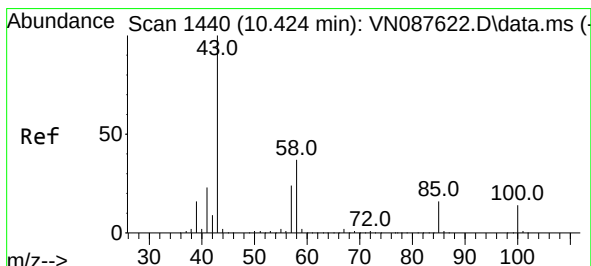
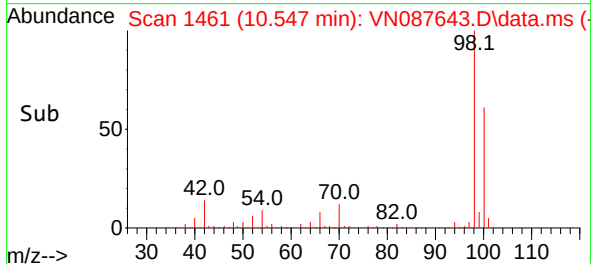
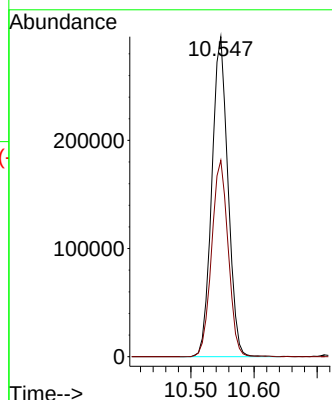
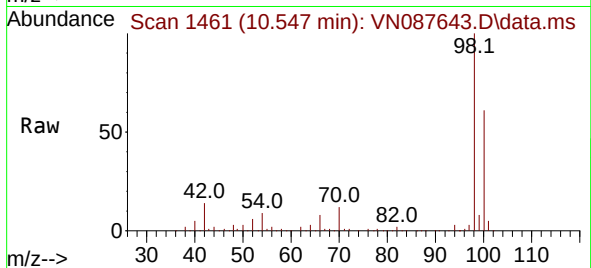




#50
Toluene-d8
Concen: 46.245 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

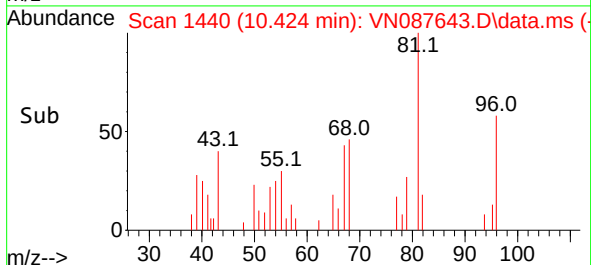
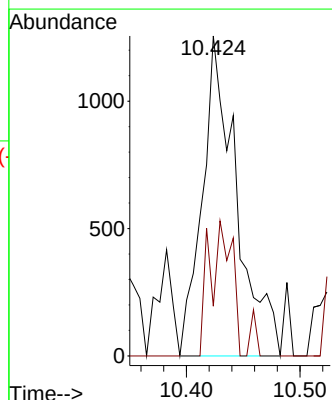
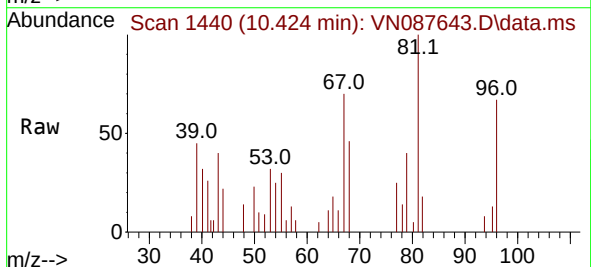
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

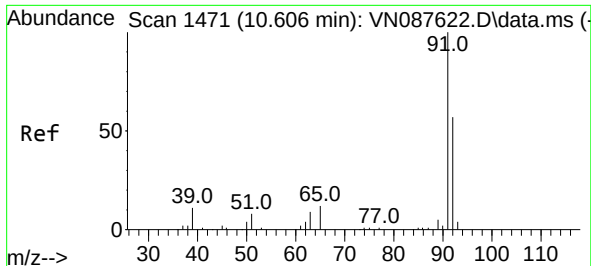
Tgt Ion: 98 Resp: 524077
Ion Ratio Lower Upper
98 100
100 62.9 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 43 Resp: 2620
Ion Ratio Lower Upper
43 100
58 27.8 29.6 44.4#

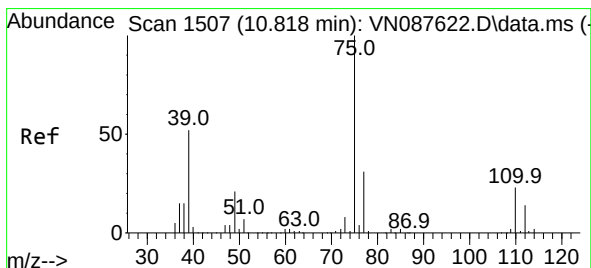
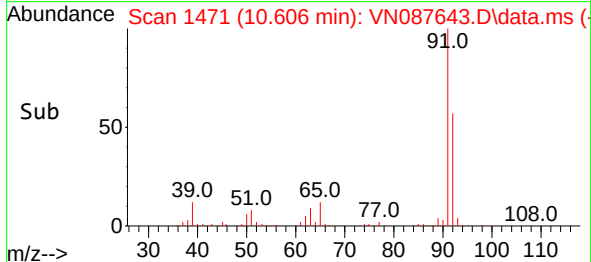
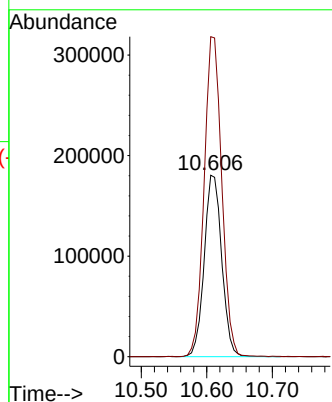
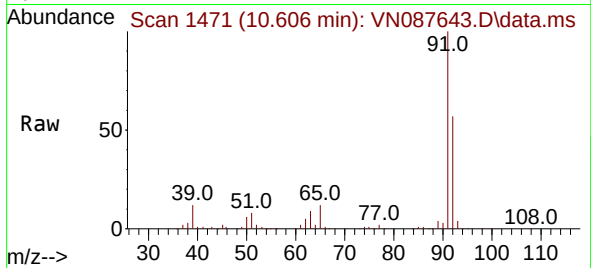




#52
Toluene
Concen: 37.955 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

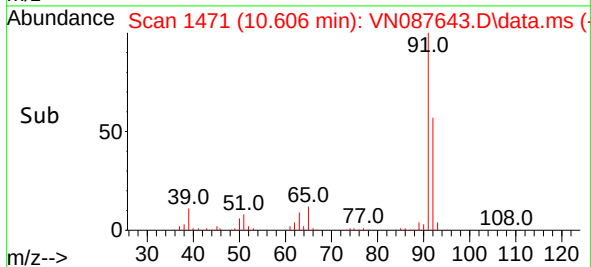
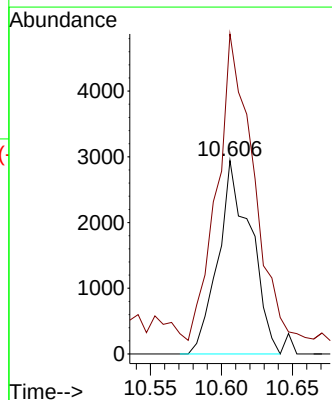
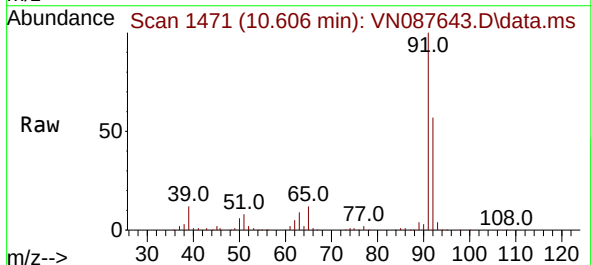
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

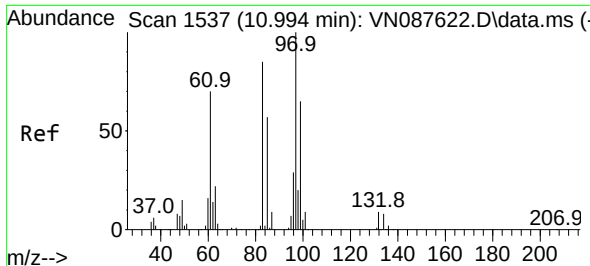
Tgt Ion: 92 Resp: 335235
Ion Ratio Lower Upper
92 100
91 177.9 140.4 210.6



#53
t-1,3-Dichloropropene
Concen: 0.833 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.212 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 75 Resp: 4722
Ion Ratio Lower Upper
75 100
77 154.9 25.2 37.8#

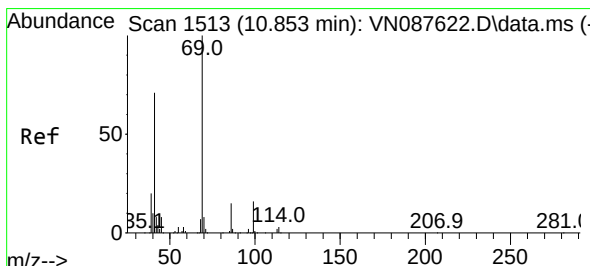
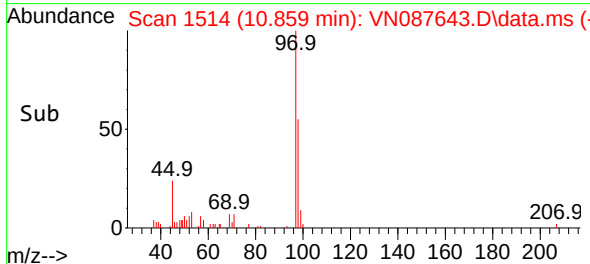
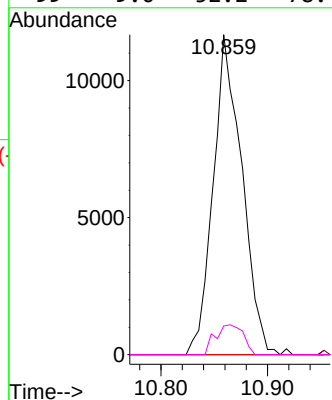
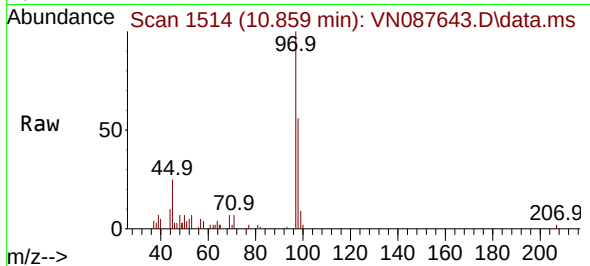




#55
1,1,2-Trichloroethane
Concen: 6.389 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.135 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

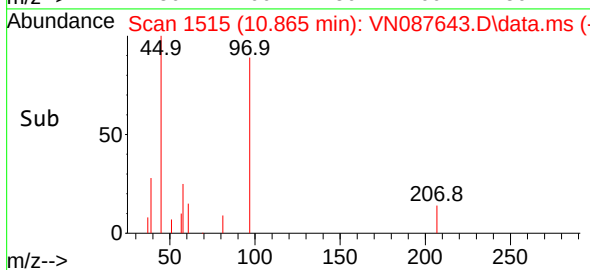
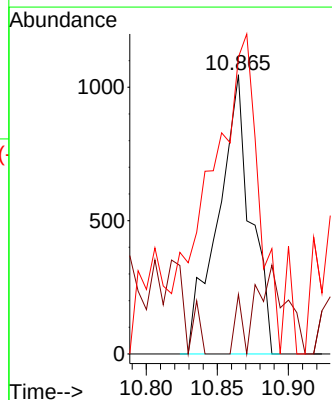
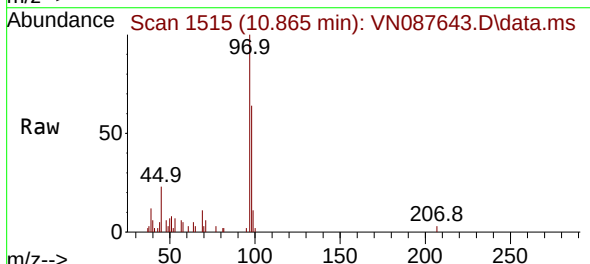
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

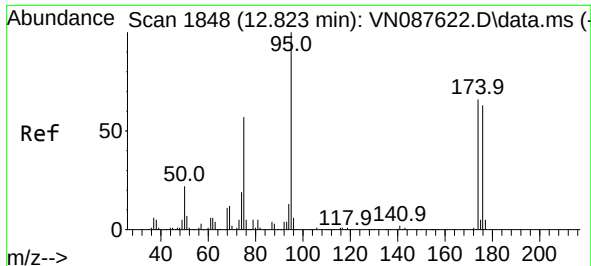
Tgt Ion: 97	Resp: 21831
Ion Ratio	Lower Upper
97 100	
83 0.0	68.2 102.4#
85 0.0	45.5 68.3#
99 9.0	52.2 78.4#



#56
Ethyl methacrylate
Concen: 0.306 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. 0.012 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 69	Resp: 1671
Ion Ratio	Lower Upper
69 100	
41 0.0	56.5 84.7#
39 177.7	34.2 51.4#

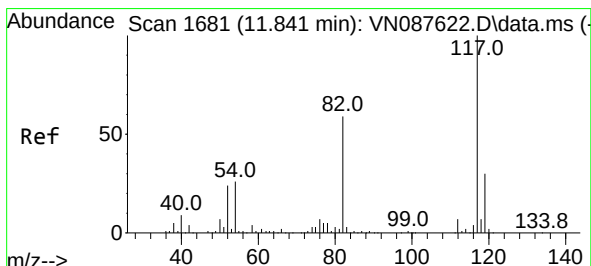
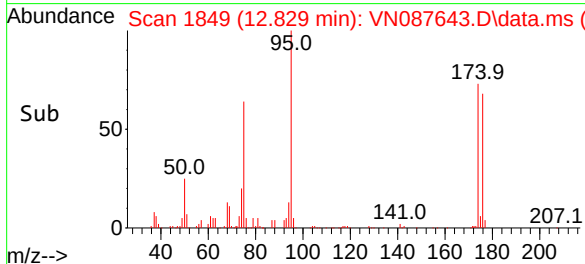
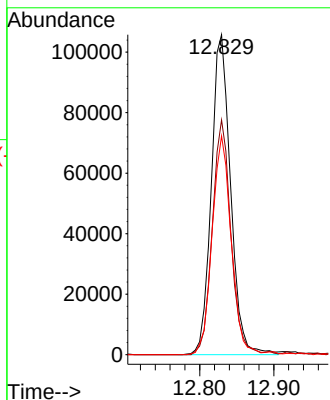
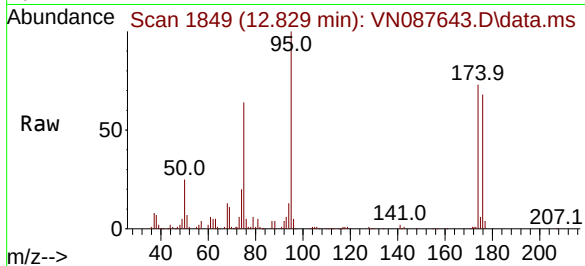




#62
4-Bromofluorobenzene
Concen: 47.296 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

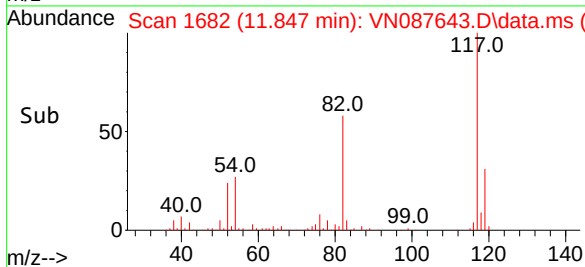
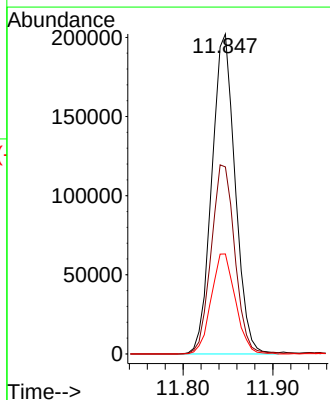
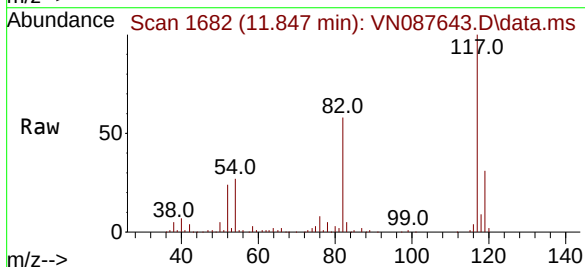
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

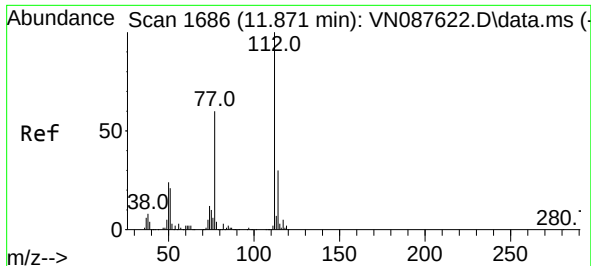
Tgt Ion: 95 Resp: 190613
Ion Ratio Lower Upper
95 100
174 71.1 0.0 138.4
176 67.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 117 Resp: 365004
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.2 24.3 36.5

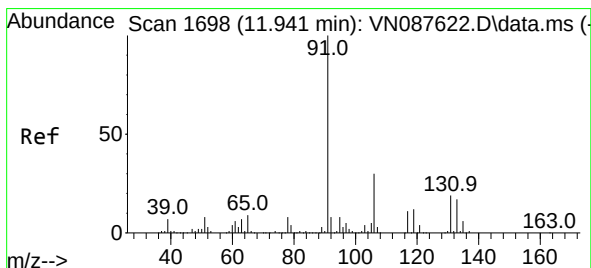
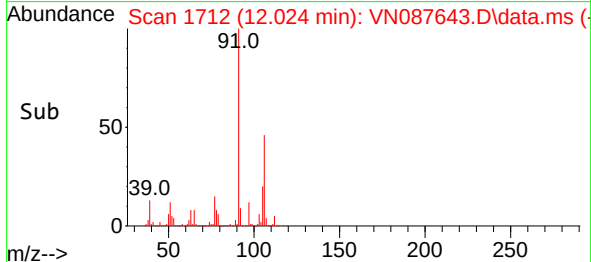
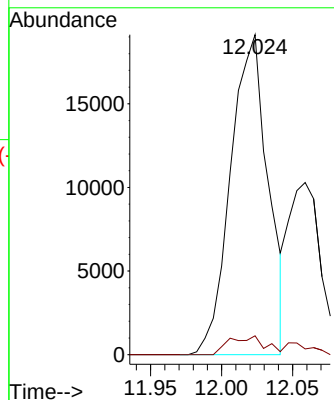
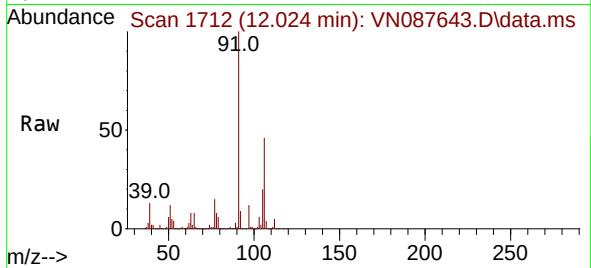




#65
Chlorobenzene
Concen: 3.856 ug/l
RT: 12.024 min Scan# 1712
Delta R.T. 0.153 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

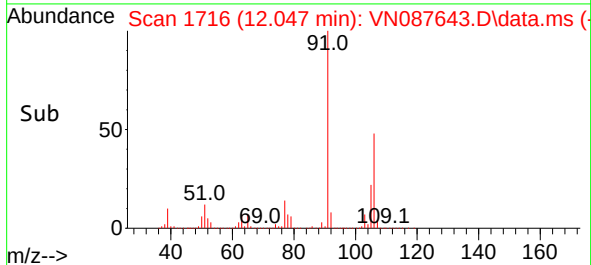
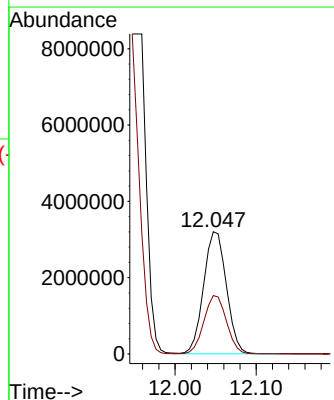
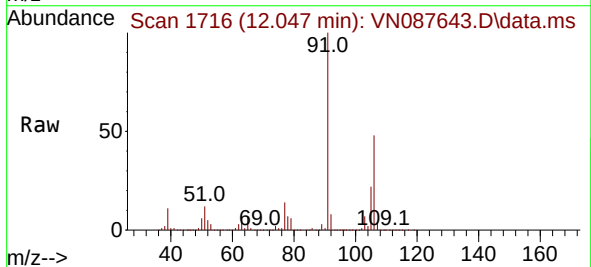
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

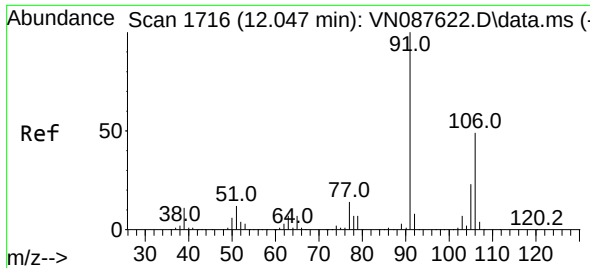
Tgt Ion:112 Resp: 35014
Ion Ratio Lower Upper
112 100
114 5.9 24.3 36.5#



#67
Ethyl Benzene
Concen: 397.174 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.106 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 91 Resp: 6244601
Ion Ratio Lower Upper
91 100
106 47.8 24.1 36.1#

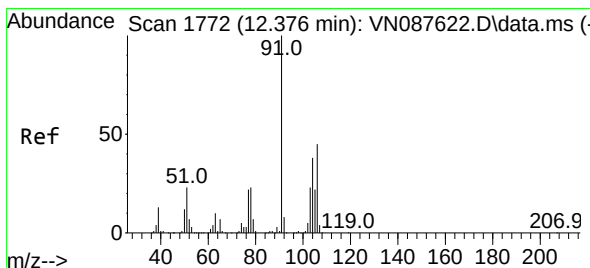
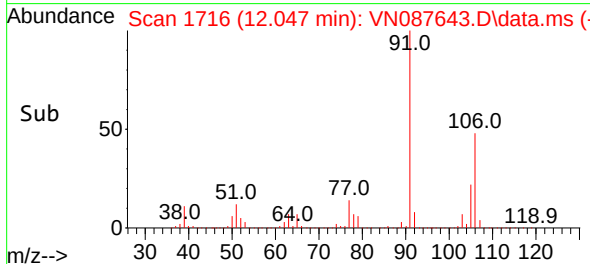
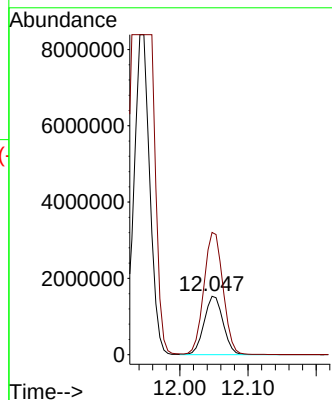
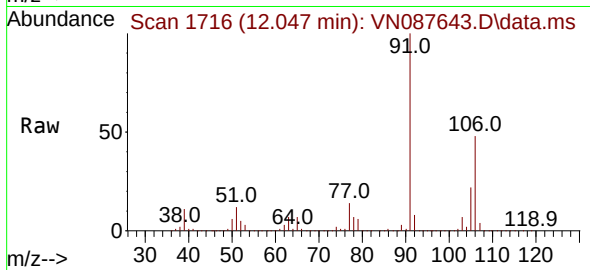




#68
m/p-Xylenes
Concen: 513.447 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

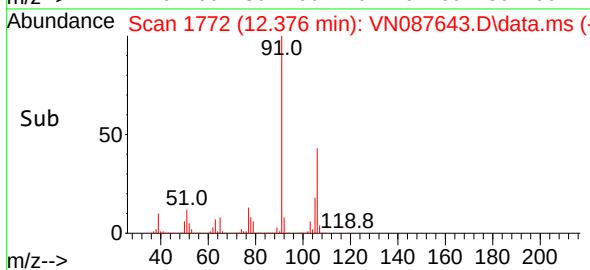
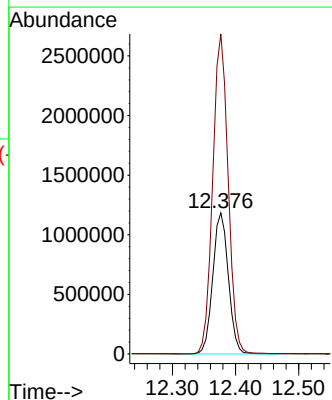
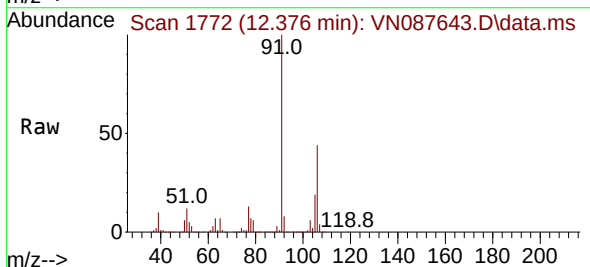
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

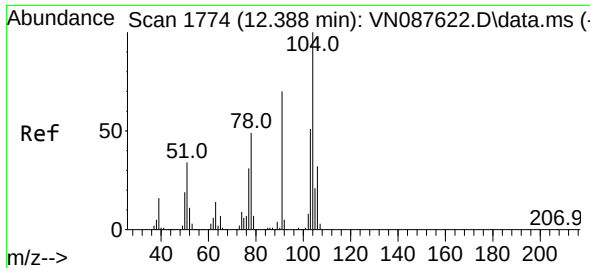
Tgt Ion:106 Resp: 2960620
Ion Ratio Lower Upper
106 100
91 210.9 169.3 253.9



#69
o-Xylene
Concen: 357.422 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion:106 Resp: 2019730
Ion Ratio Lower Upper
106 100
91 224.9 111.4 334.2

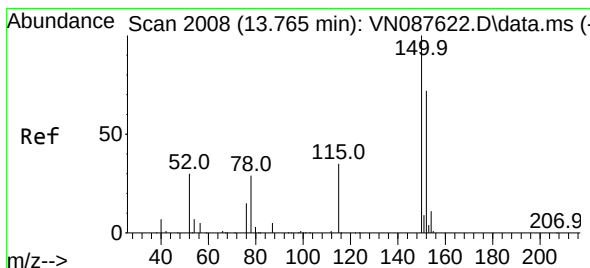
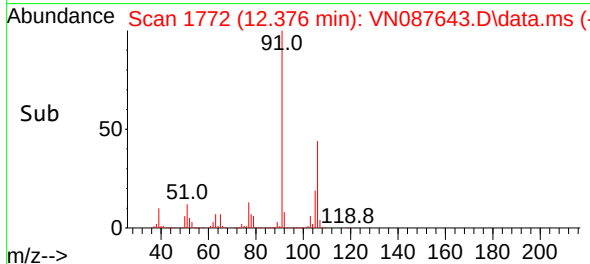
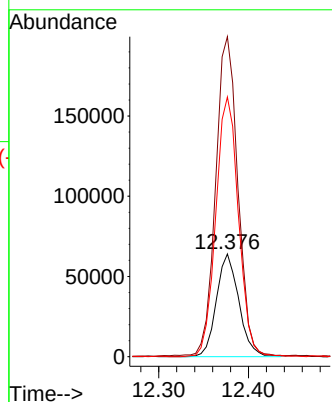
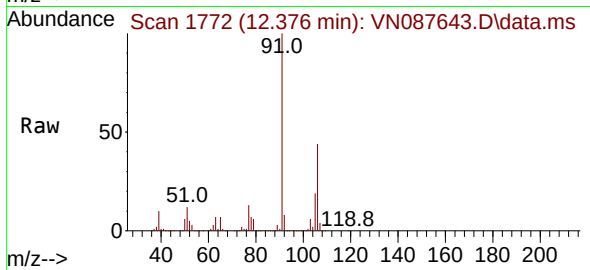




#70
Styrene
Concen: 11.748 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

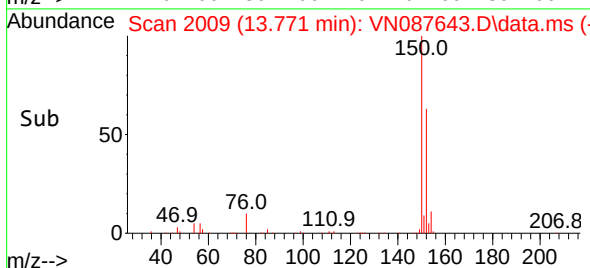
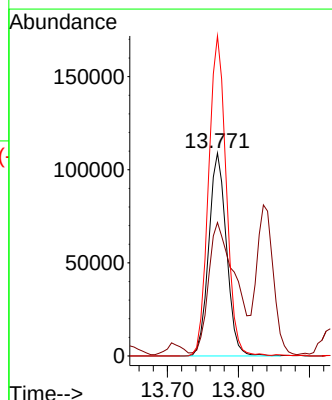
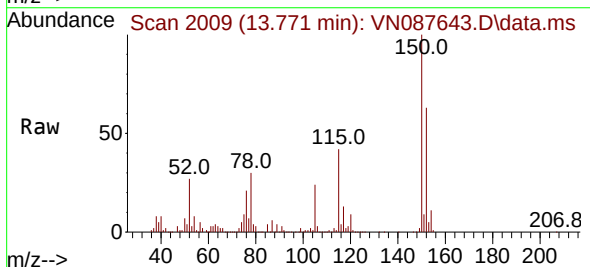
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

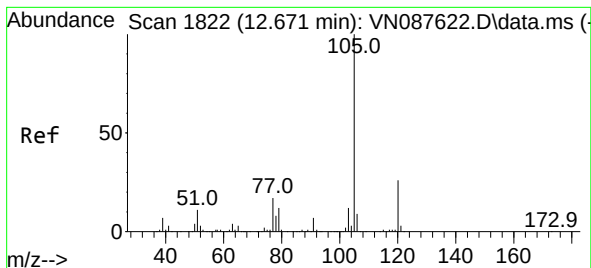
Tgt Ion:104 Resp: 111217
Ion Ratio Lower Upper
104 100
78 308.9 42.2 63.2#
103 255.9 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion:152 Resp: 189102
Ion Ratio Lower Upper
152 100
115 0.0 32.3 96.8#
150 157.1 0.0 351.0





#73

Isopropylbenzene

Concen: 73.980 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

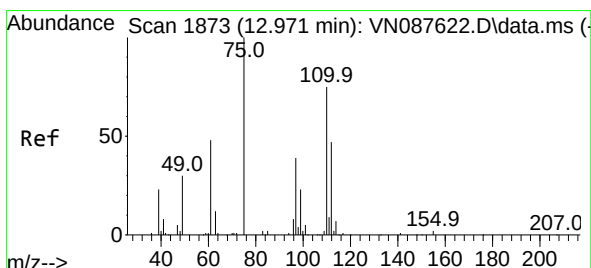
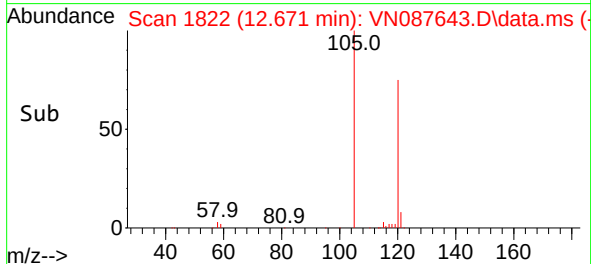
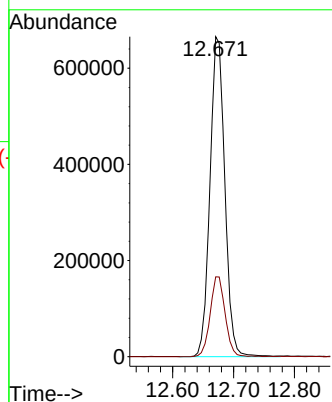
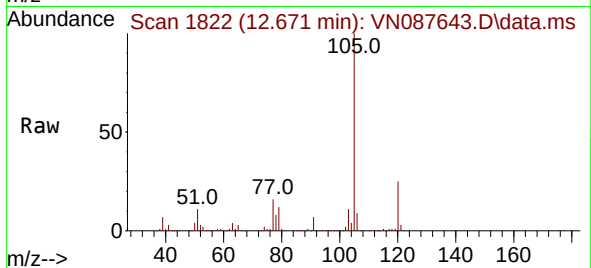
MW-19B-082125

Tgt Ion:105 Resp: 1130458

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 1.615 ug/l

RT: 13.082 min Scan# 1892

Delta R.T. 0.112 min

Lab File: VN087643.D

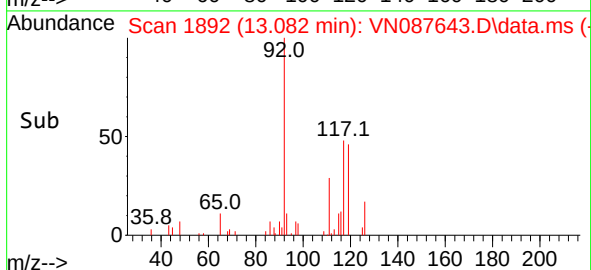
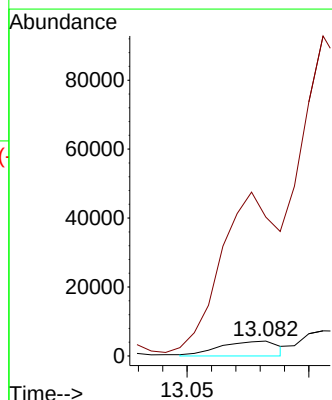
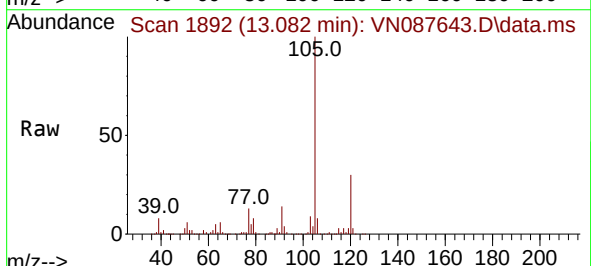
Acq: 22 Aug 2025 15:47

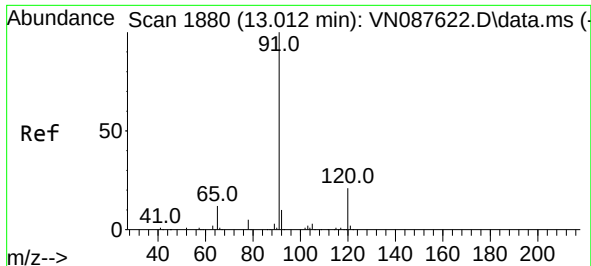
Tgt Ion: 75 Resp: 7163

Ion Ratio Lower Upper

75 100

77 1066.0 89.1 267.4#

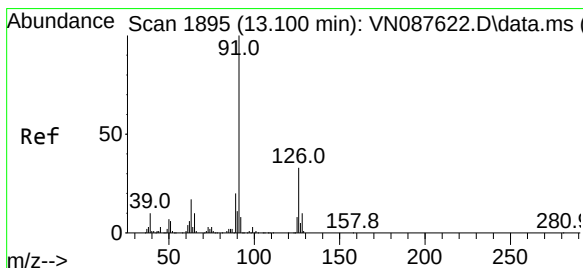
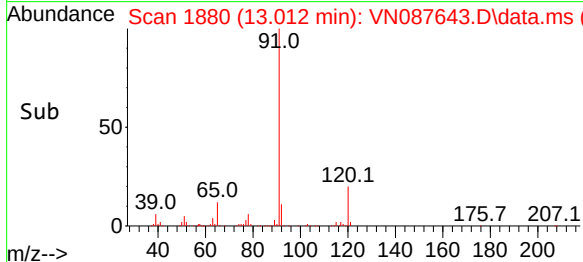
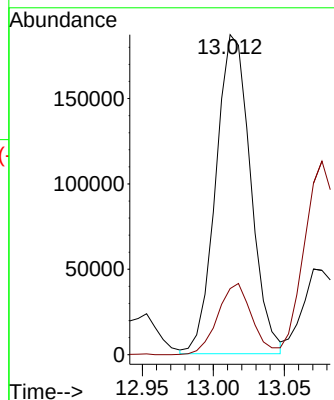
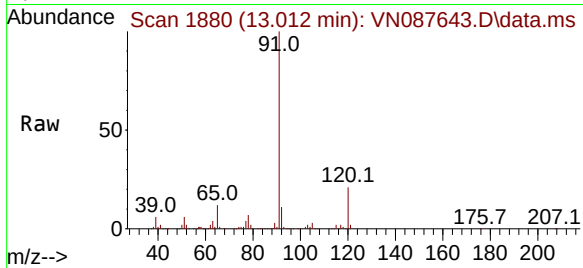




#78
n-propylbenzene
Concen: 16.926 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

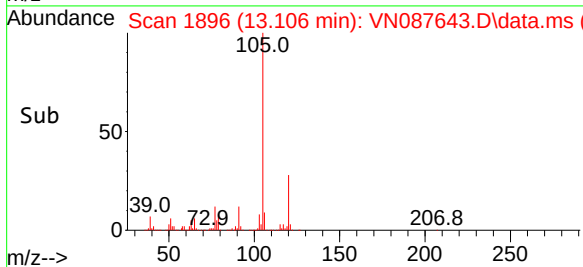
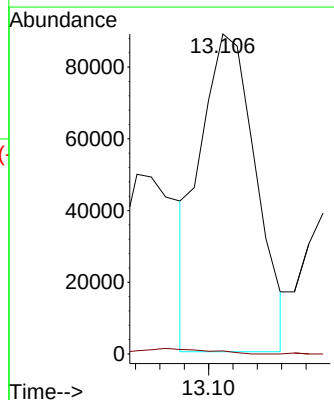
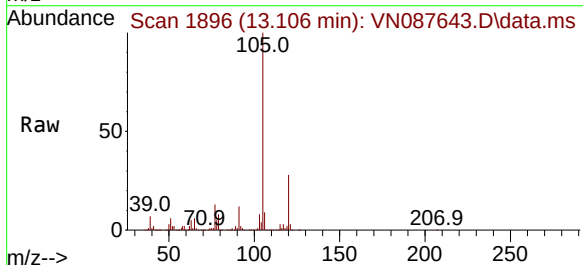
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

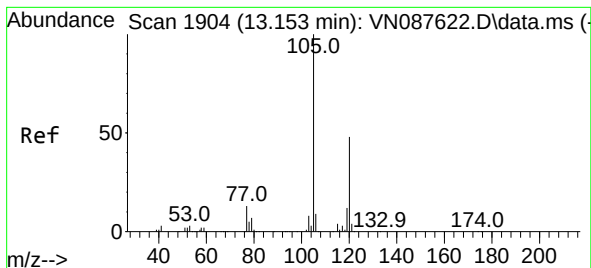
Tgt Ion: 91 Resp: 318578
Ion Ratio Lower Upper
91 100
120 21.7 10.7 32.1



#79
2-Chlorotoluene
Concen: 12.368 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 91 Resp: 140092
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 44.387 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

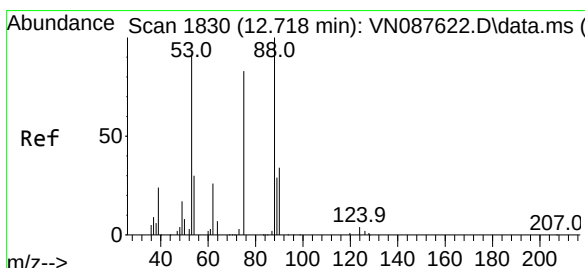
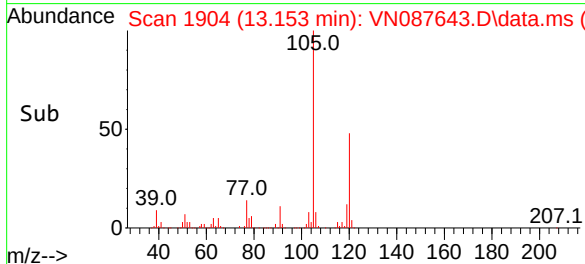
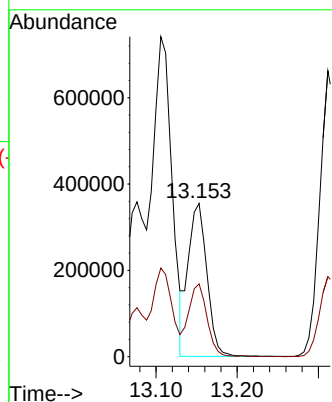
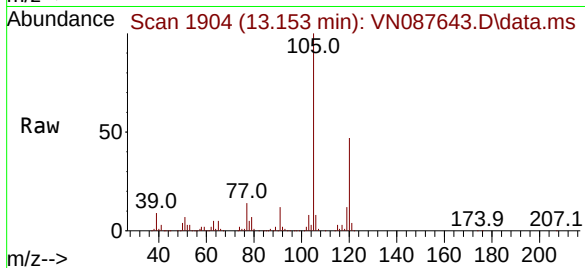
MW-19B-082125

Tgt Ion:105 Resp: 575383

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6



#81

trans-1,4-Dichloro-2-butene

Concen: 9.665 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. -0.047 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

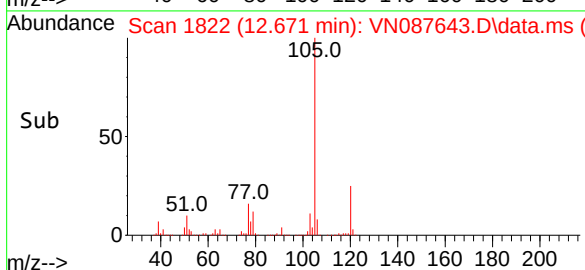
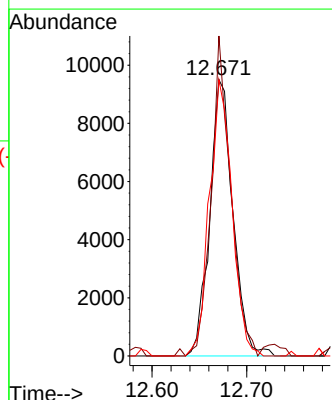
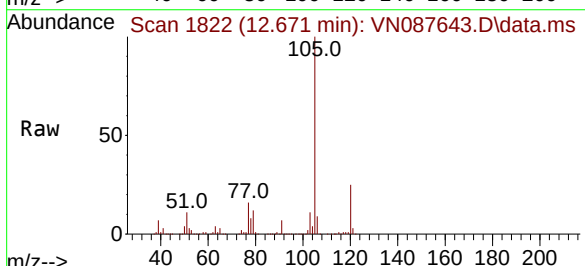
Tgt Ion: 75 Resp: 16190

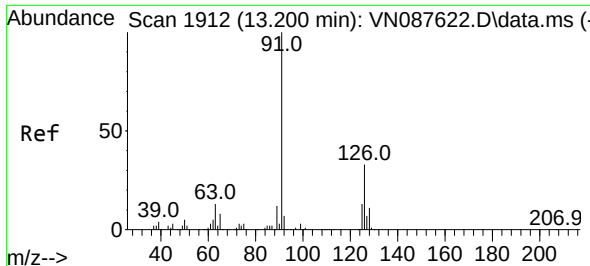
Ion Ratio Lower Upper

75 100

53 98.0 101.8 152.6#

89 97.1 35.6 53.4#

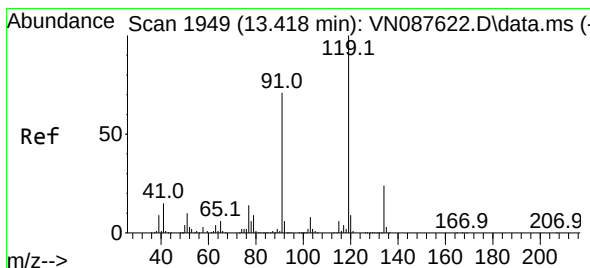
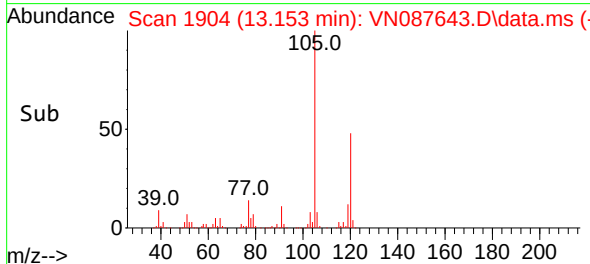
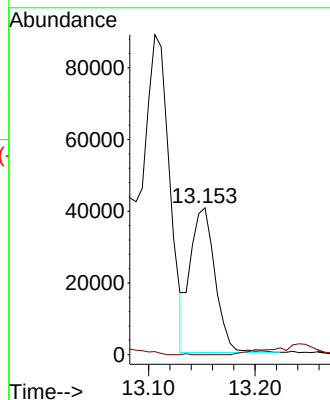
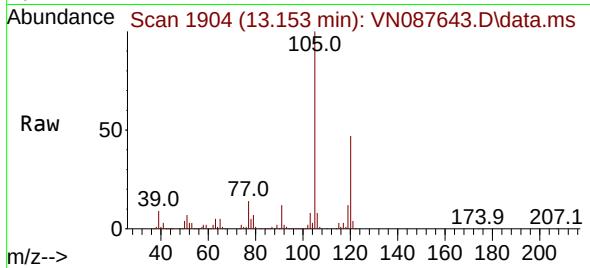




#82
4-Chlorotoluene
Concen: 5.492 ug/l
RT: 13.153 min Scan# 1912
Delta R.T. -0.047 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

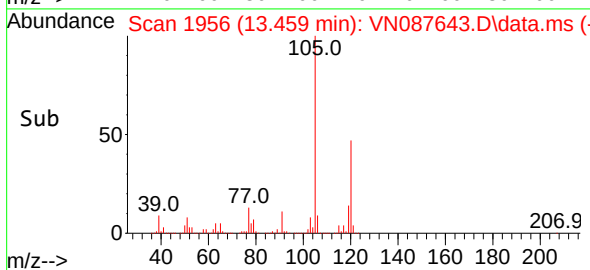
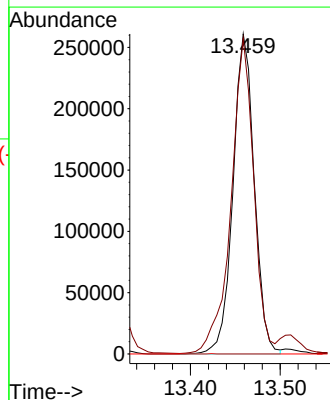
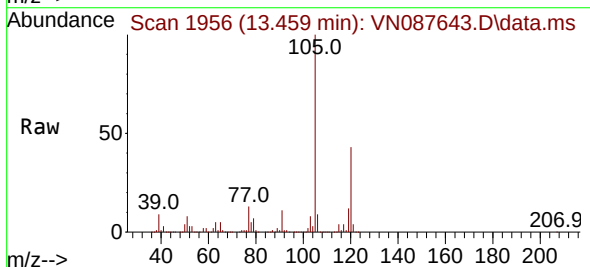
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

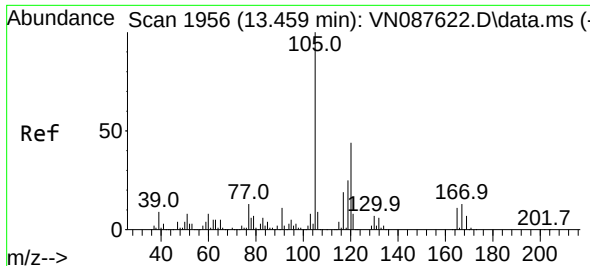
Tgt Ion: 91 Resp: 65401
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 39.788 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 119 Resp: 429794
Ion Ratio Lower Upper
119 100
91 105.1 35.0 105.0#
134 0.0 12.6 37.8#

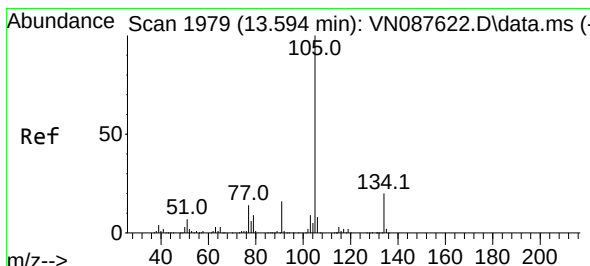
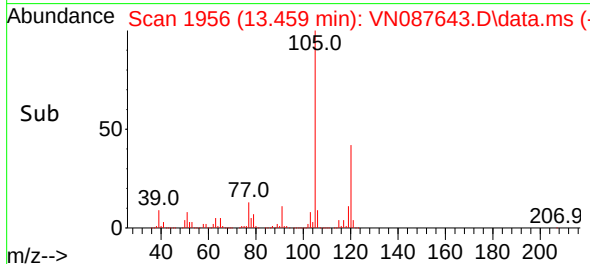
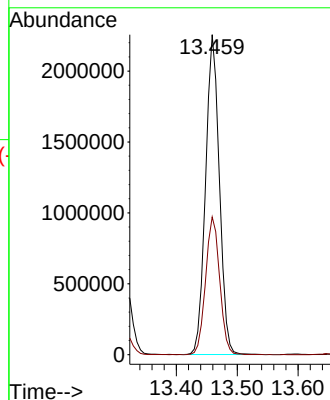
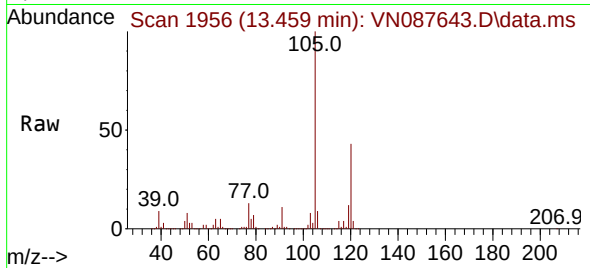




#84
1,2,4-Trimethylbenzene
Concen: 273.353 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

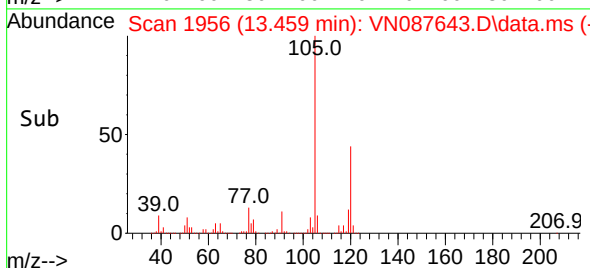
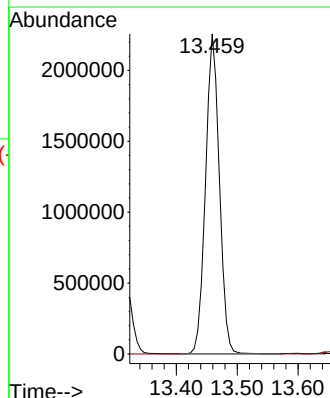
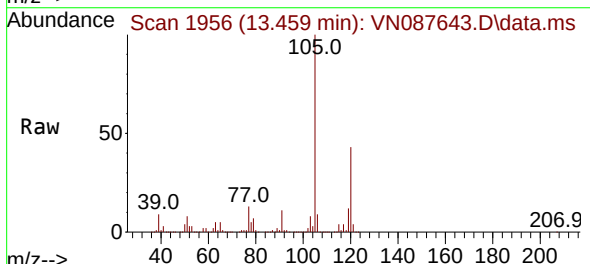
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

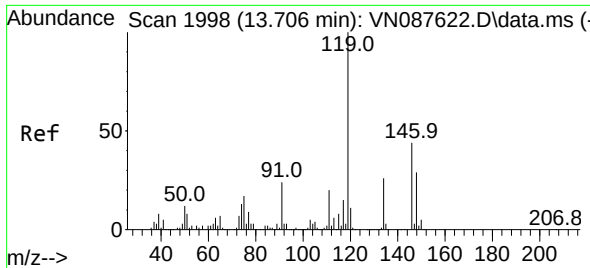
Tgt Ion:105 Resp: 3547203
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 221.242 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.135 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion:105 Resp: 3546581
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#

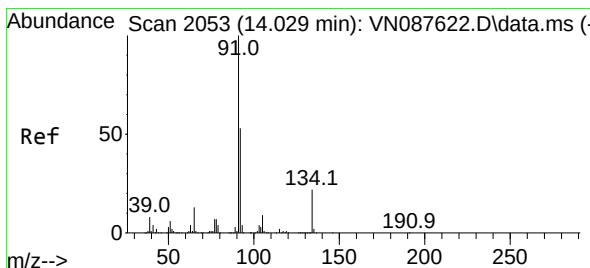
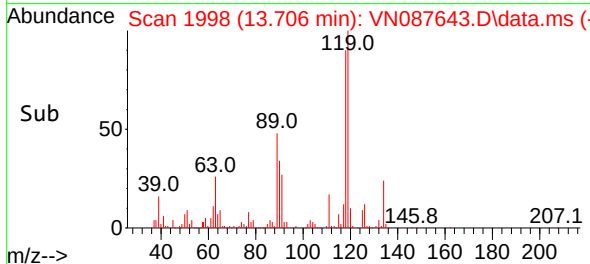
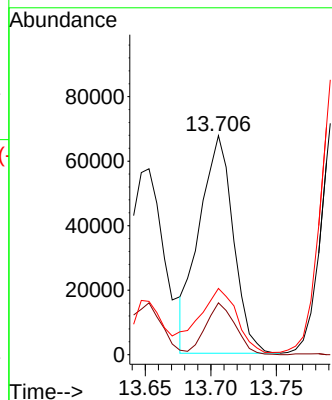
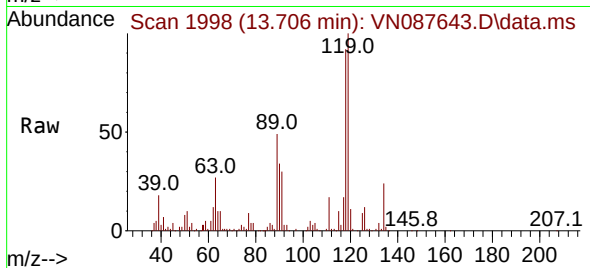




#86
p-Isopropyltoluene
Concen: 9.259 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

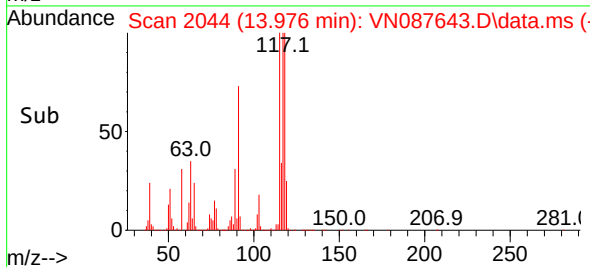
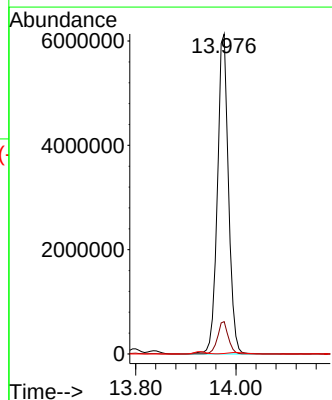
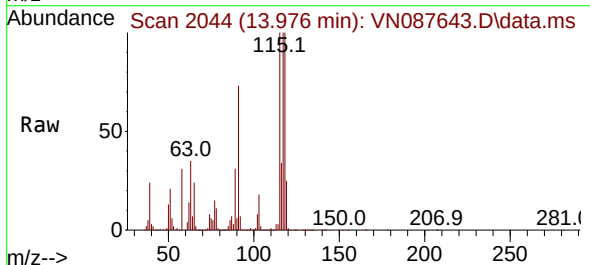
Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

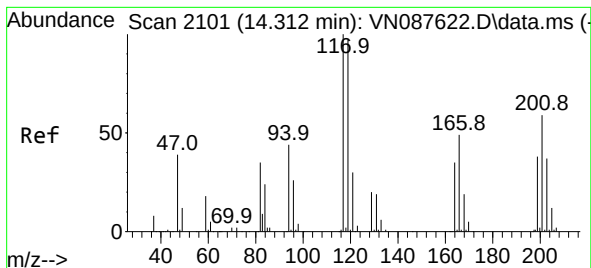
Tgt Ion:119 Resp: 122559
Ion Ratio Lower Upper
119 100
134 20.4 12.7 38.0
91 0.0 12.5 37.5#



#89
n-Butylbenzene
Concen: 712.290 ug/l
RT: 13.976 min Scan# 2044
Delta R.T. -0.053 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion: 91 Resp: 9364087
Ion Ratio Lower Upper
91 100
92 9.9 25.9 77.8#
134 0.0 11.7 35.0#





#90

Hexachloroethane

Concen: 17.915 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

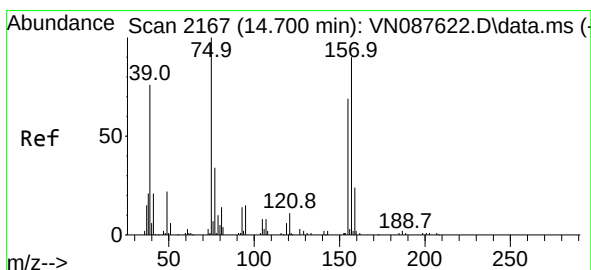
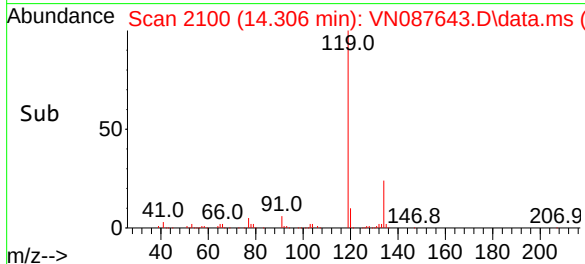
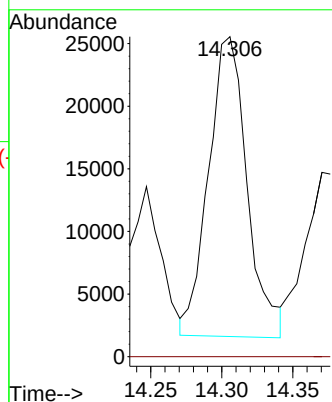
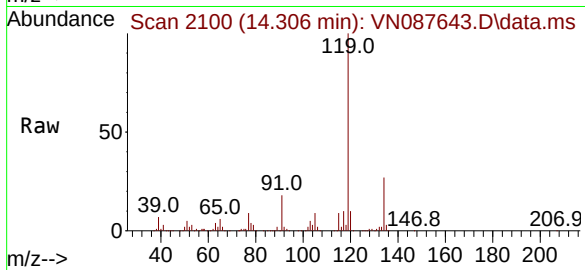
MW-19B-082125

Tgt Ion:117 Resp: 45179

Ion Ratio Lower Upper

117 100

201 0.0 29.1 87.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.222 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VN087643.D

Acq: 22 Aug 2025 15:47

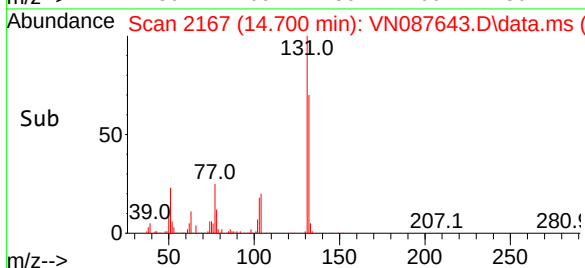
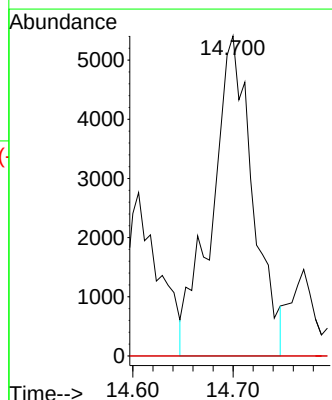
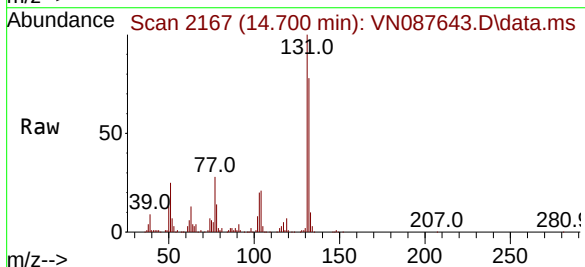
Tgt Ion: 75 Resp: 15274

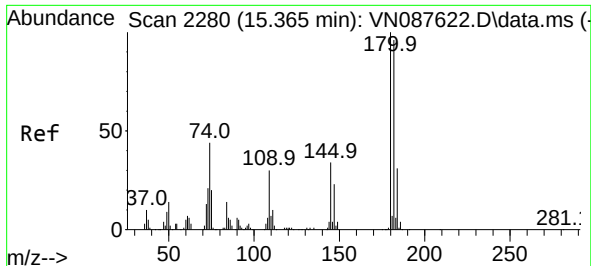
Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 0.0 45.6 136.9#

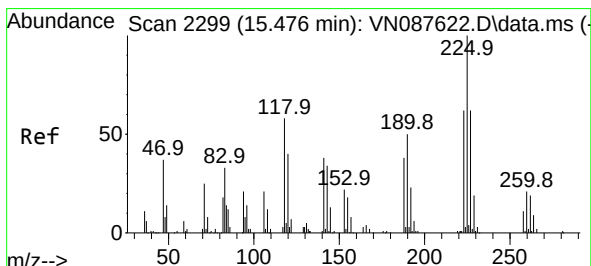
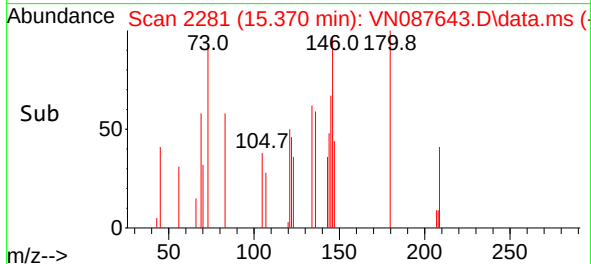
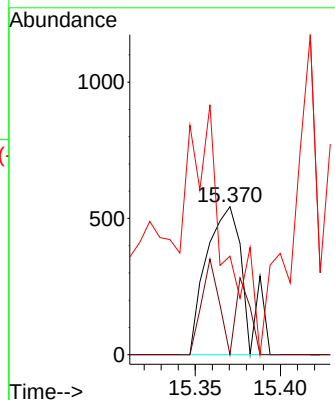
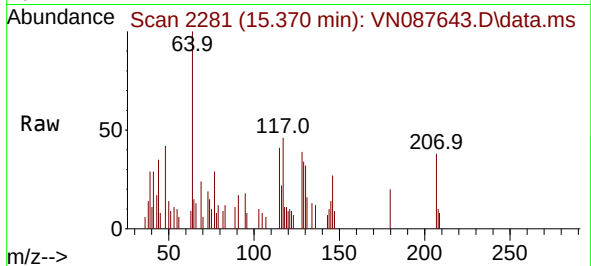




#93
1,2,4-Trichlorobenzene
Concen: 0.211 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW-19B-082125

Tgt Ion:180 Resp: 851
Ion Ratio Lower Upper
180 100
182 18.9 47.6 142.9#
145 0.0 16.5 49.5#



#94
Hexachlorobutadiene
Concen: 0.220 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. 0.012 min
Lab File: VN087643.D
Acq: 22 Aug 2025 15:47

Tgt Ion:225 Resp: 317
Ion Ratio Lower Upper
225 100
223 38.8 32.0 96.2
227 84.5 32.1 96.5

