

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087816.D
 Acq On : 12 Sep 2025 12:40
 Operator : JC\MD
 Sample : Q3078-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 250910074-01-VOA

Quant Time: Sep 12 22:52:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	55446	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	279587	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	261896	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	142320	30.048	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.167%	
60) 4-Bromofluorobenzene	12.829	95	118936	28.244	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.133%	
63) Toluene-d8	10.541	98	352072	28.907	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 96.367%	
Target Compounds						Qvalue
3) Chloromethane	2.383	50	2566	0.709	ug/l #	70
8) Diethyl Ether	3.953	74	12129	4.792	ug/l	97
11) Methyl Iodide	4.594	142	489	0.206	ug/l #	32
12) Methyl Acetate	5.018	43	11241	2.179	ug/l	94
13) Acrolein	3.806	56	186	0.202	ug/l	96
15) Acetone	4.418	58	650497	938.888	ug/l	89
16) Carbon Disulfide	4.706	76	10208	1.111	ug/l #	96
22) cis-1,2-Dichloroethene	7.459	96	1058	0.255	ug/l #	4
23) tert-Butyl Alcohol	5.518	59	3109972	3961.284	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	17071	1.429	ug/l #	90
30) 2-Butanone	7.465	43	3544664	1132.450	ug/l	97
31) 2,2-Dichloropropane	7.512	77	1276	0.233	ug/l #	55
34) Benzene	8.582	78	43742	2.979	ug/l #	85
35) Methacrylonitrile	7.777	41	76432	23.345	ug/l #	49
36) 1,2-Dichloroethane	8.647	62	14434	2.602	ug/l #	78
45) 1,4-Dioxane	9.677	88	3515	55.596	ug/l	87
46) Methyl methacrylate	9.665	41	4156	0.899	ug/l	75
56) Bromoform	12.823	173	1398	0.528	ug/l #	1
58) 4-Methyl-2-Pentanone	10.424	43	76210	12.307	ug/l	92
59) 2-Hexanone	11.153	43	120613	29.807	ug/l #	36
62) Toluene	10.606	91	109194	6.893	ug/l	98
64) Chlorobenzene	11.865	112	11337	1.166	ug/l	98
66) Ethyl Benzene	11.941	91	111813	6.542	ug/l	96
67) m/p-Xylenes	12.047	106	38245	6.028	ug/l	90
68) o-Xylene	12.376	106	20779	3.378	ug/l	86
70) Isopropylbenzene	12.676	105	10813	0.693	ug/l	96
74) n-propylbenzene	13.012	91	8823	0.448	ug/l	98
76) 1,3,5-Trimethylbenzene	13.147	105	8210	0.623	ug/l	93
79) tert-butylbenzene	13.653	119	2508	0.227	ug/l	45
80) 1,2,4-Trimethylbenzene	13.459	105	28180	2.087	ug/l	95
82) p-Isopropyltoluene	13.706	119	29215	2.186	ug/l	84
83) 1,3-Dichlorobenzene	13.794	146	23903	3.249	ug/l	95
84) 1,4-Dichlorobenzene	13.794	146	23903	3.242	ug/l	97
86) Hexachloroethane	14.306	117	583	0.215	ug/l #	21
87) 1,2-Dichlorobenzene	13.794	146	23903	3.445	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	399	0.321	ug/l #	10
91) Naphthalene	15.611	128	299400	20.608	ug/l	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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250910074-01-VOA

Quant Time: Sep 12 22:52:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

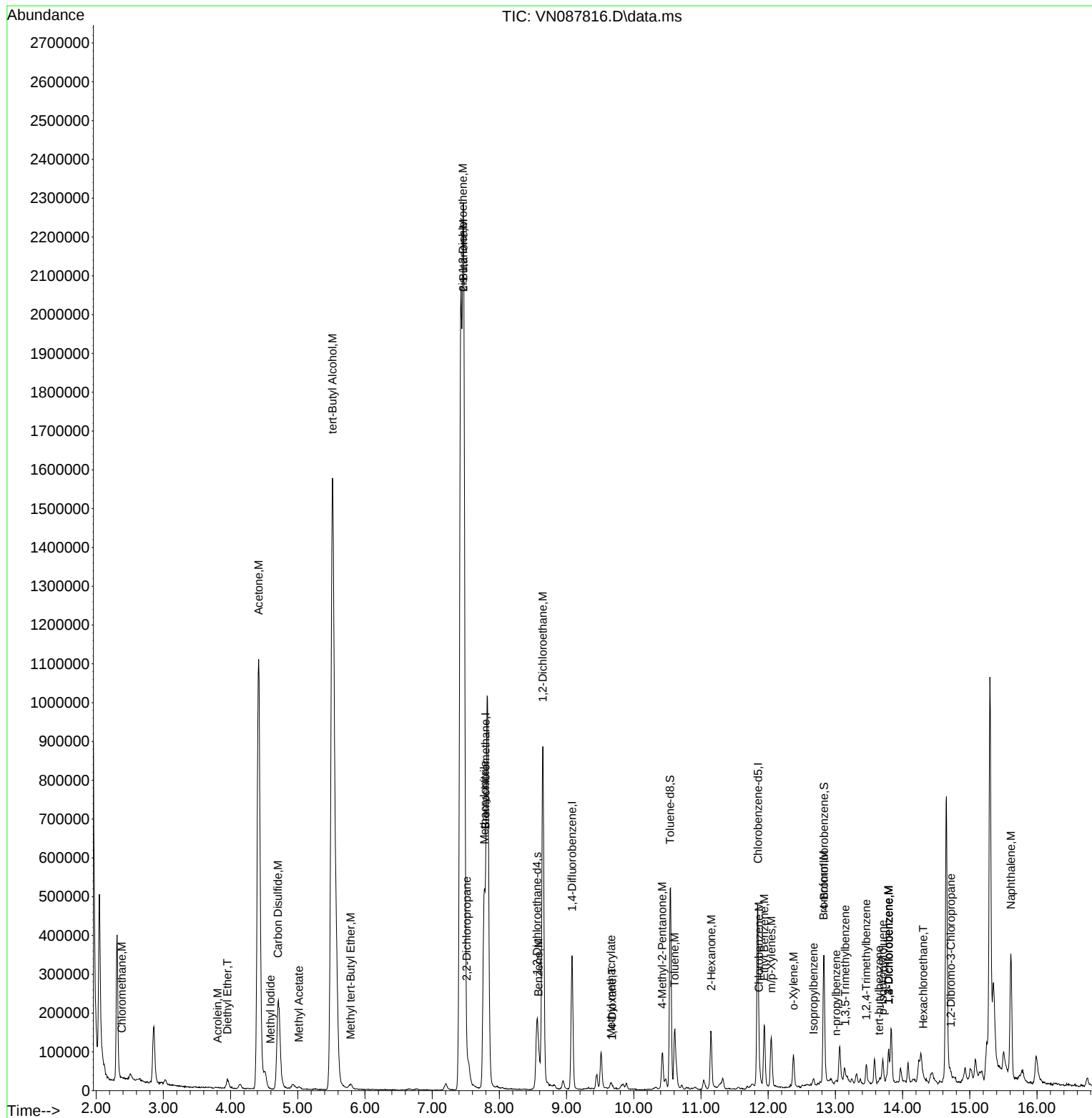
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

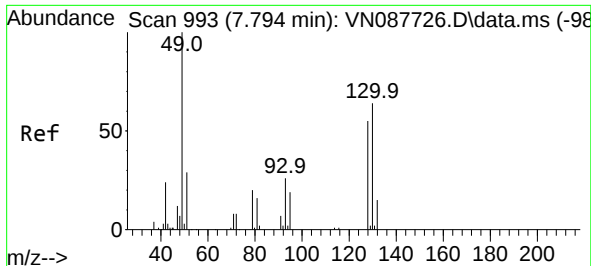
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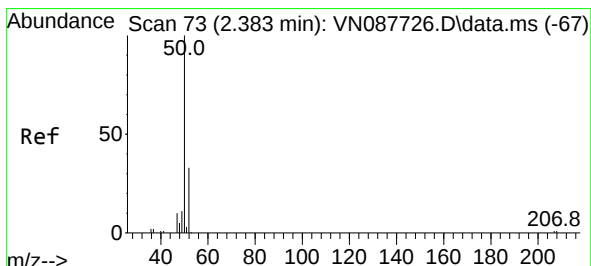
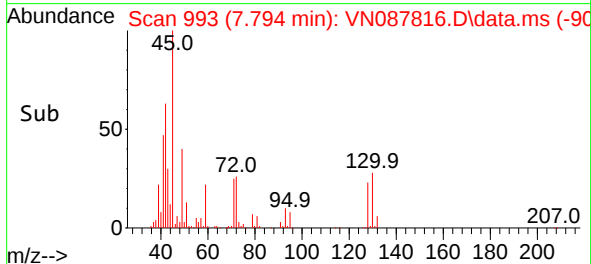
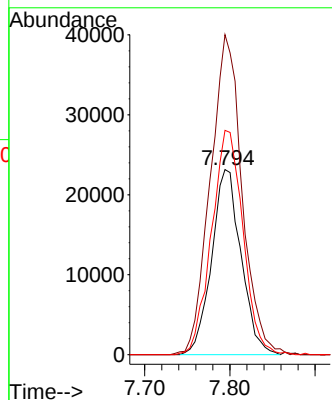
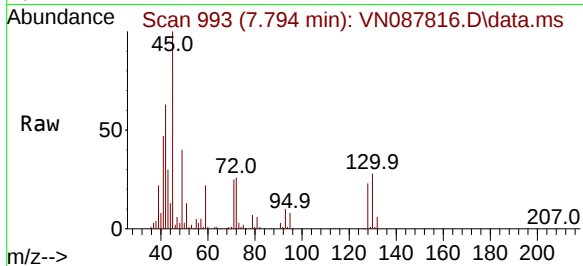




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

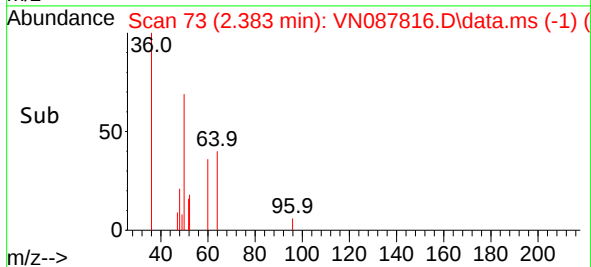
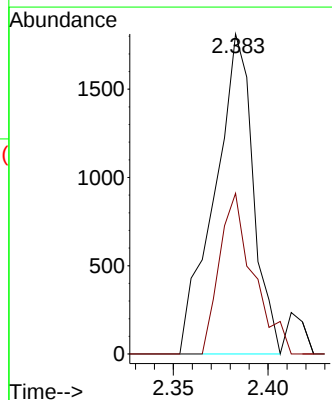
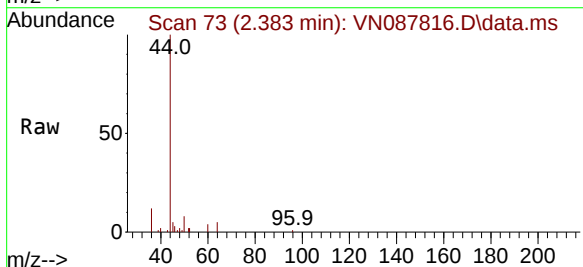
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

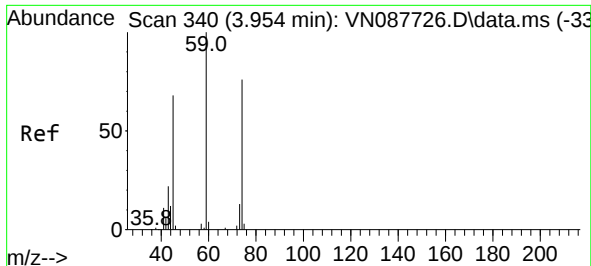
Tgt Ion:128 Resp: 55446
Ion Ratio Lower Upper
128 100
49 186.4 0.0 464.3
130 129.7 0.0 300.5



#3
Chloromethane
Concen: 0.709 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

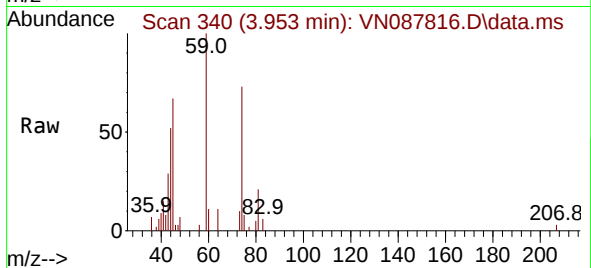
Tgt Ion: 50 Resp: 2566
Ion Ratio Lower Upper
50 100
52 50.2 26.6 40.0#



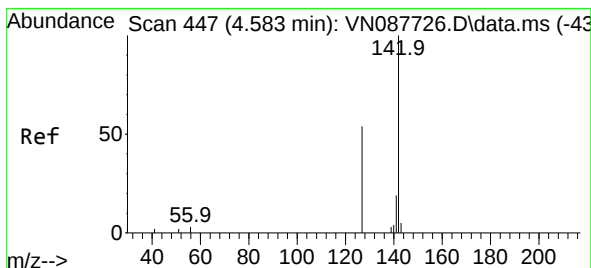
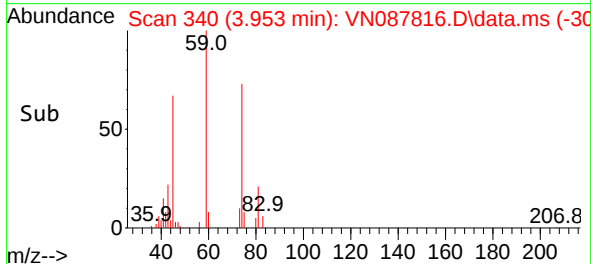
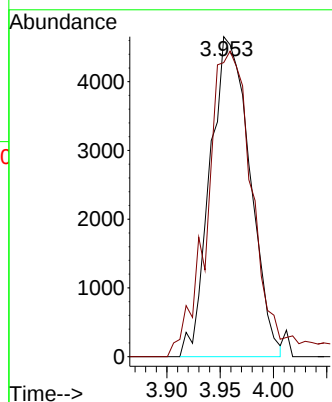


#8
Diethyl Ether
Concen: 4.792 ug/l
RT: 3.953 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

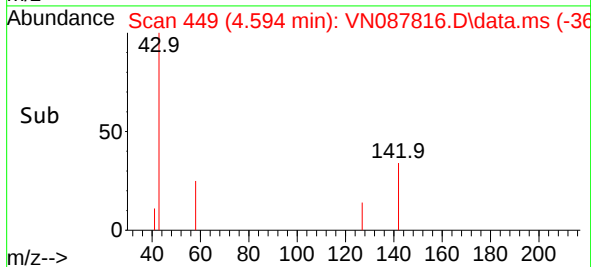
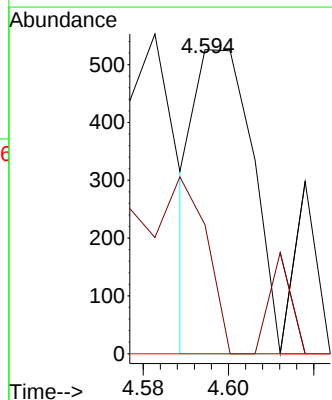
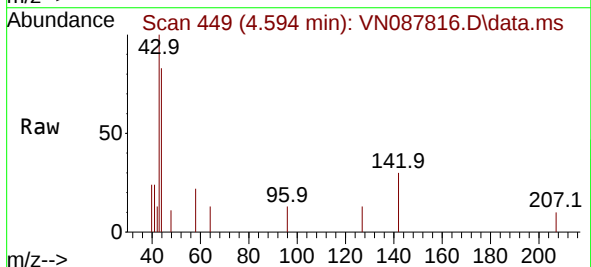


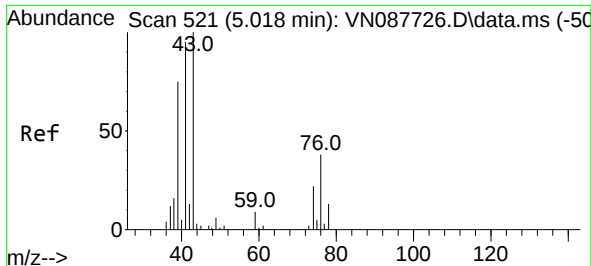
Tgt Ion: 74 Resp: 12129
Ion Ratio Lower Upper
74 100
45 105.4 20.4 183.8



#11
Methyl Iodide
Concen: 0.206 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 142 Resp: 489
Ion Ratio Lower Upper
142 100
127 0.0 27.9 83.7#
141 0.0 9.6 28.8#

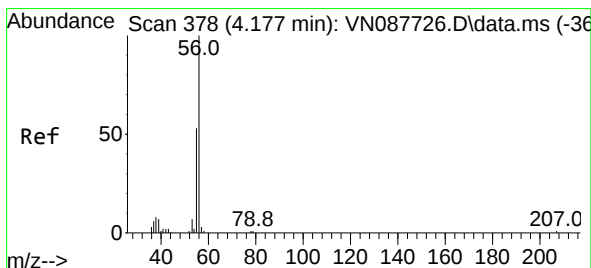
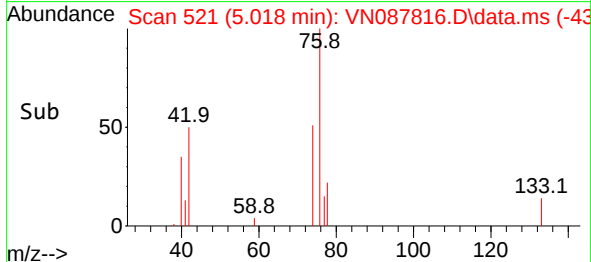
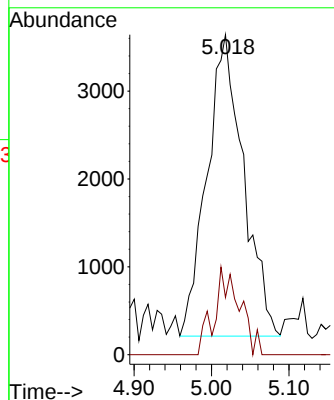
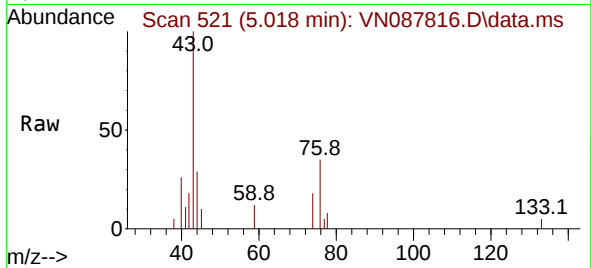




#12
Methyl Acetate
Concen: 2.179 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

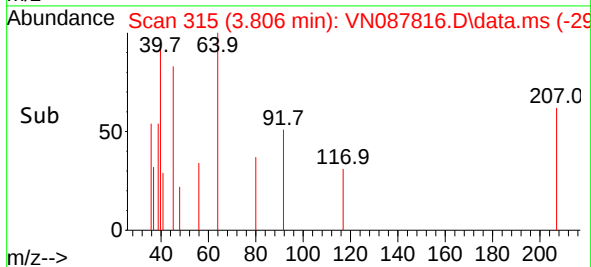
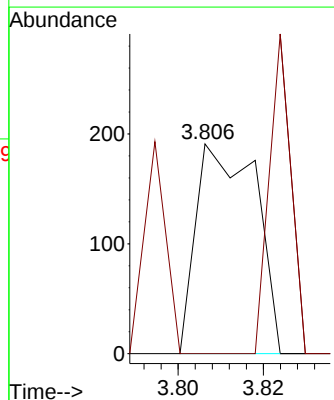
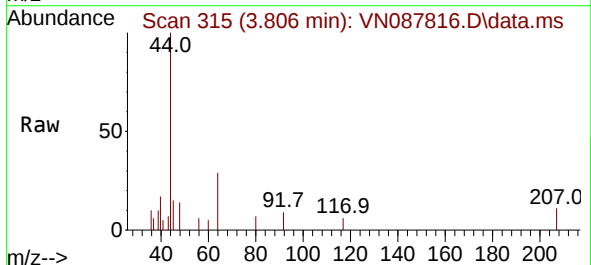
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

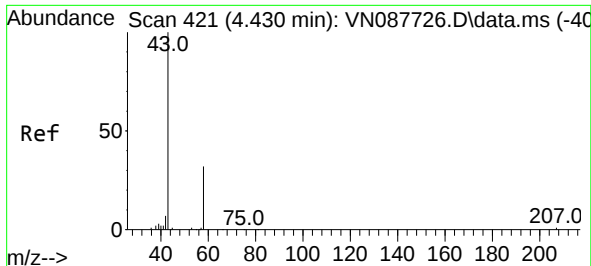
Tgt Ion: 43 Resp: 11241
Ion Ratio Lower Upper
43 100
74 19.1 17.5 26.3



#13
Acrolein
Concen: 0.202 ug/l
RT: 3.806 min Scan# 315
Delta R.T. -0.371 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 56 Resp: 186
Ion Ratio Lower Upper
56 100
55 38.2 28.6 42.8

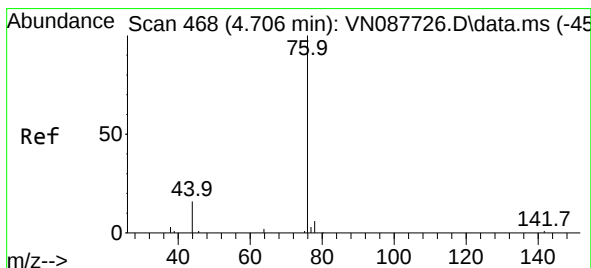
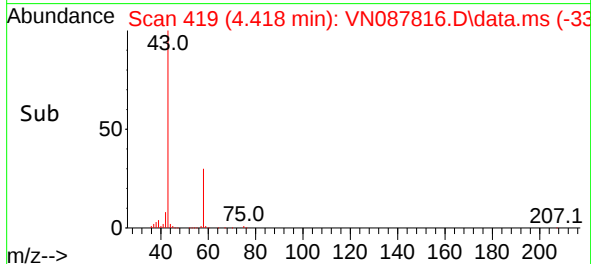
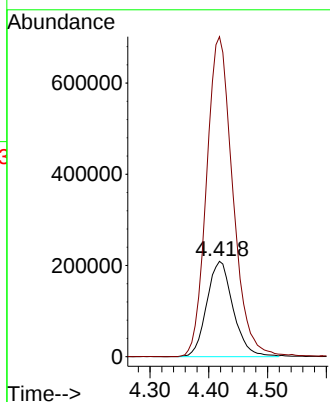
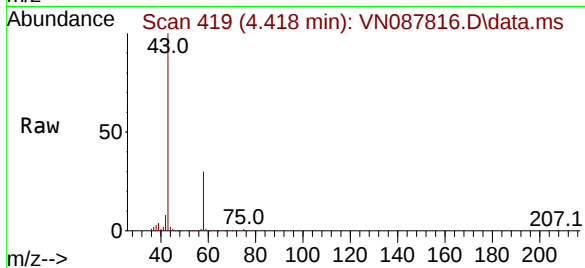




#15
Acetone
Concen: 938.888 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

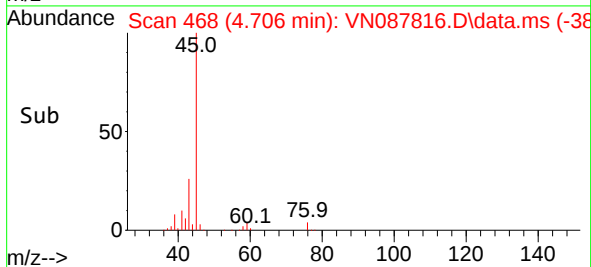
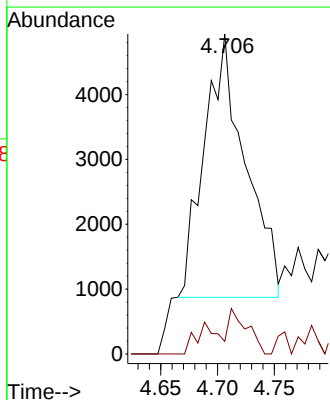
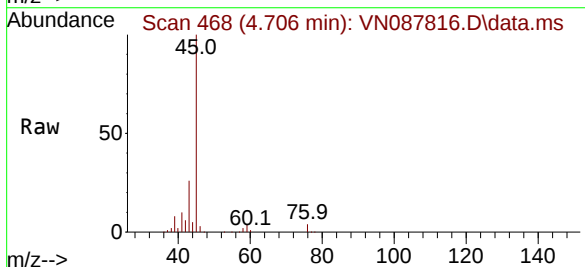
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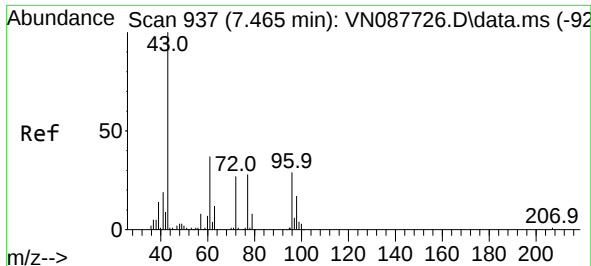
Tgt Ion: 58 Resp: 650497
Ion Ratio Lower Upper
58 100
43 335.1 250.6 376.0



#16
Carbon Disulfide
Concen: 1.111 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 76 Resp: 10208
Ion Ratio Lower Upper
76 100
78 4.8 5.0 7.6#

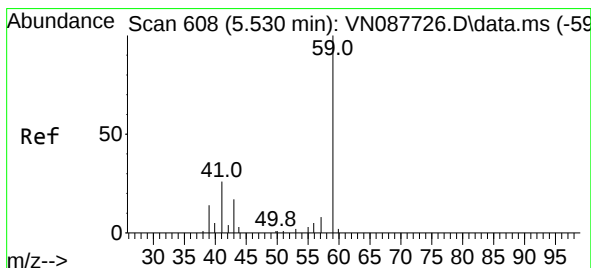
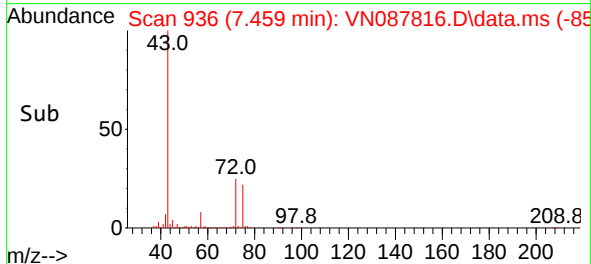
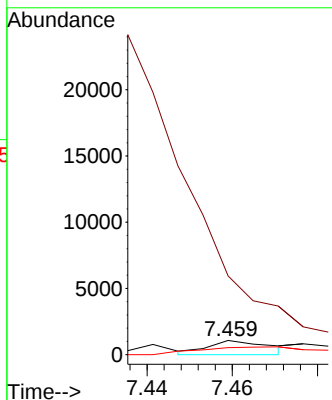
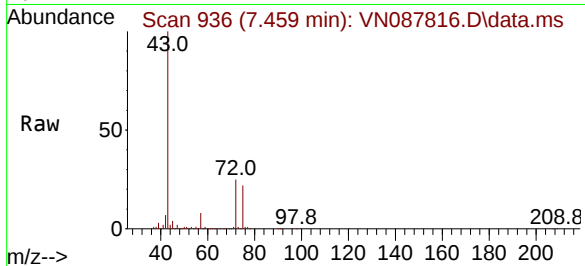




#22
 cis-1,2-Dichloroethene
 Concen: 0.255 ug/l
 RT: 7.459 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN087816.D
 Acq: 12 Sep 2025 12:40

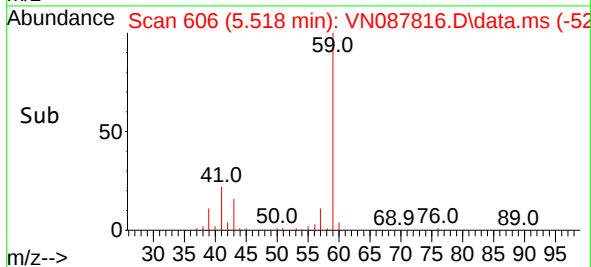
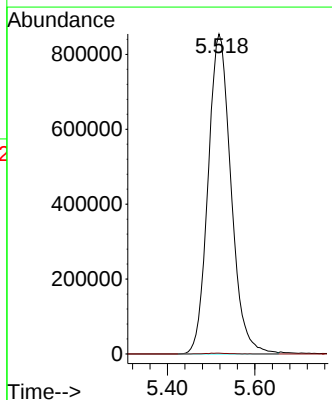
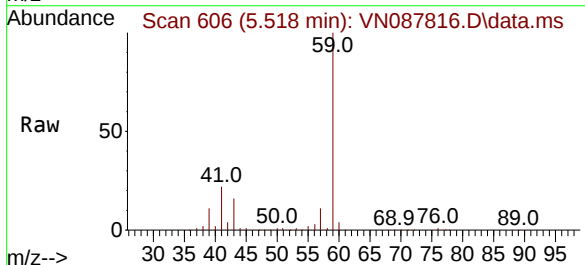
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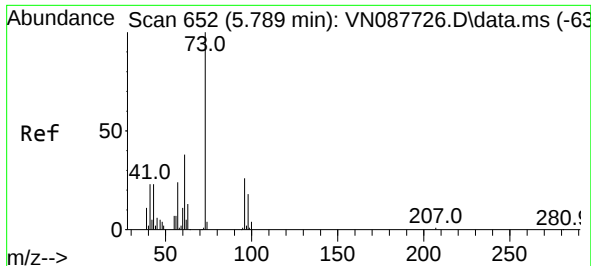
Tgt Ion: 96 Resp: 1058
 Ion Ratio Lower Upper
 96 100
 61 0.0 118.2 177.2#
 98 100.7 51.6 77.4#



#23
 tert-Butyl Alcohol
 Concen: 3961.284 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. -0.012 min
 Lab File: VN087816.D
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Tgt Ion: 59 Resp: 3109972
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

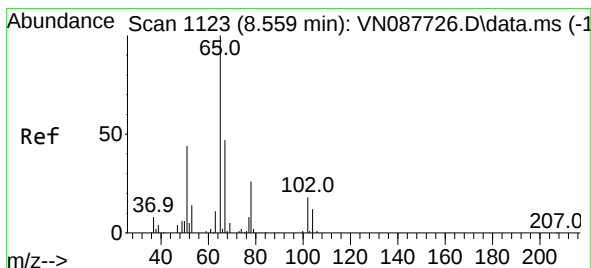
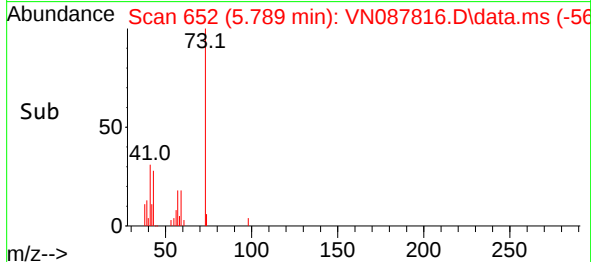
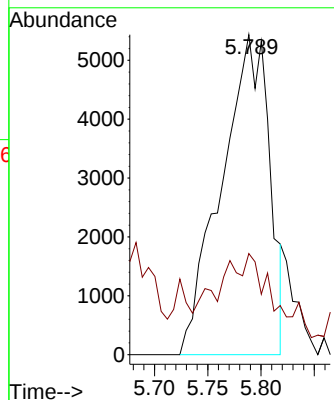
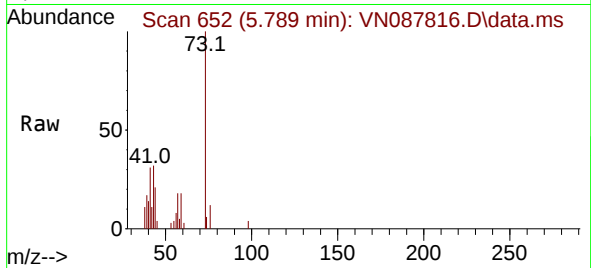




#24
Methyl tert-Butyl Ether
Concen: 1.429 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

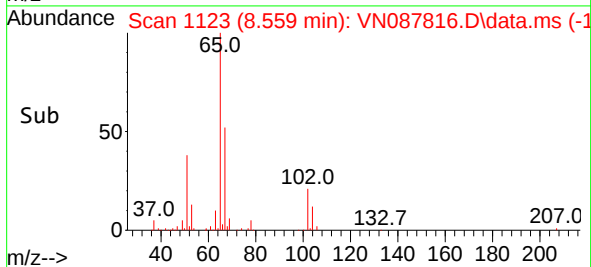
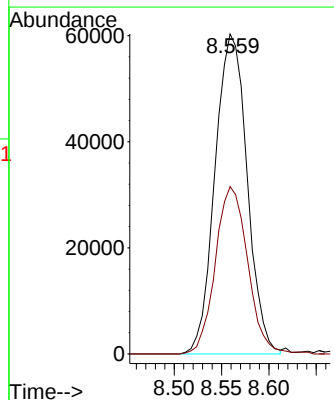
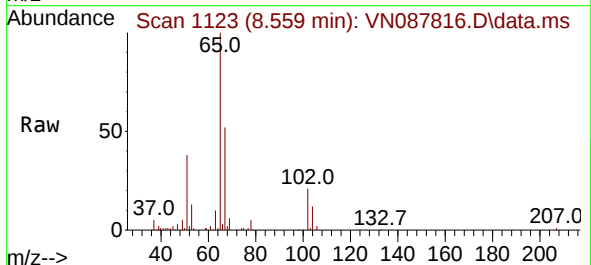
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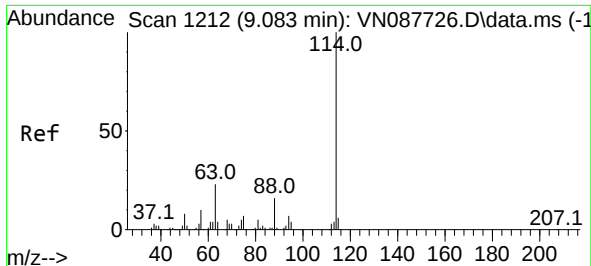
Tgt Ion: 73 Resp: 17071
Ion Ratio Lower Upper
73 100
43 16.4 16.8 25.2#



#27
1,2-Dichloroethane-d4
Concen: 30.048 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 65 Resp: 142320
Ion Ratio Lower Upper
65 100
67 52.5 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087816.D

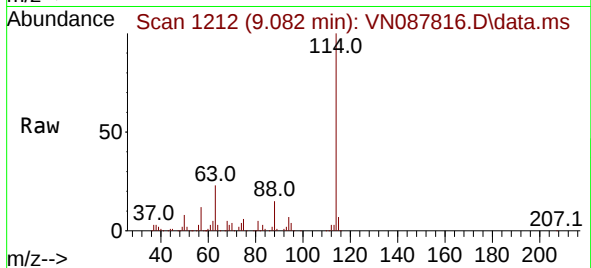
Acq: 12 Sep 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

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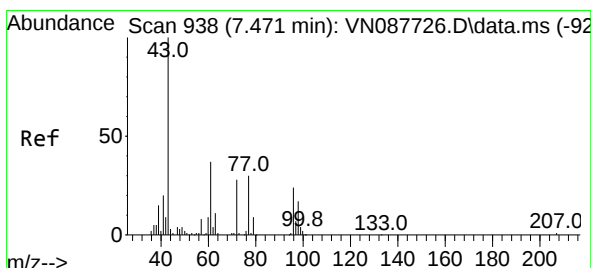
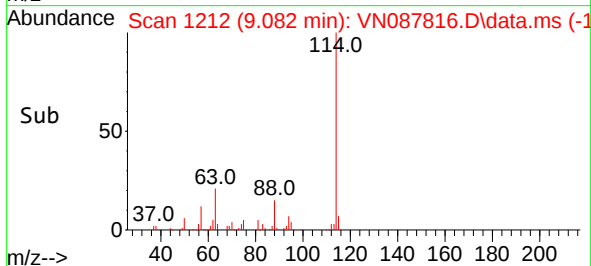
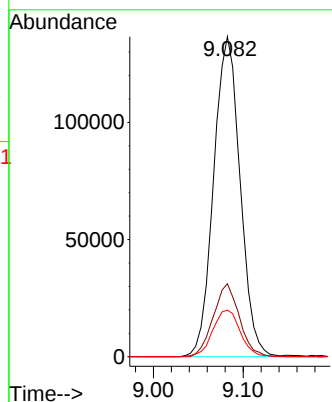
Tgt Ion:114 Resp: 279587

Ion Ratio Lower Upper

114 100

63 22.5 18.3 27.5

88 15.0 12.4 18.6



#30

2-Butanone

Concen: 1132.450 ug/l

RT: 7.465 min Scan# 937

Delta R.T. -0.006 min

Lab File: VN087816.D

Acq: 12 Sep 2025 12:40

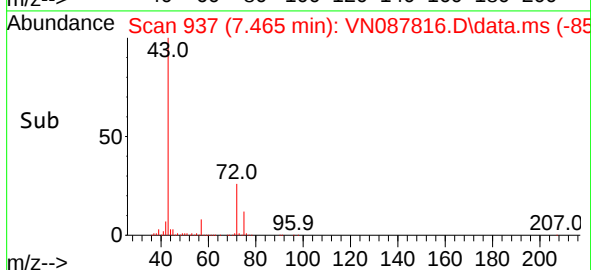
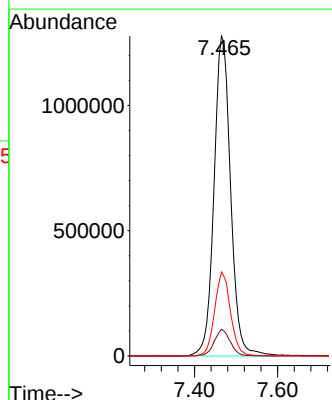
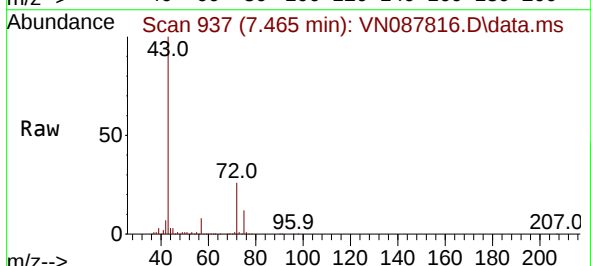
Tgt Ion: 43 Resp: 3544664

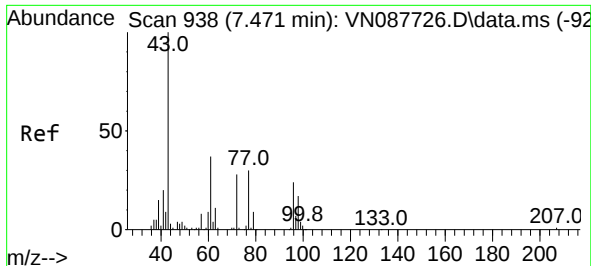
Ion Ratio Lower Upper

43 100

57 8.0 6.3 9.5

72 25.1 21.4 32.2

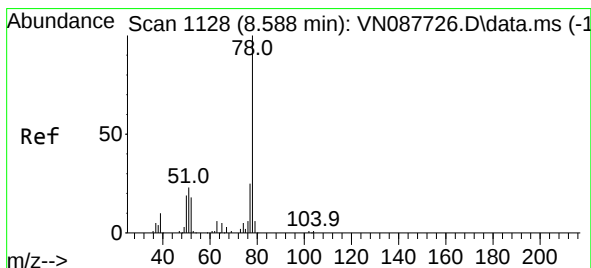
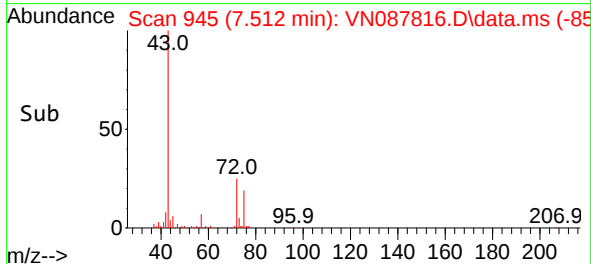
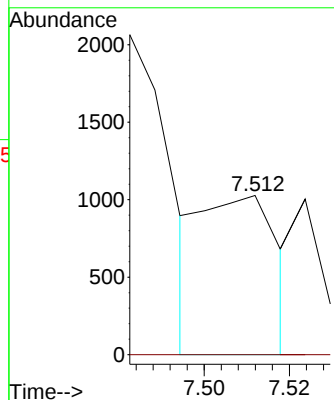
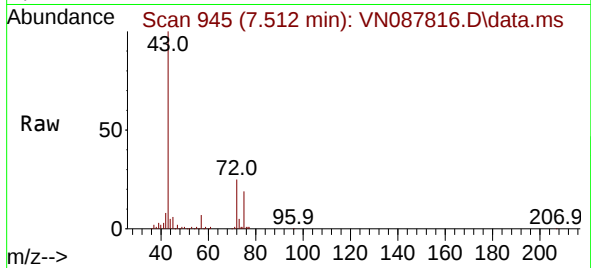




#31
2,2-Dichloropropane
Concen: 0.233 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.041 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

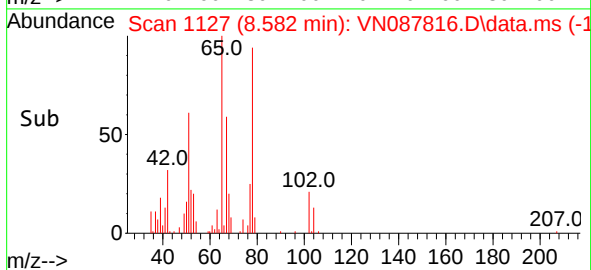
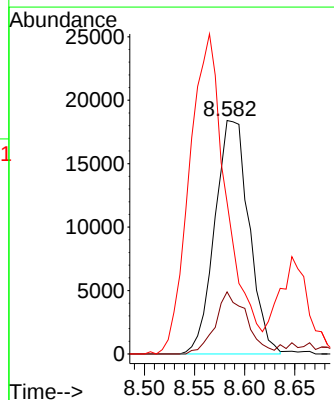
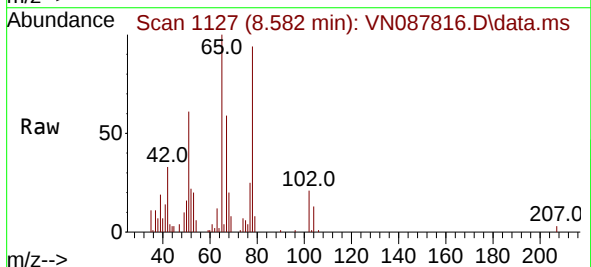
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

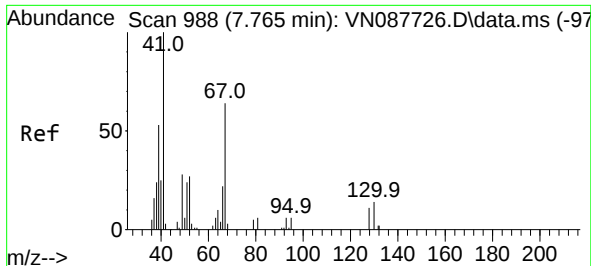
Tgt Ion: 77 Resp: 1276
Ion Ratio Lower Upper
77 100
97 0.0 17.1 25.7#



#34
Benzene
Concen: 2.979 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 78 Resp: 43742
Ion Ratio Lower Upper
78 100
77 26.6 20.3 30.5
51 36.9 18.0 27.0#

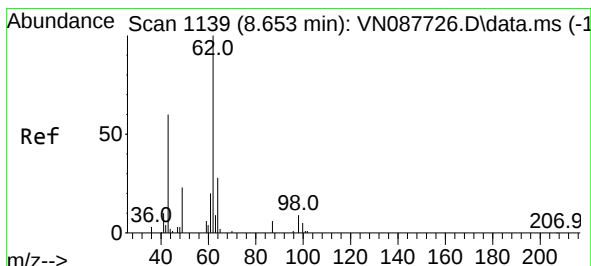
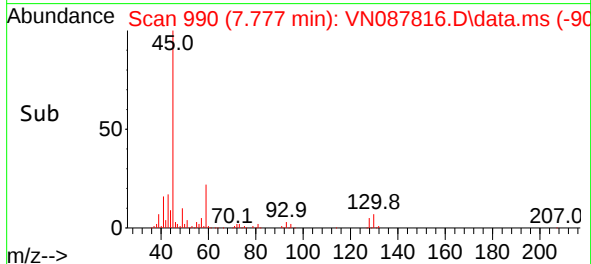
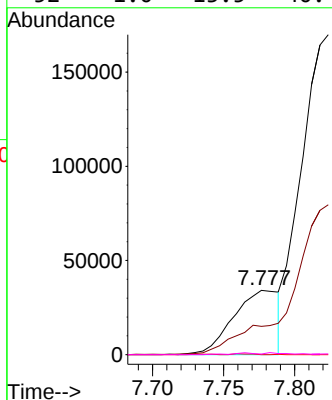
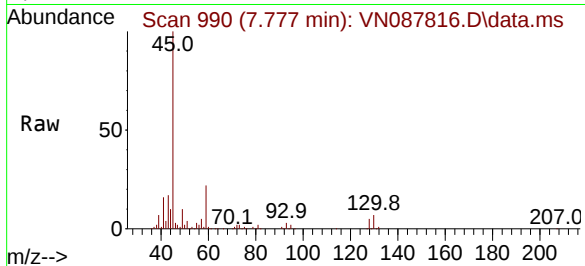




#35
Methacrylonitrile
Concen: 23.345 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

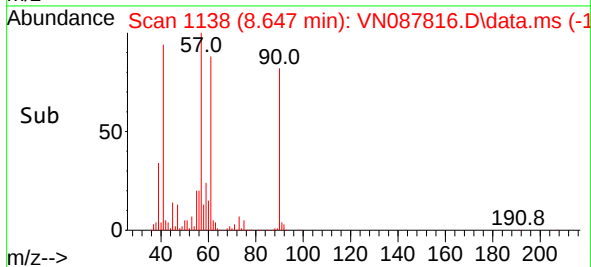
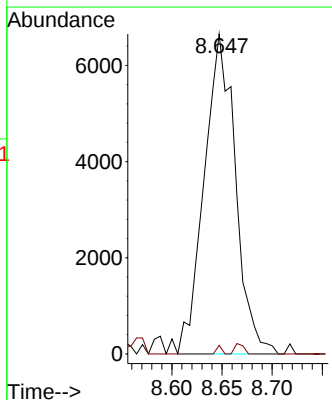
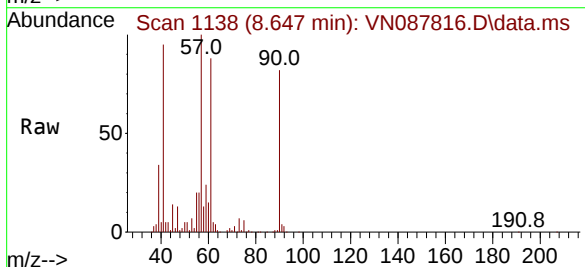
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

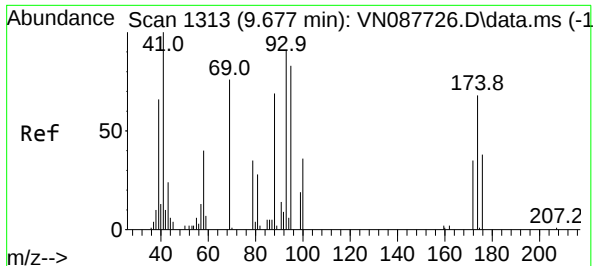
Tgt Ion:	41	Resp:	76432
Ion	Ratio	Lower	Upper
41	100		
39	43.1	27.1	81.2
67	0.0	32.1	96.5#
52	1.0	13.5	40.4#



#36
1,2-Dichloroethane
Concen: 2.602 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion:	62	Resp:	14434
Ion	Ratio	Lower	Upper
62	100		
98	0.9	7.2	10.8#





#45

1,4-Dioxane

Concen: 55.596 ug/l

RT: 9.677 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087816.D

Acq: 12 Sep 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

250910074-01-VOA

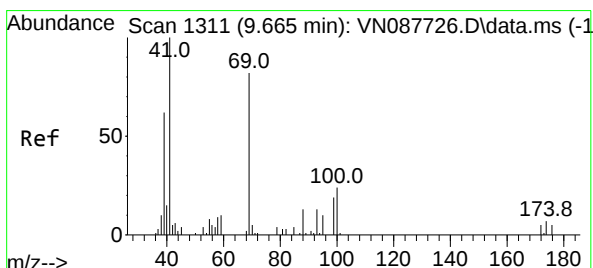
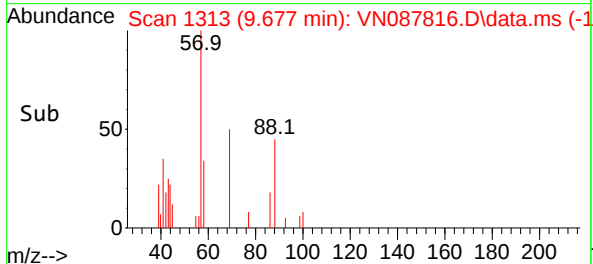
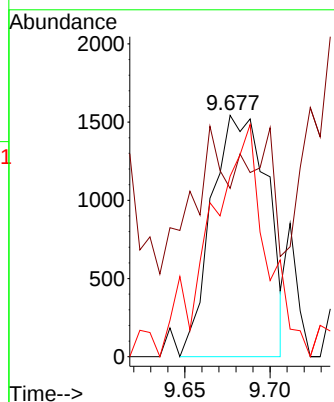
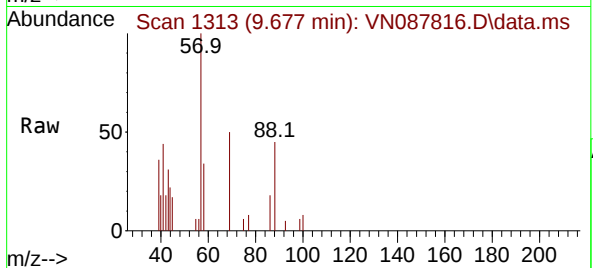
Tgt Ion: 88 Resp: 3515

Ion Ratio Lower Upper

88 100

43 23.8 23.6 35.4

58 87.0 60.5 90.7



#46

Methyl methacrylate

Concen: 0.899 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087816.D

Acq: 12 Sep 2025 12:40

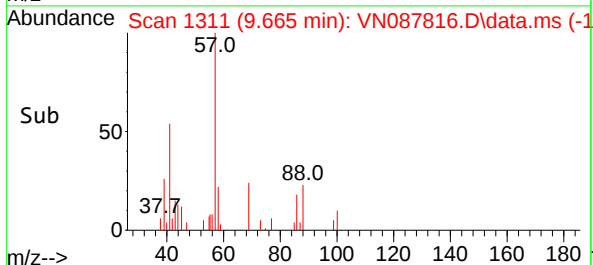
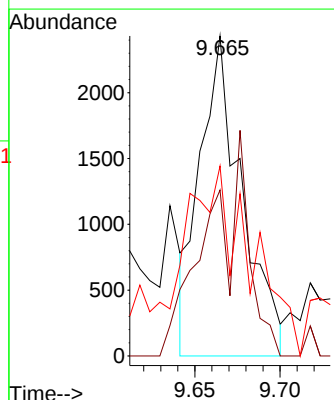
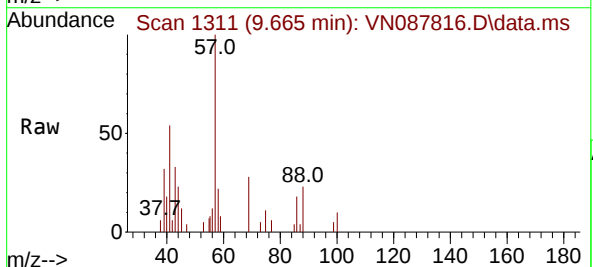
Tgt Ion: 41 Resp: 4156

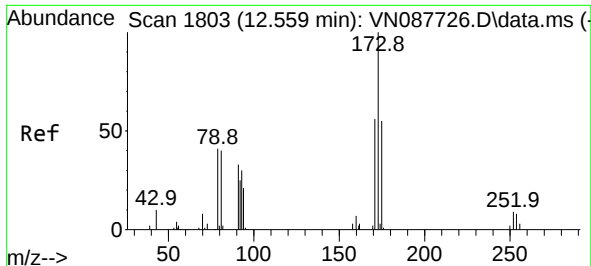
Ion Ratio Lower Upper

41 100

69 57.6 40.3 120.9

39 45.5 31.9 95.9

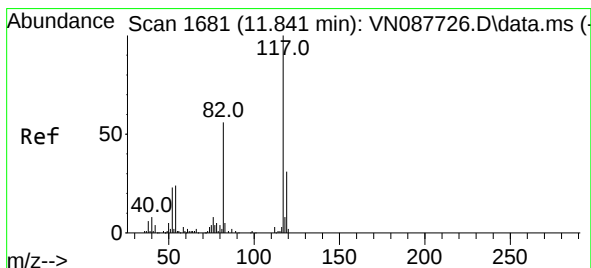
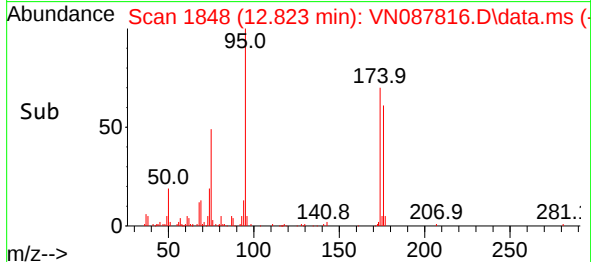
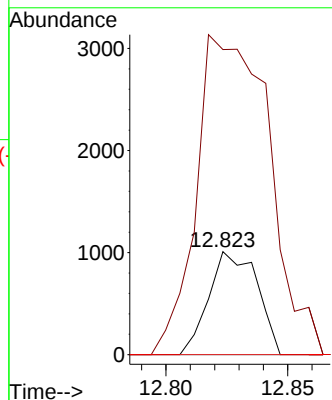
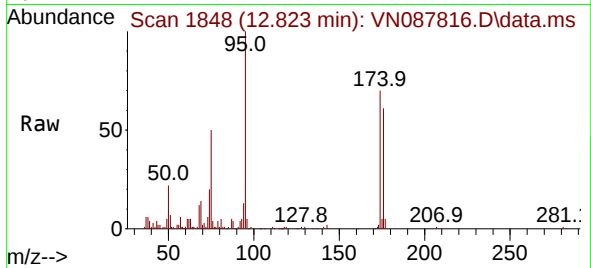




#56
Bromoform
Concen: 0.528 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

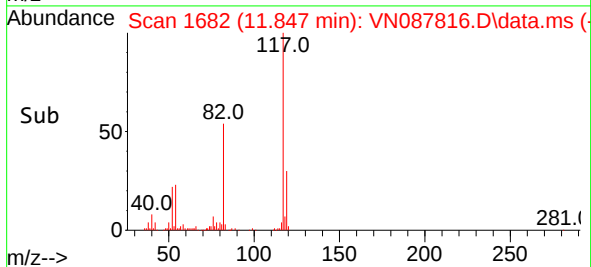
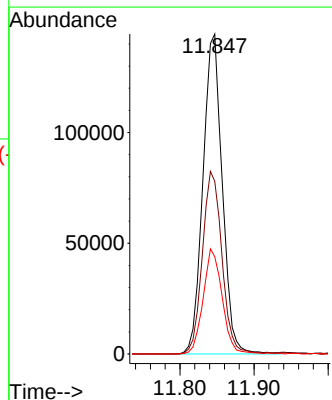
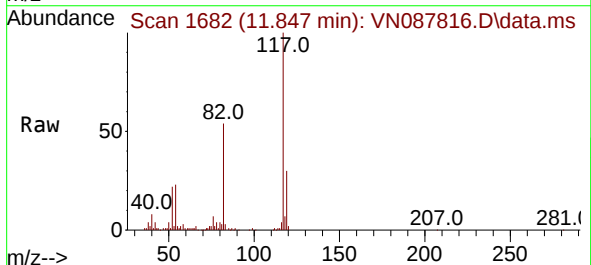
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

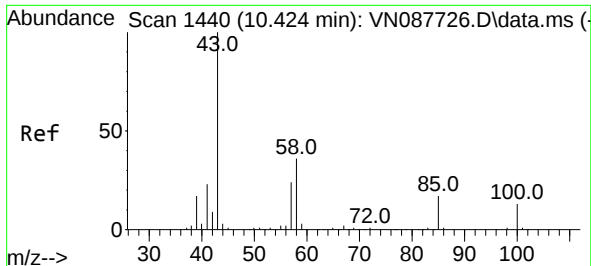
Tgt Ion:173 Resp: 1398
Ion Ratio Lower Upper
173 100
175 466.7 39.8 59.6#
254 0.0 6.2 9.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion:117 Resp: 261896
Ion Ratio Lower Upper
117 100
82 57.8 45.9 68.9
119 32.3 25.3 37.9

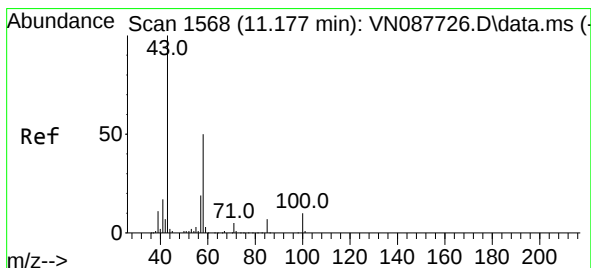
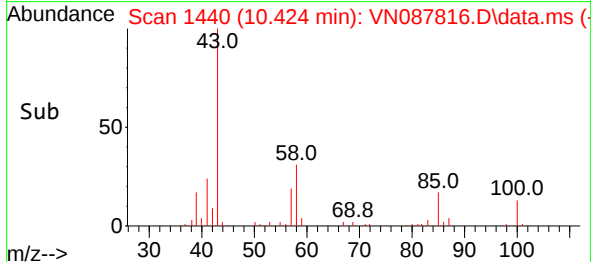
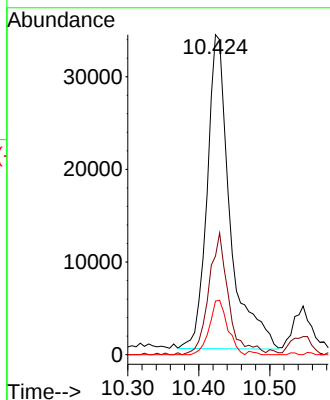
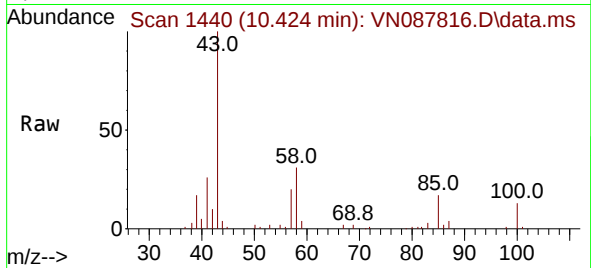




#58
4-Methyl-2-Pentanone
Concen: 12.307 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

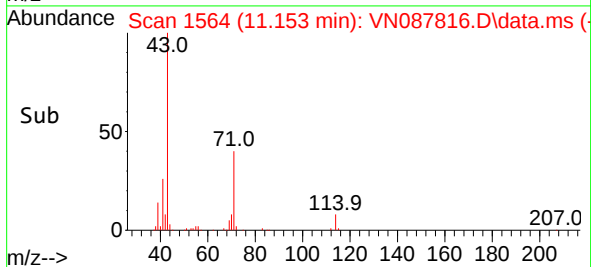
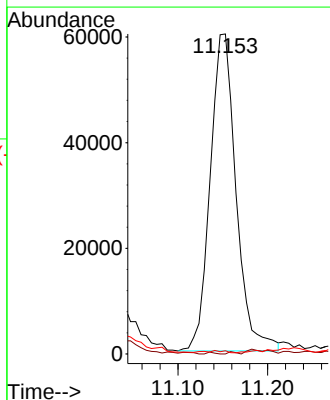
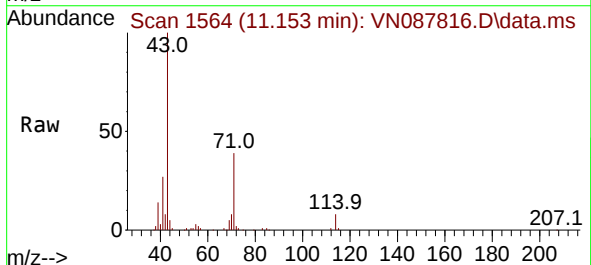
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

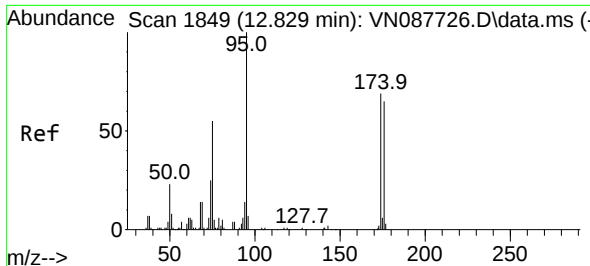
Tgt Ion:	43	Resp:	76210
Ion	Ratio	Lower	Upper
43	100		
58	31.8	29.6	44.4
85	13.7	13.0	19.4



#59
2-Hexanone
Concen: 29.807 ug/l
RT: 11.153 min Scan# 1564
Delta R.T. -0.024 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion:	43	Resp:	120613
Ion	Ratio	Lower	Upper
43	100		
58	0.2	40.2	60.4#
57	0.0	13.7	20.5#

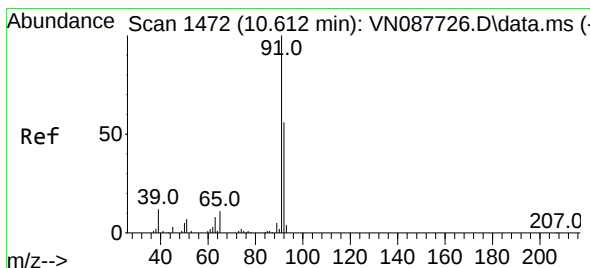
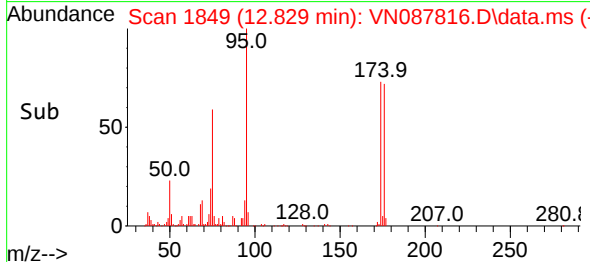
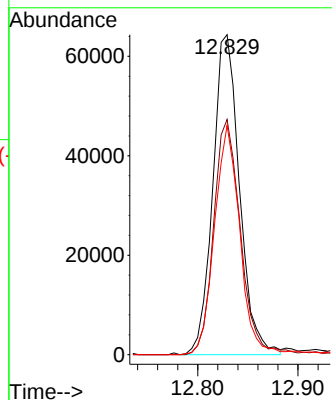
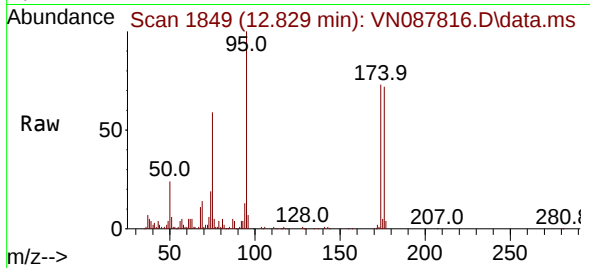




#60
4-Bromofluorobenzene
Concen: 28.244 ug/l
RT: 12.829 min Scan# 118936
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

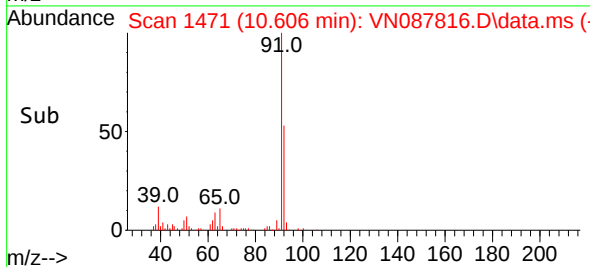
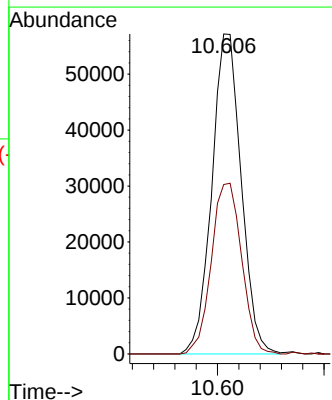
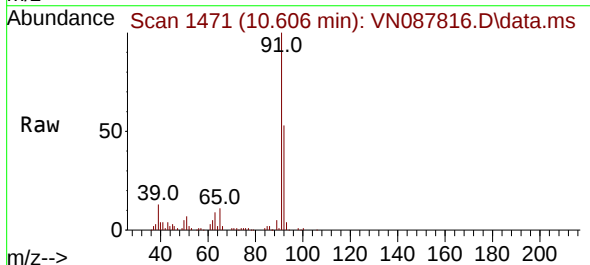
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

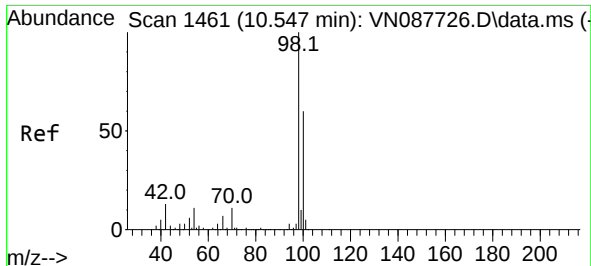
Tgt Ion: 95 Resp: 118936
Ion Ratio Lower Upper
95 100
174 73.6 55.4 83.0
176 67.8 51.5 77.3



#62
Toluene
Concen: 6.893 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 91 Resp: 109194
Ion Ratio Lower Upper
91 100
92 55.0 45.4 68.0

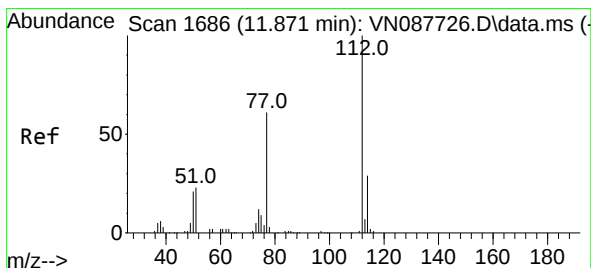
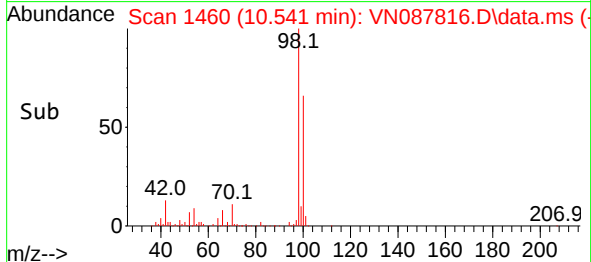
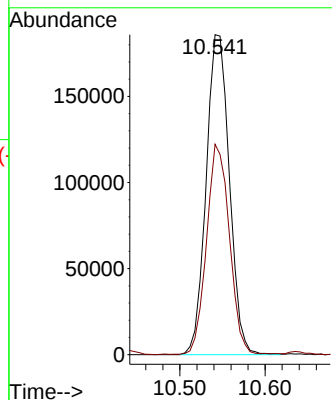
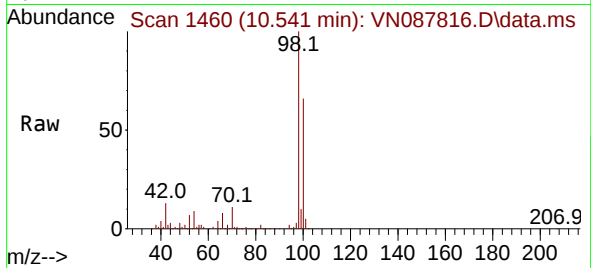




#63
Toluene-d8
Concen: 28.907 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

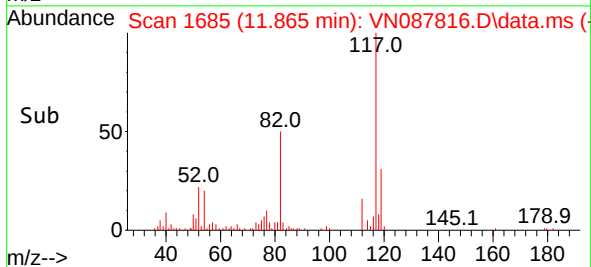
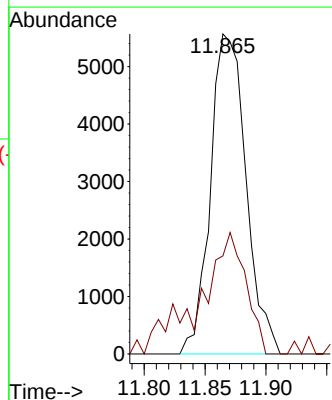
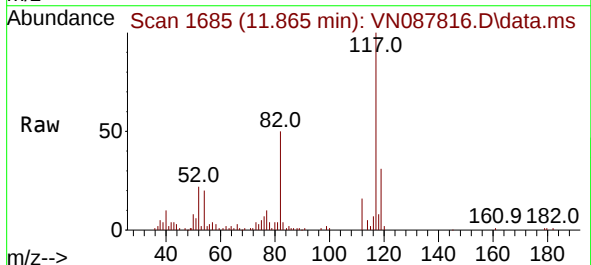
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

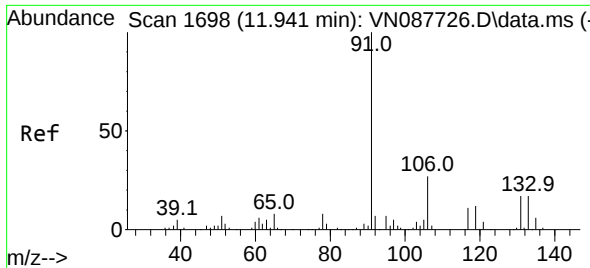
Tgt Ion: 98 Resp: 352072
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0



#64
Chlorobenzene
Concen: 1.166 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 112 Resp: 11337
Ion Ratio Lower Upper
112 100
114 30.6 23.5 35.3

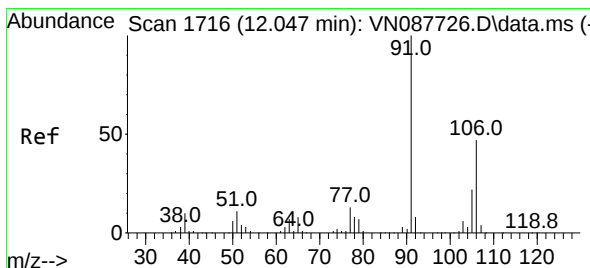
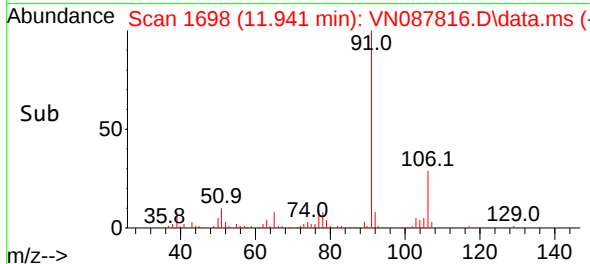
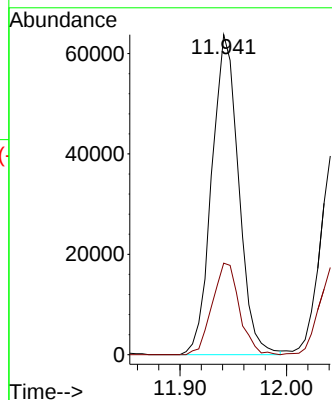
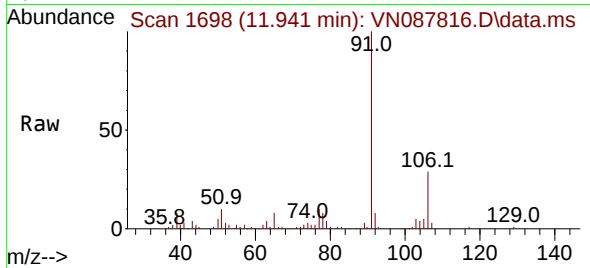




#66
Ethyl Benzene
Concen: 6.542 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

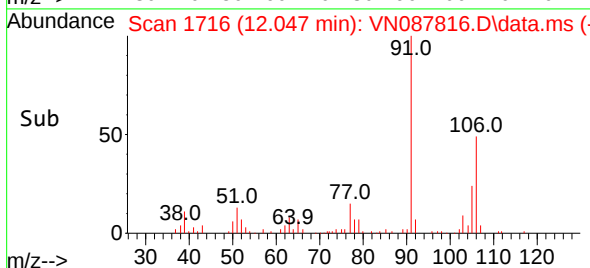
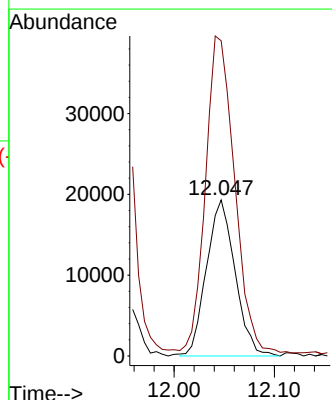
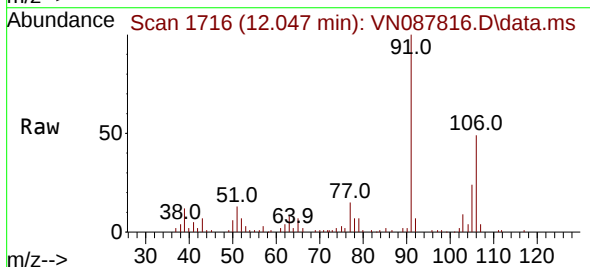
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

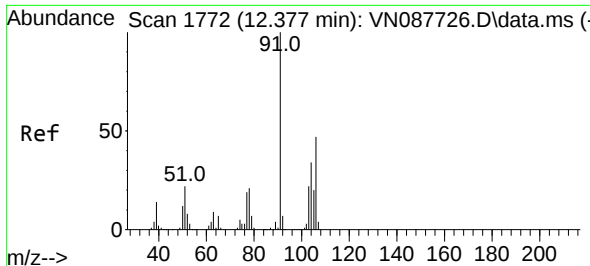
Tgt Ion: 91 Resp: 111813
Ion Ratio Lower Upper
91 100
106 28.6 21.3 31.9



#67
m/p-Xylenes
Concen: 6.028 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion: 106 Resp: 38245
Ion Ratio Lower Upper
106 100
91 201.6 174.3 261.5

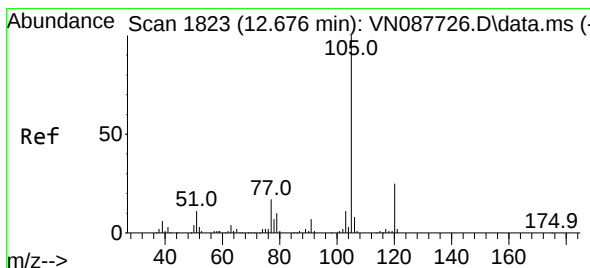
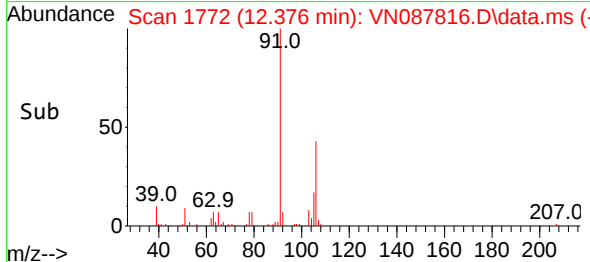
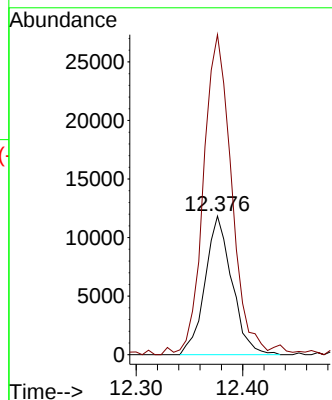
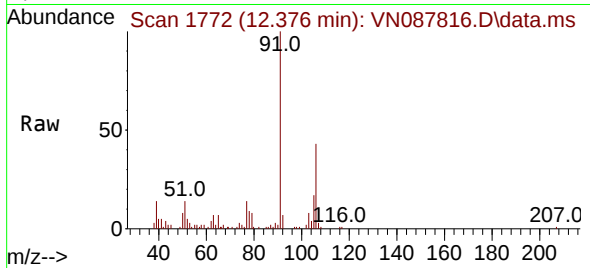




#68
o-Xylene
Concen: 3.378 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

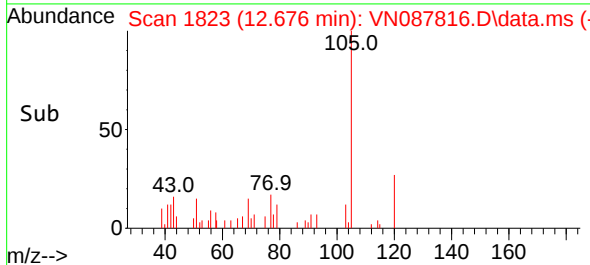
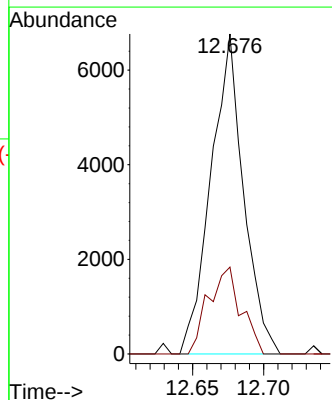
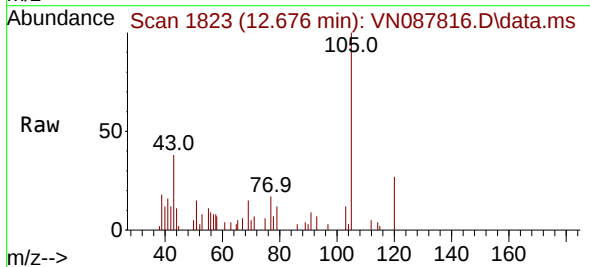
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

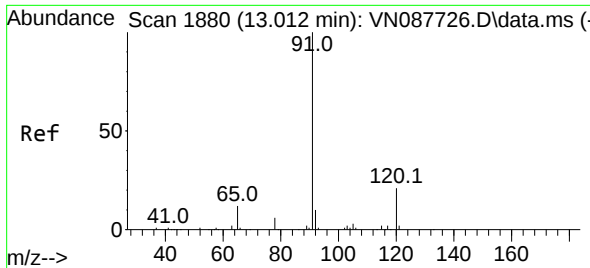
Tgt Ion:106 Resp: 20779
Ion Ratio Lower Upper
106 100
91 237.6 107.7 323.3



#70
Isopropylbenzene
Concen: 0.693 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion:105 Resp: 10813
Ion Ratio Lower Upper
105 100
120 27.2 17.4 32.4

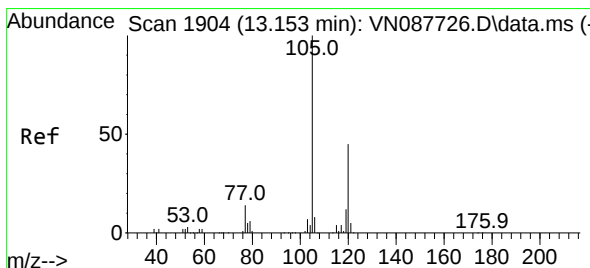
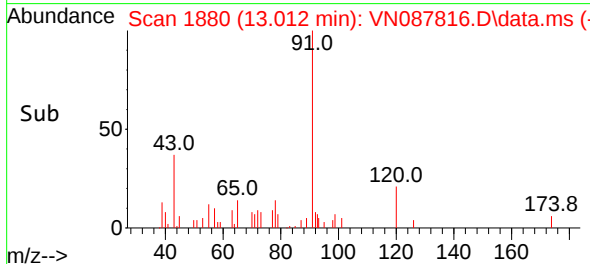
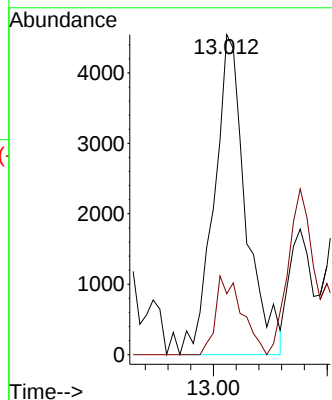
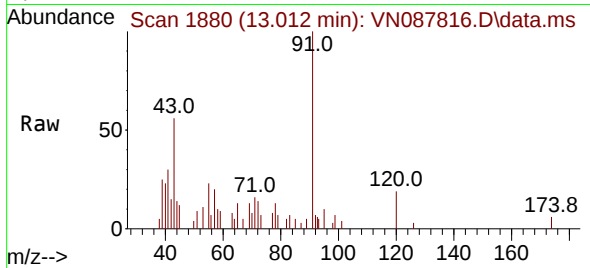




#74
n-propylbenzene
Concen: 0.448 ug/l
RT: 13.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

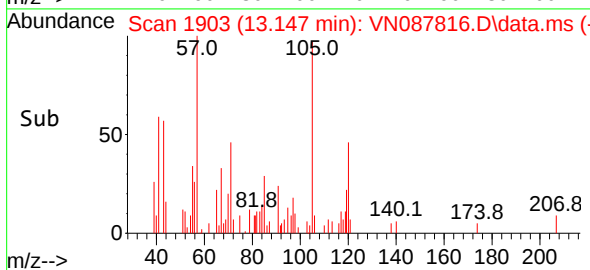
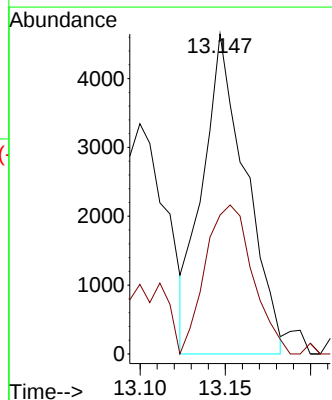
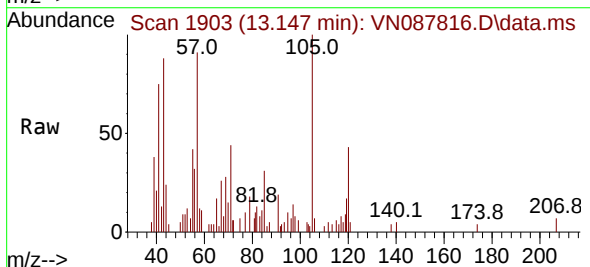
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

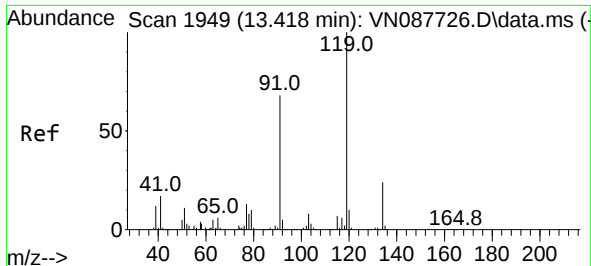
Tgt Ion: 91 Resp: 8823
Ion Ratio Lower Upper
91 100
120 20.3 0.0 42.2



#76
1,3,5-Trimethylbenzene
Concen: 0.623 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion:105 Resp: 8210
Ion Ratio Lower Upper
105 100
120 50.9 0.0 92.6

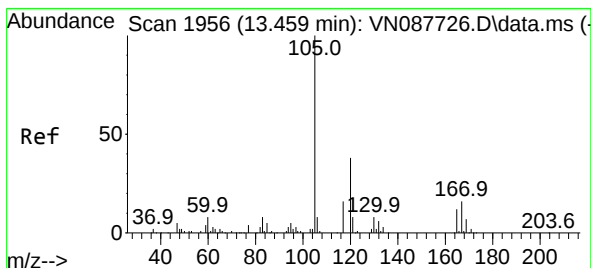
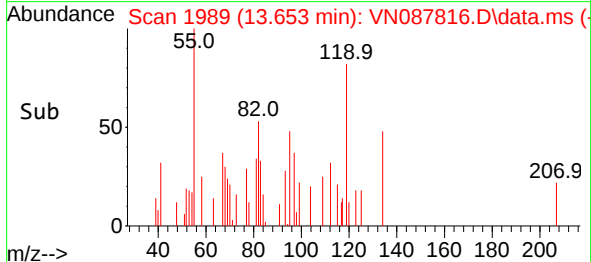
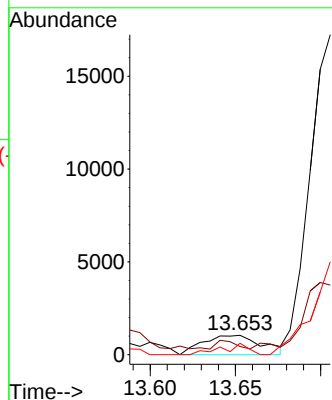
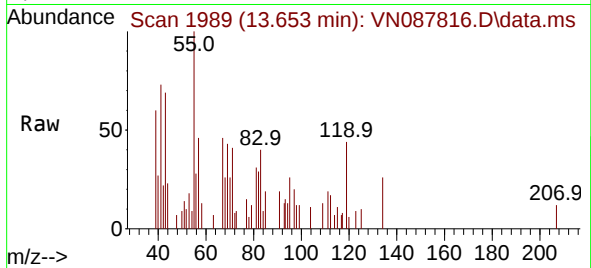




#79
tert-butylbenzene
Concen: 0.227 ug/l
RT: 13.653 min Scan# 1989
Delta R.T. 0.235 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

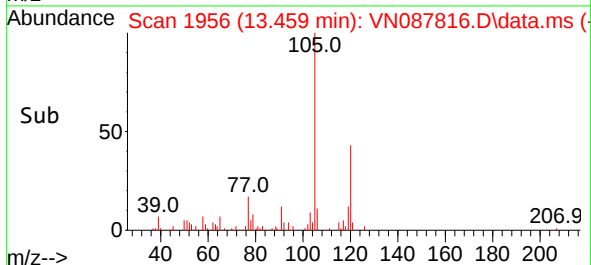
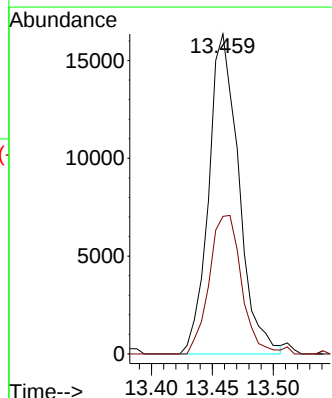
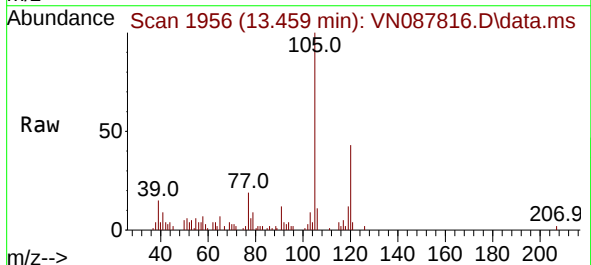
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

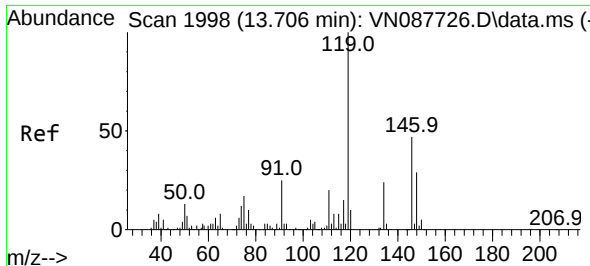
Tgt Ion:119 Resp: 2508
Ion Ratio Lower Upper
119 100
91 16.6 0.0 142.6
134 12.6 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 2.087 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion:105 Resp: 28180
Ion Ratio Lower Upper
105 100
120 46.2 0.0 86.6

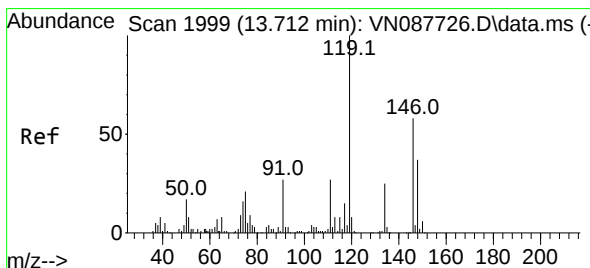
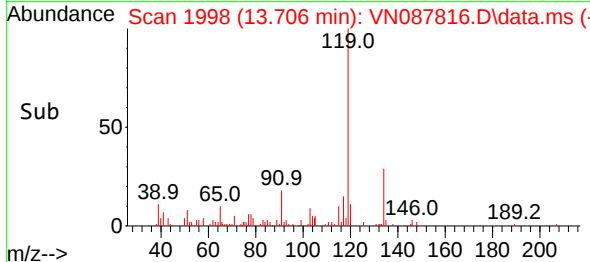
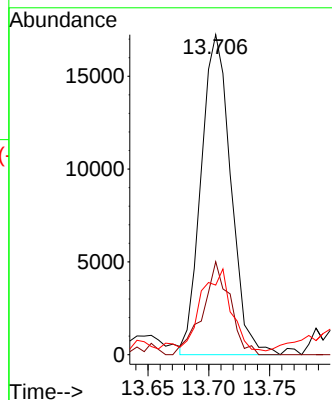
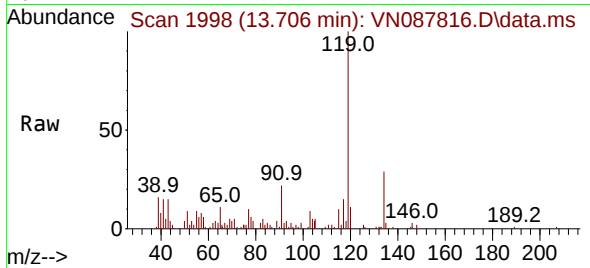




#82
 p-Isopropyltoluene
 Concen: 2.186 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087816.D
 Acq: 12 Sep 2025 12:40

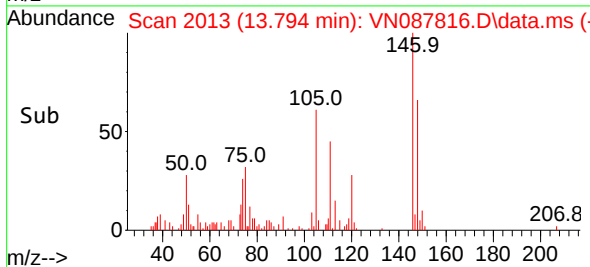
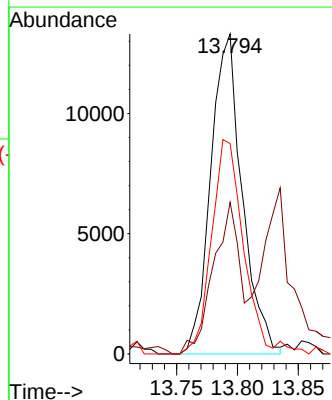
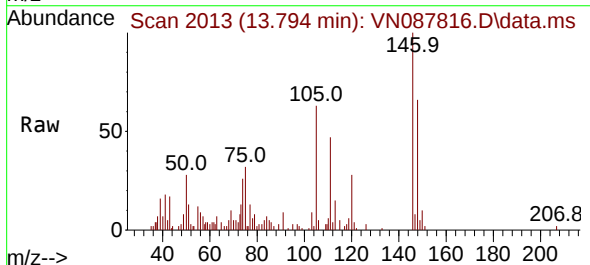
Instrument :
 MSVOA_N
 ClientSampleId :
 250910074-01-VOA

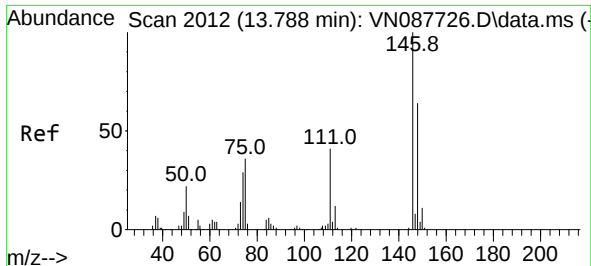
Tgt Ion:	119	Resp:	29215
Ion Ratio	Lower	Upper	
119	100		
134	26.7	0.0	49.4
91	11.7	0.0	52.2



#83
 1,3-Dichlorobenzene
 Concen: 3.249 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.082 min
 Lab File: VN087816.D
 Acq: 12 Sep 2025 12:40

Tgt Ion:	146	Resp:	23903
Ion Ratio	Lower	Upper	
146	100		
111	39.5	21.1	63.4
148	66.7	31.0	93.0

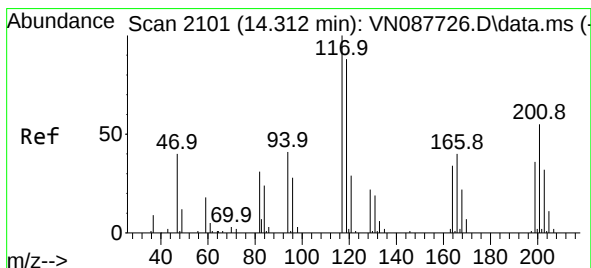
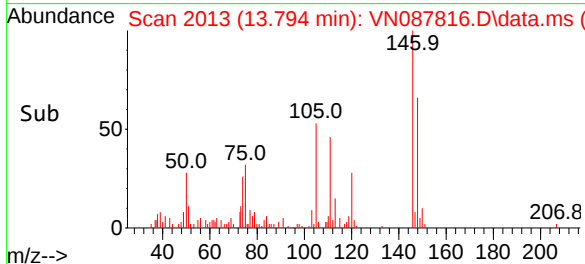
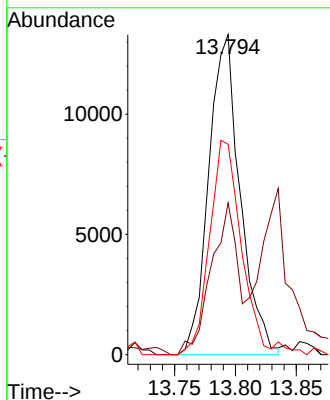
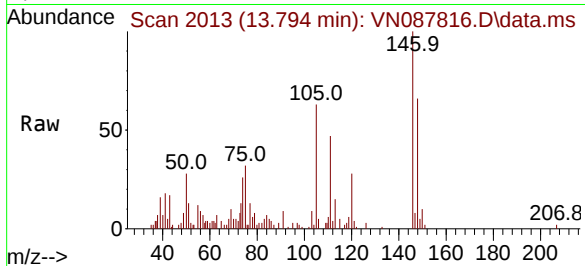




#84
1,4-Dichlorobenzene
Concen: 3.242 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

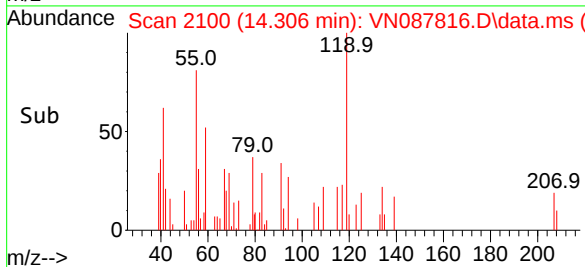
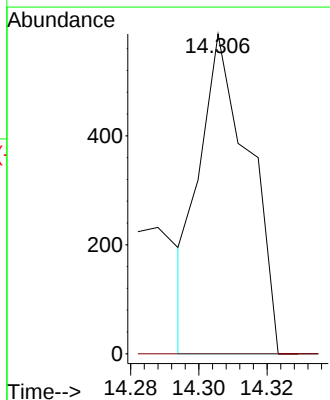
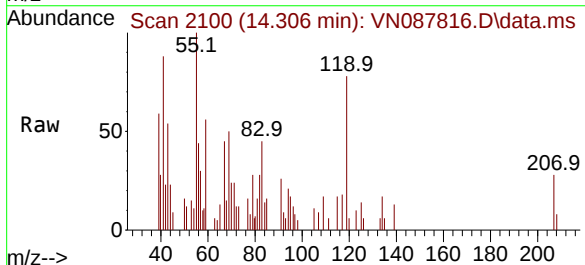
Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA

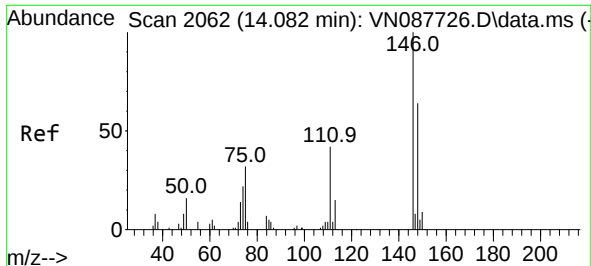
Tgt Ion:146 Resp: 23903
Ion Ratio Lower Upper
146 100
111 39.5 20.2 60.5
148 66.7 31.5 94.5



#86
Hexachloroethane
Concen: 0.215 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Tgt Ion:117 Resp: 583
Ion Ratio Lower Upper
117 100
201 0.0 29.9 89.7#





#87

1,2-Dichlorobenzene

Concen: 3.445 ug/l

RT: 13.794 min Scan# 2062

Delta R.T. -0.288 min

Lab File: VN087816.D

Acq: 12 Sep 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

250910074-01-VOA

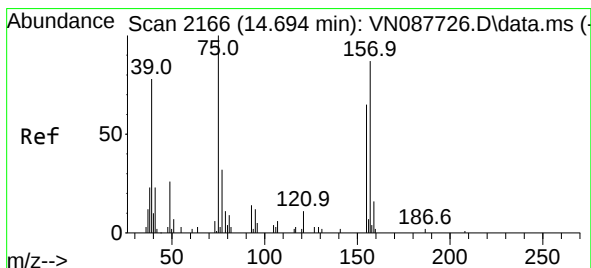
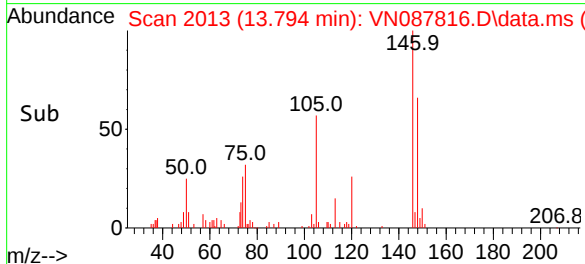
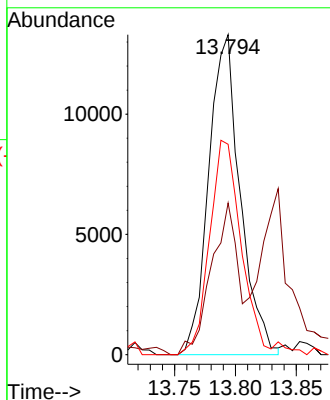
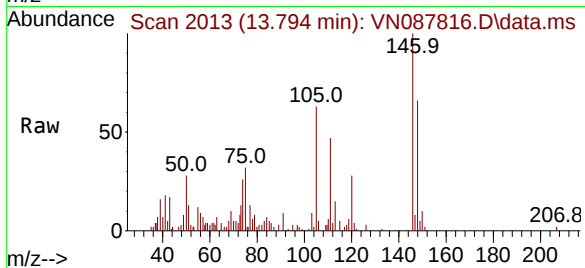
Tgt Ion:146 Resp: 23903

Ion Ratio Lower Upper

146 100

111 39.5 21.5 64.5

148 66.7 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.321 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.023 min

Lab File: VN087816.D

Acq: 12 Sep 2025 12:40

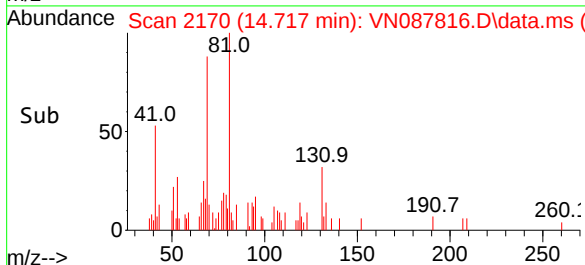
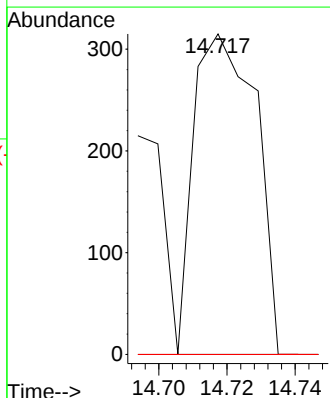
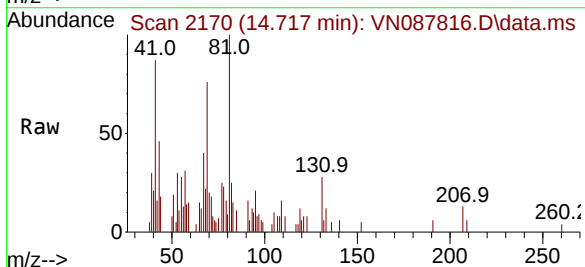
Tgt Ion: 75 Resp: 399

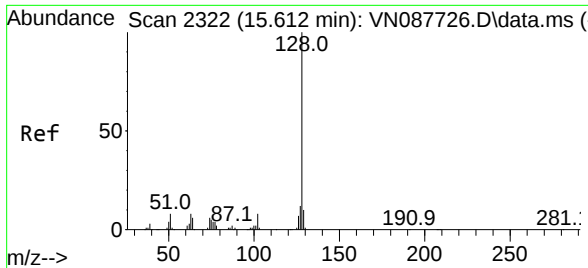
Ion Ratio Lower Upper

75 100

155 0.0 53.0 79.4#

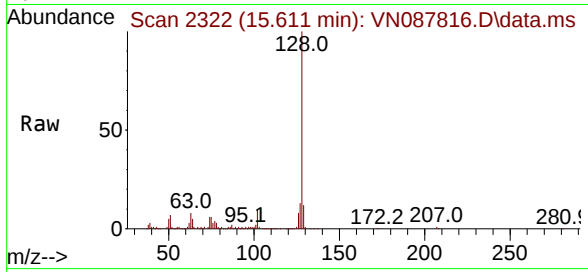
157 0.0 72.2 108.4#





#91
Naphthalene
Concen: 20.608 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087816.D
Acq: 12 Sep 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
250910074-01-VOA



Tgt Ion:128 Resp: 299400

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.3	8.3	12.5

