

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087949.D
 Acq On : 25 Sep 2025 12:37
 Operator : JC\MD
 Sample : VN0925MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 07:29:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	174365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	385843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	371436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	167826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	168132	57.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.600%	
35) Dibromofluoromethane	8.147	113	143885	51.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	10.547	98	486851	49.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	12.829	95	155192	44.071	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.140%	

Target Compounds						Qvalue
3) Chloromethane	2.383	50	557	0.269	ug/l #	41
5) Bromomethane	2.989	94	1088	0.832	ug/l	88
6) Chloroethane	3.136	64	291	0.212	ug/l #	45
10) Methyl Iodide	4.589	142	871	0.533	ug/l #	88
11) Tert butyl alcohol	5.553	59	150	0.355	ug/l #	71
13) Acrolein	4.177	56	847	1.562	ug/l #	81
15) Acrylonitrile	5.706	53	1367	1.031	ug/l #	77
16) Acetone	4.430	43	1244	1.030	ug/l	97
17) Carbon Disulfide	4.700	76	4296	0.751	ug/l #	91
20) Methylene Chloride	5.265	84	2698	1.104	ug/l #	59
23) Vinyl Acetate	6.583	43	2152	0.367	ug/l #	72
25) 2-Butanone	7.483	43	872	0.473	ug/l #	78
29) Tetrahydrofuran	7.841	42	979	0.829	ug/l #	44
31) Cyclohexane	8.212	56	5411	1.644	ug/l #	25
36) 1,1-Dichloropropene	8.371	75	903	0.268	ug/l #	42
38) Carbon Tetrachloride	8.206	117	19190	4.965	ug/l #	21
39) Methylcyclohexane	9.582	83	997	0.268	ug/l #	77
42) 1,2-Dichloroethane	8.653	62	888	0.213	ug/l #	74
51) 4-Methyl-2-Pentanone	10.424	43	1310	0.302	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.141	63	555	0.287	ug/l #	74
64) Tetrachloroethene	11.082	164	459	0.203	ug/l #	45
68) m/p-Xylenes	12.065	106	1112	0.220	ug/l #	46
76) 1,2,3-Trichloropropane	12.829	75	87395	26.418	ug/l #	1
78) n-propylbenzene	13.035	91	3149	0.242	ug/l	92
79) 2-Chlorotoluene	13.112	91	1879	0.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.829	75	87395	73.357	ug/l #	9
83) tert-Butylbenzene	13.412	119	1801	0.237	ug/l	98
84) 1,2,4-Trimethylbenzene	13.465	105	2004	0.217	ug/l	74
85) sec-Butylbenzene	13.600	105	2964	0.265	ug/l	84
86) p-Isopropyltoluene	13.706	119	2324	0.246	ug/l	89
87) 1,3-Dichlorobenzene	13.718	146	1781	0.330	ug/l	86
88) 1,4-Dichlorobenzene	13.718	146	1781	0.321	ug/l	85
89) n-Butylbenzene	14.041	91	3592	0.402	ug/l	95
90) Hexachloroethane	14.306	117	717	0.363	ug/l	95
91) 1,2-Dichlorobenzene	14.088	146	1279	0.246	ug/l	95
93) 1,2,4-Trichlorobenzene	15.382	180	2071	0.674	ug/l	86

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Sample : VN0925MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

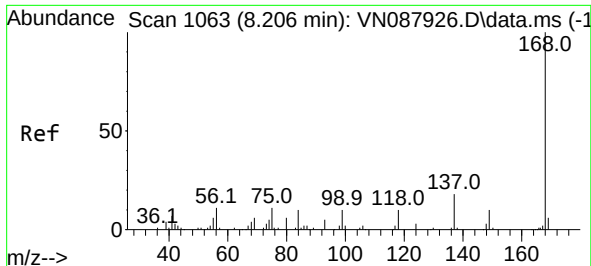
Quant Time: Sep 26 07:29:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.476	225	1365	1.207	ug/l	86
95) Naphthalene	15.617	128	4391	0.445	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.823	180	1892	0.633	ug/l	94

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

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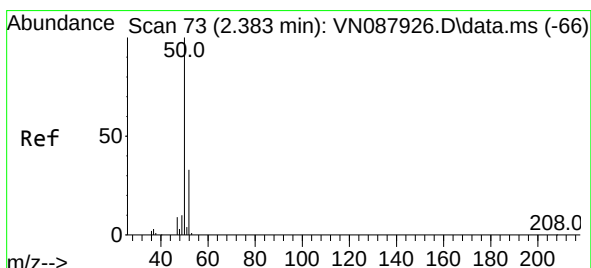
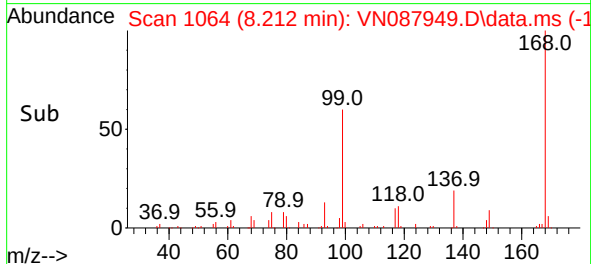
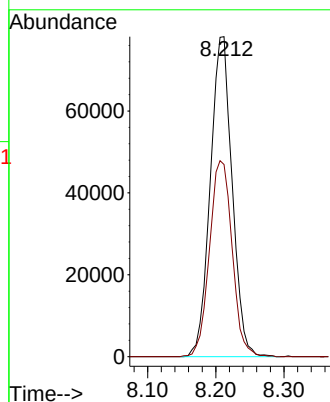
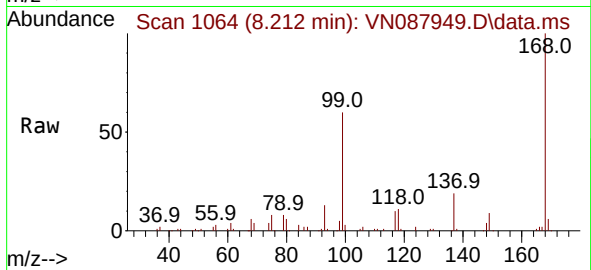




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

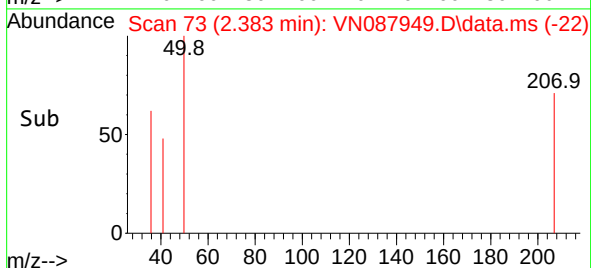
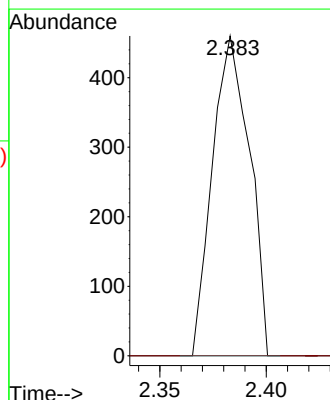
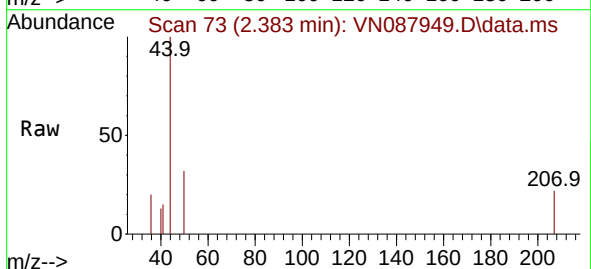
Instrument :
MSVOA_N
ClientSampleId :

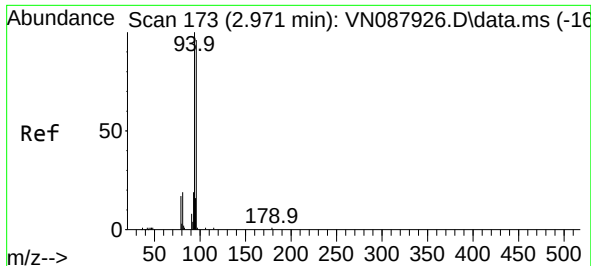
Tgt Ion:168 Resp: 174365
Ion Ratio Lower Upper
168 100
99 60.0 52.2 78.2



#3
Chloromethane
Concen: 0.269 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

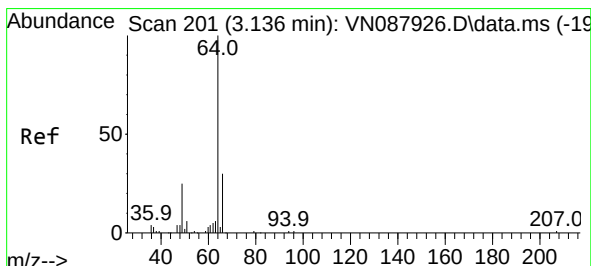
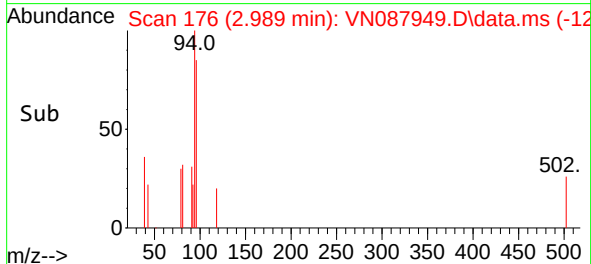
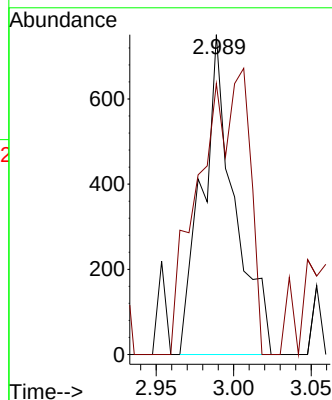
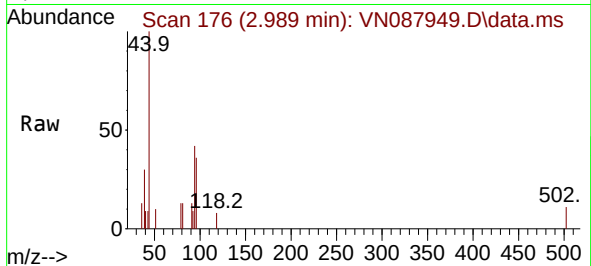




#5
Bromomethane
Concen: 0.832 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

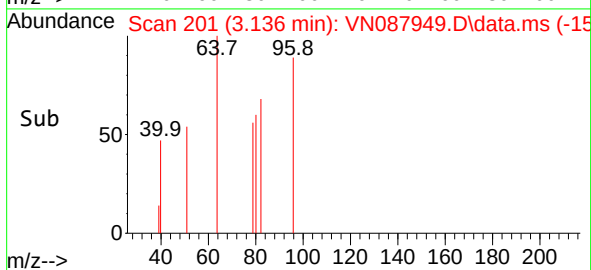
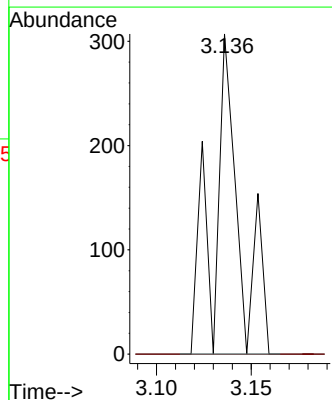
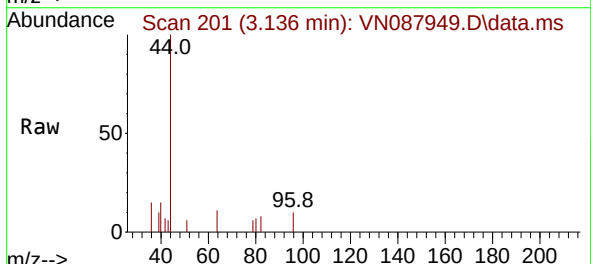
Instrument :
MSVOA_N
ClientSampleId :

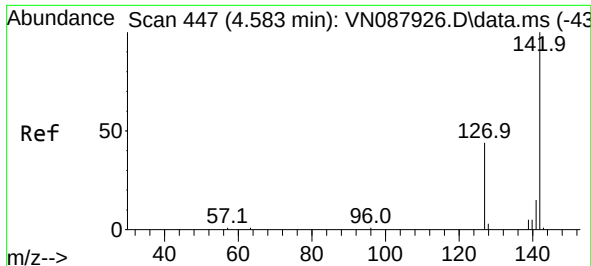
Tgt Ion: 94 Resp: 1088
Ion Ratio Lower Upper
94 100
96 84.7 76.8 115.2



#6
Chloroethane
Concen: 0.212 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 64 Resp: 291
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

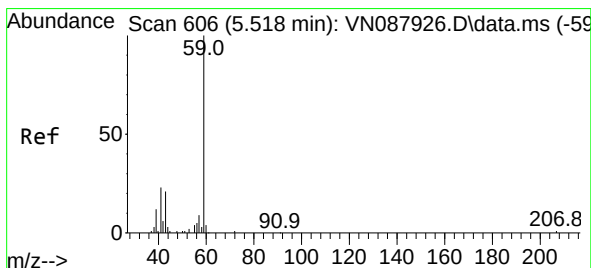
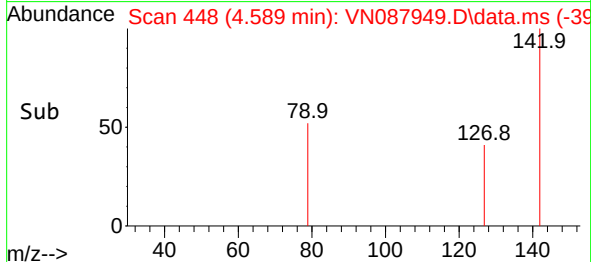
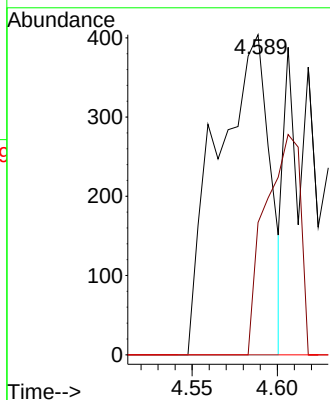
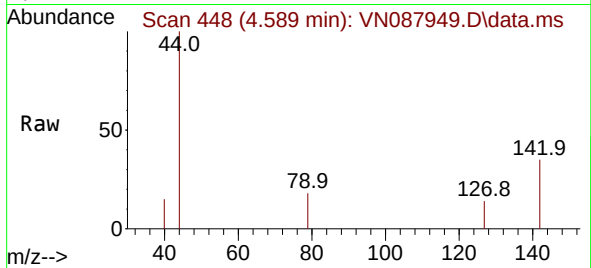




#10
Methyl Iodide
Concen: 0.533 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

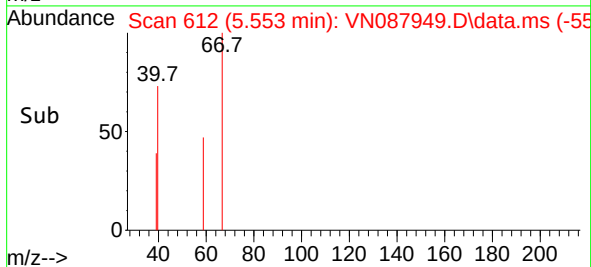
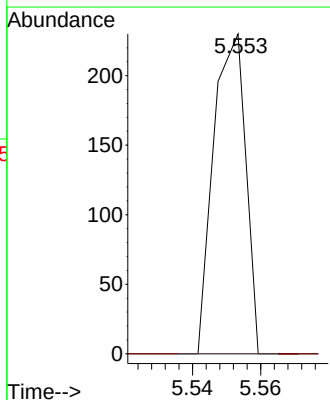
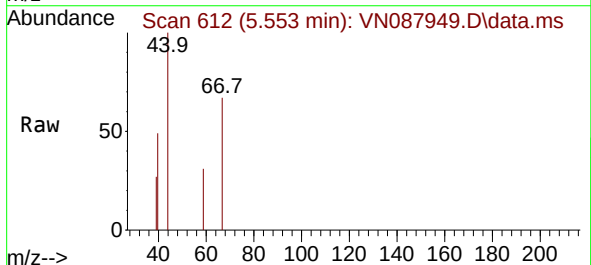
Instrument :
MSVOA_N
ClientSampleId :

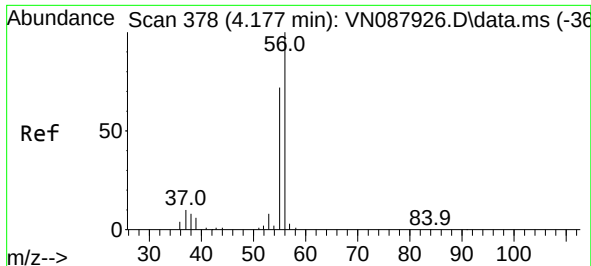
Tgt Ion:142 Resp: 871
Ion Ratio Lower Upper
142 100
127 41.3 35.3 52.9
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: 0.355 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.035 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#13

Acrolein

Concen: 1.562 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

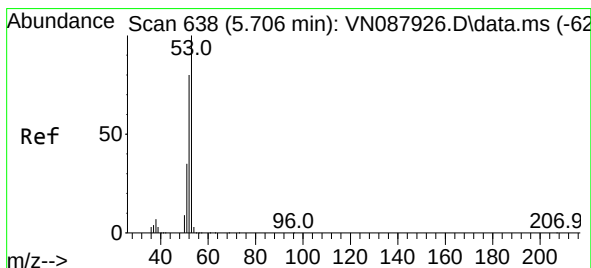
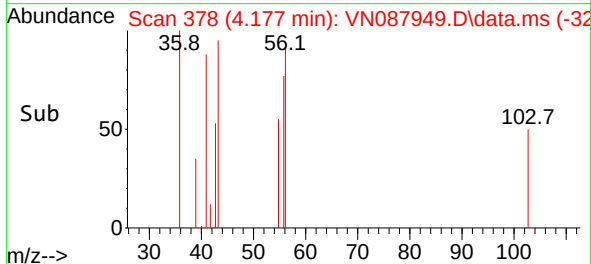
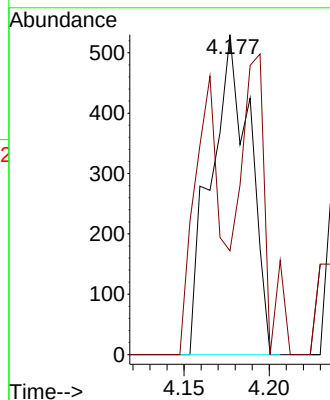
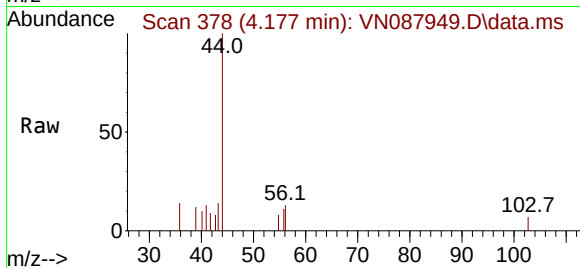
ClientSampleId :

Tgt Ion: 56 Resp: 847

Ion Ratio Lower Upper

56 100

55 58.1 59.3 88.9#



#15

Acrylonitrile

Concen: 1.031 ug/l

RT: 5.706 min Scan# 638

Delta R.T. 0.000 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

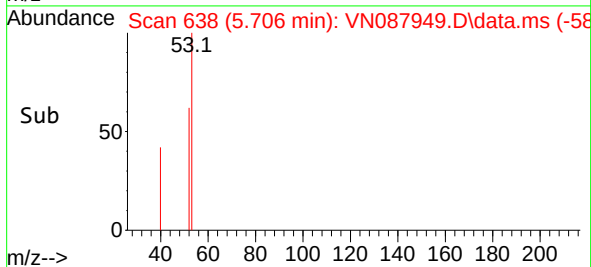
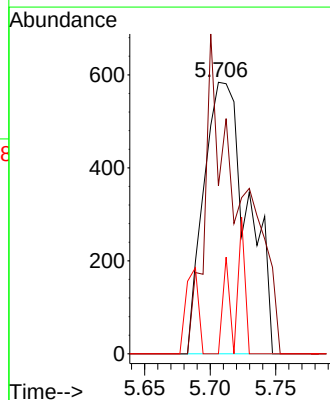
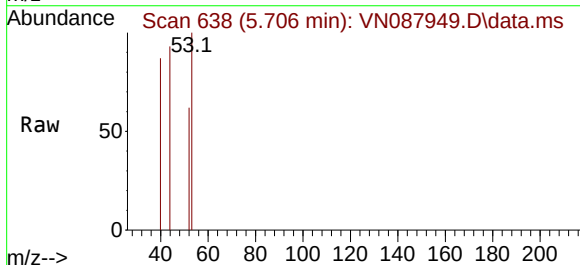
Tgt Ion: 53 Resp: 1367

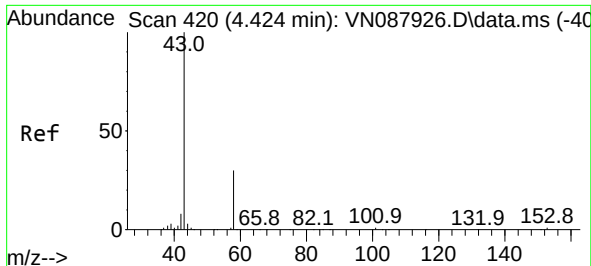
Ion Ratio Lower Upper

53 100

52 93.1 66.6 99.8

51 5.3 29.0 43.4#





#16

Acetone

Concen: 1.030 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

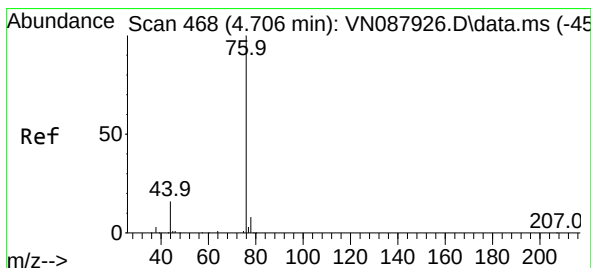
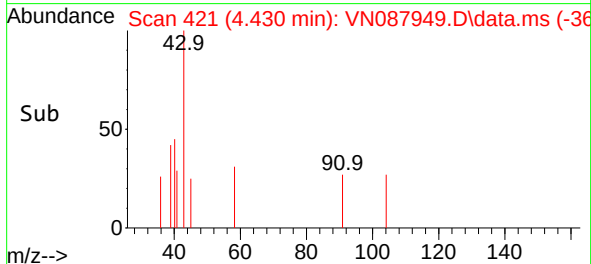
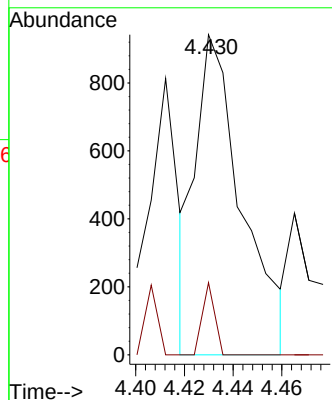
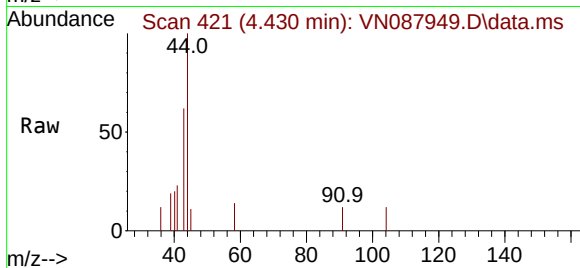
ClientSampleId :

Tgt Ion: 43 Resp: 1244

Ion Ratio Lower Upper

43 100

58 28.3 24.1 36.1



#17

Carbon Disulfide

Concen: 0.751 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN087949.D

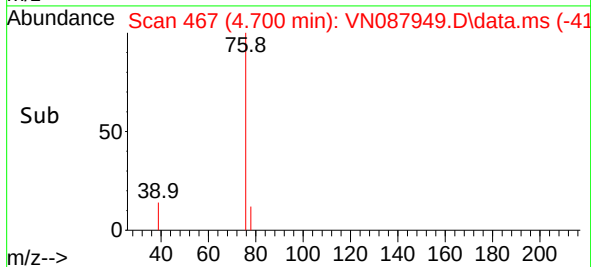
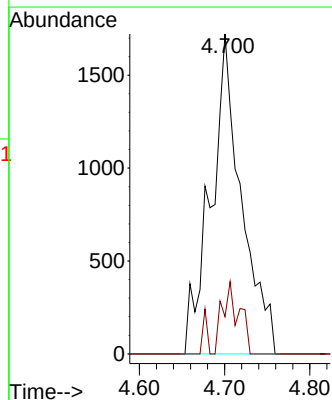
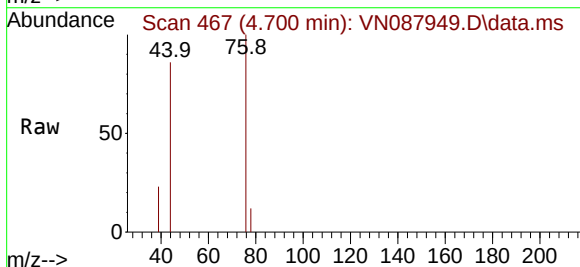
Acq: 25 Sep 2025 12:37

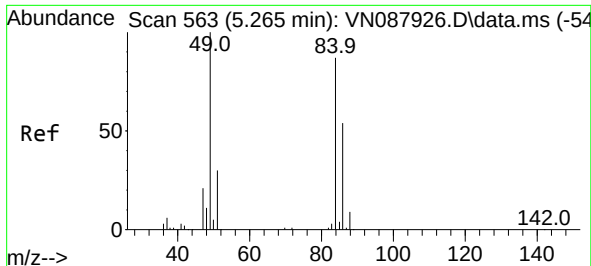
Tgt Ion: 76 Resp: 4296

Ion Ratio Lower Upper

76 100

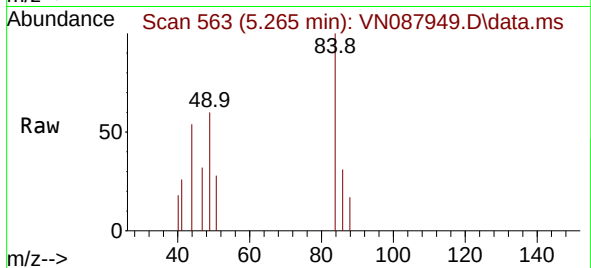
78 11.6 6.7 10.1#



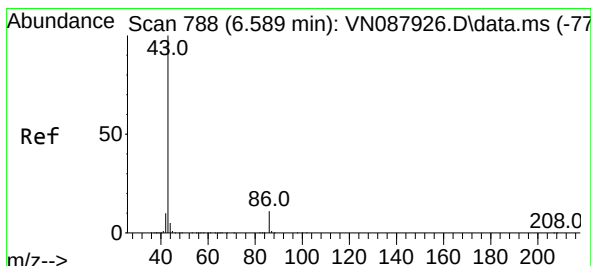
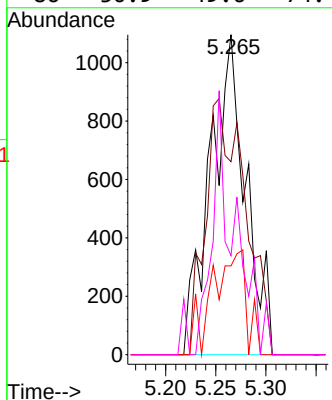
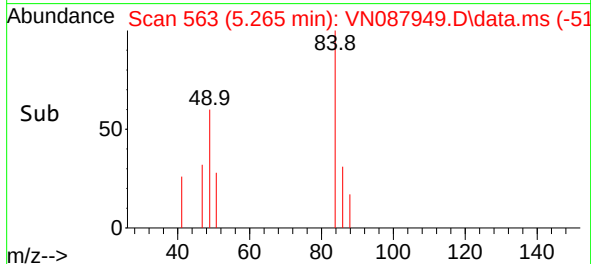


#20
Methylene Chloride
Concen: 1.104 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :

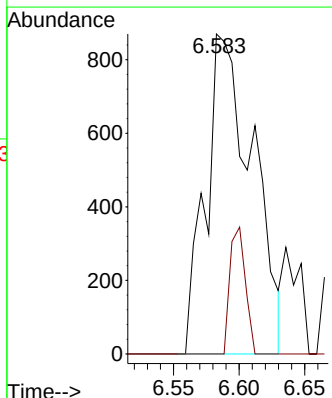
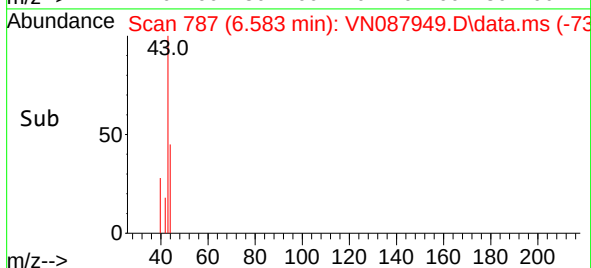
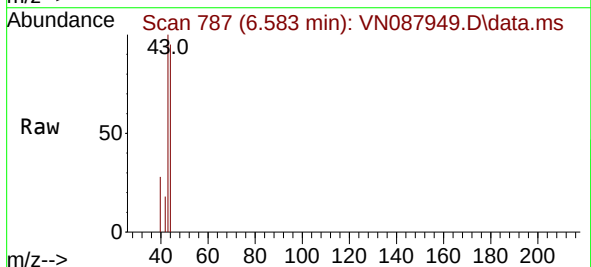


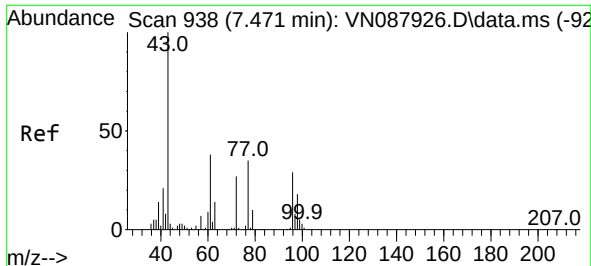
Tgt Ion:	84	Resp:	2698
Ion	Ratio	Lower	Upper
84	100		
49	60.3	92.1	138.1#
51	27.7	27.7	41.5
86	30.9	49.6	74.4#



#23
Vinyl Acetate
Concen: 0.367 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.006 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion:	43	Resp:	2152
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#

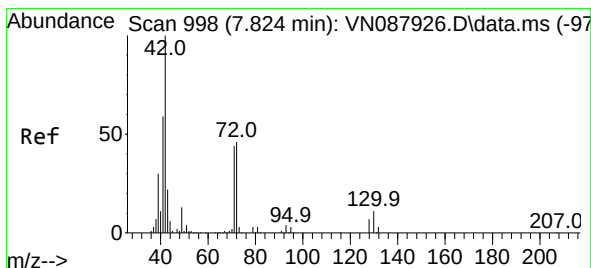
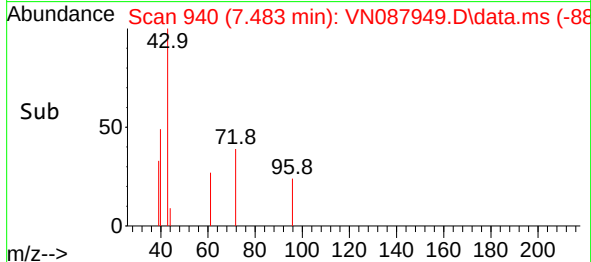
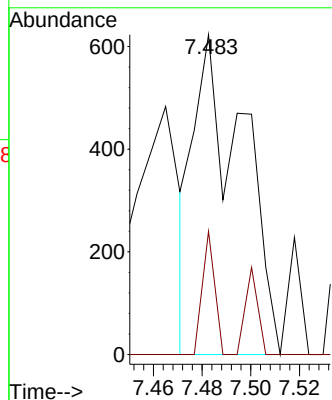
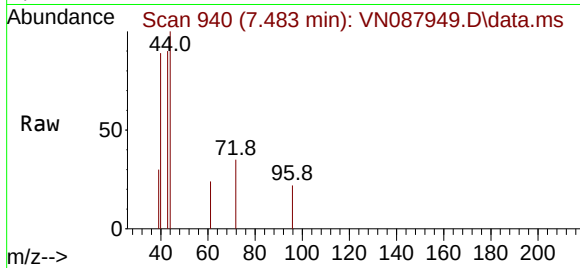




#25
2-Butanone
Concen: 0.473 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

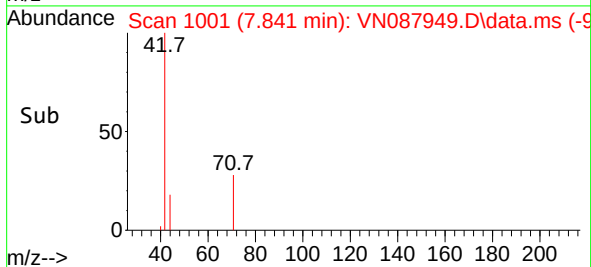
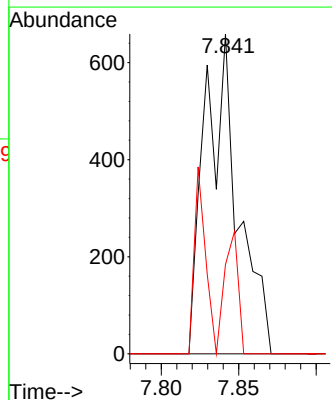
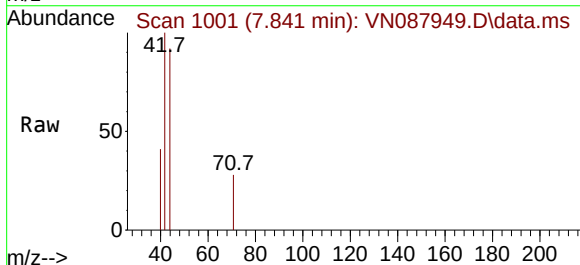
Instrument :
MSVOA_N
ClientSampleId :

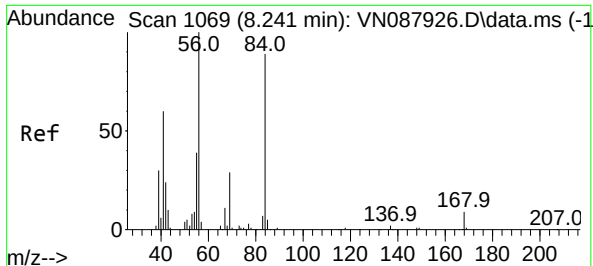
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
72 38.5 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.829 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.018 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

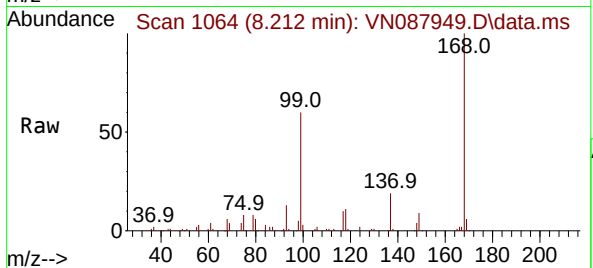
Tgt Ion: 42 Resp: 979
Ion Ratio Lower Upper
42 100
72 0.0 36.5 54.7#
71 15.7 33.8 50.8#



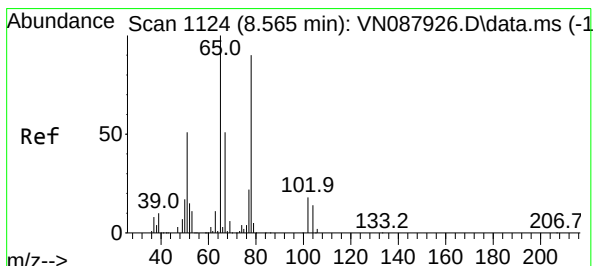
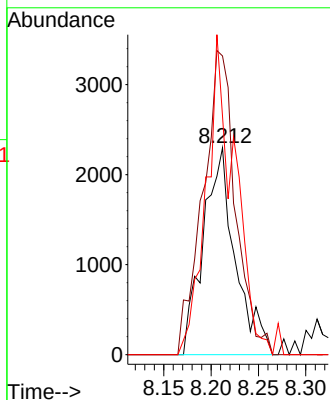
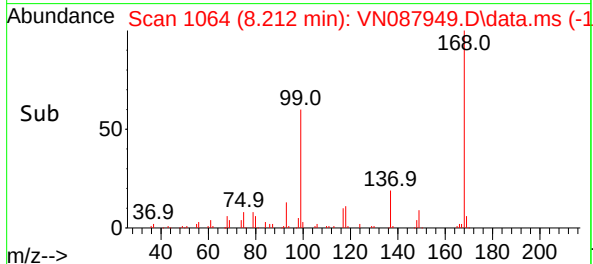


#31
Cyclohexane
Concen: 1.644 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.029 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :

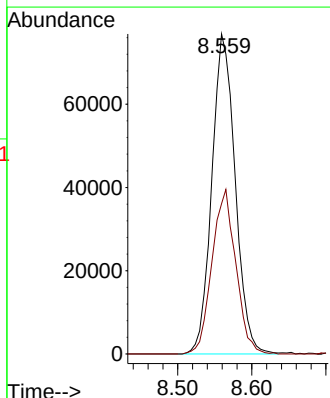
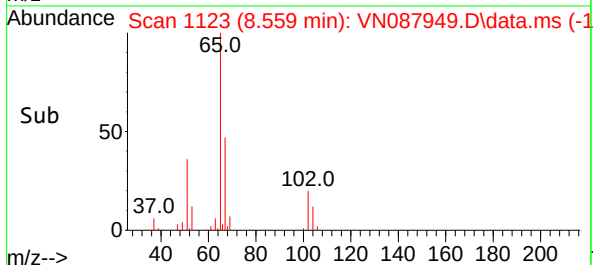
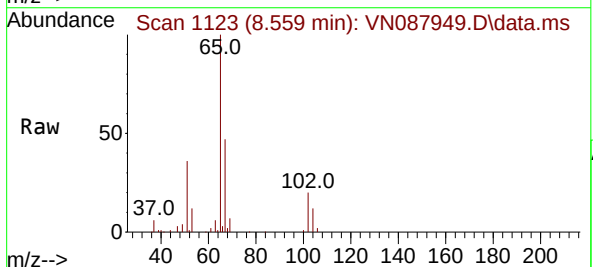


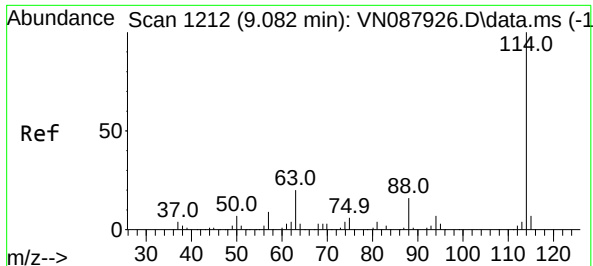
Tgt Ion: 56 Resp: 5411
Ion Ratio Lower Upper
56 100
69 144.3 23.4 35.0#
84 115.2 70.8 106.2#



#33
1,2-Dichloroethane-d4
Concen: 57.296 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 65 Resp: 168132
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

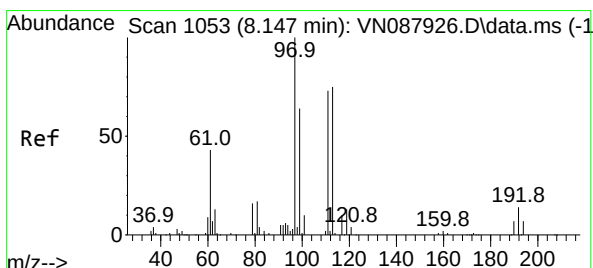
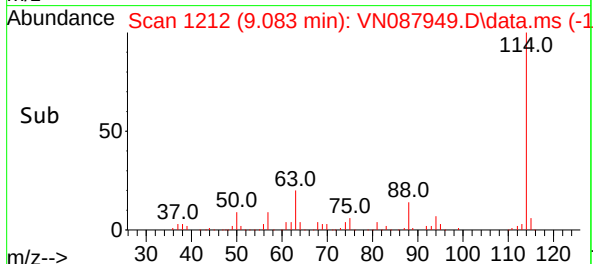
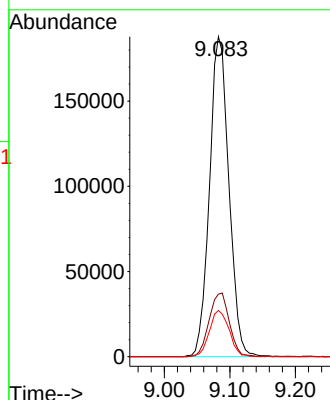
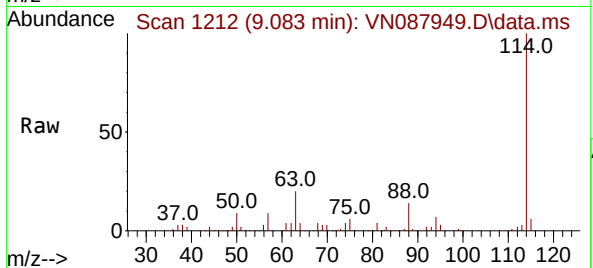
Tgt Ion:114 Resp: 385843

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.361 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

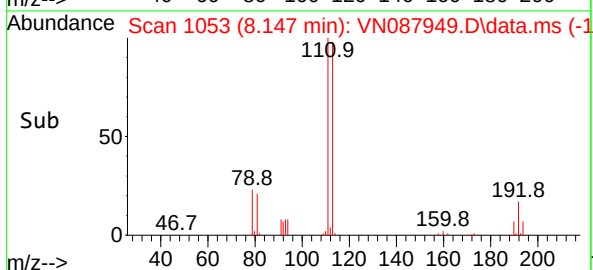
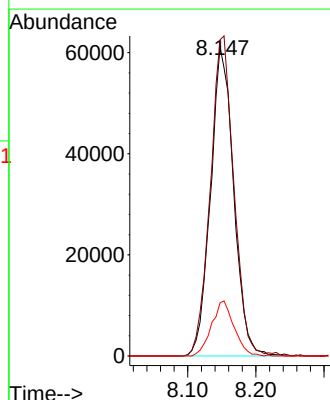
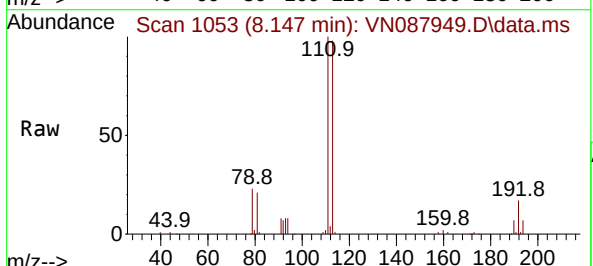
Tgt Ion:113 Resp: 143885

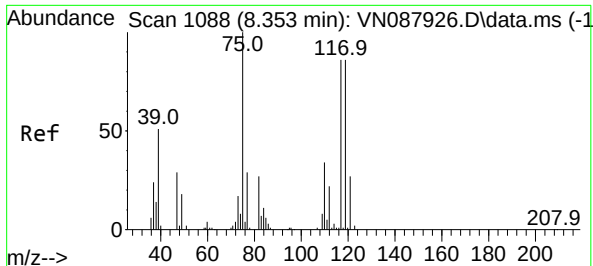
Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.2

192 17.4 14.2 21.2





#36

1,1-Dichloropropene

Concen: 0.268 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.018 min

Lab File: VN087949.D

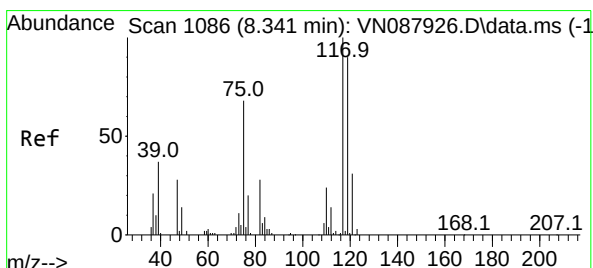
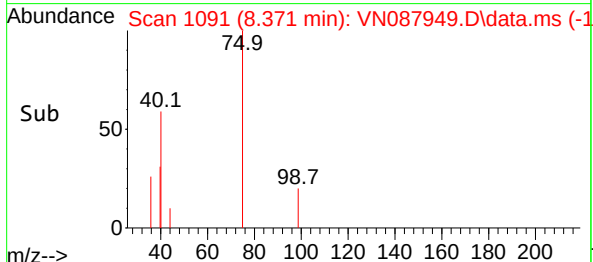
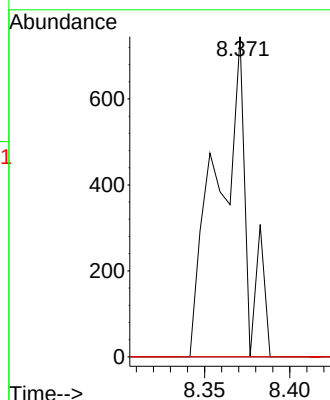
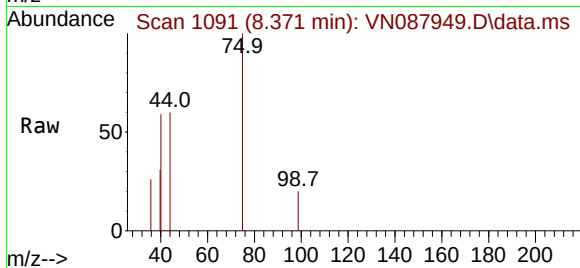
Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	903
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 4.965 ug/l

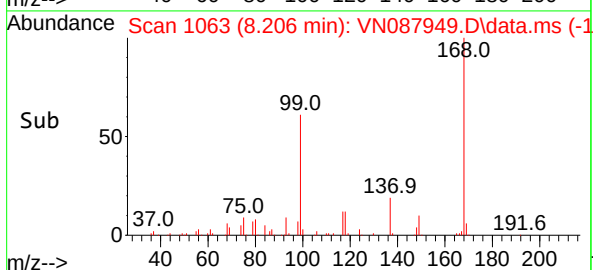
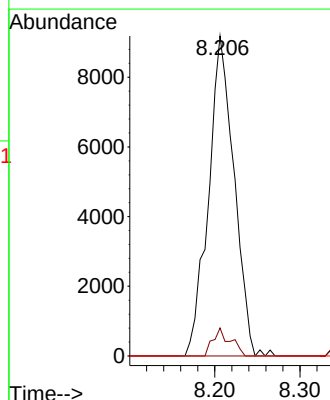
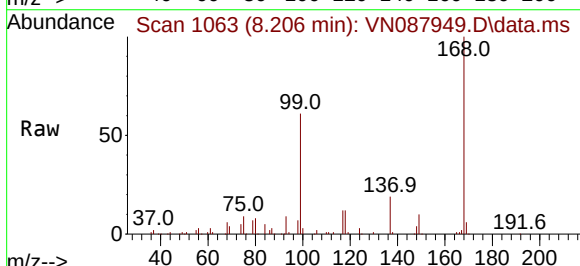
RT: 8.206 min Scan# 1063

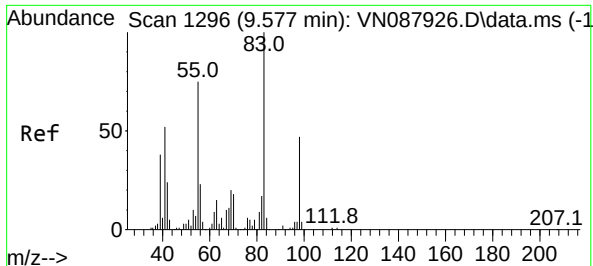
Delta R.T. -0.135 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Tgt Ion:	117	Resp:	19190
Ion	Ratio	Lower	Upper
117	100		
119	8.8	72.1	108.1#
121	0.0	24.6	36.8#





#39

Methylcyclohexane

Concen: 0.268 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

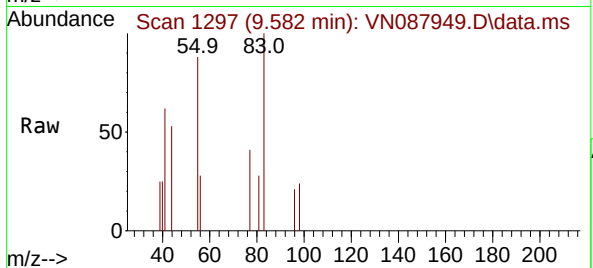
Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :



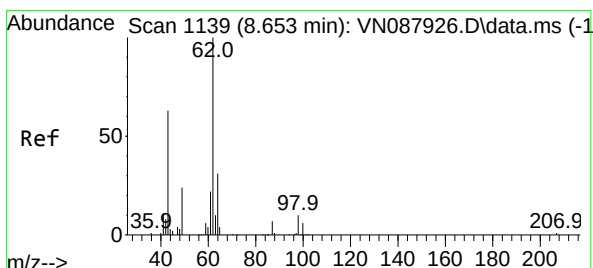
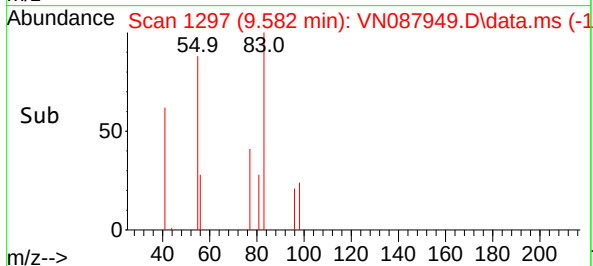
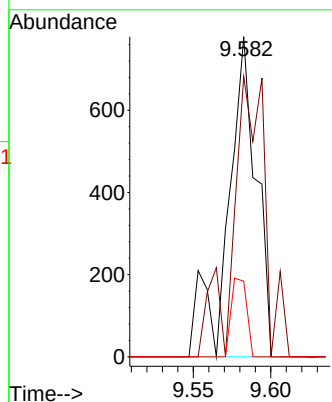
Tgt Ion: 83 Resp: 997

Ion Ratio Lower Upper

83 100

55 87.5 59.9 89.9

98 23.6 37.4 56.2#



#42

1,2-Dichloroethane

Concen: 0.213 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VN087949.D

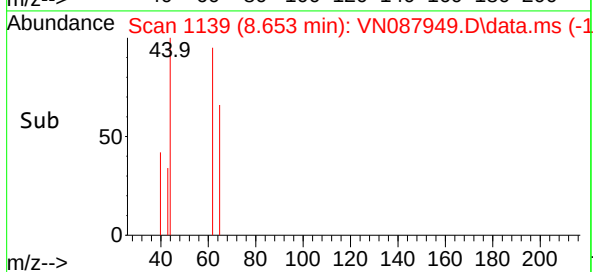
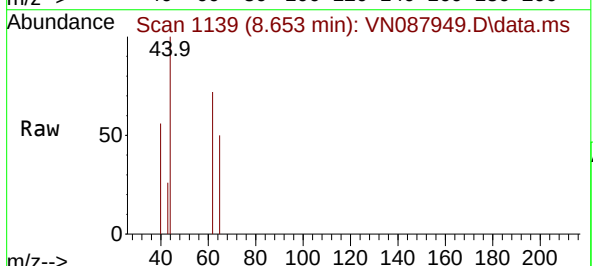
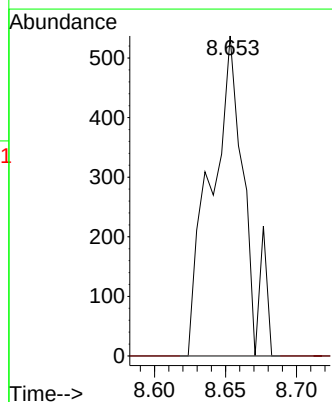
Acq: 25 Sep 2025 12:37

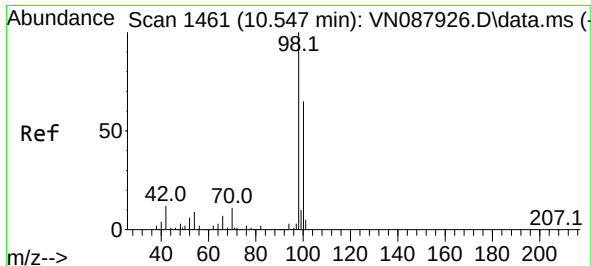
Tgt Ion: 62 Resp: 888

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.6

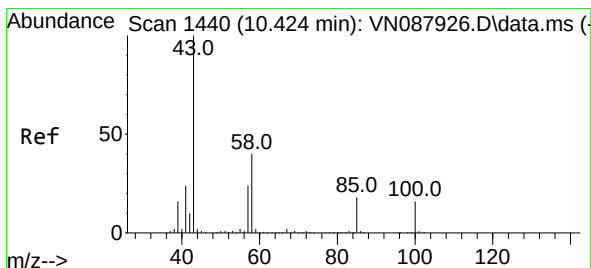
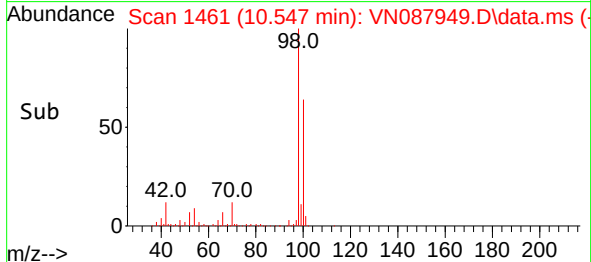
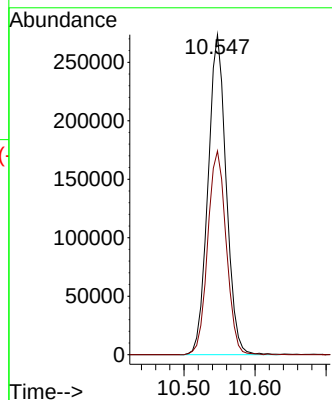
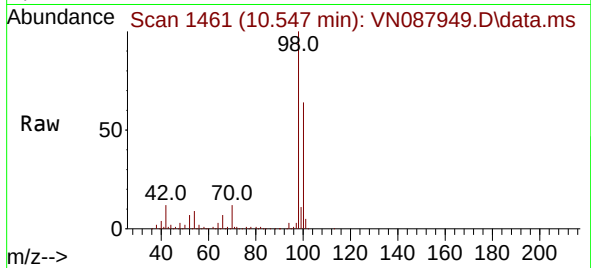




#50
Toluene-d8
Concen: 49.419 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

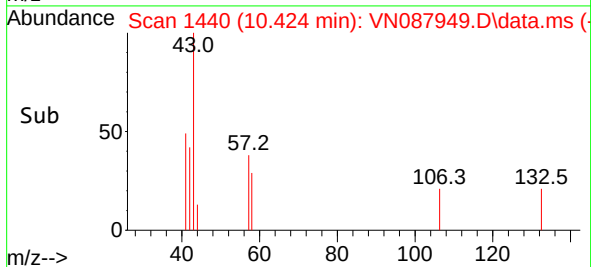
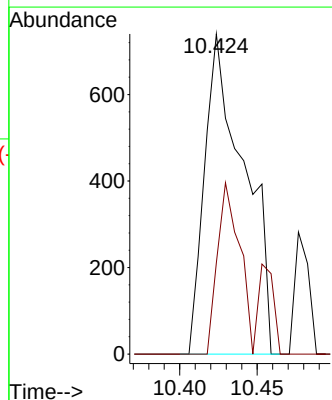
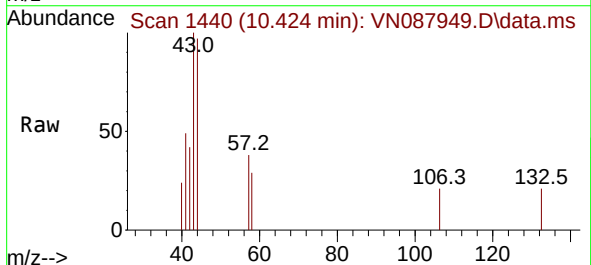
Instrument :
MSVOA_N
ClientSampleId :

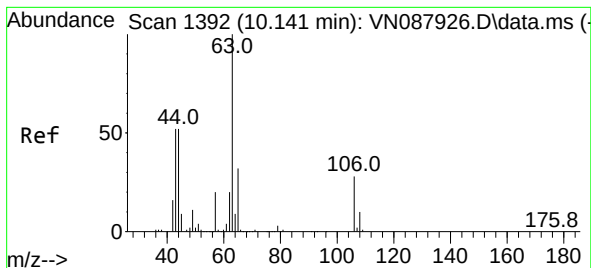
Tgt Ion: 98 Resp: 486851
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.302 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
58 30.1 31.0 46.6#

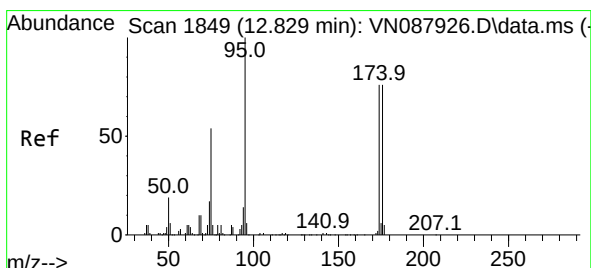
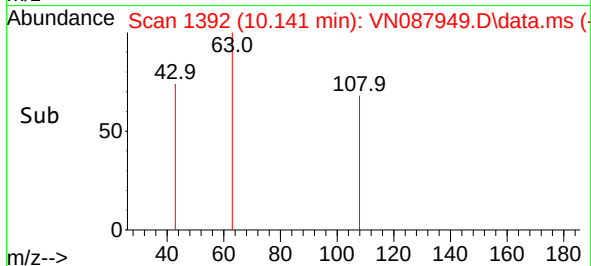
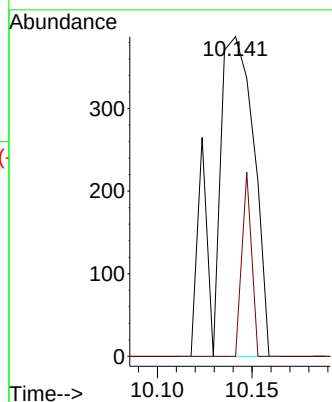
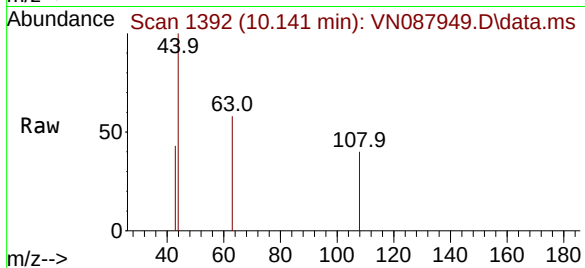




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.287 ug/l
 RT: 10.141 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

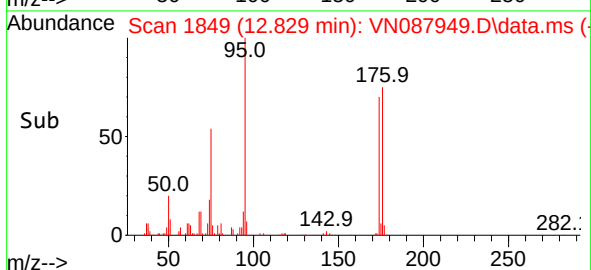
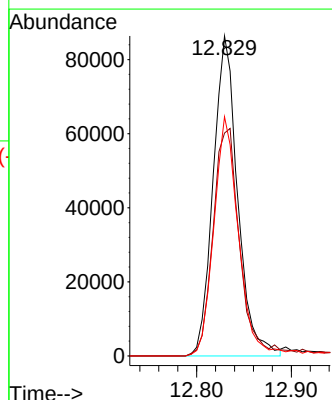
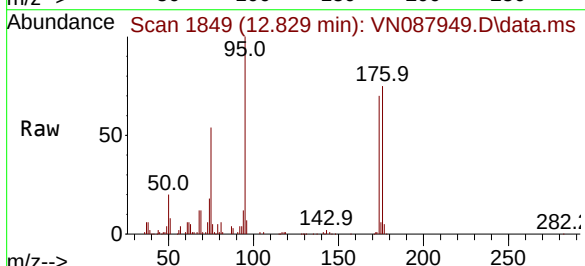
Instrument :
 MSVOA_N
 ClientSampleId :

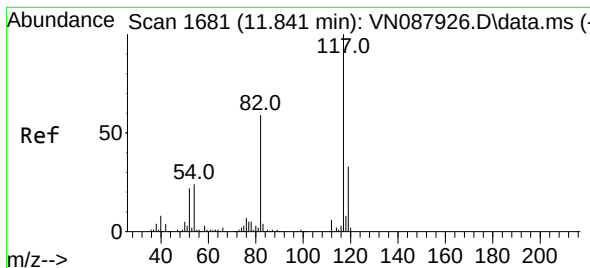
Tgt Ion: 63 Resp: 555
 Ion Ratio Lower Upper
 63 100
 106 14.2 22.6 33.8#



#62
 4-Bromofluorobenzene
 Concen: 44.071 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

Tgt Ion: 95 Resp: 155192
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 159.2
 176 77.3 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

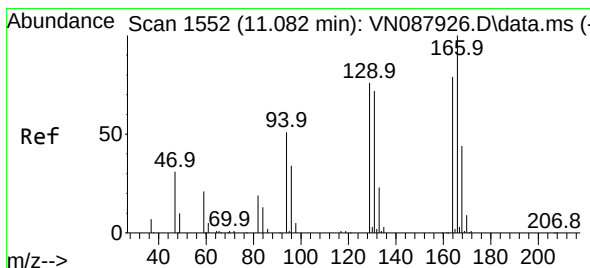
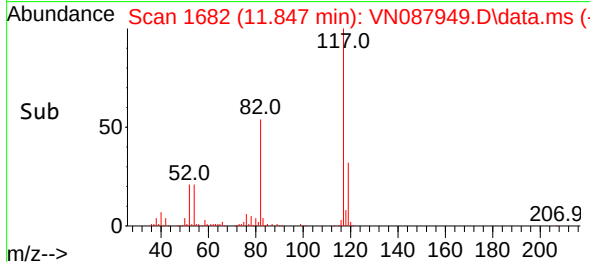
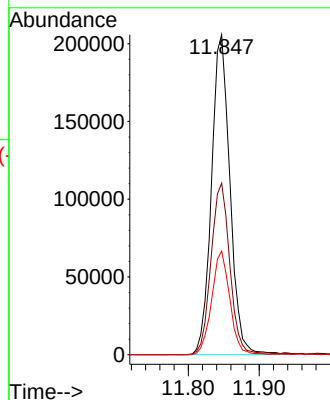
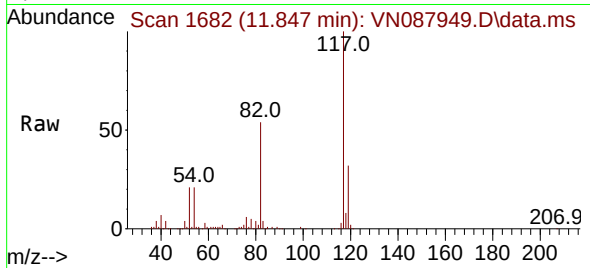
Tgt Ion:117 Resp: 371436

Ion Ratio Lower Upper

117 100

82 53.6 47.0 70.4

119 32.4 26.1 39.1



#64

Tetrachloroethene

Concen: 0.203 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Tgt Ion:164 Resp: 459

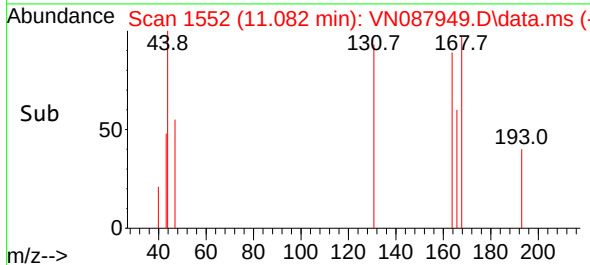
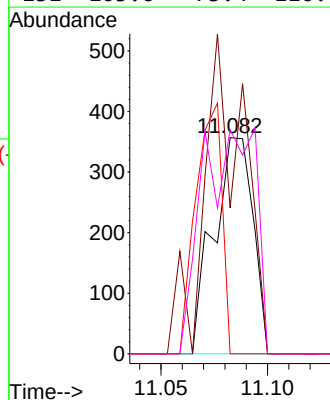
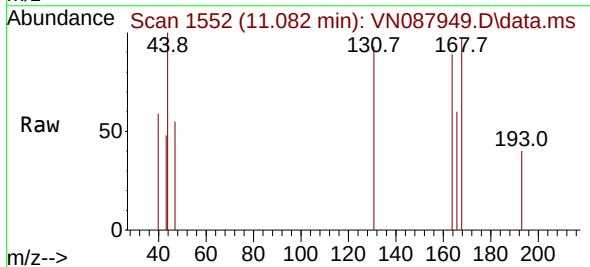
Ion Ratio Lower Upper

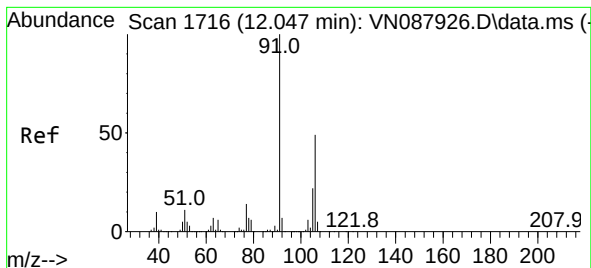
164 100

166 67.5 101.6 152.4#

129 0.0 77.5 116.3#

131 103.6 73.4 110.0

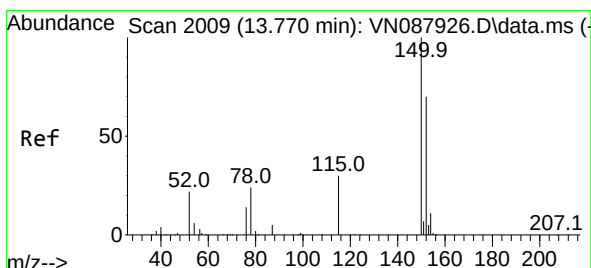
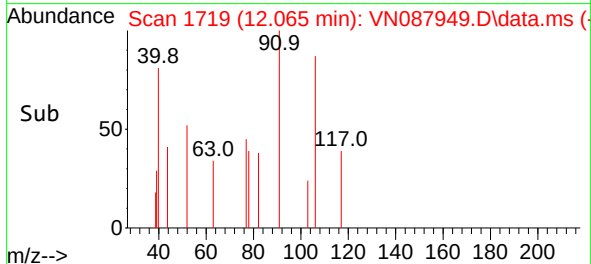
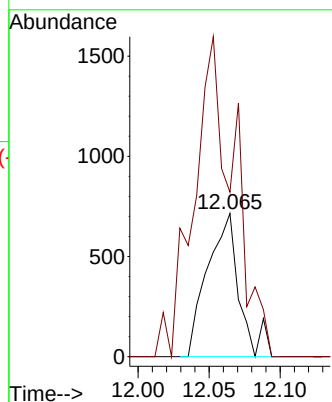
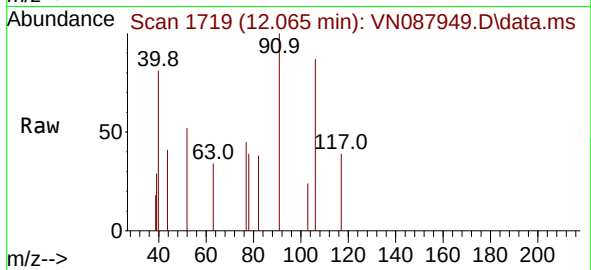




#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 12.065 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

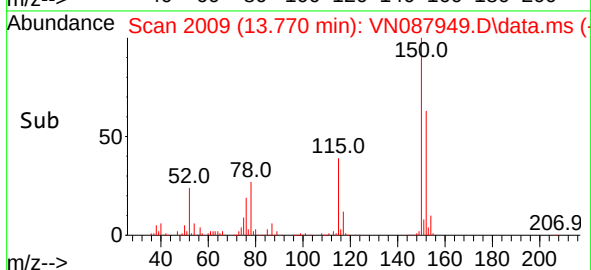
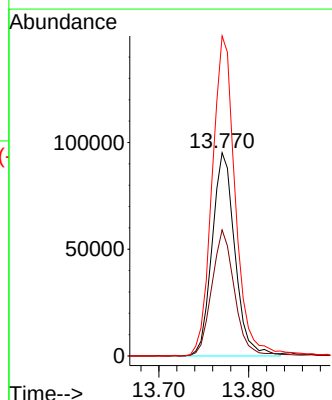
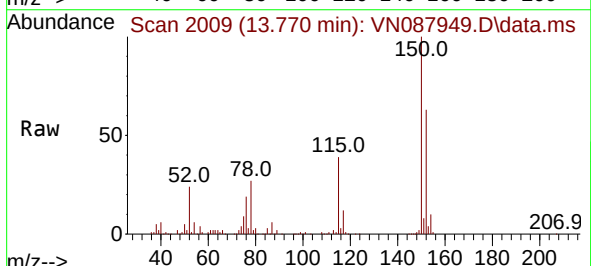
Instrument :
MSVOA_N
ClientSampleId :

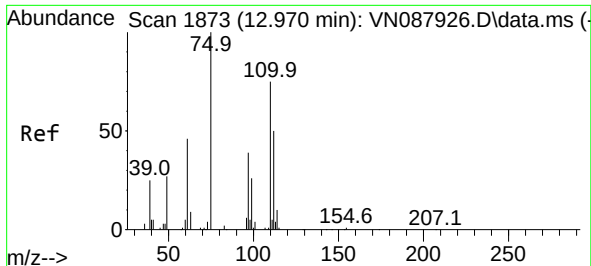
Tgt Ion:106 Resp: 1112
Ion Ratio Lower Upper
106 100
91 286.2 162.9 244.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion:152 Resp: 167826
Ion Ratio Lower Upper
152 100
115 62.3 29.9 89.7
150 161.8 0.0 335.0

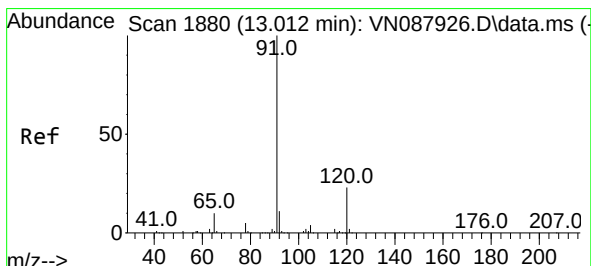
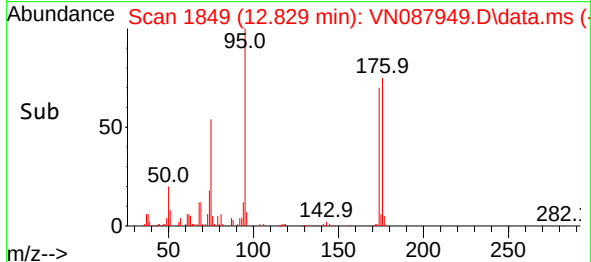
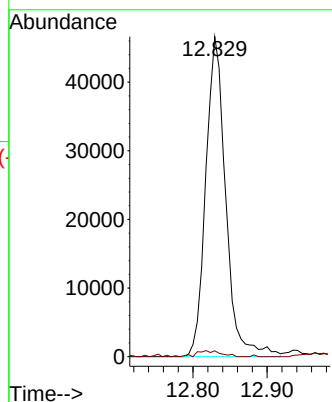
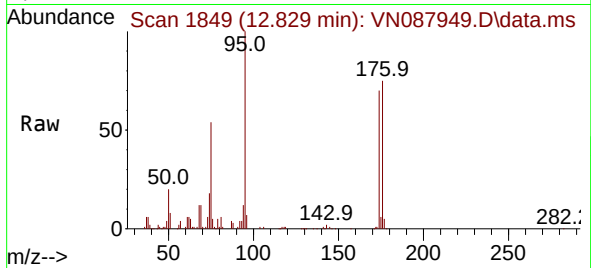




#76
1,2,3-Trichloropropane
Concen: 26.418 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

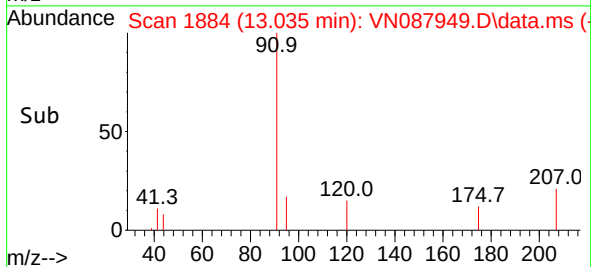
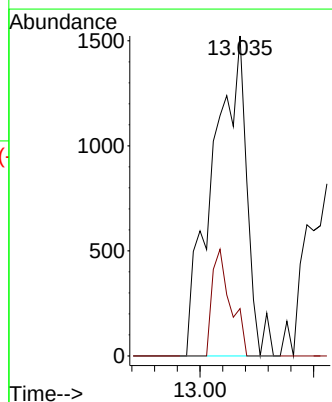
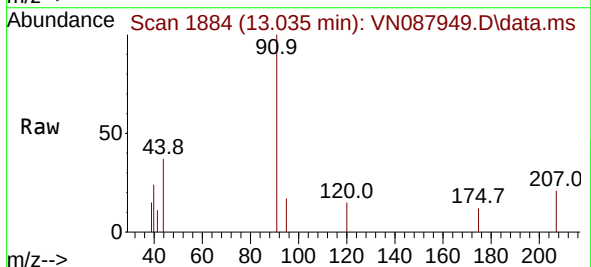
Instrument :
MSVOA_N
ClientSampleId :

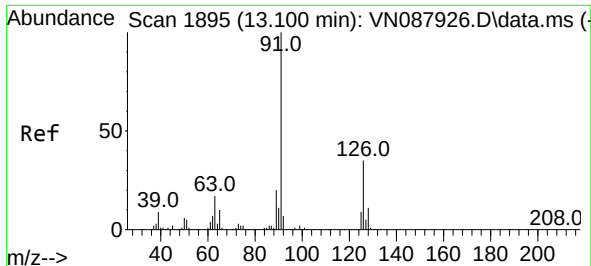
Tgt Ion: 75 Resp: 87395
Ion Ratio Lower Upper
75 100
77 2.3 89.5 268.5#



#78
n-propylbenzene
Concen: 0.242 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.024 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 91 Resp: 3149
Ion Ratio Lower Upper
91 100
120 18.2 11.1 33.1

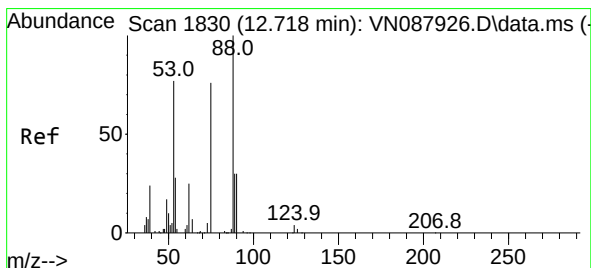
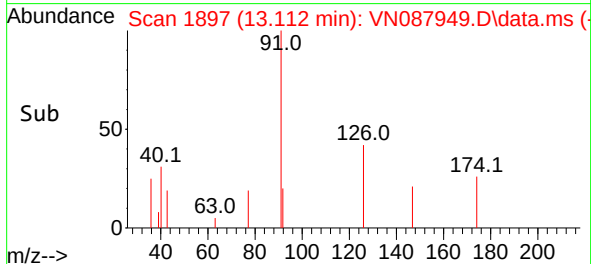
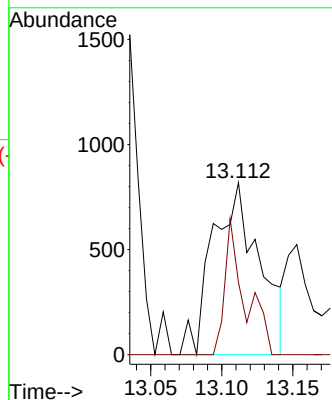
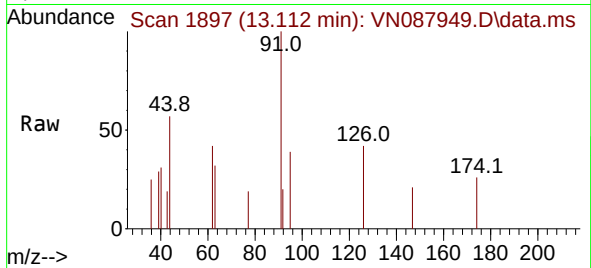




#79
2-Chlorotoluene
Concen: 0.237 ug/l
RT: 13.112 min Scan# 1897
Delta R.T. 0.012 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

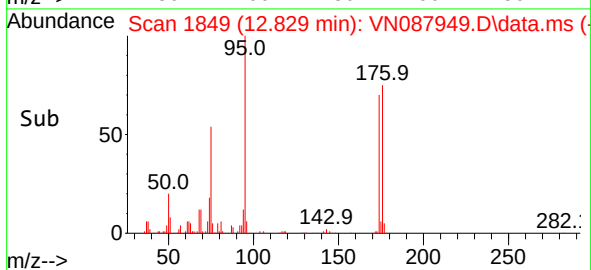
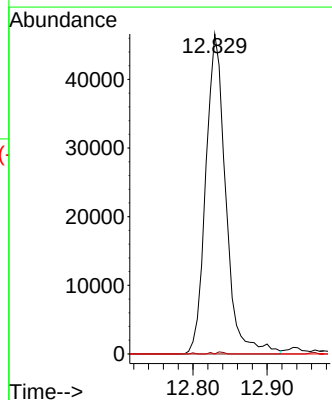
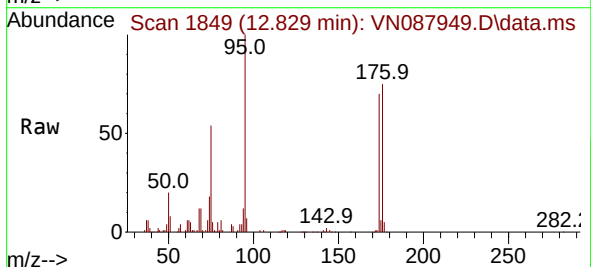
Instrument :
MSVOA_N
ClientSampleId :

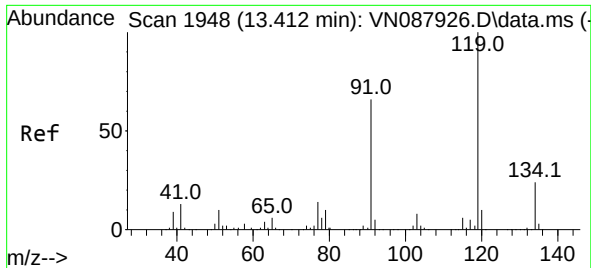
Tgt Ion: 91 Resp: 1879
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.8



#81
trans-1,4-Dichloro-2-butene
Concen: 73.357 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 75 Resp: 87395
Ion Ratio Lower Upper
75 100
53 0.3 82.0 123.0#
89 0.0 36.1 54.1#

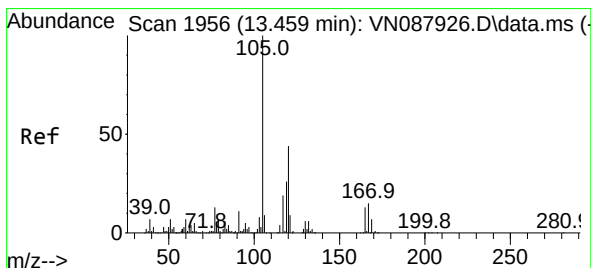
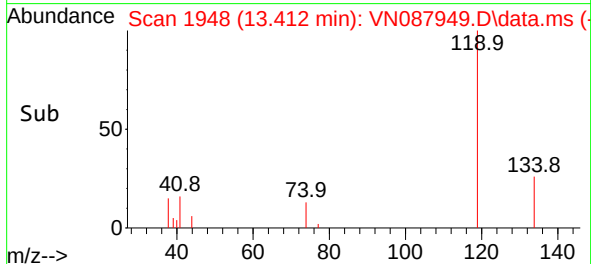
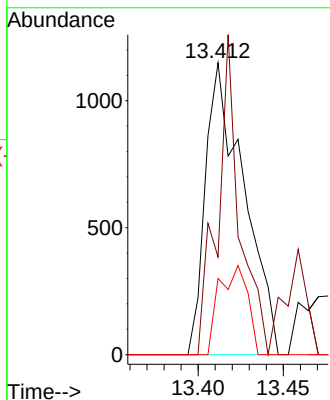
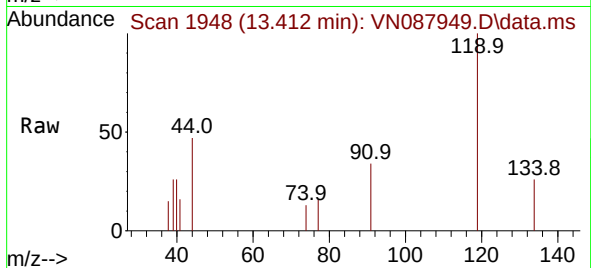




#83
 tert-Butylbenzene
 Concen: 0.237 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

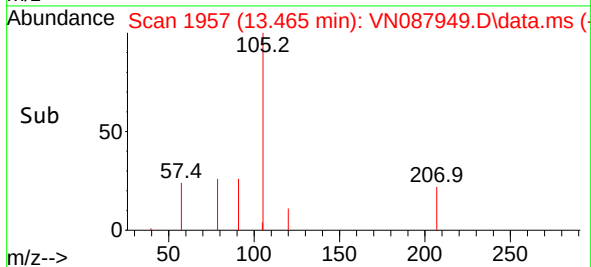
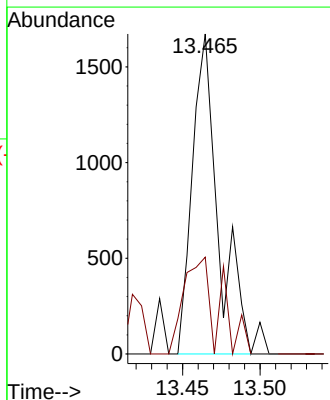
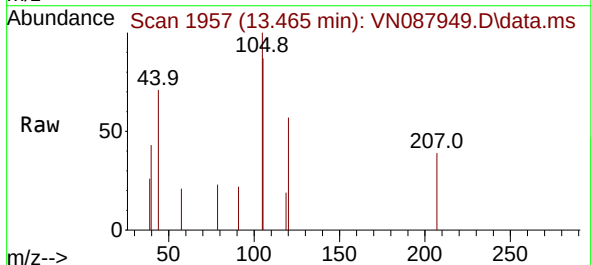
Instrument :
 MSVOA_N
 ClientSampleId :

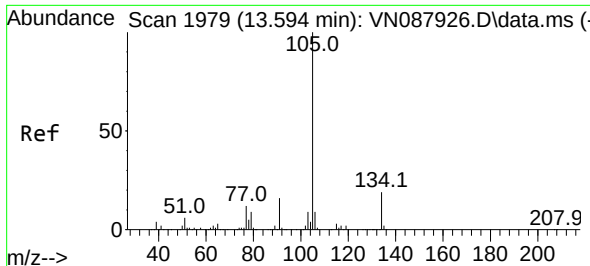
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.1	96.3
134	22.5	12.3	36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.217 ug/l
 RT: 13.465 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	22.4	67.3

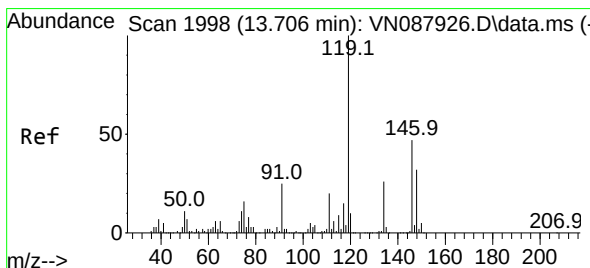
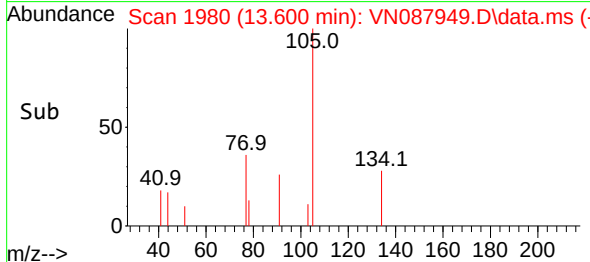
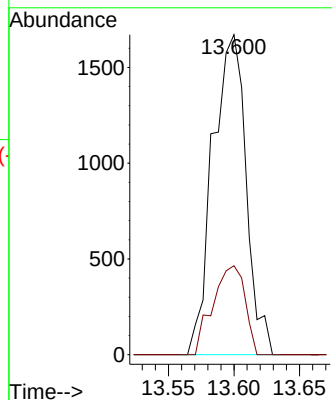
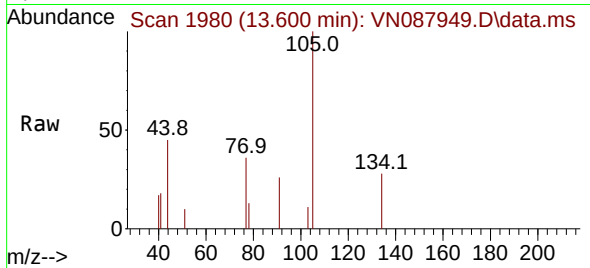




#85
 sec-Butylbenzene
 Concen: 0.265 ug/l
 RT: 13.600 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

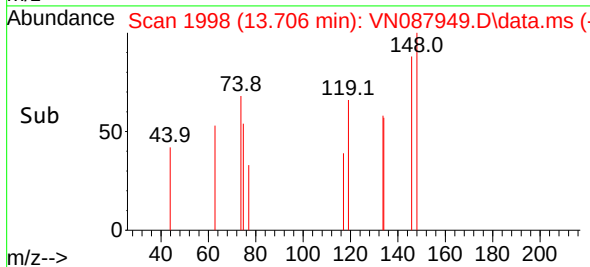
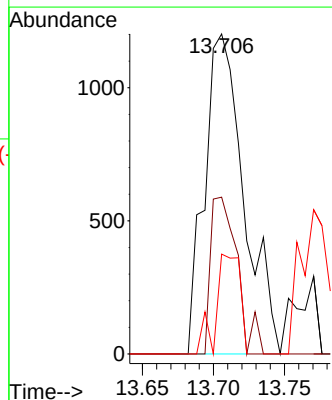
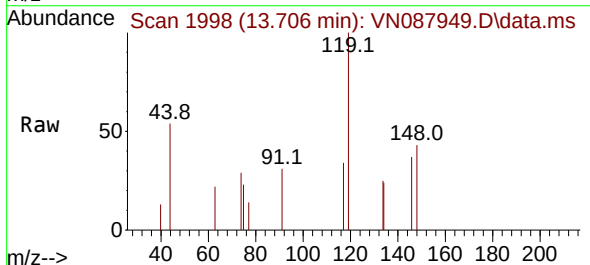
Instrument :
 MSVOA_N
 ClientSampleId :

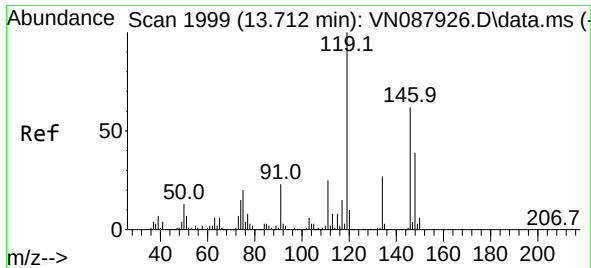
Tgt Ion:105 Resp: 2964
 Ion Ratio Lower Upper
 105 100
 134 26.6 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 0.246 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

Tgt Ion:119 Resp: 2324
 Ion Ratio Lower Upper
 119 100
 134 33.0 13.1 39.3
 91 19.1 11.9 35.5

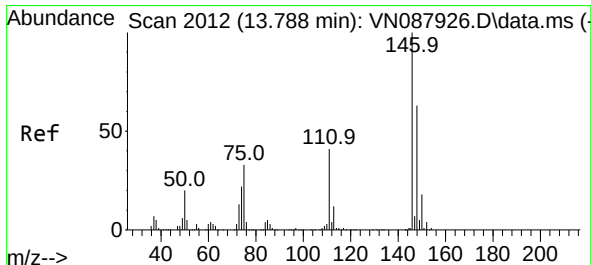
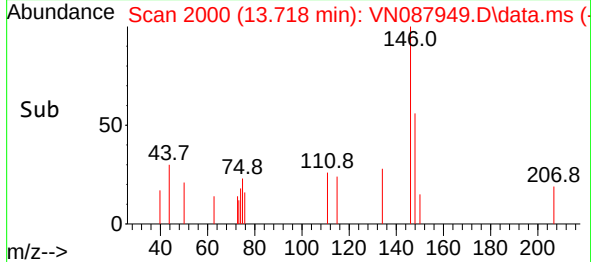
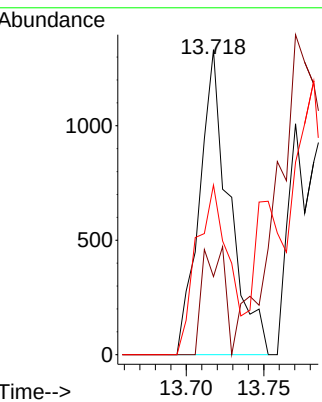
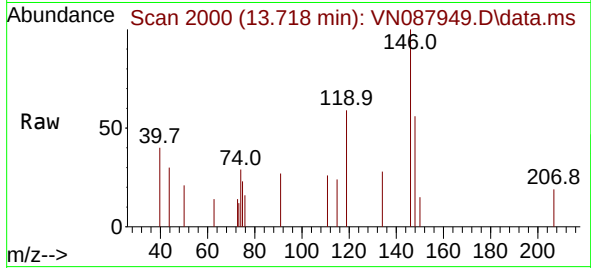




#87
 1,3-Dichlorobenzene
 Concen: 0.330 ug/l
 RT: 13.718 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

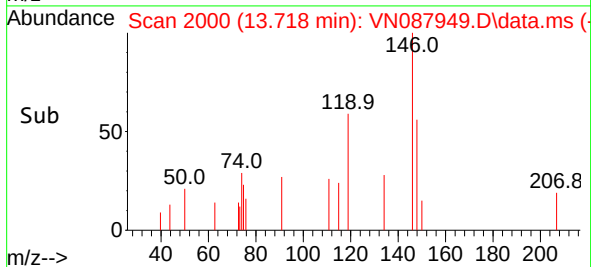
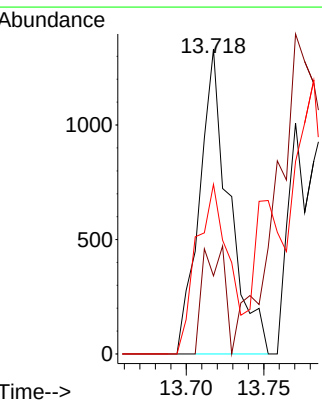
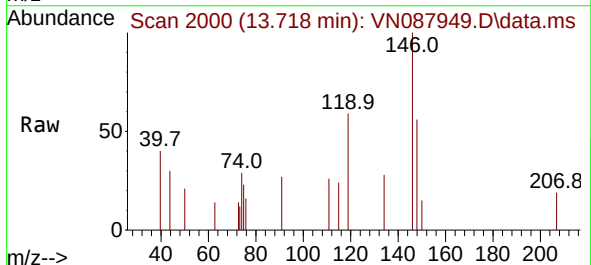
Instrument :
 MSVOA_N
 ClientSampleId :

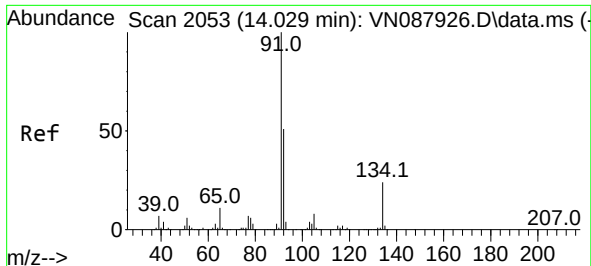
Tgt Ion:146 Resp: 1781
 Ion Ratio Lower Upper
 146 100
 111 25.2 20.3 60.8
 148 59.4 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 0.321 ug/l
 RT: 13.718 min Scan# 2000
 Delta R.T. -0.071 min
 Lab File: VN087949.D
 Acq: 25 Sep 2025 12:37

Tgt Ion:146 Resp: 1781
 Ion Ratio Lower Upper
 146 100
 111 25.2 20.5 61.5
 148 59.4 32.8 98.4





#89

n-Butylbenzene

Concen: 0.402 ug/l

RT: 14.041 min Scan# 2055

Delta R.T. 0.012 min

Lab File: VN087949.D

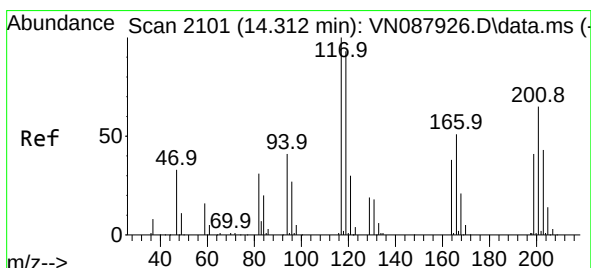
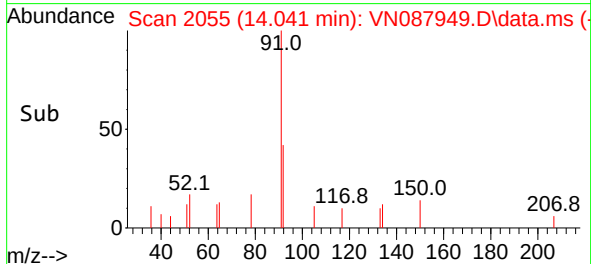
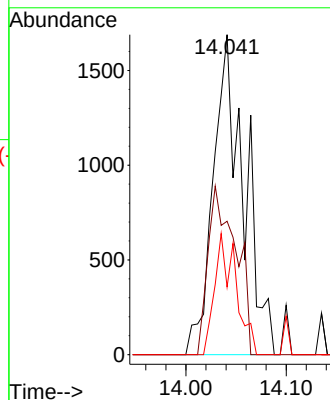
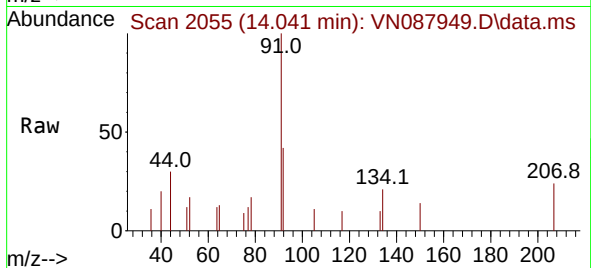
Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp:	3592
Ion Ratio	Lower	Upper
91	100	
92	47.7	25.9 77.8
134	26.3	12.6 37.8



#90

Hexachloroethane

Concen: 0.363 ug/l

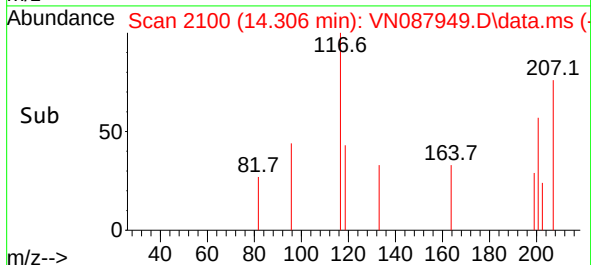
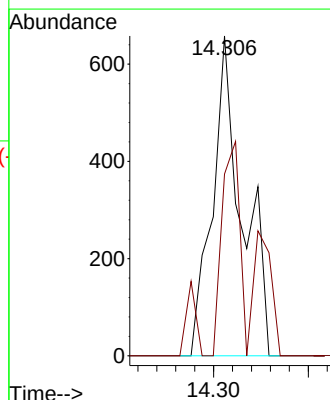
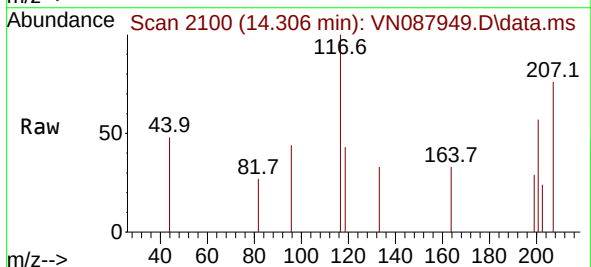
RT: 14.306 min Scan# 2100

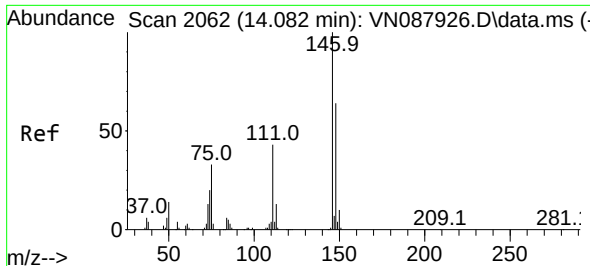
Delta R.T. -0.006 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

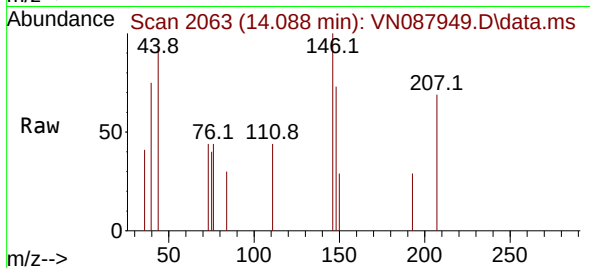
Tgt Ion: 117	Resp:	717
Ion Ratio	Lower	Upper
117	100	
201	70.7	33.6 100.6



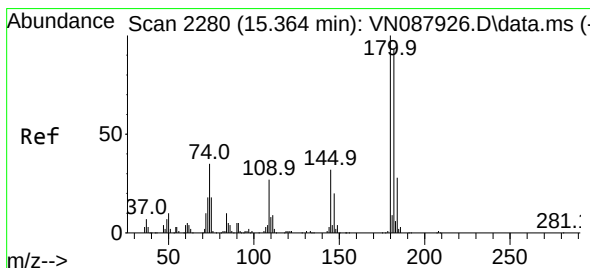
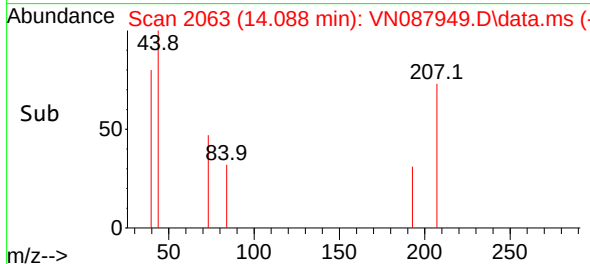
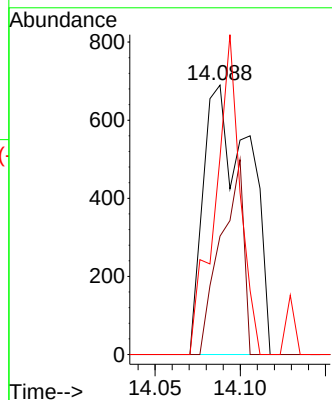


#91
1,2-Dichlorobenzene
Concen: 0.246 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :

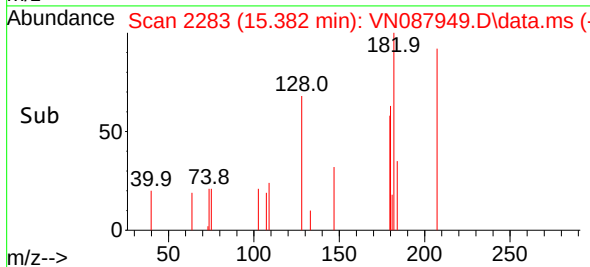
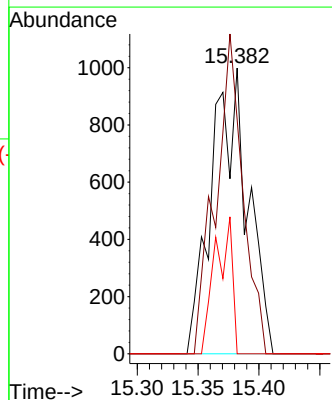
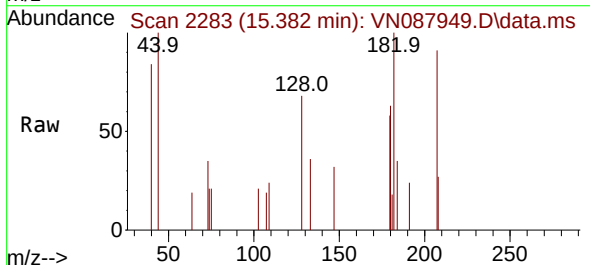


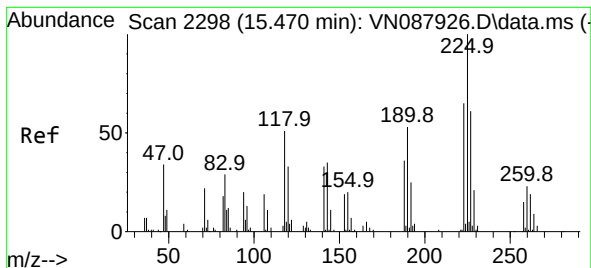
Tgt Ion:146 Resp: 1279
Ion Ratio Lower Upper
146 100
111 36.4 20.9 62.7
148 65.7 31.9 95.9



#93
1,2,4-Trichlorobenzene
Concen: 0.674 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. 0.018 min
Lab File: VN087949.D
Acq: 25 Sep 2025 12:37

Tgt Ion:180 Resp: 2071
Ion Ratio Lower Upper
180 100
182 84.5 48.5 145.5
145 22.7 15.9 47.6





#94

Hexachlorobutadiene

Concen: 1.207 ug/l

RT: 15.476 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

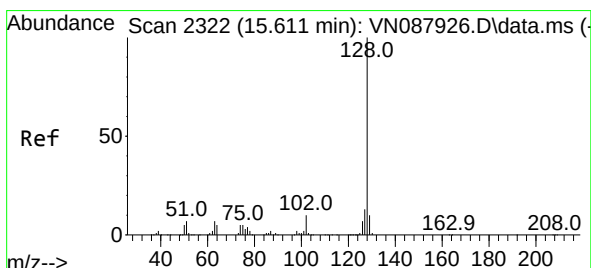
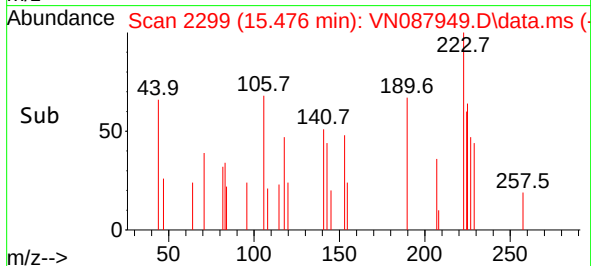
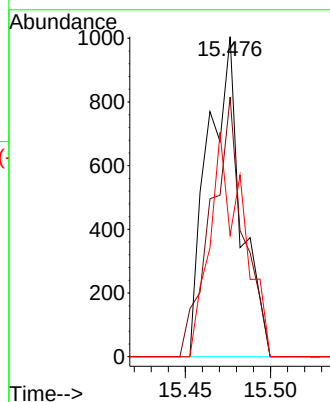
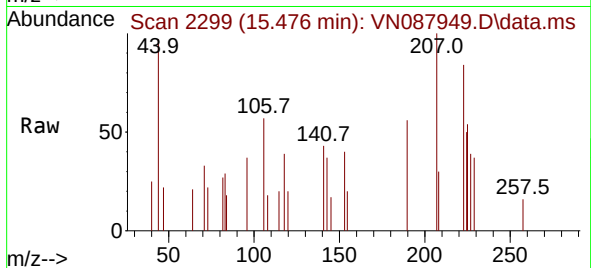
Tgt Ion:225 Resp: 1365

Ion Ratio Lower Upper

225 100

223 79.6 31.8 95.4

227 70.0 31.9 95.9



#95

Naphthalene

Concen: 0.445 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

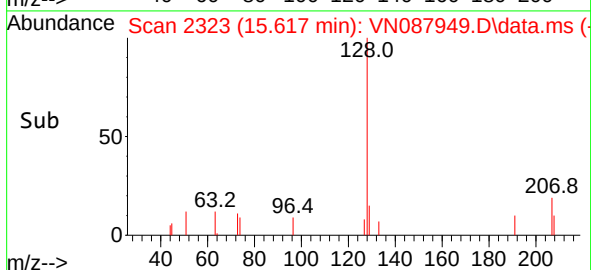
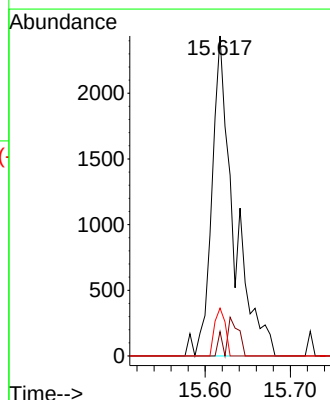
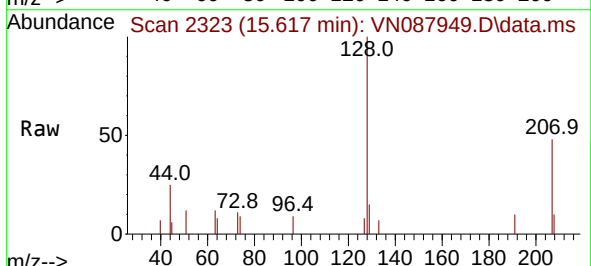
Tgt Ion:128 Resp: 4391

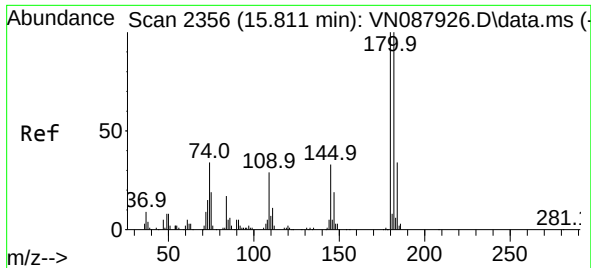
Ion Ratio Lower Upper

128 100

127 7.1 10.2 15.4#

129 7.2 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.633 ug/l

RT: 15.823 min Scan# 21

Delta R.T. 0.012 min

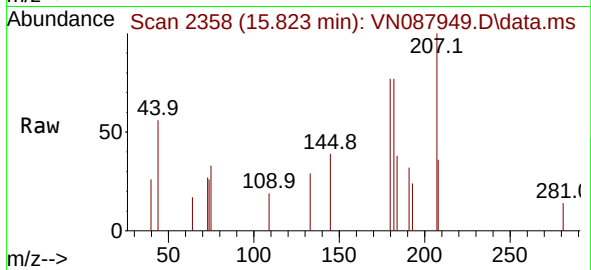
Lab File: VN087949.D

Acq: 25 Sep 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1892

Ion Ratio Lower Upper

180 100

182 96.1 47.3 142.0

145 21.6 16.1 48.3

