

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087929.D
 Acq On : 23 Sep 2025 11:17
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 23 12:17:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 23 12:15:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	207217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	431165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	409991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	201362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	184149	52.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.620%	
35) Dibromofluoromethane	8.153	113	155293	49.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.220%	
50) Toluene-d8	10.547	98	541445	49.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.829	95	188220	47.832	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	1032	0.423	ug/l	76
3) Chloromethane	2.389	50	1074	0.421	ug/l #	86
4) Vinyl Chloride	2.530	62	965	0.376	ug/l #	44
5) Bromomethane	2.989	94	2447	1.575	ug/l	89
6) Chloroethane	3.154	64	683	0.411	ug/l #	64
7) Trichlorofluoromethane	3.512	101	1508	0.358	ug/l #	62
9) 1,1,2-Trichlorotrifluo...	4.377	101	983	0.461	ug/l #	74
10) Methyl Iodide	4.595	142	2282	1.175	ug/l #	88
11) Tert butyl alcohol	5.524	59	1185	2.359	ug/l #	71
12) 1,1-Dichloroethene	4.336	96	1164	0.505	ug/l #	62
13) Acrolein	4.154	56	1917	2.974	ug/l #	76
15) Acrylonitrile	5.712	53	2770	1.727	ug/l #	55
16) Acetone	4.424	43	4393	2.845	ug/l #	82
17) Carbon Disulfide	4.689	76	5211	0.753	ug/l #	86
18) Methyl Acetate	5.030	43	1796	0.482	ug/l #	75
19) Methyl tert-butyl Ether	5.789	73	2332	0.277	ug/l #	53
20) Methylene Chloride	5.271	84	1762	0.566	ug/l #	56
21) trans-1,2-Dichloroethene	5.777	96	1953	0.712	ug/l #	61
23) Vinyl Acetate	6.606	43	8842	1.229	ug/l	97
24) 1,1-Dichloroethane	6.559	63	1308	0.258	ug/l #	82
25) 2-Butanone	7.477	43	4456	2.024	ug/l #	54
27) cis-1,2-Dichloroethene	7.465	96	1493	0.451	ug/l	57
28) Bromochloromethane	7.789	49	759	0.280	ug/l #	61
29) Tetrahydrofuran	7.812	42	469	0.338	ug/l #	34
30) Chloroform	7.953	83	1463	0.264	ug/l #	75
31) Cyclohexane	8.194	56	7487	1.915	ug/l #	44
32) 1,1,1-Trichloroethane	8.147	97	1064	0.232	ug/l #	21
36) 1,1-Dichloropropene	8.353	75	1845	0.483	ug/l	91
37) Ethyl Acetate	7.477	43	4456	0.872	ug/l #	64
38) Carbon Tetrachloride	8.330	117	1035	0.231	ug/l #	58
39) Methylcyclohexane	9.577	83	2850	0.689	ug/l #	83
40) Benzene	8.588	78	3088	0.246	ug/l #	71
41) Methacrylonitrile	7.771	41	705	0.282	ug/l #	83
42) 1,2-Dichloroethane	8.653	62	1883	0.400	ug/l #	76
43) Isopropyl Acetate	8.671	43	1807	0.235	ug/l #	69
44) Trichloroethene	9.324	130	1465	0.500	ug/l	91

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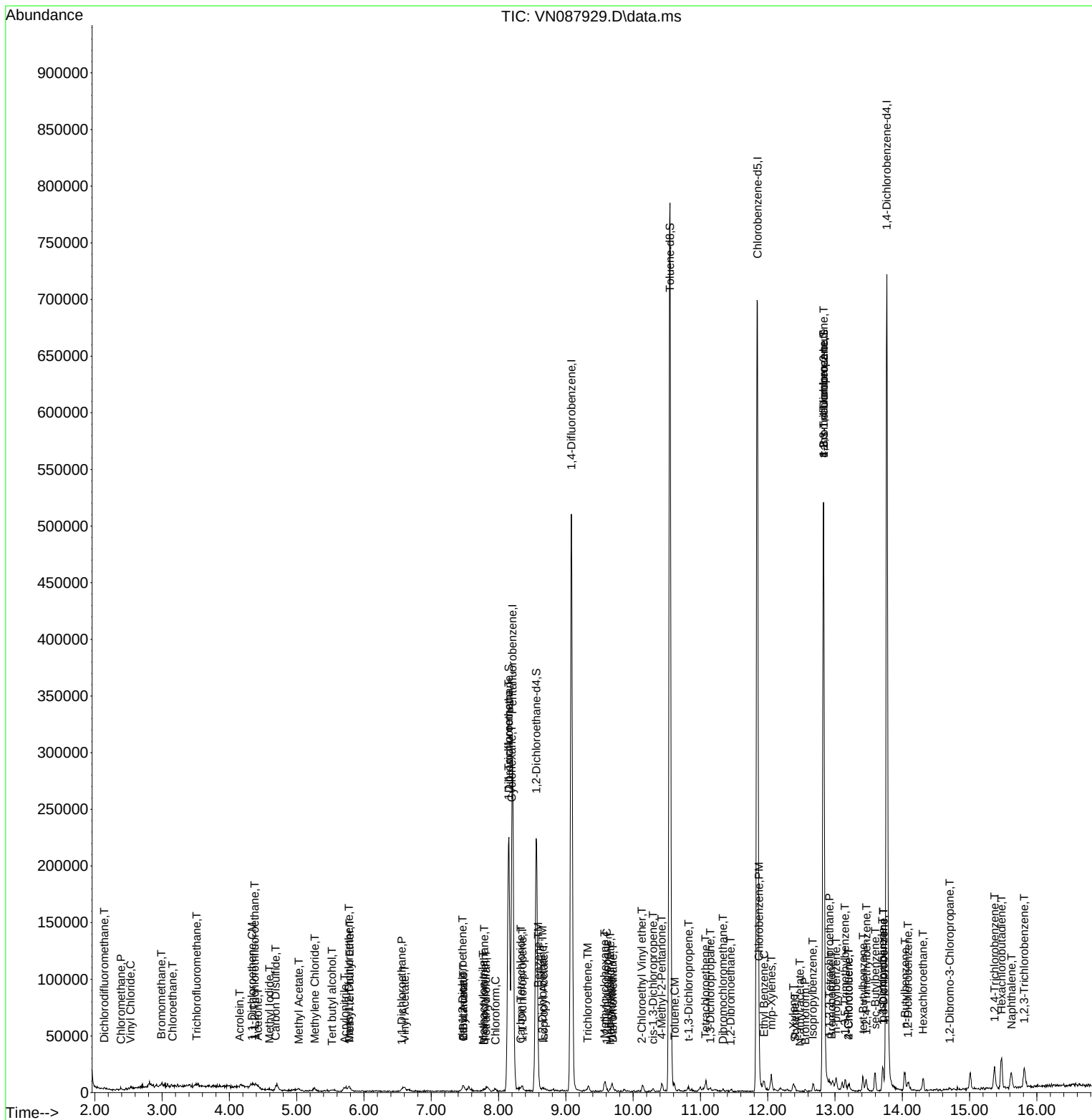
Instrument :
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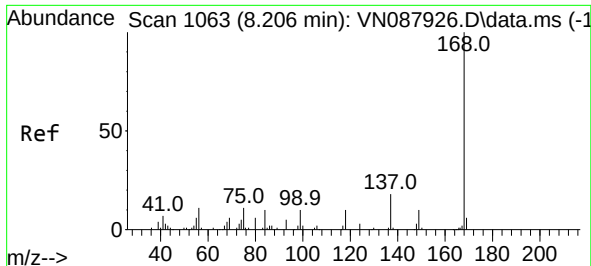
Quant Time: Sep 23 12:17:17 2025
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.606	63	819	0.254	ug/l #	43
46) Dibromomethane	9.700	93	1032	0.421	ug/l	90
48) Methyl methacrylate	9.659	41	956	0.279	ug/l #	58
49) 1,4-Dioxane	9.683	88	3330	63.655	ug/l #	78
51) 4-Methyl-2-Pentanone	10.424	43	5208	1.110	ug/l	91
52) Toluene	10.618	92	2809	0.371	ug/l #	73
53) t-1,3-Dichloropropene	10.824	75	2018	0.413	ug/l #	73
54) cis-1,3-Dichloropropene	10.294	75	1381	0.271	ug/l #	71
57) 1,3-Dichloropropane	11.147	76	1448	0.282	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.130	63	2459	1.201	ug/l #	88
60) Dibromochloromethane	11.335	129	1026	0.270	ug/l	83
61) 1,2-Dibromoethane	11.447	107	978	0.295	ug/l #	73
64) Tetrachloroethene	11.077	164	1817	0.734	ug/l #	59
65) Chlorobenzene	11.871	112	3586	0.404	ug/l	93
67) Ethyl Benzene	11.947	91	5197	0.362	ug/l	92
68) m/p-Xylenes	12.053	106	3901	0.710	ug/l	98
69) o-Xylene	12.382	106	1257	0.245	ug/l	78
70) Styrene	12.406	104	2192	0.255	ug/l #	77
71) Bromoform	12.559	173	749	0.301	ug/l #	28
73) Isopropylbenzene	12.671	105	5442	0.458	ug/l #	70
74) N-amyl acetate	12.476	43	347	0.211	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.918	83	1329	0.290	ug/l #	87
76) 1,2,3-Trichloropropane	12.829	75	101413	18.272	ug/l #	1
77) Bromobenzene	12.947	156	1300	0.405	ug/l #	1
78) n-propylbenzene	13.018	91	8736	0.585	ug/l	89
79) 2-Chlorotoluene	13.200	91	5610	0.610	ug/l	71
80) 1,3,5-Trimethylbenzene	13.147	105	5930	0.575	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.829	75	101413	70.947	ug/l #	1
82) 4-Chlorotoluene	13.200	91	5610	0.602	ug/l	73
83) tert-Butylbenzene	13.418	119	6596	0.745	ug/l	93
84) 1,2,4-Trimethylbenzene	13.465	105	5773	0.545	ug/l	92
85) sec-Butylbenzene	13.600	105	11141	0.863	ug/l	97
86) p-Isopropyltoluene	13.706	119	7774	0.724	ug/l	95
87) 1,3-Dichlorobenzene	13.718	146	4987	0.779	ug/l	96
88) 1,4-Dichlorobenzene	13.718	146	4987	0.728	ug/l	94
89) n-Butylbenzene	14.041	91	10399	1.000	ug/l	94
90) Hexachloroethane	14.306	117	2013	0.847	ug/l	80
91) 1,2-Dichlorobenzene	14.082	146	3956	0.623	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.706	75	599	0.584	ug/l #	59
93) 1,2,4-Trichlorobenzene	15.370	180	6167	1.692	ug/l	96
94) Hexachlorobutadiene	15.476	225	4849	3.314	ug/l	96
95) Naphthalene	15.623	128	14441	1.279	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.812	180	6454	1.790	ug/l	97

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

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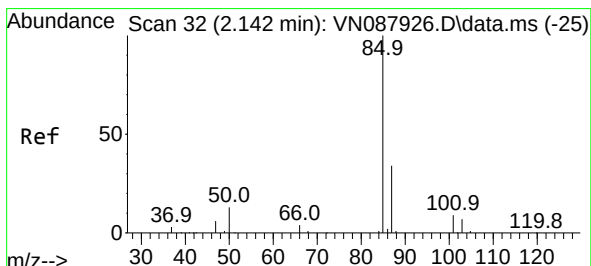
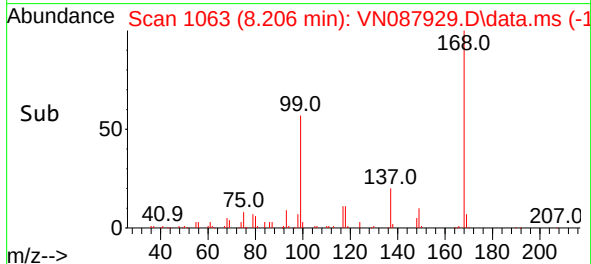
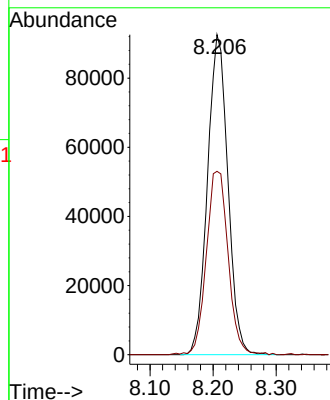
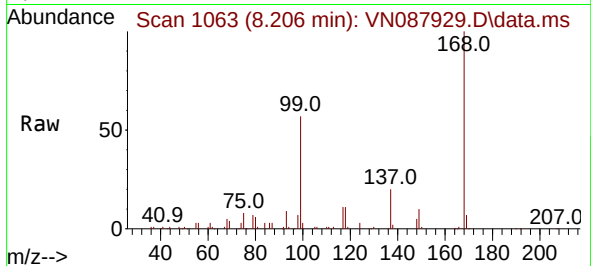




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

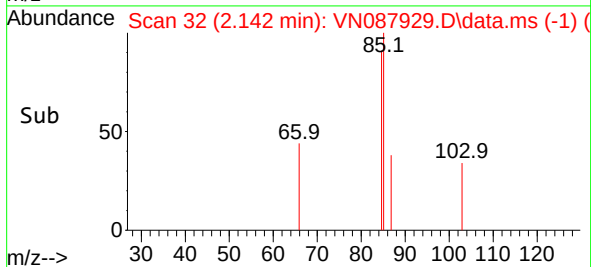
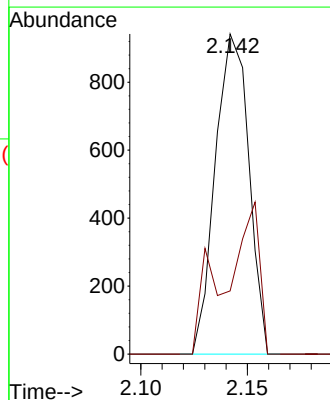
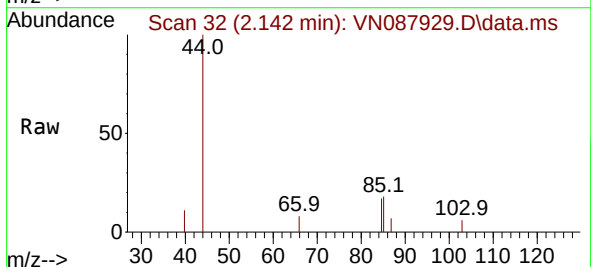
Instrument :
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IBLK

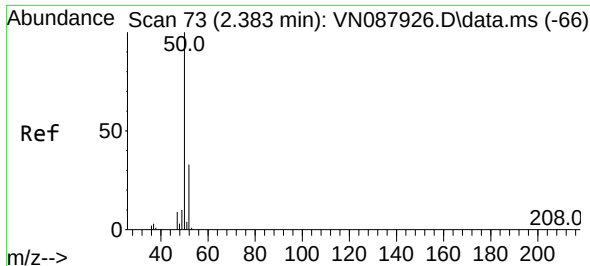
Tgt Ion:168 Resp: 207217
Ion Ratio Lower Upper
168 100
99 57.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 0.423 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 85 Resp: 1032
Ion Ratio Lower Upper
85 100
87 19.7 16.6 49.8

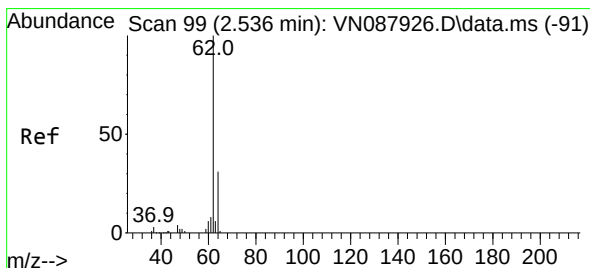
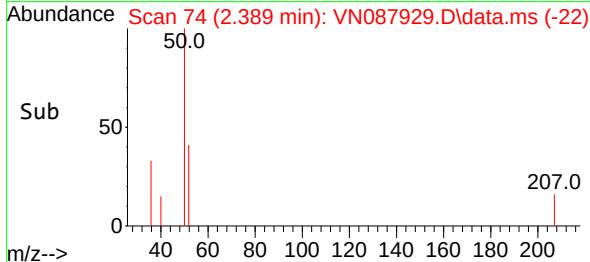
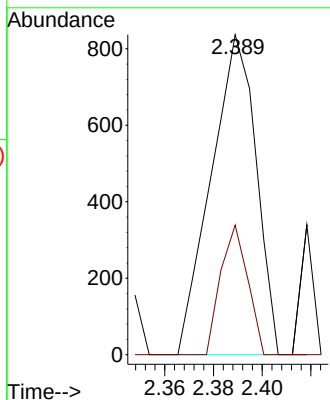
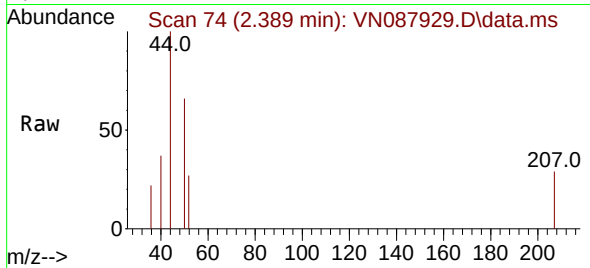




#3
Chloromethane
Concen: 0.421 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

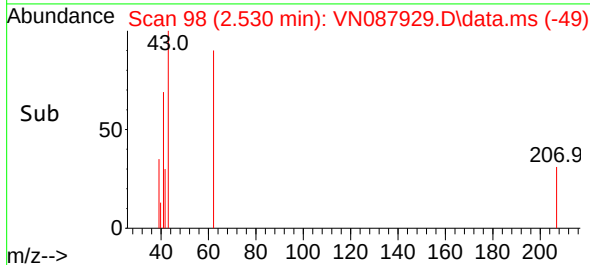
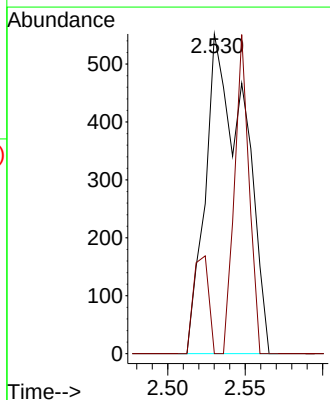
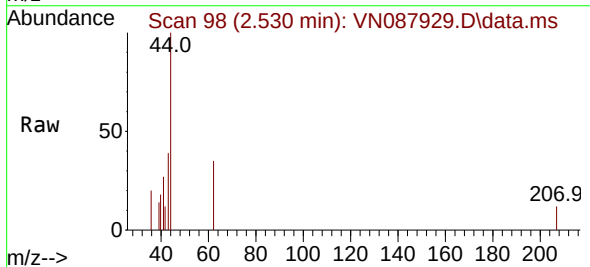
Instrument :
MSVOA_N
ClientSampleId :
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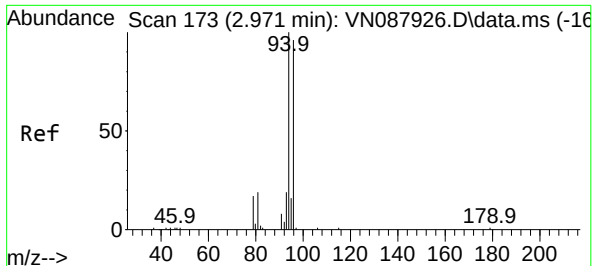
Tgt Ion: 50 Resp: 1074
Ion Ratio Lower Upper
50 100
52 40.5 26.2 39.4#



#4
Vinyl Chloride
Concen: 0.376 ug/l
RT: 2.530 min Scan# 98
Delta R.T. -0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 62 Resp: 965
Ion Ratio Lower Upper
62 100
64 0.0 24.6 37.0#

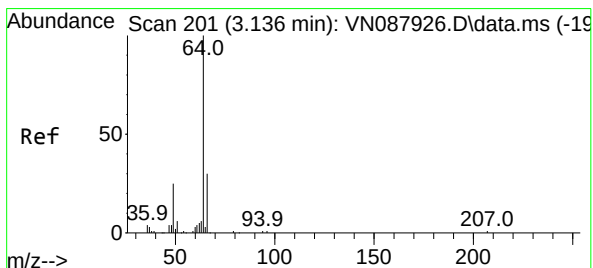
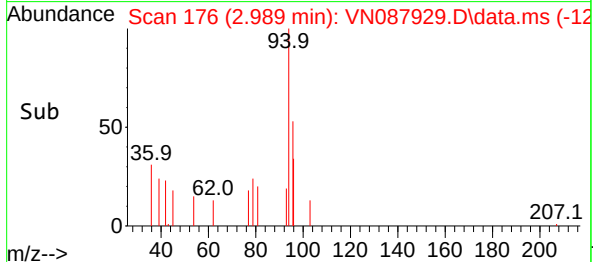
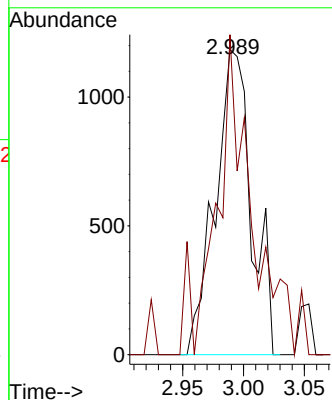
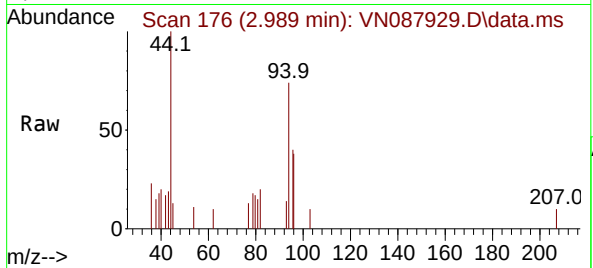




#5
Bromomethane
Concen: 1.575 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

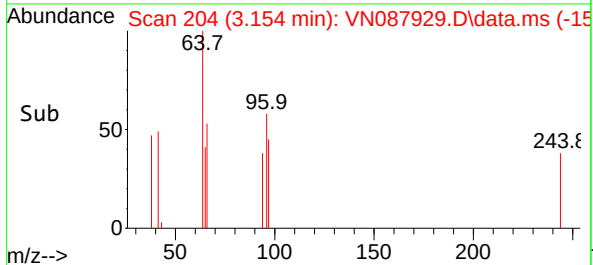
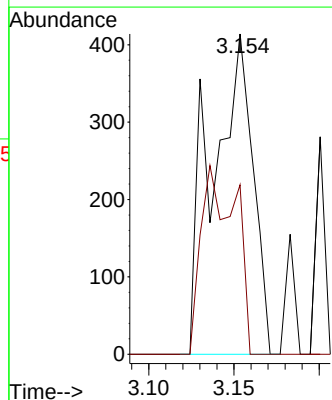
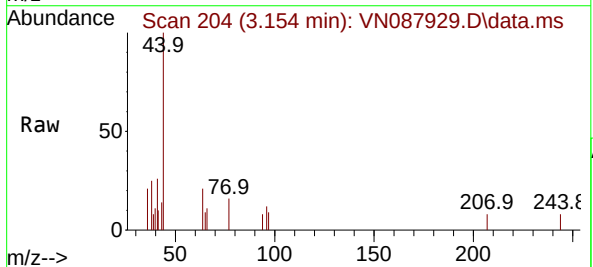
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ClientSampleId :
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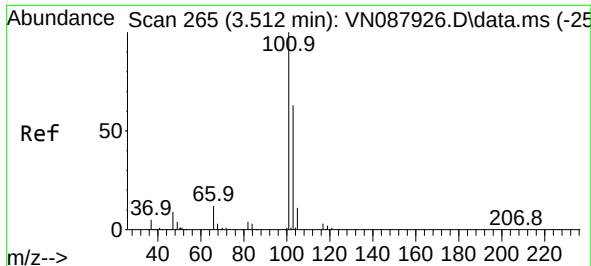
Tgt Ion: 94 Resp: 2447
Ion Ratio Lower Upper
94 100
96 104.9 75.4 113.2



#6
Chloroethane
Concen: 0.411 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.018 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 64 Resp: 683
Ion Ratio Lower Upper
64 100
66 52.9 26.2 39.2#

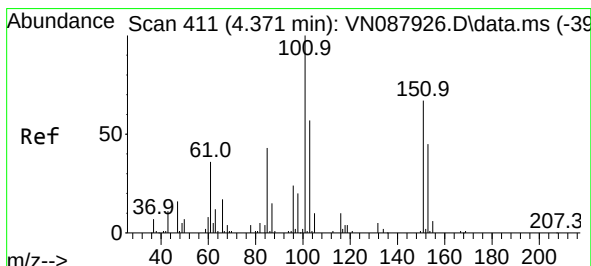
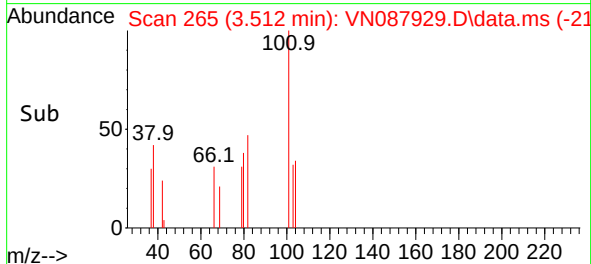
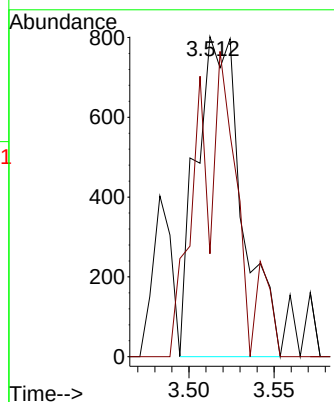
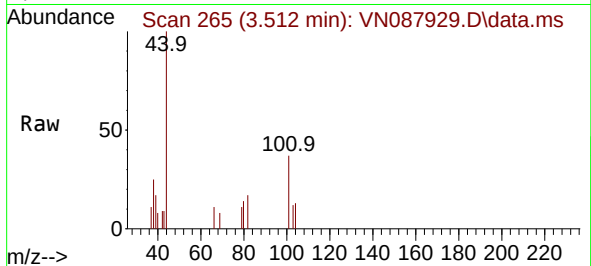




#7
 Trichlorofluoromethane
 Concen: 0.358 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

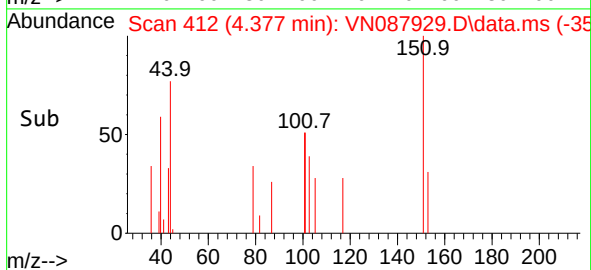
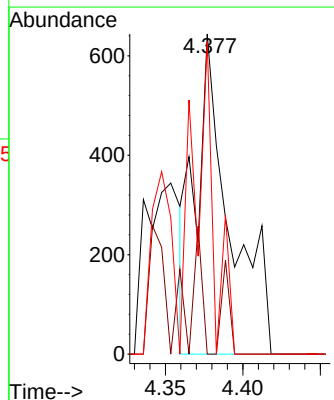
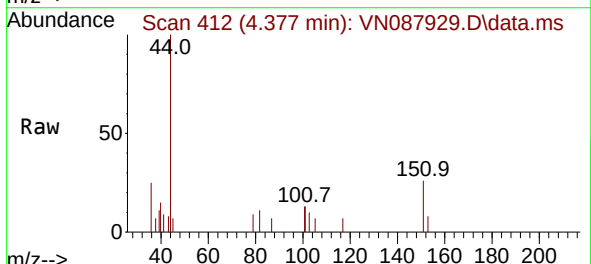
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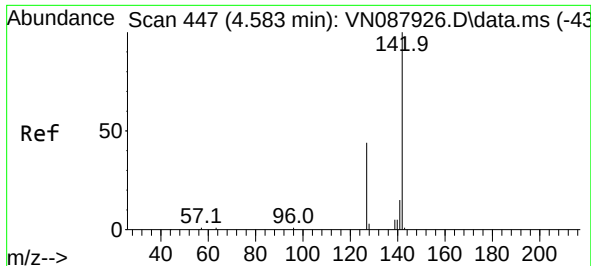
Tgt Ion:101 Resp: 1508
 Ion Ratio Lower Upper
 101 100
 103 32.2 49.4 74.0#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.461 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. 0.012 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

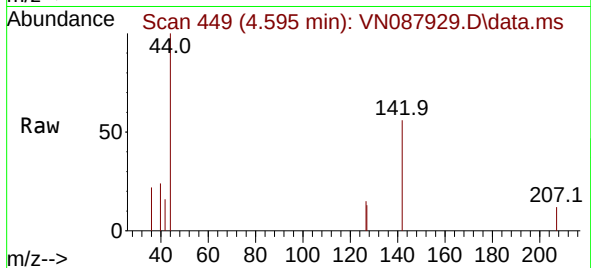
Tgt Ion:101 Resp: 983
 Ion Ratio Lower Upper
 101 100
 85 15.4 36.6 55.0#
 151 58.1 54.7 82.1



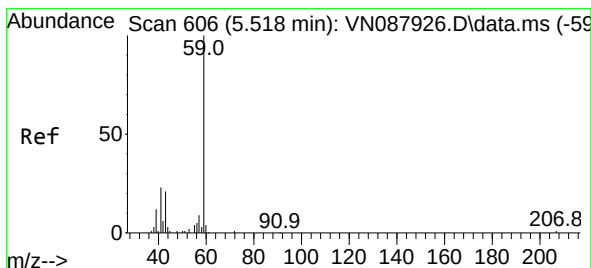
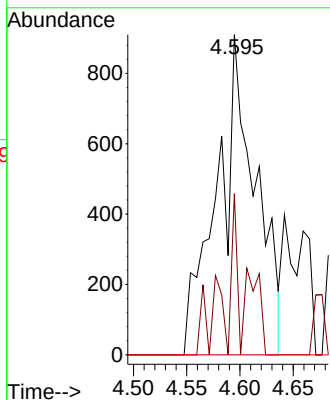
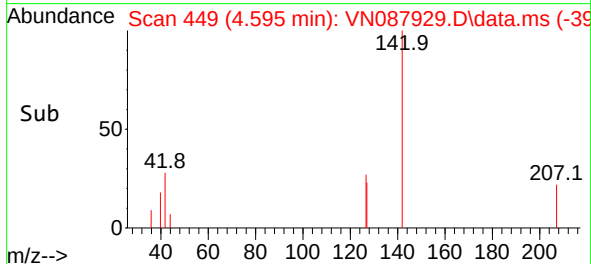


#10
Methyl Iodide
Concen: 1.175 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.018 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Instrument :
MSVOA_N
ClientSampleId :
IBLK

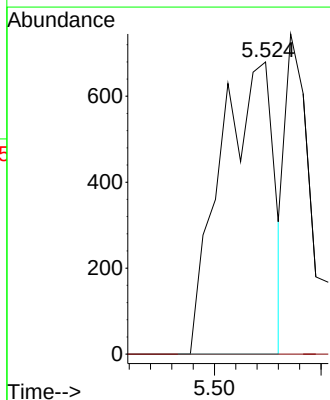
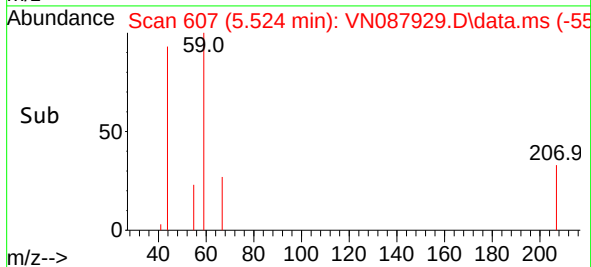
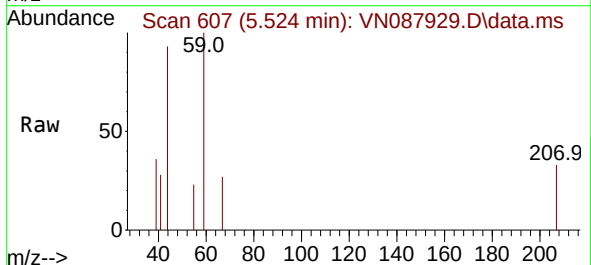


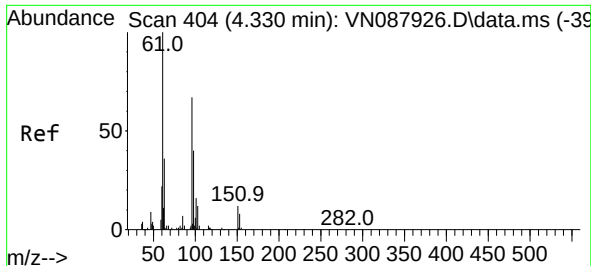
Tgt Ion:142 Resp: 2282
Ion Ratio Lower Upper
142 100
127 50.3 38.0 57.0
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 2.359 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 59 Resp: 1185
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

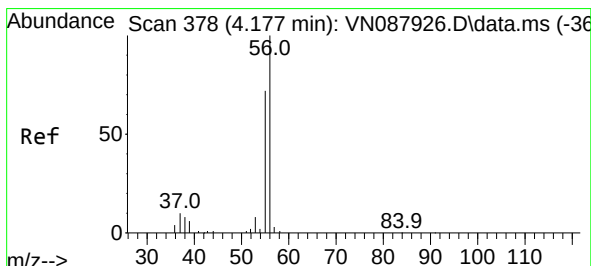
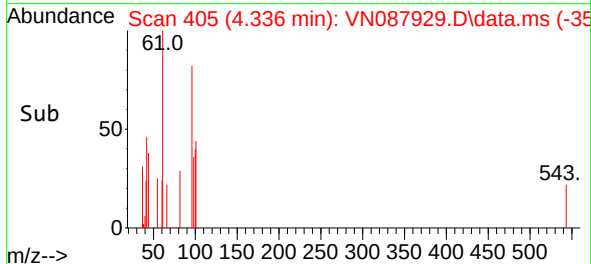
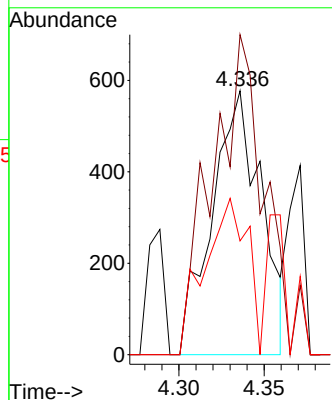
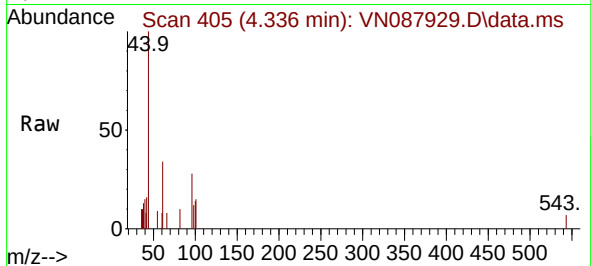




#12
1,1-Dichloroethene
Concen: 0.505 ug/l
RT: 4.336 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

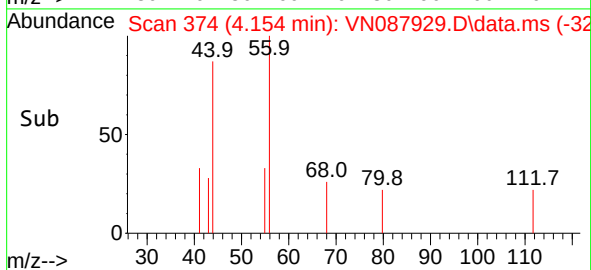
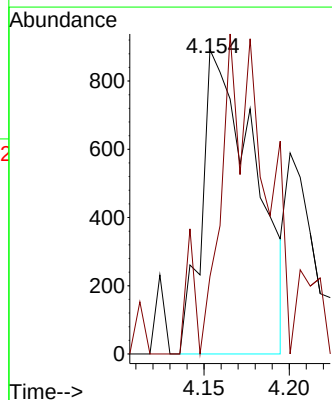
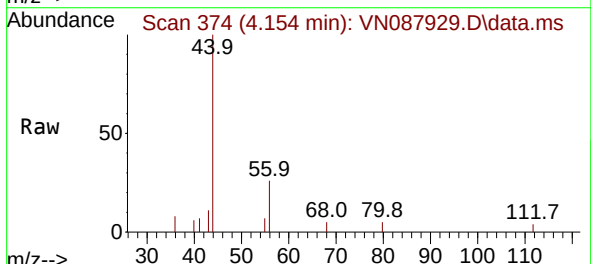
Instrument :
MSVOA_N
ClientSampleId :
IBLK

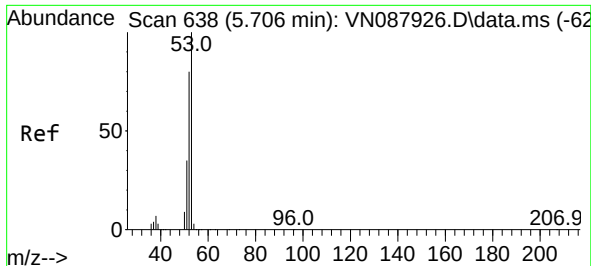
Tgt Ion: 96 Resp: 1164
Ion Ratio Lower Upper
96 100
61 121.3 143.8 215.8#
98 43.2 52.1 78.1#



#13
Acrolein
Concen: 2.974 ug/l
RT: 4.154 min Scan# 374
Delta R.T. -0.018 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 56 Resp: 1917
Ion Ratio Lower Upper
56 100
55 91.8 57.3 85.9#

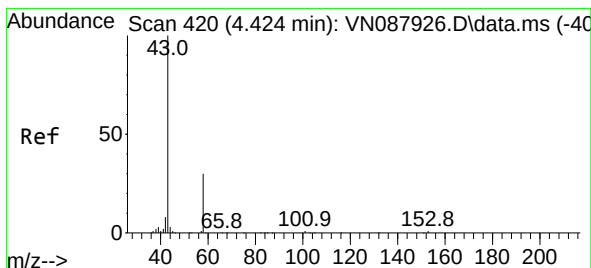
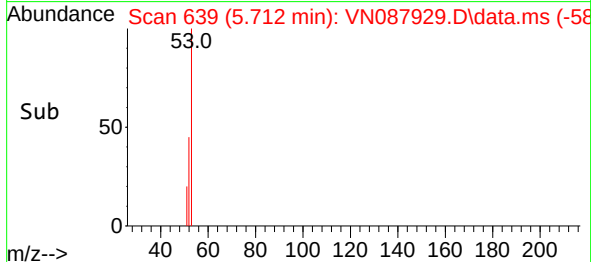
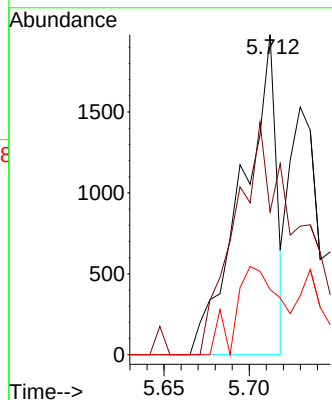
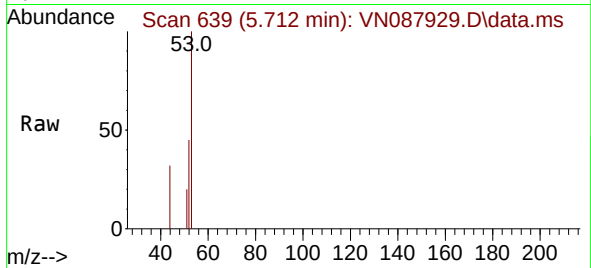




#15
Acrylonitrile
Concen: 1.727 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

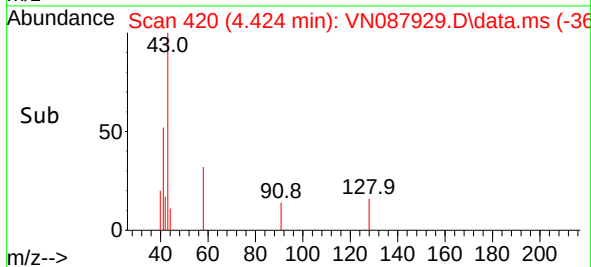
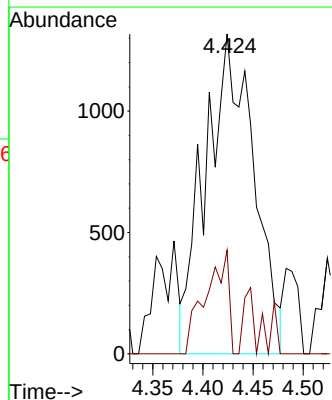
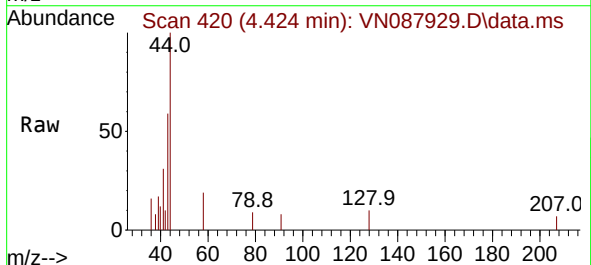
Instrument :
MSVOA_N
ClientSampleId :
IBLK

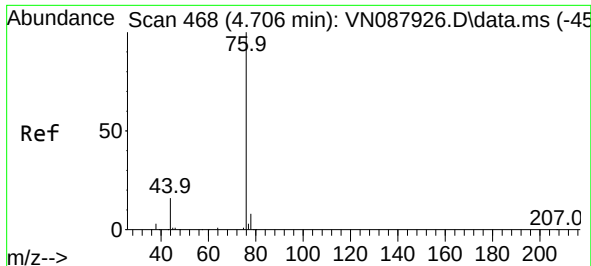
Tgt Ion: 53 Resp: 2770
Ion Ratio Lower Upper
53 100
52 142.6 67.6 101.4#
51 35.2 30.1 45.1



#16
Acetone
Concen: 2.845 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 43 Resp: 4393
Ion Ratio Lower Upper
43 100
58 37.8 22.6 33.8#





#17

Carbon Disulfide

Concen: 0.753 ug/l

RT: 4.689 min Scan# 4

Delta R.T. -0.012 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

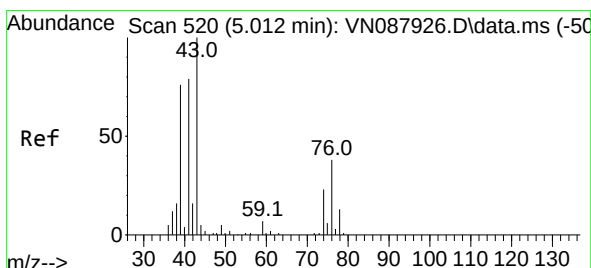
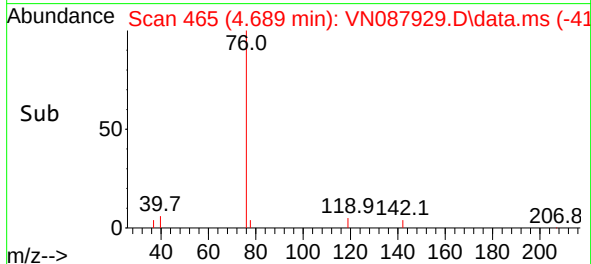
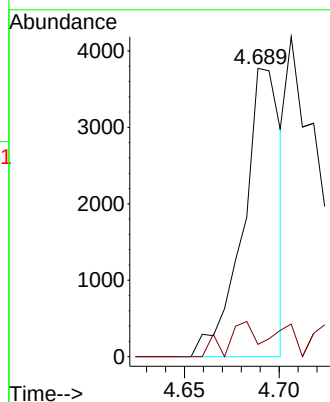
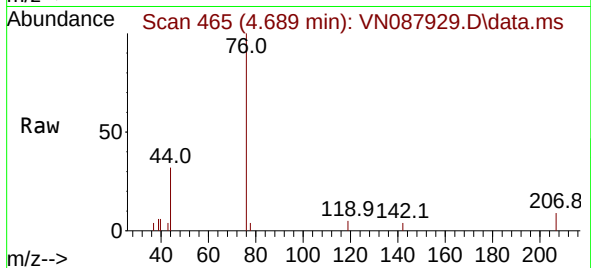
IBLK

Tgt Ion: 76 Resp: 5211

Ion Ratio Lower Upper

76 100

78 4.2 7.6 11.4#



#18

Methyl Acetate

Concen: 0.482 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.018 min

Lab File: VN087929.D

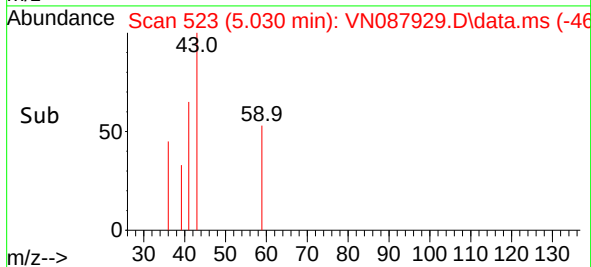
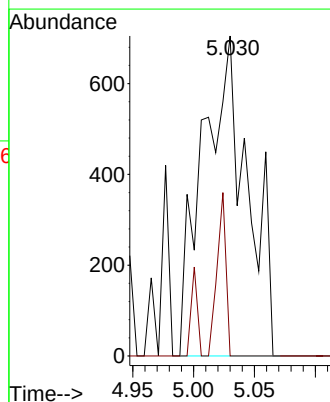
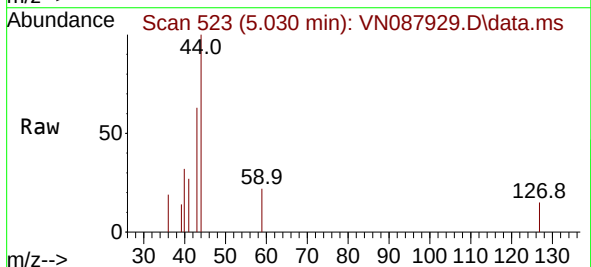
Acq: 23 Sep 2025 11:17

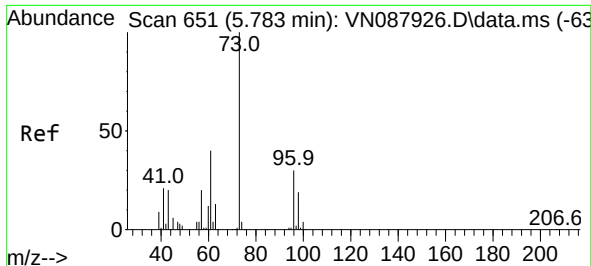
Tgt Ion: 43 Resp: 1796

Ion Ratio Lower Upper

43 100

74 10.2 17.6 26.4#

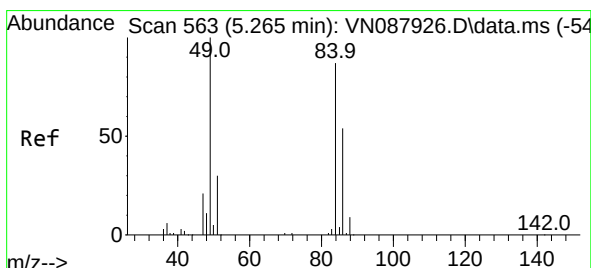
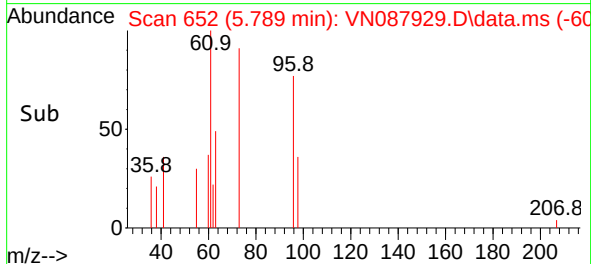
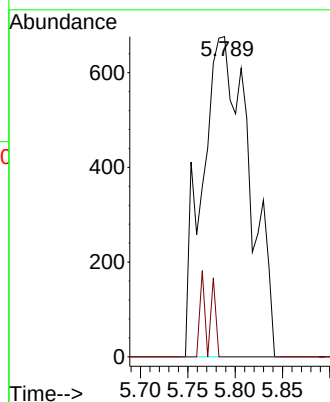
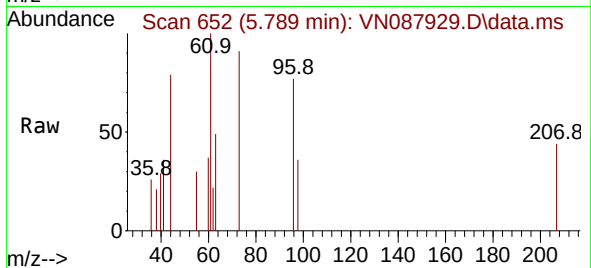




#19
Methyl tert-butyl Ether
Concen: 0.277 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

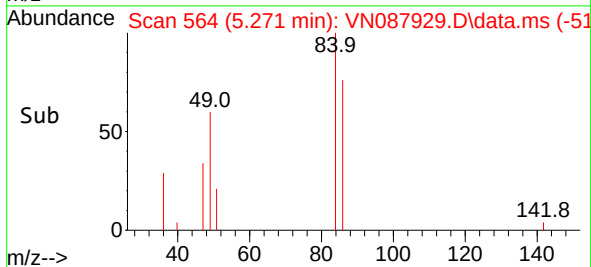
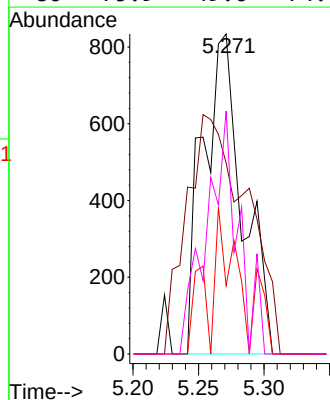
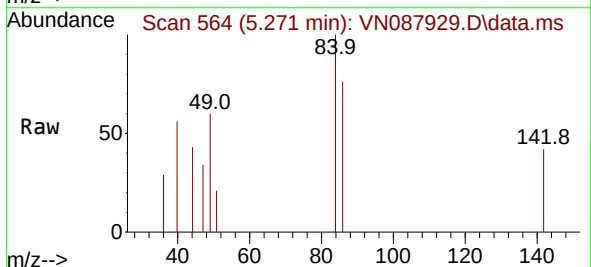
Instrument :
MSVOA_N
ClientSampleId :
IBLK

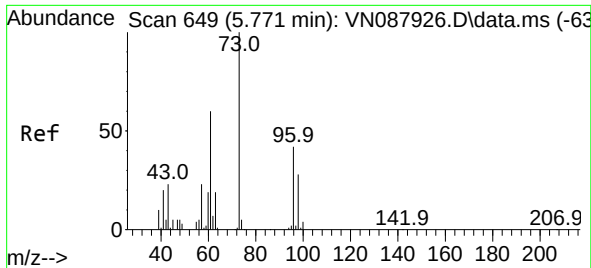
Tgt Ion: 73 Resp: 2332
Ion Ratio Lower Upper
73 100
57 0.0 18.4 27.6#



#20
Methylene Chloride
Concen: 0.566 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 84 Resp: 1762
Ion Ratio Lower Upper
84 100
49 59.7 103.4 155.2#
51 21.3 33.8 50.8#
86 75.9 49.6 74.4#

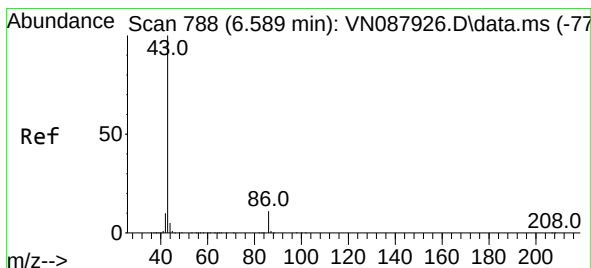
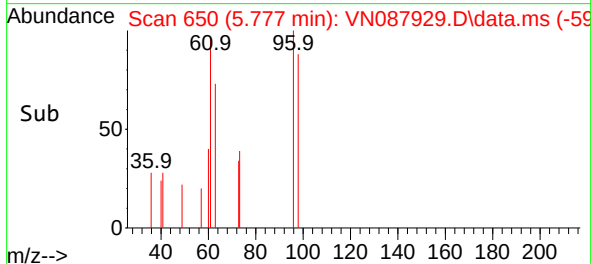
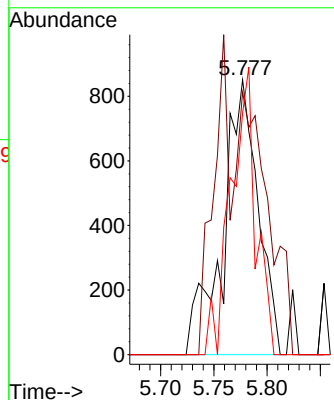
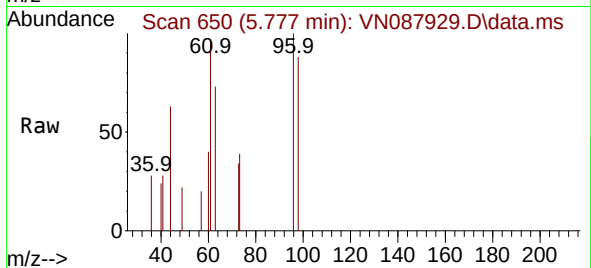




#21
trans-1,2-Dichloroethene
Concen: 0.712 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

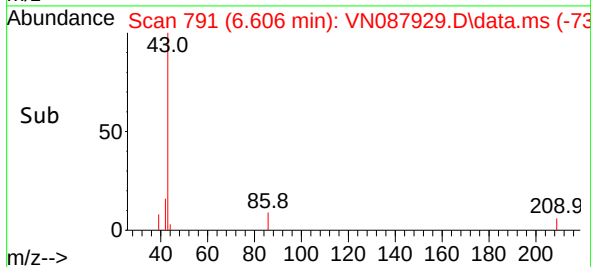
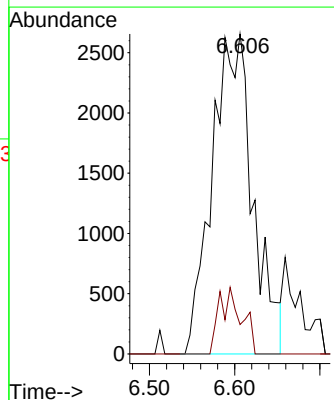
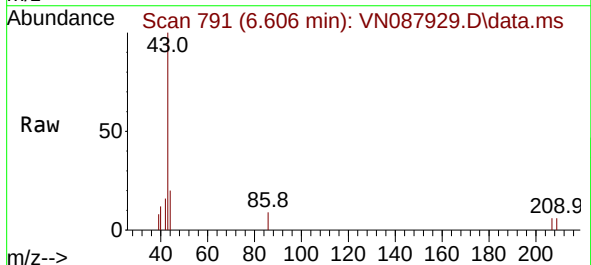
Instrument :
MSVOA_N
ClientSampleId :
IBLK

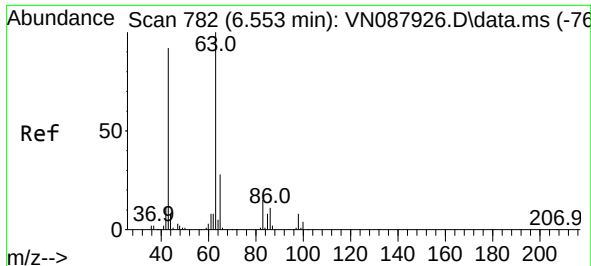
Tgt Ion: 96 Resp: 1953
Ion Ratio Lower Upper
96 100
61 95.5 118.0 177.0#
98 87.9 50.0 75.0#



#23
Vinyl Acetate
Concen: 1.229 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.018 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 43 Resp: 8842
Ion Ratio Lower Upper
43 100
86 9.2 8.2 12.4

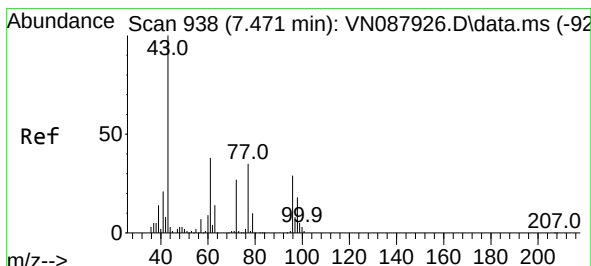
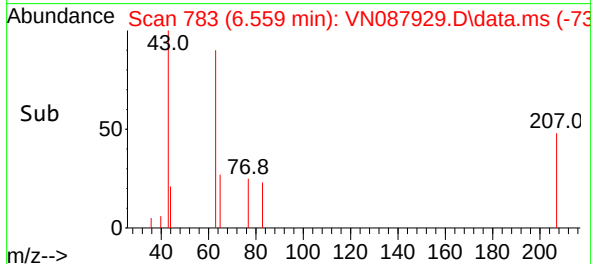
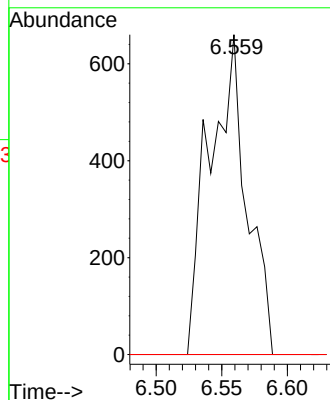
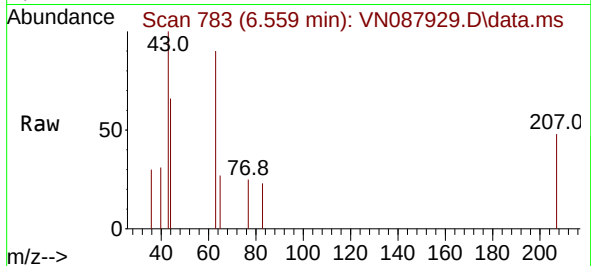




#24
1,1-Dichloroethane
Concen: 0.258 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

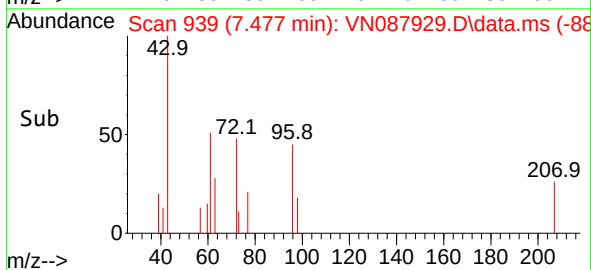
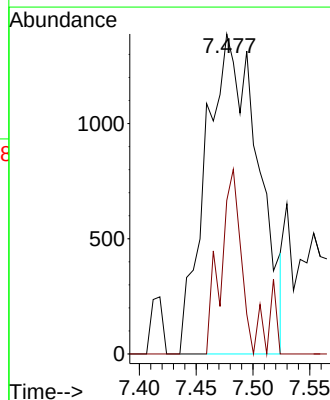
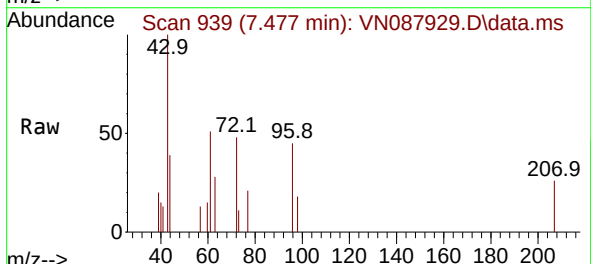
Instrument :
MSVOA_N
ClientSampleId :
IBLK

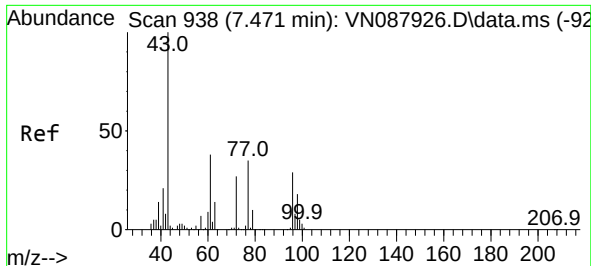
Tgt Ion: 63 Resp: 1308
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.4#
100 0.0 2.0 6.0#



#25
2-Butanone
Concen: 2.024 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 43 Resp: 4456
Ion Ratio Lower Upper
43 100
72 47.9 19.9 29.9#

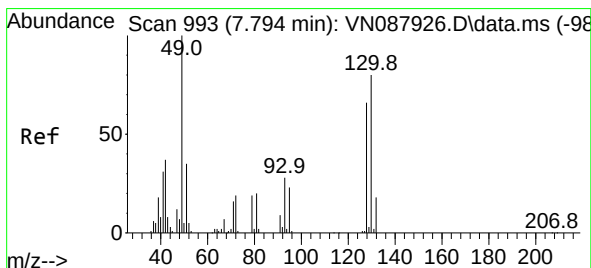
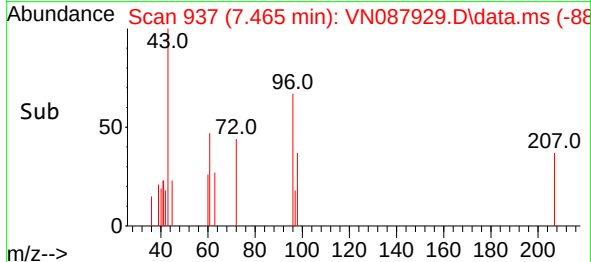
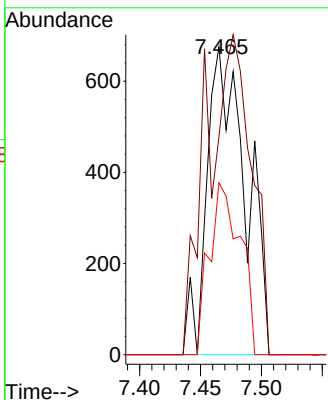
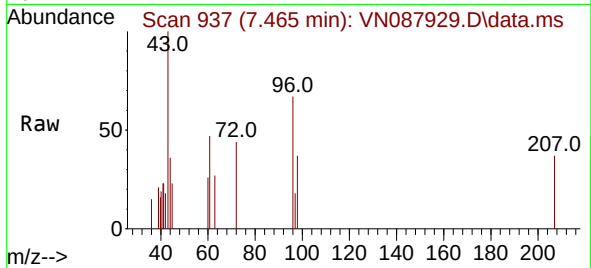




#27
 cis-1,2-Dichloroethene
 Concen: 0.451 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

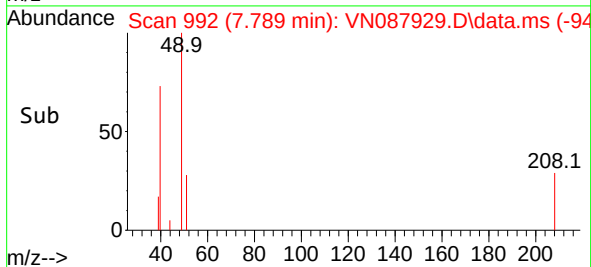
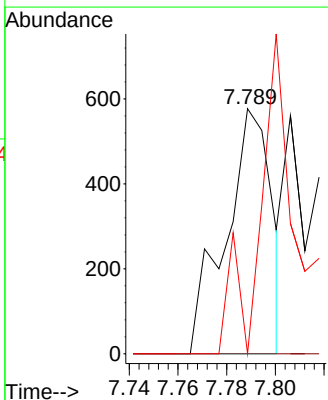
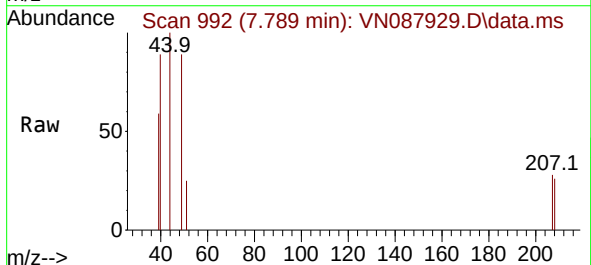
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

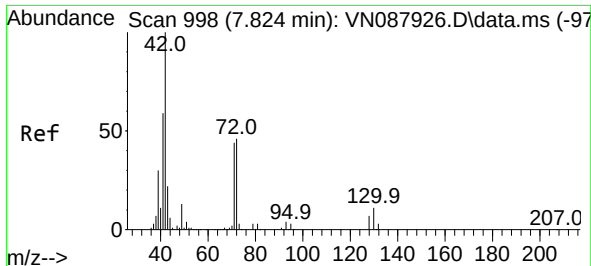
Tgt Ion: 96 Resp: 1493
 Ion Ratio Lower Upper
 96 100
 61 85.1 0.0 301.8
 98 44.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 0.280 ug/l
 RT: 7.789 min Scan# 992
 Delta R.T. -0.012 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

Tgt Ion: 49 Resp: 759
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 98.3 53.1 79.7#





#29

Tetrahydrofuran

Concen: 0.338 ug/l

RT: 7.812 min Scan# 998

Delta R.T. -0.012 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

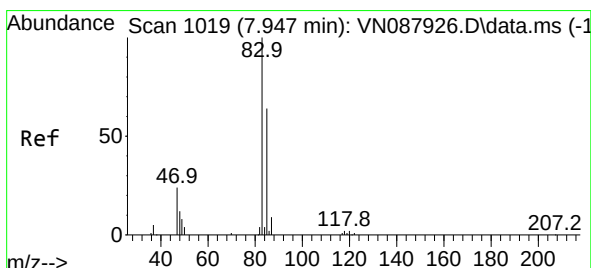
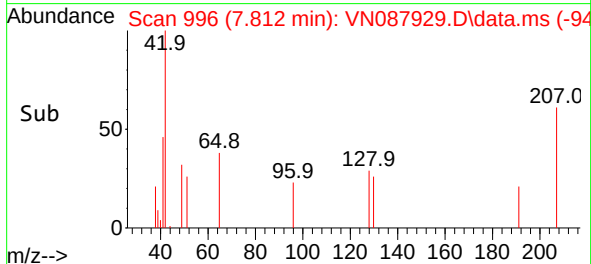
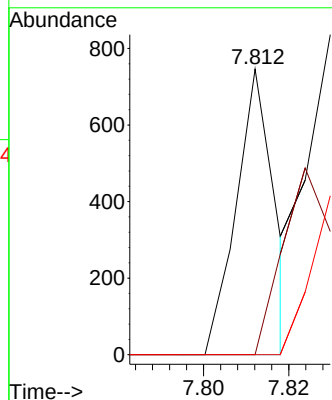
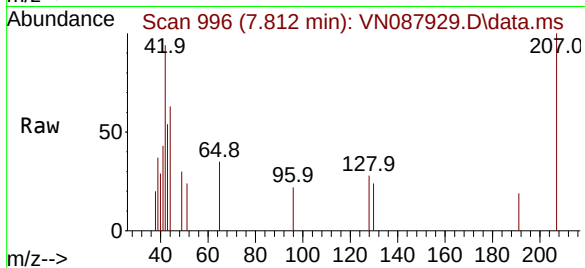
Tgt Ion: 42 Resp: 469

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.9 47.9#



#30

Chloroform

Concen: 0.264 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087929.D

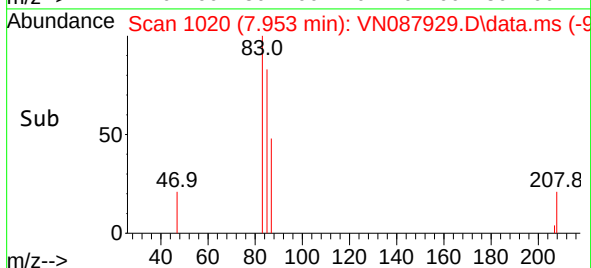
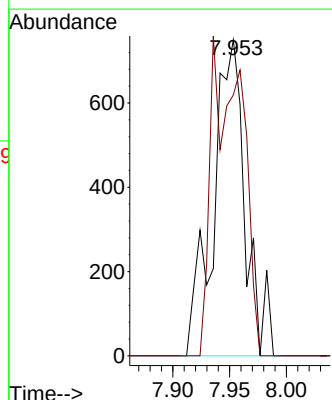
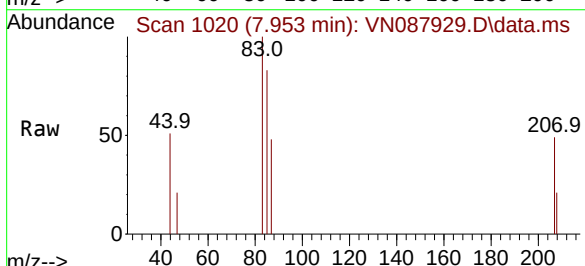
Acq: 23 Sep 2025 11:17

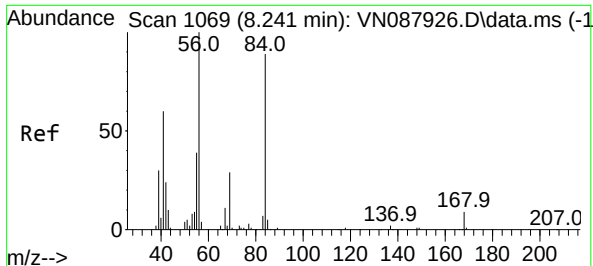
Tgt Ion: 83 Resp: 1463

Ion Ratio Lower Upper

83 100

85 82.5 50.7 76.1#

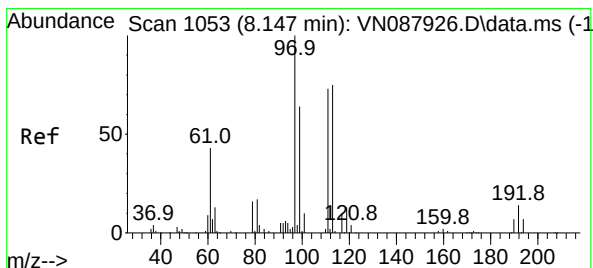
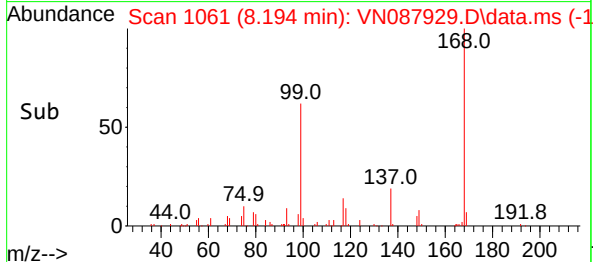
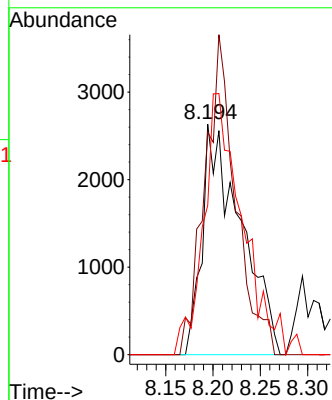
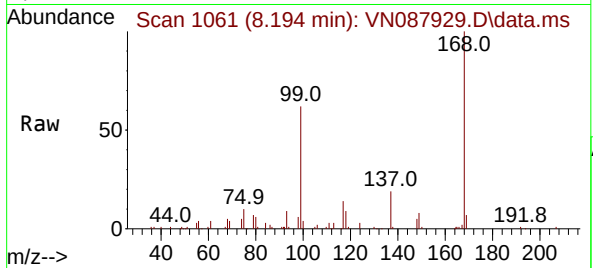




#31
Cyclohexane
Concen: 1.915 ug/l
RT: 8.194 min Scan# 1061
Delta R.T. -0.041 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

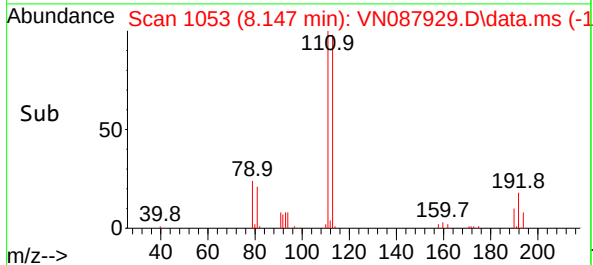
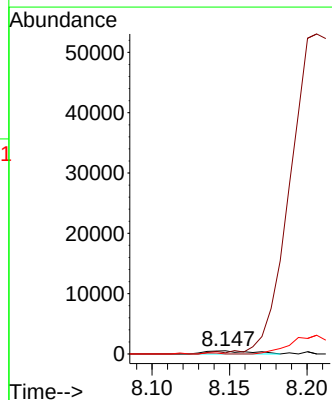
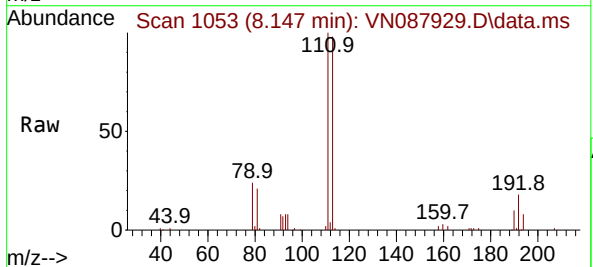
Instrument :
MSVOA_N
ClientSampleId :
IBLK

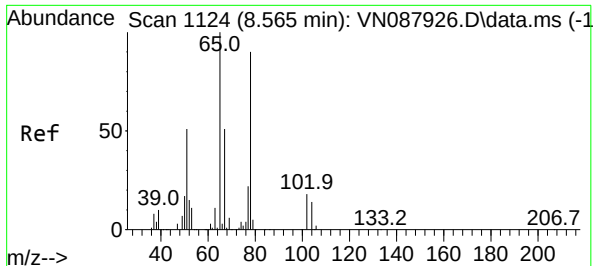
Tgt Ion: 56 Resp: 7487
Ion Ratio Lower Upper
56 100
69 96.4 23.7 35.5#
84 53.0 64.7 97.1#



#32
1,1,1-Trichloroethane
Concen: 0.232 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 97 Resp: 1064
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 0.0 41.2 61.8#





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

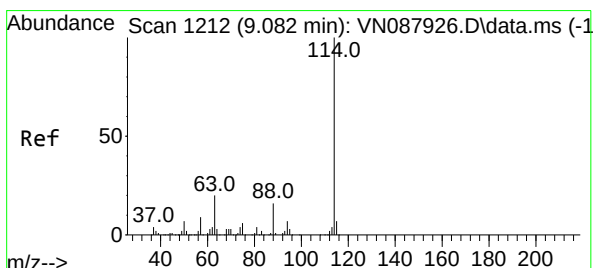
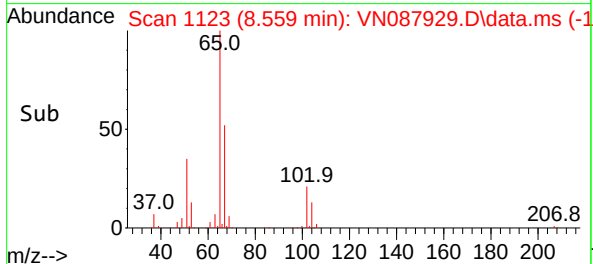
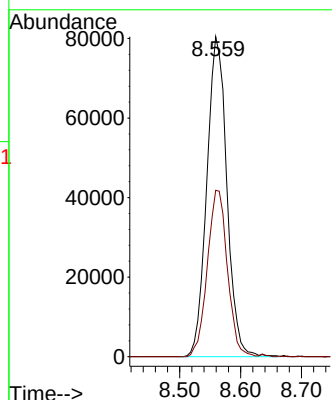
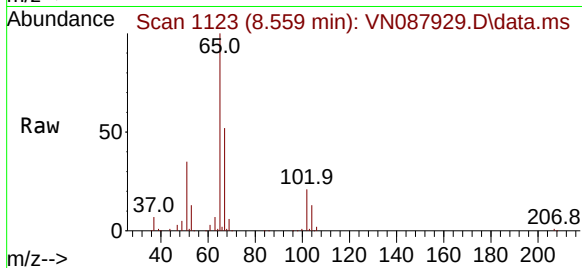
IBLK

Tgt Ion: 65 Resp: 184149

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

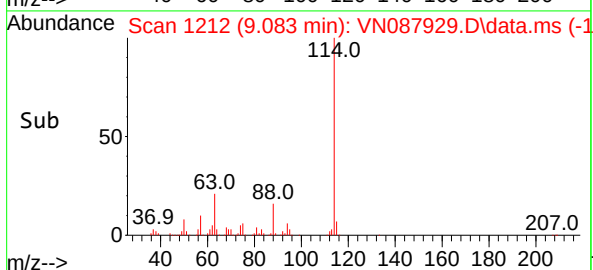
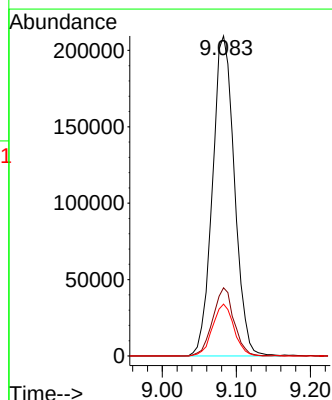
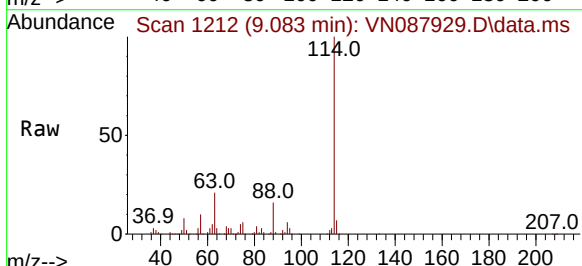
Tgt Ion: 114 Resp: 431165

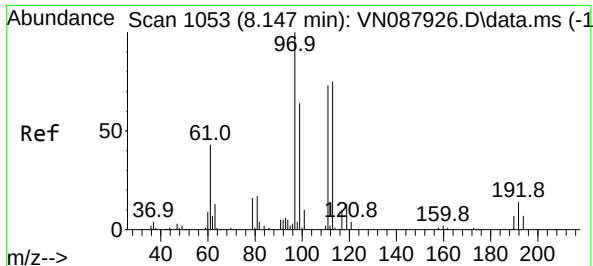
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.606 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

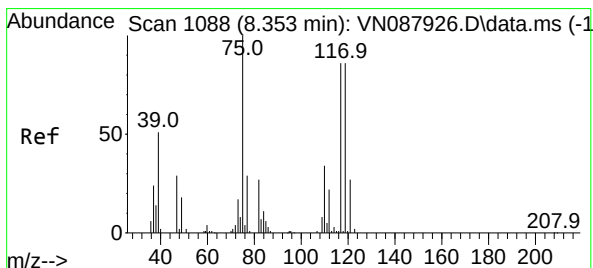
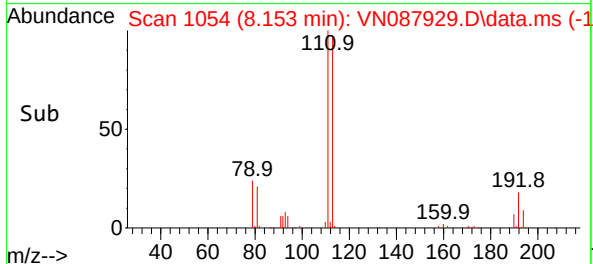
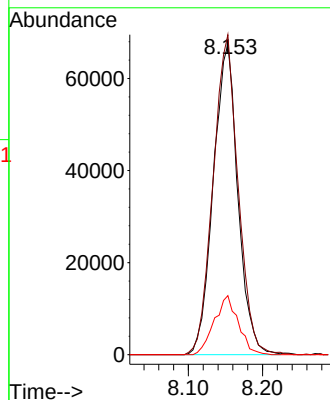
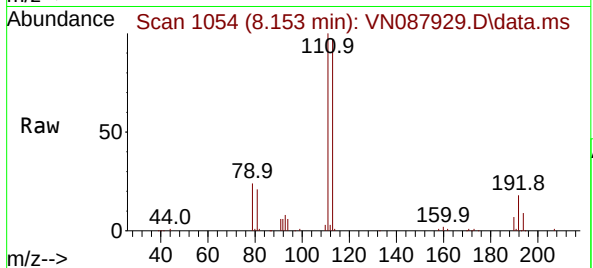
Tgt Ion:113 Resp: 155293

Ion Ratio Lower Upper

113 100

111 104.9 82.8 124.2

192 18.6 12.8 19.2



#36

1,1-Dichloropropene

Concen: 0.483 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

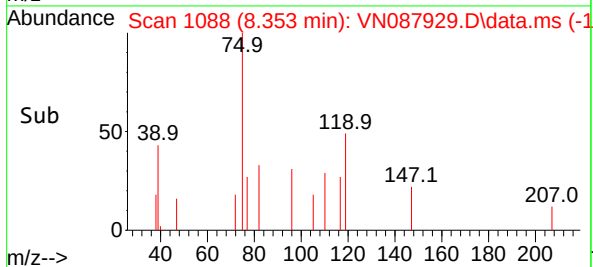
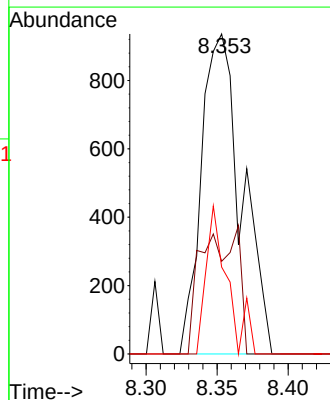
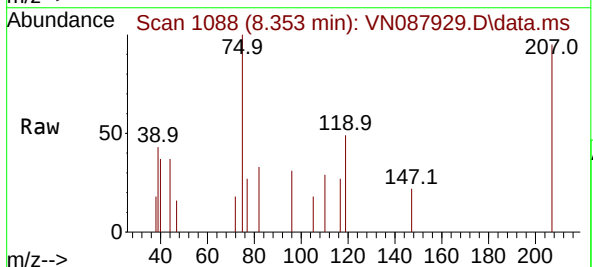
Tgt Ion: 75 Resp: 1845

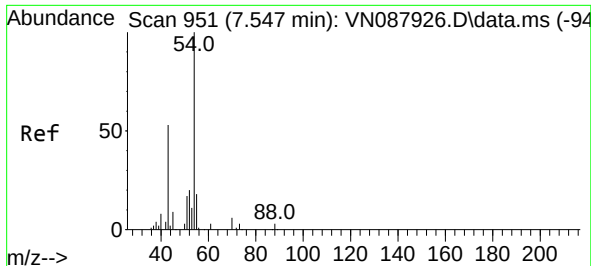
Ion Ratio Lower Upper

75 100

110 36.2 15.9 47.6

77 24.6 24.4 36.6





#37

Ethyl Acetate

Concen: 0.872 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.071 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

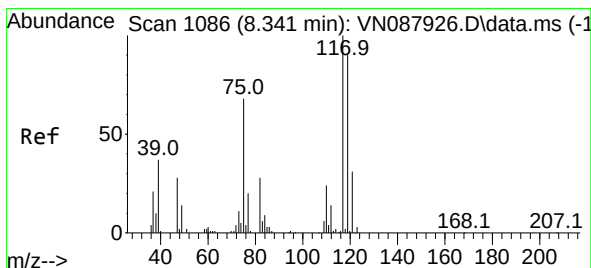
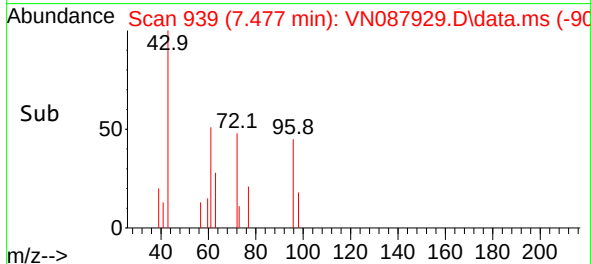
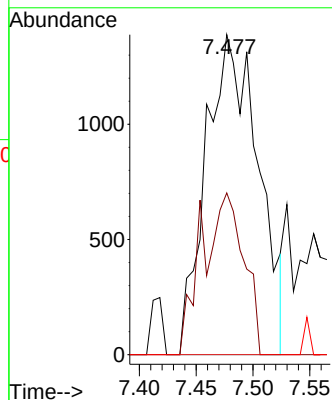
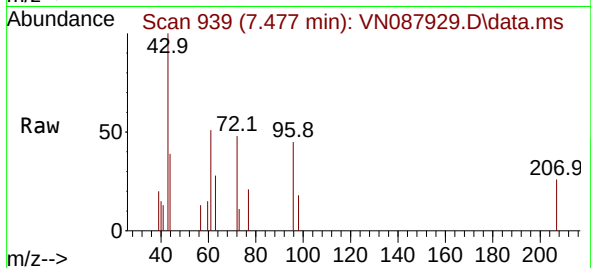
Tgt Ion: 43 Resp: 4456

Ion Ratio Lower Upper

43 100

61 28.5 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 0.231 ug/l

RT: 8.330 min Scan# 1084

Delta R.T. -0.012 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

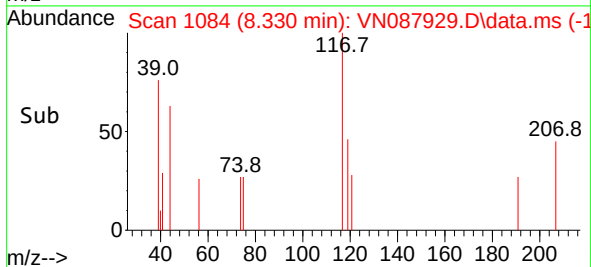
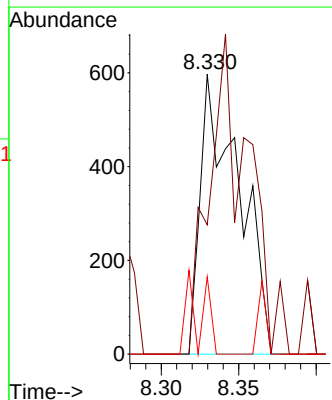
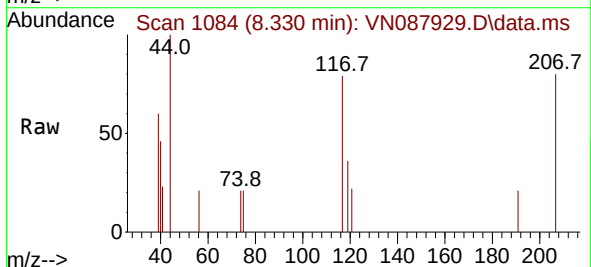
Tgt Ion: 117 Resp: 1035

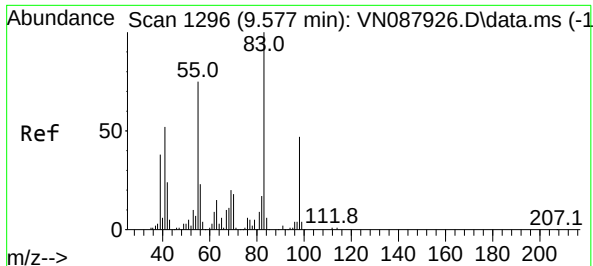
Ion Ratio Lower Upper

117 100

119 46.2 79.0 118.6#

121 27.6 25.0 37.6





#39

Methylcyclohexane

Concen: 0.689 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

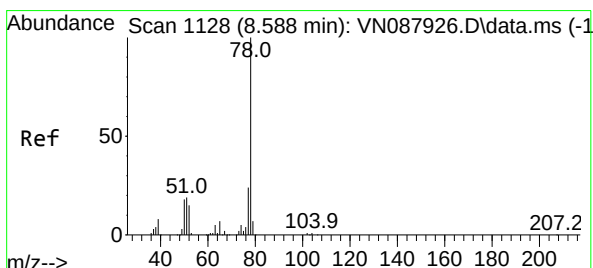
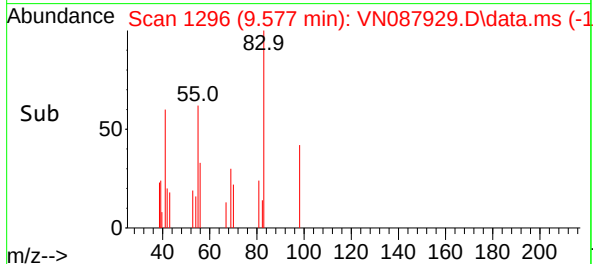
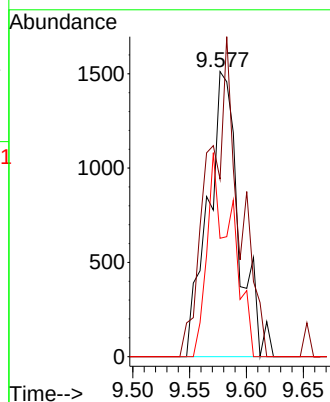
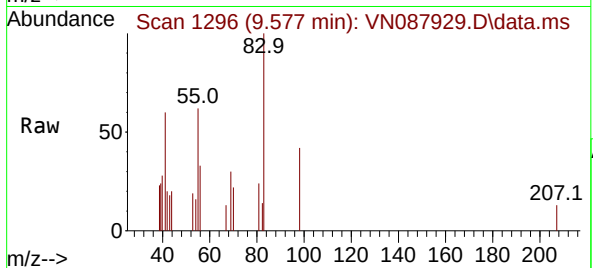
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	83	Resp:	2850
Ion	Ratio	Lower	Upper
83	100		
55	62.3	64.6	96.8#
98	41.5	38.4	57.6



#40

Benzene

Concen: 0.246 ug/l

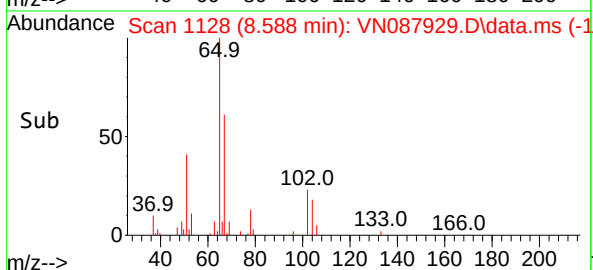
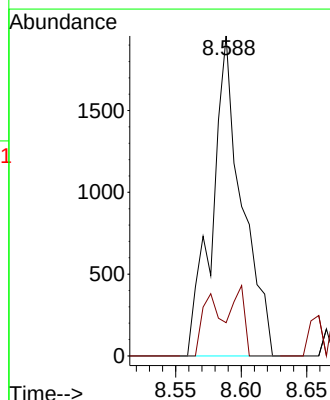
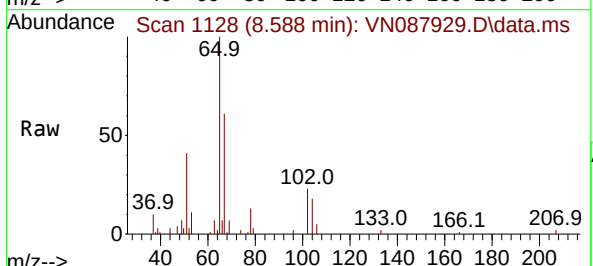
RT: 8.588 min Scan# 1128

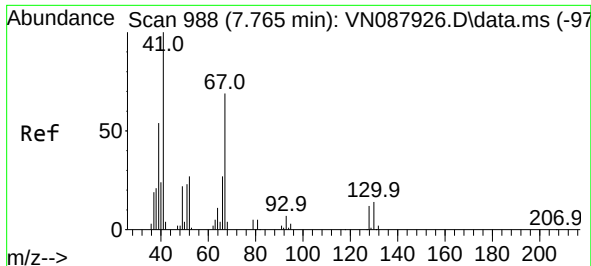
Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Tgt Ion:	78	Resp:	3088
Ion	Ratio	Lower	Upper
78	100		
77	10.4	19.7	29.5#

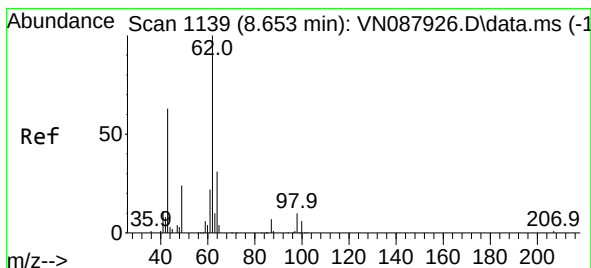
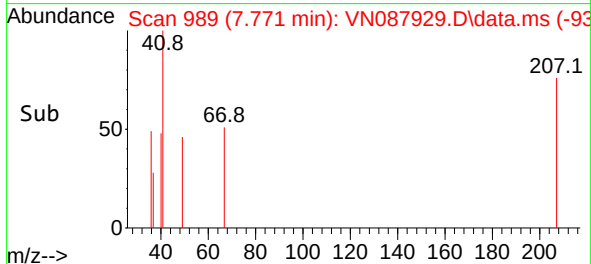
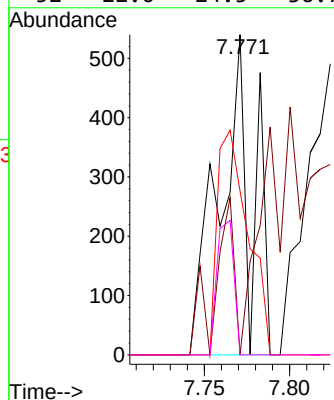
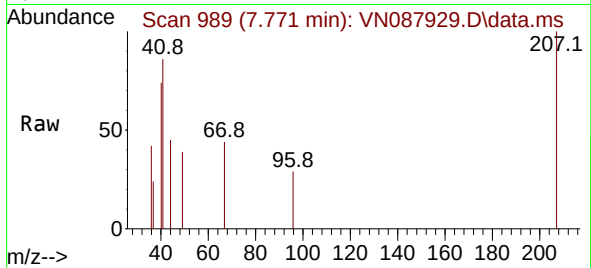




#41
Methacrylonitrile
Concen: 0.282 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

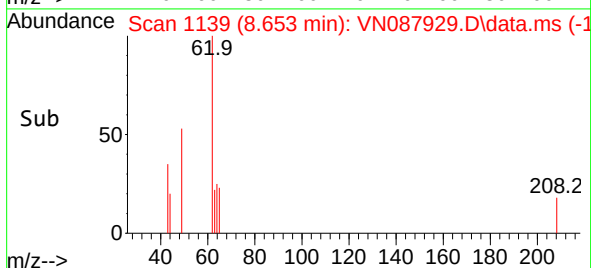
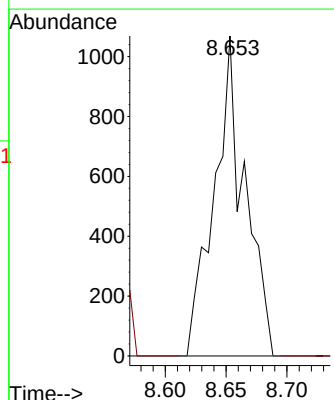
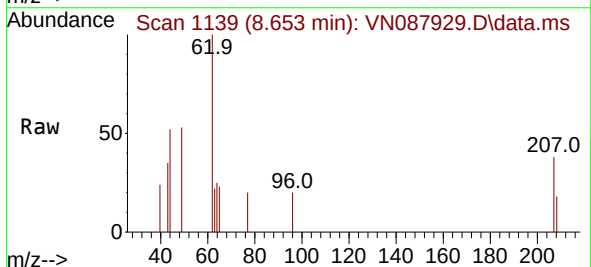
Instrument :
MSVOA_N
ClientSampleId :
IBLK

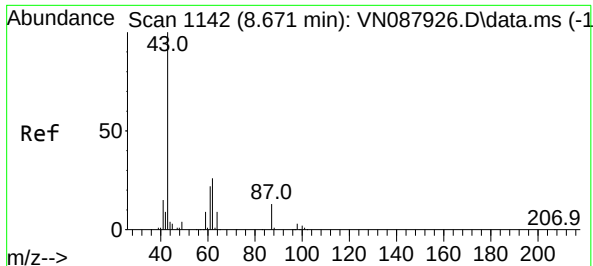
Tgt Ion: 41 Resp: 705
Ion Ratio Lower Upper
41 100
39 29.5 45.4 68.0#
67 67.4 55.3 82.9
52 22.0 24.5 36.7#



#42
1,2-Dichloroethane
Concen: 0.400 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 62 Resp: 1883
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.4





#43

Isopropyl Acetate

Concen: 0.235 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

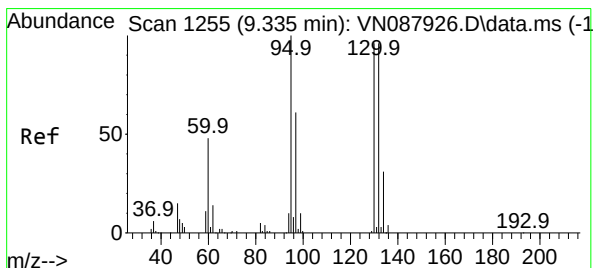
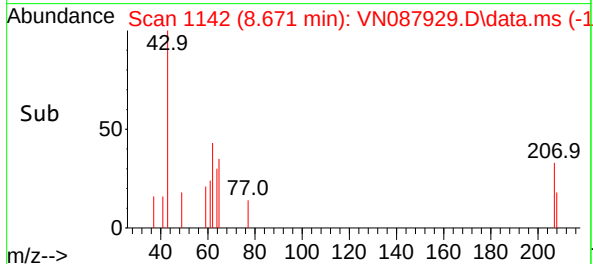
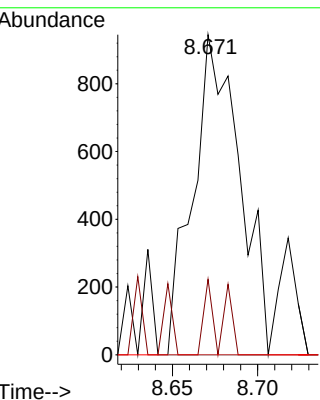
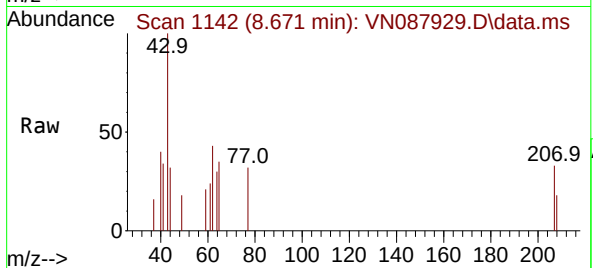
Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

43 100

61 8.4 18.8 28.2#

87 0.0 9.6 14.4#



#44

Trichloroethene

Concen: 0.500 ug/l

RT: 9.324 min Scan# 1253

Delta R.T. -0.006 min

Lab File: VN087929.D

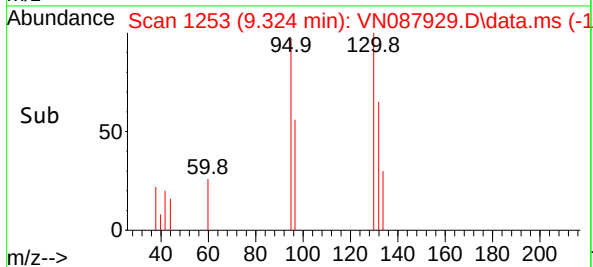
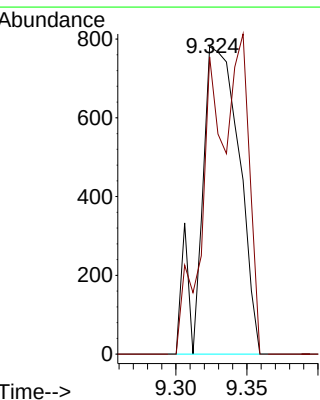
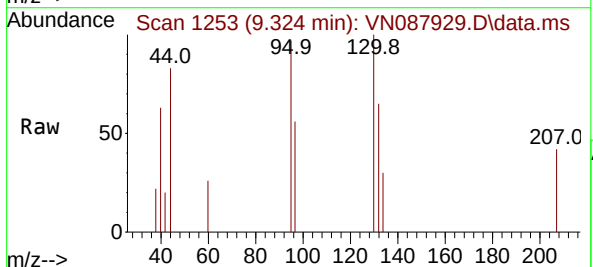
Acq: 23 Sep 2025 11:17

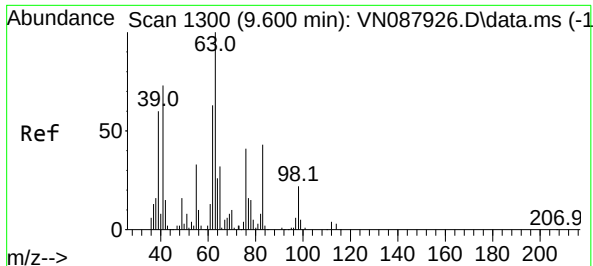
Tgt Ion:130 Resp: 1465

Ion Ratio Lower Upper

130 100

95 96.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 0.254 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

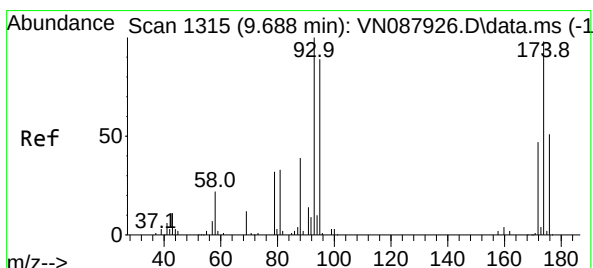
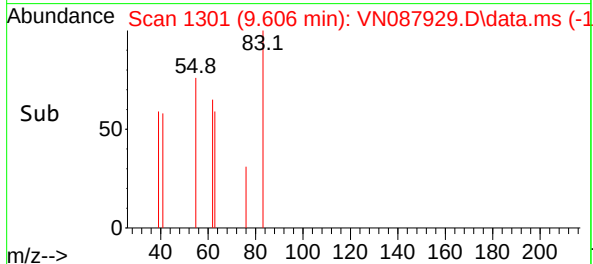
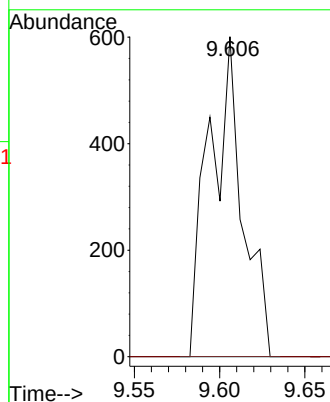
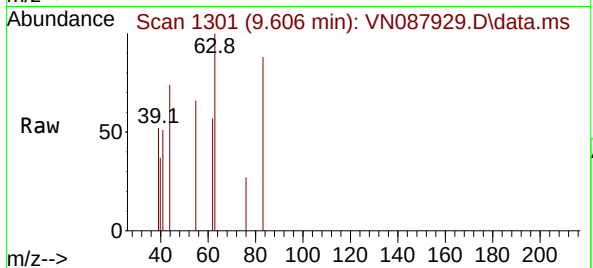
IBLK

Tgt Ion: 63 Resp: 819

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



#46

Dibromomethane

Concen: 0.421 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

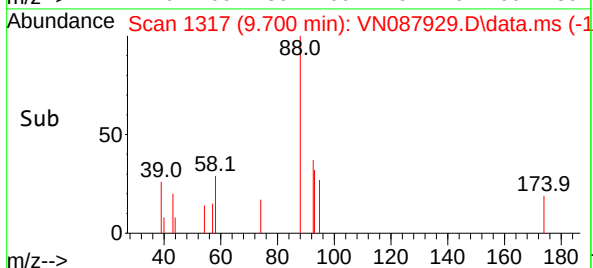
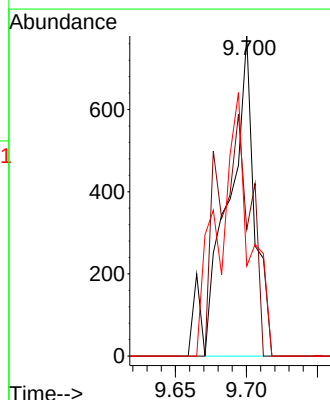
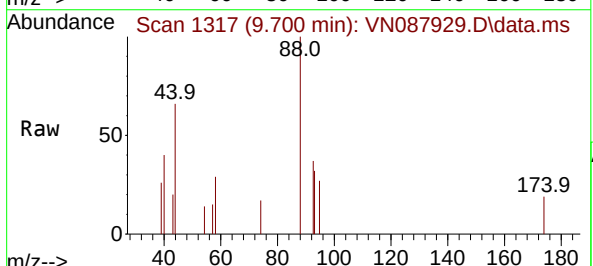
Tgt Ion: 93 Resp: 1032

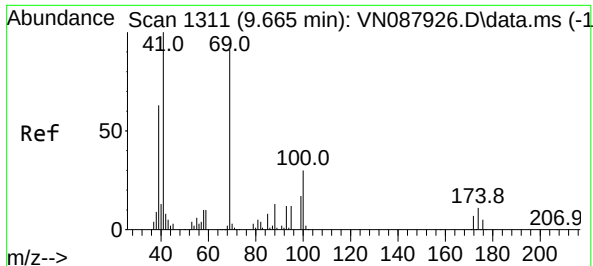
Ion Ratio Lower Upper

93 100

95 87.0 66.2 99.4

174 92.9 63.4 95.2

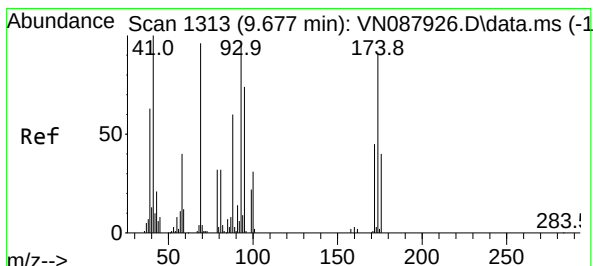
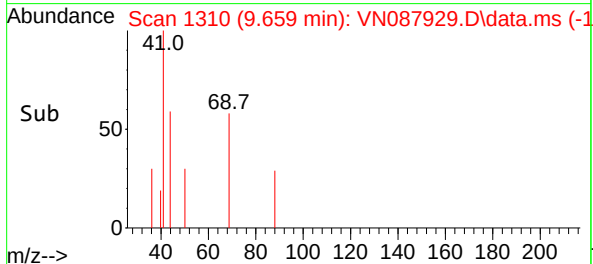
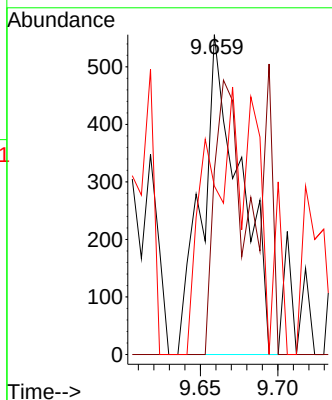
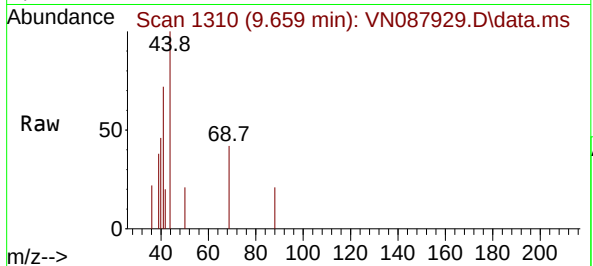




#48
Methyl methacrylate
Concen: 0.279 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

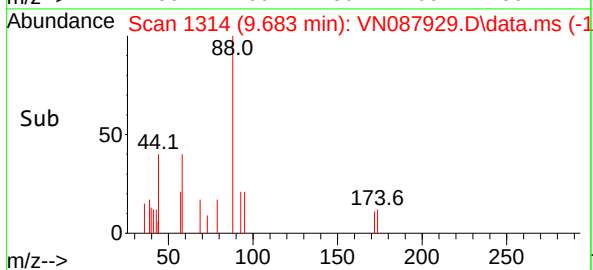
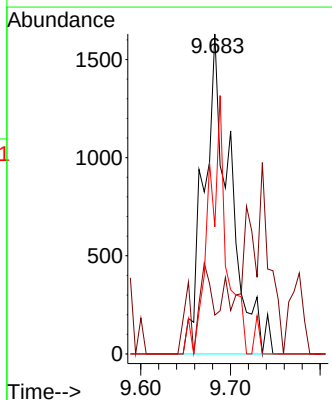
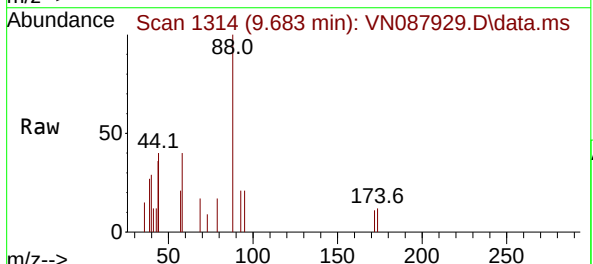
Instrument :
MSVOA_N
ClientSampleId :
IBLK

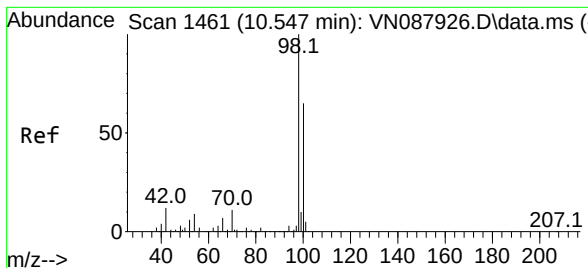
Tgt Ion: 41 Resp: 956
Ion Ratio Lower Upper
41 100
69 52.0 62.7 94.1#
39 109.8 52.9 79.3#



#49
1,4-Dioxane
Concen: 63.655 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 88 Resp: 3330
Ion Ratio Lower Upper
88 100
43 1.8 0.0 0.0#
58 54.1 57.9 86.9#

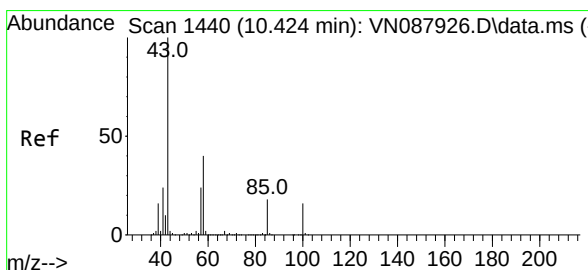
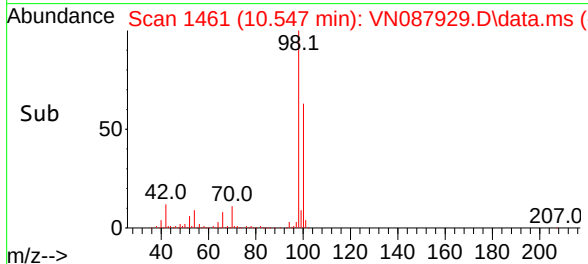
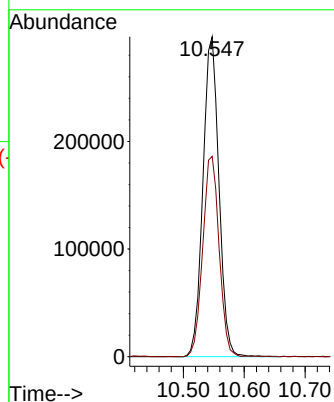
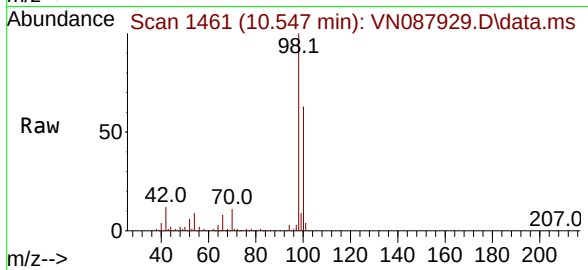




#50
Toluene-d8
Concen: 49.183 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

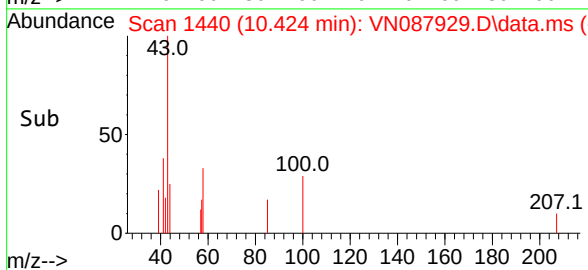
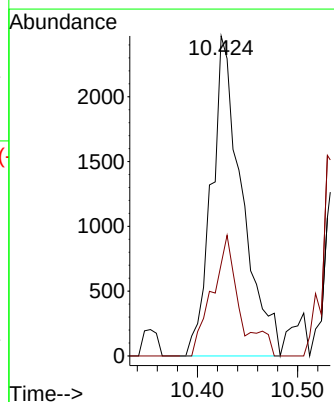
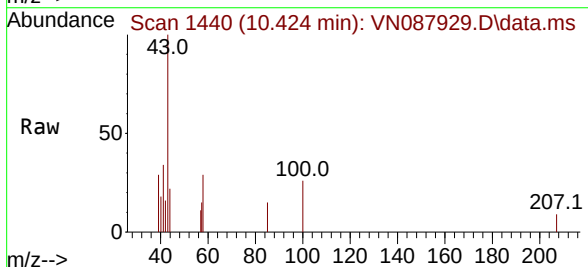
Instrument :
MSVOA_N
ClientSampleId :
IBLK

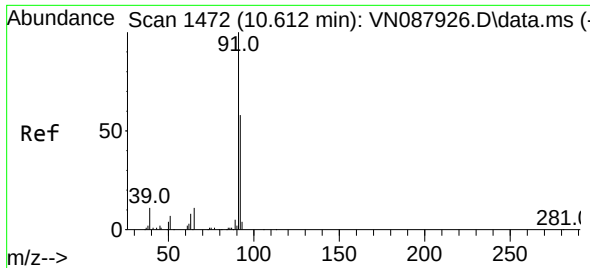
Tgt Ion: 98 Resp: 541445
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.110 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 43 Resp: 5208
Ion Ratio Lower Upper
43 100
58 31.4 29.6 44.4

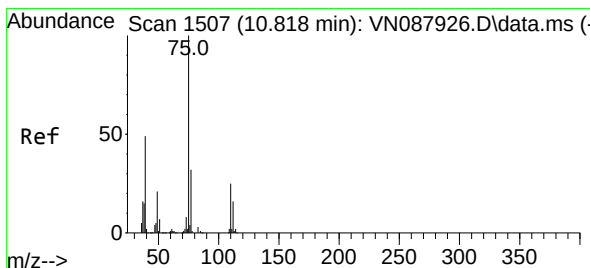
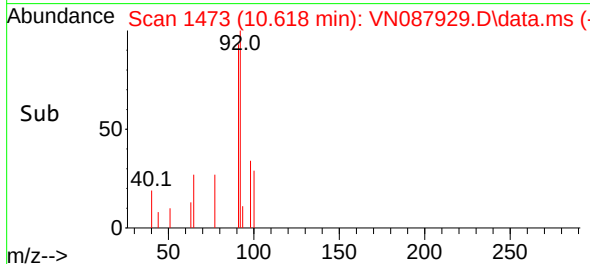
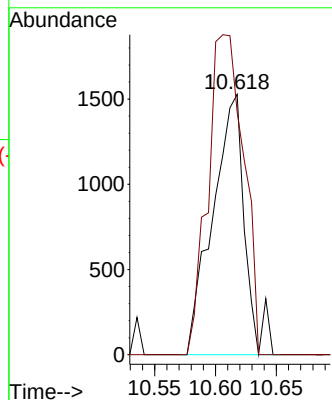
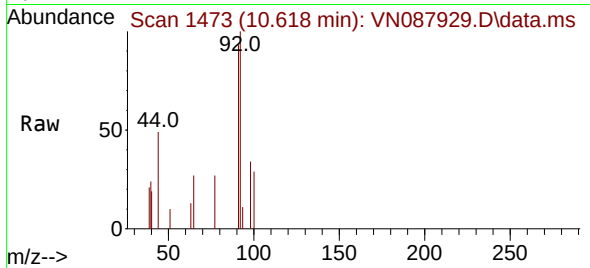




#52
Toluene
Concen: 0.371 ug/l
RT: 10.618 min Scan# 1472
Delta R.T. 0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

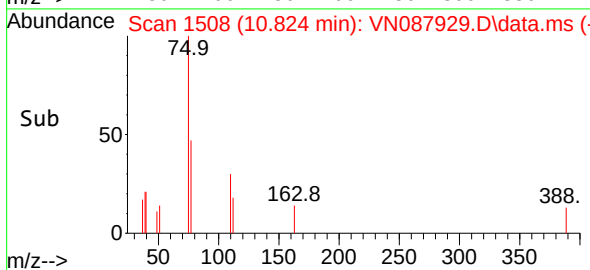
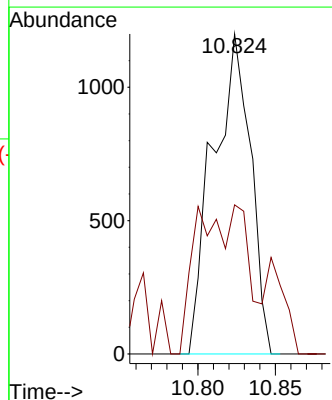
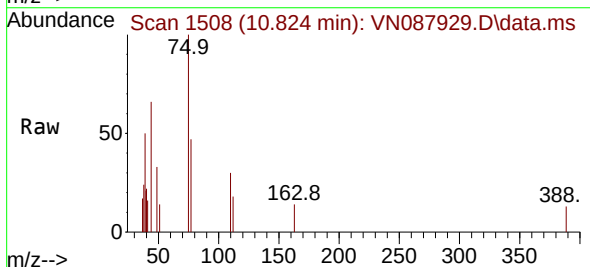
Instrument :
MSVOA_N
ClientSampleId :
IBLK

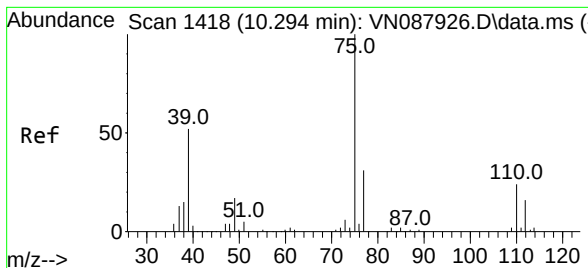
Tgt Ion: 92 Resp: 2809
Ion Ratio Lower Upper
92 100
91 137.1 140.4 210.6#



#53
t-1,3-Dichloropropene
Concen: 0.413 ug/l
RT: 10.824 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 75 Resp: 2018
Ion Ratio Lower Upper
75 100
77 46.6 25.2 37.8#

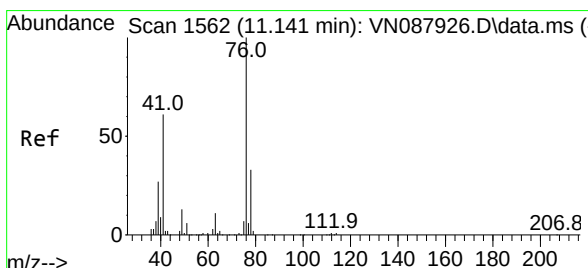
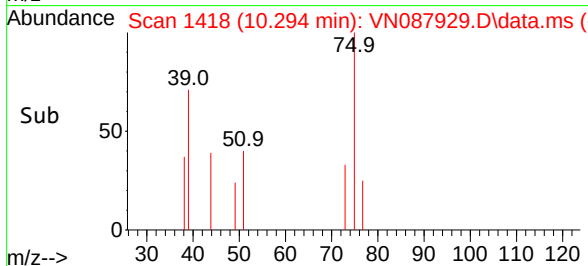
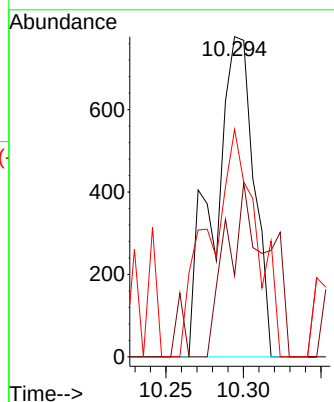
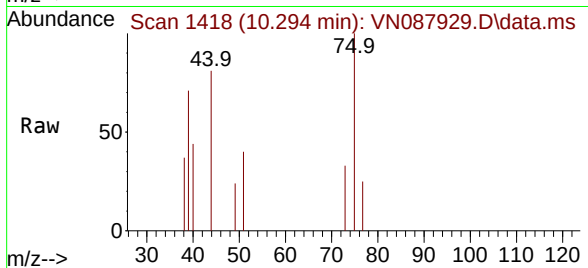




#54
 cis-1,3-Dichloropropene
 Concen: 0.271 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

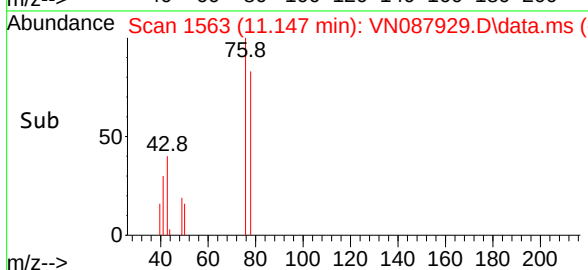
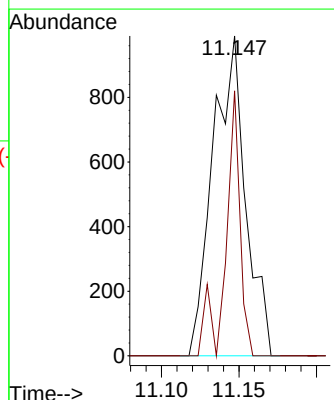
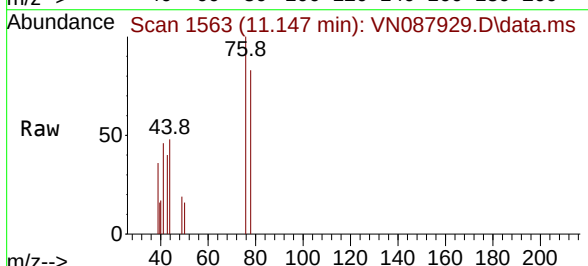
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

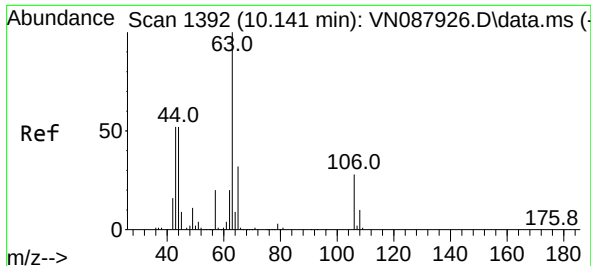
Tgt Ion: 75 Resp: 1381
 Ion Ratio Lower Upper
 75 100
 77 5.4 24.6 37.0#
 39 71.0 45.2 67.8#



#57
 1,3-Dichloropropane
 Concen: 0.282 ug/l
 RT: 11.147 min Scan# 1563
 Delta R.T. 0.006 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

Tgt Ion: 76 Resp: 1448
 Ion Ratio Lower Upper
 76 100
 78 36.3 26.2 39.4

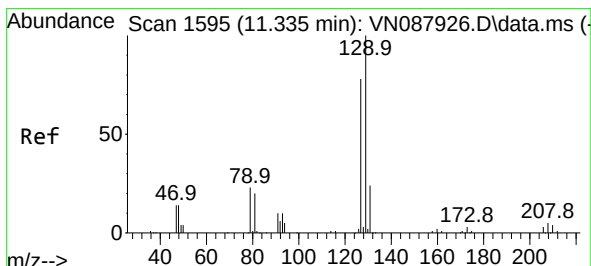
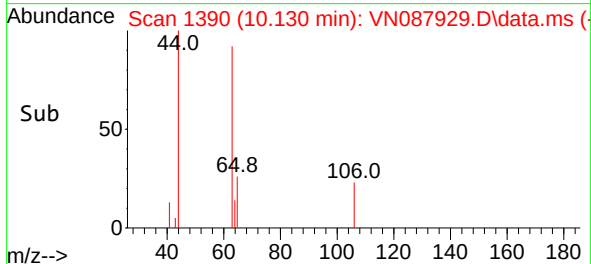
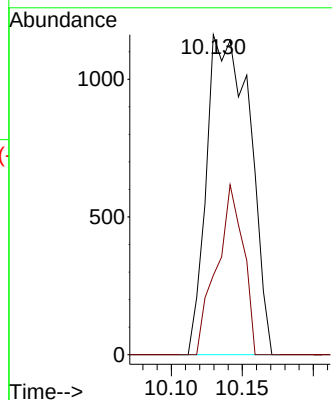
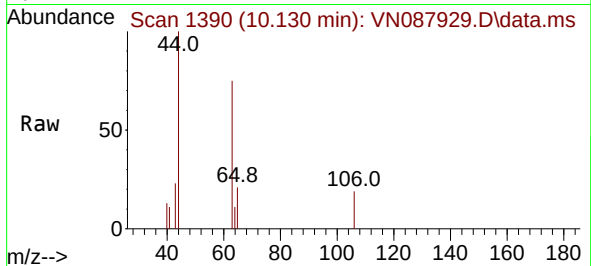




#58
2-Chloroethyl Vinyl ether
Concen: 1.201 ug/l
RT: 10.130 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

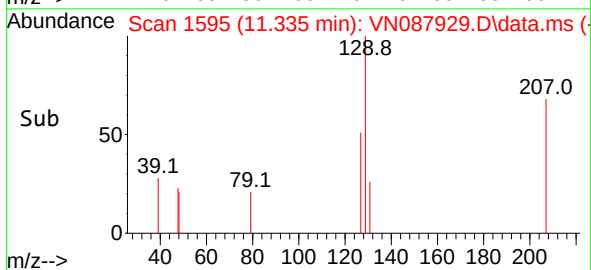
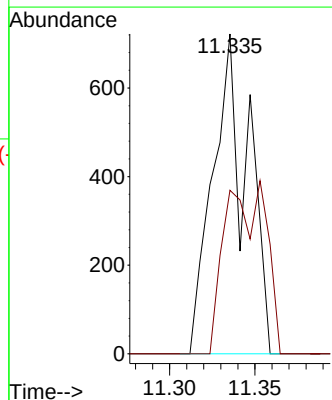
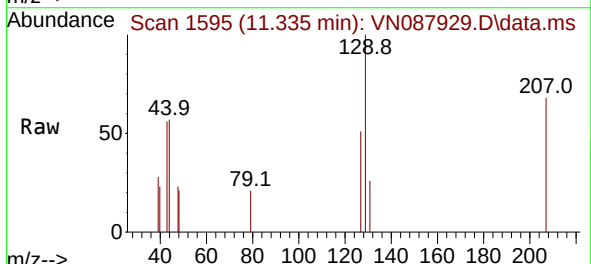
Instrument :
MSVOA_N
ClientSampleId :
IBLK

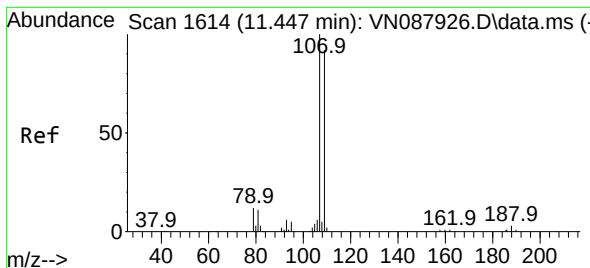
Tgt Ion: 63 Resp: 2459
Ion Ratio Lower Upper
63 100
106 32.7 21.1 31.7#



#60
Dibromochloromethane
Concen: 0.270 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion:129 Resp: 1026
Ion Ratio Lower Upper
129 100
127 63.2 39.1 117.3

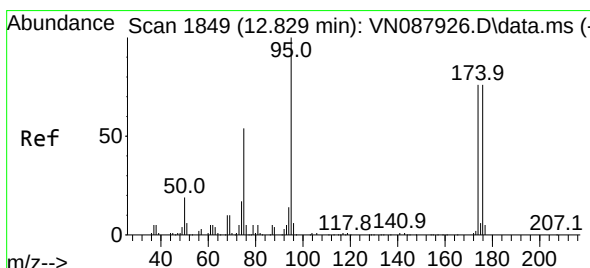
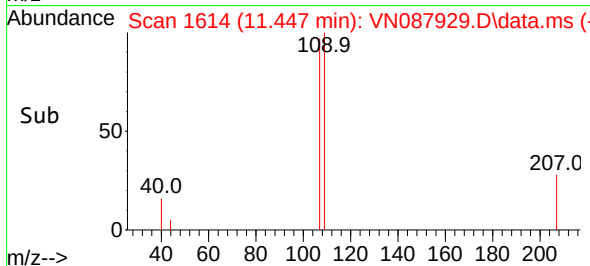
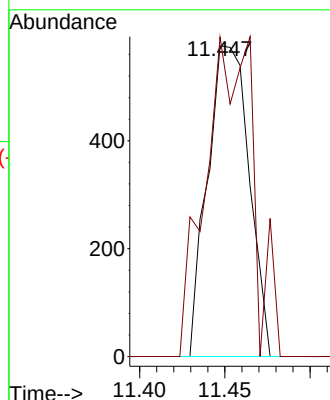
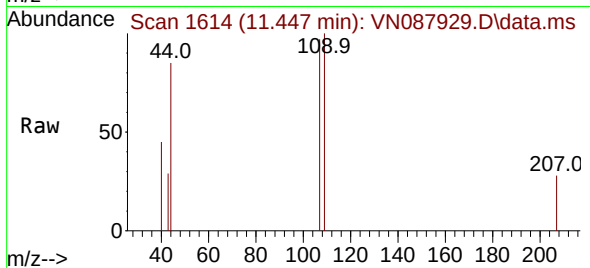




#61
1,2-Dibromoethane
Concen: 0.295 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

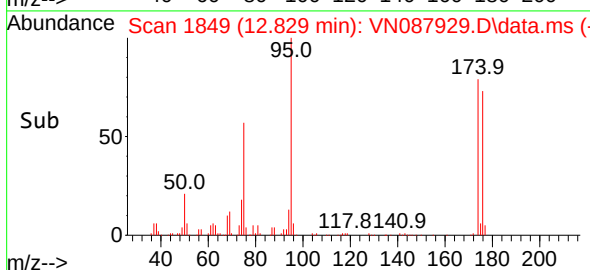
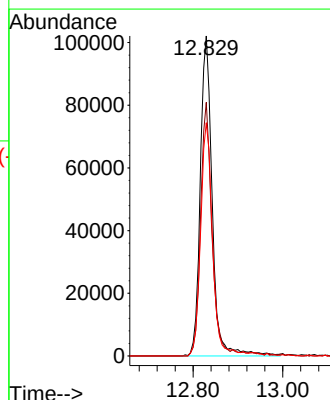
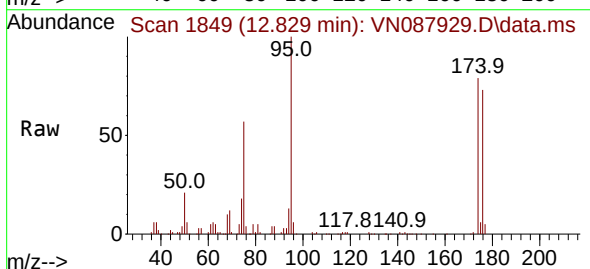
Instrument :
MSVOA_N
ClientSampleId :
IBLK

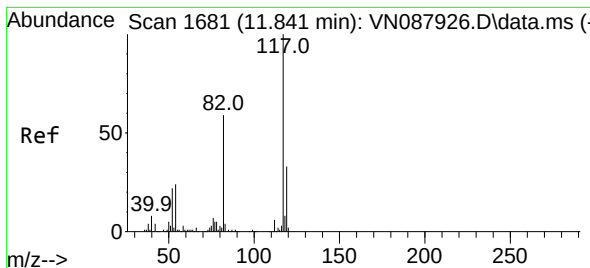
Tgt Ion:107 Resp: 978
Ion Ratio Lower Upper
107 100
109 119.0 74.7 112.1#



#62
4-Bromofluorobenzene
Concen: 47.832 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 95 Resp: 188220
Ion Ratio Lower Upper
95 100
174 76.9 0.0 138.4
176 73.2 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

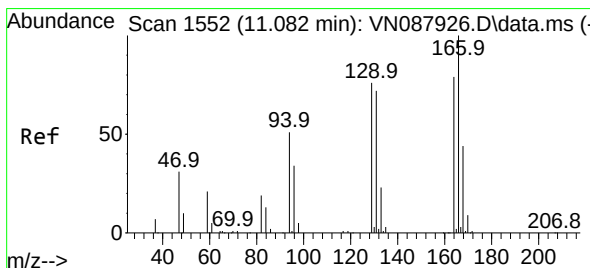
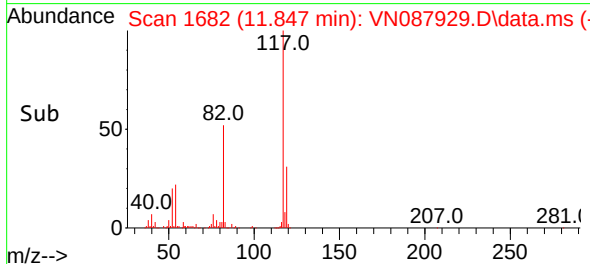
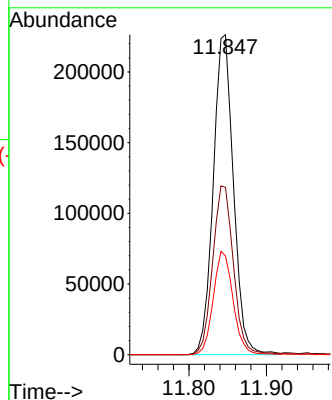
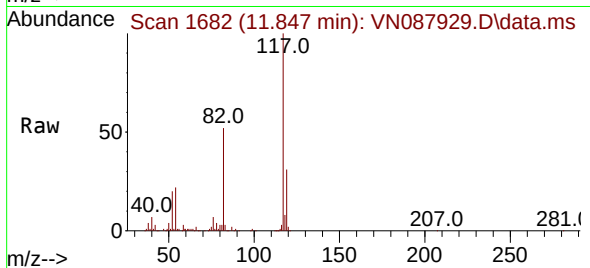
Tgt Ion:117 Resp: 409991

Ion Ratio Lower Upper

117 100

82 52.3 47.4 71.2

119 30.8 24.3 36.5



#64

Tetrachloroethene

Concen: 0.734 ug/l

RT: 11.077 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Tgt Ion:164 Resp: 1817

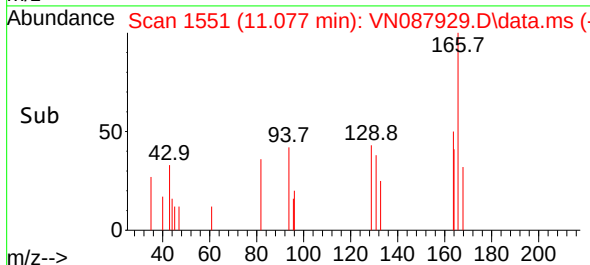
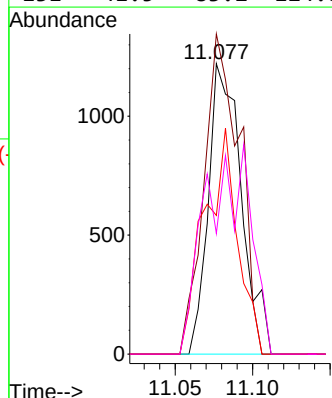
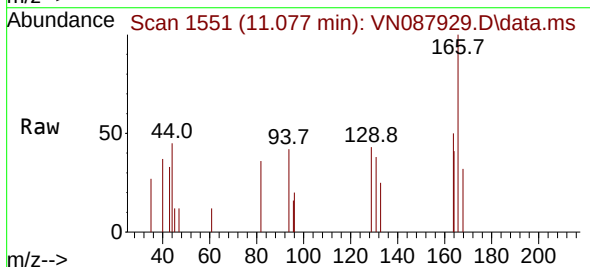
Ion Ratio Lower Upper

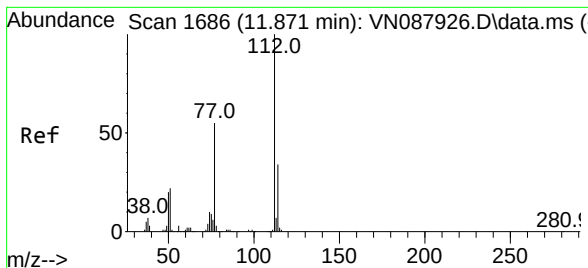
164 100

166 110.2 97.7 146.5

129 47.7 85.9 128.9#

131 41.5 83.2 124.8#





#65

Chlorobenzene

Concen: 0.404 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

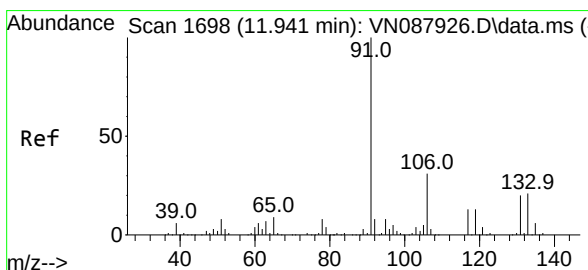
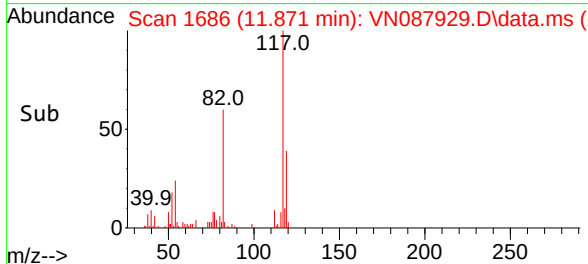
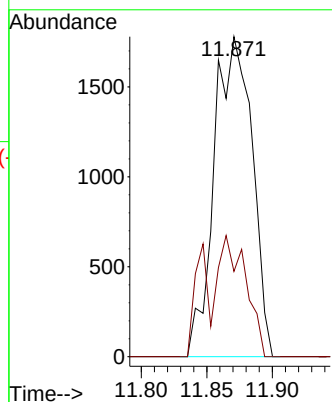
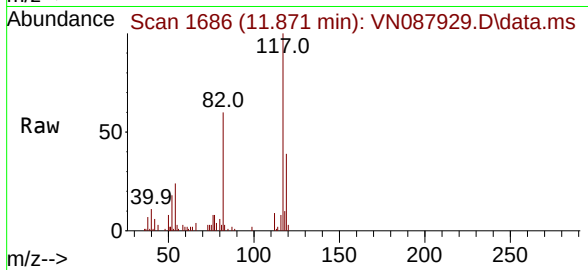
IBLK

Tgt Ion:112 Resp: 3586

Ion Ratio Lower Upper

112 100

114 26.6 24.3 36.5



#67

Ethyl Benzene

Concen: 0.362 ug/l

RT: 11.947 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VN087929.D

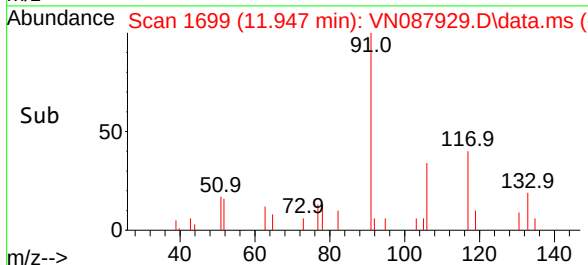
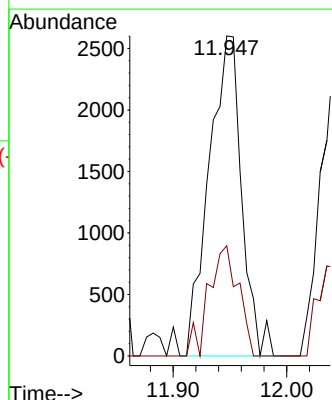
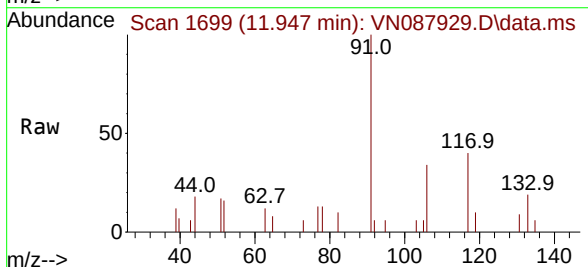
Acq: 23 Sep 2025 11:17

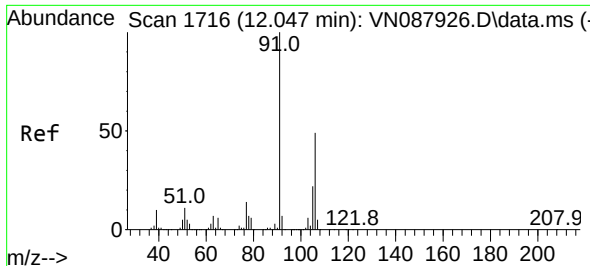
Tgt Ion: 91 Resp: 5197

Ion Ratio Lower Upper

91 100

106 34.5 24.1 36.1

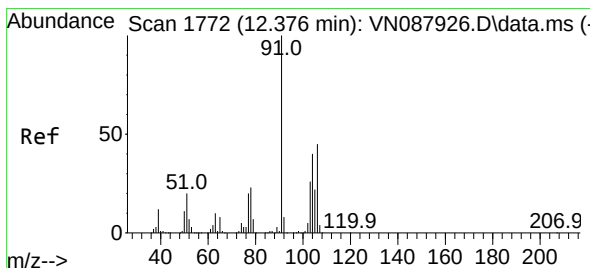
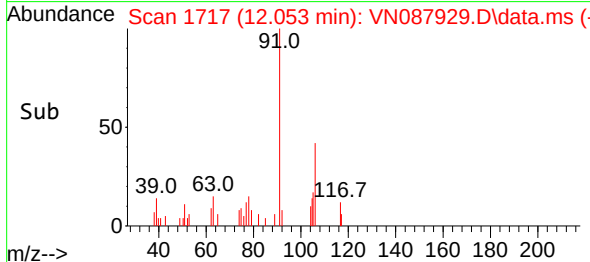
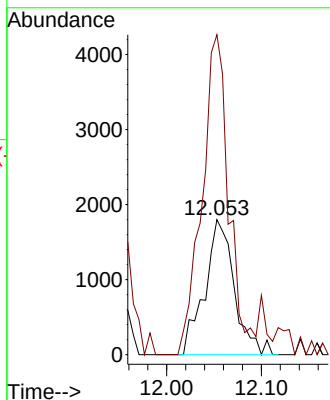
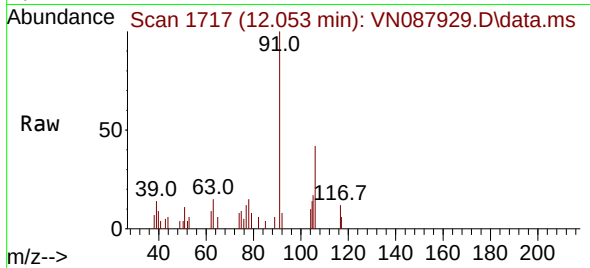




#68
m/p-Xylenes
Concen: 0.710 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

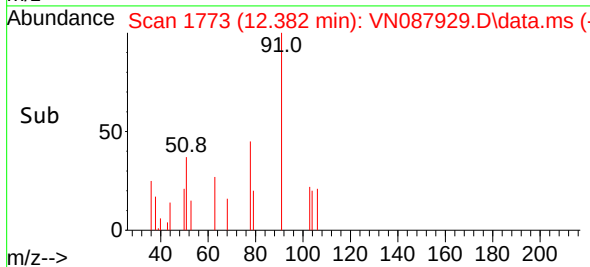
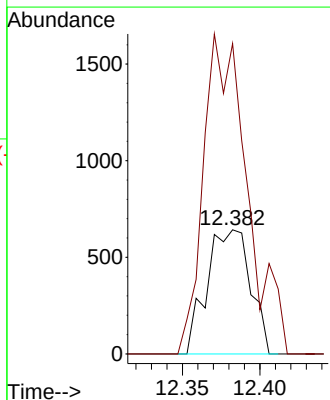
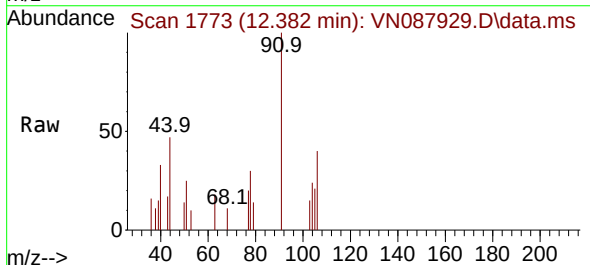
Instrument :
MSVOA_N
ClientSampleId :
IBLK

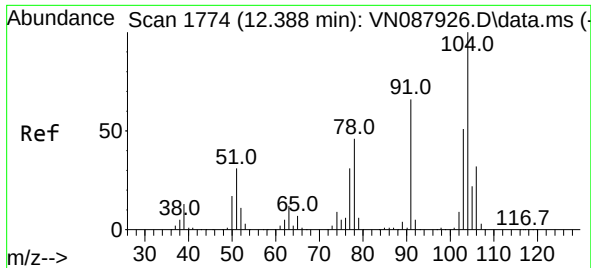
Tgt Ion	106	Resp:	3901
Ion	Ratio	Lower	Upper
106	100		
91	209.0	169.3	253.9



#69
o-Xylene
Concen: 0.245 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion	106	Resp:	1257
Ion	Ratio	Lower	Upper
106	100		
91	258.1	111.4	334.2

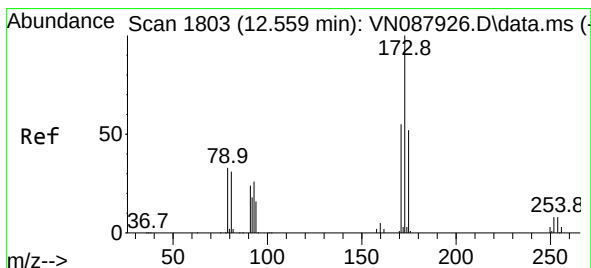
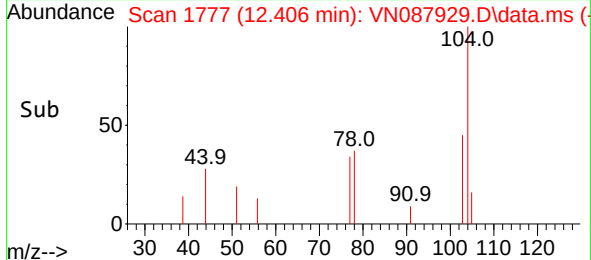
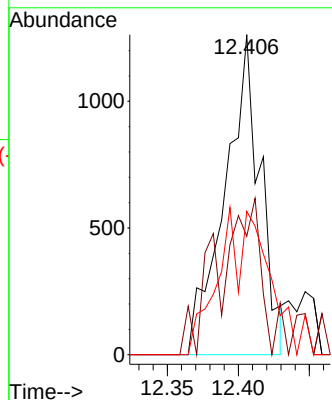
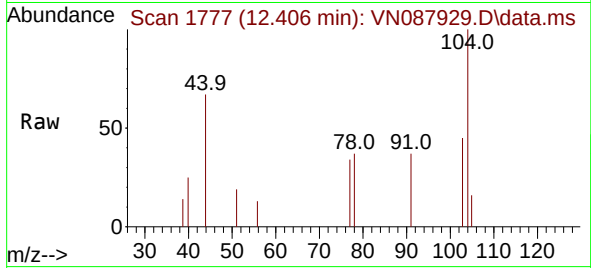




#70
Styrene
Concen: 0.255 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.018 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

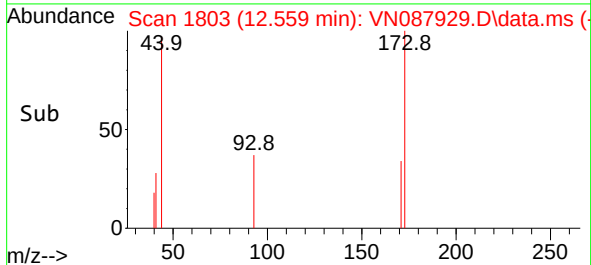
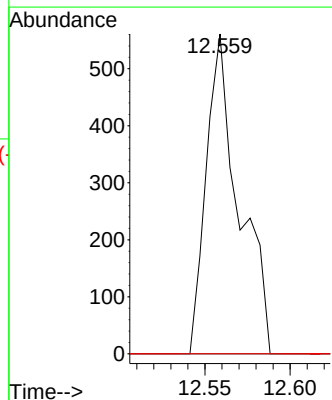
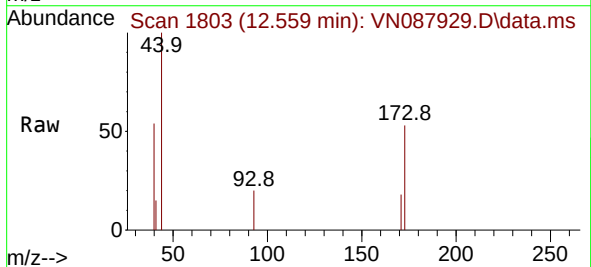
Instrument :
MSVOA_N
ClientSampleId :
IBLK

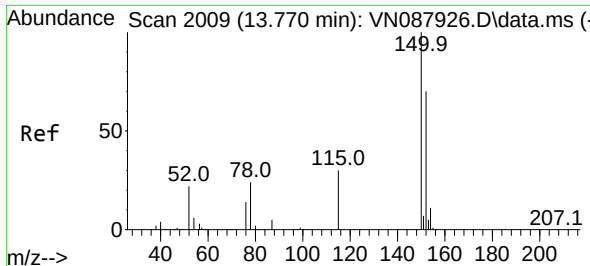
Tgt Ion:104 Resp: 2192
Ion Ratio Lower Upper
104 100
78 37.1 42.2 63.2#
103 36.5 43.4 65.2#



#71
Bromoform
Concen: 0.301 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion:173 Resp: 749
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.6#
254 0.0 0.1 0.1#

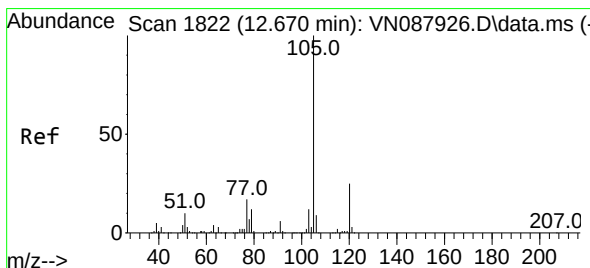
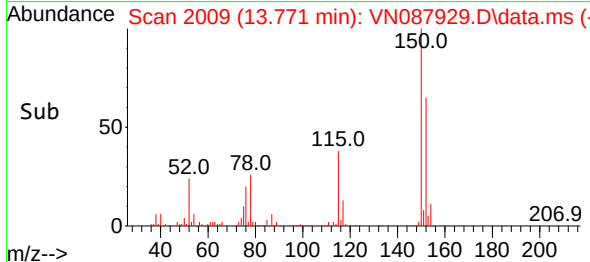
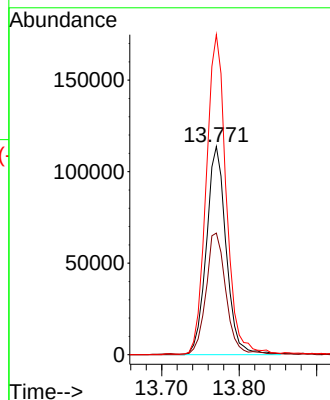
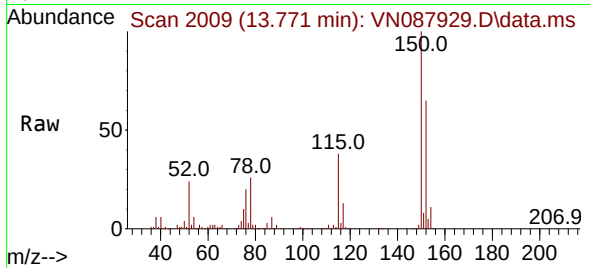




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

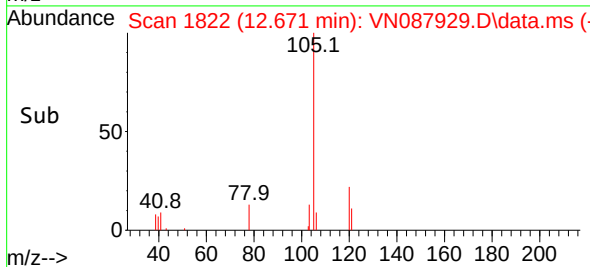
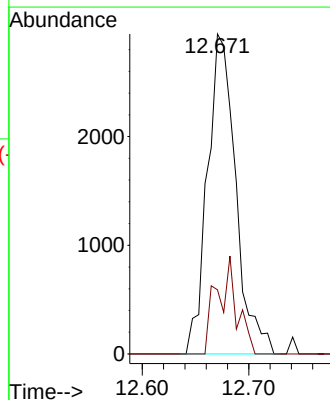
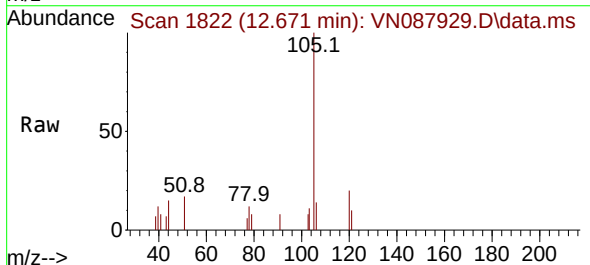
Instrument :
MSVOA_N
ClientSampleId :
IBLK

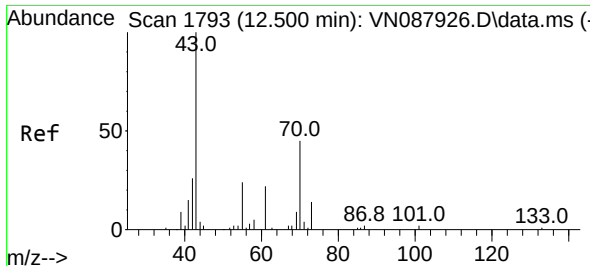
Tgt Ion:152 Resp: 201362
Ion Ratio Lower Upper
152 100
115 58.3 32.3 96.8
150 154.5 0.0 351.0



#73
Isopropylbenzene
Concen: 0.458 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion:105 Resp: 5442
Ion Ratio Lower Upper
105 100
120 10.4 12.8 38.3#

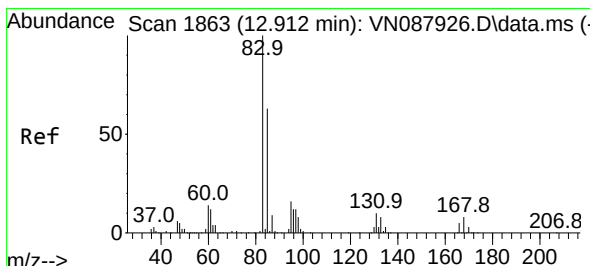
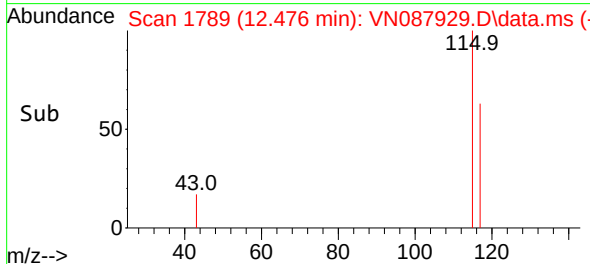
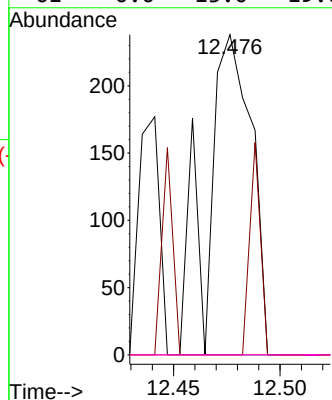
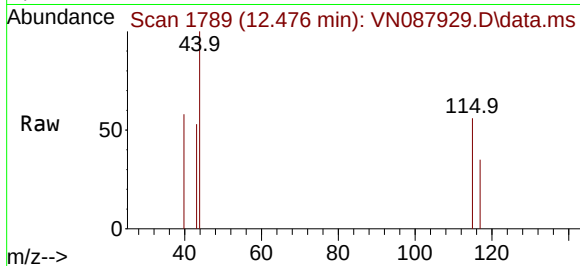




#74
N-amy1 acetate
Concen: 0.211 ug/l
RT: 12.476 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

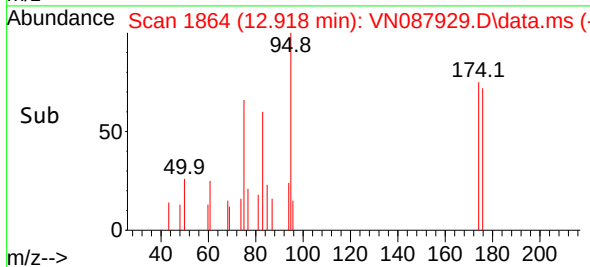
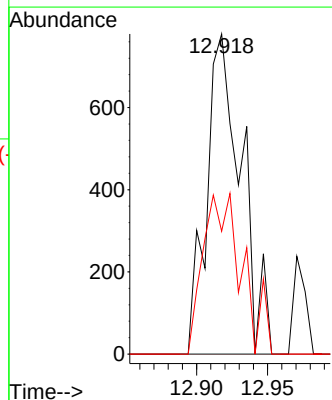
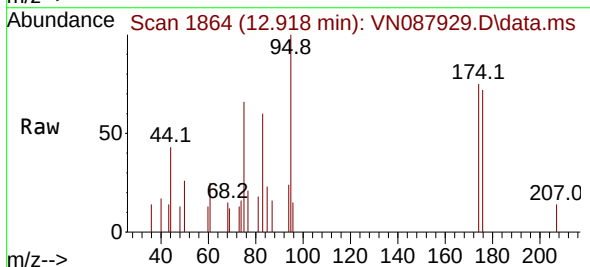
Instrument :
MSVOA_N
ClientSampleId :
IBLK

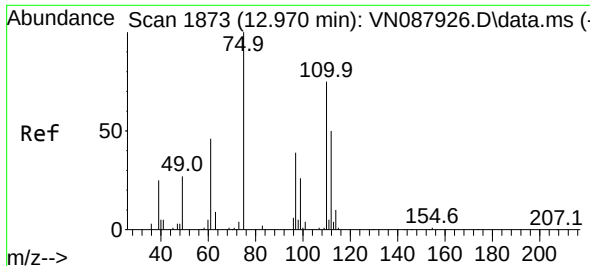
Tgt Ion:	43	Resp:	347
Ion	Ratio	Lower	Upper
43	100		
70	16.1	27.6	41.4#
55	0.0	13.0	19.6#
61	0.0	13.0	19.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.290 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion:	83	Resp:	1329
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	55.9	32.1	96.3

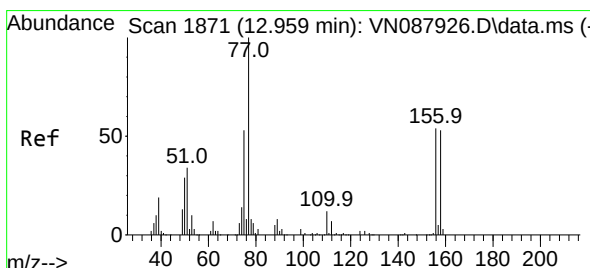
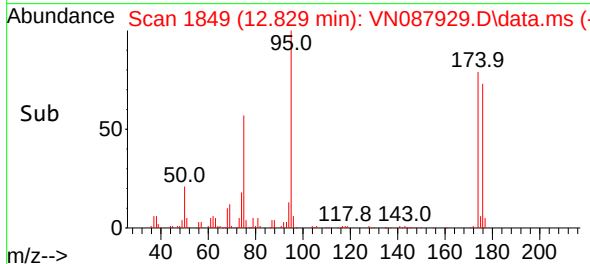
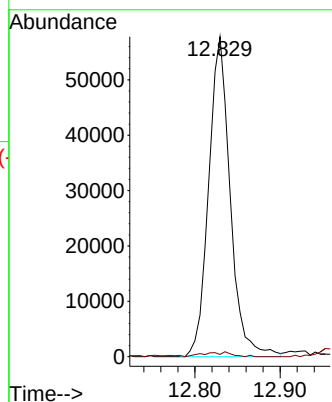
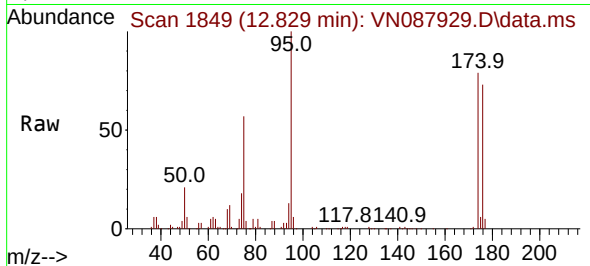




#76
1,2,3-Trichloropropane
Concen: 18.272 ug/l
RT: 12.829 min Scan# 1869
Delta R.T. -0.141 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

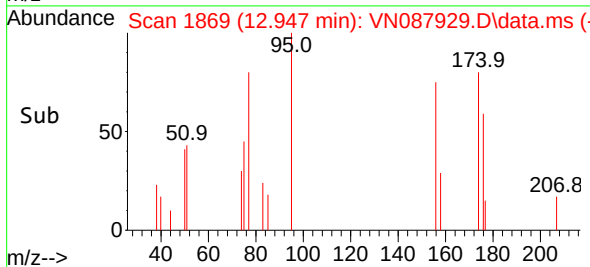
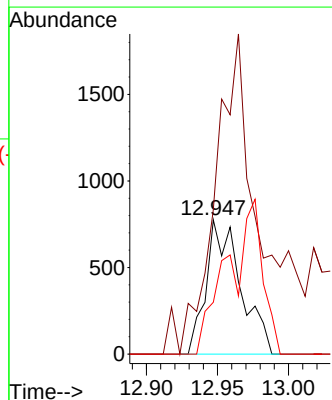
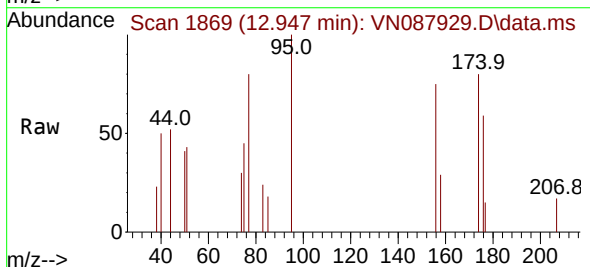
Instrument :
MSVOA_N
ClientSampleId :
IBLK

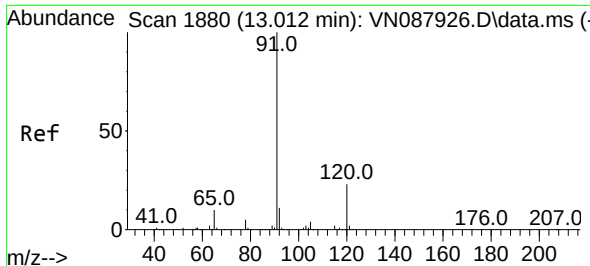
Tgt Ion: 75 Resp: 101413
Ion Ratio Lower Upper
75 100
77 1.1 89.1 267.4#



#77
Bromobenzene
Concen: 0.405 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion:156 Resp: 1300
Ion Ratio Lower Upper
156 100
77 0.0 119.3 358.0#
158 0.0 48.2 144.6#

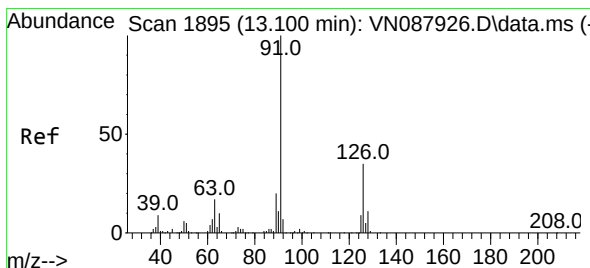
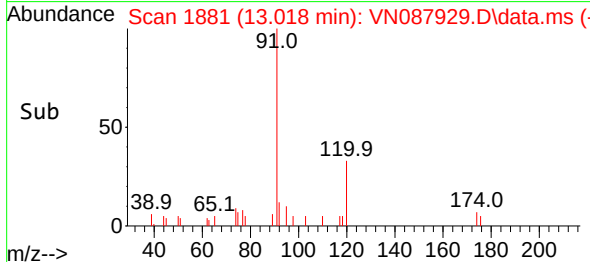
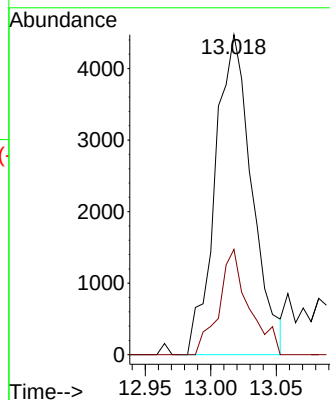
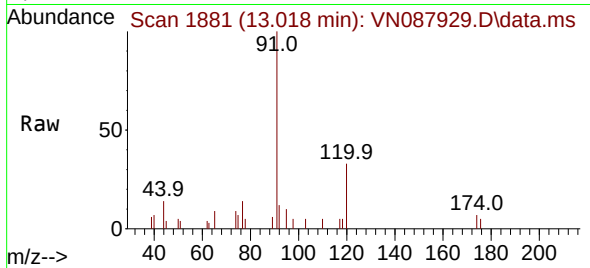




#78
n-propylbenzene
Concen: 0.585 ug/l
RT: 13.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

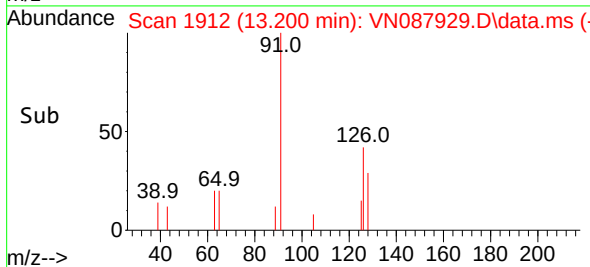
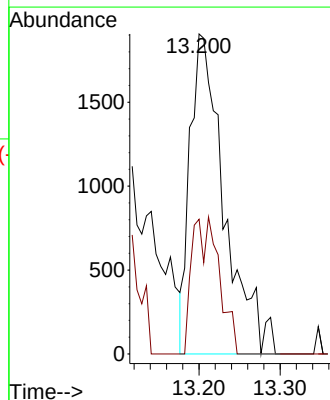
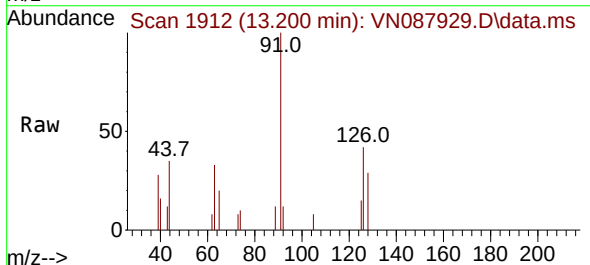
Instrument :
MSVOA_N
ClientSampleId :
IBLK

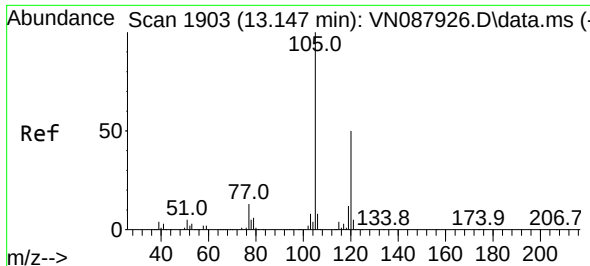
Tgt Ion: 91 Resp: 8736
Ion Ratio Lower Upper
91 100
120 26.7 10.7 32.1



#79
2-Chlorotoluene
Concen: 0.610 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.100 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 91 Resp: 5610
Ion Ratio Lower Upper
91 100
126 16.1 16.1 48.3

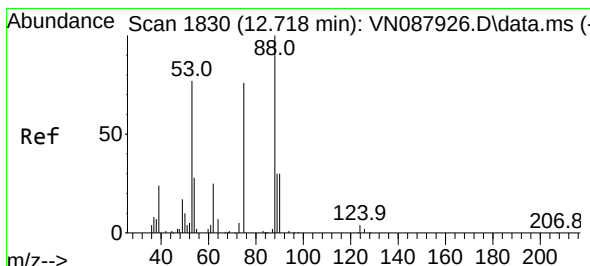
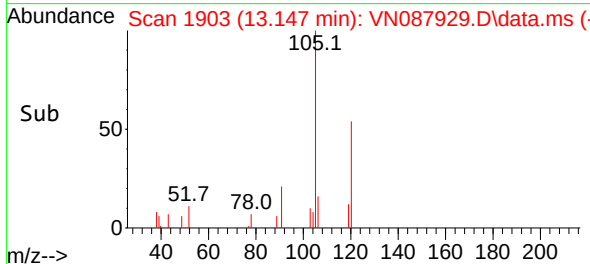
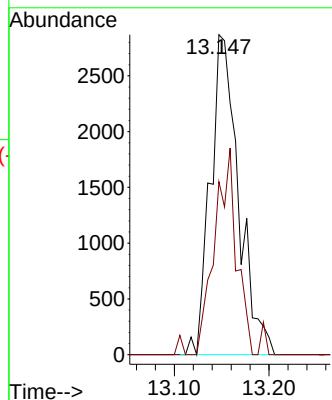
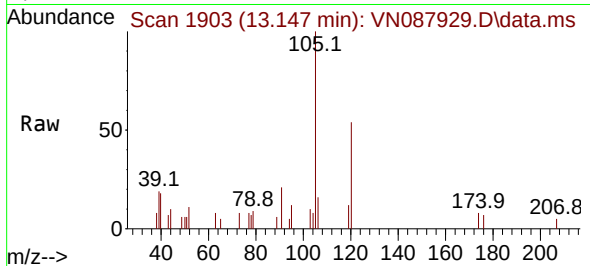




#80
 1,3,5-Trimethylbenzene
 Concen: 0.575 ug/l
 RT: 13.147 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

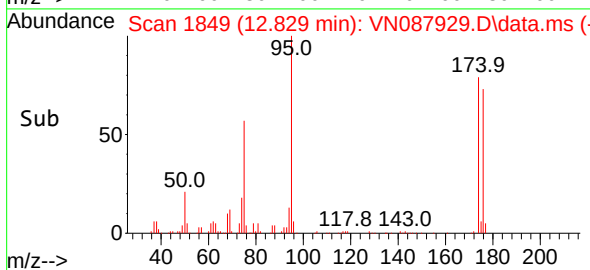
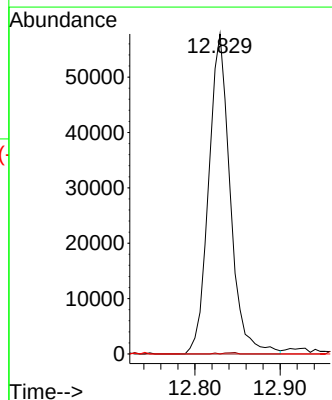
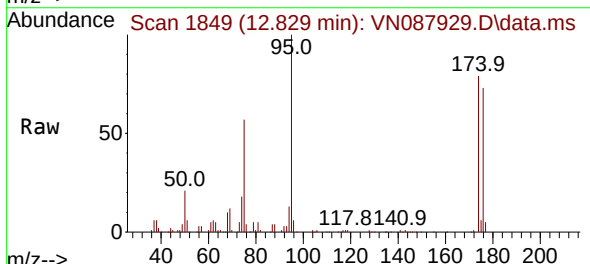
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

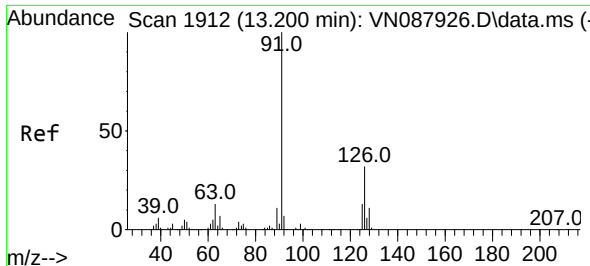
Tgt Ion:105 Resp: 5930
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.947 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

Tgt Ion: 75 Resp: 101413
 Ion Ratio Lower Upper
 75 100
 53 0.3 101.8 152.6#
 89 0.0 35.6 53.4#

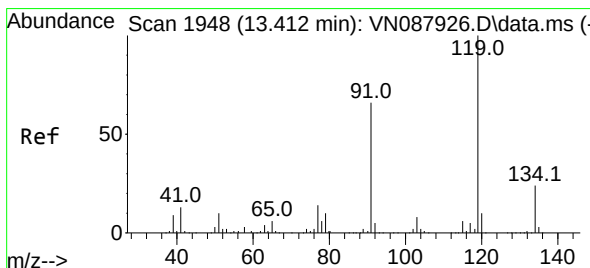
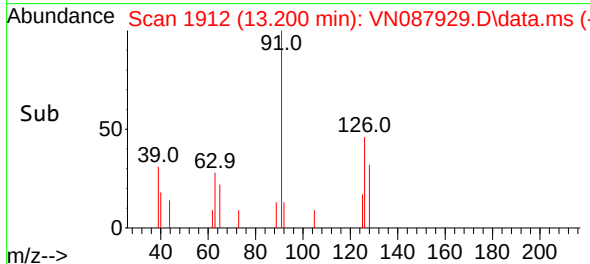
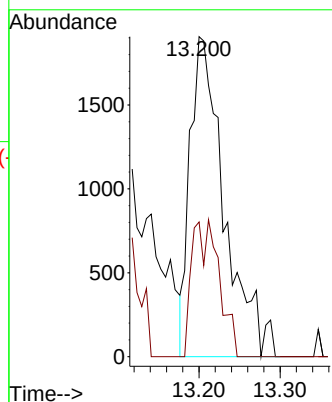
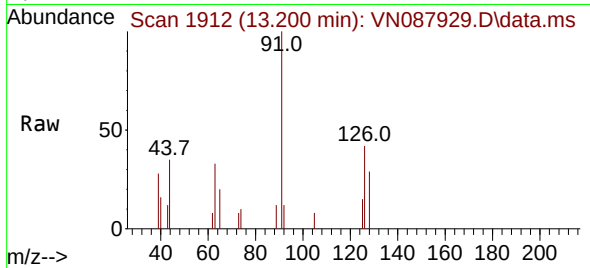




#82
4-Chlorotoluene
Concen: 0.602 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

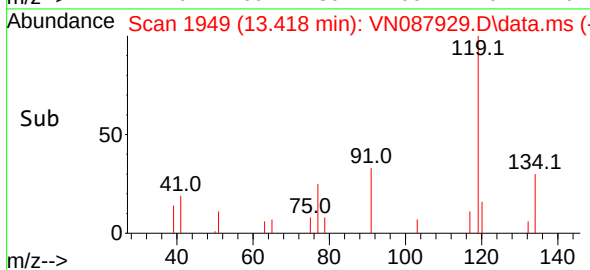
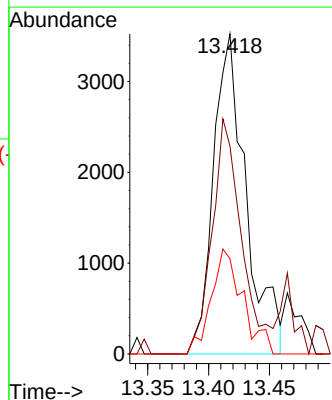
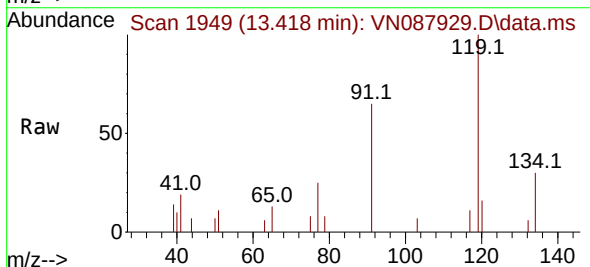
Instrument :
MSVOA_N
ClientSampleId :
IBLK

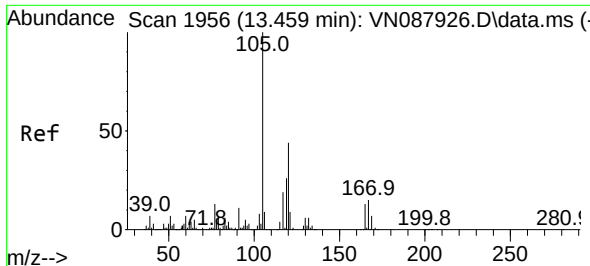
Tgt Ion: 91 Resp: 5610
Ion Ratio Lower Upper
91 100
126 16.1 15.6 46.8



#83
tert-Butylbenzene
Concen: 0.745 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 119 Resp: 6596
Ion Ratio Lower Upper
119 100
91 66.2 35.0 105.0
134 31.5 12.6 37.8

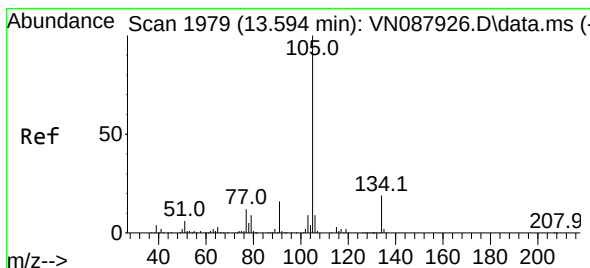
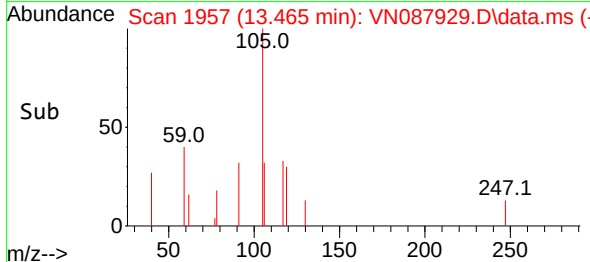
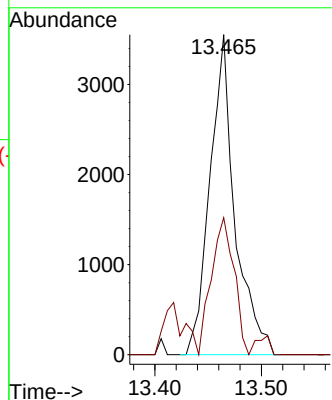
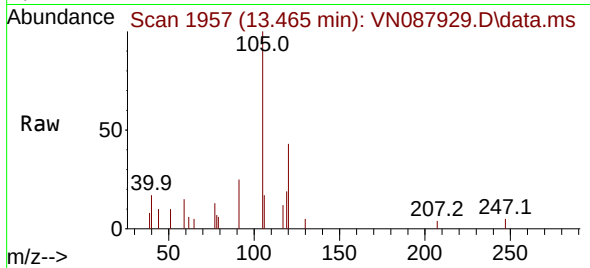




#84
 1,2,4-Trimethylbenzene
 Concen: 0.545 ug/l
 RT: 13.465 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

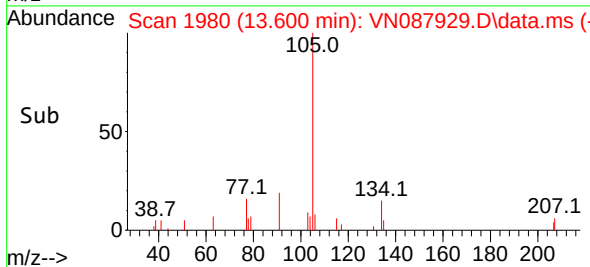
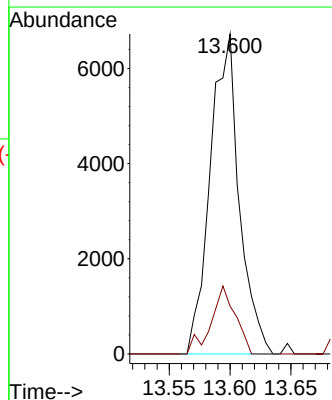
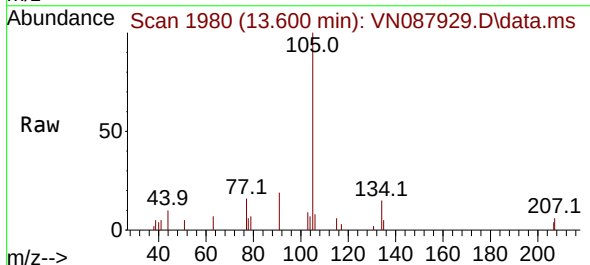
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

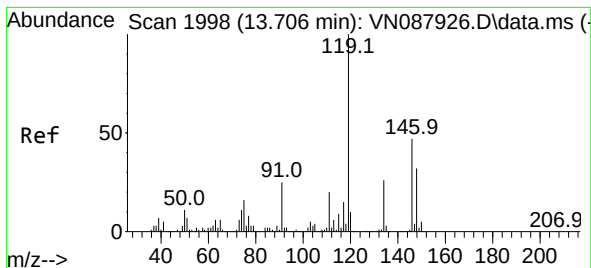
Tgt Ion:105 Resp: 5773
 Ion Ratio Lower Upper
 105 100
 120 38.9 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 0.863 ug/l
 RT: 13.600 min Scan# 1980
 Delta R.T. 0.006 min
 Lab File: VN087929.D
 Acq: 23 Sep 2025 11:17

Tgt Ion:105 Resp: 11141
 Ion Ratio Lower Upper
 105 100
 134 17.8 9.6 28.6

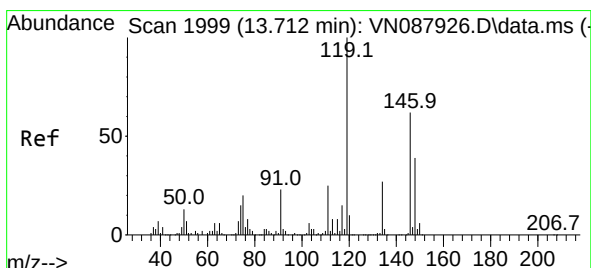
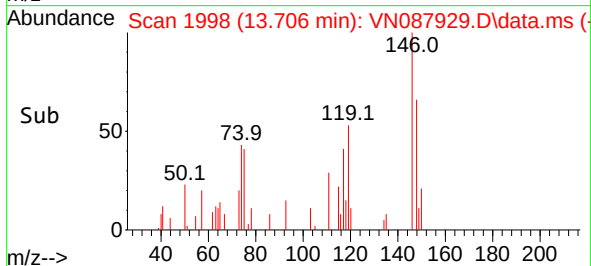
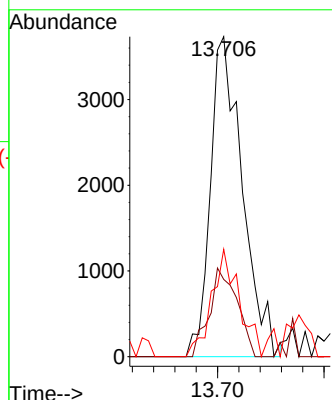
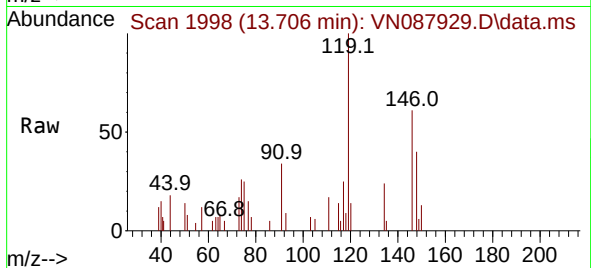




#86
p-Isopropyltoluene
Concen: 0.724 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

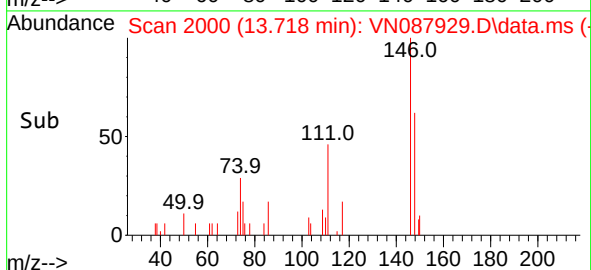
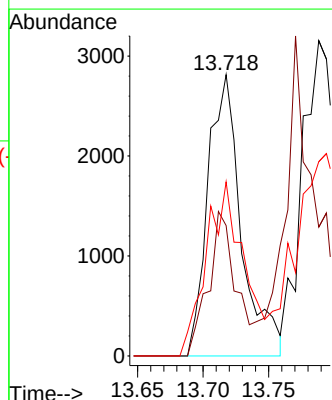
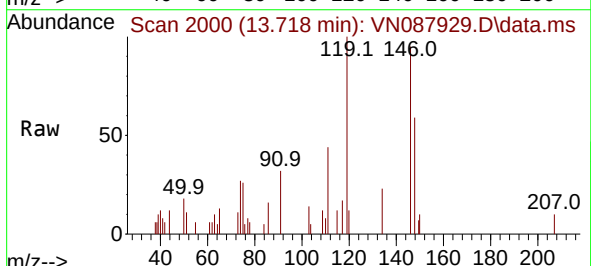
Instrument :
MSVOA_N
ClientSampleId :
IBLK

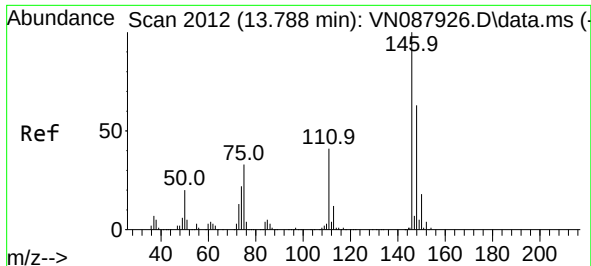
Tgt Ion:	119	Resp:	7774
Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.7	38.0
91	28.8	12.5	37.5



#87
1,3-Dichlorobenzene
Concen: 0.779 ug/l
RT: 13.718 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion:	146	Resp:	4987
Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.5
148	69.4	32.0	96.2

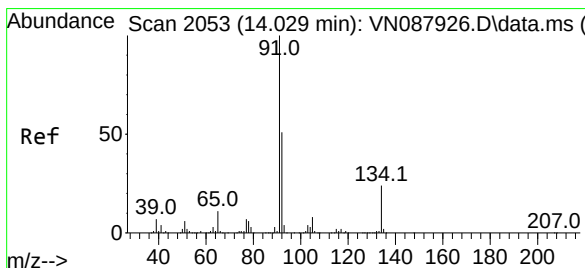
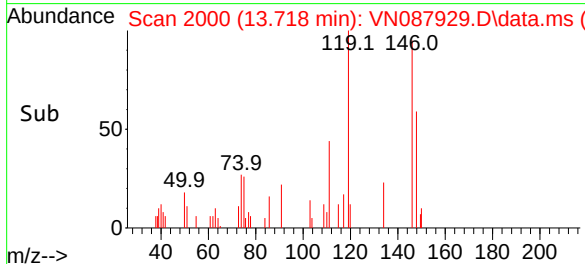
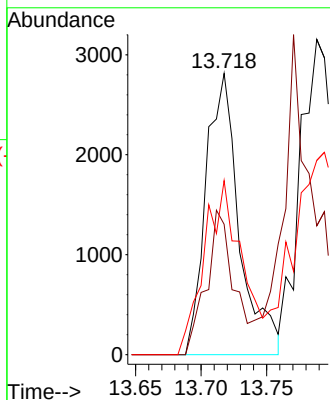
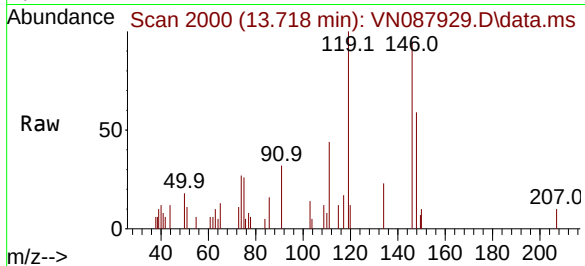




#88
1,4-Dichlorobenzene
Concen: 0.728 ug/l
RT: 13.718 min Scan# 2012
Delta R.T. -0.071 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

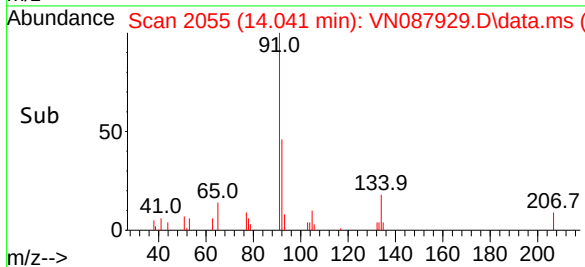
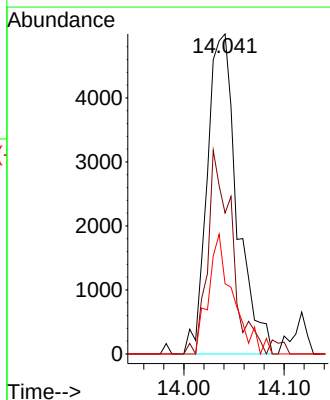
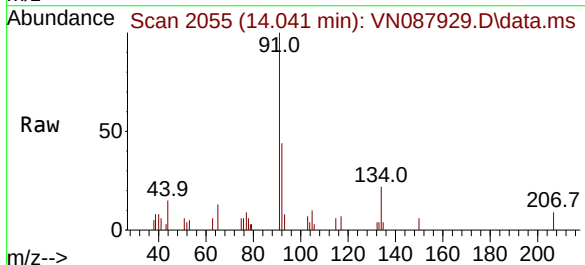
Instrument :
MSVOA_N
ClientSampleId :
IBLK

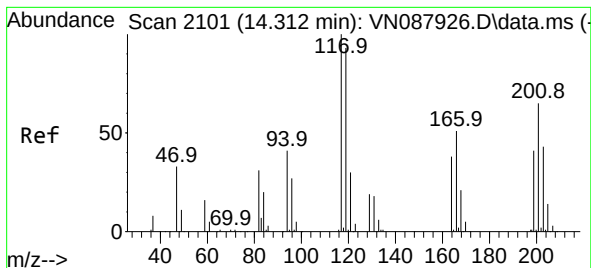
Tgt Ion:146	Resp:	4987
Ion	Ratio	Lower Upper
146	100	
111	44.2	21.0 63.0
148	69.4	32.0 96.0



#89
n-Butylbenzene
Concen: 1.000 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion: 91	Resp:	10399
Ion	Ratio	Lower Upper
91	100	
92	50.8	25.9 77.8
134	30.5	11.7 35.0





#90

Hexachloroethane

Concen: 0.847 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

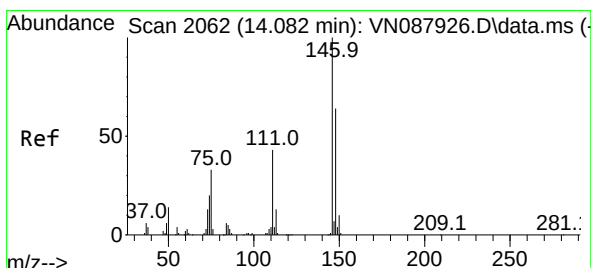
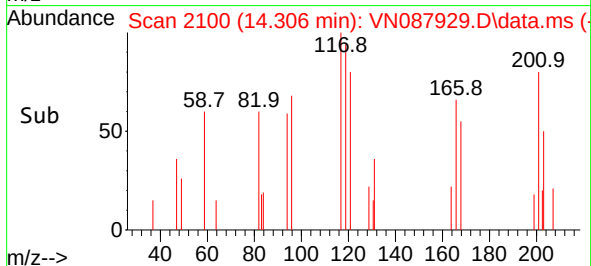
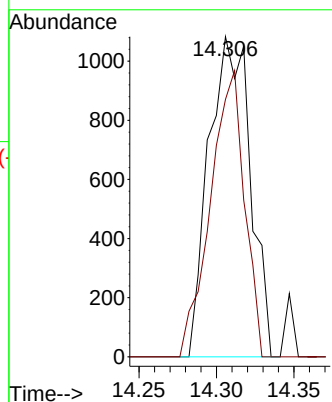
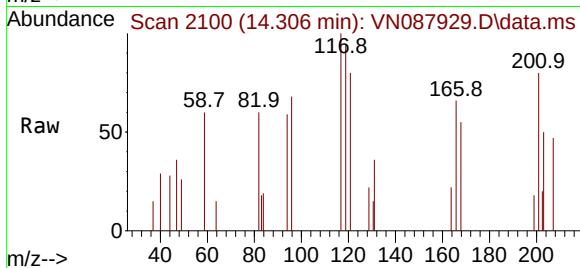
IBLK

Tgt Ion:117 Resp: 2013

Ion Ratio Lower Upper

117 100

201 73.5 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 0.623 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

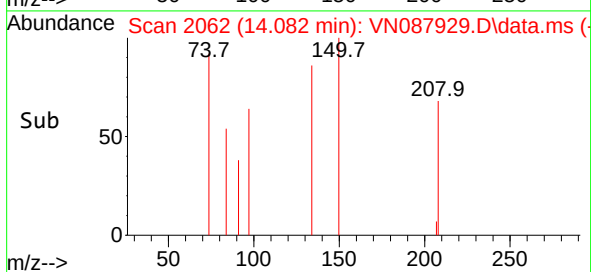
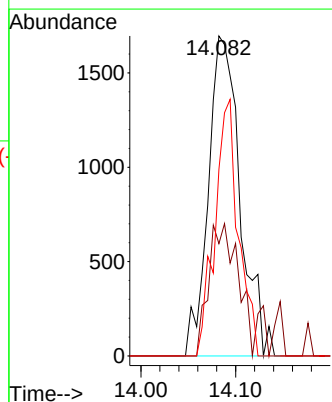
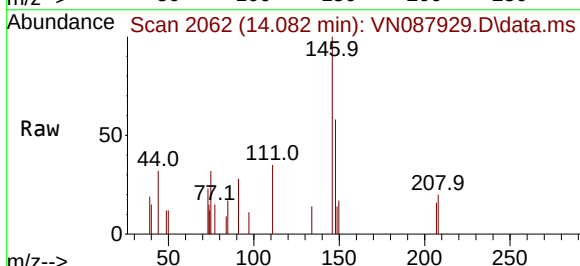
Tgt Ion:146 Resp: 3956

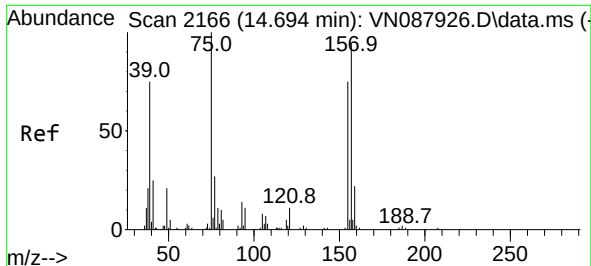
Ion Ratio Lower Upper

146 100

111 38.1 22.6 67.8

148 59.2 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.584 ug/l

RT: 14.706 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

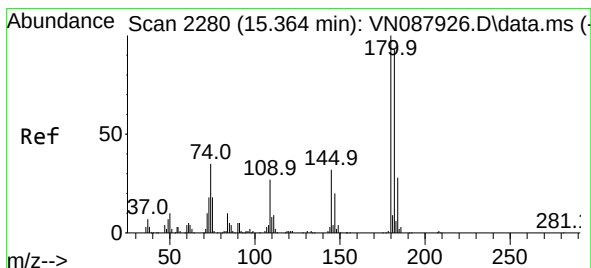
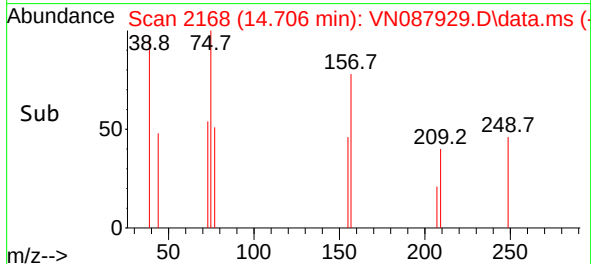
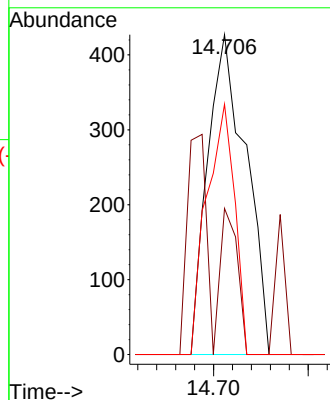
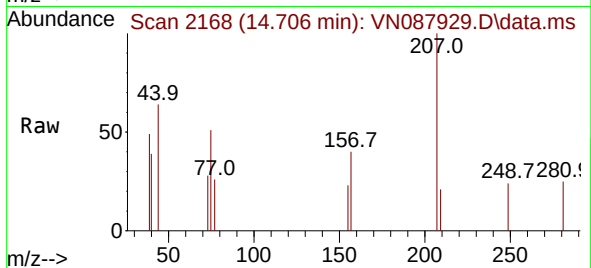
Tgt Ion: 75 Resp: 599

Ion Ratio Lower Upper

75 100

155 34.2 36.6 109.9#

157 57.1 45.6 136.9



#93

1,2,4-Trichlorobenzene

Concen: 1.692 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087929.D

Acq: 23 Sep 2025 11:17

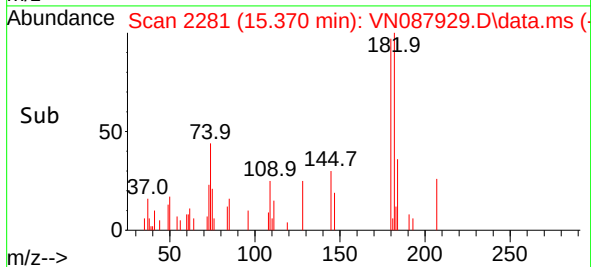
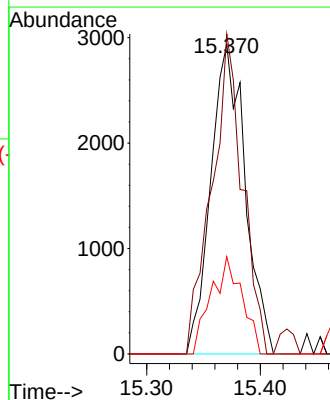
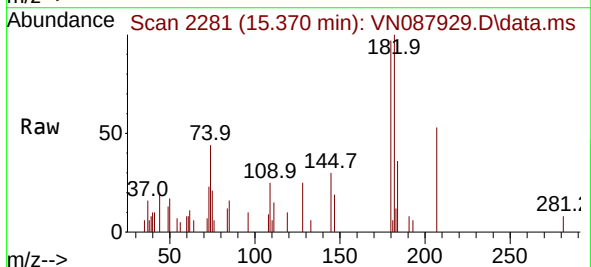
Tgt Ion: 180 Resp: 6167

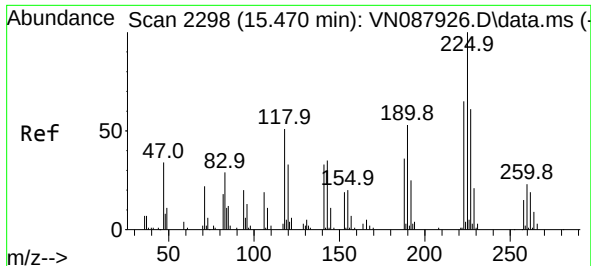
Ion Ratio Lower Upper

180 100

182 92.8 47.6 142.9

145 28.3 16.5 49.5

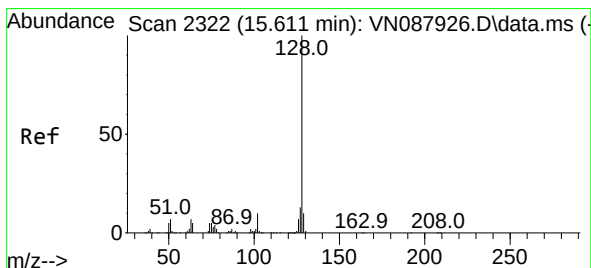
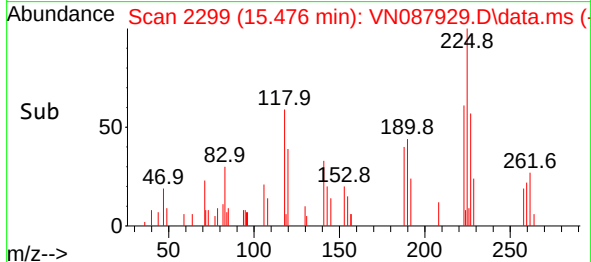
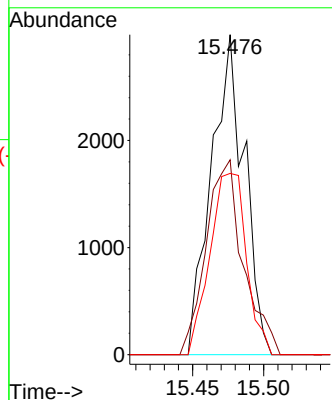
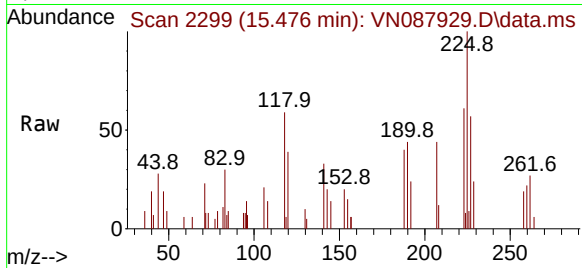




#94
Hexachlorobutadiene
Concen: 3.314 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

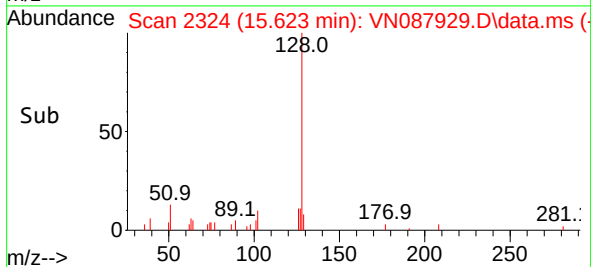
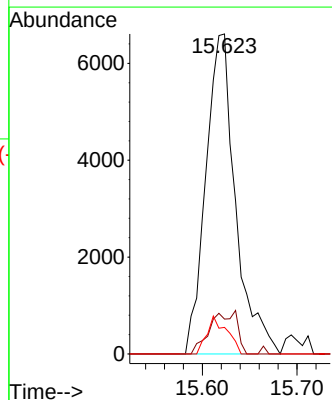
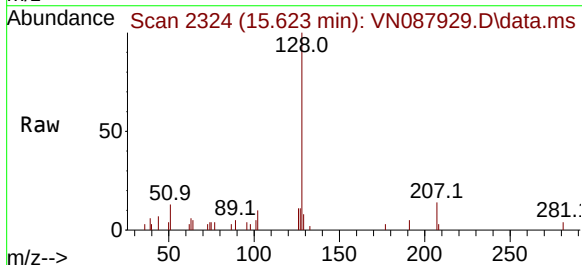
Instrument :
MSVOA_N
ClientSampleId :
IBLK

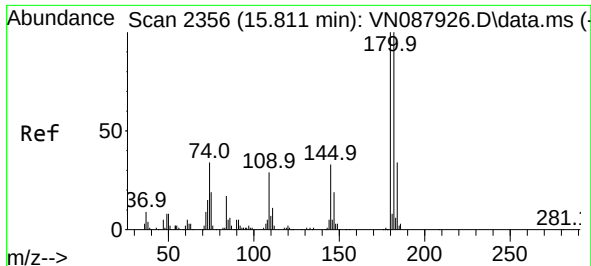
Tgt Ion:225 Resp: 4849
Ion Ratio Lower Upper
225 100
223 68.1 32.0 96.2
227 62.3 32.1 96.5



#95
Naphthalene
Concen: 1.279 ug/l
RT: 15.623 min Scan# 2324
Delta R.T. 0.012 min
Lab File: VN087929.D
Acq: 23 Sep 2025 11:17

Tgt Ion:128 Resp: 14441
Ion Ratio Lower Upper
128 100
127 12.2 10.6 15.8
129 0.0 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 1.790 ug/l

RT: 15.812 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087929.D

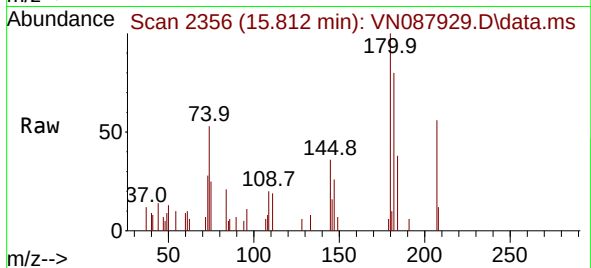
Acq: 23 Sep 2025 11:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:	180	Resp:	6454
Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.8	140.3
145	40.5	17.3	52.0

