

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088350.D
 Acq On : 24 Nov 2025 14:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Quant Time: Nov 25 01:38:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	183101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	407526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	390169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	181766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	192090	55.690	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.380%	
35) Dibromofluoromethane	8.153	113	143367	50.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.520%	
50) Toluene-d8	10.547	98	524787	49.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.829	95	187569	52.023	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.040%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.148	85	1411	0.513	ug/l	72
3) Chloromethane	2.383	50	2155	0.730	ug/l #	86
4) Vinyl Chloride	2.530	62	1322	0.440	ug/l #	79
5) Bromomethane	2.983	94	2186	1.511	ug/l #	78
6) Chloroethane	3.142	64	460	0.247	ug/l #	49
7) Trichlorofluoromethane	3.518	101	1863	0.441	ug/l #	82
8) Diethyl Ether	3.971	74	408	0.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	467	0.208	ug/l #	1
10) Methyl Iodide	4.595	142	2251	1.011	ug/l #	72
11) Tert butyl alcohol	5.512	59	1182	2.146	ug/l #	72
12) 1,1-Dichloroethene	4.348	96	1173	0.525	ug/l #	7
13) Acrolein	4.183	56	2130	4.040	ug/l #	13
14) Allyl chloride	5.018	41	2023	0.489	ug/l #	78
15) Acrylonitrile	5.724	53	5597	3.523	ug/l #	26
16) Acetone	4.418	43	4261	3.416	ug/l #	77
17) Carbon Disulfide	4.706	76	13984	1.916	ug/l #	88
18) Methyl Acetate	5.018	43	2582	0.695	ug/l	96
20) Methylene Chloride	5.265	84	1252	0.469	ug/l #	51
21) trans-1,2-Dichloroethene	5.759	96	537	0.217	ug/l #	79
22) Diisopropyl ether	6.659	45	1863	0.211	ug/l #	49
23) Vinyl Acetate	6.595	43	6012	0.844	ug/l	95
24) 1,1-Dichloroethane	6.559	63	1227	0.245	ug/l #	83
25) 2-Butanone	7.471	43	3688	1.839	ug/l #	90
28) Bromochloromethane	7.789	49	1116	0.448	ug/l #	55
29) Tetrahydrofuran	7.836	42	1416	0.984	ug/l #	80
30) Chloroform	7.947	83	1324	0.269	ug/l #	32
31) Cyclohexane	8.206	56	8441	1.861	ug/l #	38
32) 1,1,1-Trichloroethane	8.153	97	867	0.200	ug/l #	22
36) 1,1-Dichloropropene	8.359	75	2082	0.478	ug/l #	75
39) Methylcyclohexane	9.588	83	3440	0.738	ug/l	93
40) Benzene	8.594	78	3536	0.276	ug/l #	64
41) Methacrylonitrile	7.747	41	698	0.246	ug/l #	30
42) 1,2-Dichloroethane	8.659	62	2172	0.445	ug/l #	77
44) Trichloroethene	9.335	130	1170	0.387	ug/l	63
45) 1,2-Dichloropropane	9.612	63	704	0.215	ug/l #	46
46) Dibromomethane	9.688	93	1074	0.459	ug/l #	74

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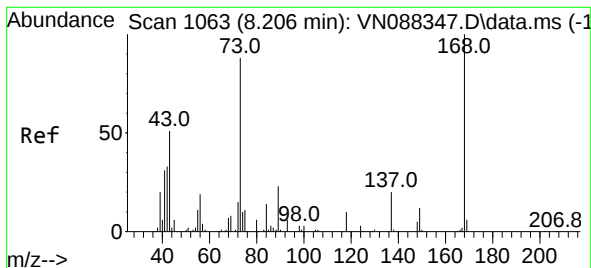
Quant Time: Nov 25 01:38:43 2025
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	9.659	41	1685	0.422	ug/l #	33
49) 1,4-Dioxane	9.688	88	2438	47.984	ug/l #	89
51) 4-Methyl-2-Pentanone	10.430	43	5272	1.021	ug/l	95
52) Toluene	10.612	92	2661	0.360	ug/l	83
53) t-1,3-Dichloropropene	10.818	75	1738	0.355	ug/l	91
54) cis-1,3-Dichloropropene	10.306	75	1251	0.243	ug/l #	70
55) 1,1,2-Trichloroethane	10.994	97	900	0.315	ug/l #	45
57) 1,3-Dichloropropane	11.147	76	1544	0.299	ug/l #	62
58) 2-Chloroethyl Vinyl ether	10.147	63	2702	1.038	ug/l	92
61) 1,2-Dibromoethane	11.465	107	634	0.219	ug/l	92
64) Tetrachloroethene	11.077	164	1843	0.596	ug/l #	56
65) Chlorobenzene	11.871	112	2554	0.291	ug/l	92
67) Ethyl Benzene	11.947	91	4995	0.326	ug/l #	87
68) m/p-Xylenes	12.053	106	3600	0.634	ug/l	77
69) o-Xylene	12.376	106	1438	0.266	ug/l	85
71) Bromoform	12.559	173	477	0.220	ug/l #	29
73) Isopropylbenzene	12.671	105	5633	0.419	ug/l	92
76) 1,2,3-Trichloropropane	12.829	75	113688	26.704	ug/l #	1
77) Bromobenzene	12.959	156	1124	0.366	ug/l	98
78) n-propylbenzene	13.018	91	10267	0.624	ug/l	96
79) 2-Chlorotoluene	13.200	91	4997	0.498	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	5940	0.533	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.829	75	113688	75.759	ug/l #	1
82) 4-Chlorotoluene	13.200	91	4997	0.501	ug/l	96
83) tert-Butylbenzene	13.418	119	8050	0.850	ug/l	96
84) 1,2,4-Trimethylbenzene	13.471	105	6233	0.563	ug/l	96
85) sec-Butylbenzene	13.594	105	13487	0.992	ug/l	94
86) p-Isopropyltoluene	13.706	119	10161	0.911	ug/l	95
87) 1,3-Dichlorobenzene	13.712	146	3958	0.661	ug/l	94
88) 1,4-Dichlorobenzene	13.712	146	3958	0.631	ug/l	92
89) n-Butylbenzene	14.041	91	13635	1.259	ug/l	94
90) Hexachloroethane	14.306	117	1932	0.948	ug/l	89
91) 1,2-Dichlorobenzene	14.088	146	3233	0.574	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.706	75	558	0.529	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.376	180	6159	1.840	ug/l	94
94) Hexachlorobutadiene	15.476	225	6317	5.252	ug/l	97
95) Naphthalene	15.617	128	13246	1.142	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.812	180	5707	1.752	ug/l	89

(#) = 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# 1

Delta R.T. 0.000 min

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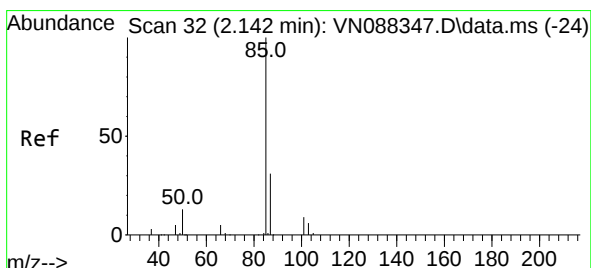
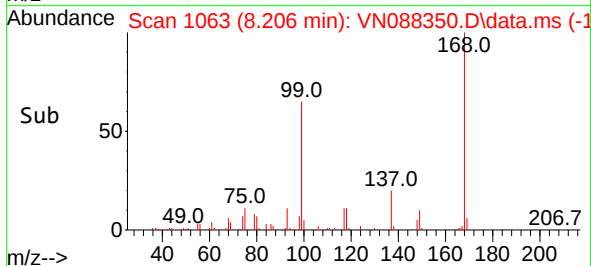
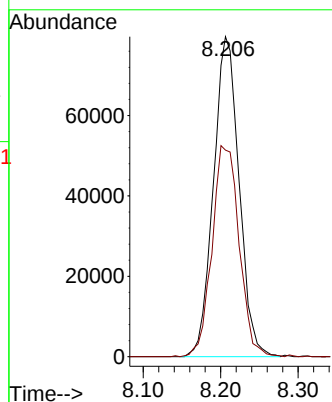
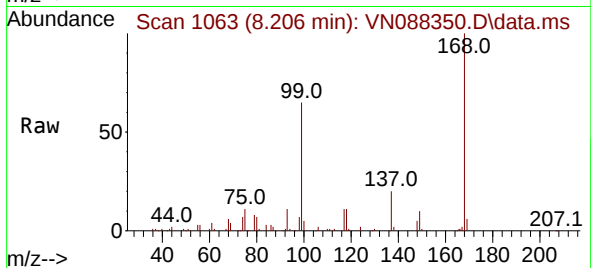
IBLK

Tgt Ion:168 Resp: 183101

Ion Ratio Lower Upper

168 100

99 64.6 57.1 85.7



#2

Dichlorodifluoromethane

Concen: 0.513 ug/l

RT: 2.148 min Scan# 33

Delta R.T. 0.006 min

Lab File: VN088350.D

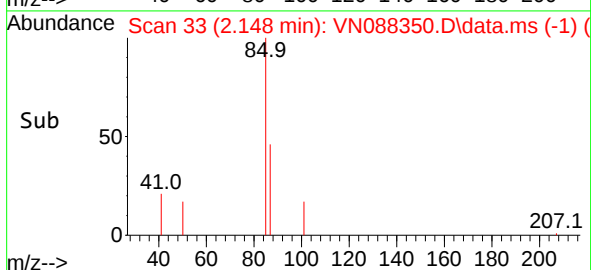
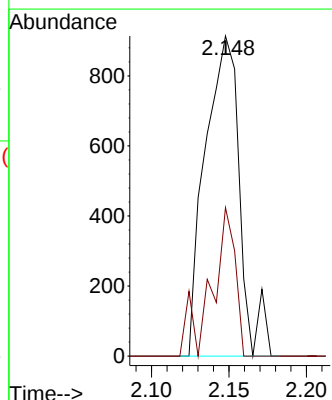
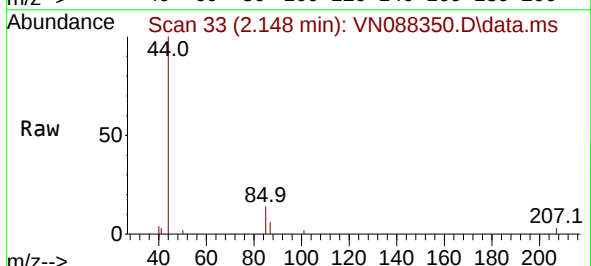
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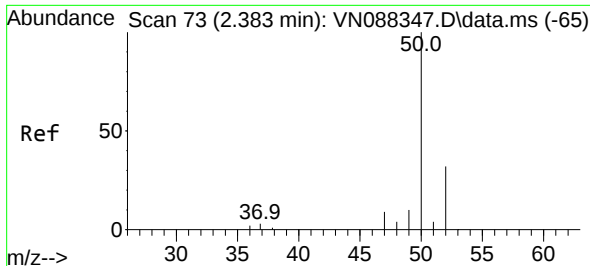
Tgt Ion: 85 Resp: 1411

Ion Ratio Lower Upper

85 100

87 46.4 15.6 46.7

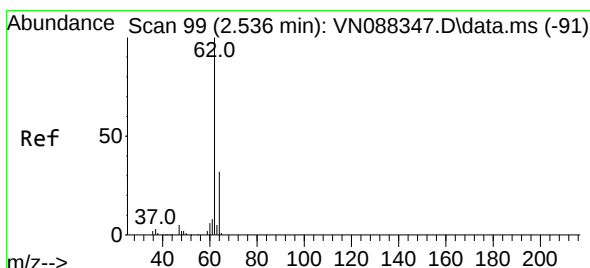
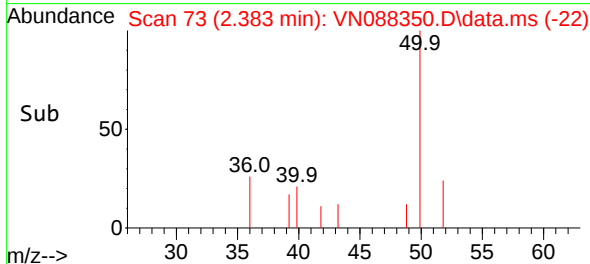
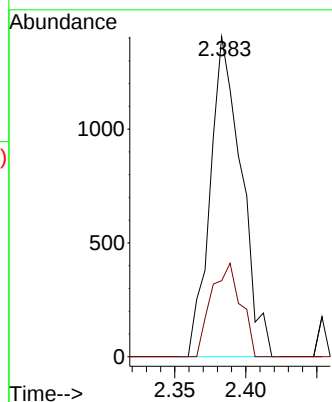
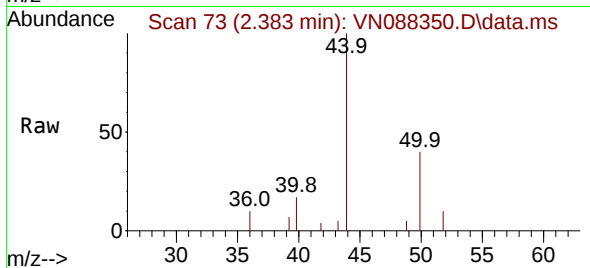




#3
Chloromethane
Concen: 0.730 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

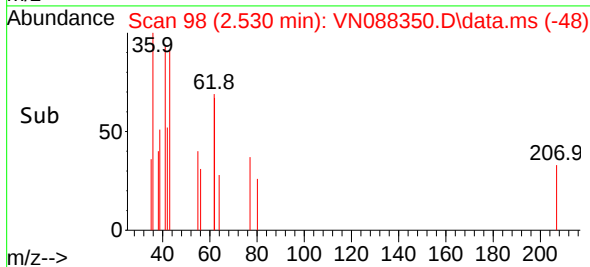
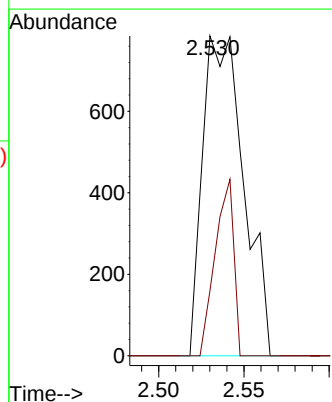
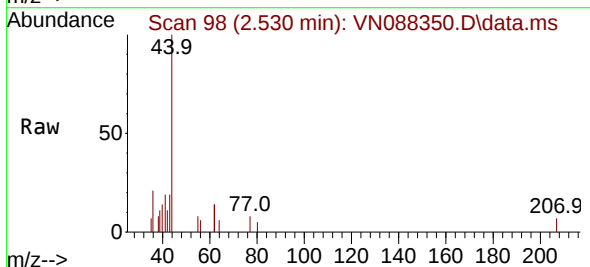
Instrument :
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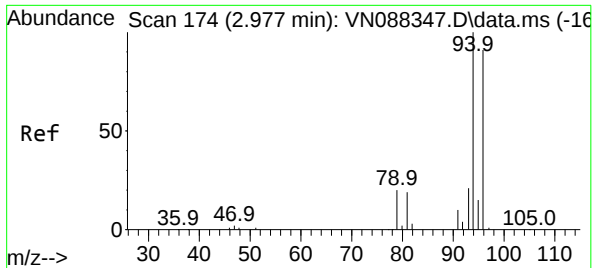
Tgt Ion: 50 Resp: 2155
Ion Ratio Lower Upper
50 100
52 23.8 25.2 37.8#



#4
Vinyl Chloride
Concen: 0.440 ug/l
RT: 2.530 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 62 Resp: 1322
Ion Ratio Lower Upper
62 100
64 20.4 25.4 38.2#

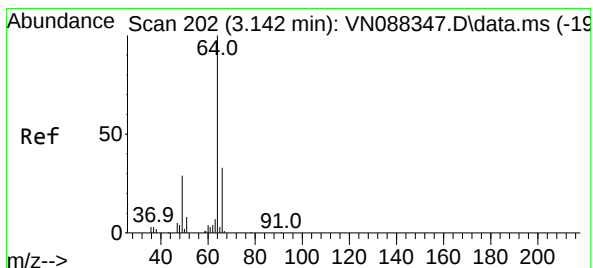
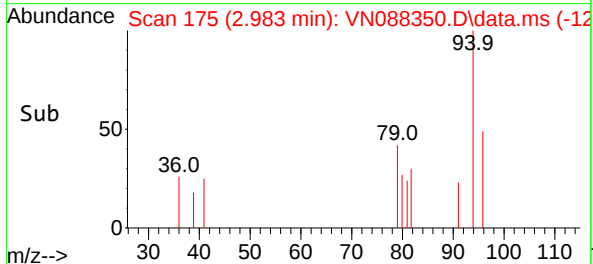
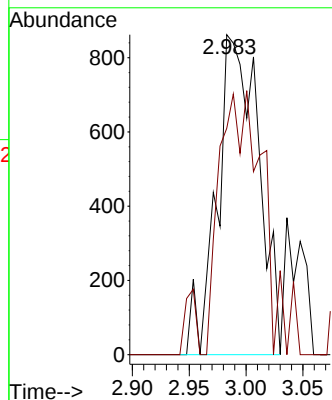
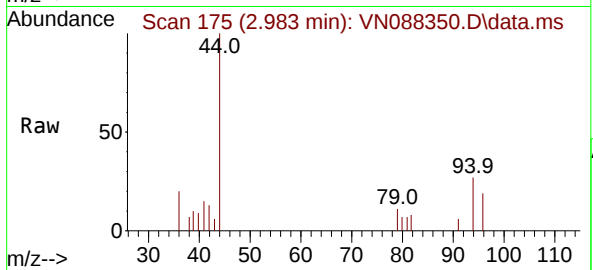




#5
Bromomethane
Concen: 1.511 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

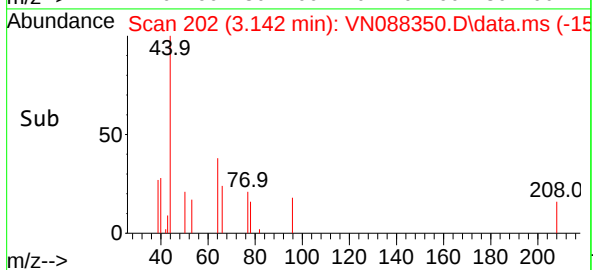
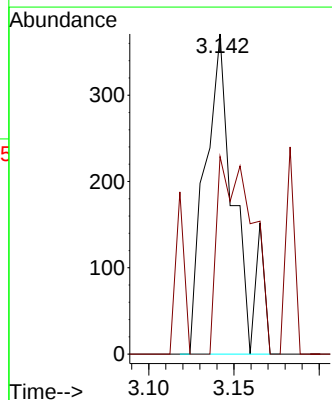
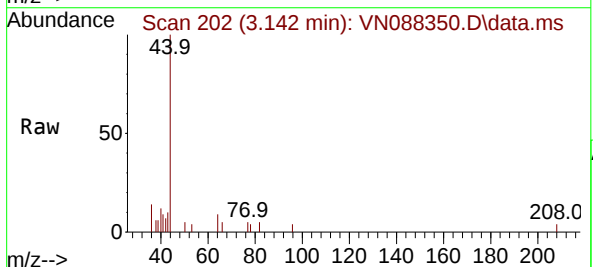
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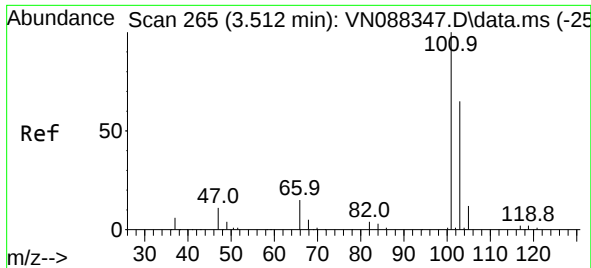
Tgt Ion: 94 Resp: 2186
Ion Ratio Lower Upper
94 100
96 70.8 73.2 109.8#



#6
Chloroethane
Concen: 0.247 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 64 Resp: 460
Ion Ratio Lower Upper
64 100
66 61.7 26.4 39.6#

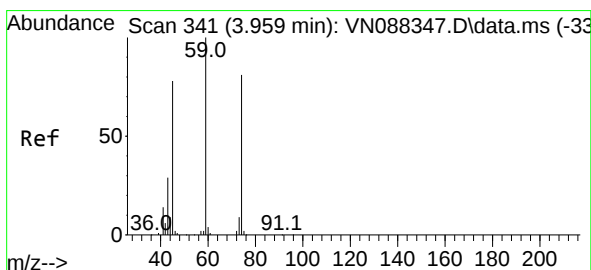
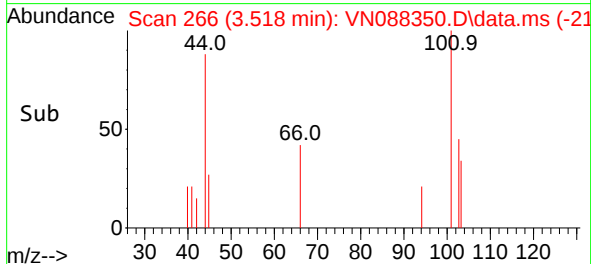
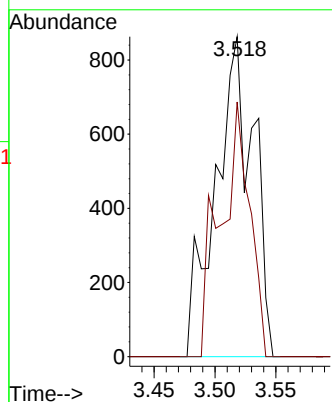
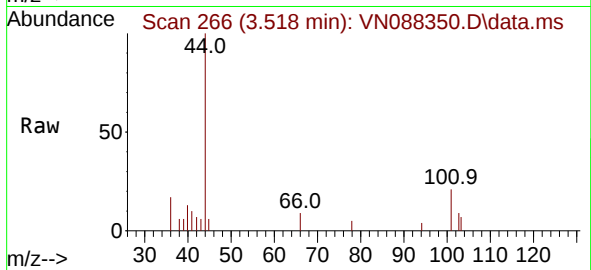




#7
Trichlorofluoromethane
Concen: 0.441 ug/l
RT: 3.518 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

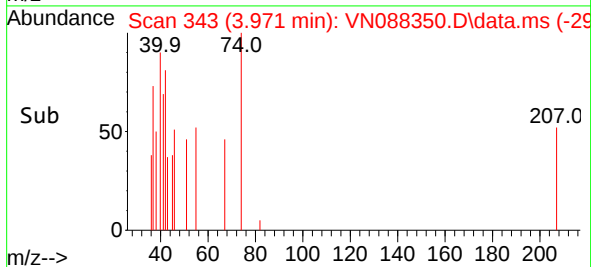
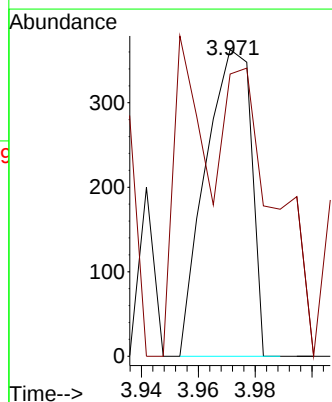
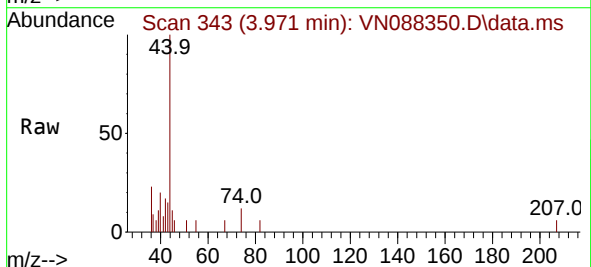
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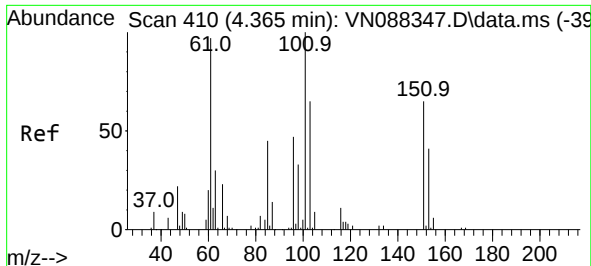
Tgt Ion:101 Resp: 1863
Ion Ratio Lower Upper
101 100
103 79.6 52.3 78.5#



#8
Diethyl Ether
Concen: 0.257 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.012 min
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Acq: 24 Nov 2025 14:56

Tgt Ion: 74 Resp: 408
Ion Ratio Lower Upper
74 100
45 105.1 54.2 162.6

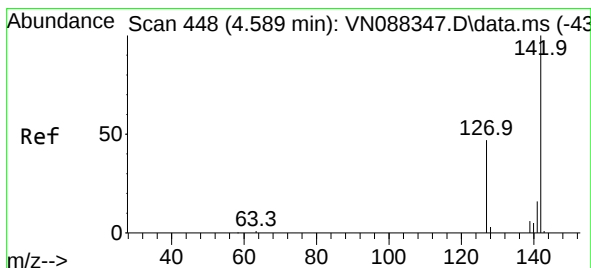
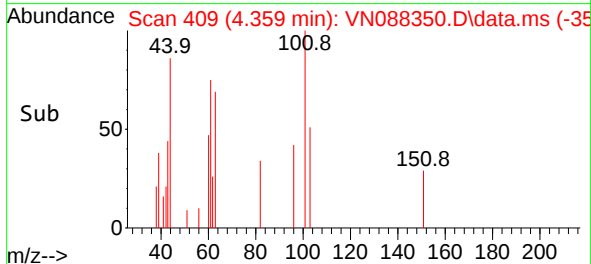
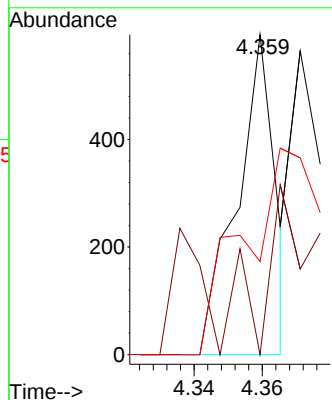
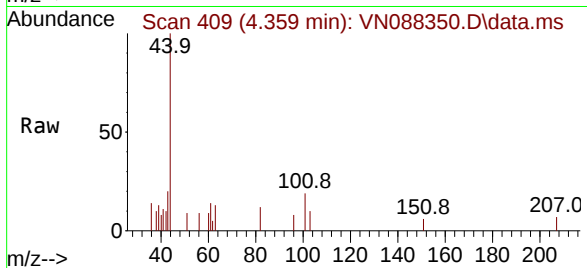




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.208 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN088350.D
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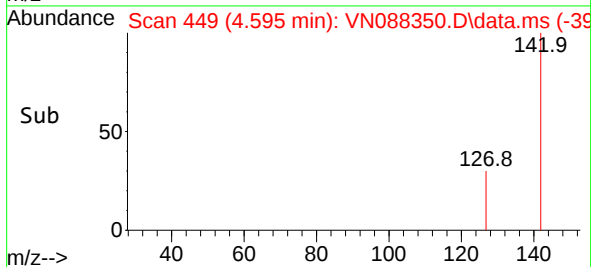
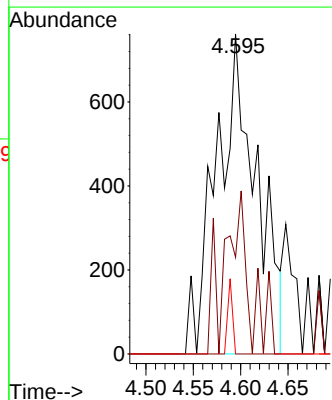
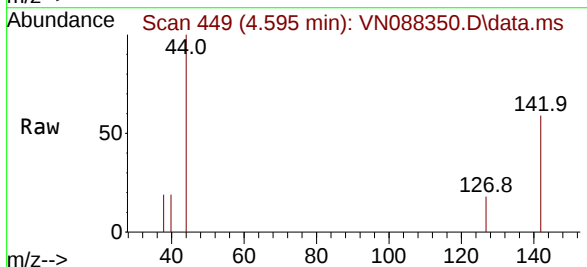
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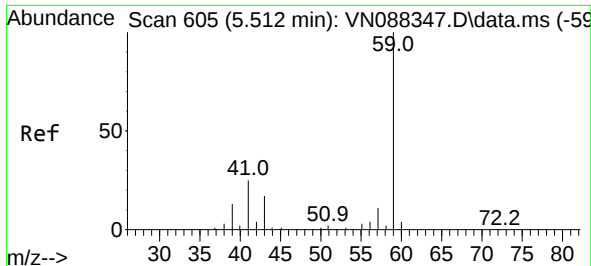
Tgt Ion:101 Resp: 467
Ion Ratio Lower Upper
101 100
85 0.0 39.2 58.8#
151 183.1 53.6 80.4#



#10
Methyl Iodide
Concen: 1.011 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion:142 Resp: 2251
Ion Ratio Lower Upper
142 100
127 30.2 37.9 56.9#
141 0.0 12.4 18.6#

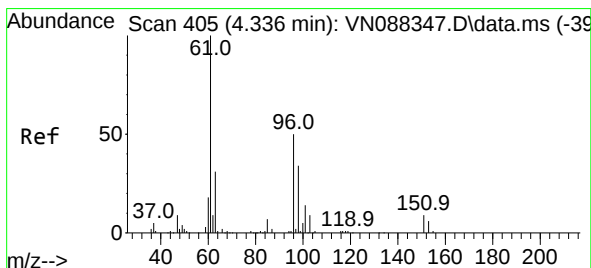
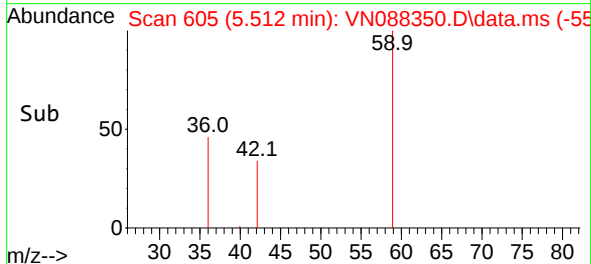
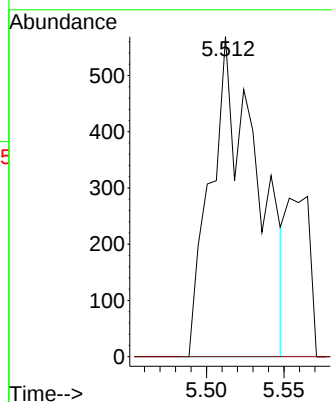
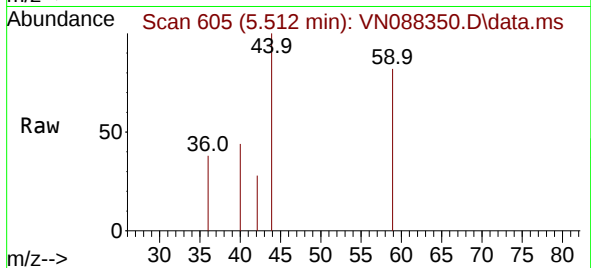




#11
Tert butyl alcohol
Concen: 2.146 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

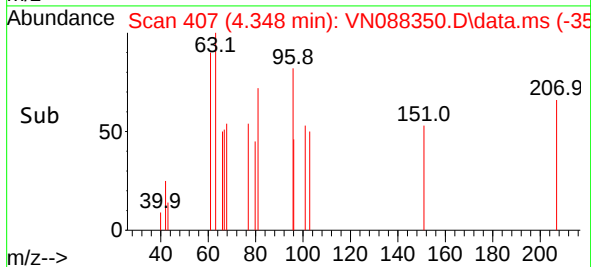
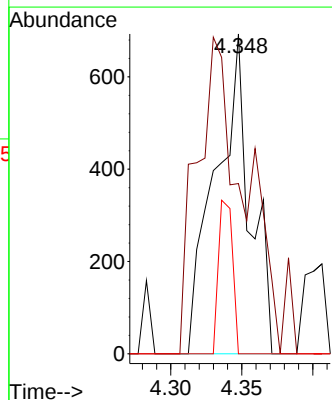
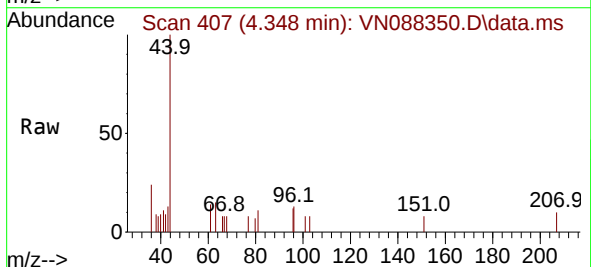
Instrument :
MSVOA_U
ClientSampleId :
IBLK

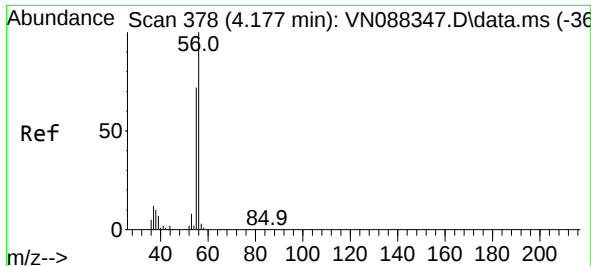
Tgt Ion: 59 Resp: 1182
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 0.525 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 96 Resp: 1173
Ion Ratio Lower Upper
96 100
61 53.2 159.1 238.7#
98 0.0 53.7 80.5#





#13

Acrolein

Concen: 4.040 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

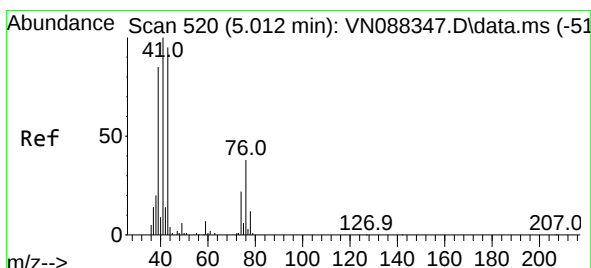
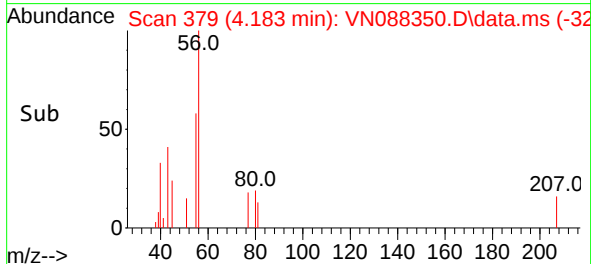
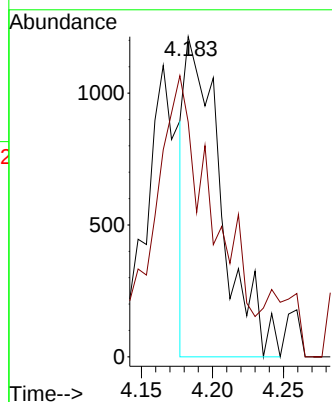
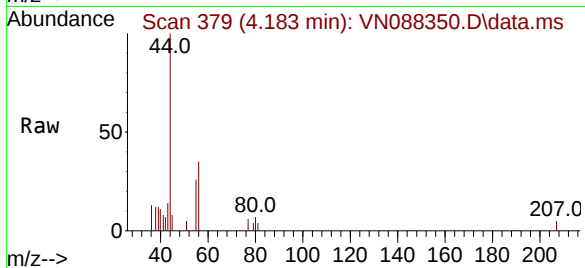
IBLK

Tgt Ion: 56 Resp: 2130

Ion Ratio Lower Upper

56 100

55 142.1 56.3 84.5#



#14

Allyl chloride

Concen: 0.489 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

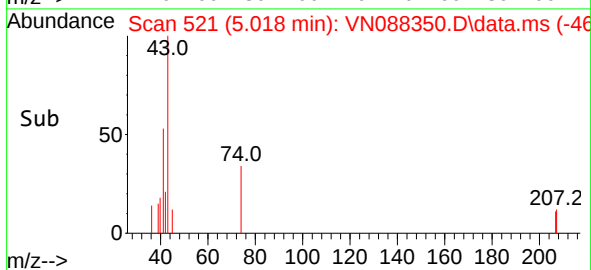
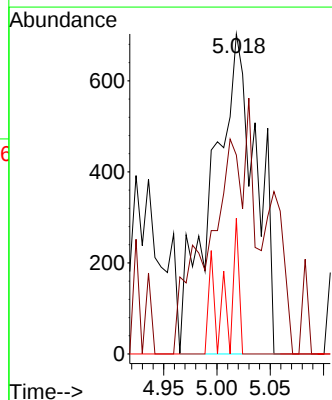
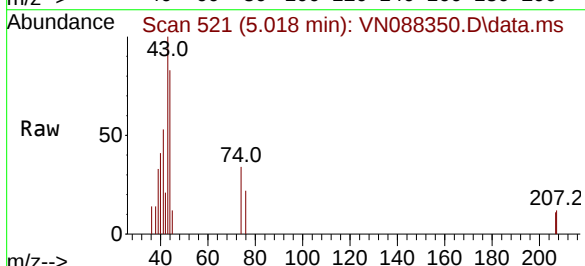
Tgt Ion: 41 Resp: 2023

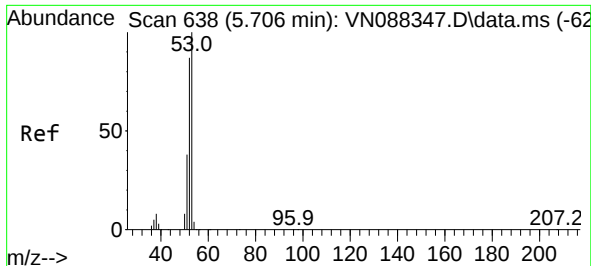
Ion Ratio Lower Upper

41 100

39 71.8 64.7 97.1

76 8.4 29.1 43.7#

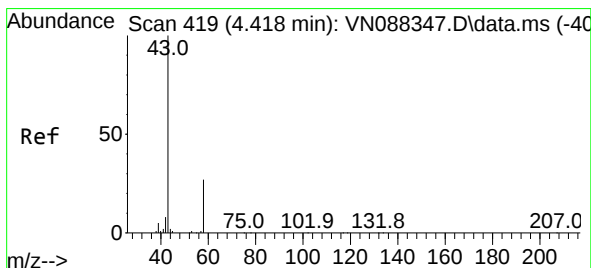
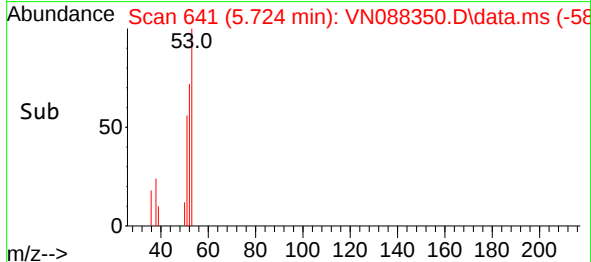
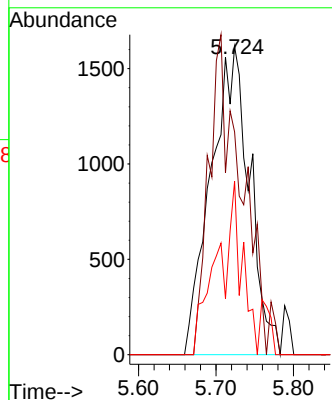
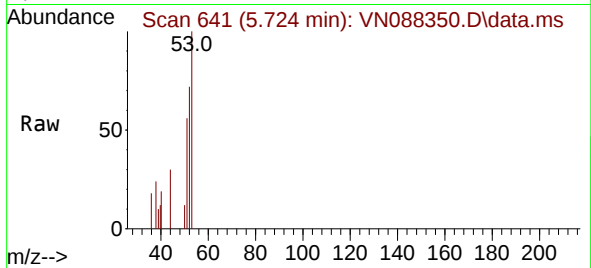




#15
Acrylonitrile
Concen: 3.523 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

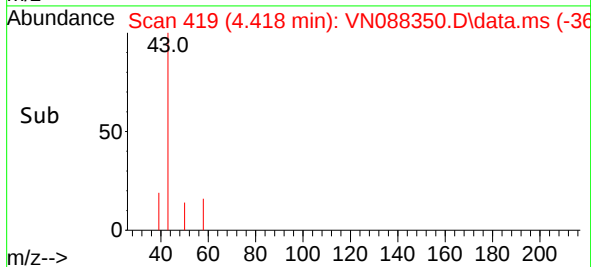
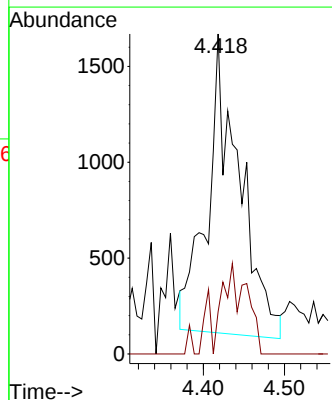
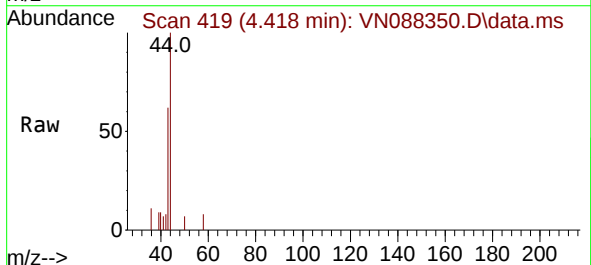
Instrument :
MSVOA_U
ClientSampleId :
IBLK

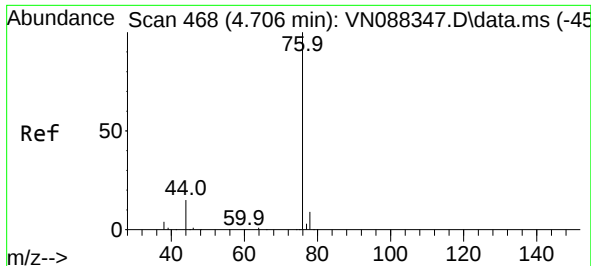
Tgt Ion: 53 Resp: 5597
Ion Ratio Lower Upper
53 100
52 0.0 67.8 101.6#
51 18.5 29.8 44.8#



#16
Acetone
Concen: 3.416 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 15.0 21.7 32.5#





#17

Carbon Disulfide

Concen: 1.916 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

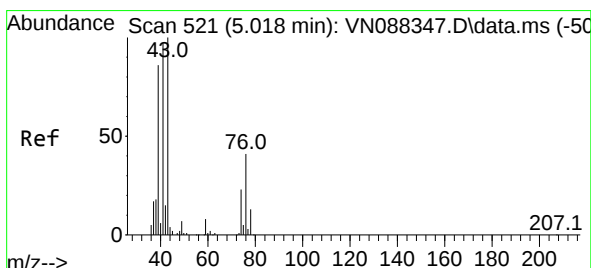
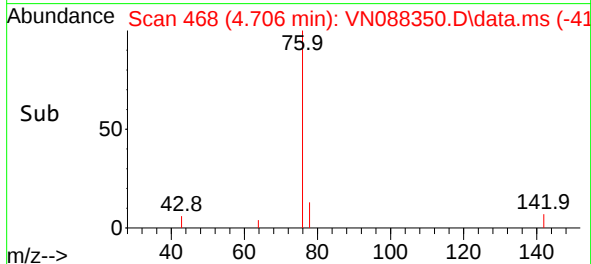
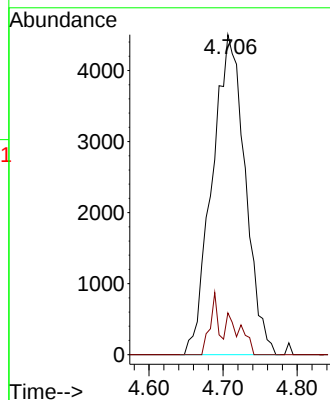
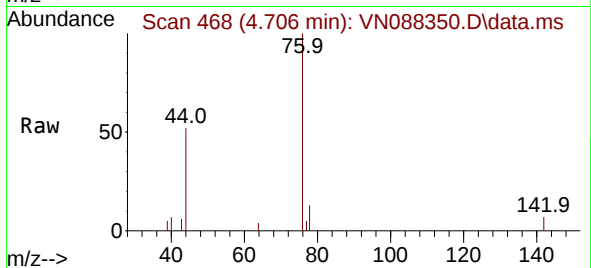
IBLK

Tgt Ion: 76 Resp: 13984

Ion Ratio Lower Upper

76 100

78 13.1 7.0 10.4#



#18

Methyl Acetate

Concen: 0.695 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN088350.D

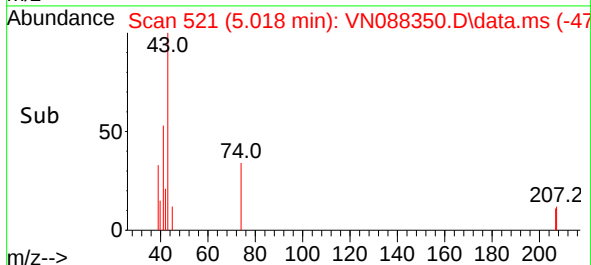
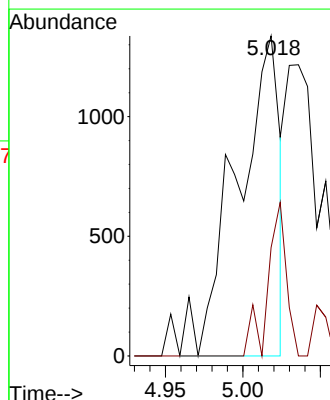
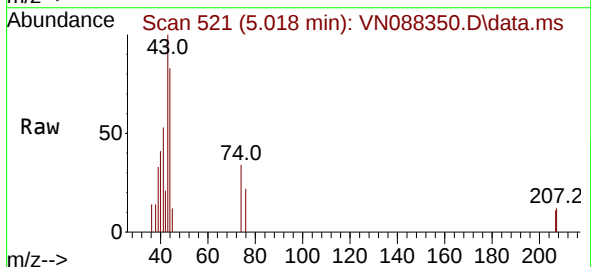
Acq: 24 Nov 2025 14:56

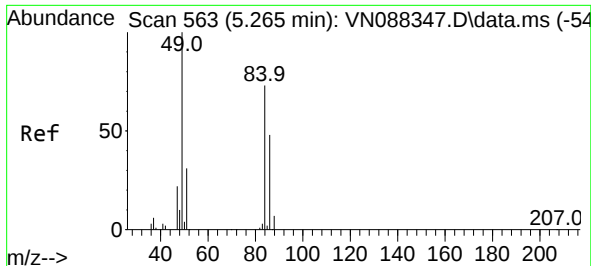
Tgt Ion: 43 Resp: 2582

Ion Ratio Lower Upper

43 100

74 20.7 17.9 26.9

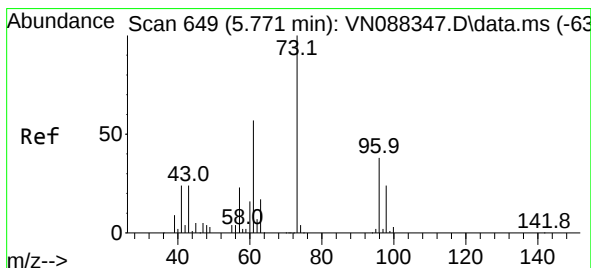
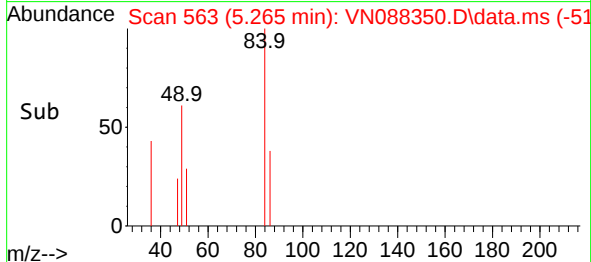
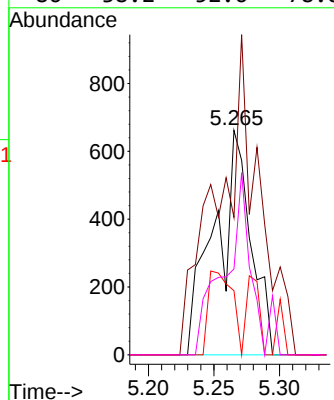
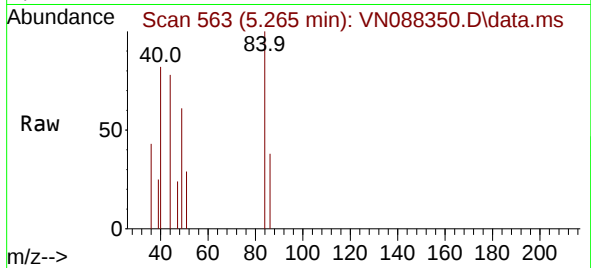




#20
Methylene Chloride
Concen: 0.469 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

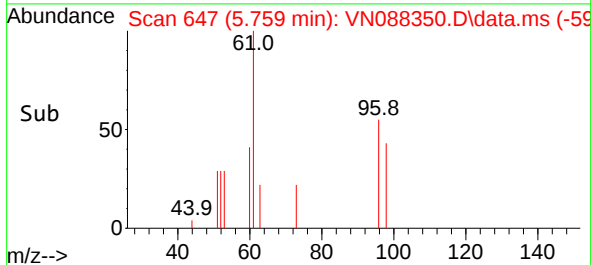
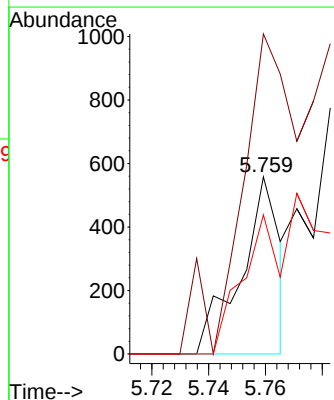
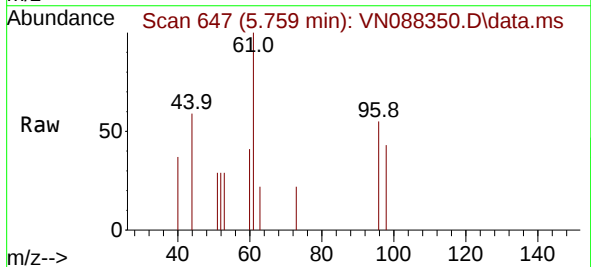
Instrument :
MSVOA_U
ClientSampleId :
IBLK

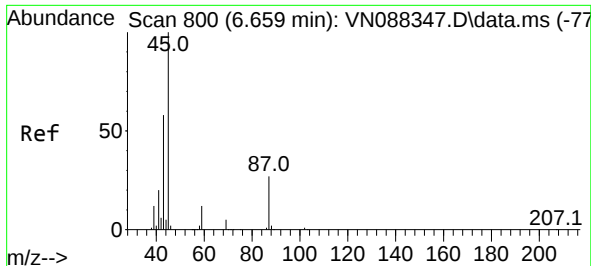
Tgt Ion: 84 Resp: 1252
Ion Ratio Lower Upper
84 100
49 61.2 110.2 165.2#
51 28.5 34.1 51.1#
86 38.2 52.6 78.8#



#21
trans-1,2-Dichloroethene
Concen: 0.217 ug/l
RT: 5.759 min Scan# 647
Delta R.T. -0.012 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 96 Resp: 537
Ion Ratio Lower Upper
96 100
61 180.6 122.4 183.6
98 78.5 50.9 76.3#

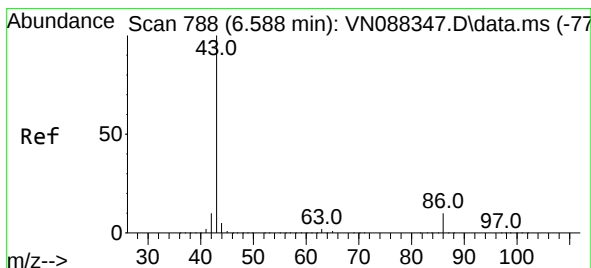
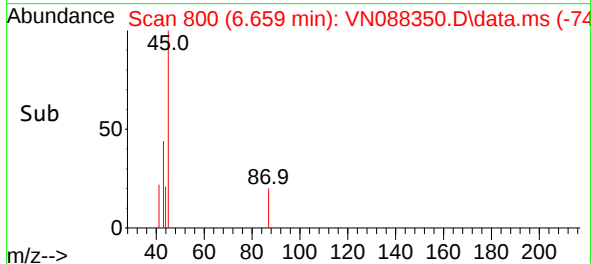
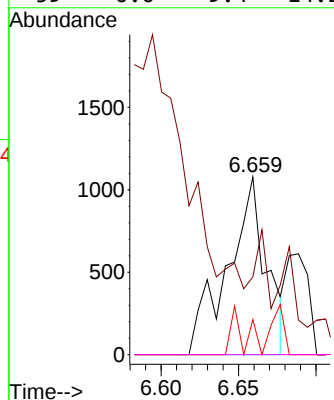
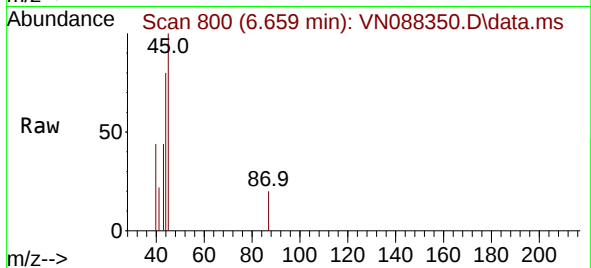




#22
Diisopropyl ether
Concen: 0.211 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

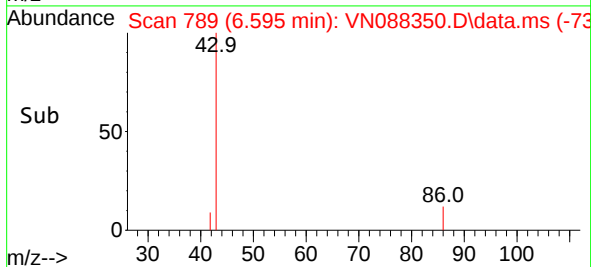
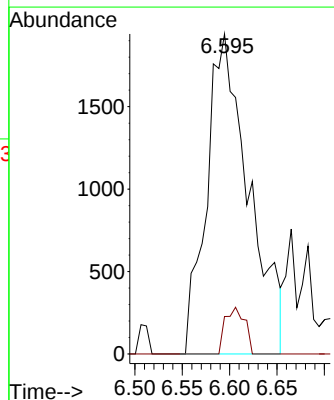
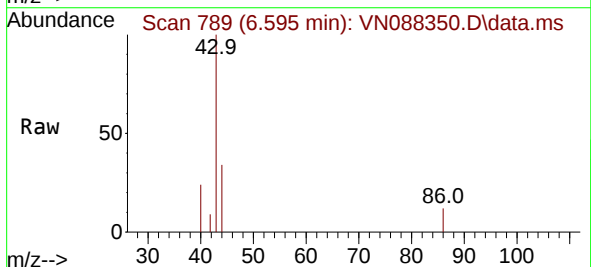
Instrument :
MSVOA_U
ClientSampleId :
IBLK

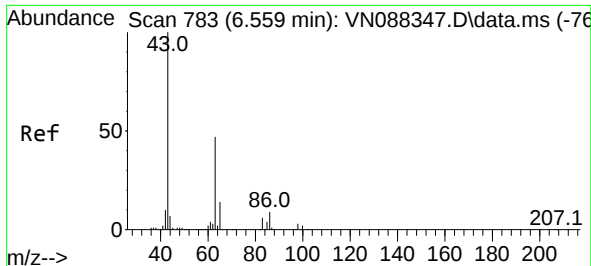
Tgt Ion:	45	Resp:	1863
Ion	Ratio	Lower	Upper
45	100		
43	4.7	47.4	71.2#
87	19.8	21.9	32.9#
59	0.0	9.4	14.2#



#23
Vinyl Acetate
Concen: 0.844 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion:	43	Resp:	6012
Ion	Ratio	Lower	Upper
43	100		
86	11.7	7.8	11.8

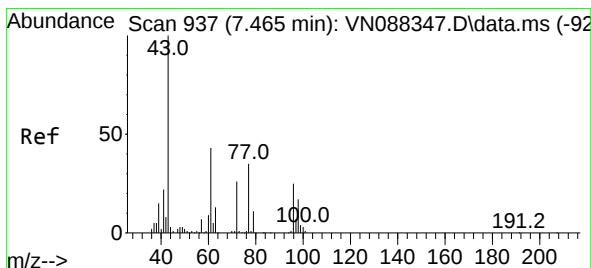
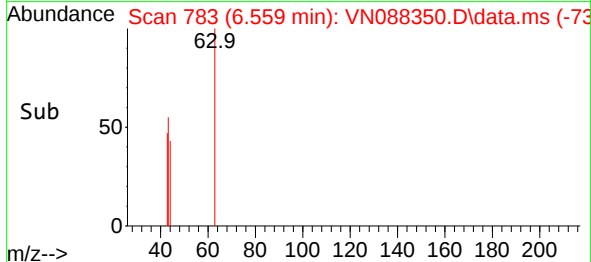
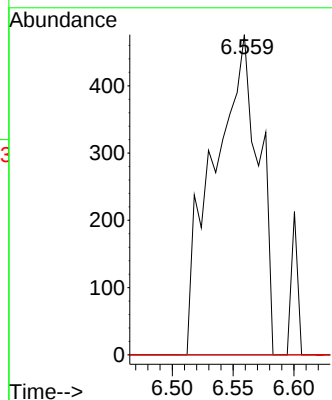
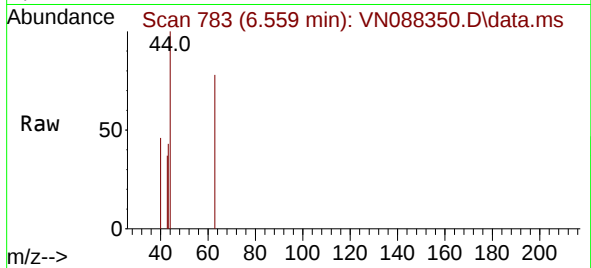




#24
1,1-Dichloroethane
Concen: 0.245 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

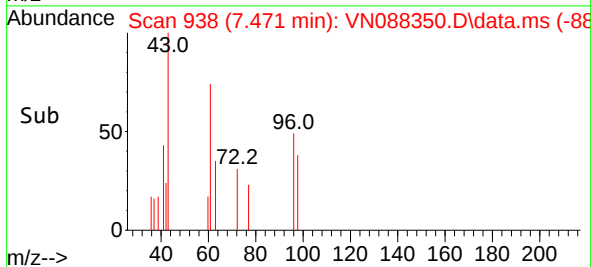
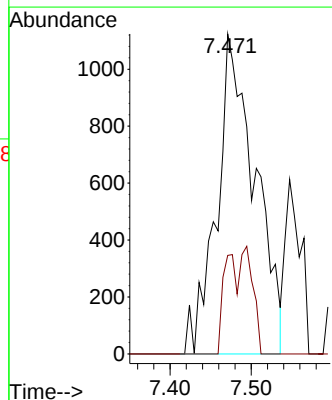
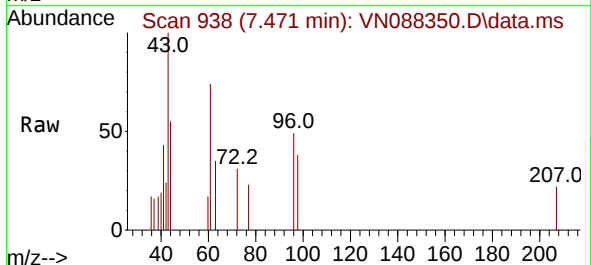
Instrument :
MSVOA_U
ClientSampleId :
IBLK

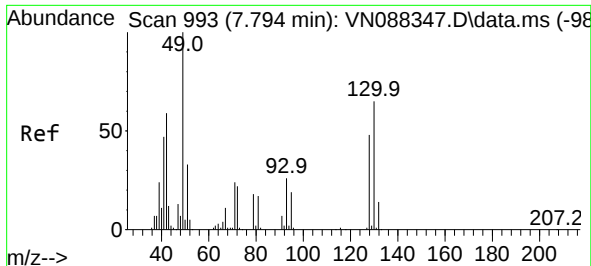
Tgt Ion: 63 Resp: 1227
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 1.9 5.7#



#25
2-Butanone
Concen: 1.839 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 43 Resp: 3688
Ion Ratio Lower Upper
43 100
72 30.8 20.5 30.7#

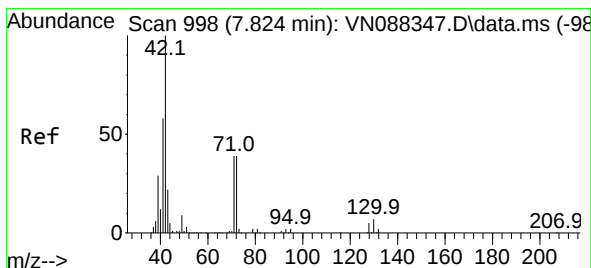
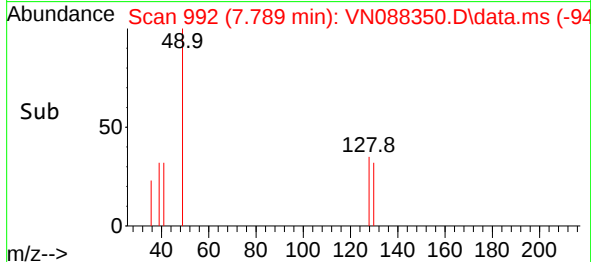
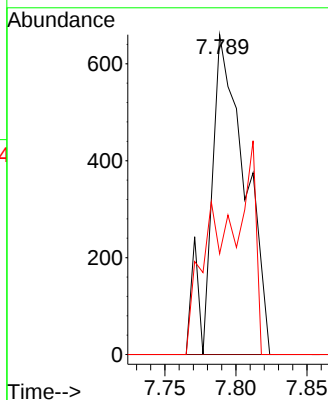
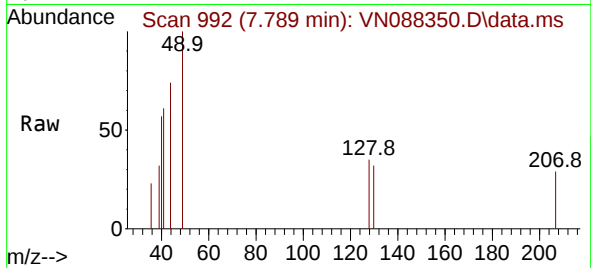




#28
Bromochloromethane
Concen: 0.448 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

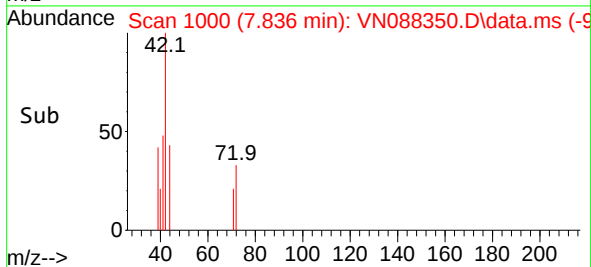
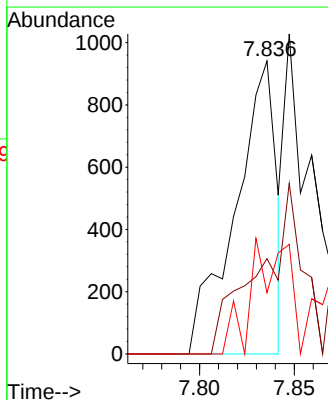
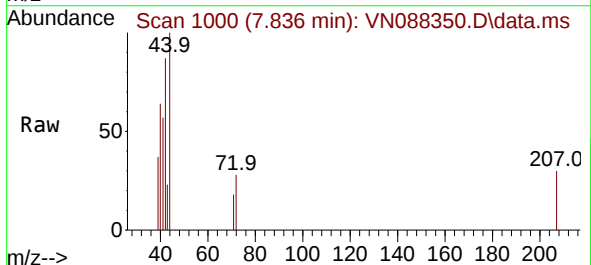
Instrument :
MSVOA_U
ClientSampleId :
IBLK

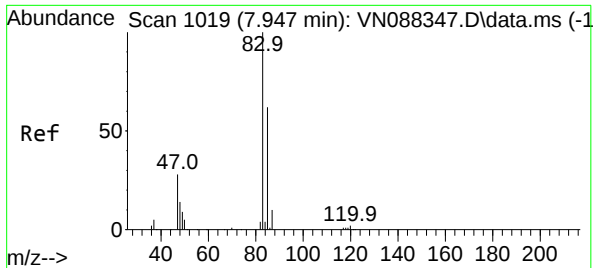
Tgt Ion: 49 Resp: 1116
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 28.0 51.1 76.7#



#29
Tetrahydrofuran
Concen: 0.984 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 42 Resp: 1416
Ion Ratio Lower Upper
42 100
72 61.1 32.2 48.4#
71 35.2 31.1 46.7

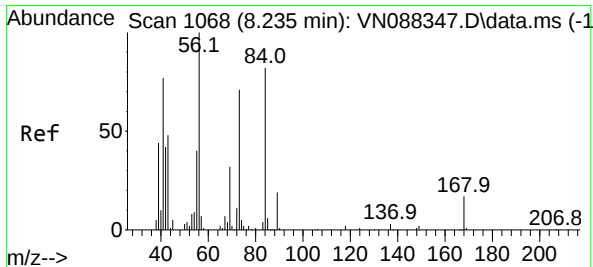
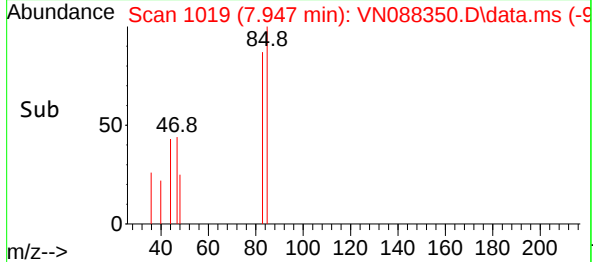
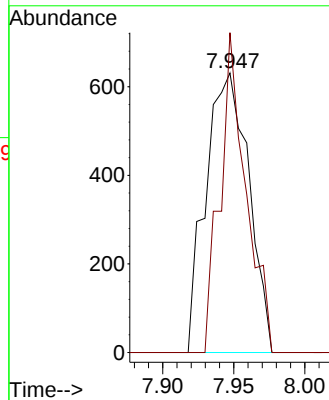
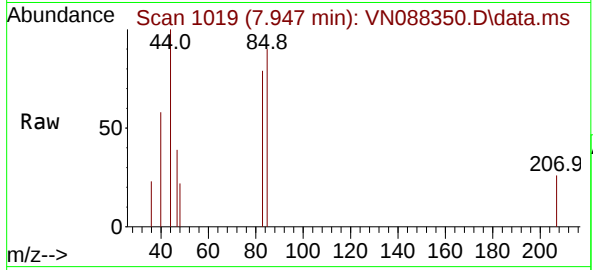




#30
Chloroform
Concen: 0.269 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

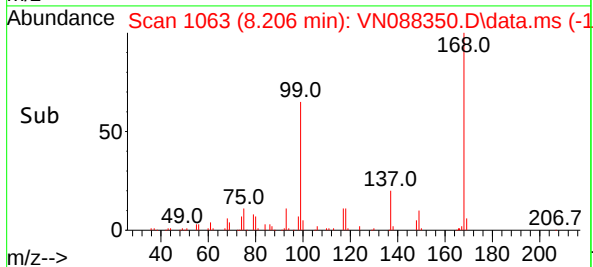
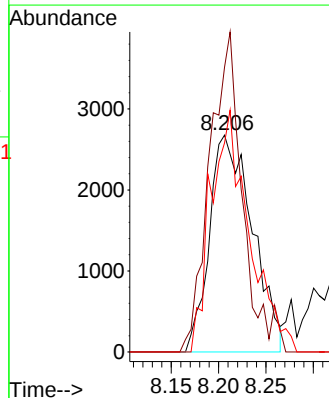
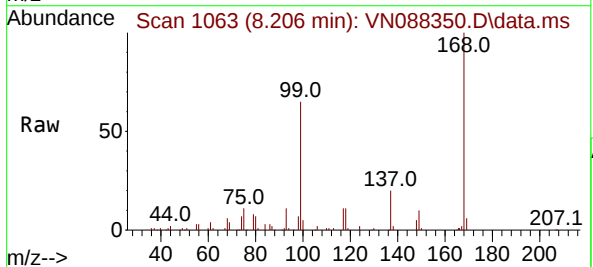
Instrument :
MSVOA_U
ClientSampleId :
IBLK

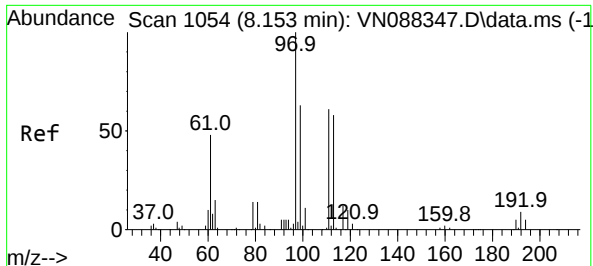
Tgt Ion: 83 Resp: 1324
Ion Ratio Lower Upper
83 100
85 114.4 49.8 74.8#



#31
Cyclohexane
Concen: 1.861 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 56 Resp: 8441
Ion Ratio Lower Upper
56 100
69 131.3 25.3 37.9#
84 96.3 65.4 98.2

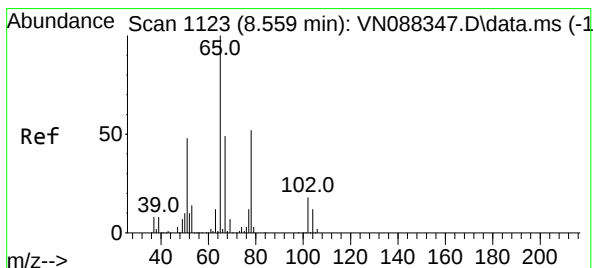
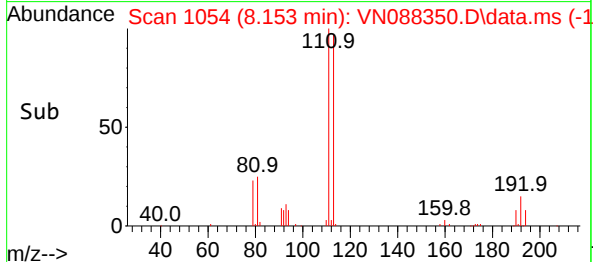
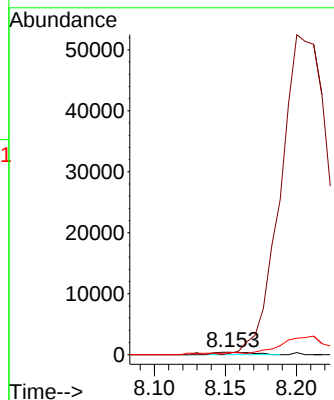
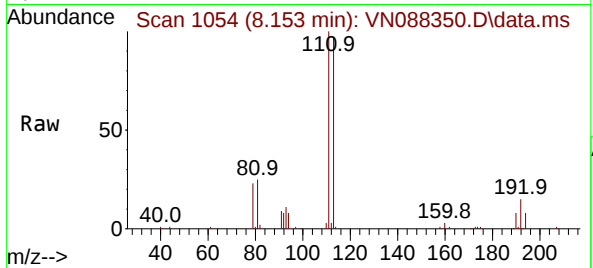




#32
1,1,1-Trichloroethane
Concen: 0.200 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

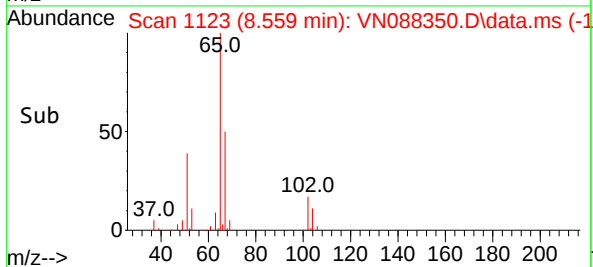
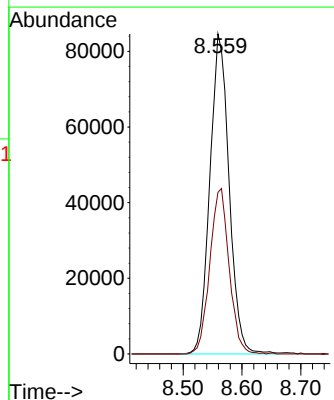
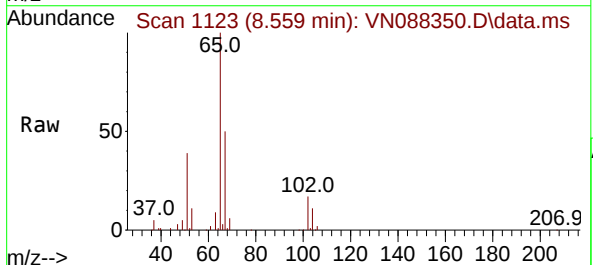
Instrument :
MSVOA_U
ClientSampleId :
IBLK

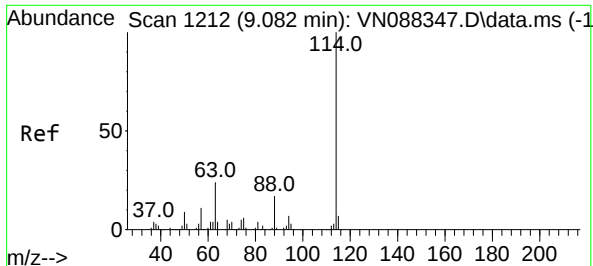
Tgt Ion: 97 Resp: 867
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 42.2 63.2#



#33
1,2-Dichloroethane-d4
Concen: 55.690 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 65 Resp: 192090
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

IBLK

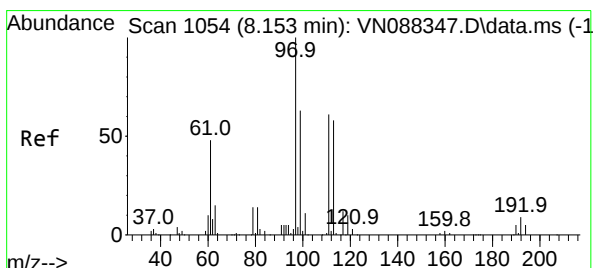
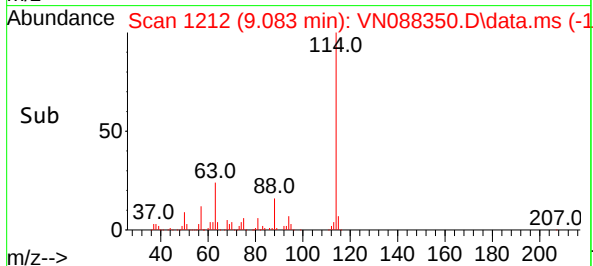
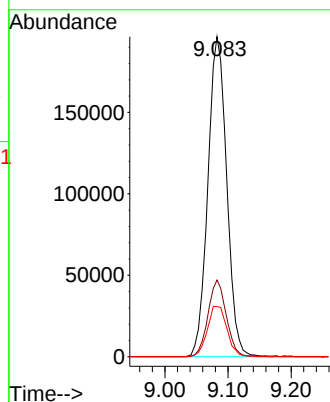
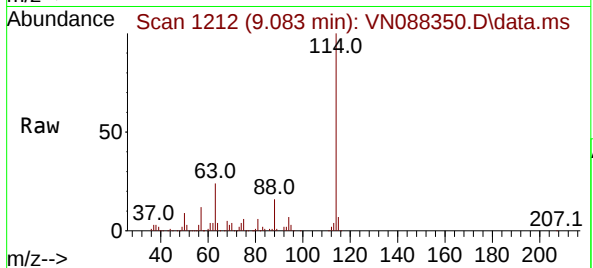
Tgt Ion:114 Resp: 407526

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.0

88 15.7 0.0 34.0



#35

Dibromofluoromethane

Concen: 50.765 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

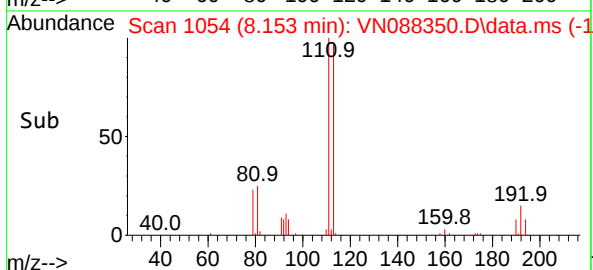
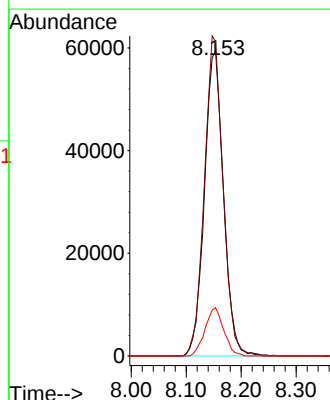
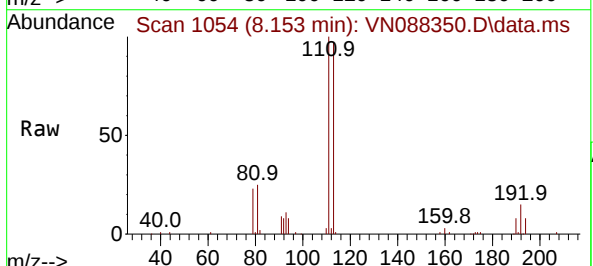
Tgt Ion:113 Resp: 143367

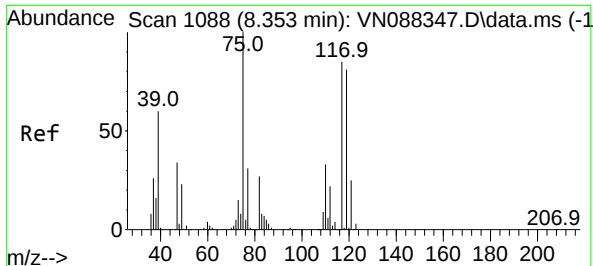
Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 15.5 12.8 19.2





#36

1,1-Dichloropropene

Concen: 0.478 ug/l

RT: 8.359 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

IBLK

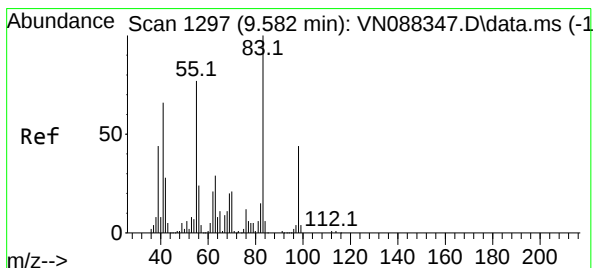
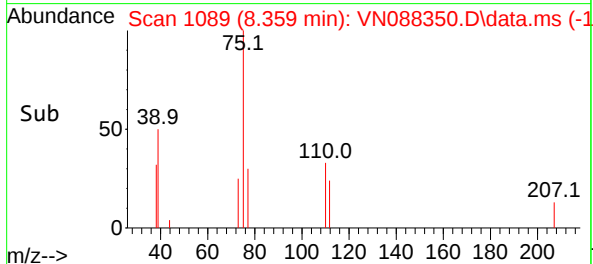
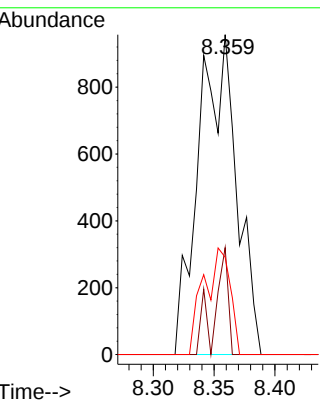
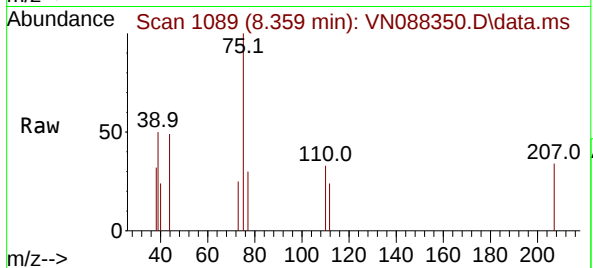
Tgt Ion: 75 Resp: 2082

Ion Ratio Lower Upper

75 100

110 12.0 15.8 47.4#

77 23.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 0.738 ug/l

RT: 9.588 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

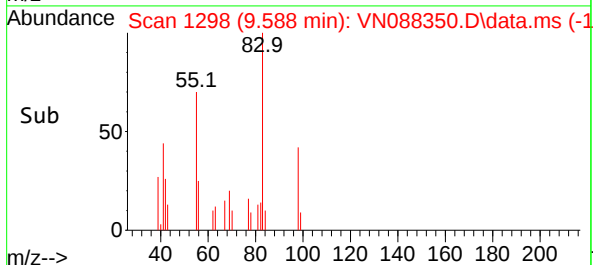
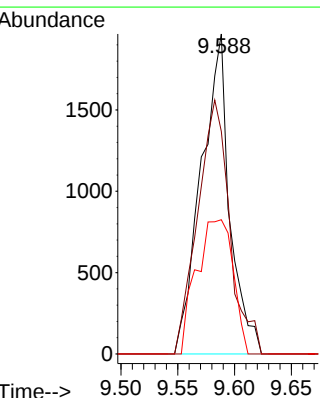
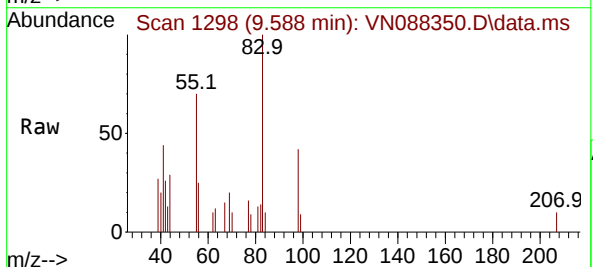
Tgt Ion: 83 Resp: 3440

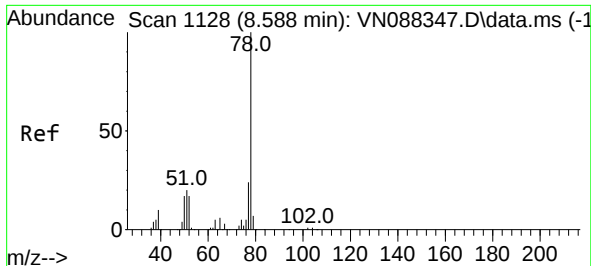
Ion Ratio Lower Upper

83 100

55 69.5 61.6 92.4

98 41.9 35.3 52.9





#40

Benzene

Concen: 0.276 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

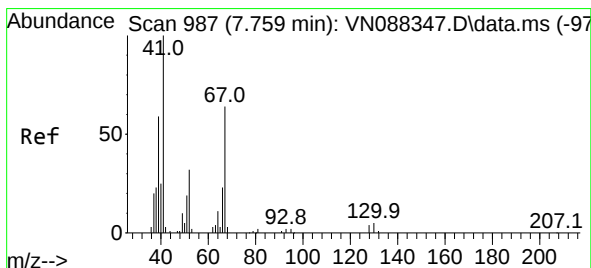
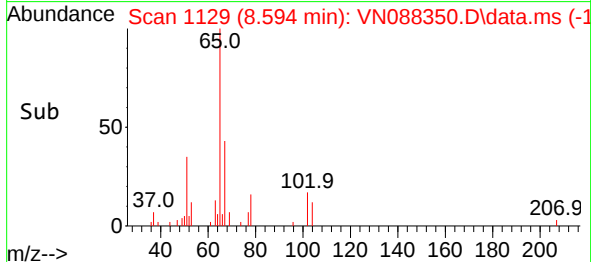
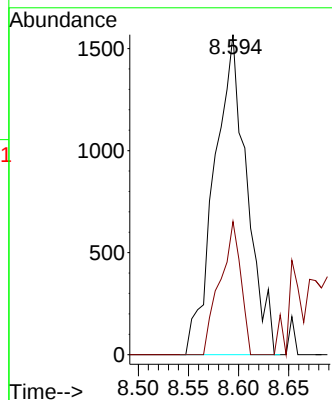
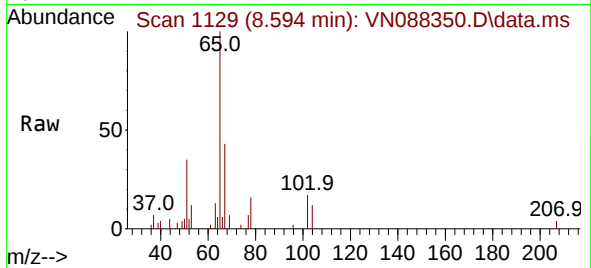
IBLK

Tgt Ion: 78 Resp: 3536

Ion Ratio Lower Upper

78 100

77 41.6 19.0 28.4#



#41

Methacrylonitrile

Concen: 0.246 ug/l

RT: 7.747 min Scan# 985

Delta R.T. -0.012 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Tgt Ion: 41 Resp: 698

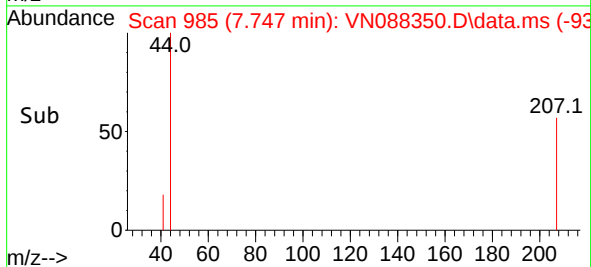
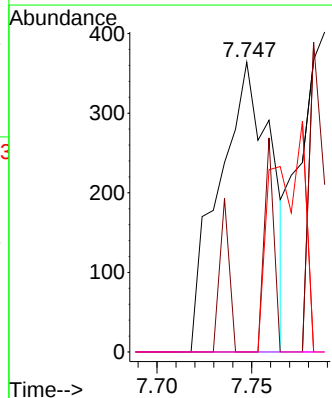
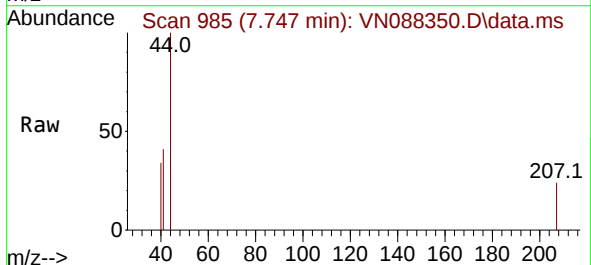
Ion Ratio Lower Upper

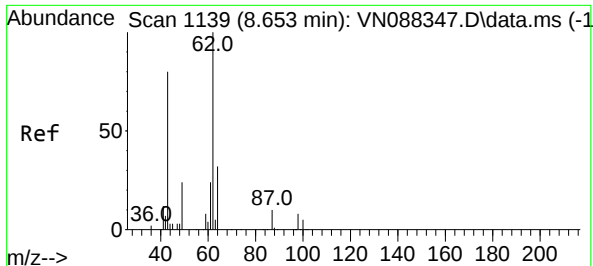
41 100

39 13.6 46.3 69.5#

67 0.0 54.7 82.1#

52 0.0 27.2 40.8#





#42

1,2-Dichloroethane

Concen: 0.445 ug/l

RT: 8.659 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

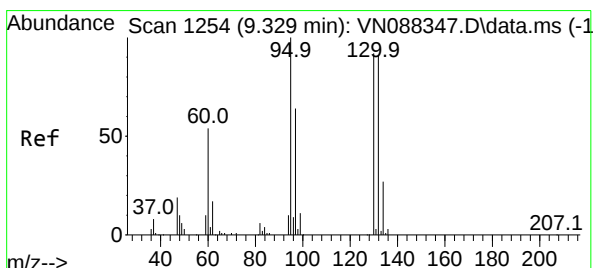
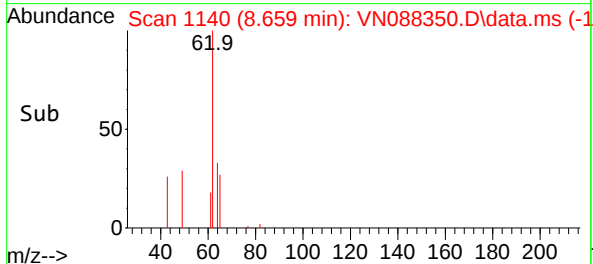
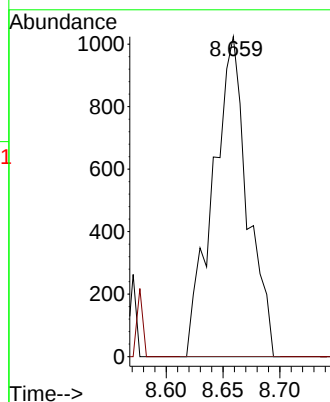
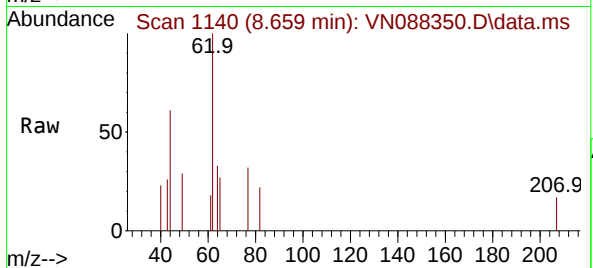
IBLK

Tgt Ion: 62 Resp: 2172

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.2



#44

Trichloroethene

Concen: 0.387 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088350.D

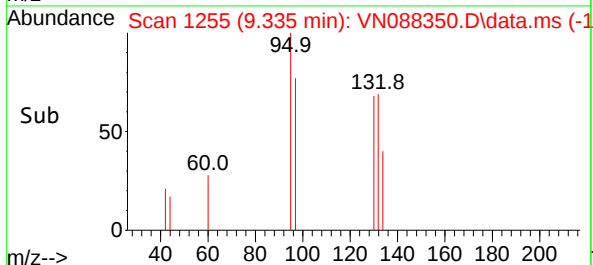
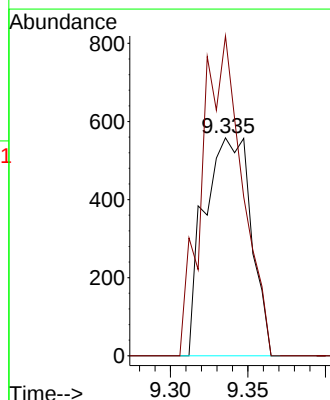
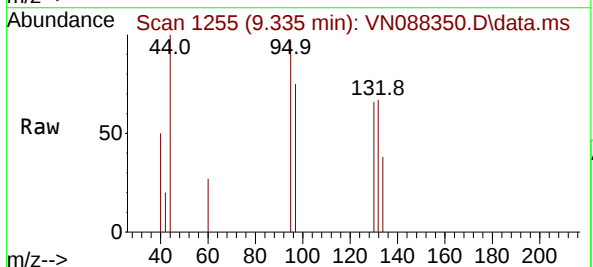
Acq: 24 Nov 2025 14:56

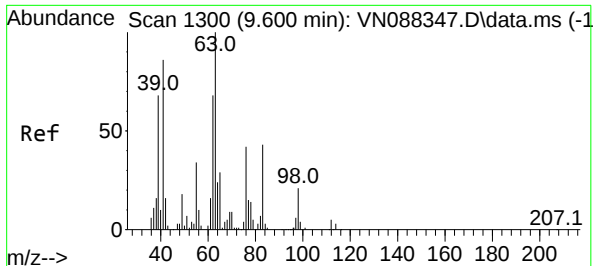
Tgt Ion: 130 Resp: 1170

Ion Ratio Lower Upper

130 100

95 146.8 0.0 217.0





#45

1,2-Dichloropropane

Concen: 0.215 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.012 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

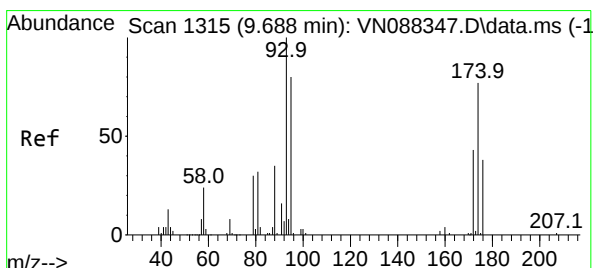
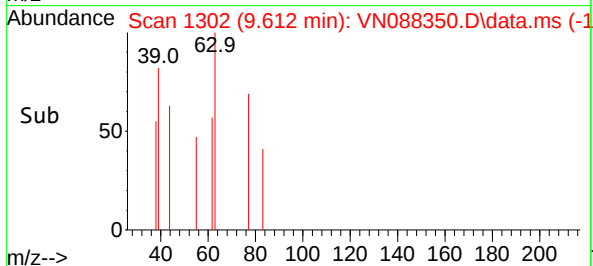
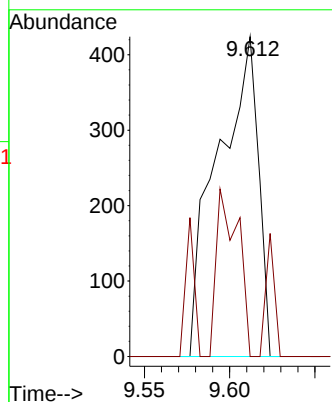
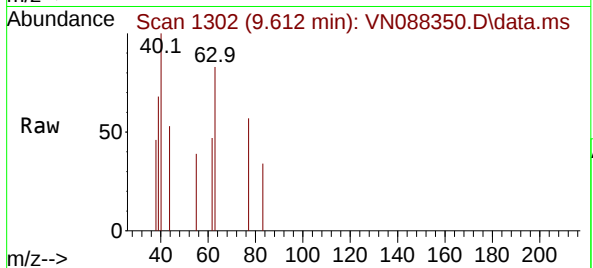
IBLK

Tgt Ion: 63 Resp: 704

Ion Ratio Lower Upper

63 100

65 0.0 23.0 34.4#



#46

Dibromomethane

Concen: 0.459 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

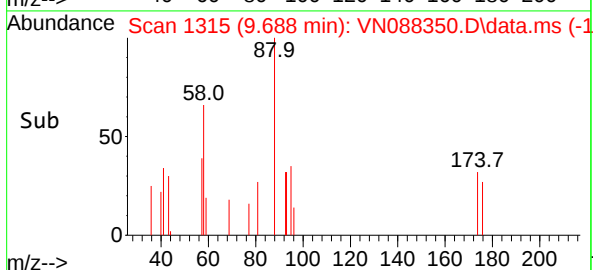
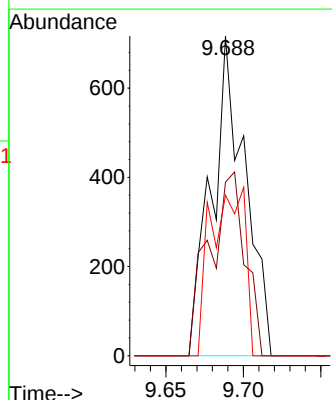
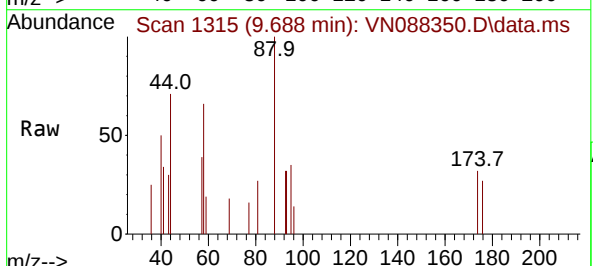
Tgt Ion: 93 Resp: 1074

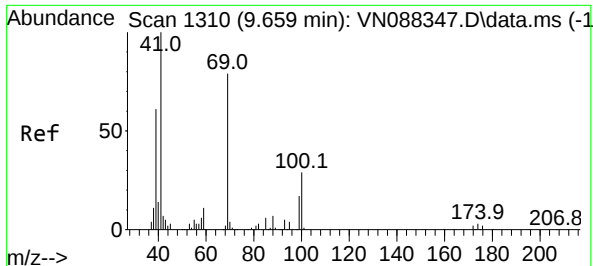
Ion Ratio Lower Upper

93 100

95 61.6 65.8 98.6#

174 54.0 64.3 96.5#





#48

Methyl methacrylate

Concen: 0.422 ug/l

RT: 9.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

IBLK

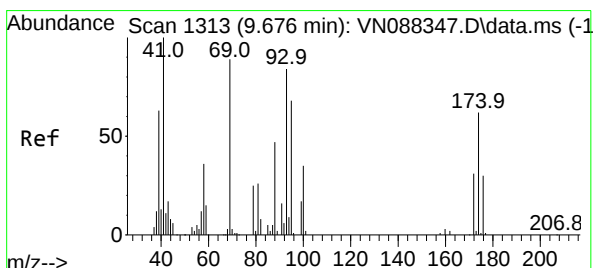
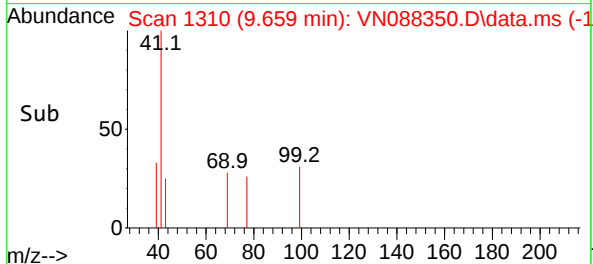
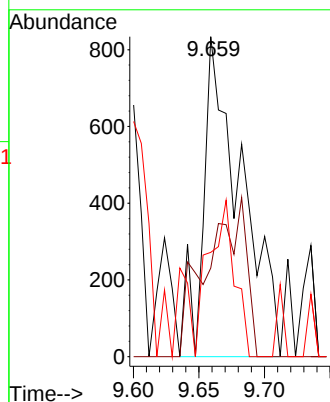
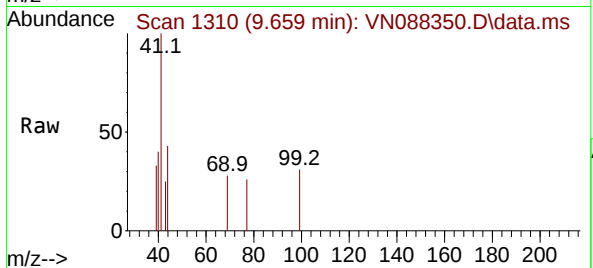
Tgt Ion: 41 Resp: 1685

Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 33.4 52.6 79.0#



#49

1,4-Dioxane

Concen: 47.984 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.012 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

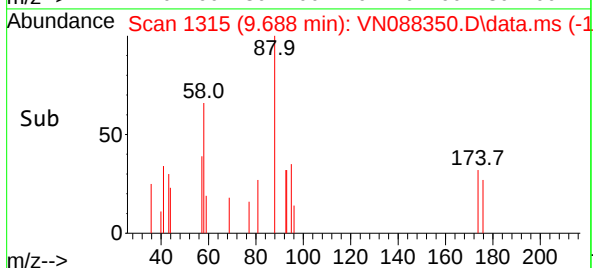
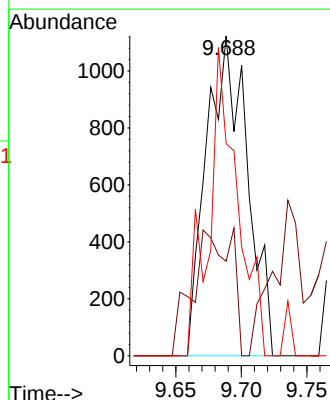
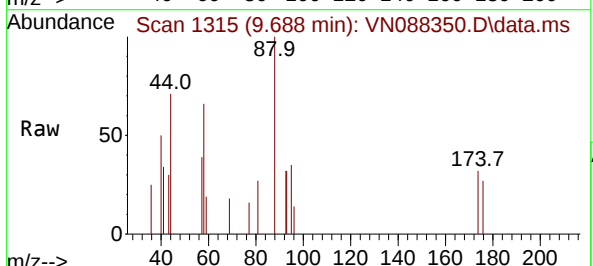
Tgt Ion: 88 Resp: 2438

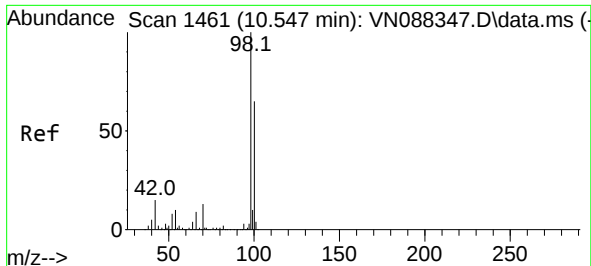
Ion Ratio Lower Upper

88 100

43 37.8 0.0 0.0#

58 67.9 62.0 93.0

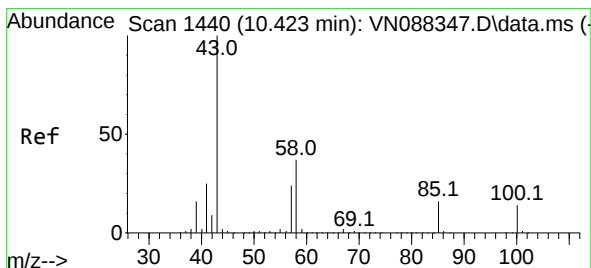
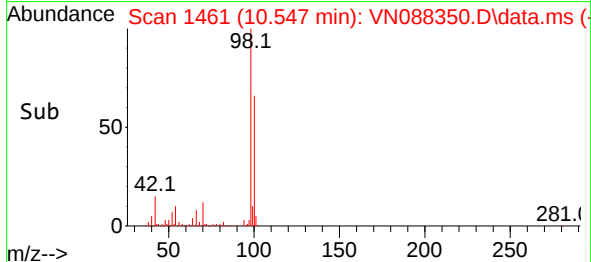
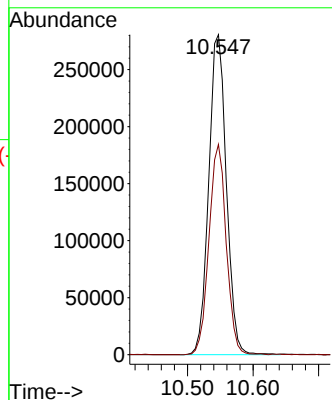
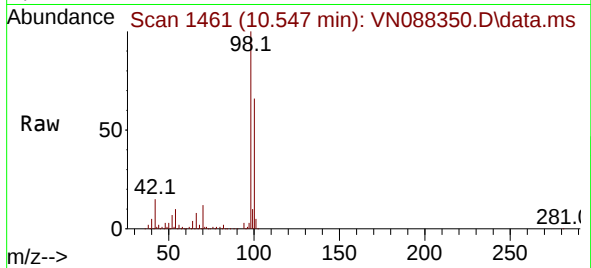




#50
Toluene-d8
Concen: 49.942 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

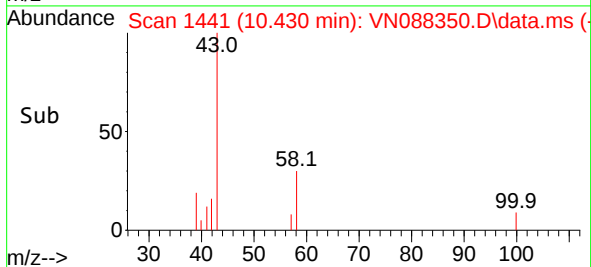
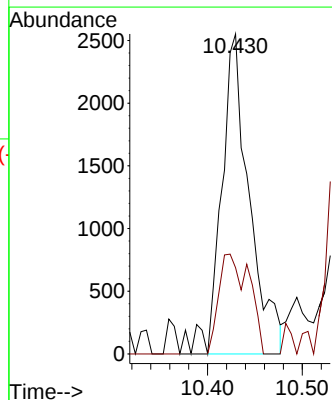
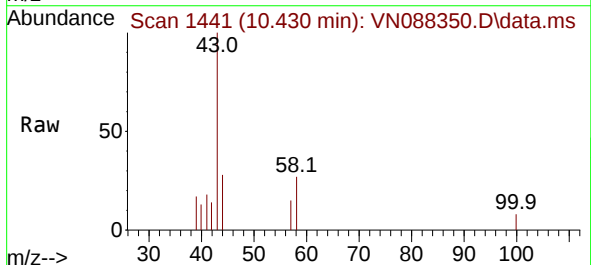
Instrument :
MSVOA_U
ClientSampleId :
IBLK

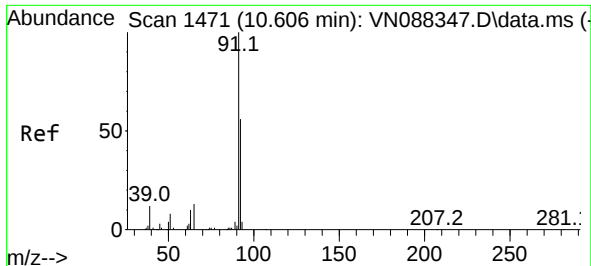
Tgt Ion: 98 Resp: 524787
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 43 Resp: 5272
Ion Ratio Lower Upper
43 100
58 33.7 29.1 43.7

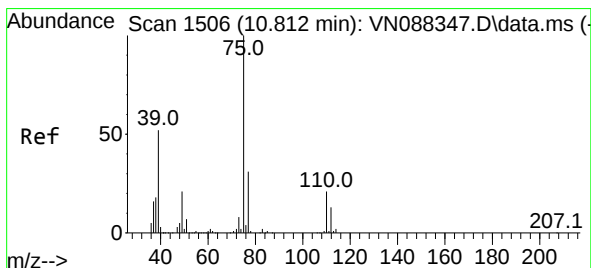
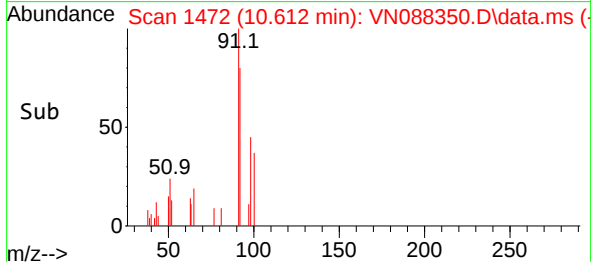
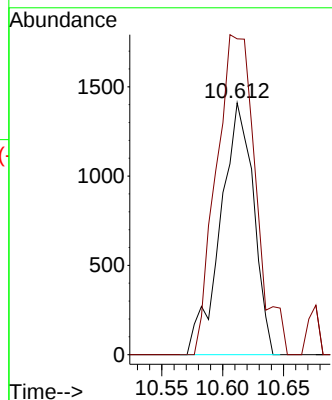
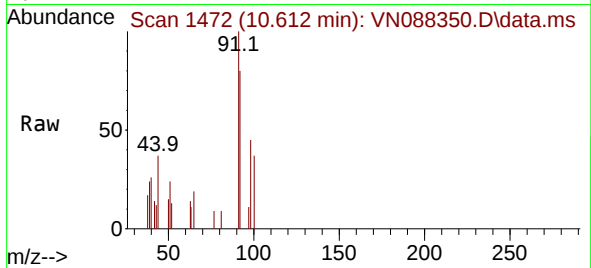




#52
Toluene
Concen: 0.360 ug/l
RT: 10.612 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

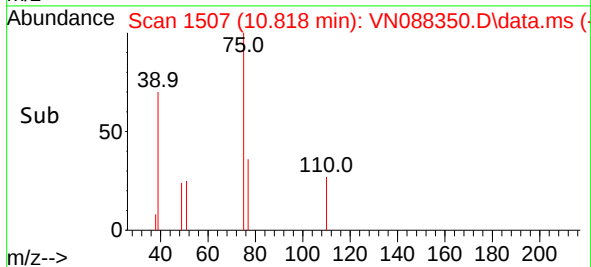
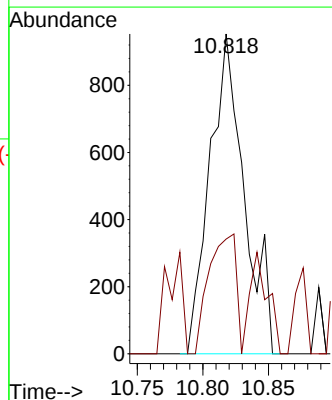
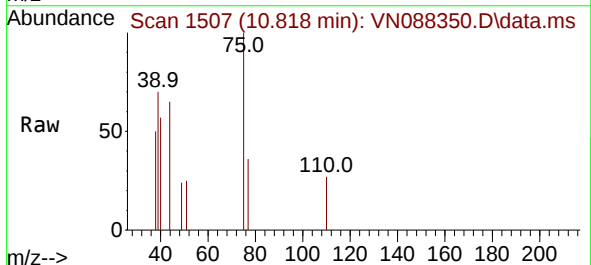
Instrument :
MSVOA_U
ClientSampleId :
IBLK

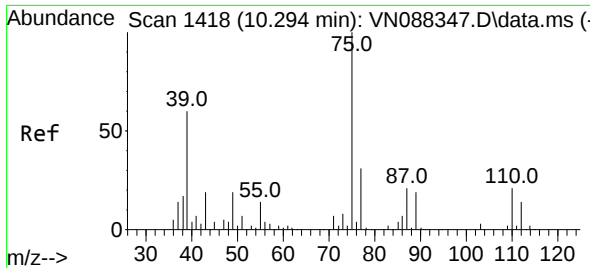
Tgt Ion: 92 Resp: 2661
Ion Ratio Lower Upper
92 100
91 151.7 140.2 210.2



#53
t-1,3-Dichloropropene
Concen: 0.355 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 75 Resp: 1738
Ion Ratio Lower Upper
75 100
77 35.9 24.8 37.2

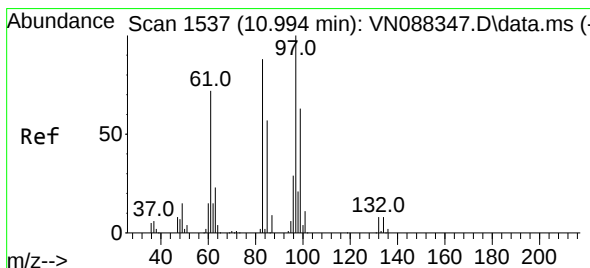
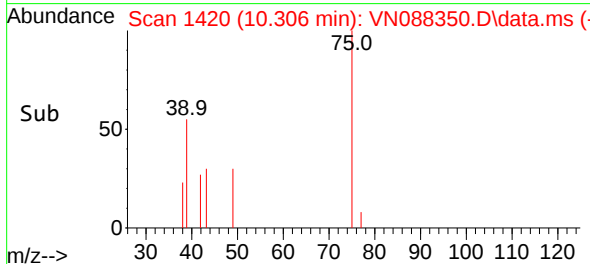
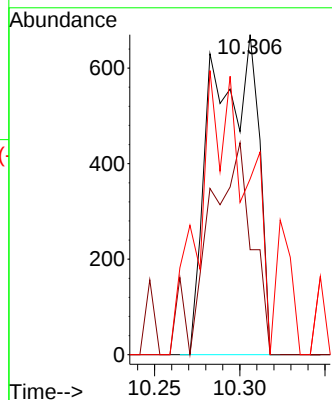
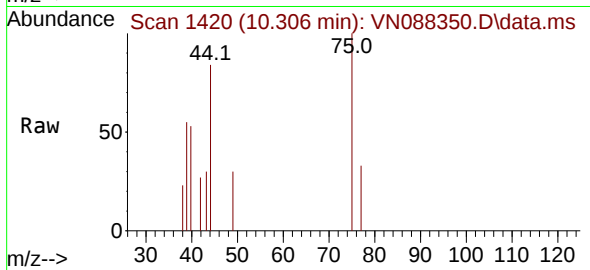




#54
 cis-1,3-Dichloropropene
 Concen: 0.243 ug/l
 RT: 10.306 min Scan# 1418
 Delta R.T. 0.012 min
 Lab File: VN088350.D
 Acq: 24 Nov 2025 14:56

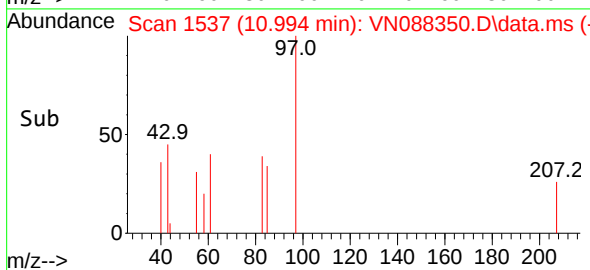
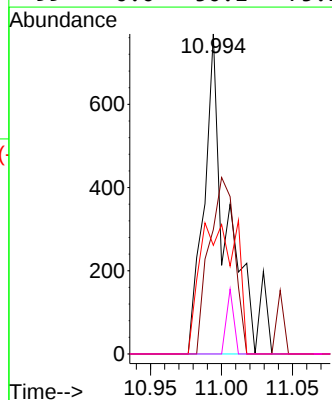
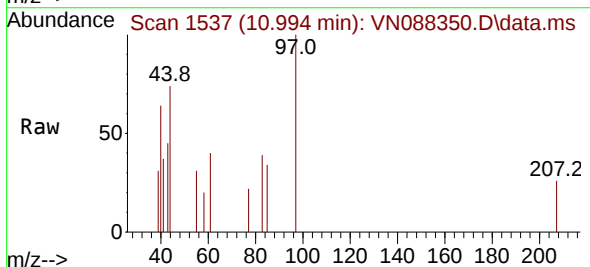
Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

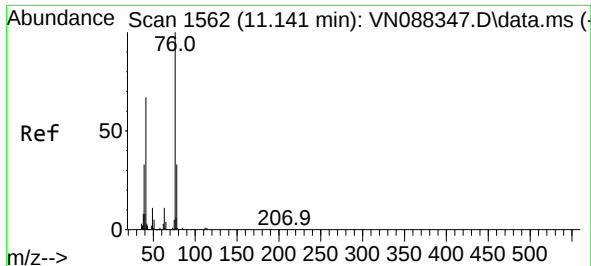
Tgt Ion: 75 Resp: 1251
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.5 36.7
 39 27.8 48.3 72.5#



#55
 1,1,2-Trichloroethane
 Concen: 0.315 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088350.D
 Acq: 24 Nov 2025 14:56

Tgt Ion: 97 Resp: 900
 Ion Ratio Lower Upper
 97 100
 83 38.9 70.4 105.6#
 85 33.9 45.4 68.2#
 99 0.0 50.1 75.1#





#57

1,3-Dichloropropane

Concen: 0.299 ug/l

RT: 11.147 min Scan# 1562

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

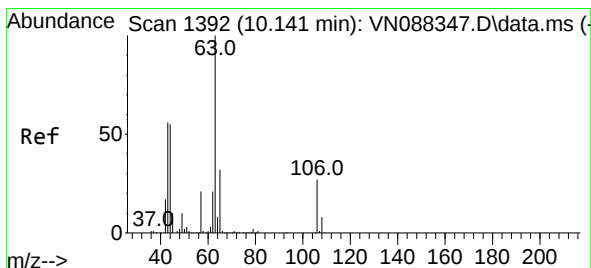
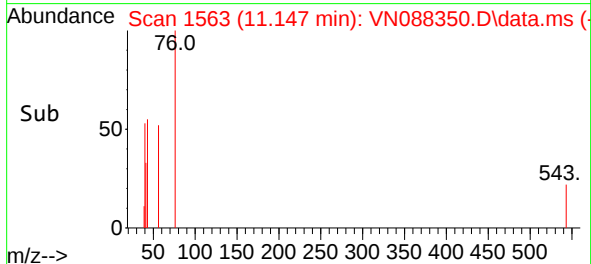
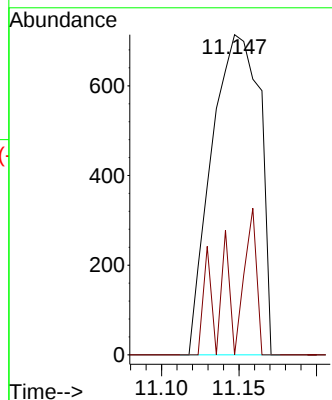
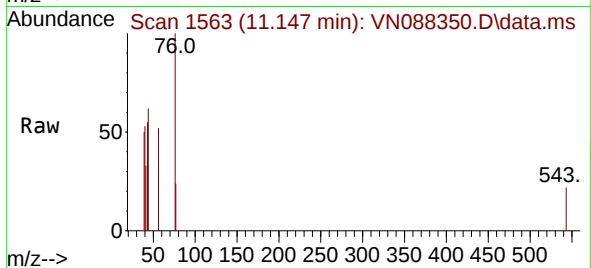
IBLK

Tgt Ion: 76 Resp: 1544

Ion Ratio Lower Upper

76 100

78 11.5 26.2 39.4#



#58

2-Chloroethyl Vinyl ether

Concen: 1.038 ug/l

RT: 10.147 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VN088350.D

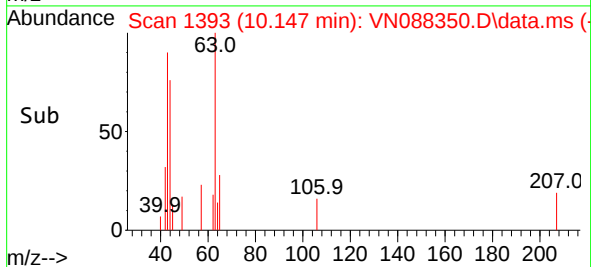
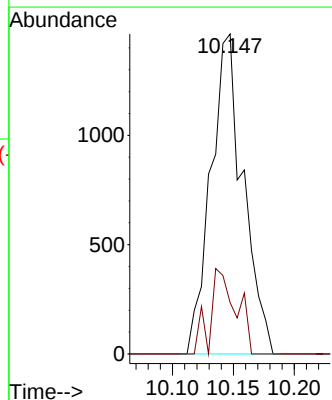
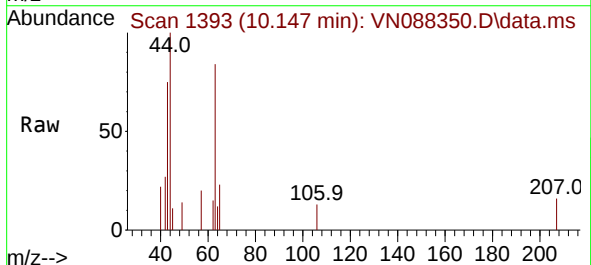
Acq: 24 Nov 2025 14:56

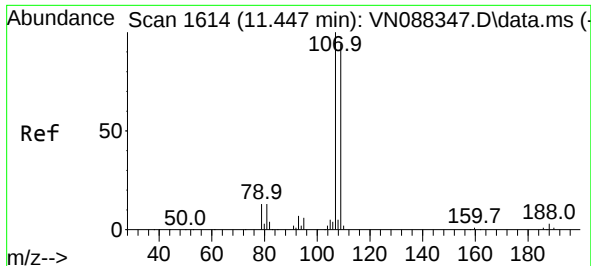
Tgt Ion: 63 Resp: 2702

Ion Ratio Lower Upper

63 100

106 21.5 20.5 30.7

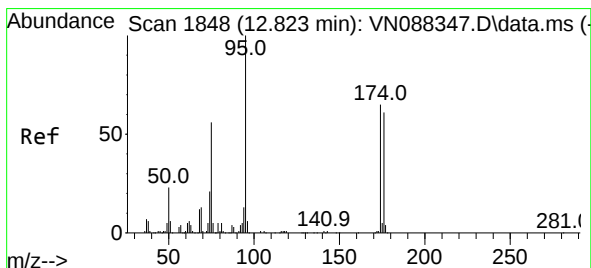
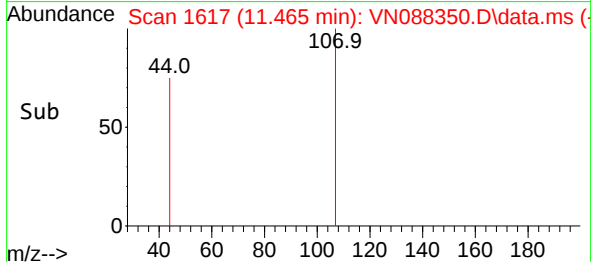
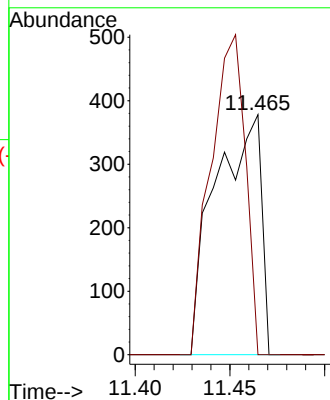
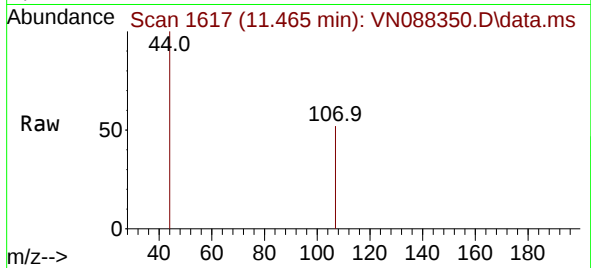




#61
1,2-Dibromoethane
Concen: 0.219 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.018 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

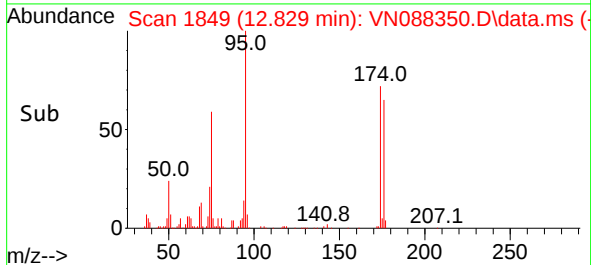
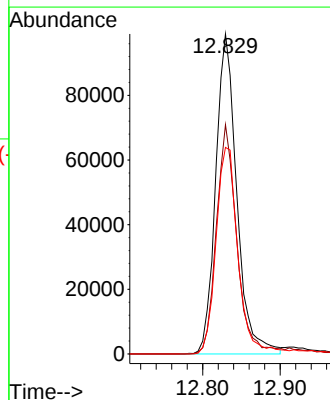
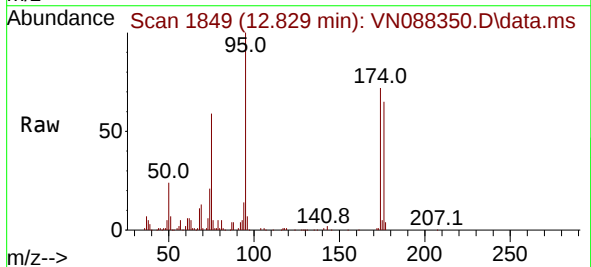
Instrument :
MSVOA_U
ClientSampleId :
IBLK

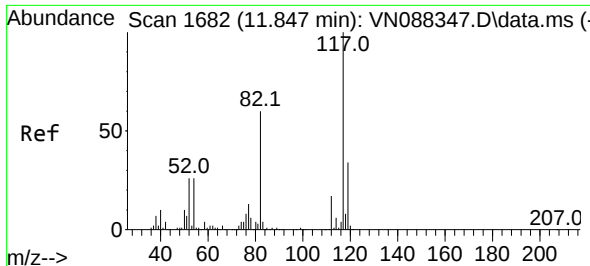
Tgt Ion:107 Resp: 634
Ion Ratio Lower Upper
107 100
109 100.9 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 52.023 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 95 Resp: 187569
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.0
176 67.1 0.0 132.4

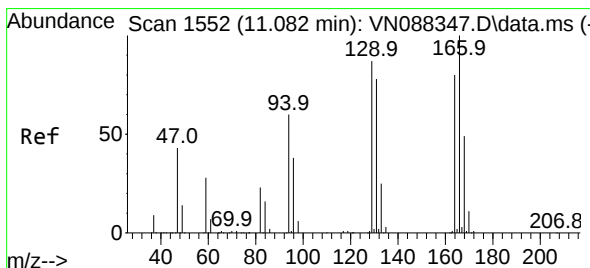
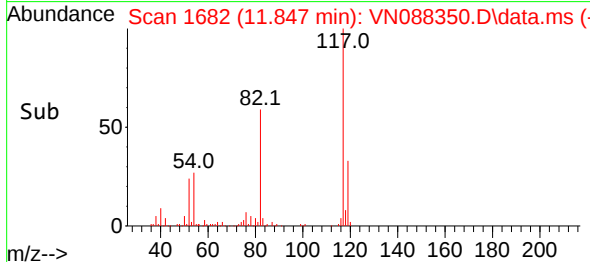
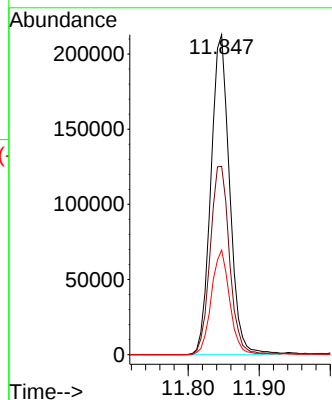
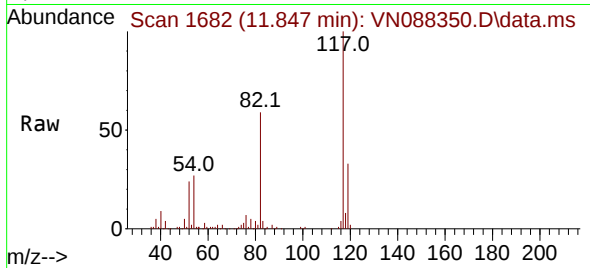




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

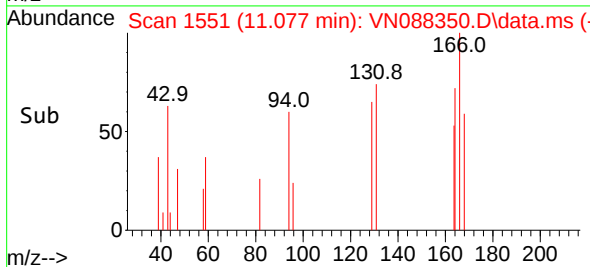
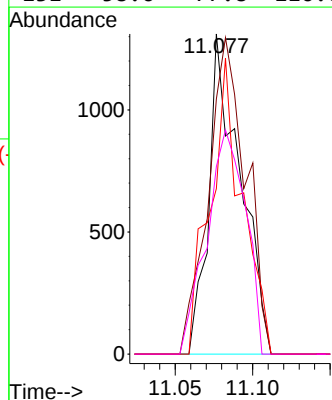
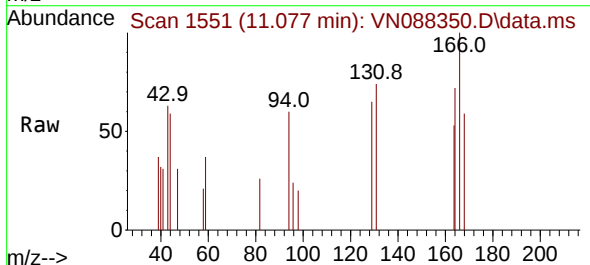
Instrument :
MSVOA_U
ClientSampleId :
IBLK

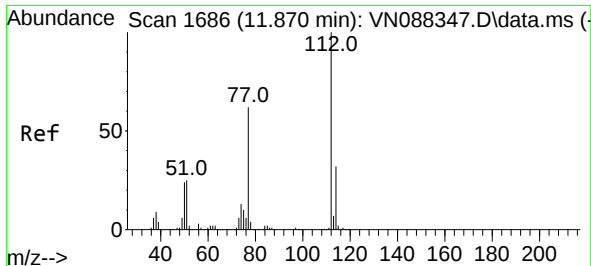
Tgt Ion:117 Resp: 390169
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 32.7 26.9 40.3



#64
Tetrachloroethene
Concen: 0.596 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion:164 Resp: 1843
Ion Ratio Lower Upper
164 100
166 79.6 99.6 149.4#
129 51.6 86.6 129.8#
131 58.6 77.8 116.6#

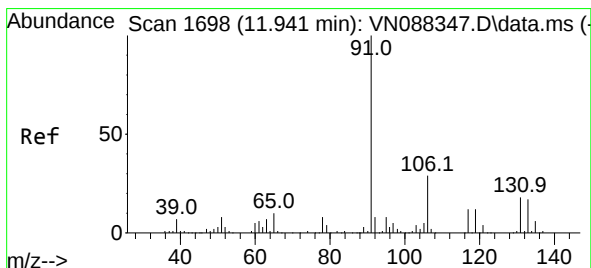
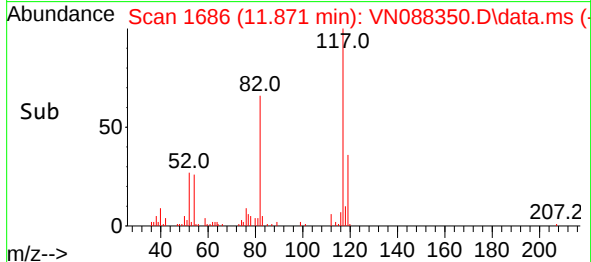
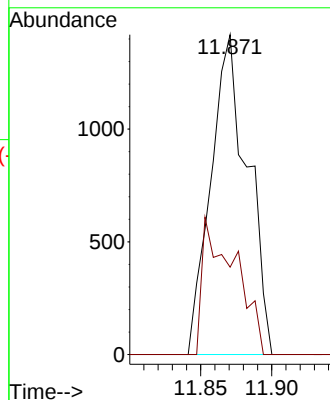
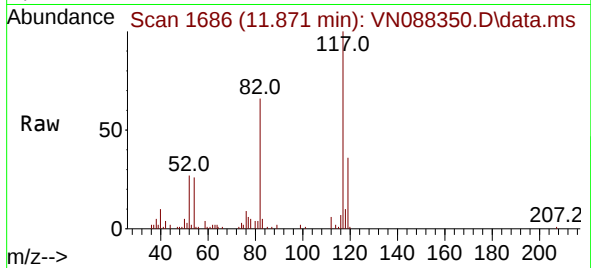




#65
Chlorobenzene
Concen: 0.291 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

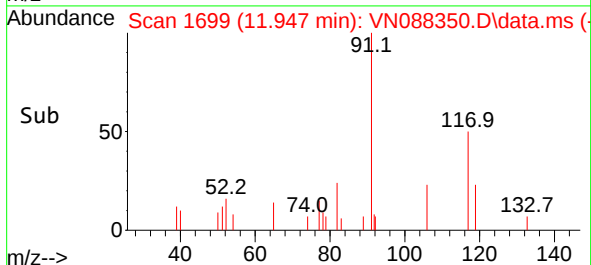
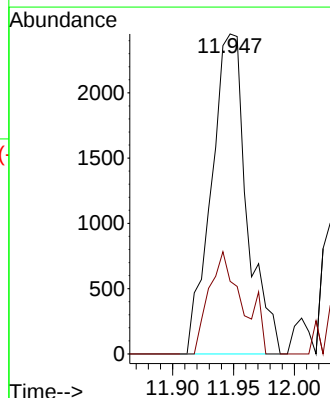
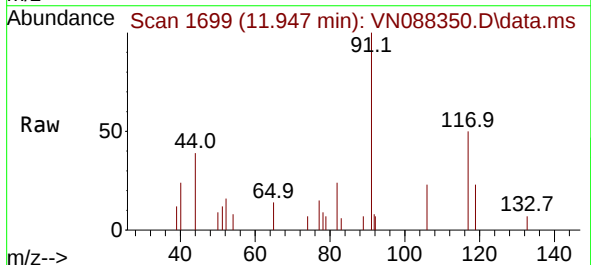
Instrument :
MSVOA_U
ClientSampleId :
IBLK

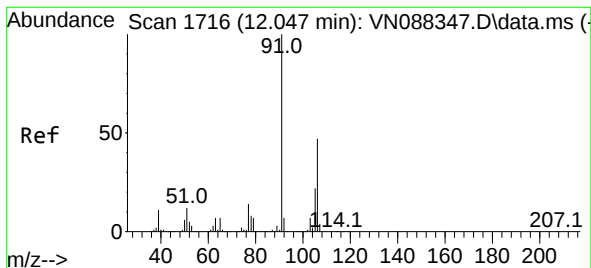
Tgt Ion:112 Resp: 2554
Ion Ratio Lower Upper
112 100
114 27.3 25.4 38.2



#67
Ethyl Benzene
Concen: 0.326 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 91 Resp: 4995
Ion Ratio Lower Upper
91 100
106 22.7 23.6 35.4#

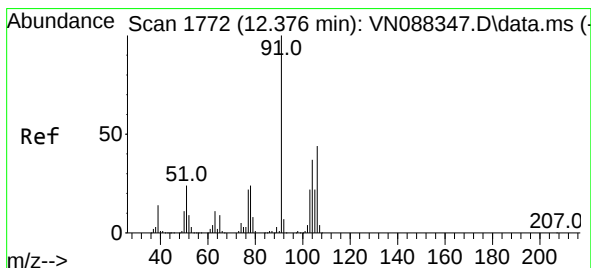
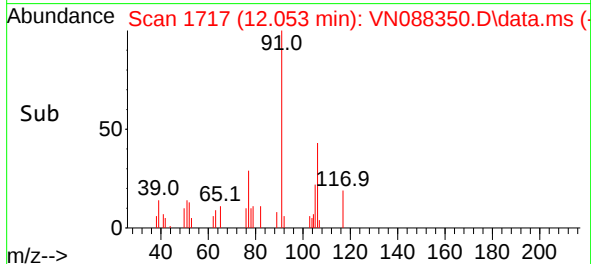
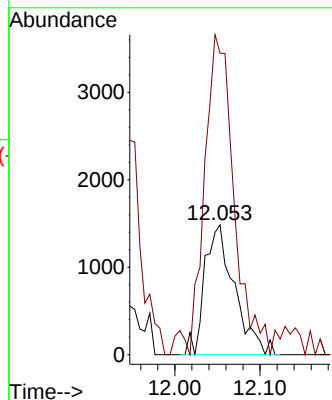
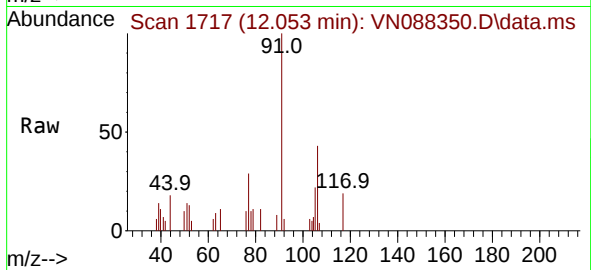




#68
m/p-Xylenes
Concen: 0.634 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

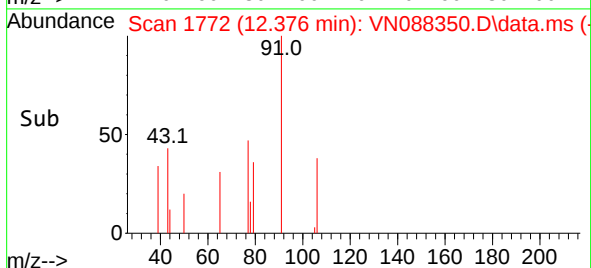
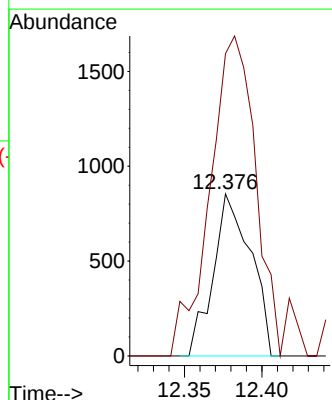
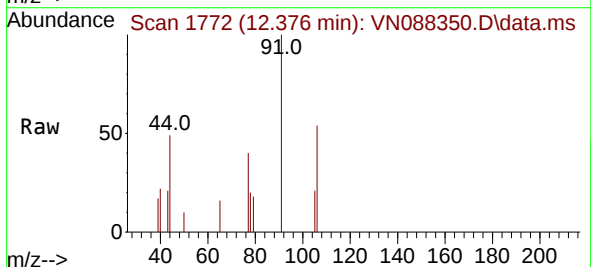
Instrument :
MSVOA_U
ClientSampleId :
IBLK

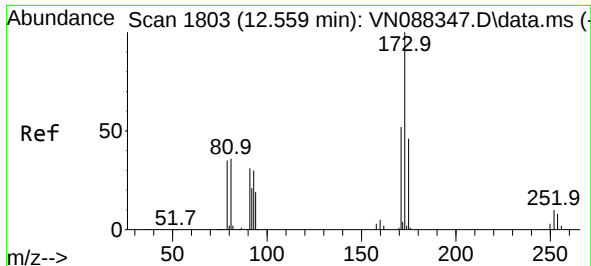
Tgt Ion:106 Resp: 3600
Ion Ratio Lower Upper
106 100
91 246.4 167.8 251.6



#69
o-Xylene
Concen: 0.266 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion:106 Resp: 1438
Ion Ratio Lower Upper
106 100
91 250.3 112.9 338.7

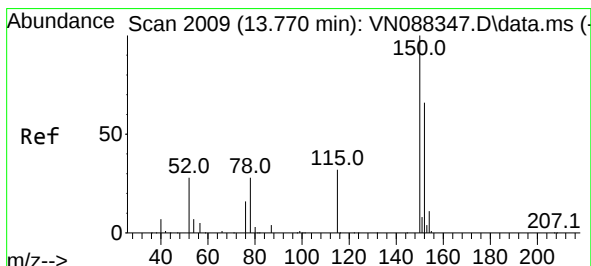
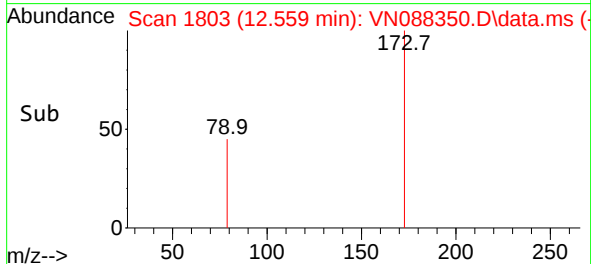
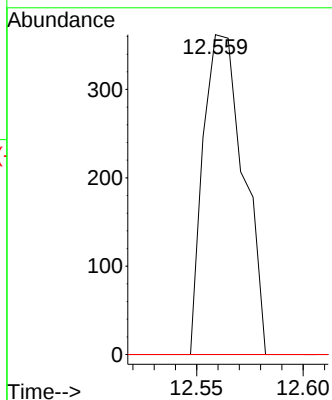
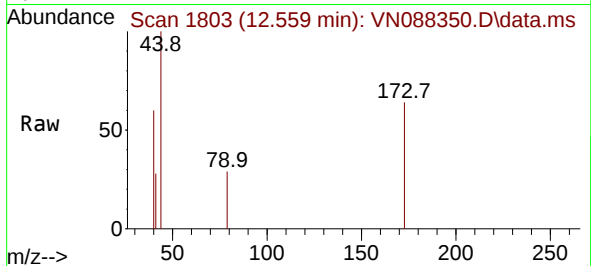




#71
Bromoform
Concen: 0.220 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

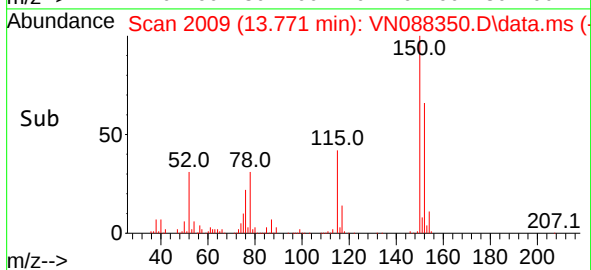
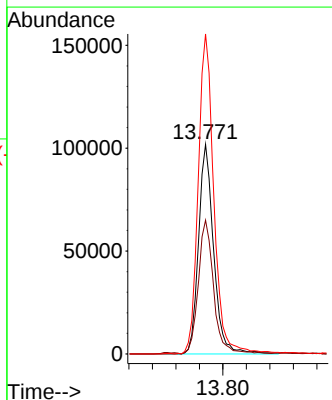
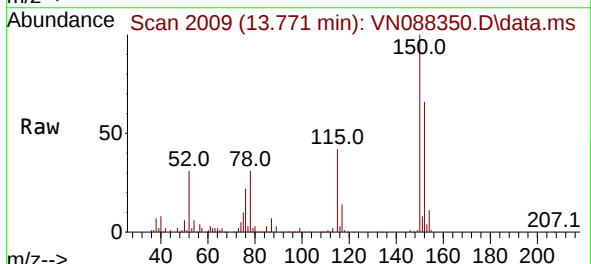
Instrument :
MSVOA_U
ClientSampleId :
IBLK

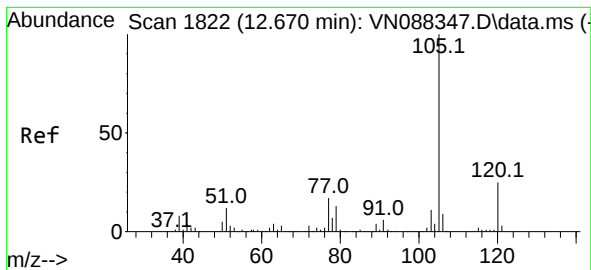
Tgt Ion:173 Resp: 477
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion:152 Resp: 181766
Ion Ratio Lower Upper
152 100
115 64.8 33.0 98.9
150 158.1 0.0 349.0





#73

Isopropylbenzene

Concen: 0.419 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

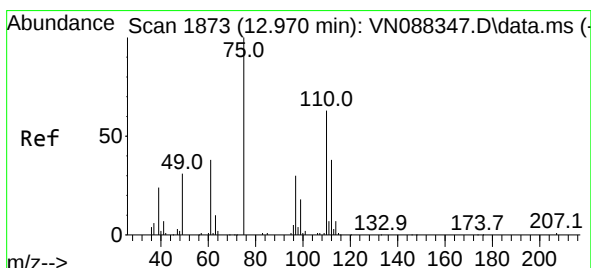
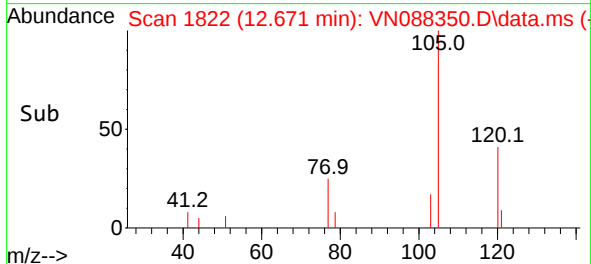
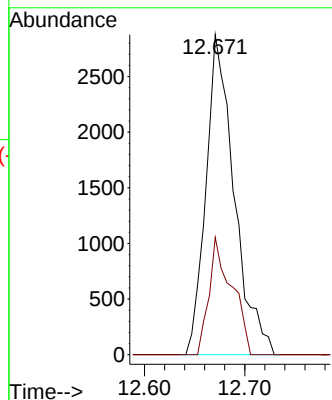
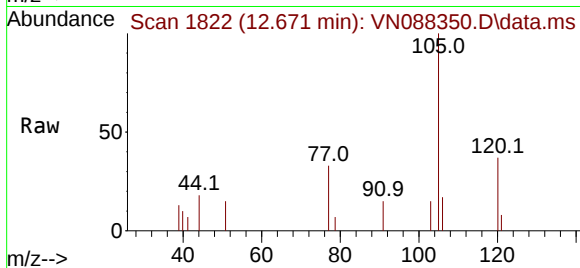
IBLK

Tgt Ion:105 Resp: 5633

Ion Ratio Lower Upper

105 100

120 29.6 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 26.704 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN088350.D

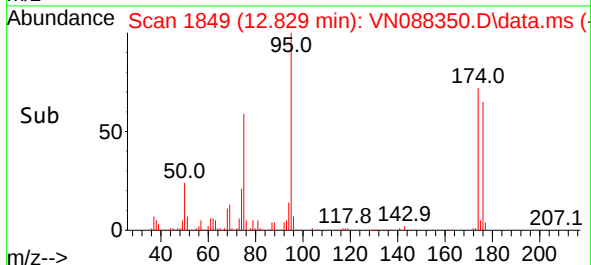
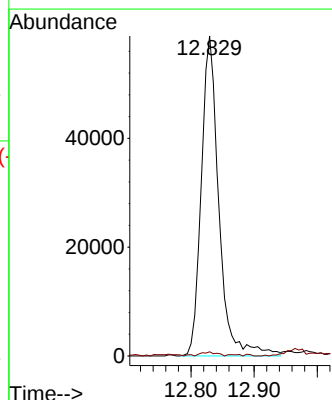
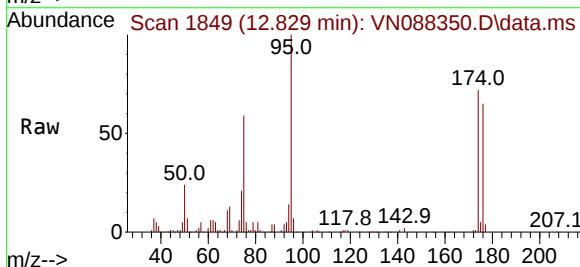
Acq: 24 Nov 2025 14:56

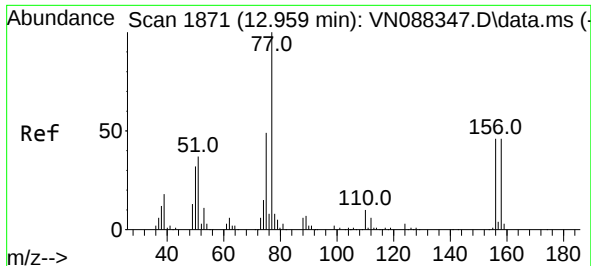
Tgt Ion: 75 Resp: 113688

Ion Ratio Lower Upper

75 100

77 1.2 87.2 261.6#

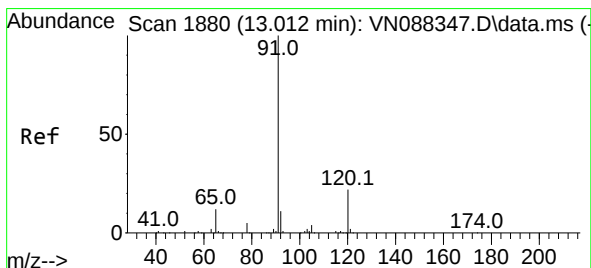
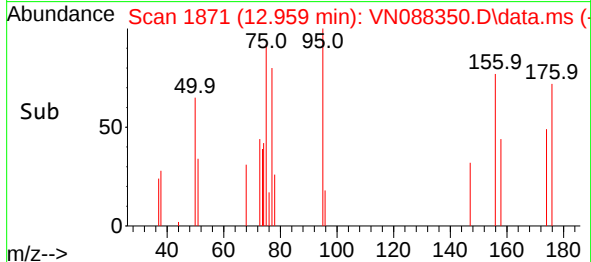
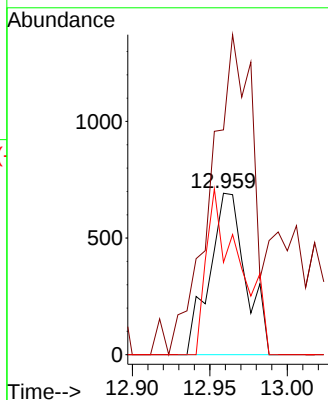
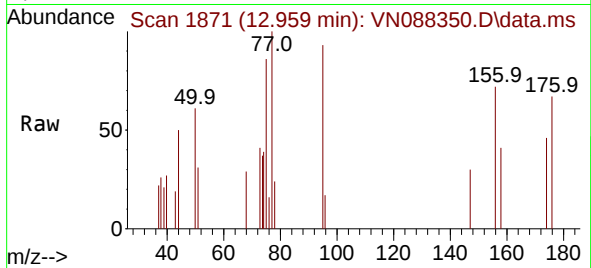




#77
Bromobenzene
Concen: 0.366 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

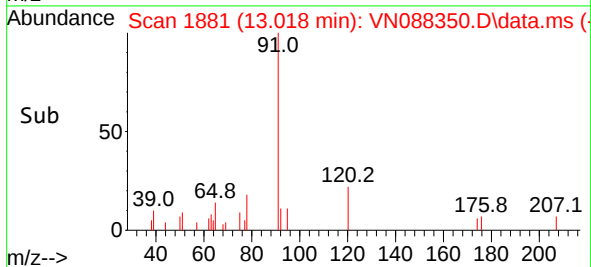
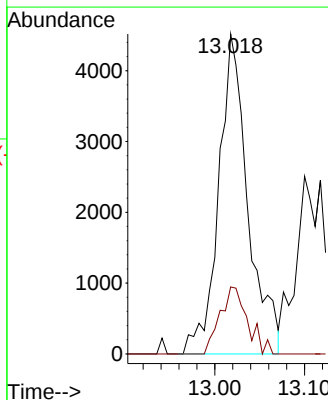
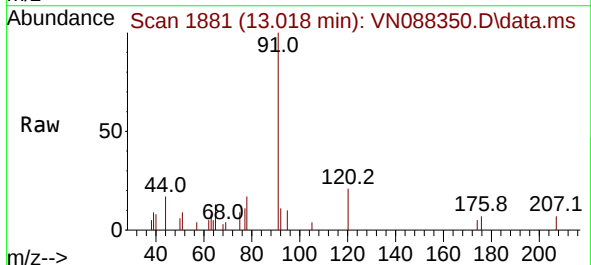
Instrument :
MSVOA_U
ClientSampleId :
IBLK

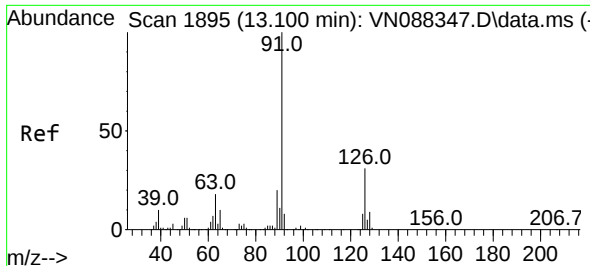
Tgt Ion:156 Resp: 1124
Ion Ratio Lower Upper
156 100
77 246.2 121.6 364.7
158 94.0 48.6 145.8



#78
n-propylbenzene
Concen: 0.624 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 91 Resp: 10267
Ion Ratio Lower Upper
91 100
120 19.6 10.9 32.6

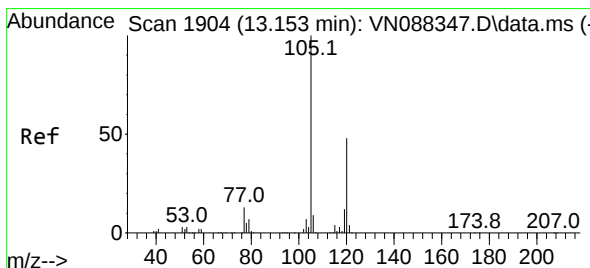
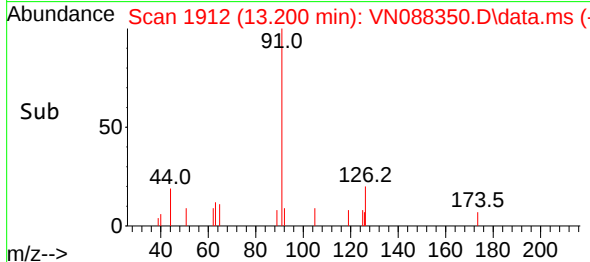
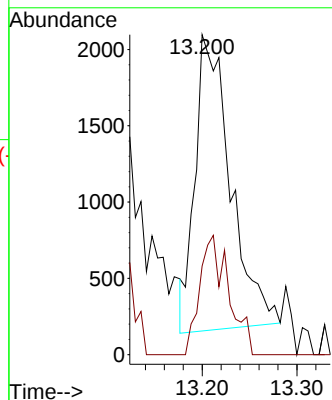
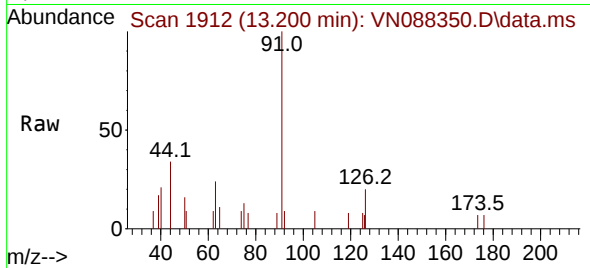




#79
2-Chlorotoluene
Concen: 0.498 ug/l
RT: 13.200 min Scan# 1895
Delta R.T. 0.100 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

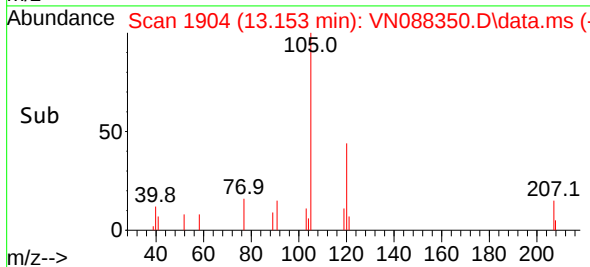
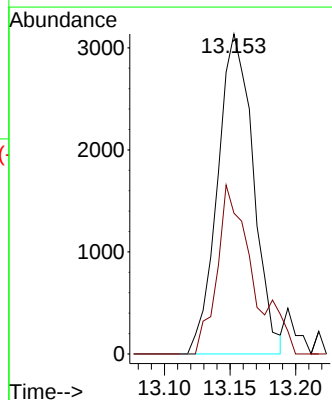
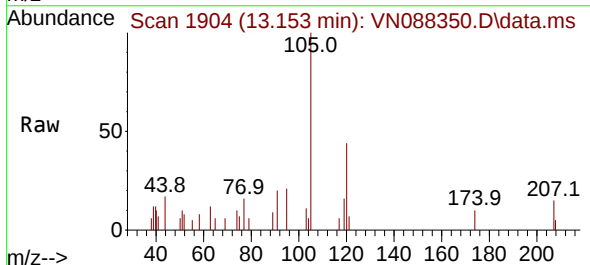
Instrument :
MSVOA_U
ClientSampleId :
IBLK

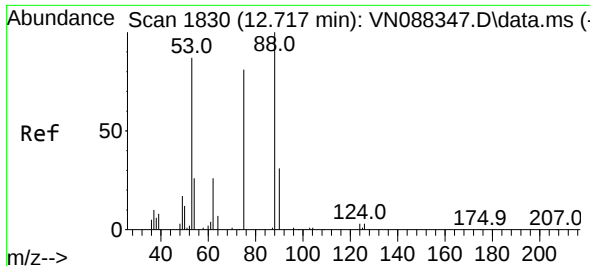
Tgt Ion: 91 Resp: 4997
Ion Ratio Lower Upper
91 100
126 33.2 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 0.533 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 105 Resp: 5940
Ion Ratio Lower Upper
105 100
120 52.6 23.8 71.5

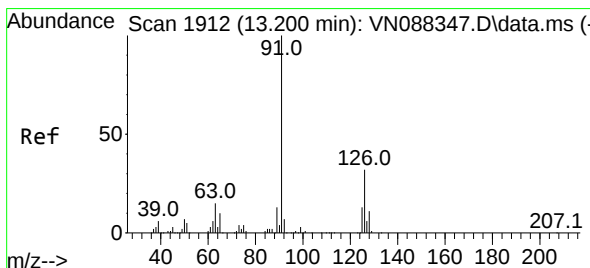
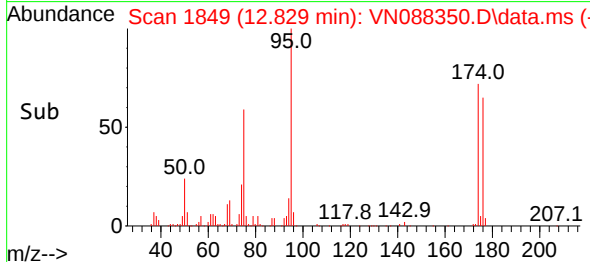
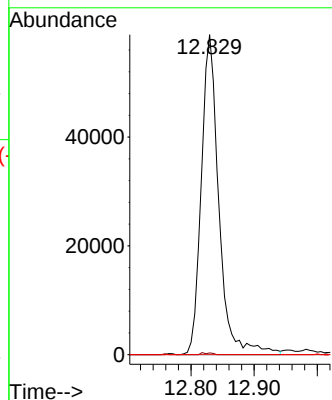
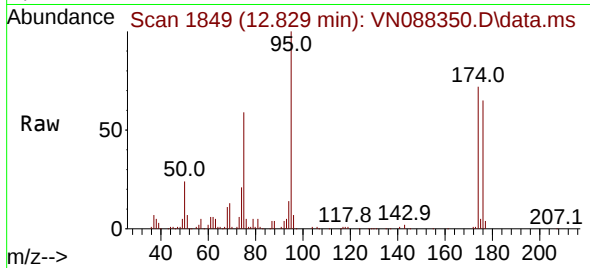




#81
trans-1,4-Dichloro-2-butene
Concen: 75.759 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

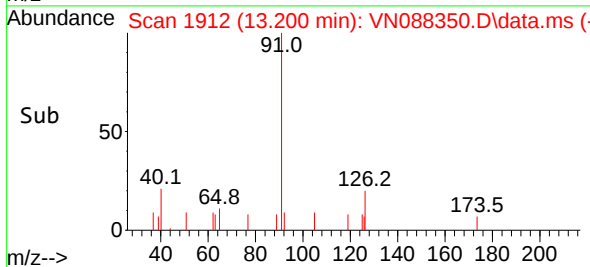
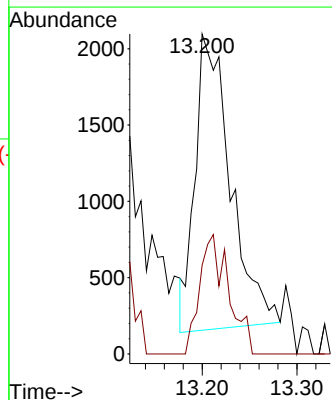
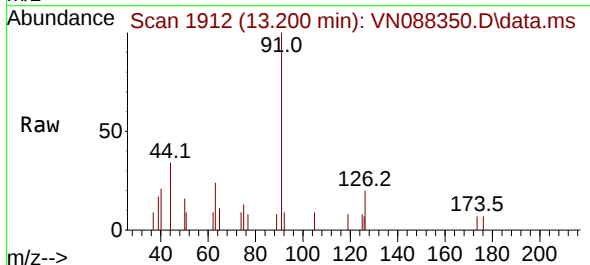
Instrument :
MSVOA_U
ClientSampleId :
IBLK

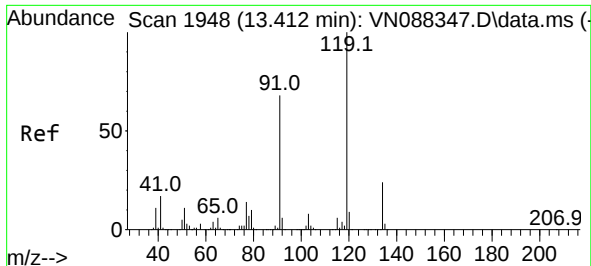
Tgt Ion: 75 Resp: 113688
Ion Ratio Lower Upper
75 100
53 0.3 92.2 138.4#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 0.501 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 91 Resp: 4997
Ion Ratio Lower Upper
91 100
126 33.2 15.6 46.7

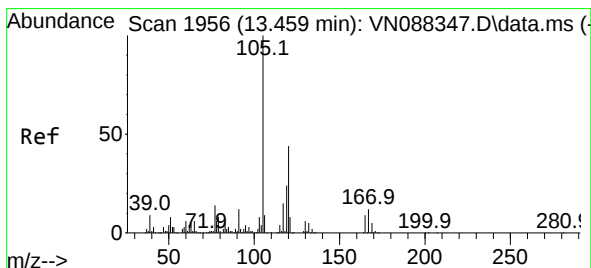
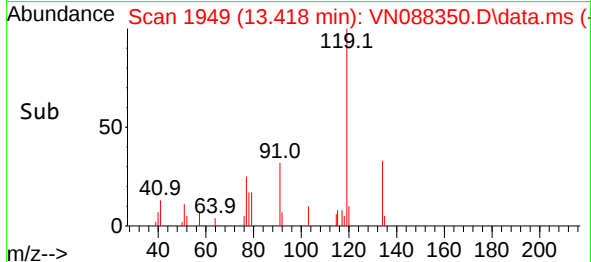
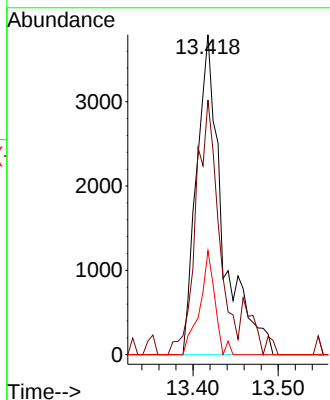
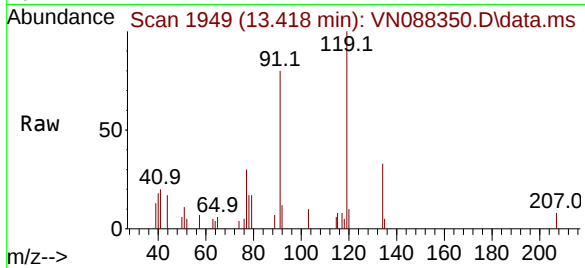




#83
tert-Butylbenzene
Concen: 0.850 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

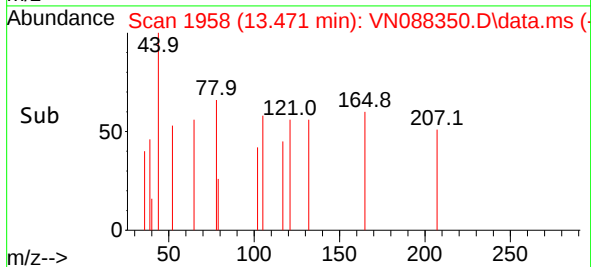
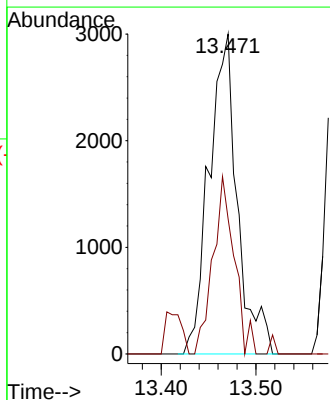
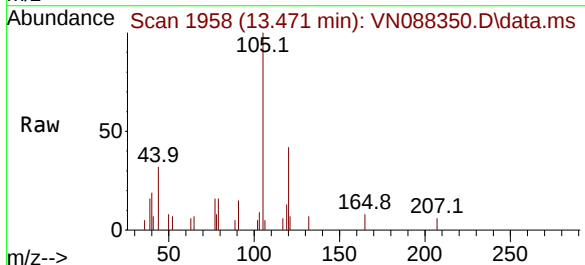
Instrument :
MSVOA_U
ClientSampleId :
IBLK

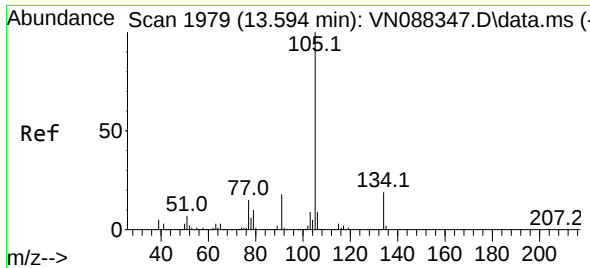
Tgt Ion:119 Resp: 8050
Ion Ratio Lower Upper
119 100
91 69.5 35.1 105.3
134 19.0 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 0.563 ug/l
RT: 13.471 min Scan# 1958
Delta R.T. 0.012 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion:105 Resp: 6233
Ion Ratio Lower Upper
105 100
120 41.7 22.1 66.1

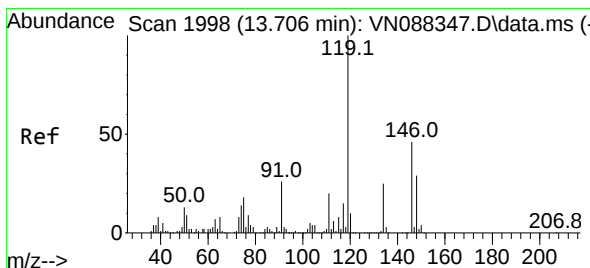
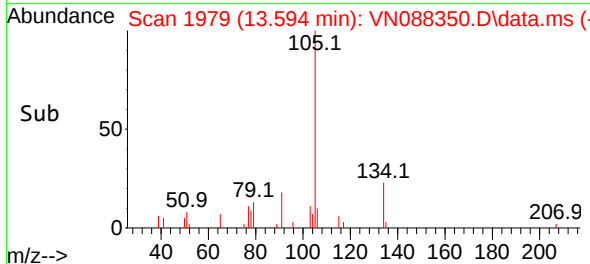
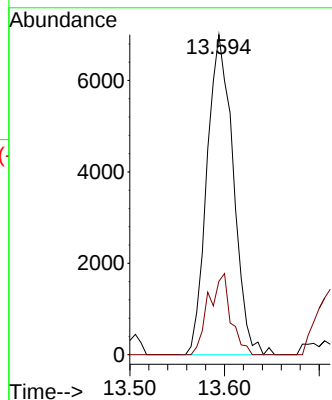
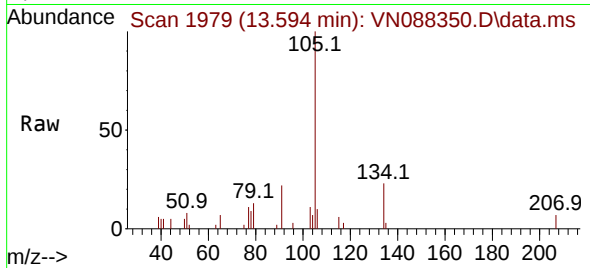




#85
 sec-Butylbenzene
 Concen: 0.992 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088350.D
 Acq: 24 Nov 2025 14:56

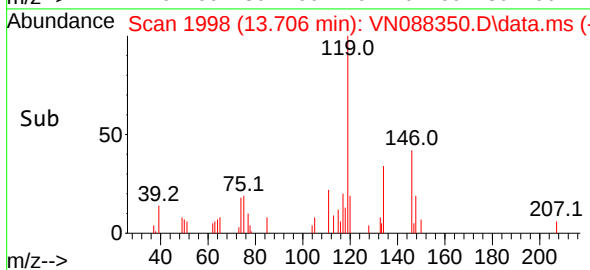
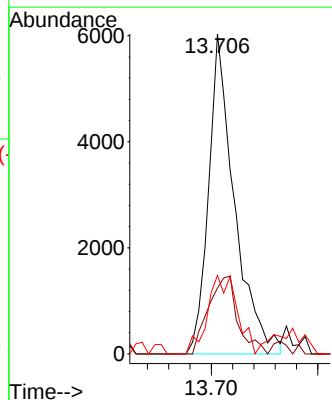
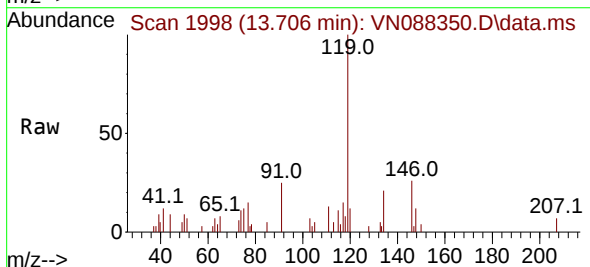
Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

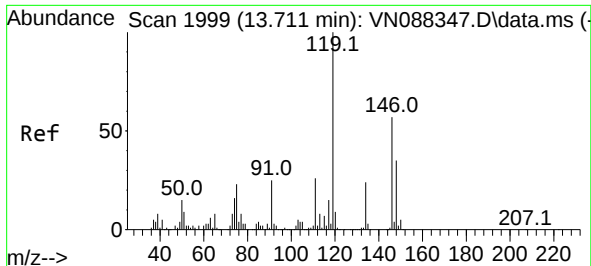
Tgt Ion:105 Resp: 13487
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 0.911 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088350.D
 Acq: 24 Nov 2025 14:56

Tgt Ion:119 Resp: 10161
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.2 36.6
 91 28.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 0.661 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

IBLK

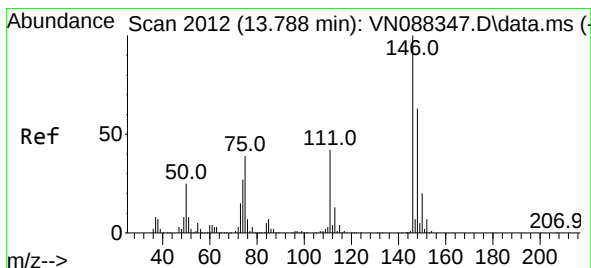
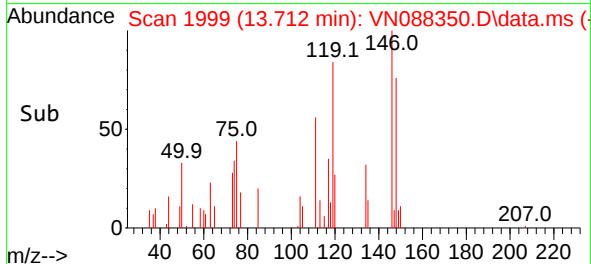
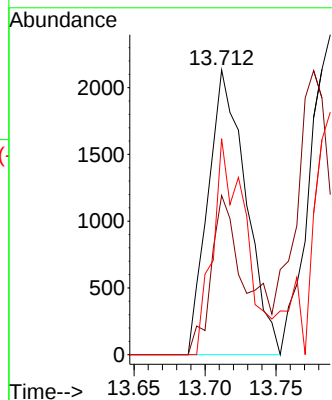
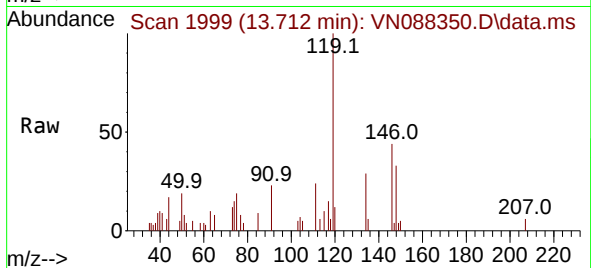
Tgt Ion:146 Resp: 3958

Ion Ratio Lower Upper

146 100

111 51.6 22.4 67.0

148 65.9 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 0.631 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.076 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

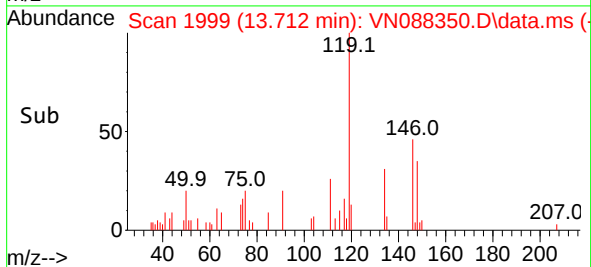
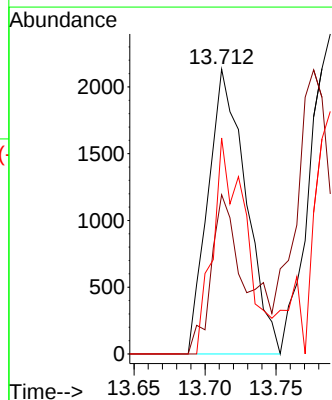
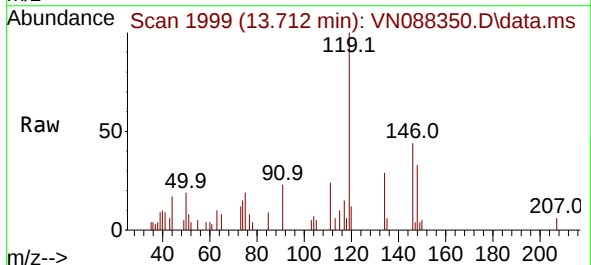
Tgt Ion:146 Resp: 3958

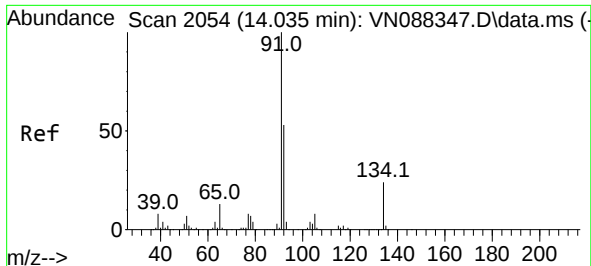
Ion Ratio Lower Upper

146 100

111 51.6 21.6 64.6

148 65.9 31.0 93.0

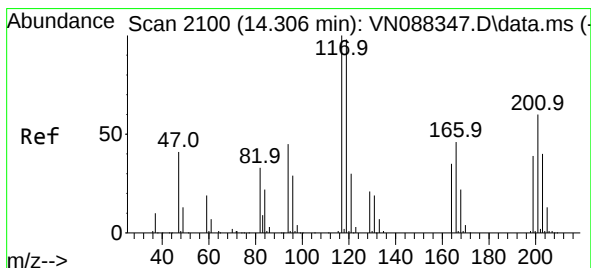
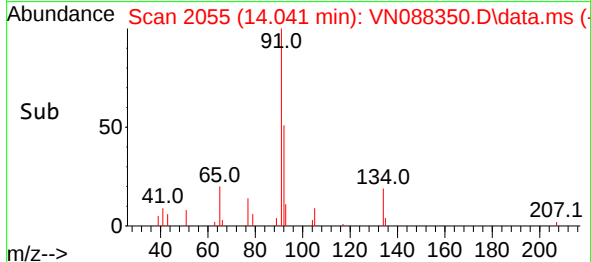
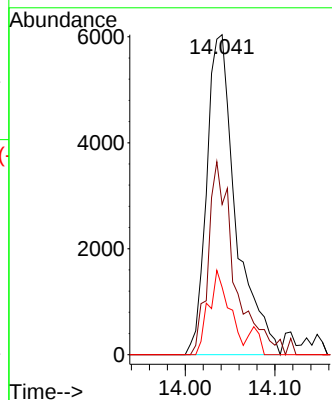
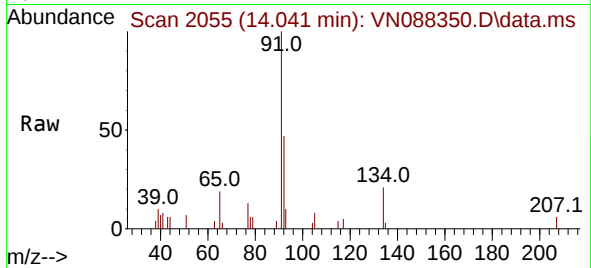




#89
n-Butylbenzene
Concen: 1.259 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

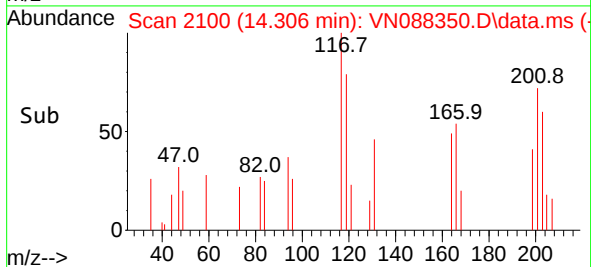
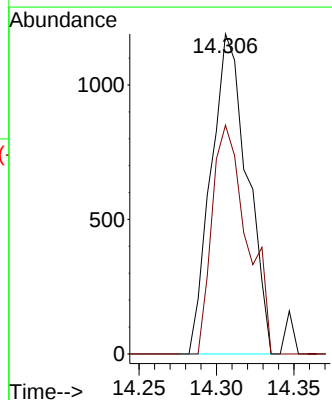
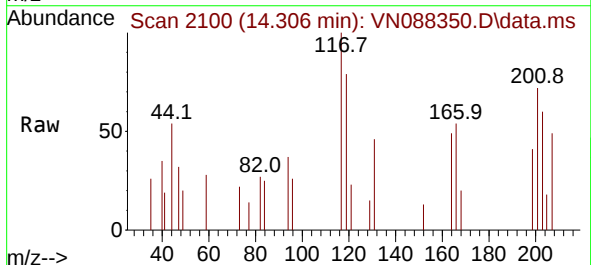
Instrument :
MSVOA_U
ClientSampleId :
IBLK

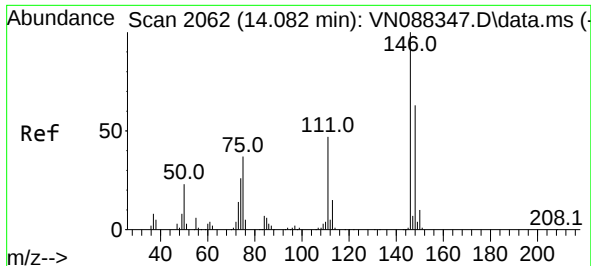
Tgt Ion: 91 Resp: 13635
Ion Ratio Lower Upper
91 100
92 55.5 26.1 78.3
134 18.8 11.7 35.1



#90
Hexachloroethane
Concen: 0.948 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion: 117 Resp: 1932
Ion Ratio Lower Upper
117 100
201 69.0 30.3 90.9





#91

1,2-Dichlorobenzene

Concen: 0.574 ug/l

RT: 14.088 min Scan# 2062

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

IBLK

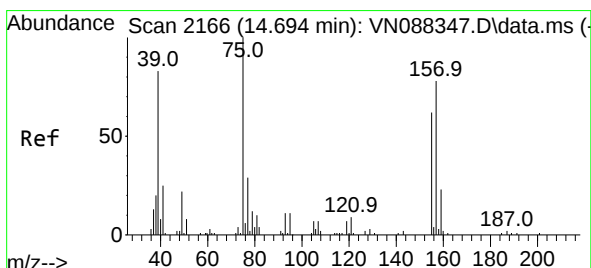
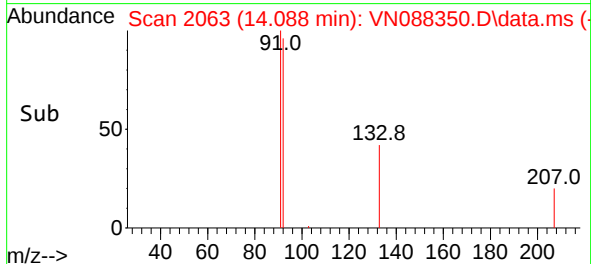
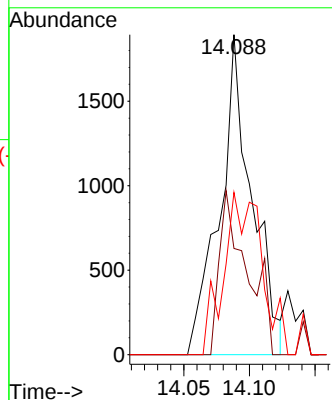
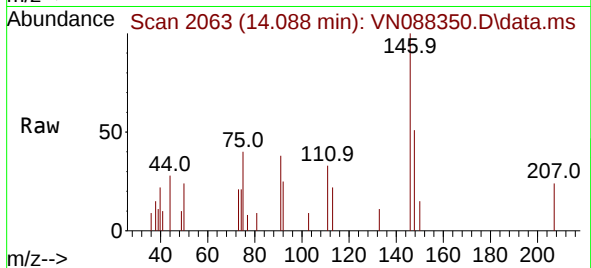
Tgt Ion:146 Resp: 3233

Ion Ratio Lower Upper

146 100

111 44.6 23.3 69.9

148 60.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.529 ug/l

RT: 14.706 min Scan# 2168

Delta R.T. 0.012 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

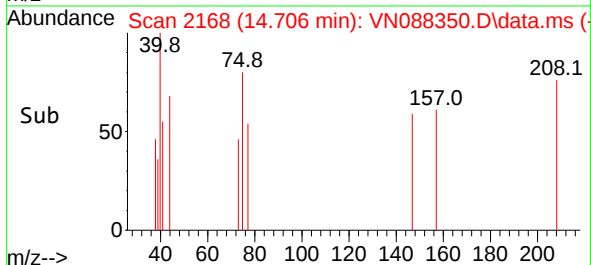
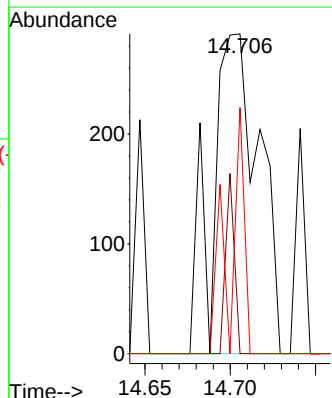
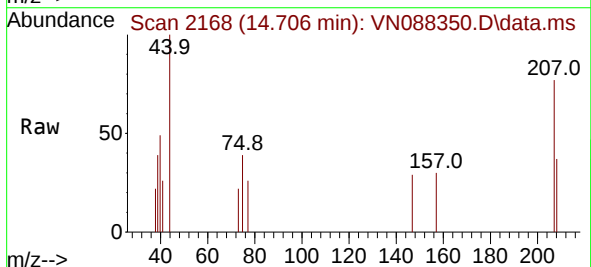
Tgt Ion: 75 Resp: 558

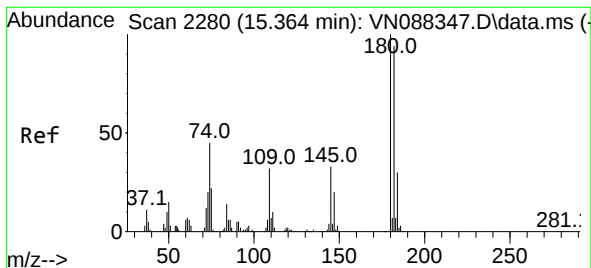
Ion Ratio Lower Upper

75 100

155 10.4 33.7 101.1#

157 9.7 43.8 131.3#





#93

1,2,4-Trichlorobenzene

Concen: 1.840 ug/l

RT: 15.376 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

Instrument :

MSVOA_U

ClientSampleId :

IBLK

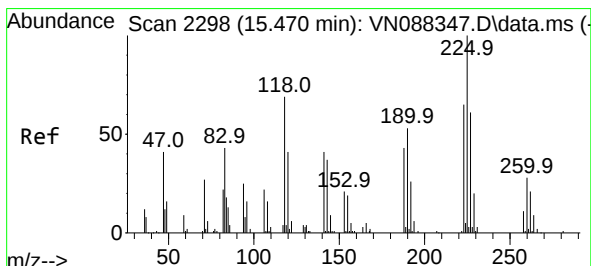
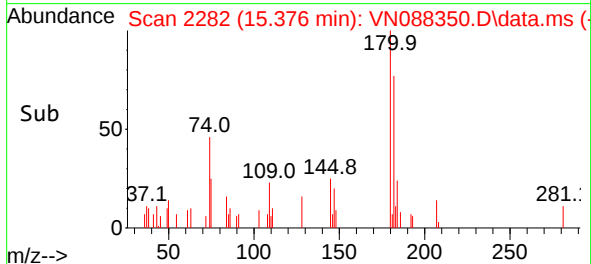
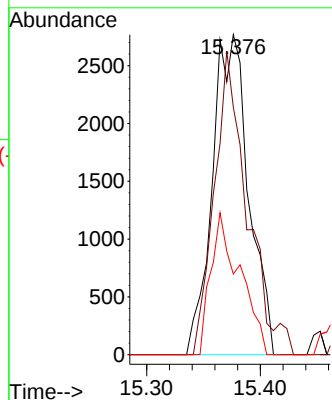
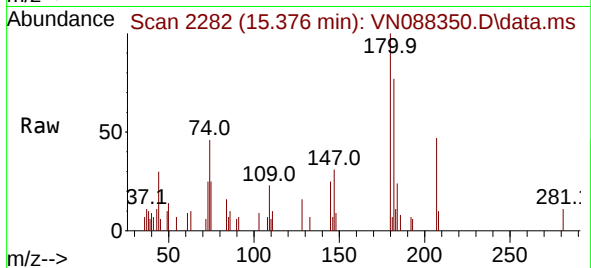
Tgt Ion:180 Resp: 6159

Ion Ratio Lower Upper

180 100

182 85.9 46.1 138.2

145 35.7 16.7 50.1



#94

Hexachlorobutadiene

Concen: 5.252 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN088350.D

Acq: 24 Nov 2025 14:56

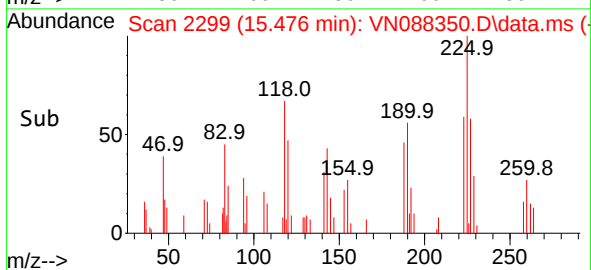
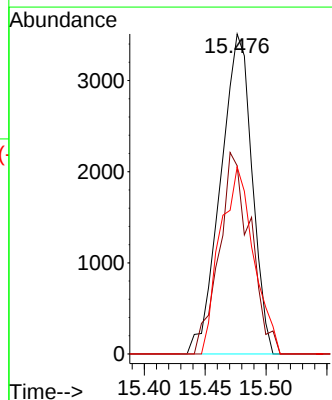
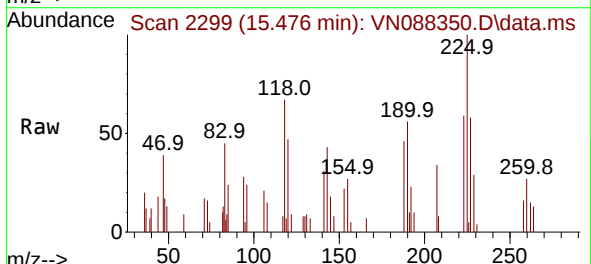
Tgt Ion:225 Resp: 6317

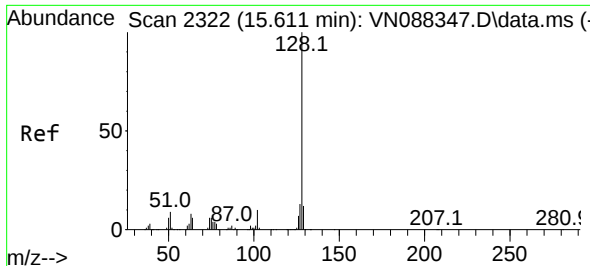
Ion Ratio Lower Upper

225 100

223 63.1 32.3 96.8

227 62.4 29.9 89.8

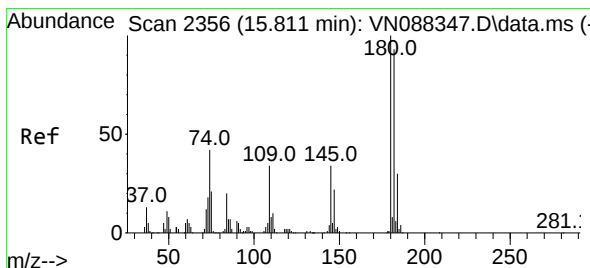
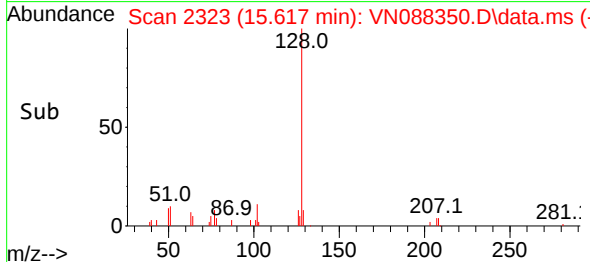
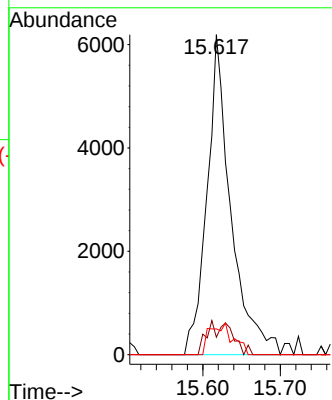
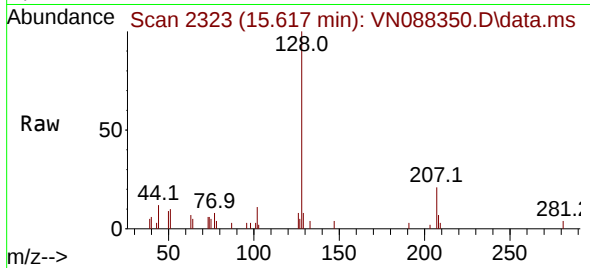




#95
Naphthalene
Concen: 1.142 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 13246
Ion Ratio Lower Upper
128 100
127 4.6 10.4 15.6#
129 9.6 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 1.752 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088350.D
Acq: 24 Nov 2025 14:56

Tgt Ion:180 Resp: 5707
Ion Ratio Lower Upper
180 100
182 99.9 45.9 137.7
145 46.7 17.8 53.4

