

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091225\
 Data File : VV039052.D
 Acq On : 12 Sep 2025 10:36
 Operator : SY/MD
 Sample : VV0912MBL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK270

Quant Time: Sep 13 00:27:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	786953	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	803747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	316769	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	344077	47.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.200%
7) Chloroethane-d5	1.542	69	291046	50.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.069	65	154150	49.438	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.880%
21) 2-Butanone-d5	3.783	46	358203	126.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.270%
24) Chloroform-d	4.249	84	611655	51.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.937	65	370695	52.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
32) Benzene-d6	4.957	84	1168263	50.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.280%
36) 1,2-Dichloropropane-d6	5.982	67	379831	49.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	7.236	98	981387	45.115	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
43) trans-1,3-Dichloroprop...	7.545	79	174151	48.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
47) 2-Hexanone-d5	8.011	63	263152	121.253	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.250%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	540796	49.813	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.620%
66) 1,2-Dichlorobenzene-d4	11.548	152	348747	58.619	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	206	0.034	ug/L	99
3) Chloromethane	1.372	50	268	0.040	ug/L	87
5) Vinyl chloride	1.446	62	178	0.023	ug/L	83
6) Bromomethane	1.503	94	1899	0.442	ug/L	91
8) Chloroethane	1.484	64	144	0.029	ug/L	88
9) Trichlorofluoromethane	1.806	101	75	0.007	ug/L	95
12) 1,1-Dichloroethene	2.034	96	78	0.013	ug/L	83
13) Acetone	2.127	43	2033	0.389	ug/L	85
14) Carbon disulfide	2.249	76	4618	0.233	ug/L #	79
15) Methyl Acetate	2.384	43	225	0.033	ug/L #	51
16) Methylene chloride	2.458	84	2120	0.318	ug/L #	78
17) trans-1,2-Dichloroethene	2.706	96	445	0.074	ug/L	82
18) Methyl tert-butyl Ether	2.706	73	1005	0.058	ug/L #	80
19) 1,1-Dichloroethane	3.127	63	1792	0.160	ug/L #	78
20) cis-1,2-Dichloroethene	3.822	96	241	0.037	ug/L	91
22) 2-Butanone	3.925	43	109	0.025	ug/L	76
23) Bromochloromethane	4.153	128	20	0.006	ug/L #	28
25) Chloroform	4.278	83	6382	0.533	ug/L	78
27) 1,2-Dichloroethane	4.960	62	4143	0.476	ug/L	98

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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
 Response via : Initial Calibration

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

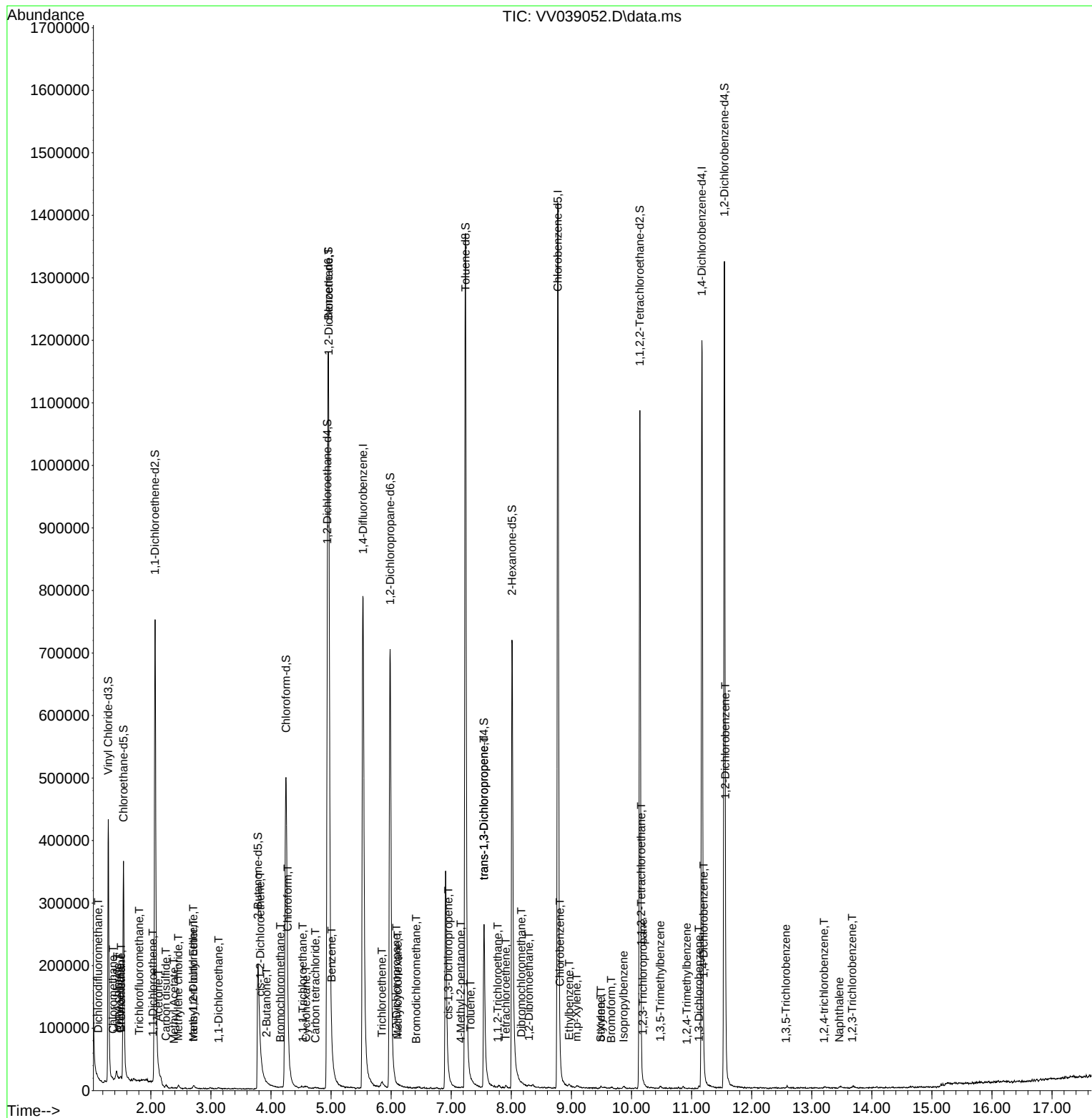
29) Cyclohexane	4.584	56	455	0.046	ug/L #	56
30) 1,1,1-Trichloroethane	4.526	97	802	0.074	ug/L	93
31) Carbon tetrachloride	4.738	117	928	0.096	ug/L #	11
33) Benzene	5.008	78	431	0.017	ug/L	100
34) Trichloroethene	5.847	95	335	0.049	ug/L	94
35) Methylcyclohexane	6.111	83	62	0.006	ug/L #	68
37) 1,2-Dichloropropane	6.088	63	363	0.054	ug/L #	86
38) Bromodichloromethane	6.416	83	72	0.008	ug/L #	26
39) cis-1,3-Dichloropropene	6.950	75	311	0.029	ug/L	88
40) 4-Methyl-2-pentanone	7.156	43	138	0.016	ug/L #	42
42) Toluene	7.320	91	1689	0.061	ug/L	88
44) trans-1,3-Dichloropropene	7.545	75	6943	0.674	ug/L	84
45) 1,1,2-Trichloroethane	7.773	97	215	0.030	ug/L #	73
46) Tetrachloroethene	7.908	164	641	0.122	ug/L	87
49) Dibromochloromethane	8.169	129	832	0.111	ug/L #	65
50) 1,2-Dibromoethane	8.291	107	1200	0.162	ug/L #	96
51) Chlorobenzene	8.809	112	2991	0.167	ug/L #	76
52) Ethylbenzene	8.963	91	3255	0.112	ug/L	99
53) m,p-Xylene	9.088	106	605	0.054	ug/L	75
54) o-Xylene	9.490	106	567	0.055	ug/L	89
55) Styrene	9.487	104	73	0.004	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.162	83	2390	0.209	ug/L #	40
59) Bromoform	9.661	173	253	0.059	ug/L #	57
60) Isopropylbenzene	9.870	105	2747	0.126	ug/L #	86
61) 1,2,3-Trichloropropane	10.191	75	348	0.052	ug/L #	31
62) 1,3,5-Trimethylbenzene	10.477	105	2002	0.117	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	193	0.011	ug/L	91
64) 1,3-Dichlorobenzene	11.124	146	1810	0.174	ug/L #	78
65) 1,4-Dichlorobenzene	11.201	146	2634	0.237	ug/L	88
67) 1,2-Dichlorobenzene	11.564	146	2327	0.224	ug/L #	52
69) 1,3,5-Trichlorobenzene	12.570	180	44	0.007	ug/L #	1
70) 1,2,4-trichlorobenzene	13.204	180	445	0.076	ug/L #	60
71) Naphthalene	13.461	128	1062	0.055	ug/L #	80
72) 1,2,3-Trichlorobenzene	13.673	180	297	0.049	ug/L #	12

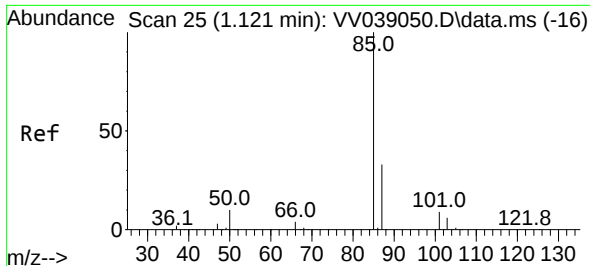
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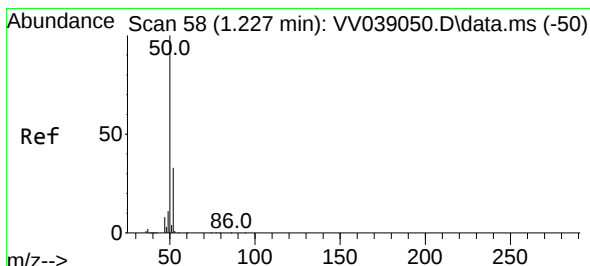
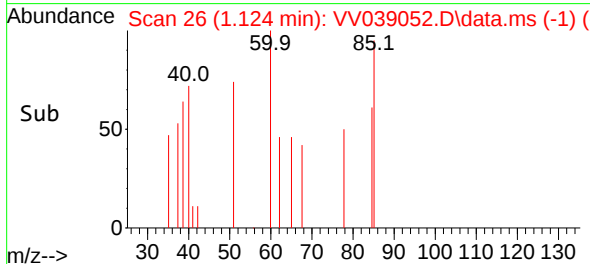
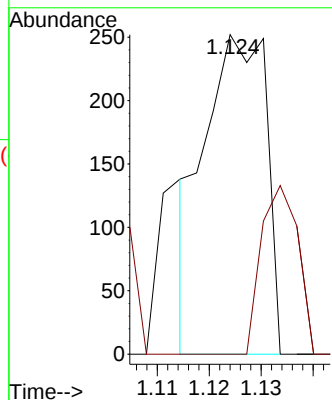
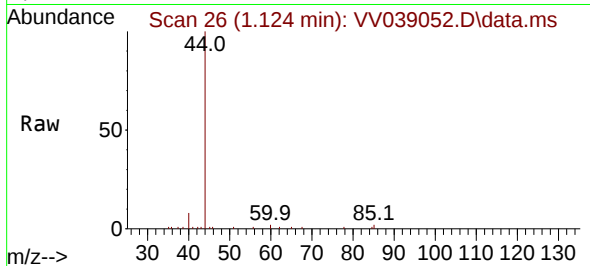




#2
 Dichlorodifluoromethane
 Concen: 0.034 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

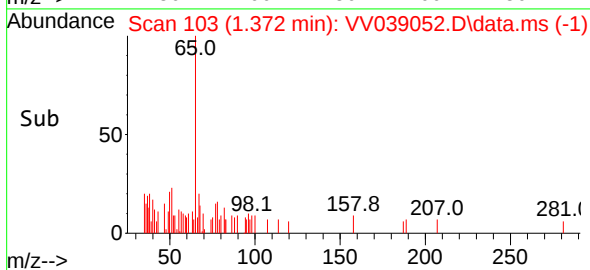
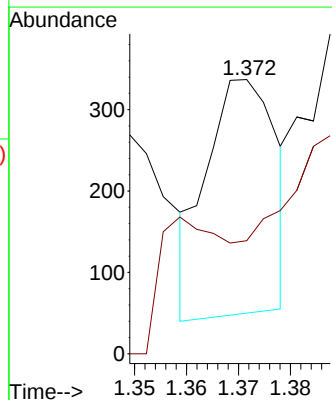
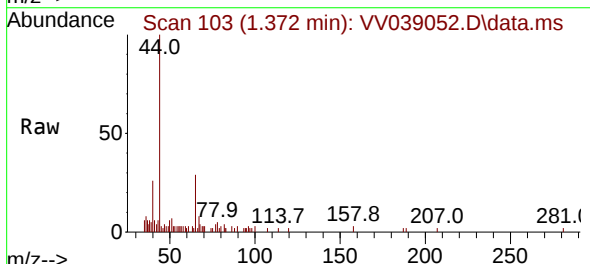
Instrument :
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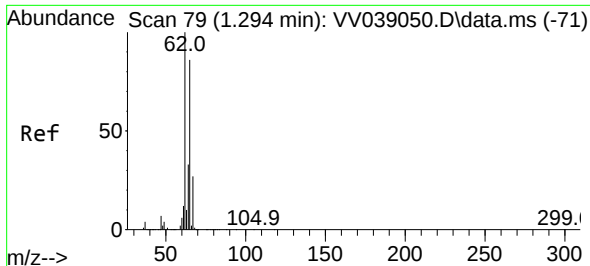
Tgt Ion: 85 Resp: 206
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.8



#3
 Chloromethane
 Concen: 0.040 ug/L
 RT: 1.372 min Scan# 103
 Delta R.T. 0.145 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

Tgt Ion: 50 Resp: 268
 Ion Ratio Lower Upper
 50 100
 52 41.2 23.6 43.8

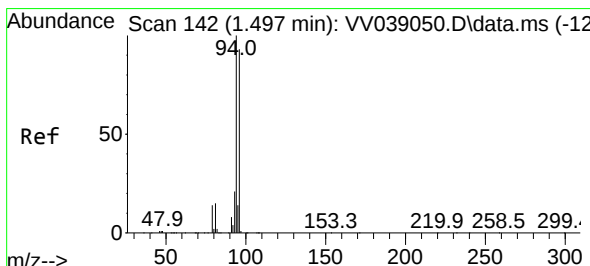
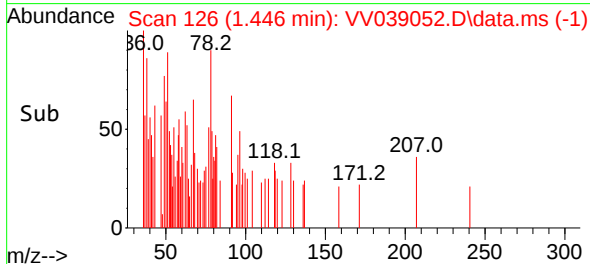
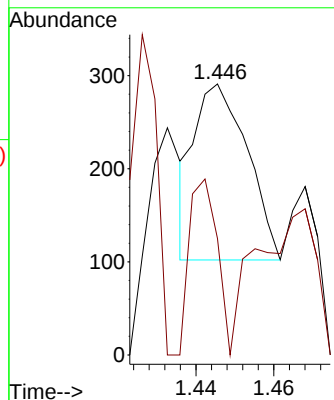
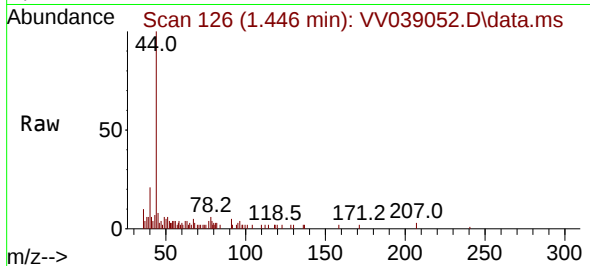




#5
 Vinyl chloride
 Concen: 0.023 ug/L
 RT: 1.446 min Scan# 11
 Delta R.T. 0.151 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

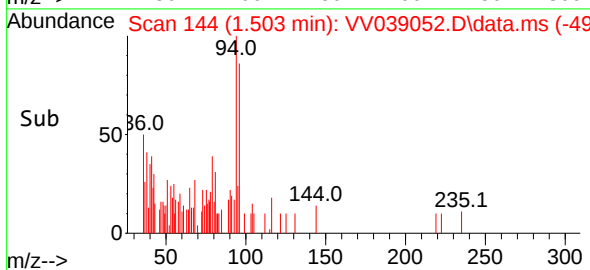
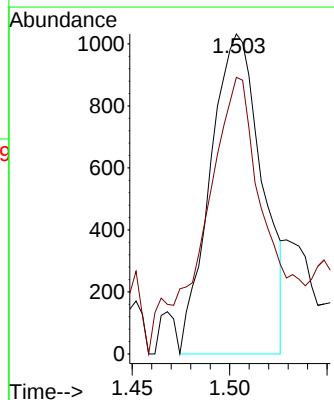
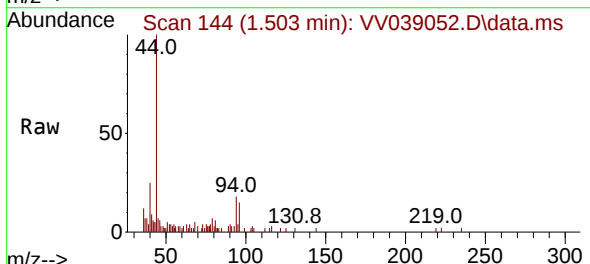
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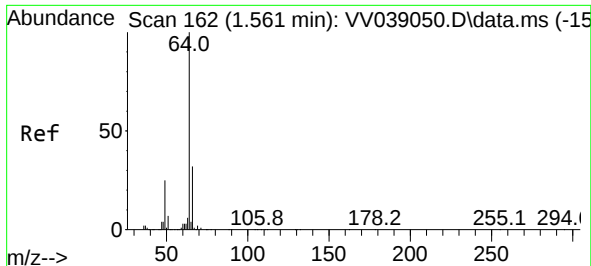
Tgt Ion: 62 Resp: 178
 Ion Ratio Lower Upper
 62 100
 64 43.0 23.4 43.4



#6
 Bromomethane
 Concen: 0.442 ug/L
 RT: 1.503 min Scan# 144
 Delta R.T. 0.007 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

Tgt Ion: 94 Resp: 1899
 Ion Ratio Lower Upper
 94 100
 96 86.4 66.3 123.1

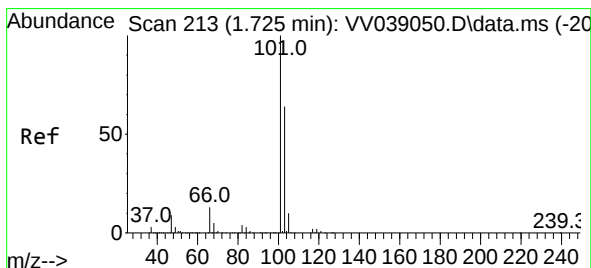
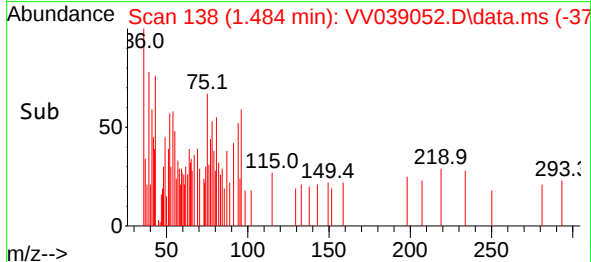
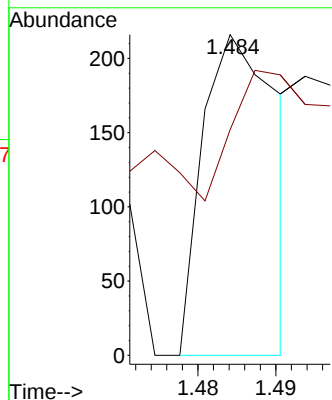
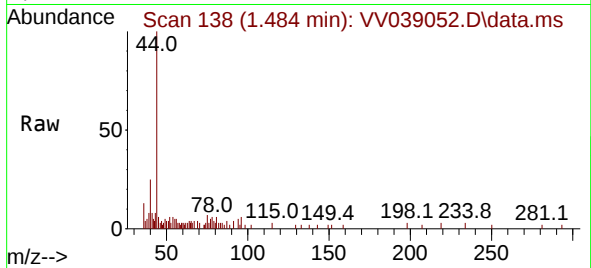




#8
Chloroethane
Concen: 0.029 ug/L
RT: 1.484 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

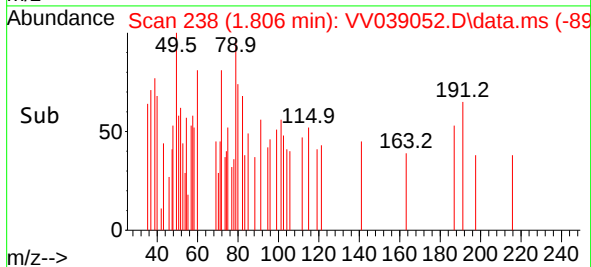
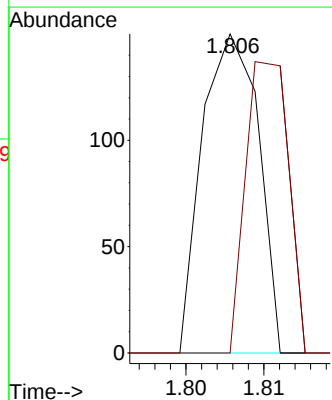
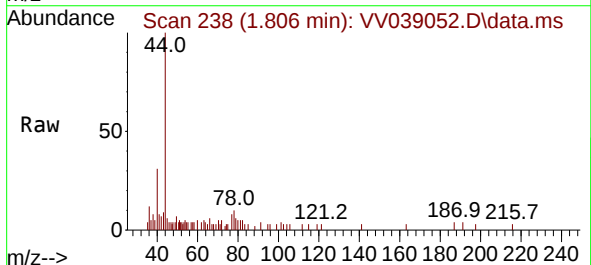
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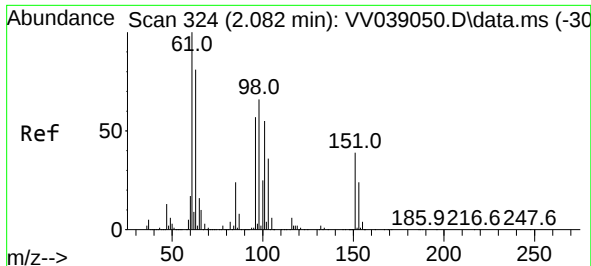
Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 38.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 0.007 ug/L
RT: 1.806 min Scan# 238
Delta R.T. 0.081 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion:101 Resp: 75
Ion Ratio Lower Upper
101 100
103 69.3 52.1 78.1





#12

1,1-Dichloroethene

Concen: 0.013 ug/L

RT: 2.034 min Scan# 309

Delta R.T. -0.045 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK270

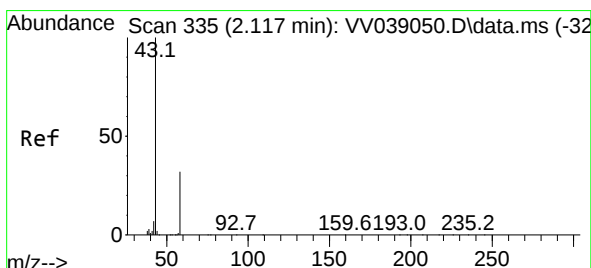
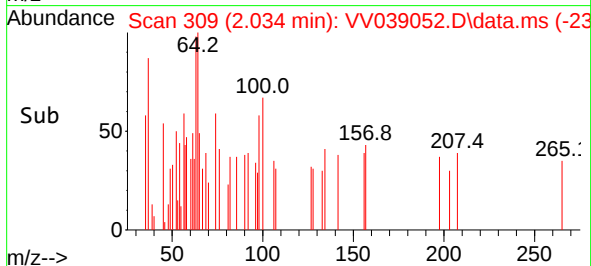
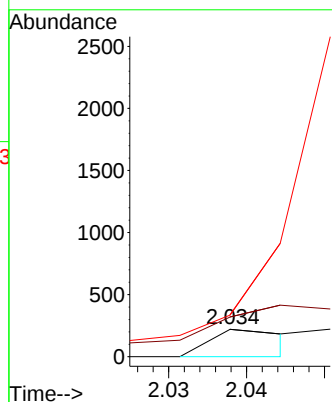
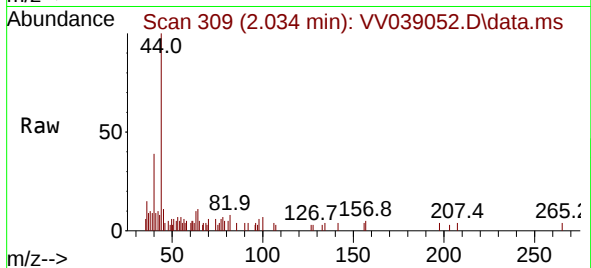
Tgt Ion: 96 Resp: 78

Ion Ratio Lower Upper

96 100

61 144.8 123.3 229.1

63 151.6 116.6 216.6



#13

Acetone

Concen: 0.389 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.013 min

Lab File: VV039052.D

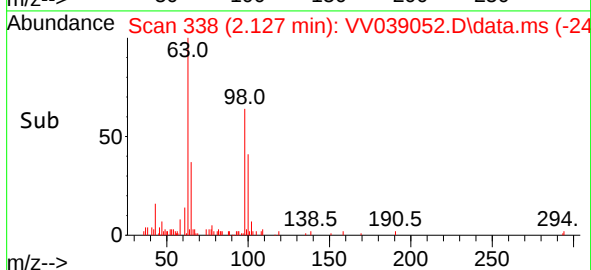
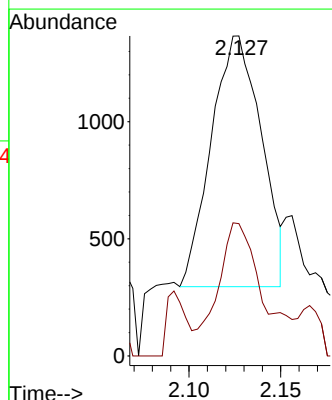
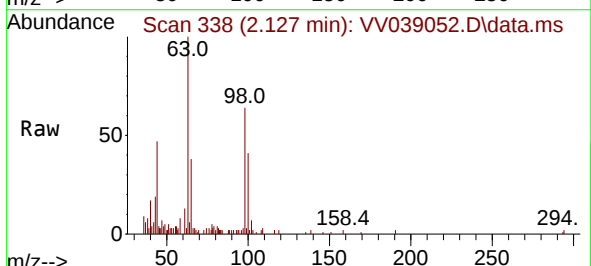
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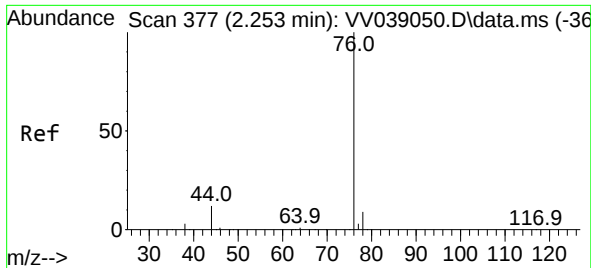
Tgt Ion: 43 Resp: 2033

Ion Ratio Lower Upper

43 100

58 41.3 0.0 65.8

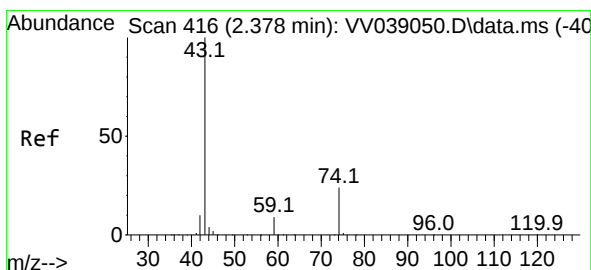
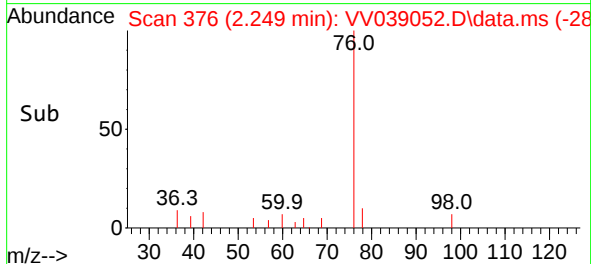
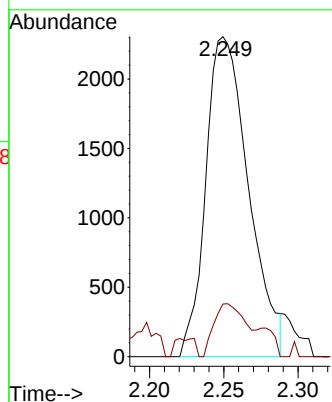
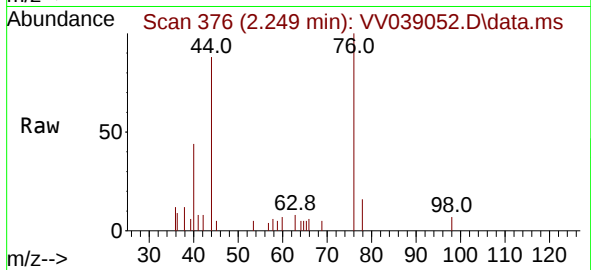




#14
Carbon disulfide
Concen: 0.233 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

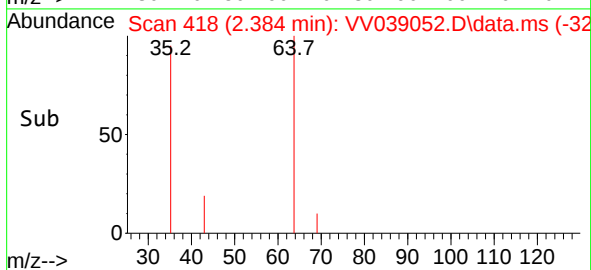
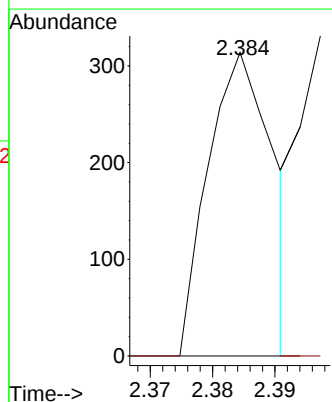
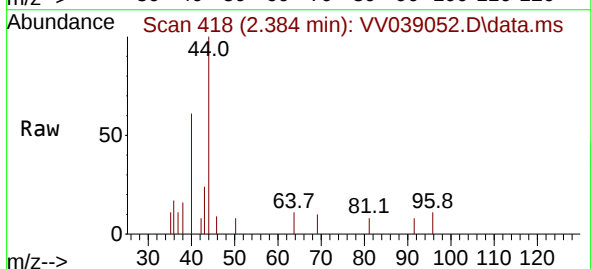
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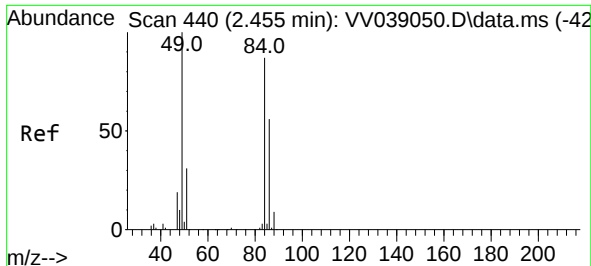
Tgt Ion: 76 Resp: 4618
Ion Ratio Lower Upper
76 100
78 16.4 7.0 10.6#



#15
Methyl Acetate
Concen: 0.033 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.007 min
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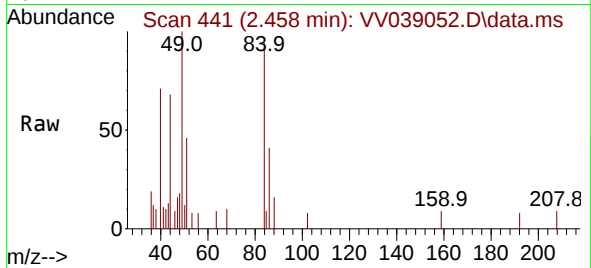
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Ion Ratio Lower Upper
43 100
74 0.0 19.6 29.4#



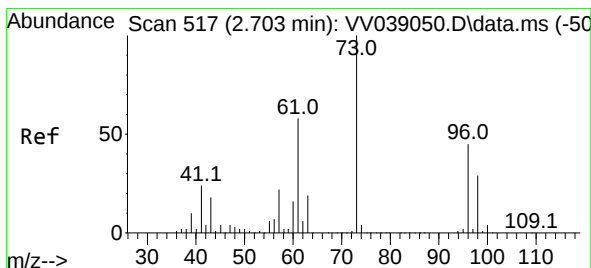
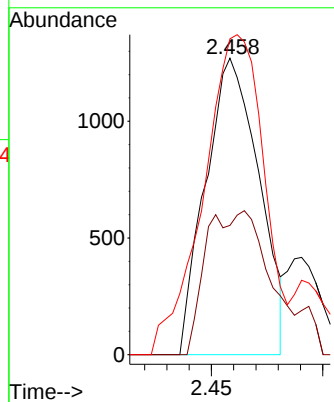
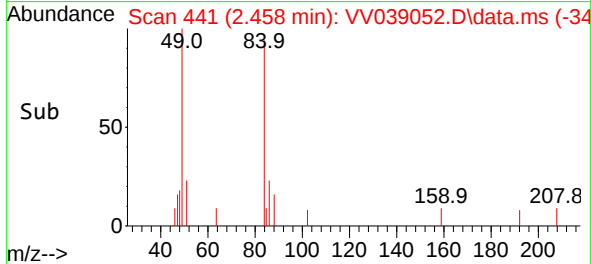


#16
Methylene chloride
Concen: 0.318 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Instrument :
MSVOA_V
ClientSampleId :
VBLK270

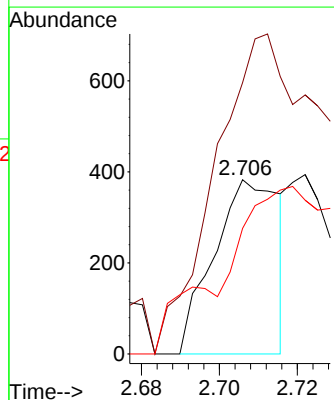
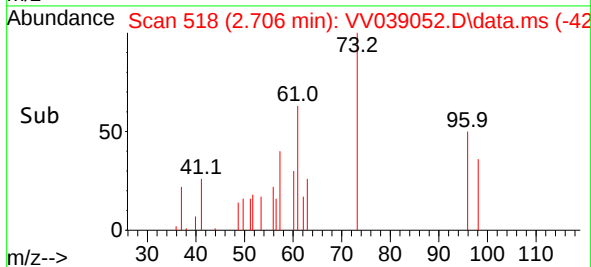
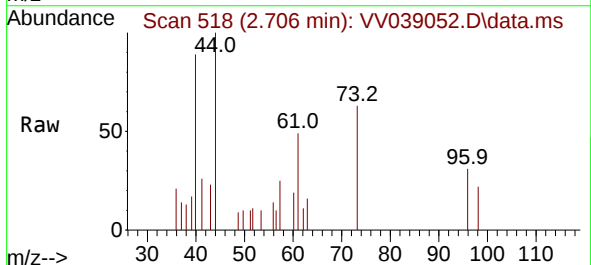


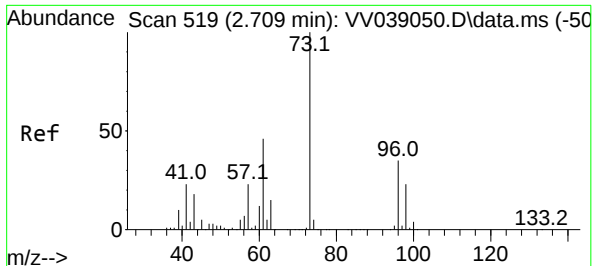
Tgt Ion: 84 Resp: 2120
Ion Ratio Lower Upper
84 100
86 39.9 44.7 83.1#
49 97.5 82.0 152.4



#17
trans-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion: 96 Resp: 445
Ion Ratio Lower Upper
96 100
61 155.6 91.3 169.5
98 72.1 44.7 83.1





#18

Methyl tert-butyl Ether

Concen: 0.058 ug/L

RT: 2.706 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK270

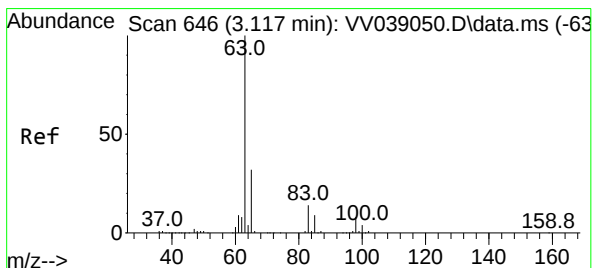
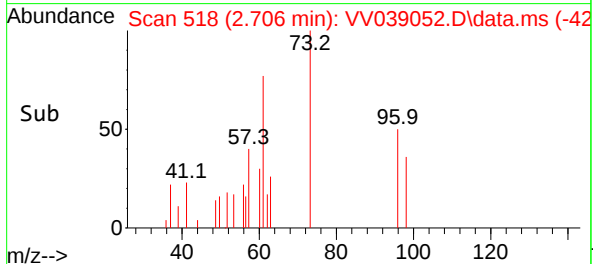
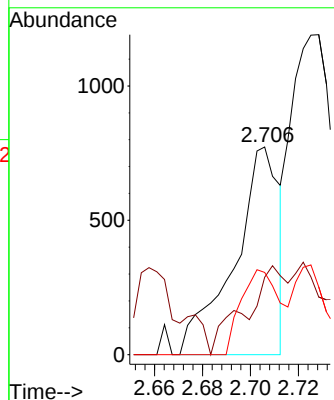
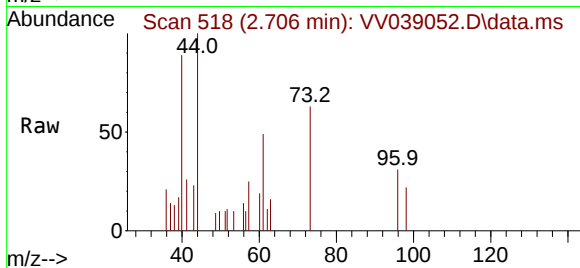
Tgt Ion: 73 Resp: 1005

Ion Ratio Lower Upper

73 100

43 22.0 14.2 21.4#

57 35.6 17.5 26.3#



#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.127 min Scan# 649

Delta R.T. 0.013 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

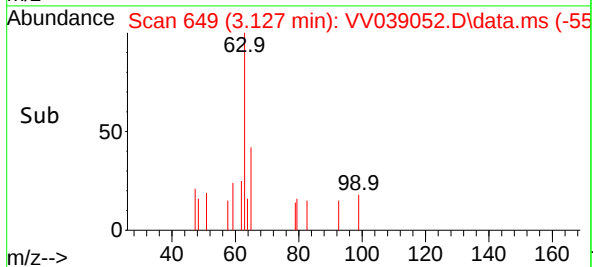
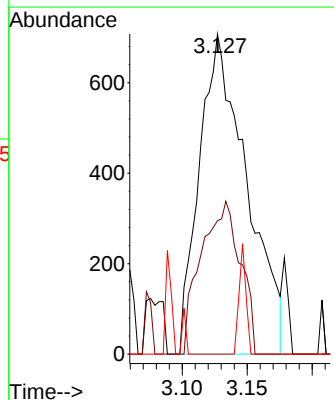
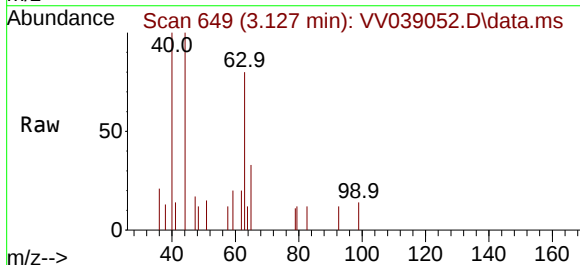
Tgt Ion: 63 Resp: 1792

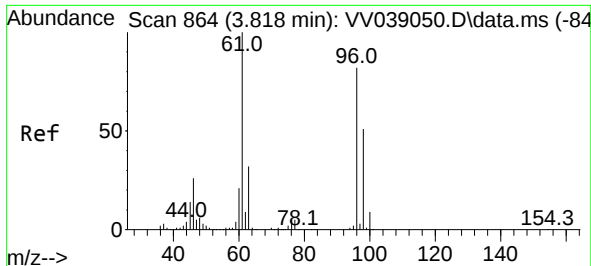
Ion Ratio Lower Upper

63 100

65 41.7 22.4 41.6#

83 0.0 9.6 17.8#

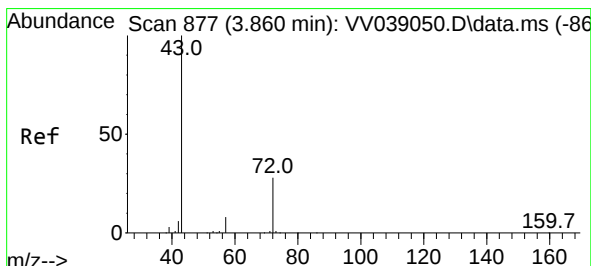
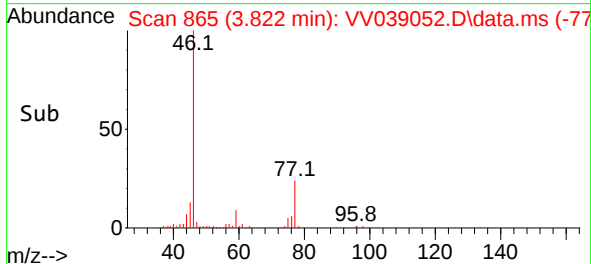
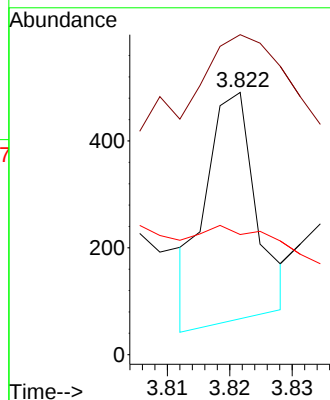
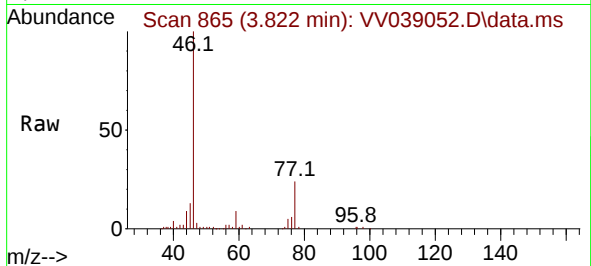




#20
 cis-1,2-Dichloroethene
 Concen: 0.037 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.007 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

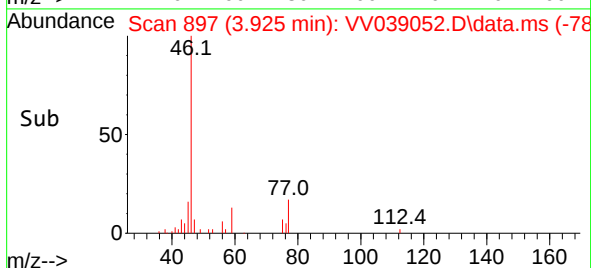
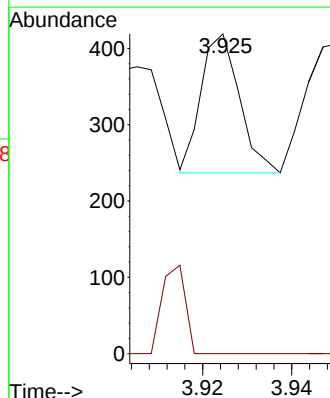
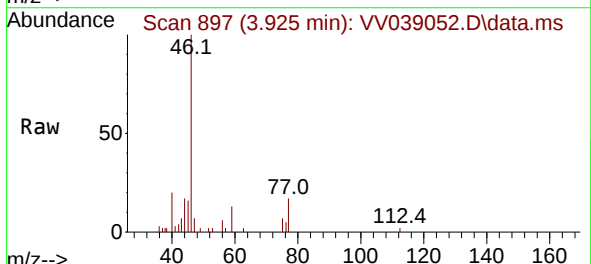
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK270

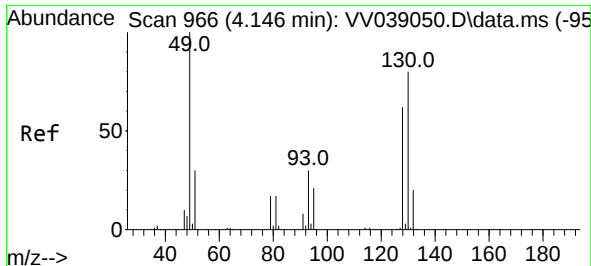
Tgt Ion: 96 Resp: 241
 Ion Ratio Lower Upper
 96 100
 61 122.0 83.8 155.6
 98 45.8 43.5 80.9



#22
 2-Butanone
 Concen: 0.025 ug/L
 RT: 3.925 min Scan# 897
 Delta R.T. 0.068 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

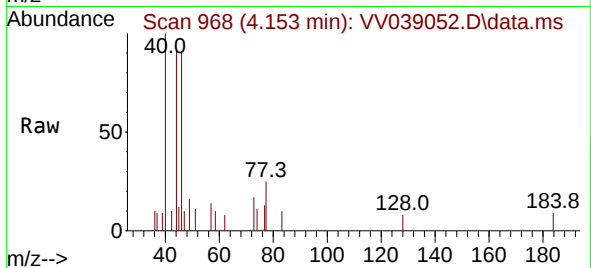
Tgt Ion: 43 Resp: 109
 Ion Ratio Lower Upper
 43 100
 72 38.5 13.2 39.5



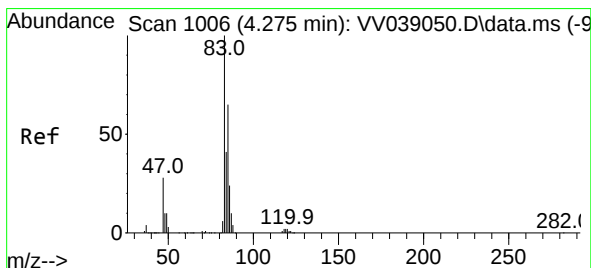
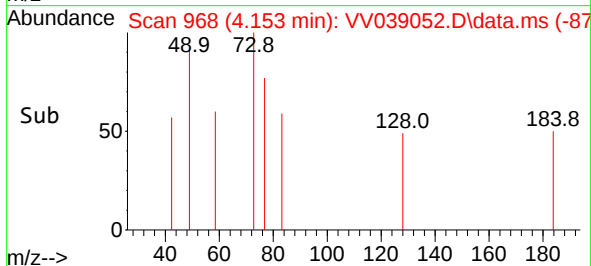
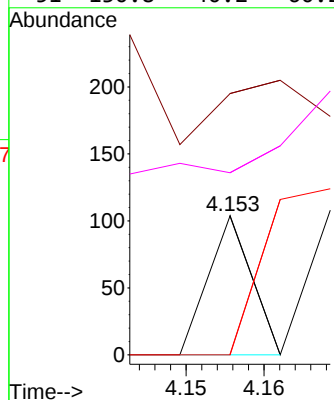


#23
Bromochloromethane
Concen: 0.006 ug/L
RT: 4.153 min Scan# 90
Delta R.T. 0.007 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Instrument :
MSVOA_V
ClientSampleId :
VBLK270

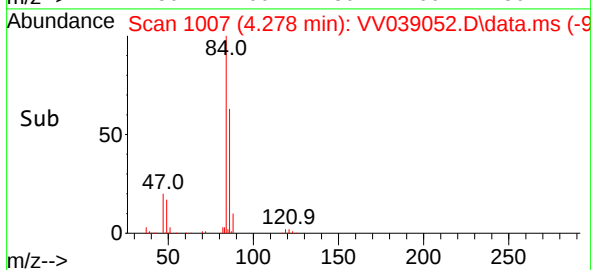
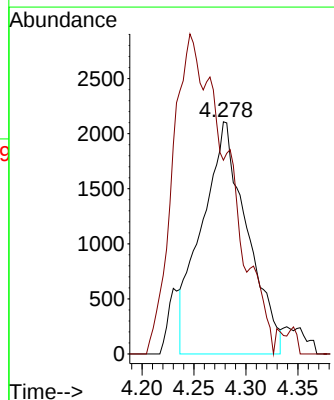
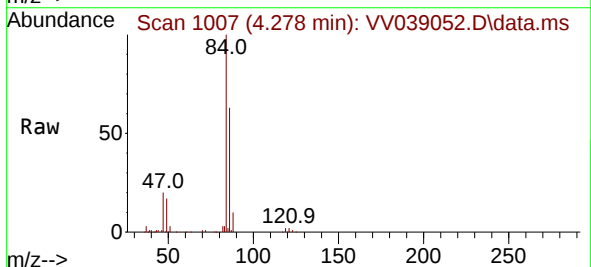


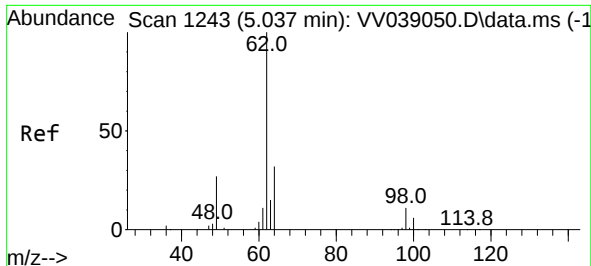
Tgt Ion:	128	Resp:	20
Ion	Ratio	Lower	Upper
128	100		
49	187.5	108.4	201.4
130	0.0	89.1	165.5#
51	130.8	40.2	60.2#



#25
Chloroform
Concen: 0.533 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.007 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion:	83	Resp:	6382
Ion	Ratio	Lower	Upper
83	100		
85	83.5	46.1	85.5





#27

1,2-Dichloroethane

Concen: 0.476 ug/L

RT: 4.960 min Scan# 1129

Delta R.T. -0.074 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

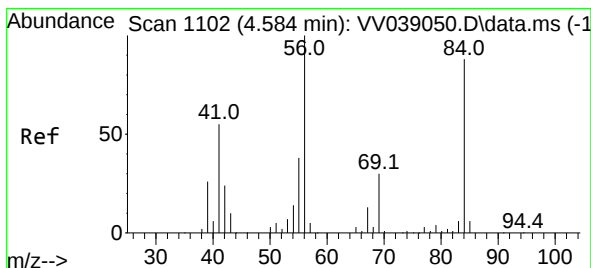
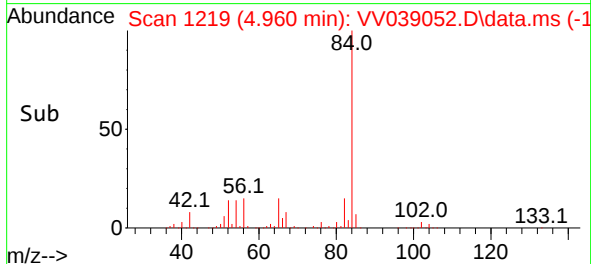
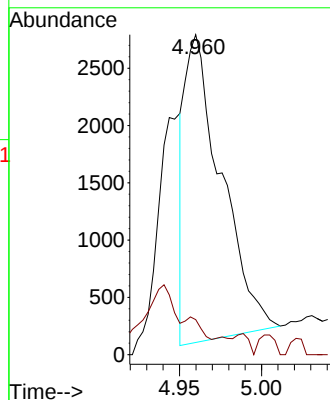
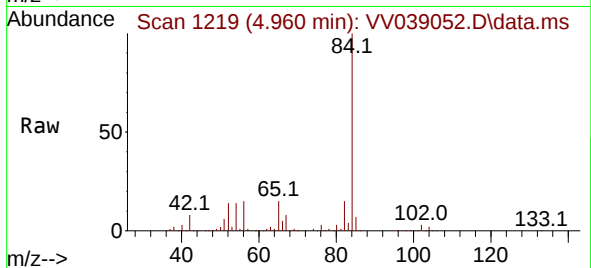
VBLK270

Tgt Ion: 62 Resp: 4143

Ion Ratio Lower Upper

62 100

98 10.9 8.2 12.4



#29

Cyclohexane

Concen: 0.046 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

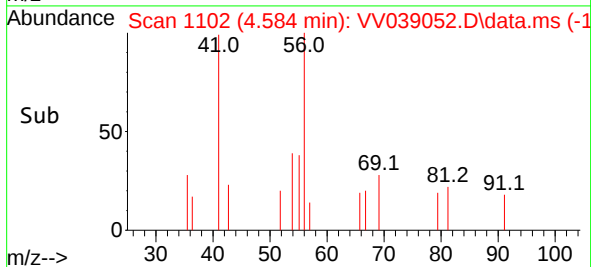
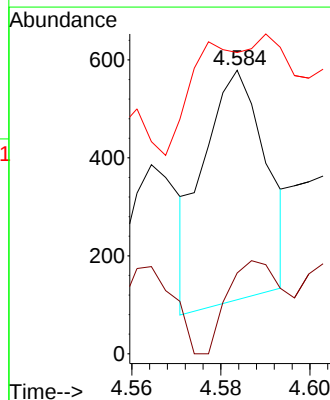
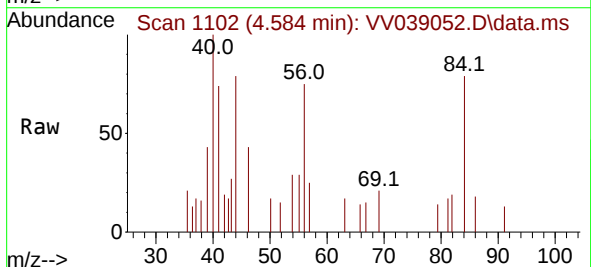
Tgt Ion: 56 Resp: 455

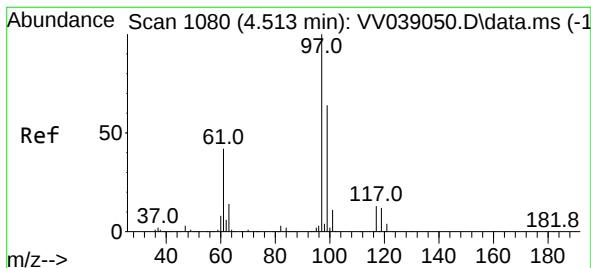
Ion Ratio Lower Upper

56 100

69 37.8 25.1 37.7#

84 38.5 73.0 109.4#





#30

1,1,1-Trichloroethane

Concen: 0.074 ug/L

RT: 4.526 min Scan# 1150

Delta R.T. 0.016 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK270

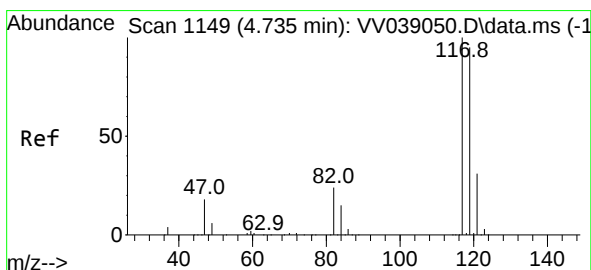
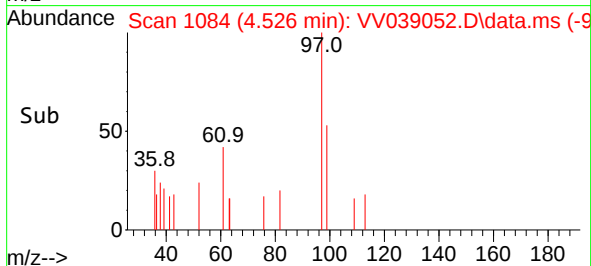
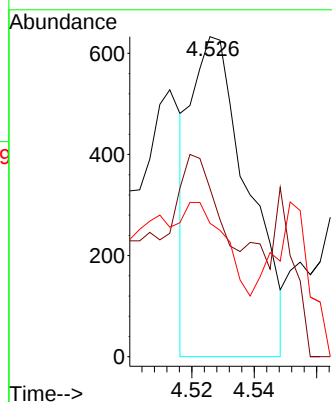
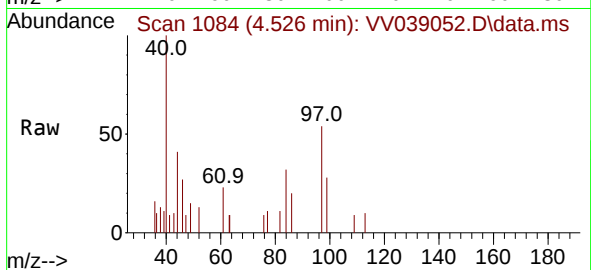
Tgt Ion: 97 Resp: 802

Ion Ratio Lower Upper

97 100

99 57.7 51.1 76.7

61 45.4 33.7 50.5



#31

Carbon tetrachloride

Concen: 0.096 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.007 min

Lab File: VV039052.D

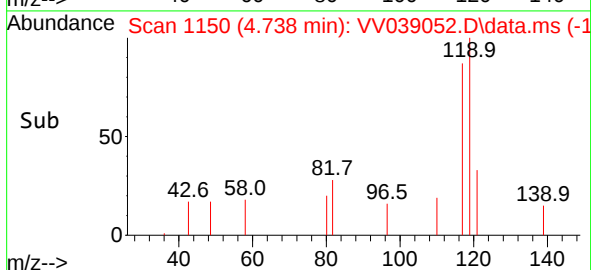
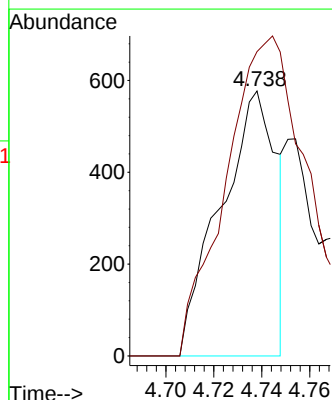
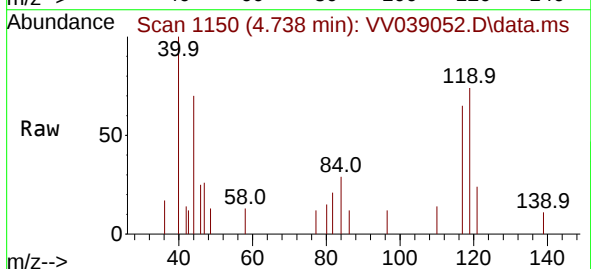
Acq: 12 Sep 2025 10:36

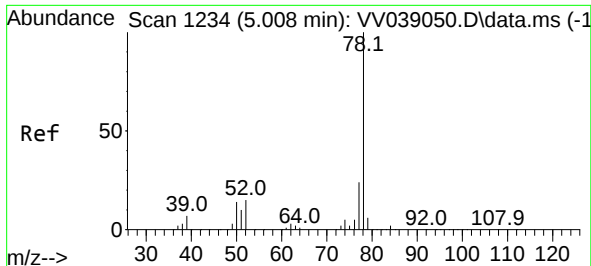
Tgt Ion: 117 Resp: 928

Ion Ratio Lower Upper

117 100

119 182.2 76.2 114.4#

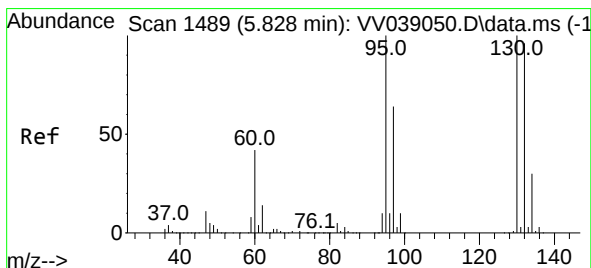
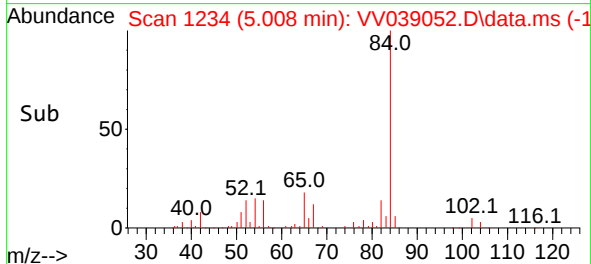
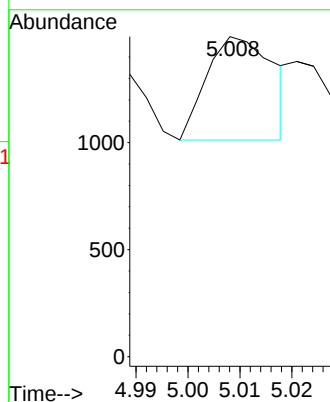
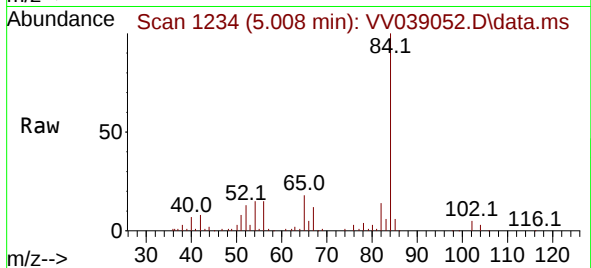




#33
Benzene
Concen: 0.017 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Instrument :
MSVOA_V
ClientSampleId :
VBLK270

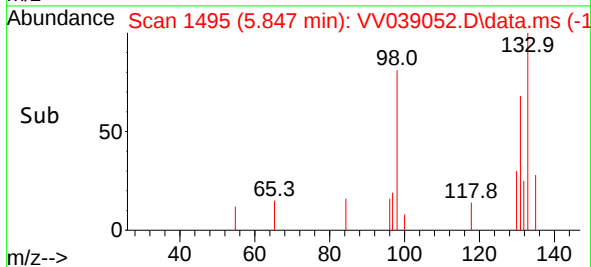
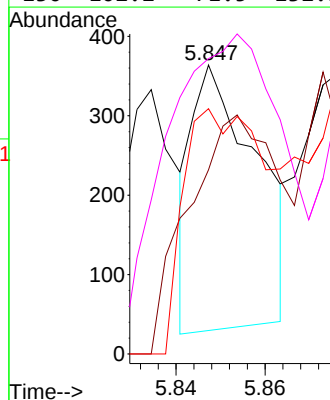
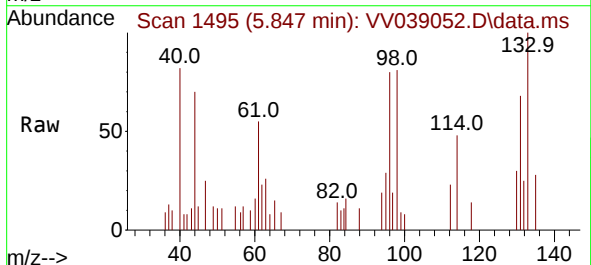
Tgt Ion: 78 Resp: 431

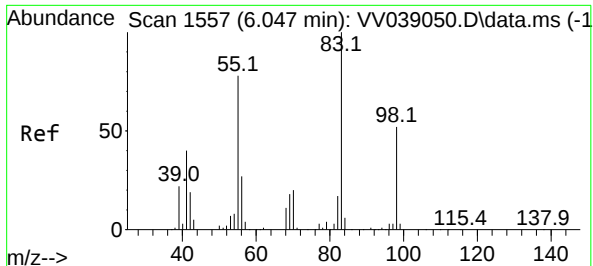


#34
Trichloroethene
Concen: 0.049 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.023 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion: 95 Resp: 335

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.4	84.2
132	84.9	69.9	129.7
130	102.2	71.5	132.9

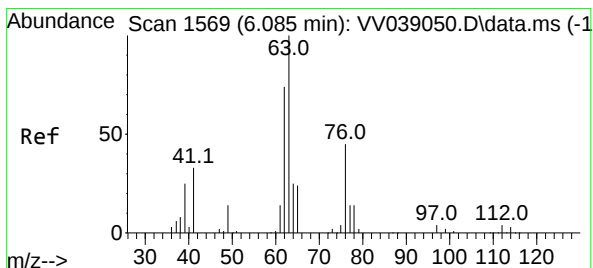
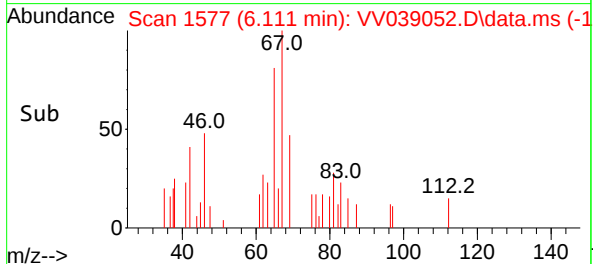
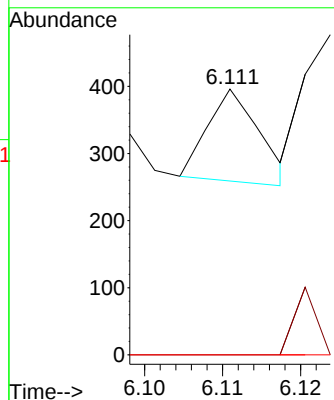
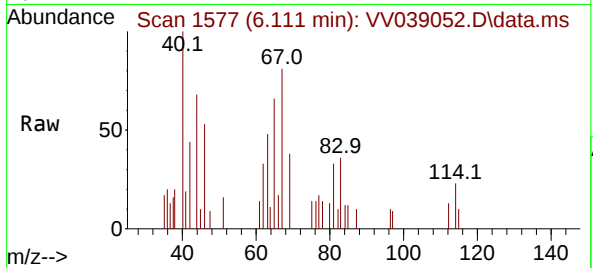




#35
Methylcyclohexane
Concen: 0.006 ug/L
RT: 6.111 min Scan# 11
Delta R.T. 0.068 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

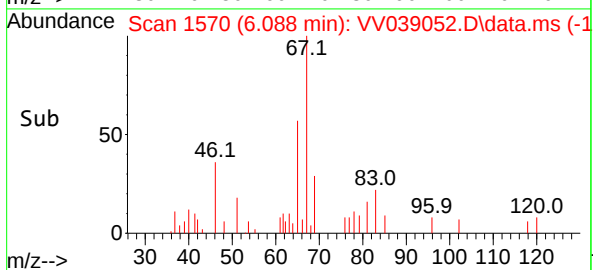
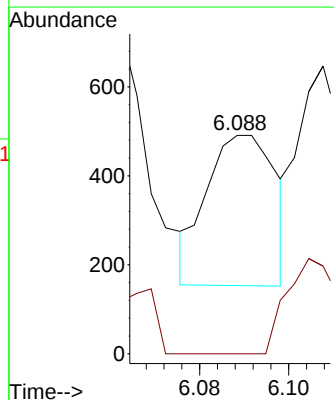
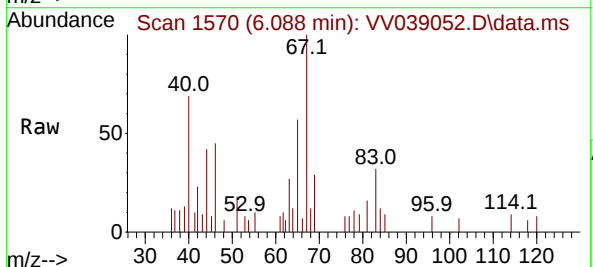
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

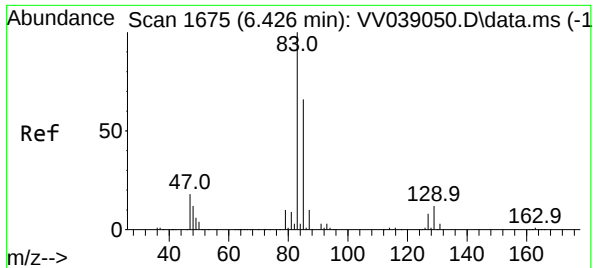
Tgt Ion: 83 Resp: 62
Ion Ratio Lower Upper
83 100
55 80.6 59.0 88.6
98 0.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.054 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion: 63 Resp: 363
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

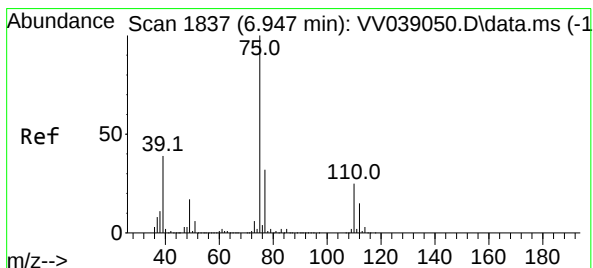
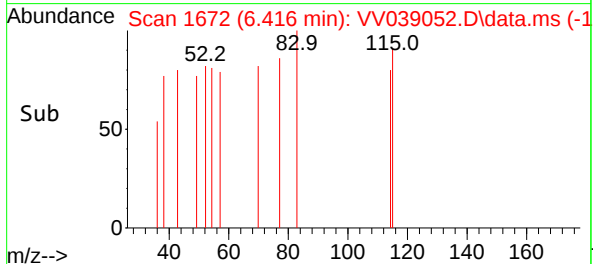
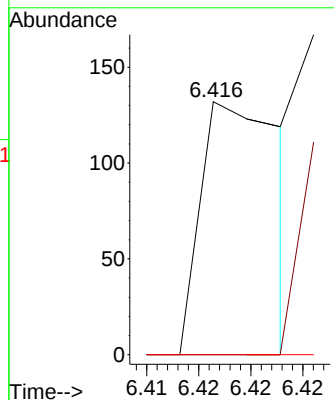
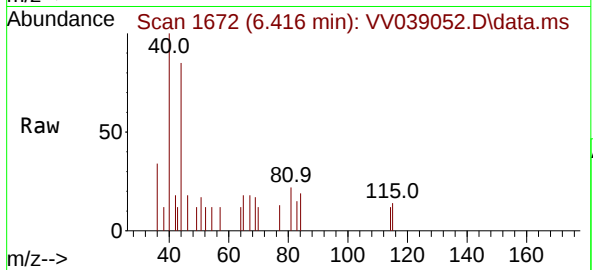




#38
Bromodichloromethane
Concen: 0.008 ug/L
RT: 6.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

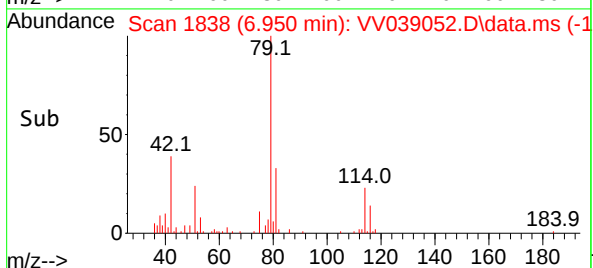
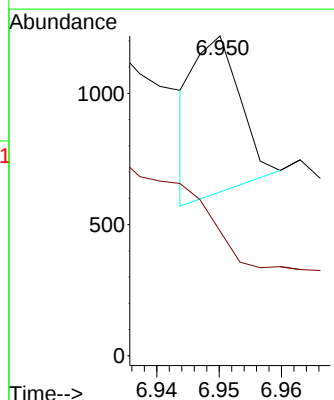
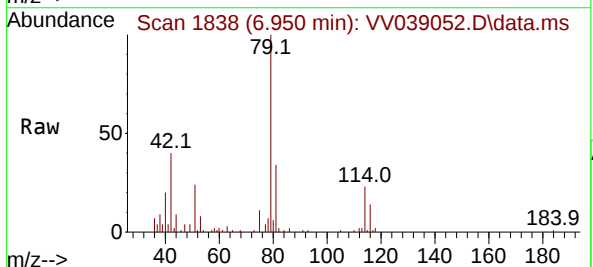
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

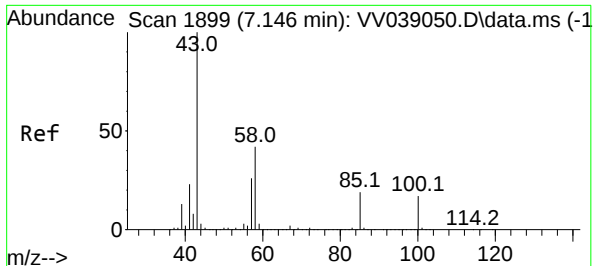
Tgt Ion: 83 Resp: 72
Ion Ratio Lower Upper
83 100
85 0.0 43.5 80.7#
127 0.0 6.4 9.6#



#39
cis-1,3-Dichloropropene
Concen: 0.029 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.007 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion: 75 Resp: 311
Ion Ratio Lower Upper
75 100
77 39.0 22.5 41.7





#40

4-Methyl-2-pentanone

Concen: 0.016 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.013 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK270

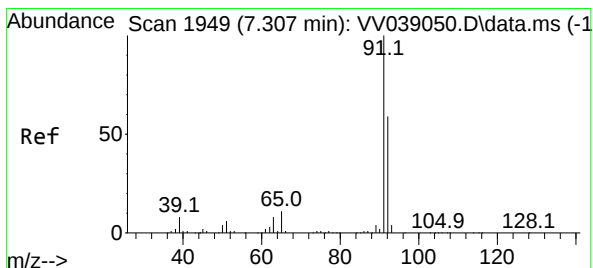
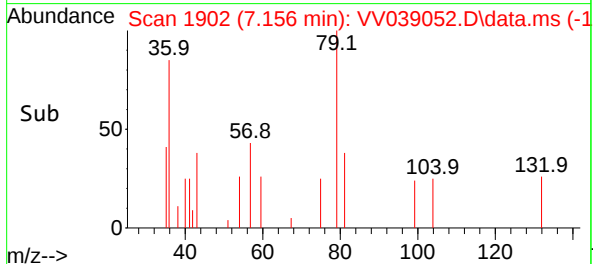
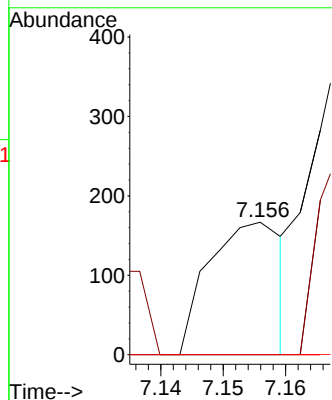
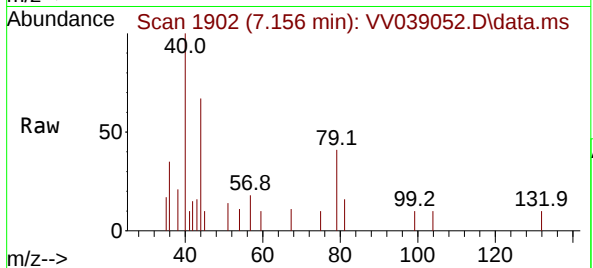
Tgt Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

58 0.0 32.6 48.8#

100 0.0 12.7 19.1#



#42

Toluene

Concen: 0.061 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.016 min

Lab File: VV039052.D

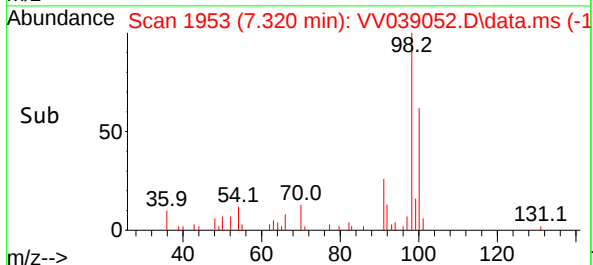
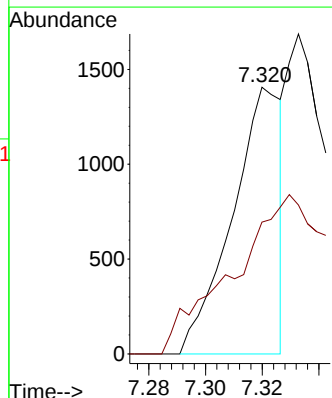
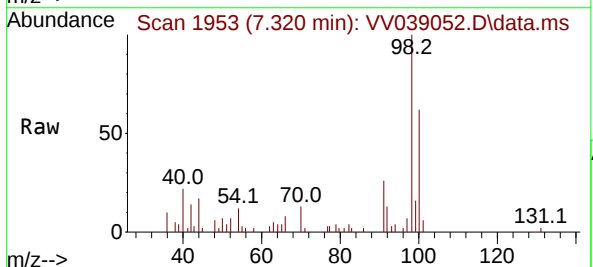
Acq: 12 Sep 2025 10:36

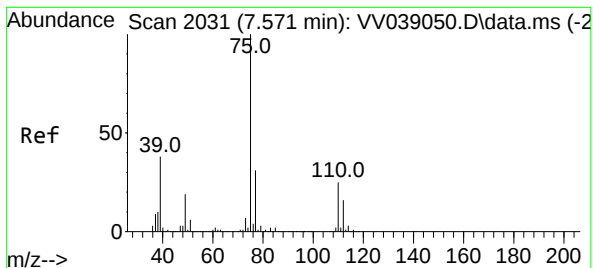
Tgt Ion: 91 Resp: 1689

Ion Ratio Lower Upper

91 100

92 49.4 40.9 75.9





#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 7.545 min Scan# 2031

Delta R.T. -0.026 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

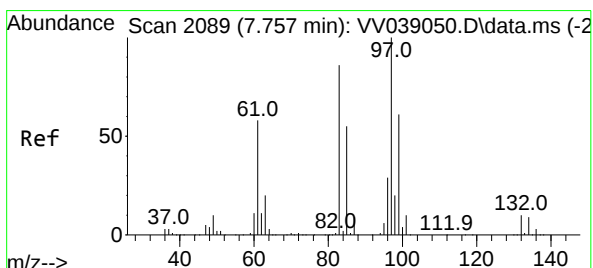
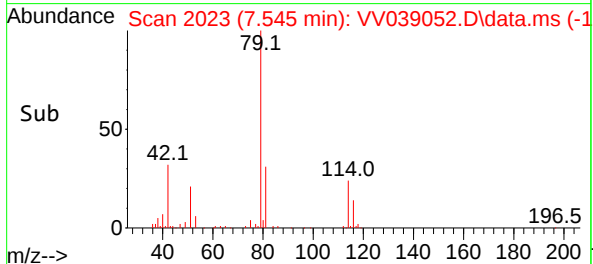
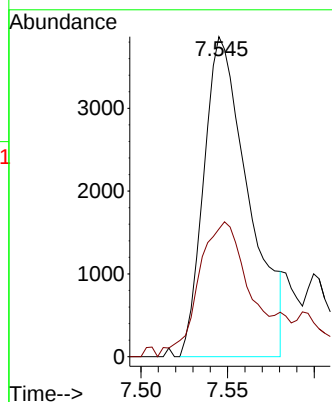
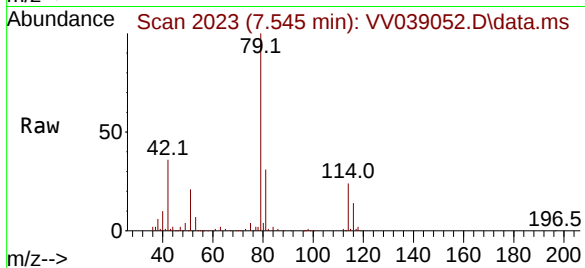
VBLK270

Tgt Ion: 75 Resp: 6943

Ion Ratio Lower Upper

75 100

77 39.9 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 0.030 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.016 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Tgt Ion: 97 Resp: 215

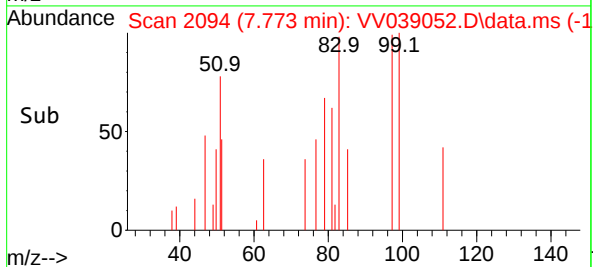
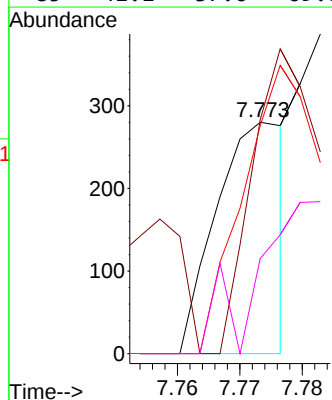
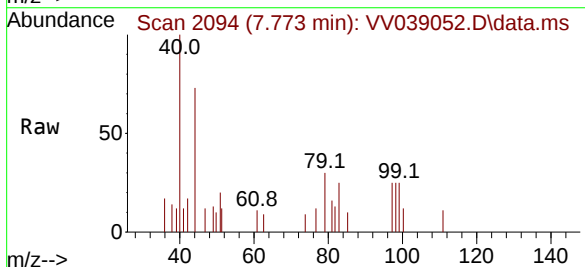
Ion Ratio Lower Upper

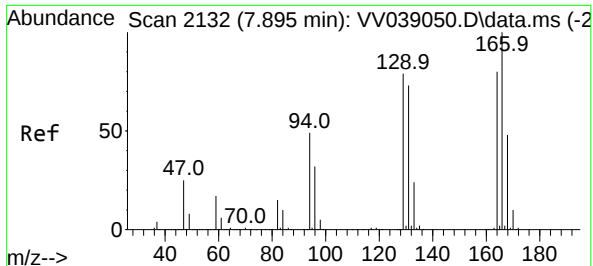
97 100

99 101.1 42.3 78.5#

83 98.6 59.4 110.2

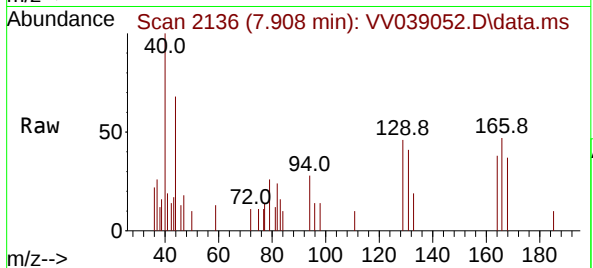
85 41.1 37.6 69.8



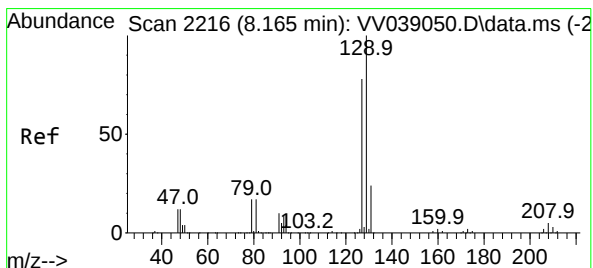
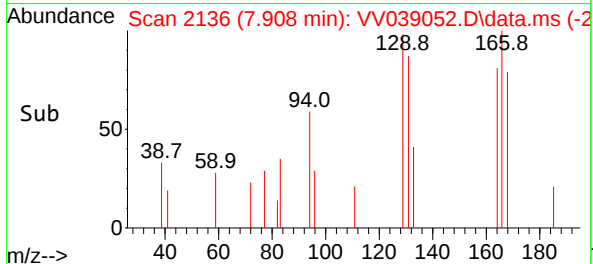
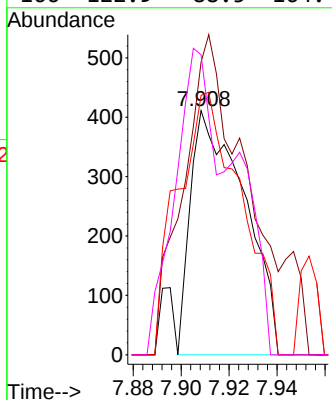


#46
 Tetrachloroethene
 Concen: 0.122 ug/L
 RT: 7.908 min Scan# 2136
 Delta R.T. 0.013 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK270

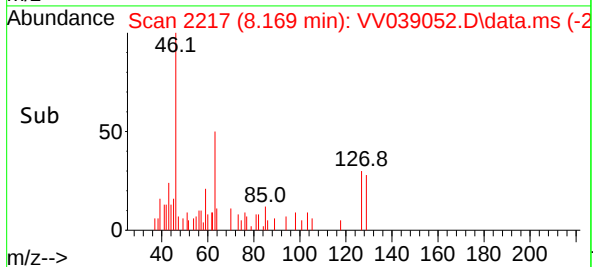
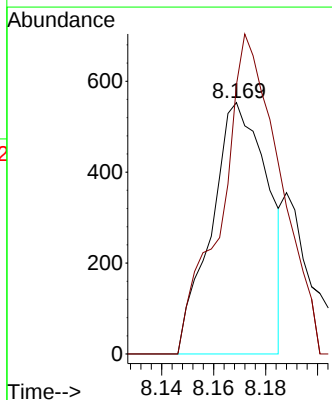
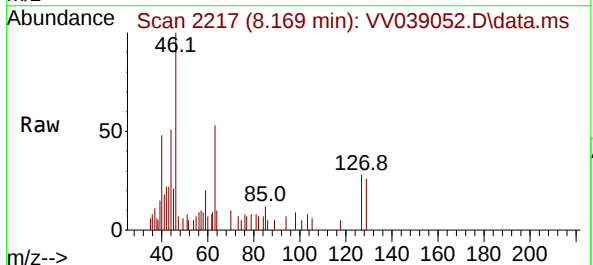


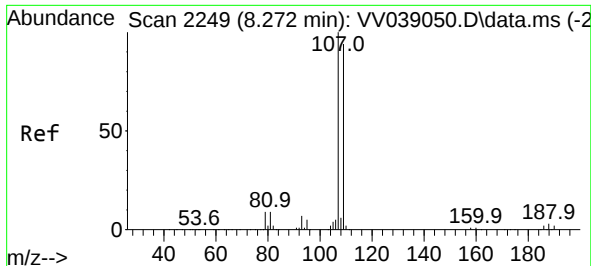
Tgt	Ion:164	Resp:	641
Ion	Ratio	Lower	Upper
164	100		
129	120.0	67.0	124.4
131	106.3	65.6	121.8
166	122.9	88.5	164.4



#49
 Dibromochloromethane
 Concen: 0.111 ug/L
 RT: 8.169 min Scan# 2217
 Delta R.T. 0.003 min
 Lab File: VV039052.D
 Acq: 12 Sep 2025 10:36

Tgt Ion:129	Resp:	832	
Ion	Ratio	Lower	Upper
129	100		
127	107.1	53.8	100.0#





#50

1,2-Dibromoethane

Concen: 0.162 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.023 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

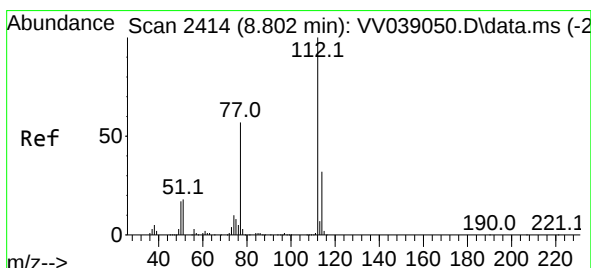
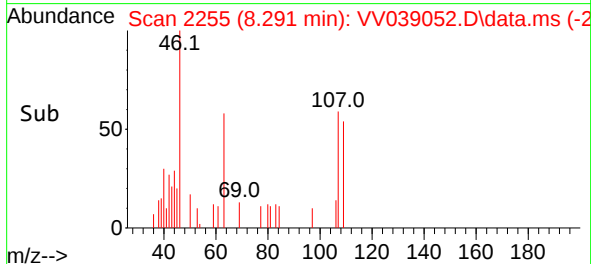
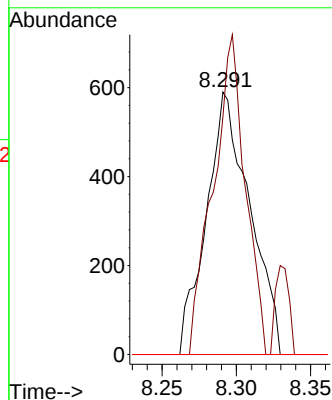
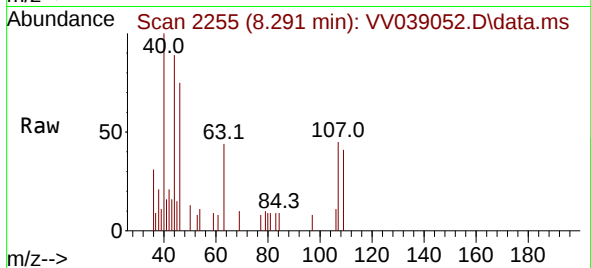
Instrument :

MSVOA_V

ClientSampleId :

VBLK270

Tgt Ion:	107	Resp:	1200
Ion	Ratio	Lower	Upper
107	100		
109	90.5	66.1	122.8
188	0.0	2.6	4.0#



#51

Chlorobenzene

Concen: 0.167 ug/L

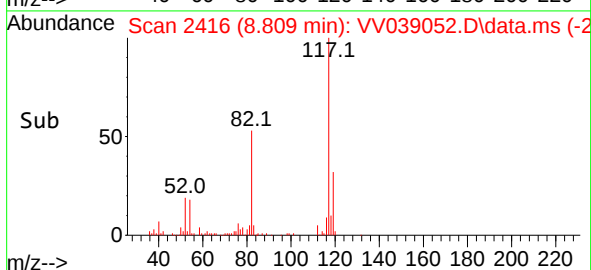
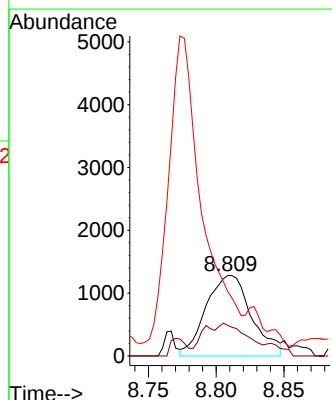
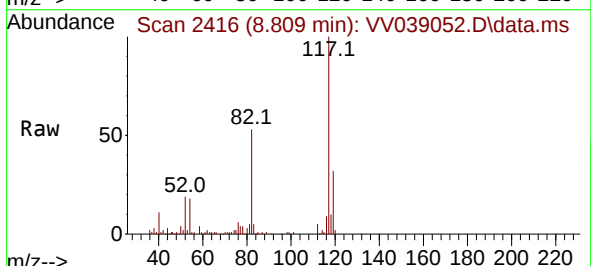
RT: 8.809 min Scan# 2416

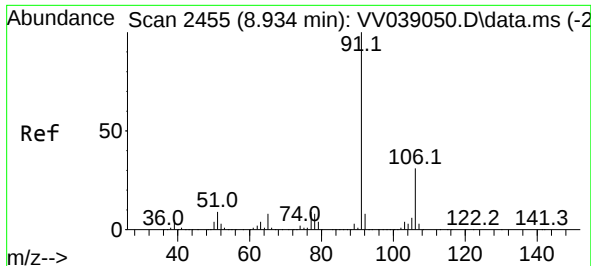
Delta R.T. 0.007 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Tgt Ion:	112	Resp:	2991
Ion	Ratio	Lower	Upper
112	100		
114	37.7	22.3	41.3
77	79.8	45.5	68.3#

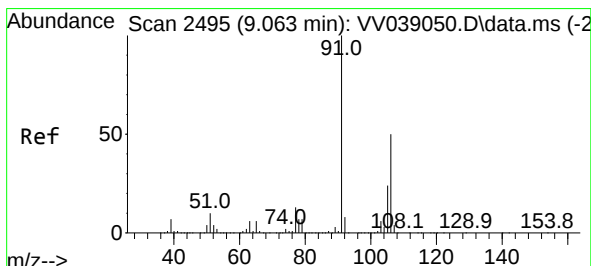
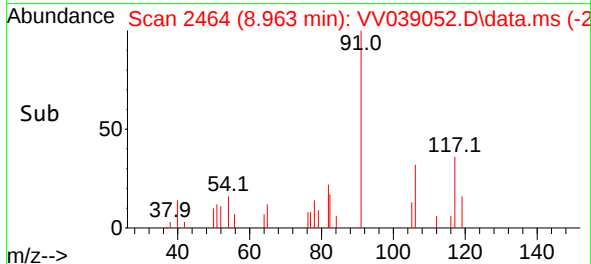
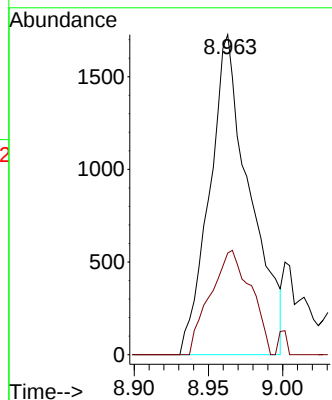
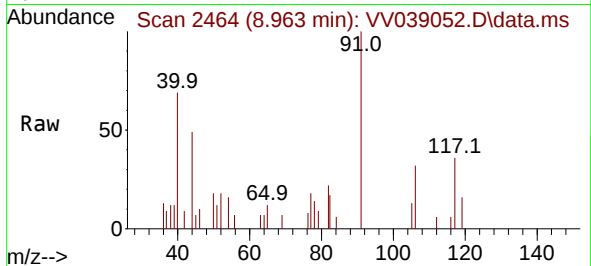




#52
Ethylbenzene
Concen: 0.112 ug/L
RT: 8.963 min Scan# 2455
Delta R.T. 0.029 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

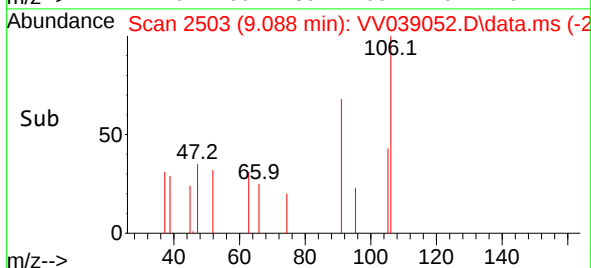
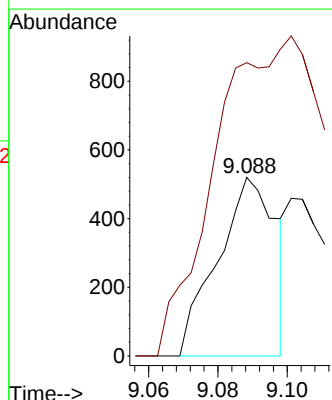
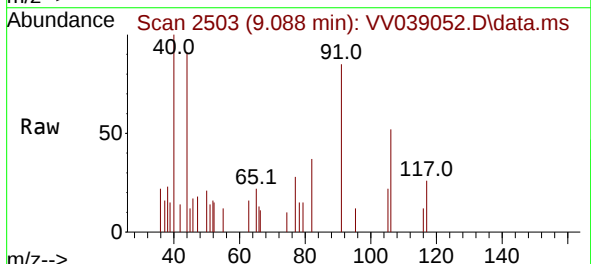
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

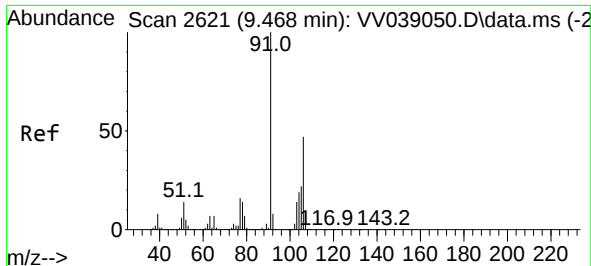
Tgt Ion: 91 Resp: 3255
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 0.054 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.029 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion: 106 Resp: 605
Ion Ratio Lower Upper
106 100
91 164.2 142.0 263.8

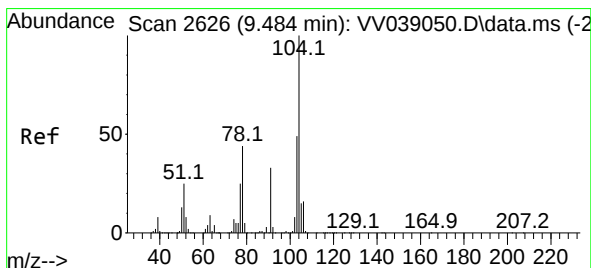
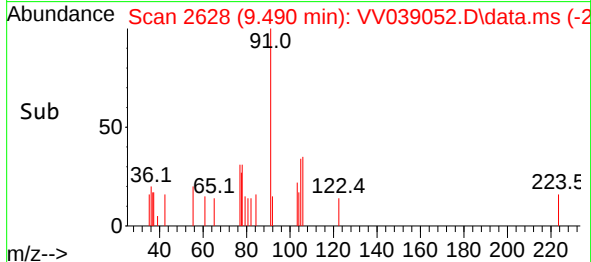
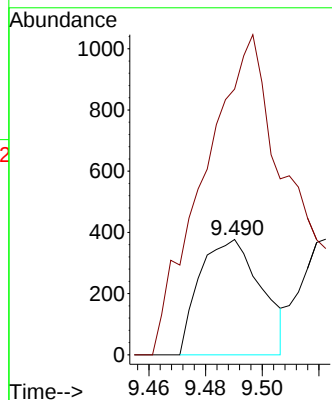
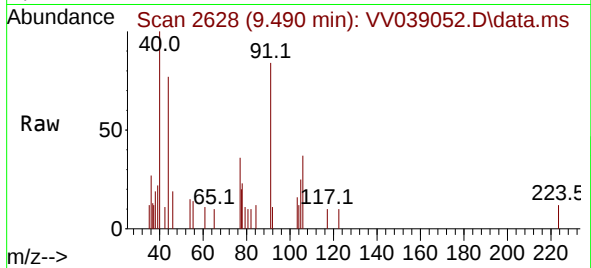




#54
o-Xylene
Concen: 0.055 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.026 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

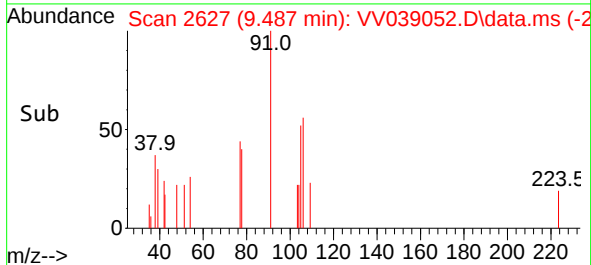
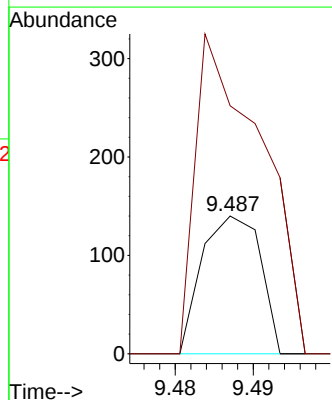
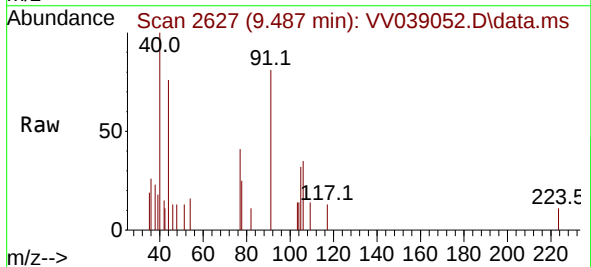
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

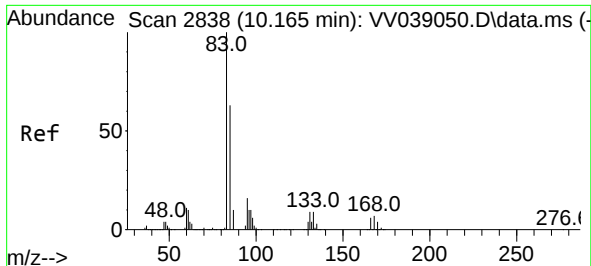
Tgt Ion:106 Resp: 567
Ion Ratio Lower Upper
106 100
91 230.2 149.1 276.9



#55
Styrene
Concen: 0.004 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion:104 Resp: 73
Ion Ratio Lower Upper
104 100
78 180.0 30.3 56.3#

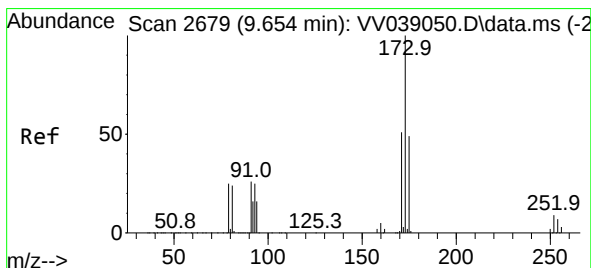
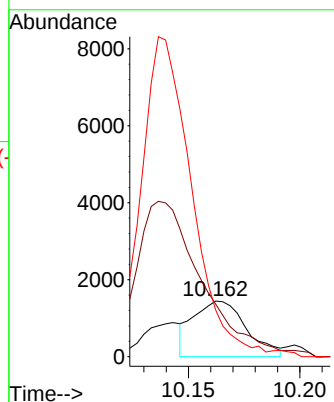
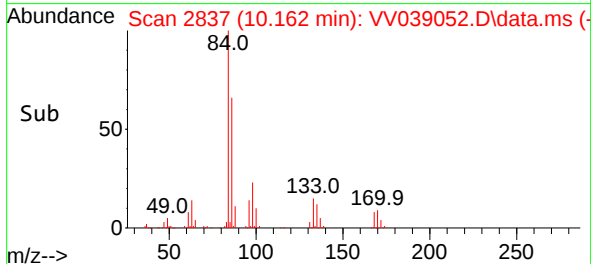
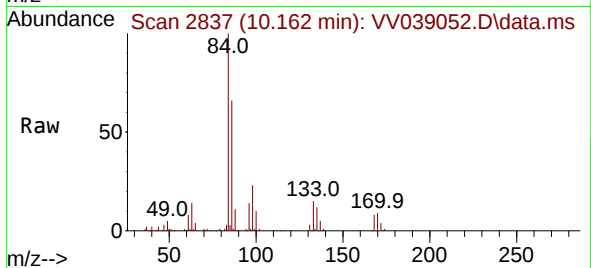




#57
1,1,2,2-Tetrachloroethane
Concen: 0.209 ug/L
RT: 10.162 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

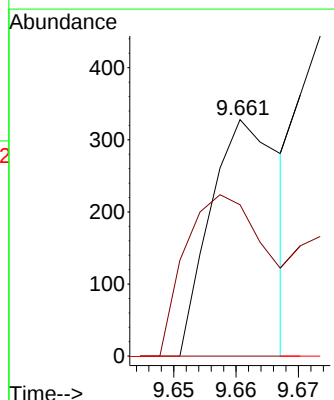
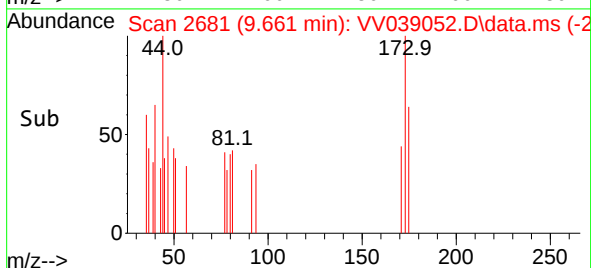
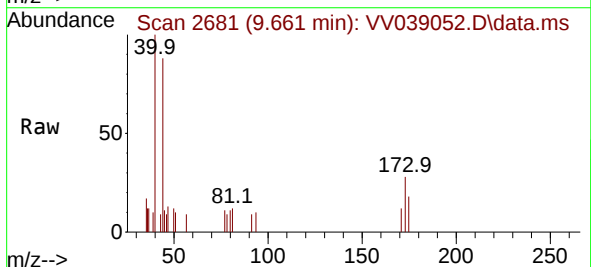
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

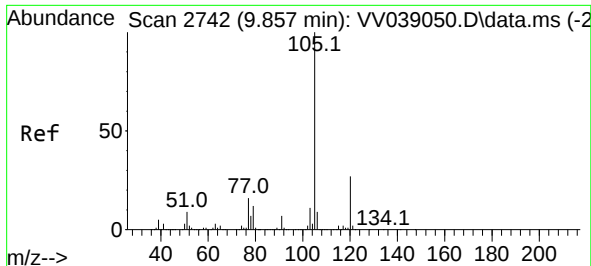
Tgt Ion: 83 Resp: 2390
Ion Ratio Lower Upper
83 100
85 94.3 44.8 83.2#
131 83.8 7.6 11.4#



#59
Bromoform
Concen: 0.059 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.010 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion: 173 Resp: 253
Ion Ratio Lower Upper
173 100
175 79.8 38.9 58.3#
254 0.0 5.9 8.9#

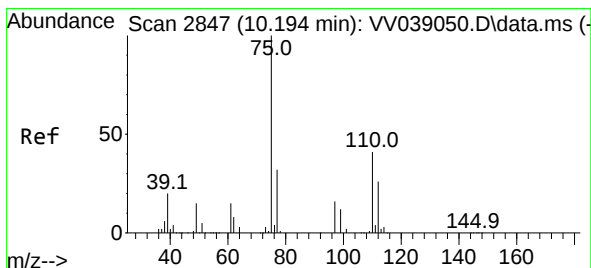
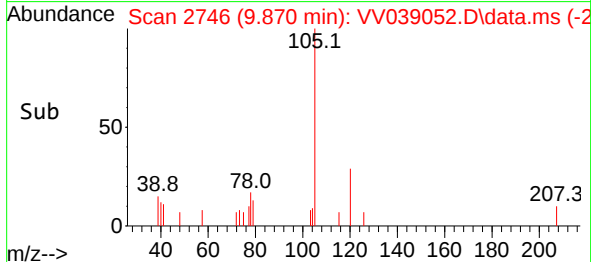
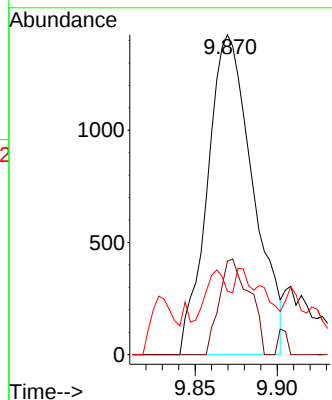
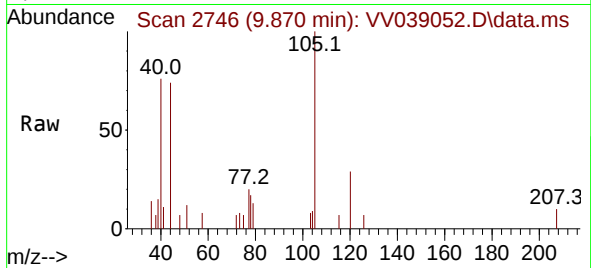




#60
Isopropylbenzene
Concen: 0.126 ug/L
RT: 9.870 min Scan# 2747
Delta R.T. 0.013 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

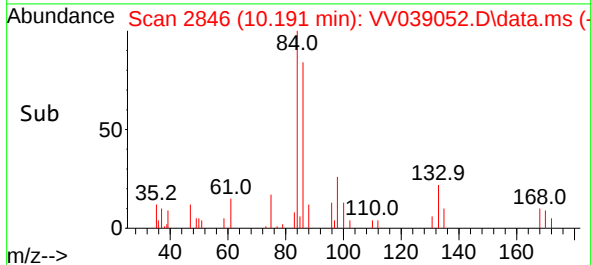
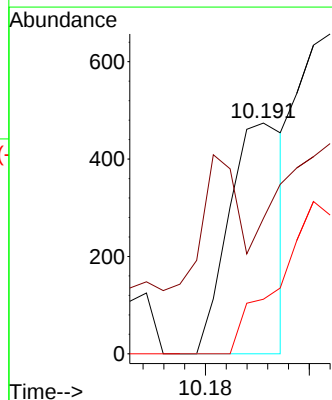
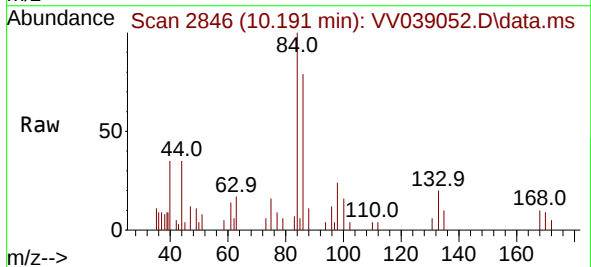
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

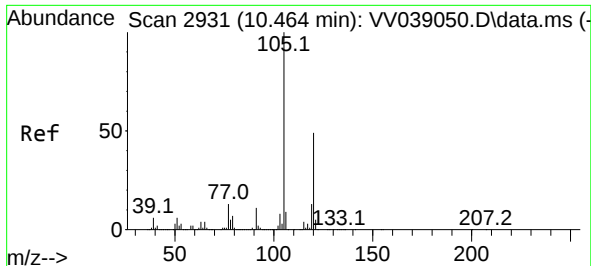
Tgt Ion:105 Resp: 2747
Ion Ratio Lower Upper
105 100
120 19.9 21.0 31.4#
77 7.9 12.2 18.4#



#61
1,2,3-Trichloropropane
Concen: 0.052 ug/L
RT: 10.191 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion: 75 Resp: 348
Ion Ratio Lower Upper
75 100
77 73.6 25.8 38.6#
110 0.0 32.4 48.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.117 ug/L

RT: 10.477 min Scan# 2931

Delta R.T. 0.013 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

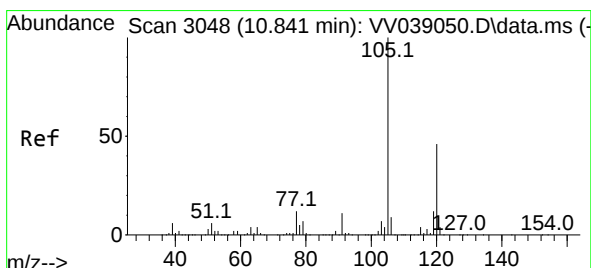
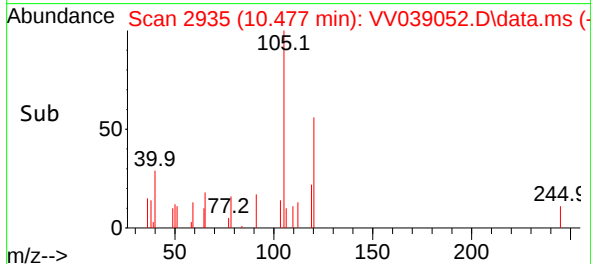
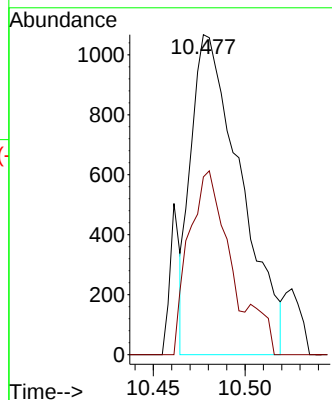
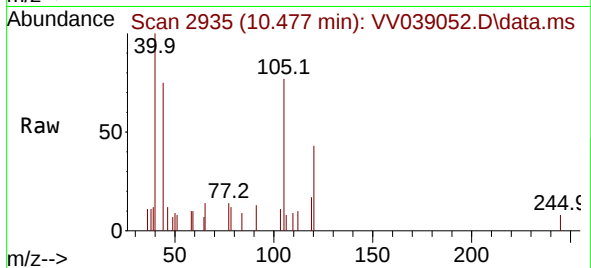
VBLK270

Tgt Ion:105 Resp: 2002

Ion Ratio Lower Upper

105 100

120 44.4 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 0.011 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.081 min

Lab File: VV039052.D

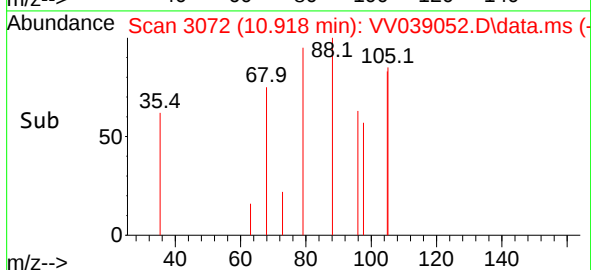
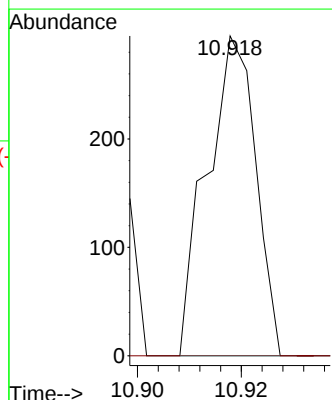
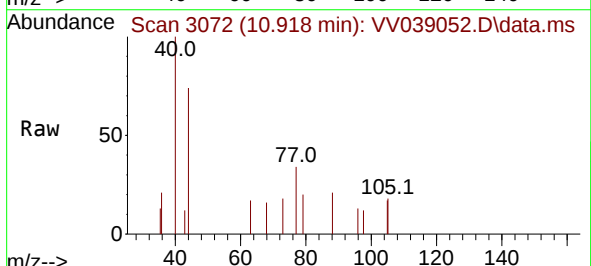
Acq: 12 Sep 2025 10:36

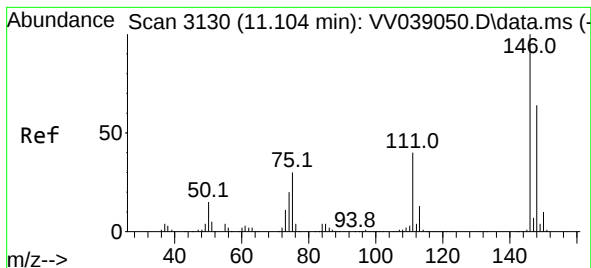
Tgt Ion:105 Resp: 193

Ion Ratio Lower Upper

105 100

120 50.8 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 0.174 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.019 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK270

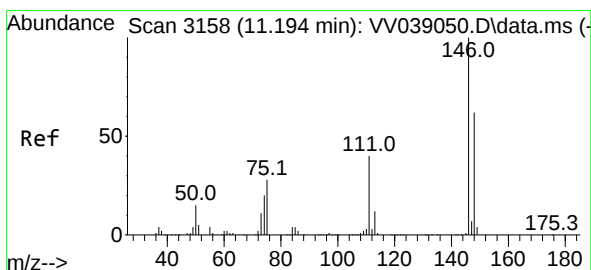
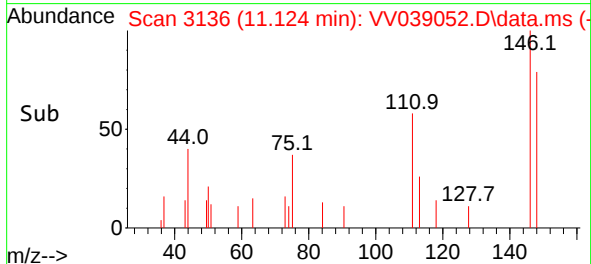
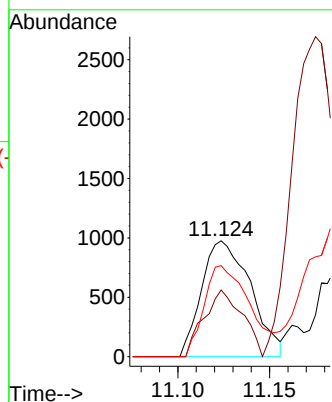
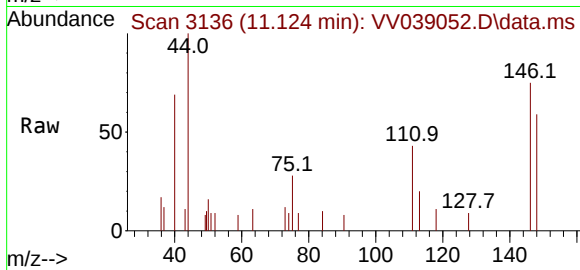
Tgt Ion:146 Resp: 1810

Ion Ratio Lower Upper

146 100

111 57.6 28.3 52.5#

148 78.6 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 0.237 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.007 min

Lab File: VV039052.D

Acq: 12 Sep 2025 10:36

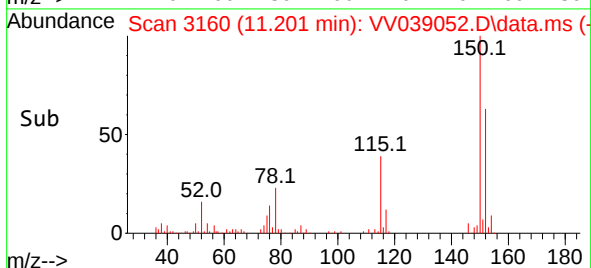
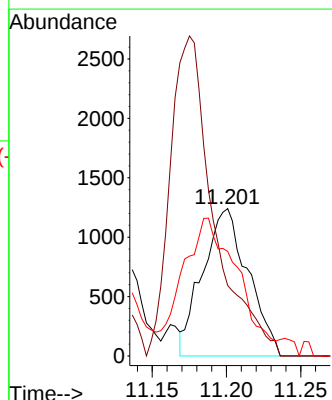
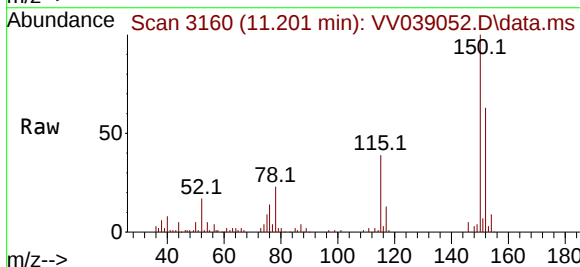
Tgt Ion:146 Resp: 2634

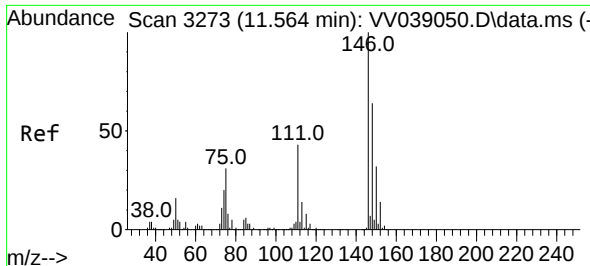
Ion Ratio Lower Upper

146 100

111 47.8 27.0 50.2

148 71.0 44.0 81.6

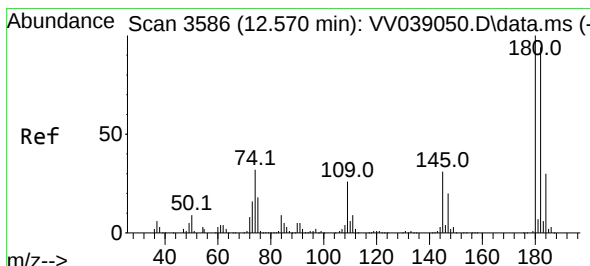
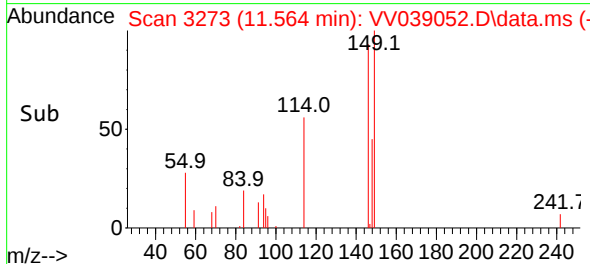
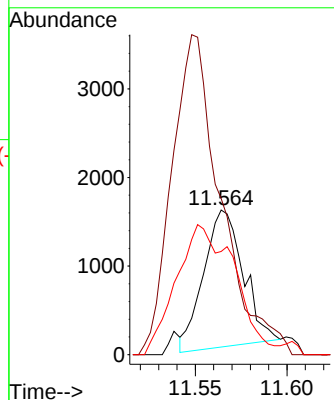
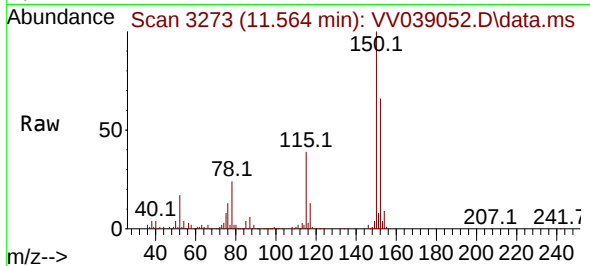




#67
1,2-Dichlorobenzene
Concen: 0.224 ug/L
RT: 11.564 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

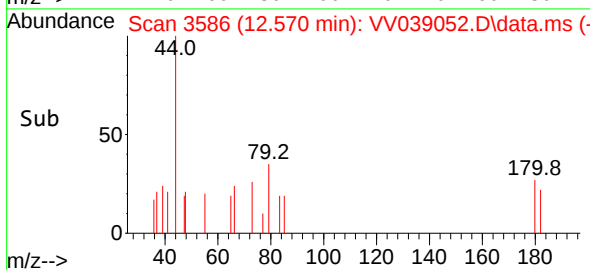
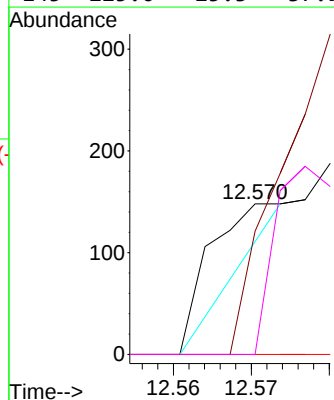
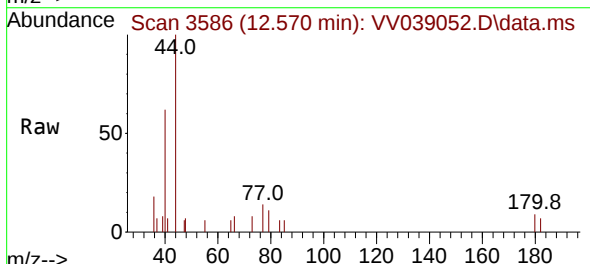
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

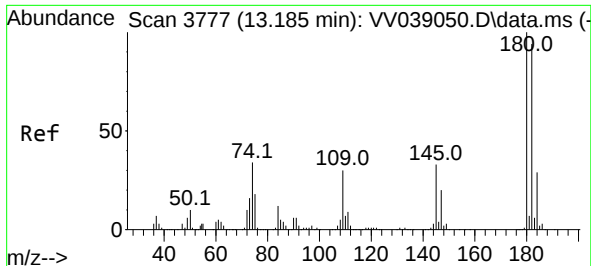
Tgt Ion:146 Resp: 2327
Ion Ratio Lower Upper
146 100
111 107.9 33.4 50.2#
148 71.4 50.4 75.6



#69
1,3,5-Trichlorobenzene
Concen: 0.007 ug/L
RT: 12.570 min Scan# 3586
Delta R.T. 0.003 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion:180 Resp: 44
Ion Ratio Lower Upper
180 100
182 0.0 75.0 112.4#
184 0.0 23.8 35.8#
145 225.0 25.3 37.9#

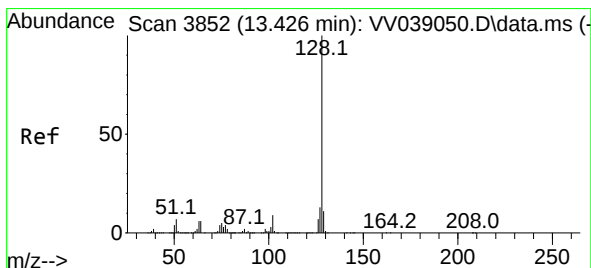
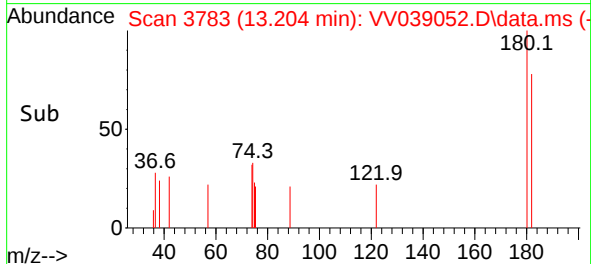
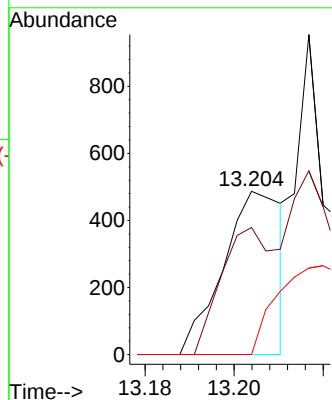
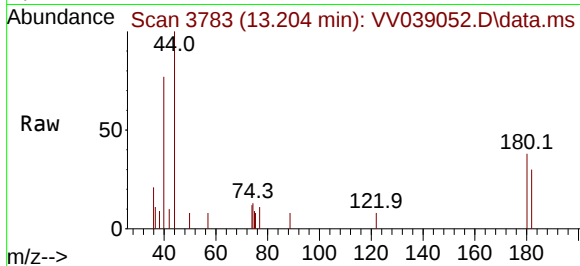




#70
1,2,4-trichlorobenzene
Concen: 0.076 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.019 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

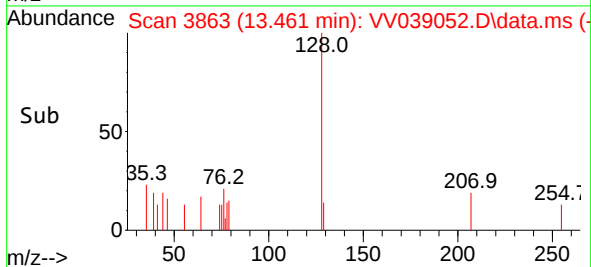
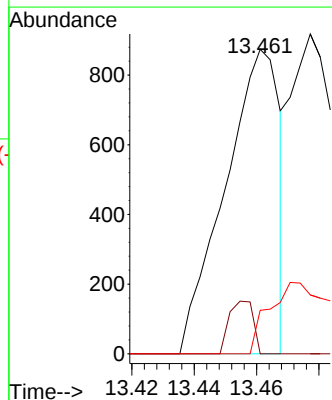
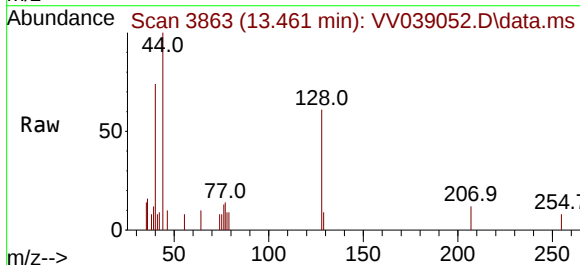
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

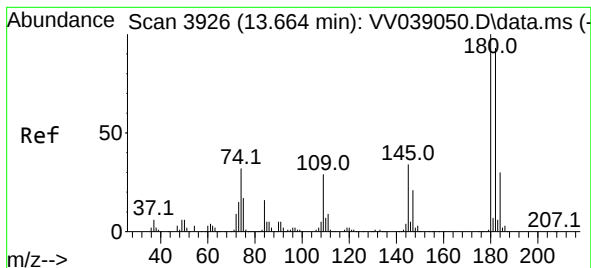
Tgt Ion:180 Resp: 445
Ion Ratio Lower Upper
180 100
182 61.3 76.0 114.0#
145 0.0 25.8 38.6#



#71
Naphthalene
Concen: 0.055 ug/L
RT: 13.461 min Scan# 3863
Delta R.T. 0.036 min
Lab File: VV039052.D
Acq: 12 Sep 2025 10:36

Tgt Ion:128 Resp: 1062
Ion Ratio Lower Upper
128 100
127 7.6 10.3 15.5#
129 0.0 8.6 12.8#





#72

1,2,3-Trichlorobenzene

Concen: 0.049 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.007 min

Lab File: VV039052.D

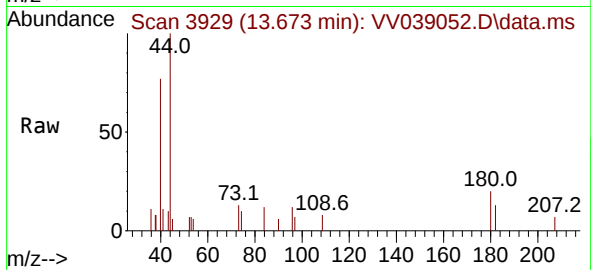
Acq: 12 Sep 2025 10:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK270



Tgt Ion:180 Resp: 297

Ion Ratio Lower Upper

180 100

182 0.0 75.9 113.9#

145 0.0 27.1 40.7#

