

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039141.D
 Acq On : 22 Sep 2025 14:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Sep 24 08:09:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	370531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	869931	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	813119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	327654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	412124	76.850	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 153.700%#	
35) Dibromofluoromethane	4.500	113	360097	51.490	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.980%	
50) Toluene-d8	7.236	98	1129940	55.011	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	10.001	95	331608	39.217	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 78.440%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	307	0.052	ug/l #	52
3) Chloromethane	1.233	50	975	0.155	ug/l #	69
4) Vinyl Chloride	1.294	62	872	0.129	ug/l #	86
5) Bromomethane	1.506	94	2020	0.475	ug/l #	75
6) Chloroethane	1.561	64	257	Below Cal	#	44
7) Trichlorofluoromethane	1.725	101	625	0.064	ug/l #	66
8) Diethyl Ether	1.873	74	183	0.051	ug/l	63
9) 1,1,2-Trichlorotrifluo...	2.079	101	1011	0.174	ug/l #	88
10) Methyl Iodide	2.214	142	2330	0.421	ug/l #	82
11) Tert butyl alcohol	2.567	59	79	0.070	ug/l #	1
12) 1,1-Dichloroethene	2.076	96	381	0.068	ug/l #	8
13) Acrolein	2.011	56	91	0.463	ug/l #	1
14) Allyl chloride	2.358	41	1038	0.104	ug/l #	55
15) Acrylonitrile	2.693	53	2563	0.705	ug/l #	74
16) Acetone	2.130	43	2694	Below Cal	#	84
17) Carbon Disulfide	2.256	76	11165	0.653	ug/l	99
18) Methyl Acetate	2.381	43	320	0.040	ug/l #	1
19) Methyl tert-butyl Ether	2.731	73	704	0.040	ug/l	97
20) Methylene Chloride	2.461	84	8081	Below Cal	#	87
21) trans-1,2-Dichloroethene	2.709	96	1931	0.325	ug/l #	89
22) Diisopropyl ether	3.217	45	225	0.012	ug/l #	1
23) Vinyl Acetate	3.166	43	276	0.017	ug/l #	1
24) 1,1-Dichloroethane	3.117	63	286	0.024	ug/l #	1
25) 2-Butanone	3.854	43	351	0.082	ug/l #	49
26) 2,2-Dichloropropane	3.834	77	246	0.024	ug/l	85
27) cis-1,2-Dichloroethene	3.838	96	554	0.084	ug/l	58
28) Bromochloromethane	4.149	49	315	0.061	ug/l #	67
29) Tetrahydrofuran	4.439	42	122	0.045	ug/l	89
30) Chloroform	4.281	83	419	0.034	ug/l #	52
31) Cyclohexane	4.600	56	10071	1.053	ug/l #	4
32) 1,1,1-Trichloroethane	4.503	97	107	0.010	ug/l #	25
36) 1,1-Dichloropropene	4.596	75	36791	3.480	ug/l #	49
37) Ethyl Acetate	3.976	43	273	0.021	ug/l #	47
38) Carbon Tetrachloride	4.600	117	42422	3.283	ug/l #	16
39) Methylcyclohexane	6.053	83	1823	0.143	ug/l	94
40) Benzene	4.995	78	274	0.008	ug/l #	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	109	1.929	ug/l #	1
42) 1,2-Dichloroethane	5.034	62	191	0.016	ug/l #	74
43) Isopropyl Acetate	5.194	43	61	0.003	ug/l #	1
44) Trichloroethene	5.847	130	384	0.048	ug/l	44
45) 1,2-Dichloropropane	6.091	63	106	0.012	ug/l #	22
46) Dibromomethane	6.236	93	150	0.023	ug/l #	41
47) Bromodichloromethane	6.436	83	212	0.016	ug/l #	51
48) Methyl methacrylate	6.300	41	173	0.022	ug/l #	12
49) 1,4-Dioxane	6.300	88	50	0.391	ug/l #	1
51) 4-Methyl-2-Pentanone	7.117	43	294	0.026	ug/l #	35
52) Toluene	7.304	92	217	0.011	ug/l	78
53) t-1,3-Dichloropropene	7.612	75	384	0.033	ug/l	93
54) cis-1,3-Dichloropropene	6.976	75	168	0.013	ug/l #	46
55) 1,1,2-Trichloroethane	7.760	97	142	0.016	ug/l #	33
56) Ethyl methacrylate	7.712	69	187	0.018	ug/l #	51
57) 1,3-Dichloropropane	7.927	76	128	0.009	ug/l #	42
58) 2-Chloroethyl Vinyl ether	6.937	63	305	9.672	ug/l	94
59) 2-Hexanone	8.014	43	237	2.351	ug/l	79
60) Dibromochloromethane	8.188	129	438	0.043	ug/l	91
61) 1,2-Dibromoethane	8.310	107	522	0.057	ug/l #	80
64) Tetrachloroethene	7.908	164	874	0.128	ug/l #	78
65) Chlorobenzene	8.808	112	2923	0.129	ug/l #	60
66) 1,1,1,2-Tetrachloroethane	8.911	131	177	0.022	ug/l #	27
67) Ethyl Benzene	8.963	91	1929	0.056	ug/l #	86
68) m/p-Xylenes	9.027	106	45	0.003	ug/l #	1
69) o-Xylene	9.493	106	427	0.036	ug/l	93
70) Styrene	9.538	104	457	1.579	ug/l #	40
71) Bromoform	9.677	173	713	0.112	ug/l #	90
73) Isopropylbenzene	9.873	105	1612	0.068	ug/l	89
74) N-amyl acetate	9.722	43	110	0.012	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	10.172	83	202	0.019	ug/l #	72
76) 1,2,3-Trichloropropane	10.001	75	170484	22.853	ug/l #	55
77) Bromobenzene	10.162	156	1022	0.166	ug/l	97
78) n-propylbenzene	10.297	91	4165	0.144	ug/l	94
79) 2-Chlorotoluene	10.416	91	266	0.015	ug/l	72
80) 1,3,5-Trimethylbenzene	10.471	105	962	0.049	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.001	75	170484	54.862	ug/l #	13
82) 4-Chlorotoluene	10.496	91	2927	0.146	ug/l	80
83) tert-Butylbenzene	10.799	119	1475	0.075	ug/l	80
84) 1,2,4-Trimethylbenzene	10.857	105	1737	0.091	ug/l	80
85) sec-Butylbenzene	11.024	105	3124	0.120	ug/l	90
86) p-Isopropyltoluene	11.181	119	2690	0.124	ug/l #	48
87) 1,3-Dichlorobenzene	11.127	146	2901	0.232	ug/l	98
88) 1,4-Dichlorobenzene	11.127	146	2901	0.212	ug/l	98
89) n-Butylbenzene	11.596	91	4544	0.219	ug/l	92
90) Hexachloroethane	11.828	117	715	0.134	ug/l	65
91) 1,2-Dichlorobenzene	11.586	146	2363	0.203	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	12.365	75	430	Below Cal	#	19
93) 1,2,4-Trichlorobenzene	13.207	180	2746	0.411	ug/l	93
94) Hexachlorobutadiene	13.368	225	1398	0.403	ug/l	84
95) Naphthalene	13.464	128	5204	0.241	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.676	180	2324	0.340	ug/l	79

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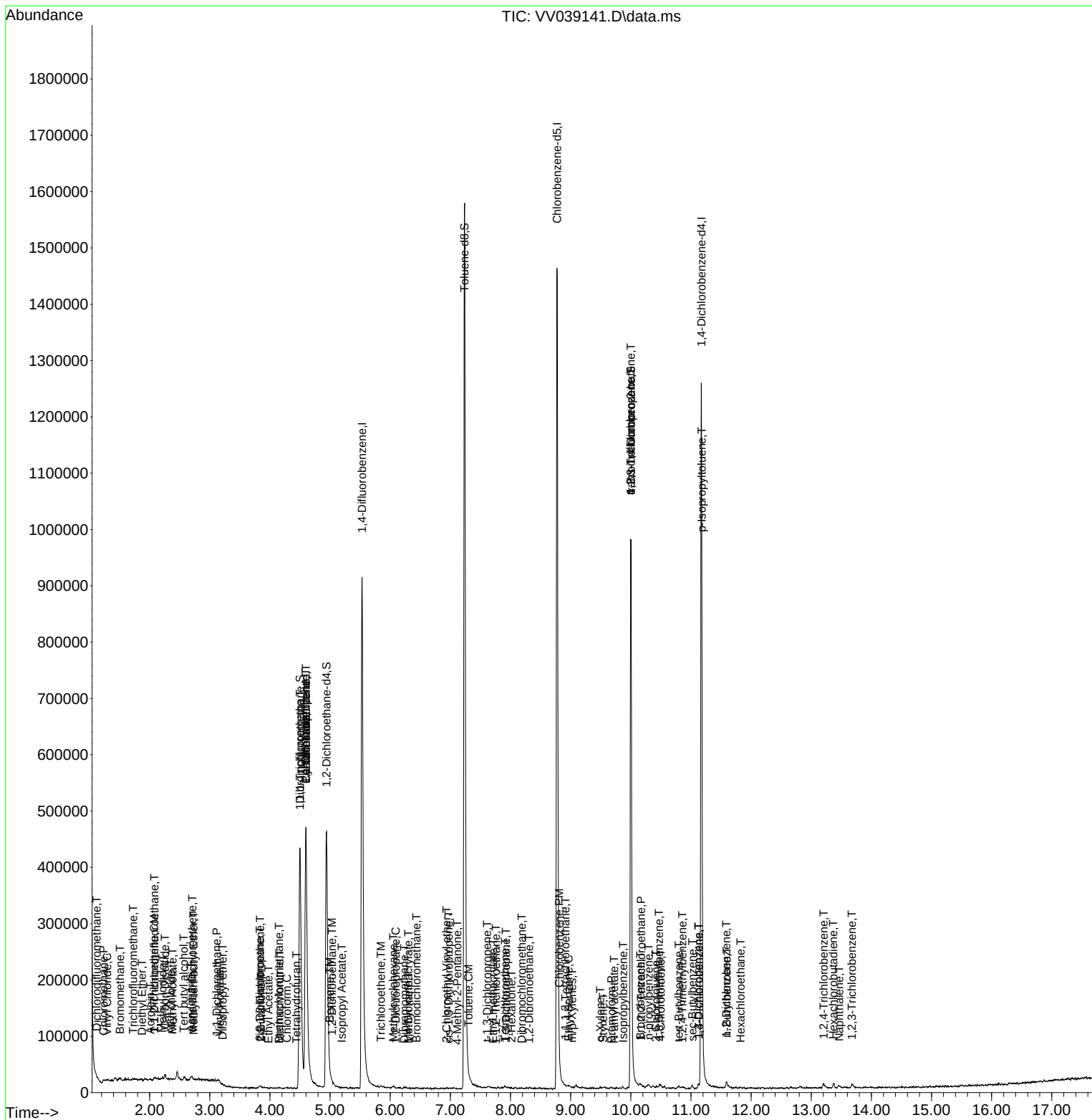
Instrument :
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VIBLK

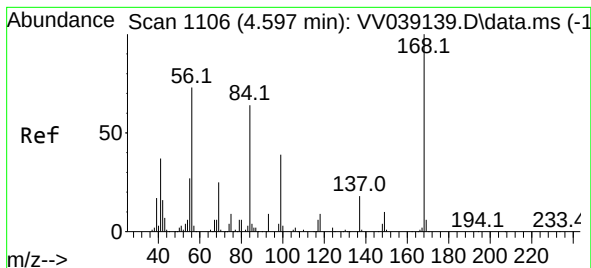
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039141.D

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Instrument :

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ClientSampleId :

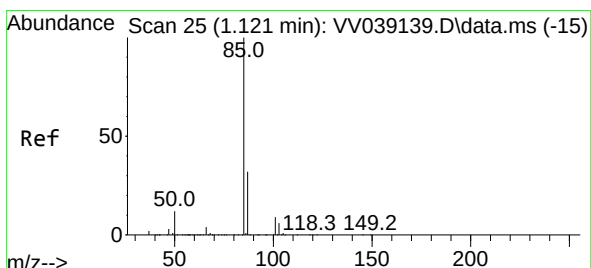
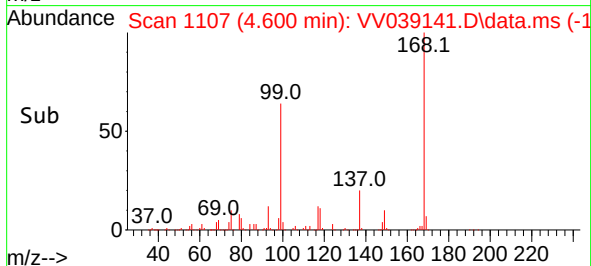
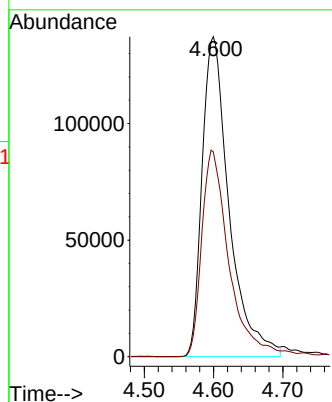
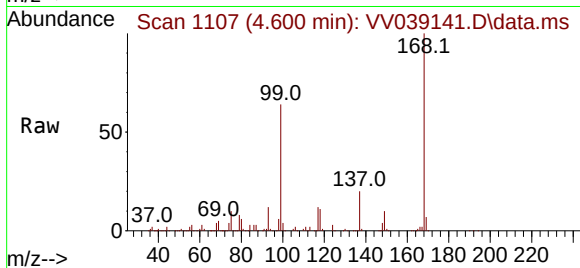
VIBLK

Tgt Ion:168 Resp: 370531

Ion Ratio Lower Upper

168 100

99 63.9 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 0.052 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039141.D

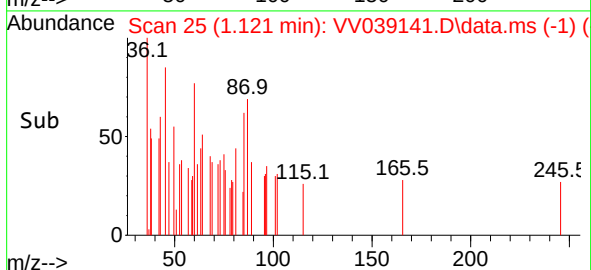
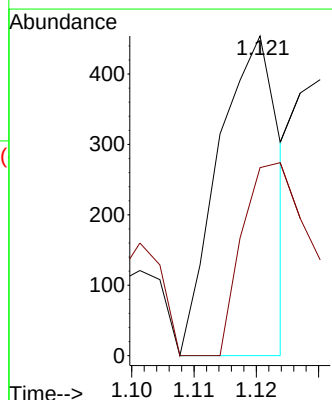
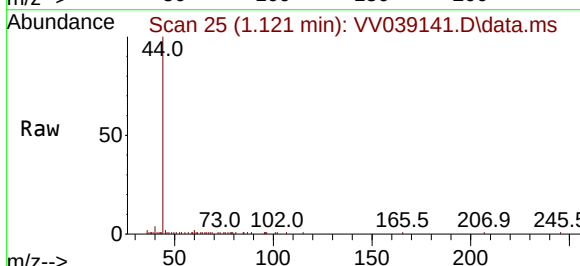
Acq: 22 Sep 2025 14:21

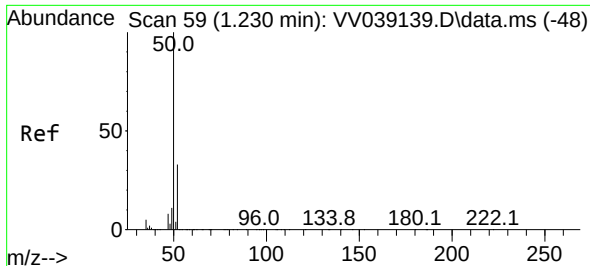
Tgt Ion: 85 Resp: 307

Ion Ratio Lower Upper

85 100

87 58.8 16.0 47.9#

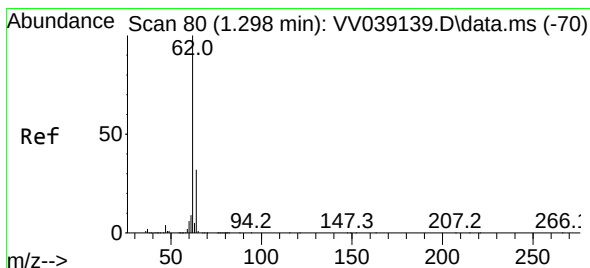
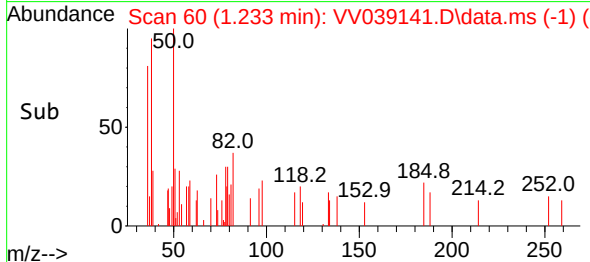
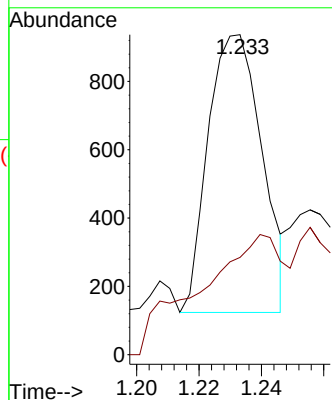
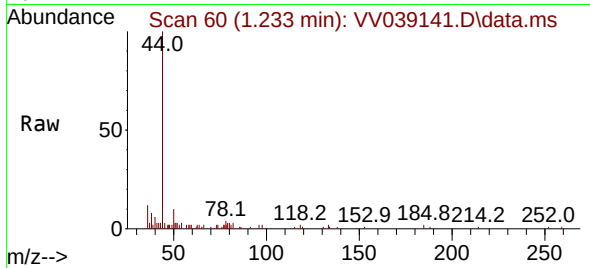




#3
Chloromethane
Concen: 0.155 ug/l
RT: 1.233 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

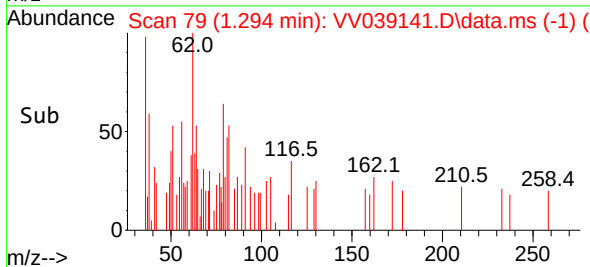
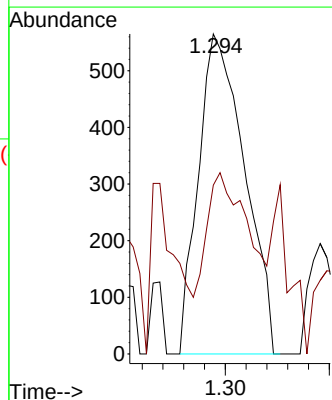
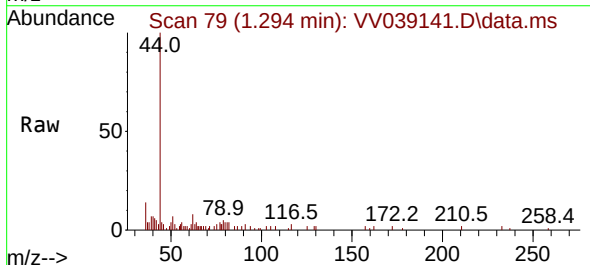
Instrument :
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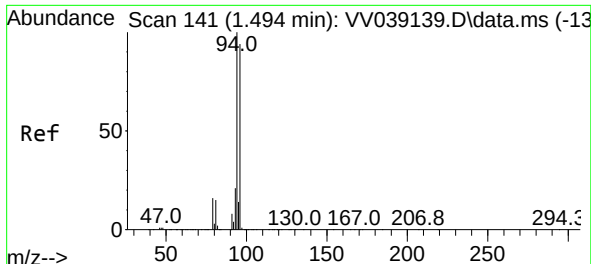
Tgt Ion: 50 Resp: 975
Ion Ratio Lower Upper
50 100
52 15.3 26.0 39.0#



#4
Vinyl Chloride
Concen: 0.129 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 62 Resp: 872
Ion Ratio Lower Upper
62 100
64 24.4 25.6 38.4#

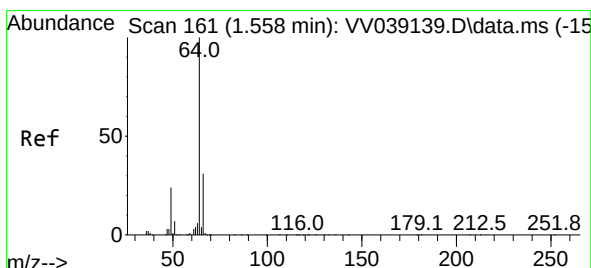
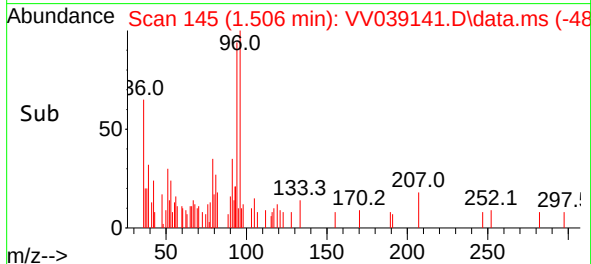
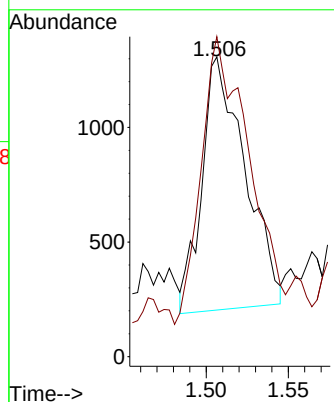
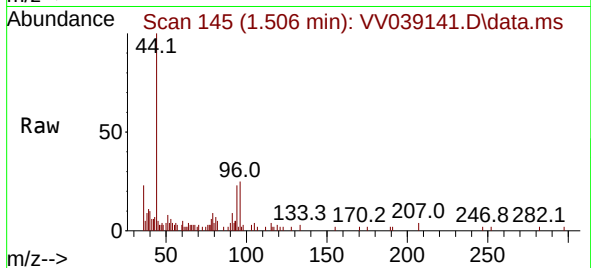




#5
Bromomethane
Concen: 0.475 ug/l
RT: 1.506 min Scan# 141
Delta R.T. 0.012 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

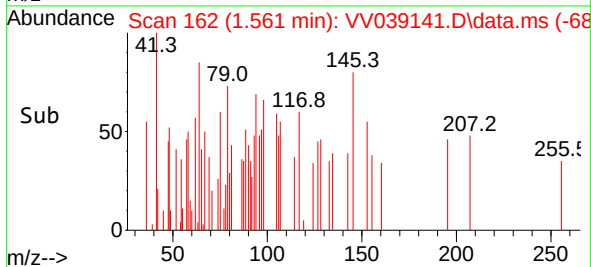
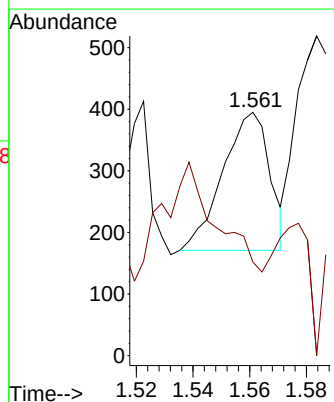
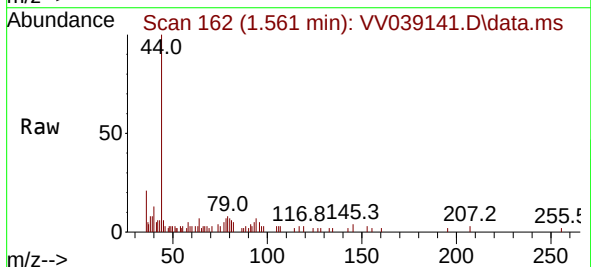
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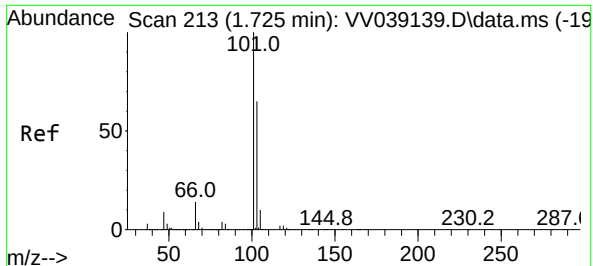
Tgt Ion: 94 Resp: 2020
Ion Ratio Lower Upper
94 100
96 117.3 74.9 112.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 64 Resp: 257
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

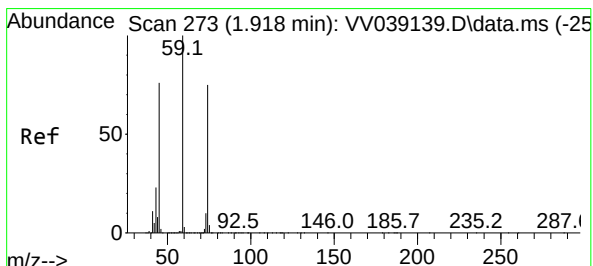
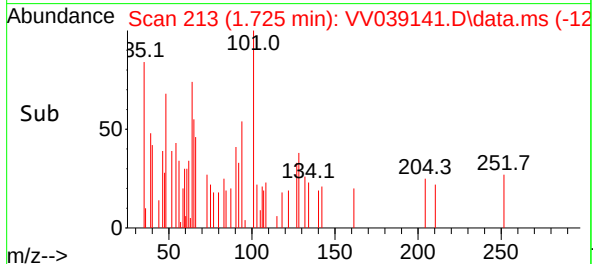
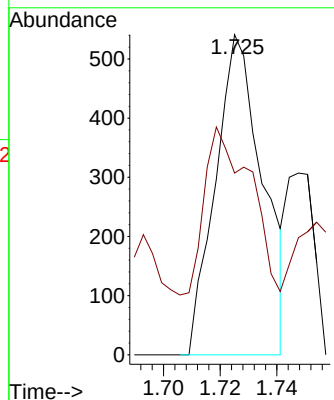
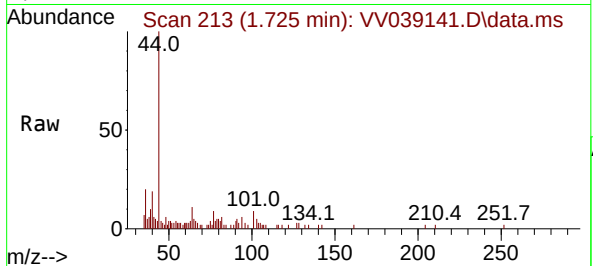




#7
 Trichlorofluoromethane
 Concen: 0.064 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

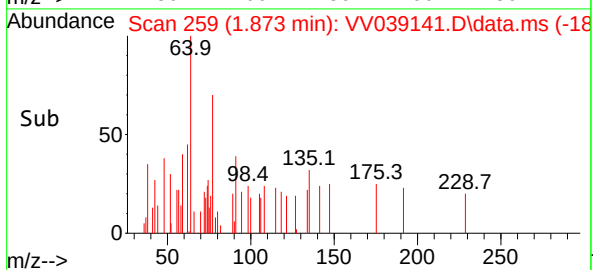
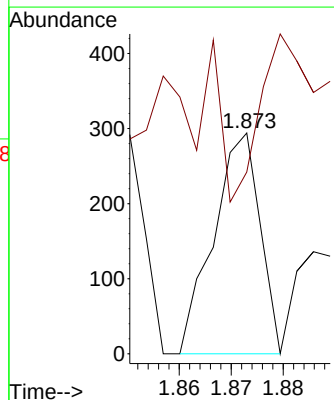
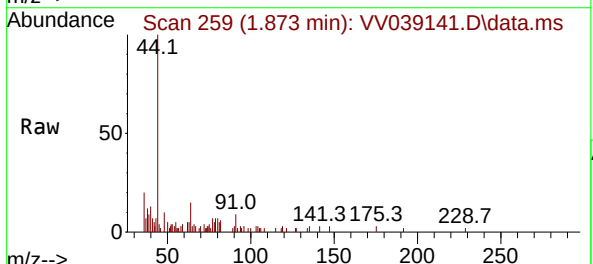
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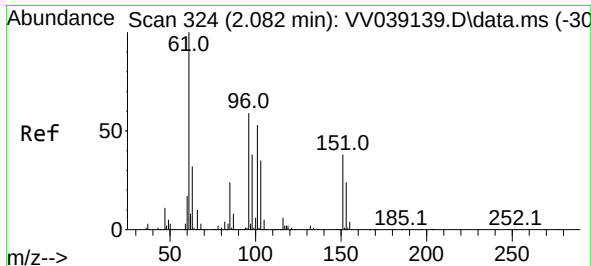
Tgt Ion:101 Resp: 625
 Ion Ratio Lower Upper
 101 100
 103 38.1 52.0 78.0#



#8
 Diethyl Ether
 Concen: 0.051 ug/l
 RT: 1.873 min Scan# 259
 Delta R.T. -0.045 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

Tgt Ion: 74 Resp: 183
 Ion Ratio Lower Upper
 74 100
 45 62.3 49.6 148.8

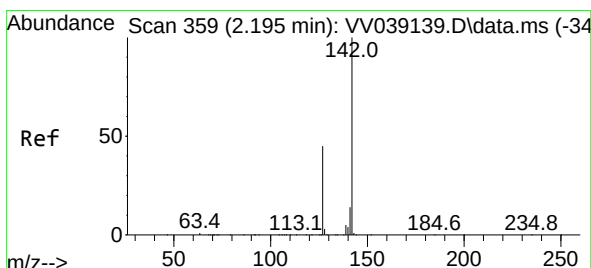
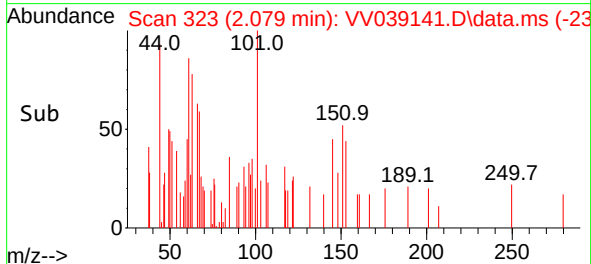
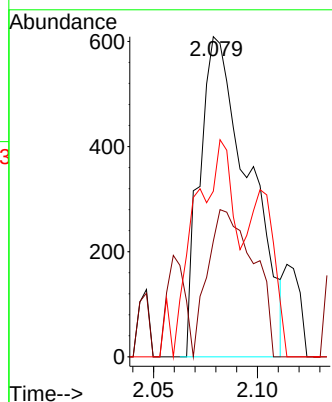
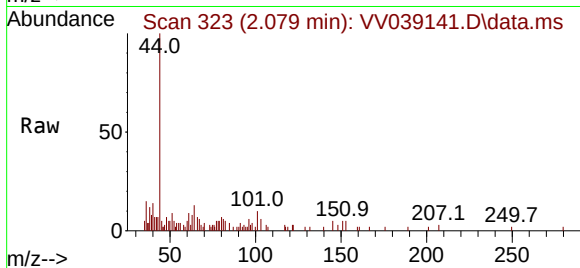




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.174 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.003 min
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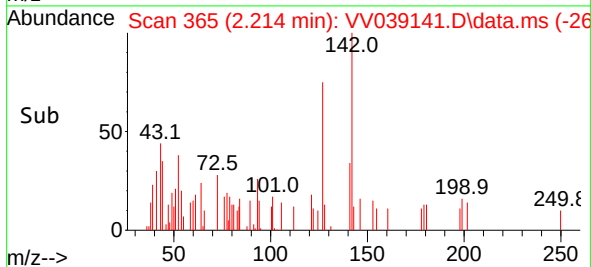
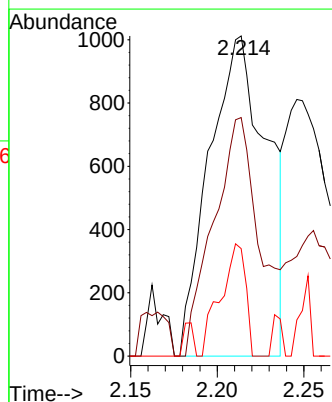
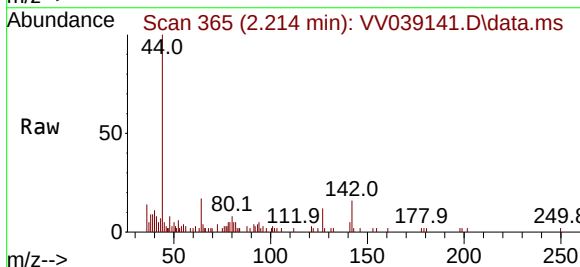
Instrument :
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ClientSampleId :
VIBLK

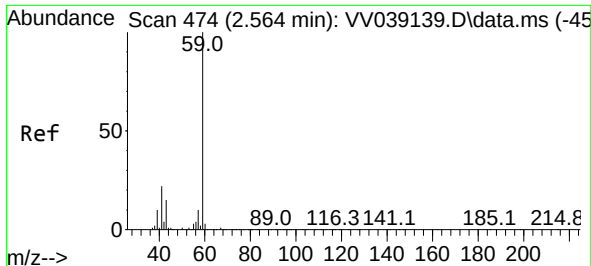
Tgt Ion:101 Resp: 1011
Ion Ratio Lower Upper
101 100
85 42.5 36.2 54.2
151 55.8 56.3 84.5#



#10
Methyl Iodide
Concen: 0.421 ug/l
RT: 2.214 min Scan# 365
Delta R.T. 0.019 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion:142 Resp: 2330
Ion Ratio Lower Upper
142 100
127 59.9 36.3 54.5#
141 15.3 11.2 16.8





#11

Tert butyl alcohol

Concen: 0.070 ug/l

RT: 2.567 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

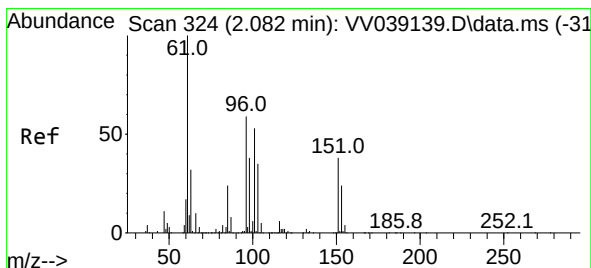
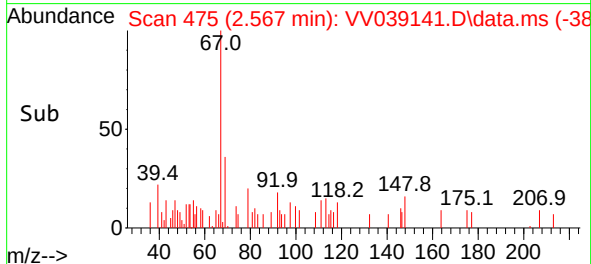
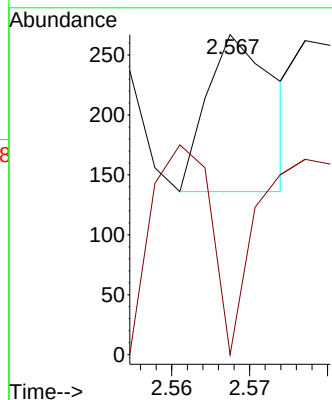
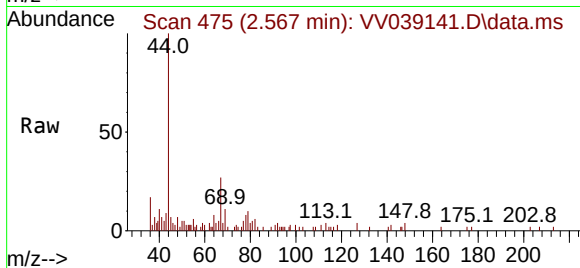
VIBLK

Tgt Ion: 59 Resp: 79

Ion Ratio Lower Upper

59 100

57 115.2 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 0.068 ug/l

RT: 2.076 min Scan# 322

Delta R.T. -0.007 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

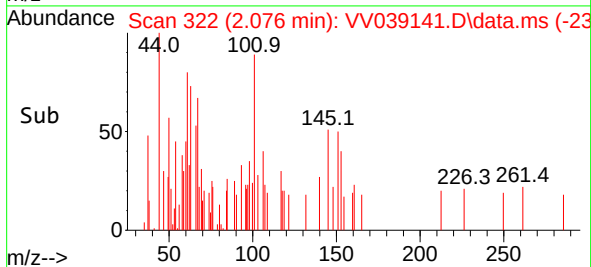
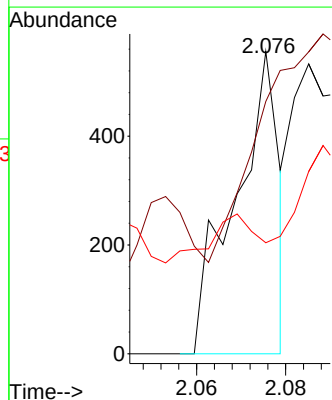
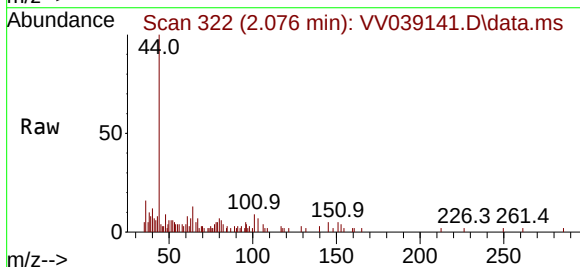
Tgt Ion: 96 Resp: 381

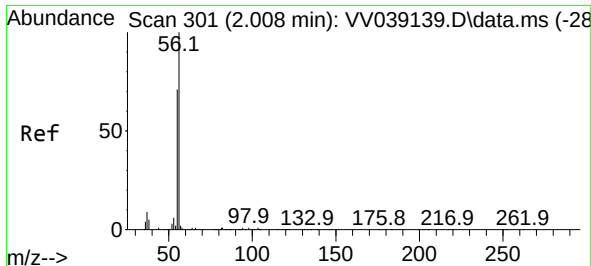
Ion Ratio Lower Upper

96 100

61 36.7 136.0 204.0#

98 2.7 51.0 76.6#

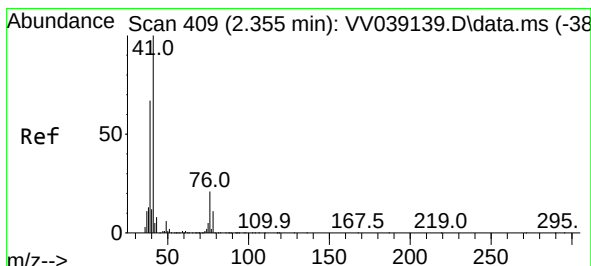
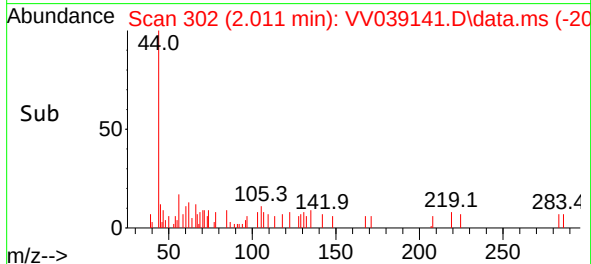
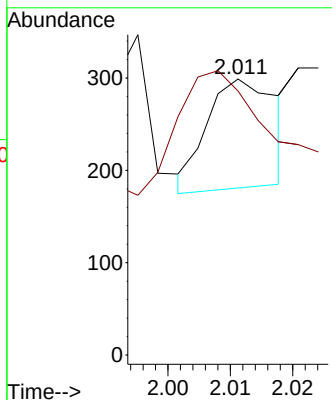
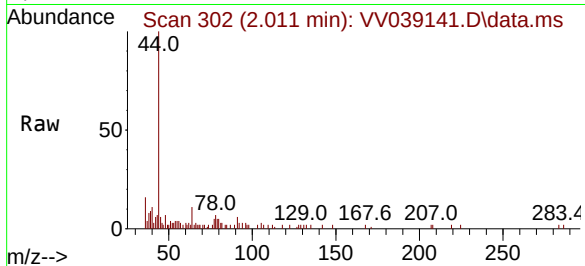




#13
Acrolein
Concen: 0.463 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

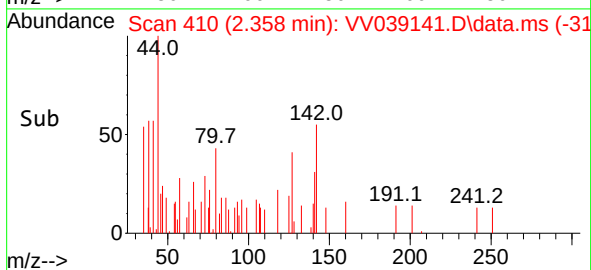
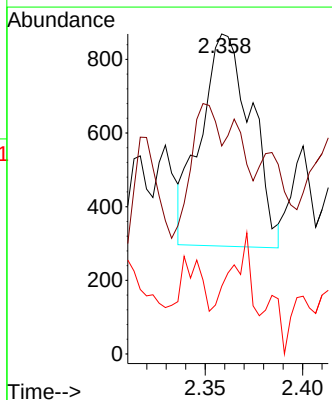
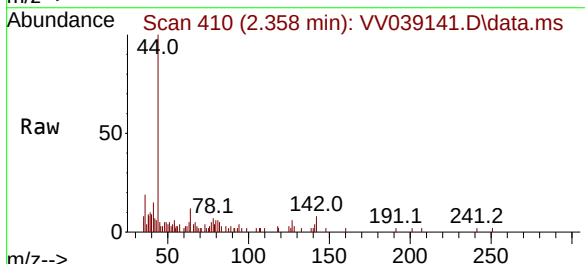
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

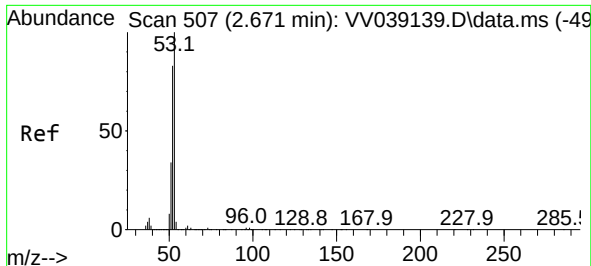
Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 162.6 56.2 84.4#



#14
Allyl chloride
Concen: 0.104 ug/l
RT: 2.358 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 41 Resp: 1038
Ion Ratio Lower Upper
41 100
39 35.9 51.0 76.6#
76 0.0 28.2 42.4#

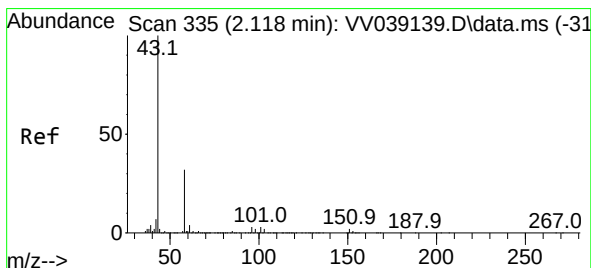
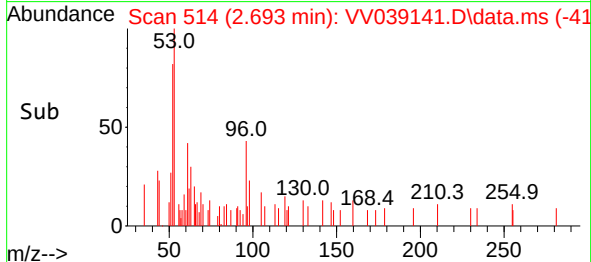
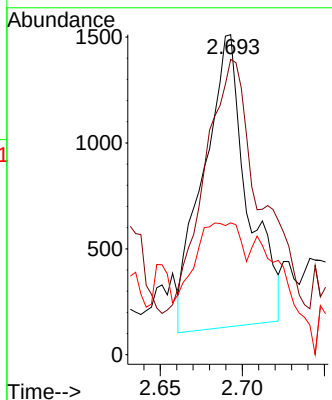
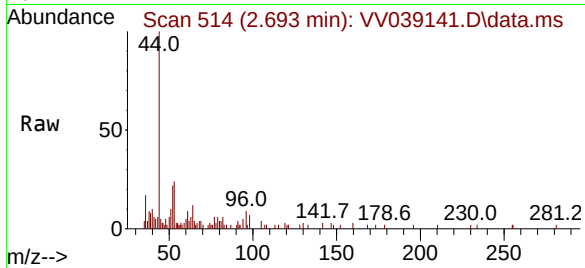




#15
Acrylonitrile
Concen: 0.705 ug/l
RT: 2.693 min Scan# 514
Delta R.T. 0.022 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

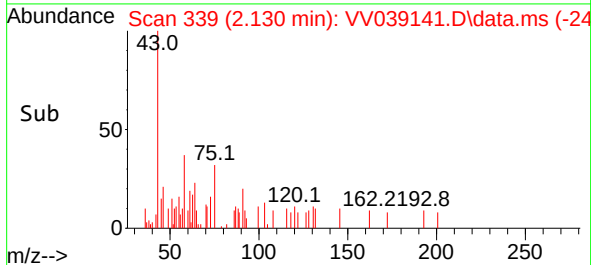
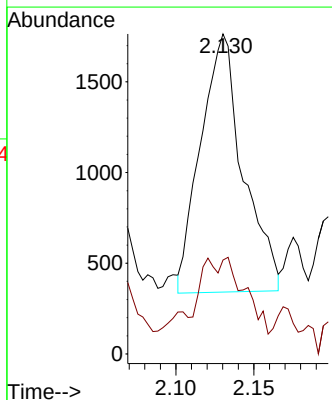
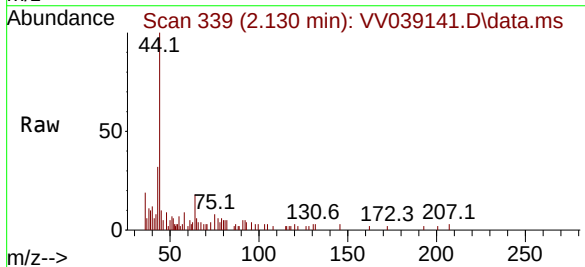
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

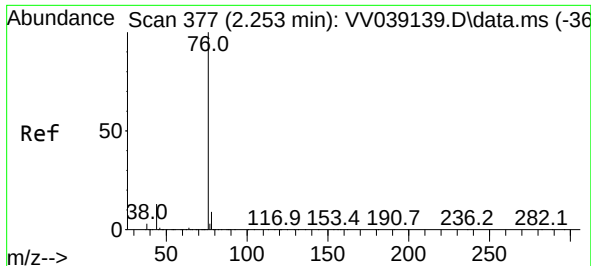
Tgt Ion: 53 Resp: 2563
Ion Ratio Lower Upper
53 100
52 109.1 66.1 99.1#
51 24.2 28.5 42.7#



#16
Acetone
Concen: Below Cal
RT: 2.130 min Scan# 339
Delta R.T. 0.012 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
58 23.2 25.8 38.6#

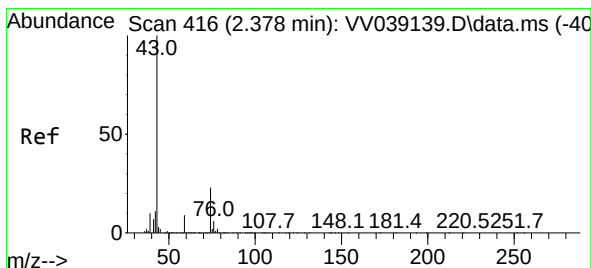
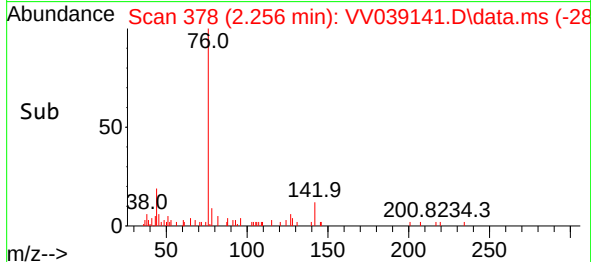
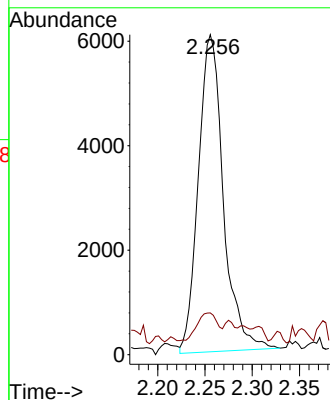
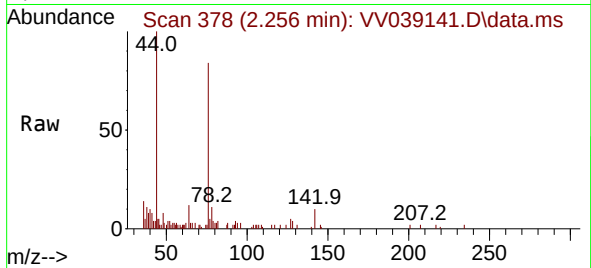




#17
Carbon Disulfide
Concen: 0.653 ug/l
RT: 2.256 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

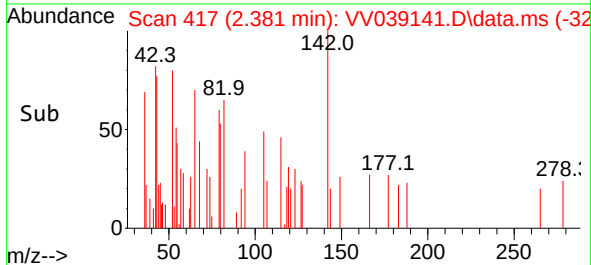
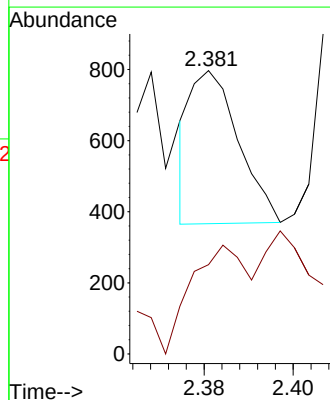
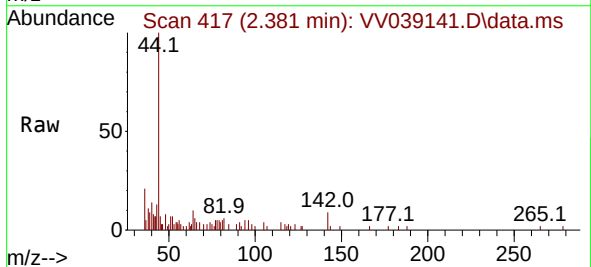
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

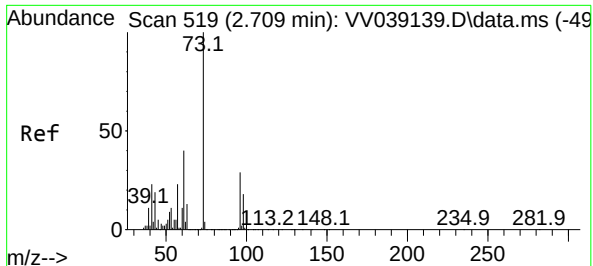
Tgt Ion: 76 Resp: 11165
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 0.040 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
74 84.7 18.6 27.8#

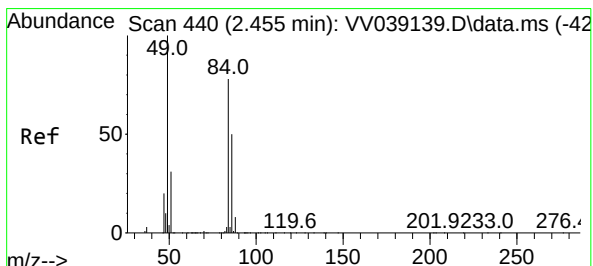
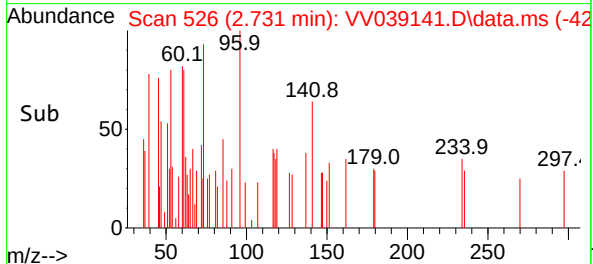
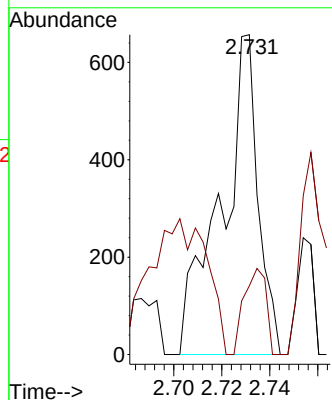
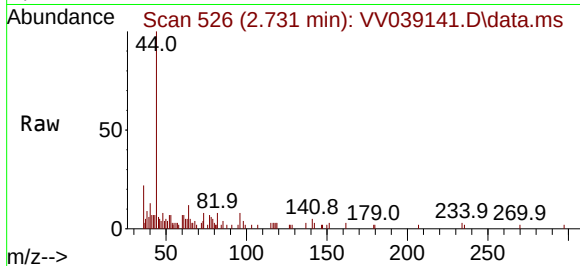




#19
Methyl tert-butyl Ether
Concen: 0.040 ug/l
RT: 2.731 min Scan# 519
Delta R.T. 0.022 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

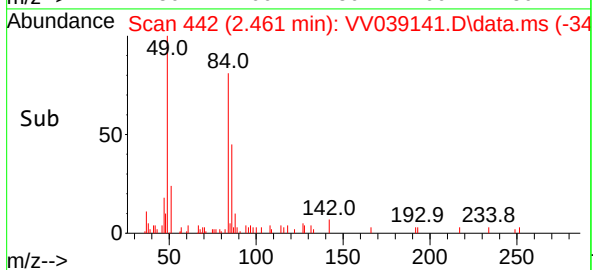
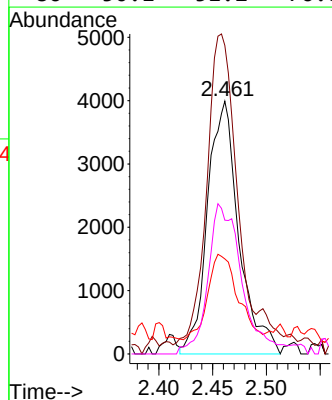
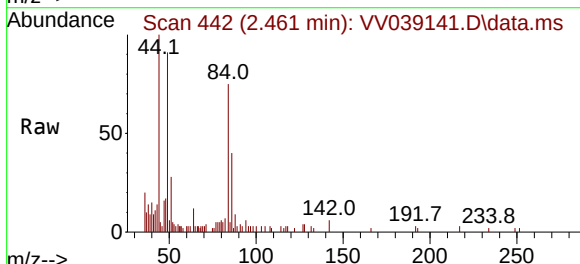
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

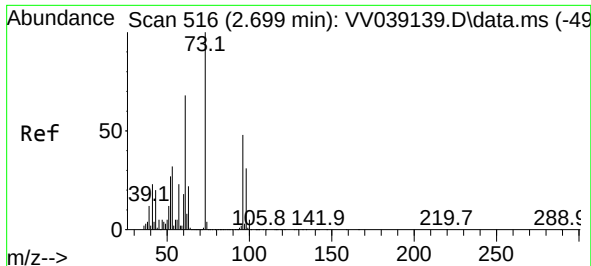
Tgt Ion: 73 Resp: 704
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 84 Resp: 8081
Ion Ratio Lower Upper
84 100
49 115.9 102.8 154.2
51 31.7 31.9 47.9#
86 50.1 51.2 76.8#

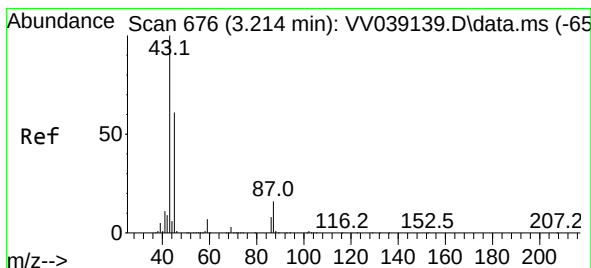
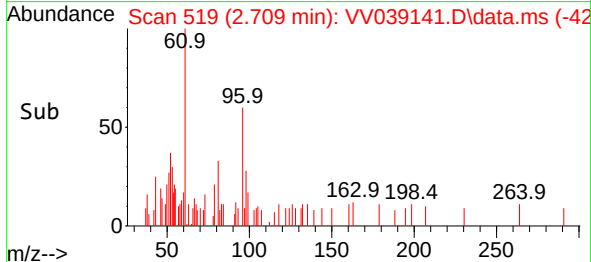
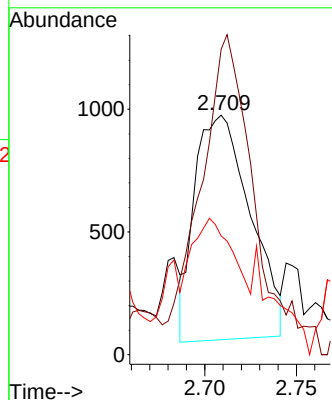
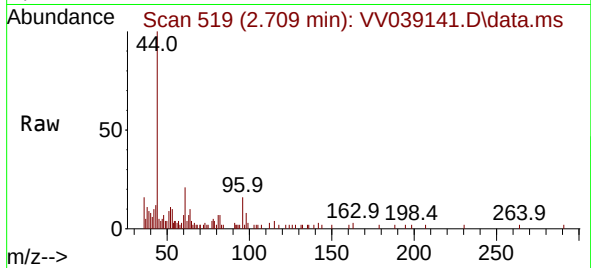




#21
trans-1,2-Dichloroethene
Concen: 0.325 ug/l
RT: 2.709 min Scan# 516
Delta R.T. 0.009 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

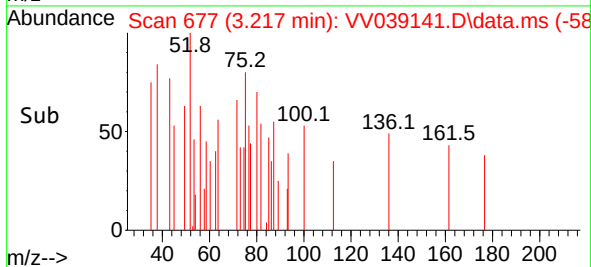
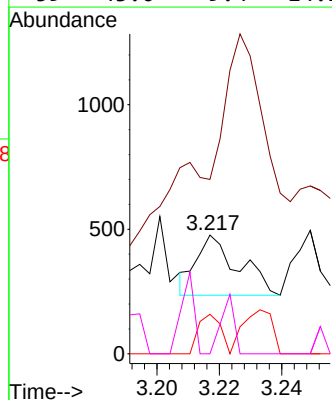
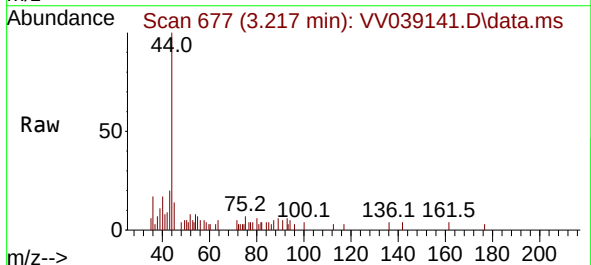
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

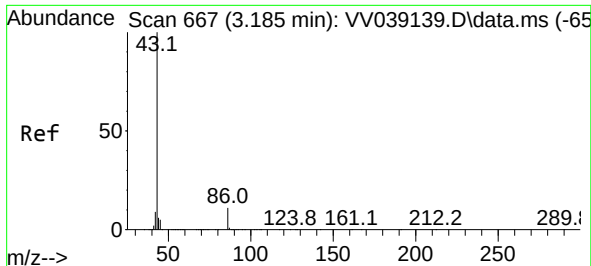
Tgt Ion: 96 Resp: 1931
Ion Ratio Lower Upper
96 100
61 139.5 112.8 169.2
98 38.5 51.1 76.7#



#22
Diisopropyl ether
Concen: 0.012 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 45 Resp: 225
Ion Ratio Lower Upper
45 100
43 22.7 130.9 196.3#
87 65.7 21.1 31.7#
59 43.0 9.4 14.2#

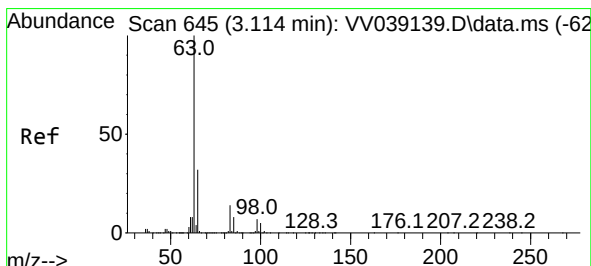
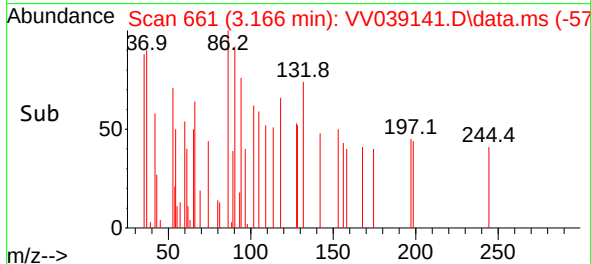
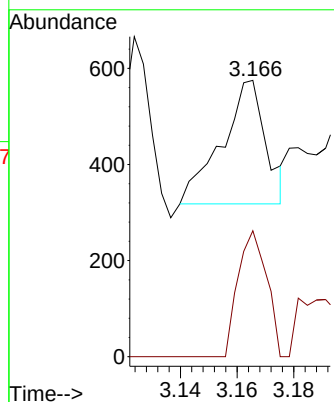
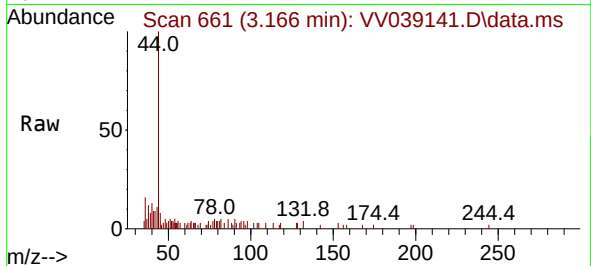




#23
 Vinyl Acetate
 Concen: 0.017 ug/l
 RT: 3.166 min Scan# 661
 Delta R.T. -0.019 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

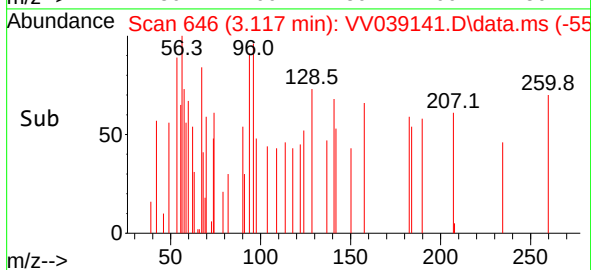
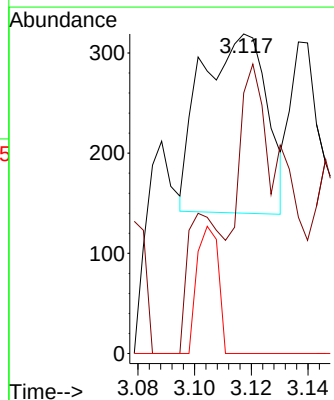
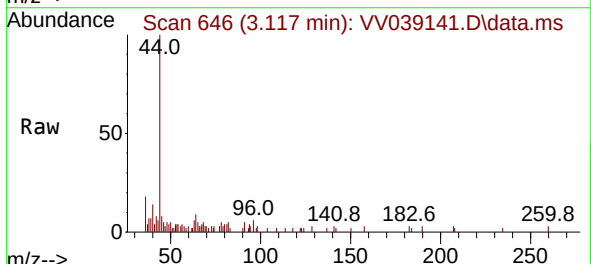
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

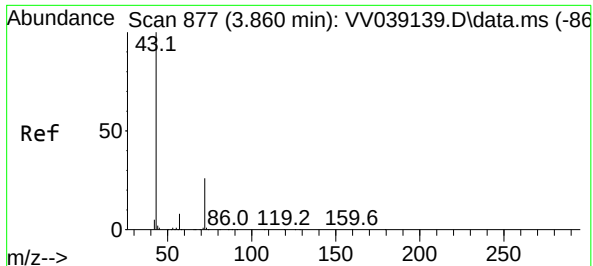
Tgt Ion: 43 Resp: 276
 Ion Ratio Lower Upper
 43 100
 86 101.9 8.4 12.6#



#24
 1,1-Dichloroethane
 Concen: 0.024 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

Tgt Ion: 63 Resp: 286
 Ion Ratio Lower Upper
 63 100
 98 160.5 3.4 10.2#
 100 0.0 2.2 6.6#

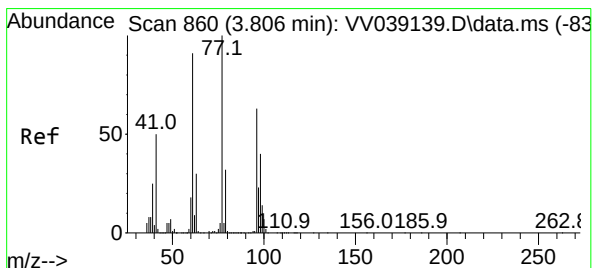
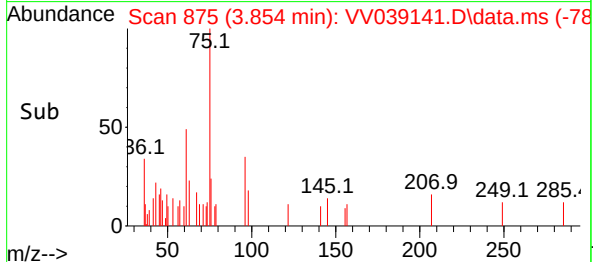
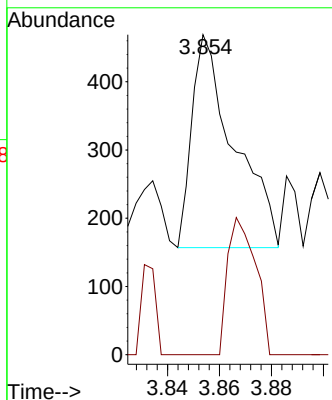
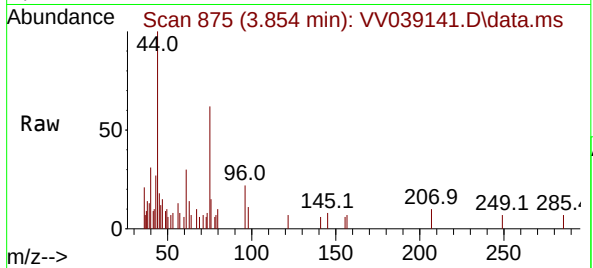




#25
2-Butanone
Concen: 0.082 ug/l
RT: 3.854 min Scan# 81
Delta R.T. -0.007 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

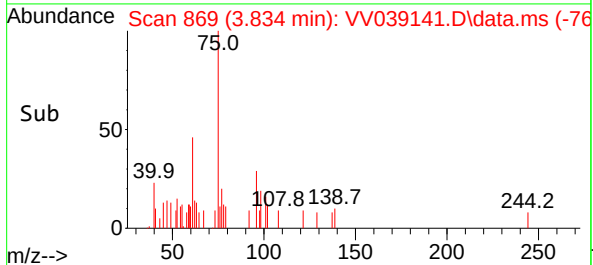
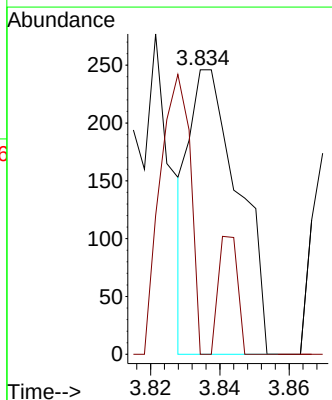
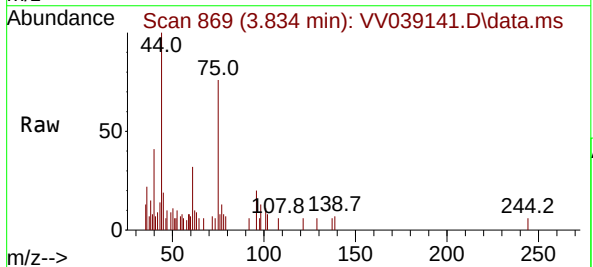
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

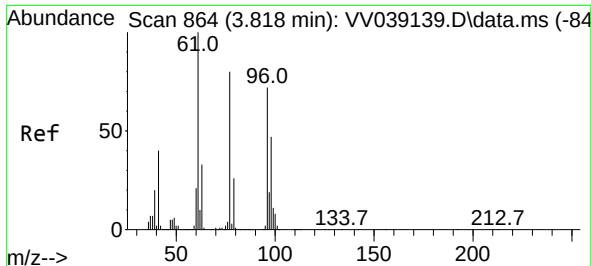
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 0.024 ug/l
RT: 3.834 min Scan# 869
Delta R.T. 0.029 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 77 Resp: 246
Ion Ratio Lower Upper
77 100
97 15.9 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 0.084 ug/l

RT: 3.838 min Scan# 81

Delta R.T. 0.019 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

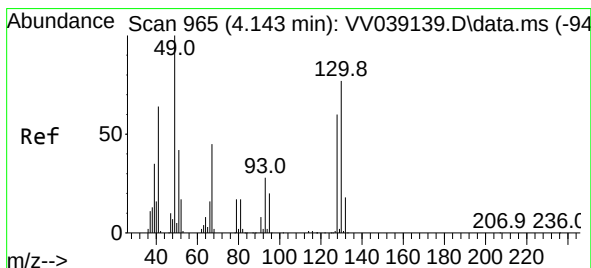
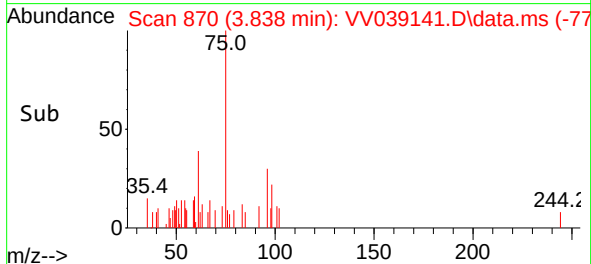
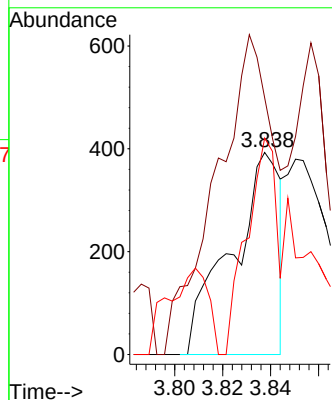
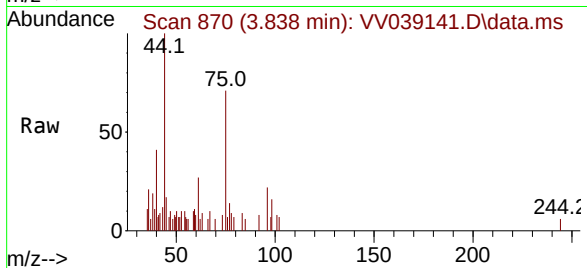
Tgt Ion: 96 Resp: 554

Ion Ratio Lower Upper

96 100

61 184.3 0.0 286.4

98 112.3 0.0 126.6



#28

Bromochloromethane

Concen: 0.061 ug/l

RT: 4.149 min Scan# 967

Delta R.T. 0.006 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

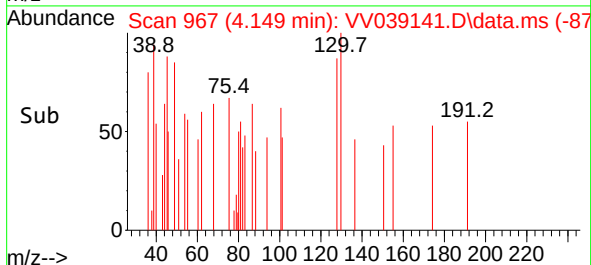
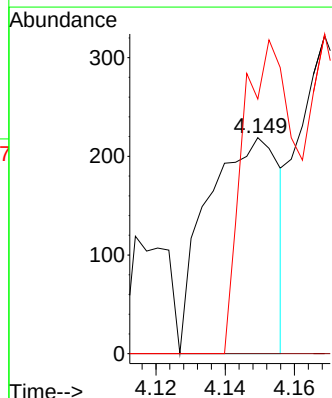
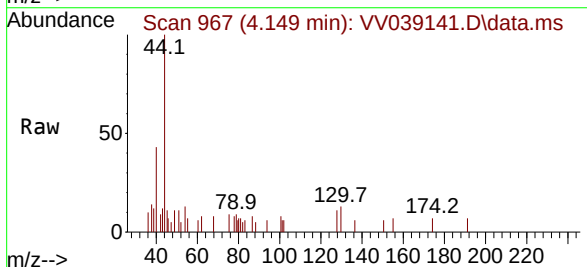
Tgt Ion: 49 Resp: 315

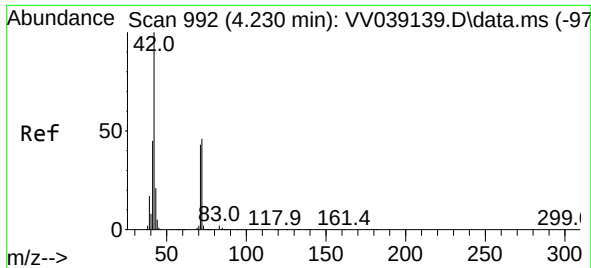
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 104.1 60.2 90.2#





#29

Tetrahydrofuran

Concen: 0.045 ug/l

RT: 4.439 min Scan# 1057

Delta R.T. 0.209 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

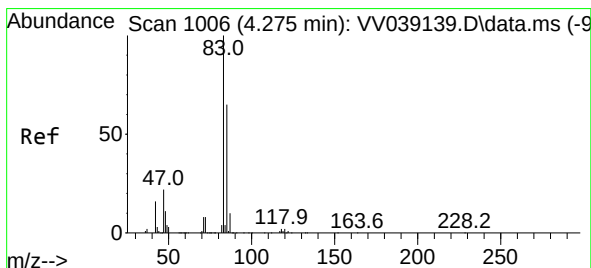
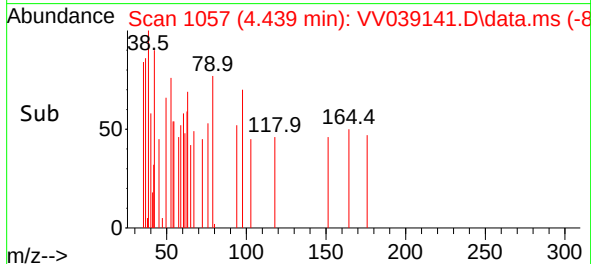
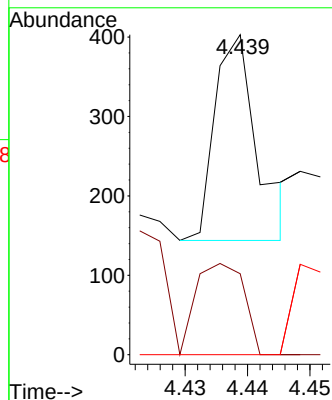
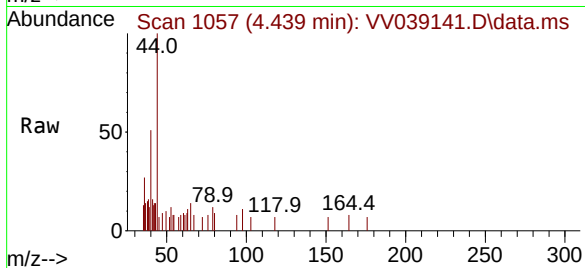
Tgt Ion: 42 Resp: 122

Ion Ratio Lower Upper

42 100

72 50.8 36.3 54.5

71 34.4 34.3 51.5



#30

Chloroform

Concen: 0.034 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV039141.D

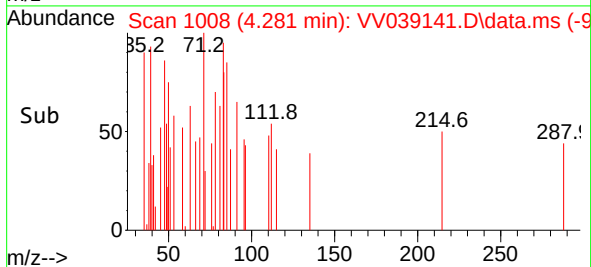
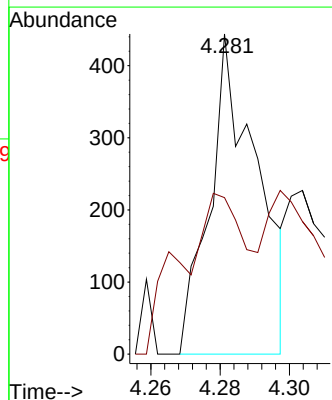
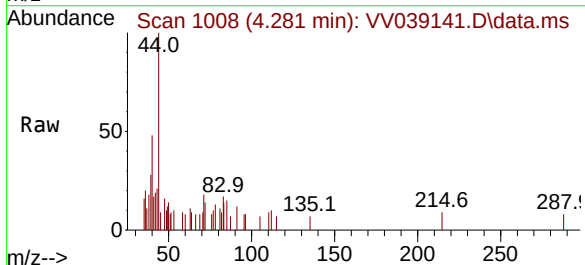
Acq: 22 Sep 2025 14:21

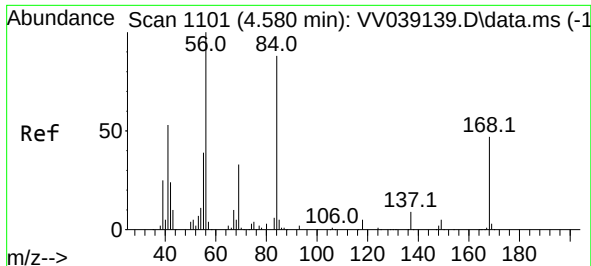
Tgt Ion: 83 Resp: 419

Ion Ratio Lower Upper

83 100

85 26.9 52.1 78.1#

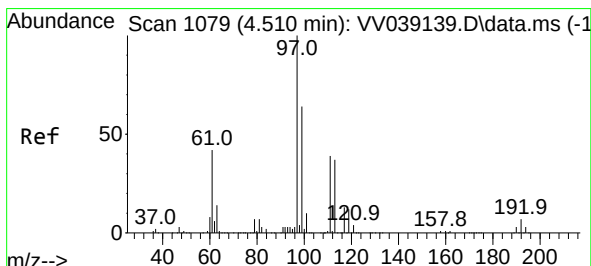
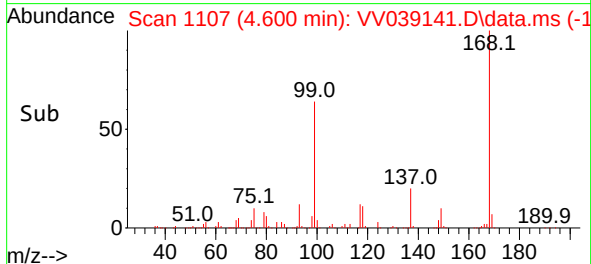
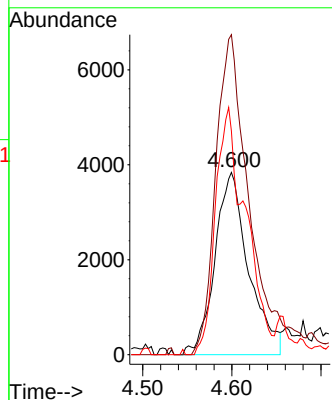
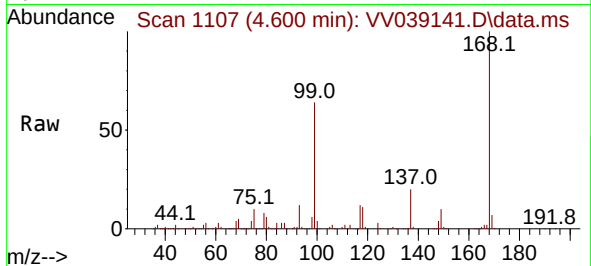




#31
Cyclohexane
Concen: 1.053 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. 0.019 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

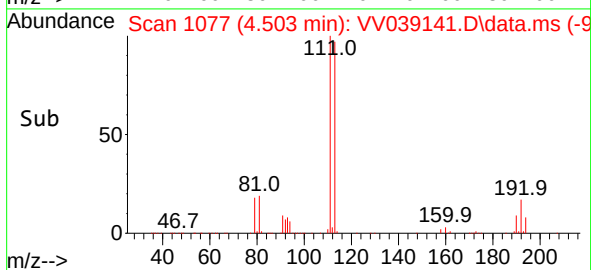
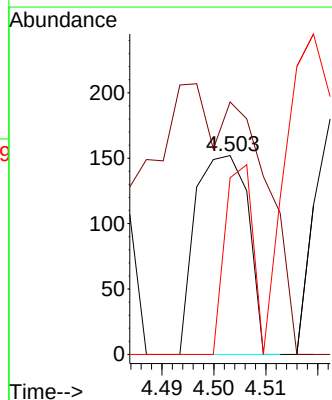
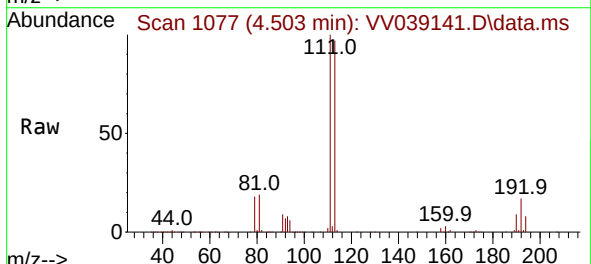
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

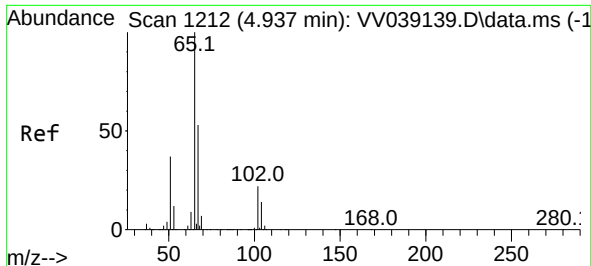
Tgt Ion: 56 Resp: 10071
Ion Ratio Lower Upper
56 100
69 175.6 26.2 39.2#
84 122.8 70.3 105.5#



#32
1,1,1-Trichloroethane
Concen: 0.010 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.007 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 97 Resp: 107
Ion Ratio Lower Upper
97 100
99 0.0 49.6 74.4#
61 0.0 34.5 51.7#





#33

1,2-Dichloroethane-d4

Concen: 76.850 ug/l

RT: 4.940 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

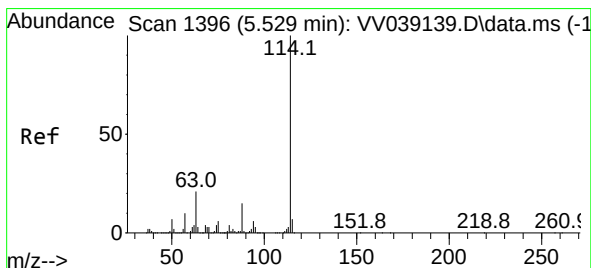
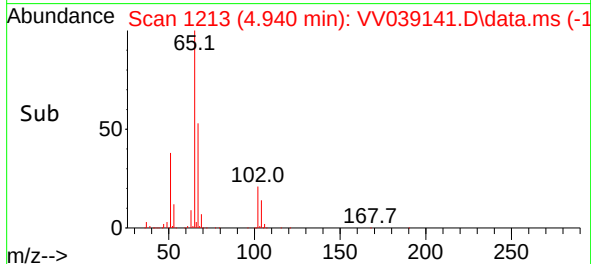
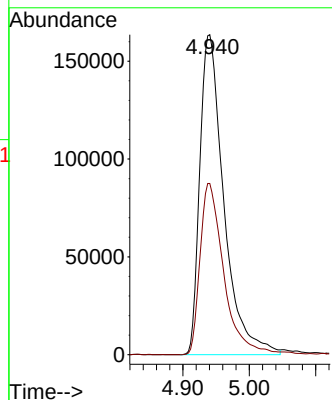
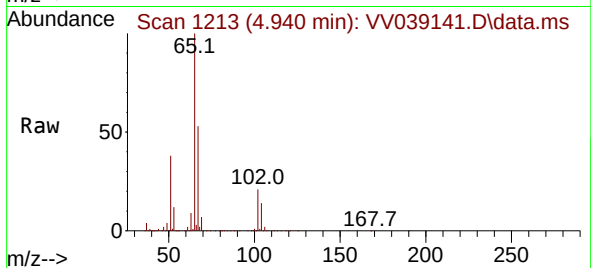
VIBLK

Tgt Ion: 65 Resp: 412124

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

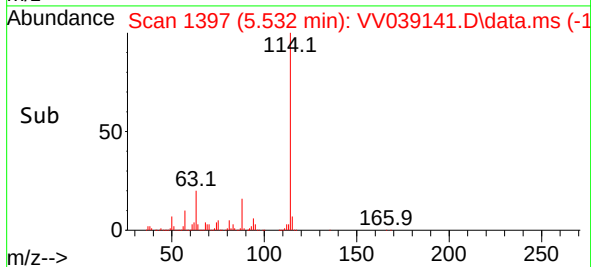
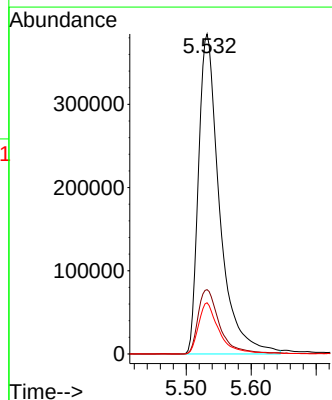
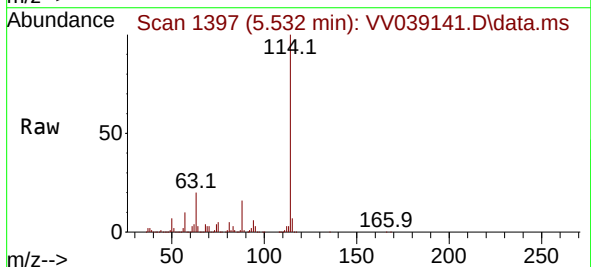
Tgt Ion: 114 Resp: 869931

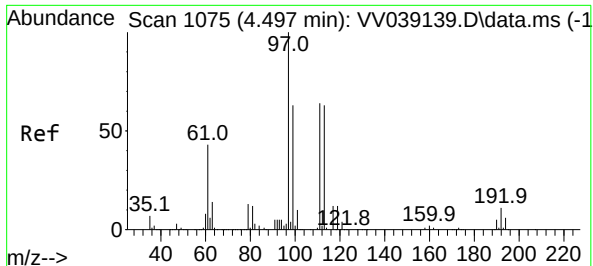
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 16.0 0.0 30.8

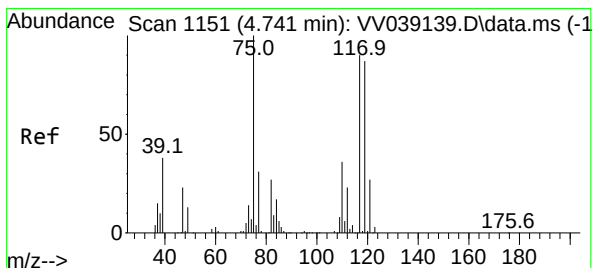
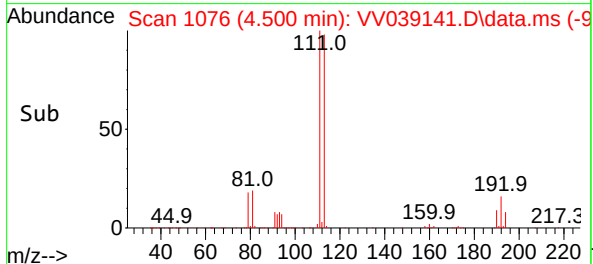
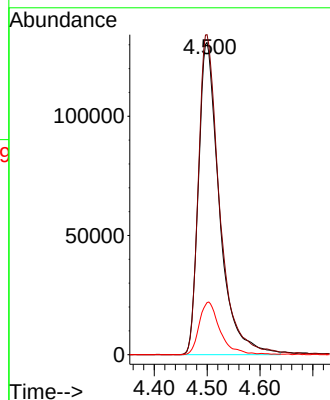
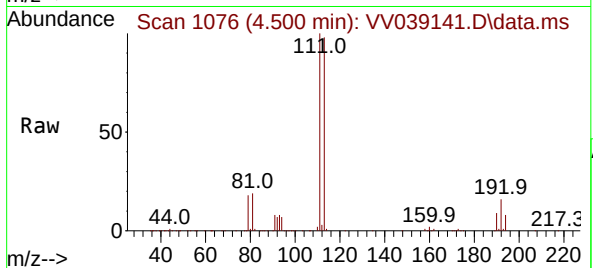




#35
 Dibromofluoromethane
 Concen: 51.490 ug/l
 RT: 4.500 min Scan# 1106
 Delta R.T. 0.003 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

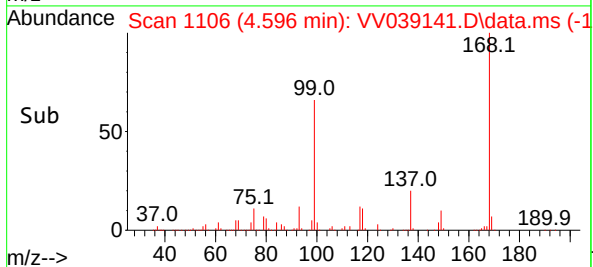
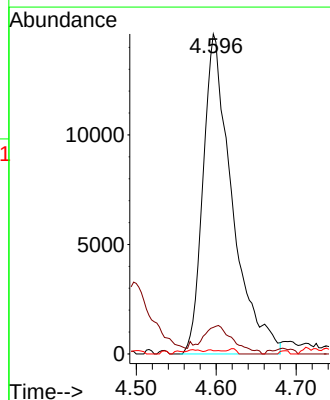
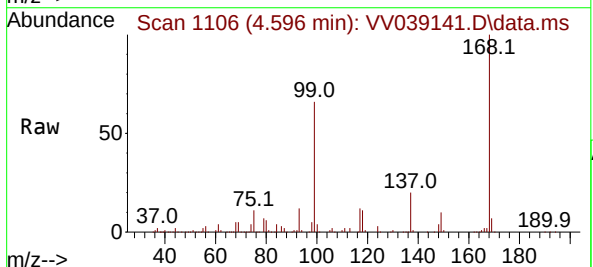
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

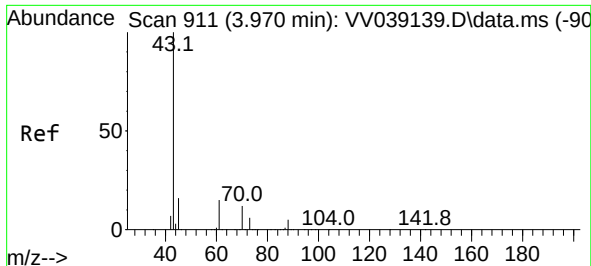
Tgt Ion:113 Resp: 360097
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 16.7 13.8 20.8



#36
 1,1-Dichloropropene
 Concen: 3.480 ug/l
 RT: 4.596 min Scan# 1106
 Delta R.T. -0.145 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

Tgt Ion: 75 Resp: 36791
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.1#
 77 0.6 24.8 37.2#

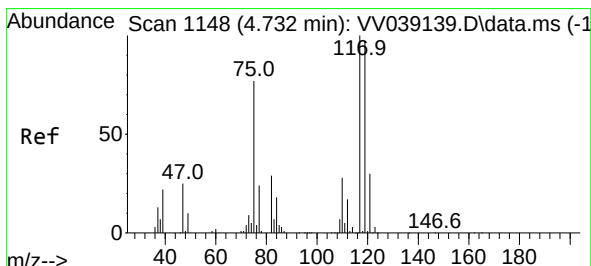
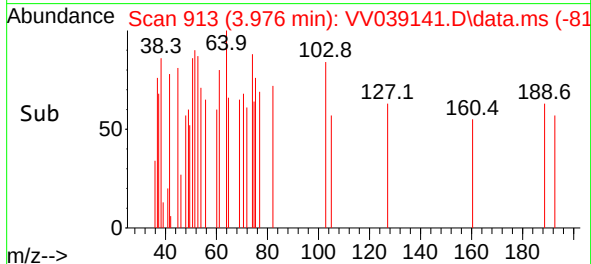
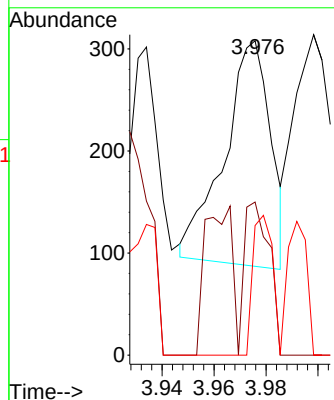
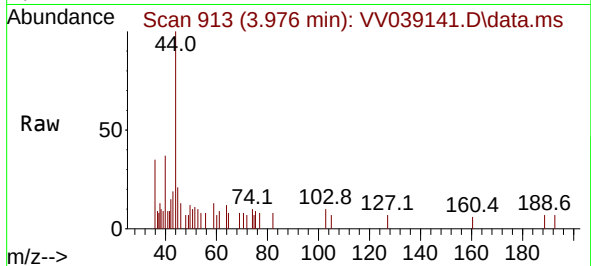




#37
Ethyl Acetate
Concen: 0.021 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

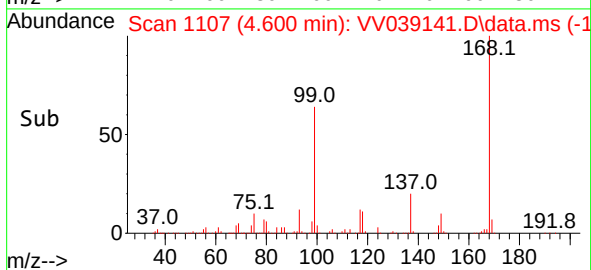
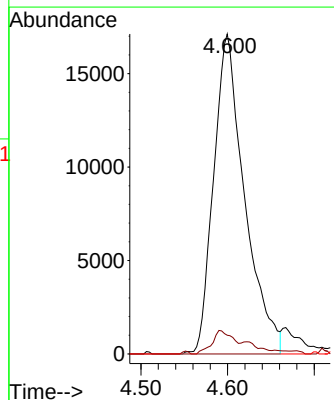
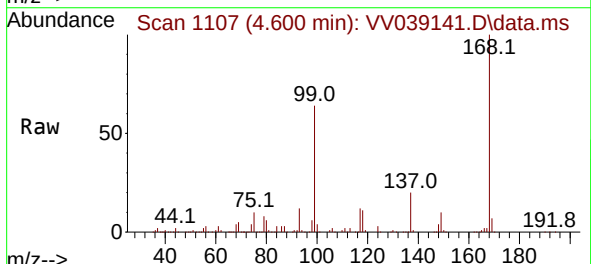
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

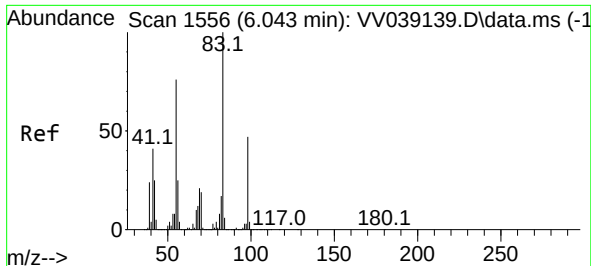
Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
61 36.6 10.3 15.5#
70 26.4 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 3.283 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.132 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 117 Resp: 42422
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.143 ug/l

RT: 6.053 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

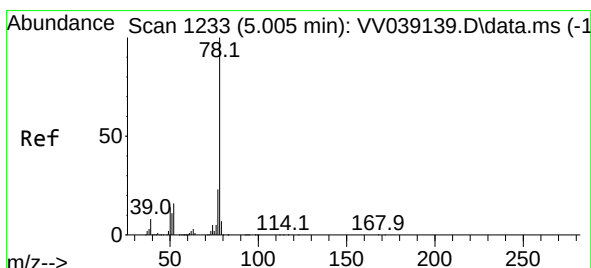
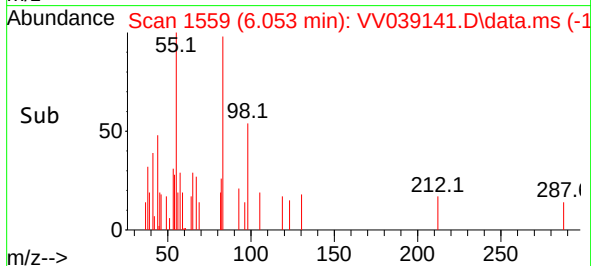
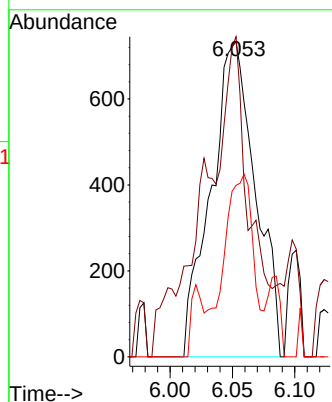
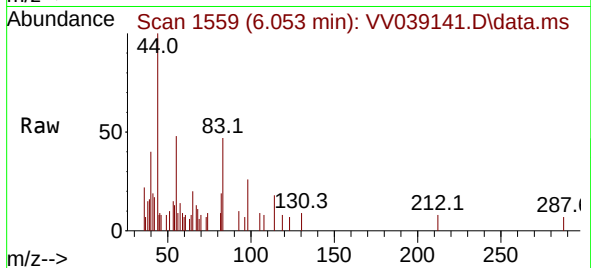
Tgt Ion: 83 Resp: 1823

Ion Ratio Lower Upper

83 100

55 78.7 60.5 90.7

98 54.4 37.8 56.6



#40

Benzene

Concen: 0.008 ug/l

RT: 4.995 min Scan# 1230

Delta R.T. -0.010 min

Lab File: VV039141.D

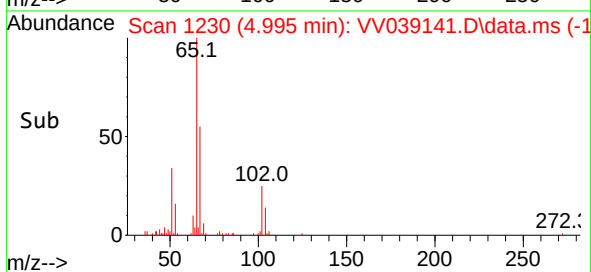
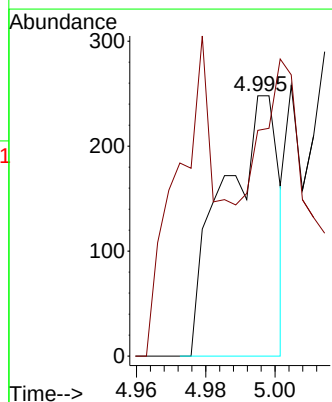
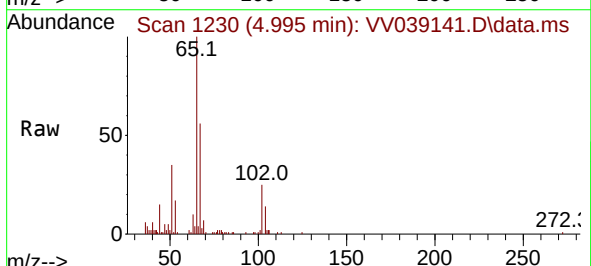
Acq: 22 Sep 2025 14:21

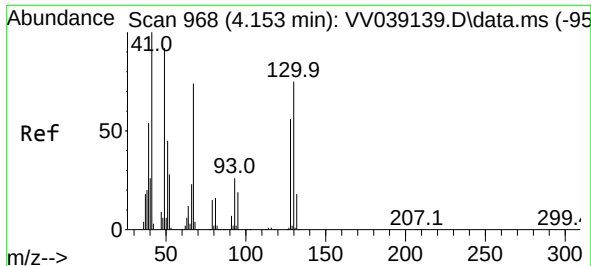
Tgt Ion: 78 Resp: 274

Ion Ratio Lower Upper

78 100

77 12.5 18.7 28.1#

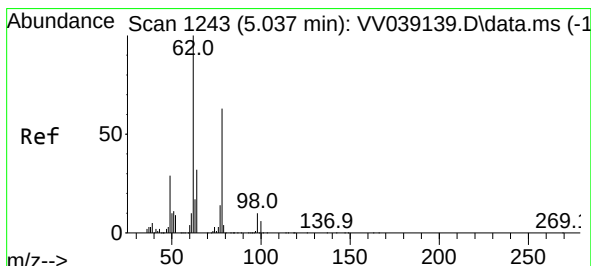
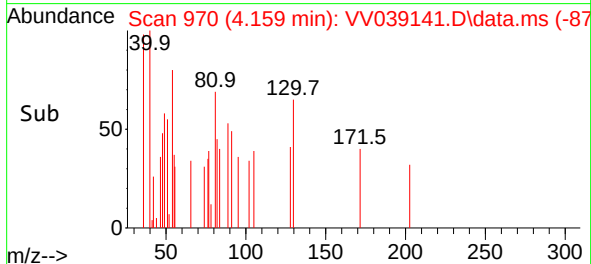
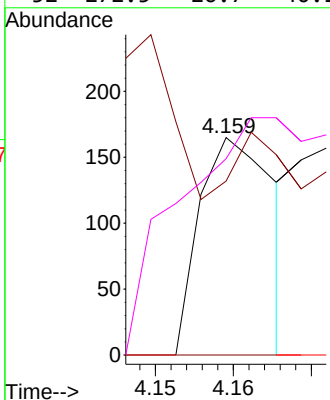
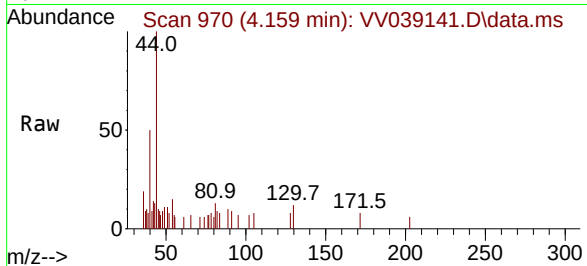




#41
Methacrylonitrile
Concen: 1.929 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

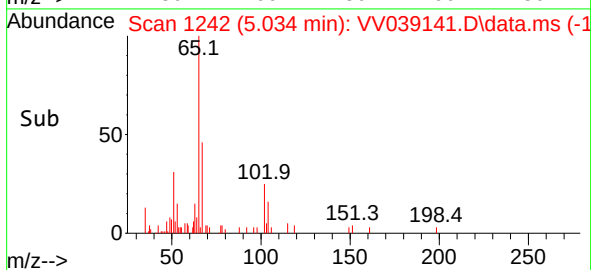
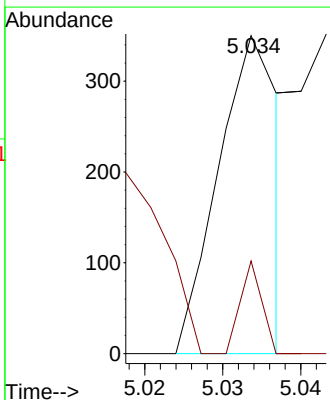
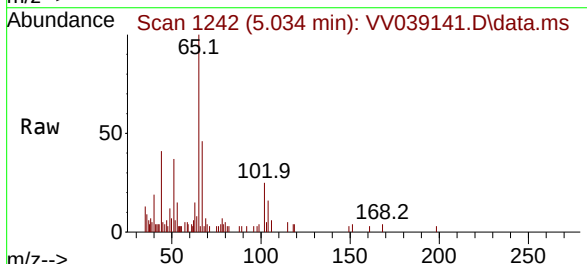
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

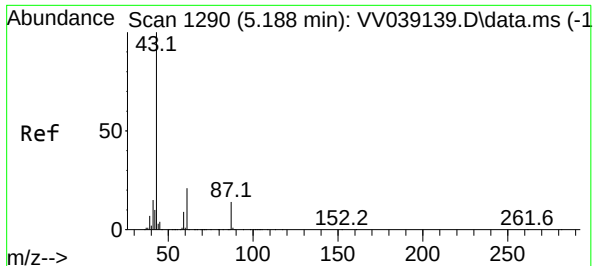
Tgt Ion:	41	Resp:	109
Ion	Ratio	Lower	Upper
41	100		
39	134.9	42.2	63.2#
67	0.0	67.9	101.9#
52	272.5	26.7	40.1#



#42
1,2-Dichloroethane
Concen: 0.016 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion:	62	Resp:	191
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 0.003 ug/l

RT: 5.194 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

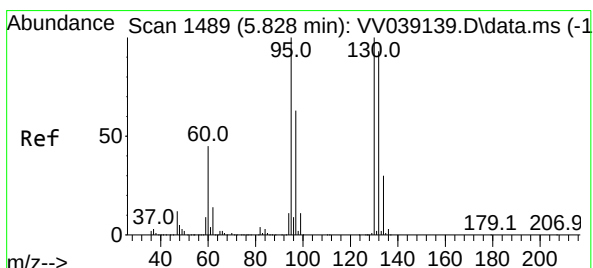
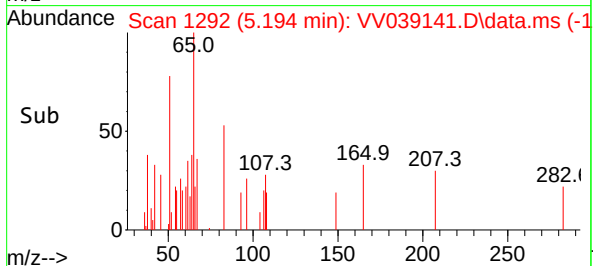
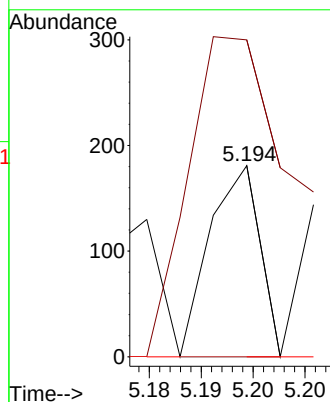
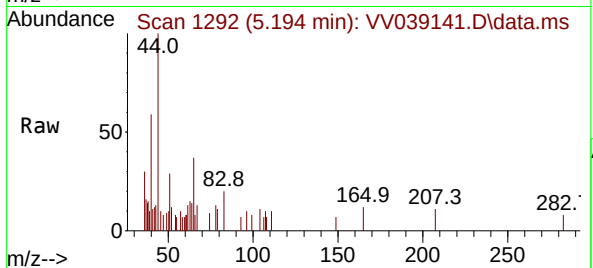
Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

61 377.0 15.9 23.9#

87 0.0 11.0 16.6#



#44

Trichloroethene

Concen: 0.048 ug/l

RT: 5.847 min Scan# 1495

Delta R.T. 0.019 min

Lab File: VV039141.D

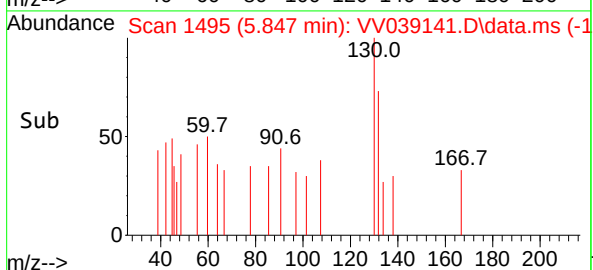
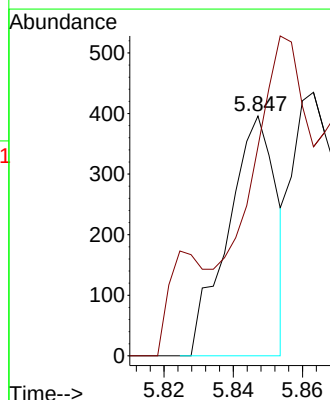
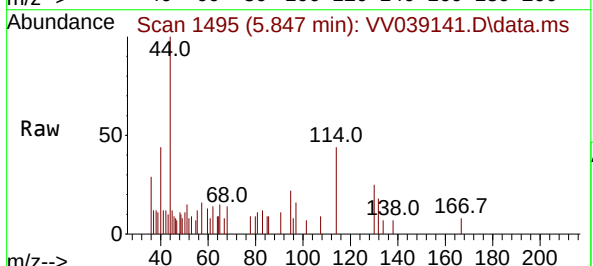
Acq: 22 Sep 2025 14:21

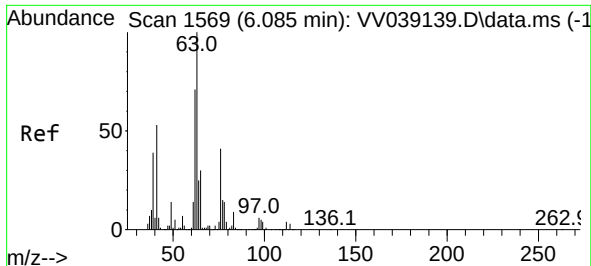
Tgt Ion:130 Resp: 384

Ion Ratio Lower Upper

130 100

95 43.4 0.0 199.2





#45

1,2-Dichloropropane

Concen: 0.012 ug/l

RT: 6.091 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

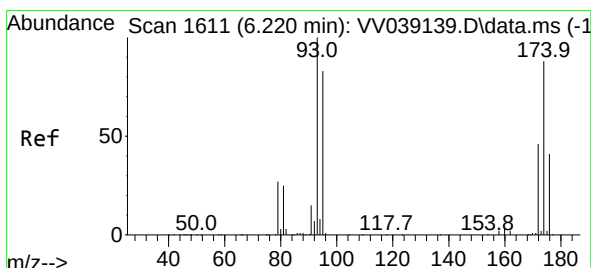
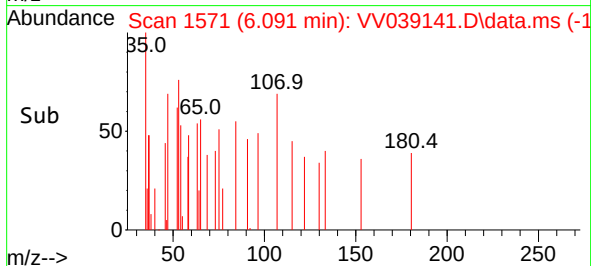
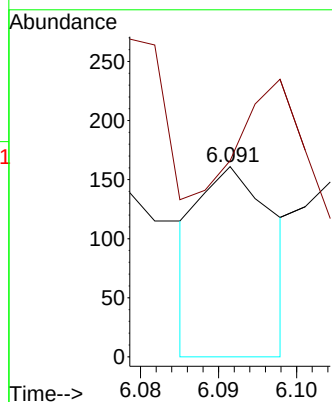
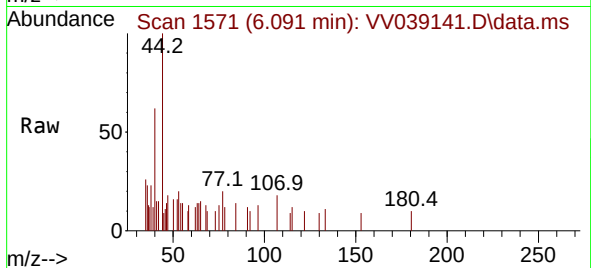
VIBLK

Tgt Ion: 63 Resp: 106

Ion Ratio Lower Upper

63 100

65 71.7 23.7 35.5#



#46

Dibromomethane

Concen: 0.023 ug/l

RT: 6.236 min Scan# 1616

Delta R.T. 0.016 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

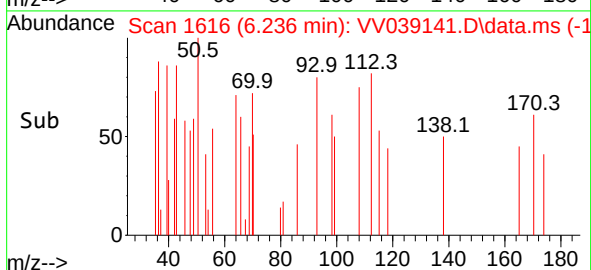
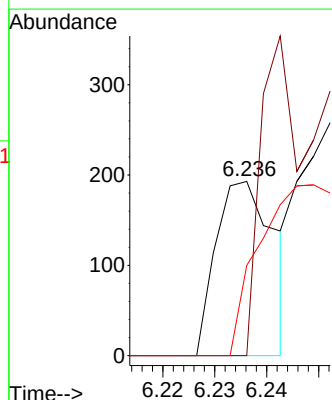
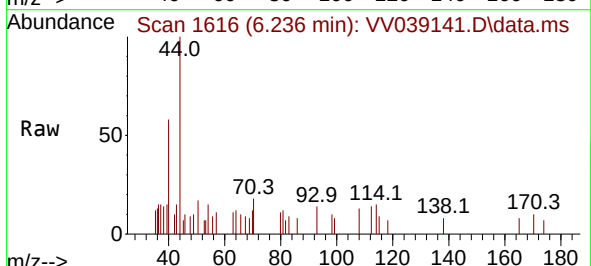
Tgt Ion: 93 Resp: 150

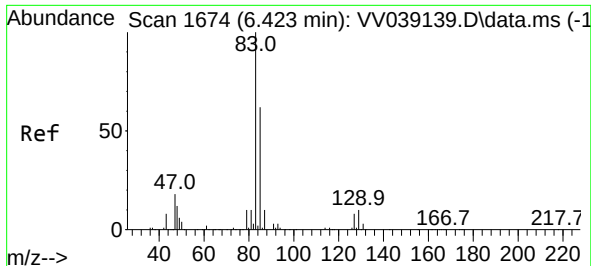
Ion Ratio Lower Upper

93 100

95 109.3 65.5 98.3#

174 164.7 69.0 103.4#

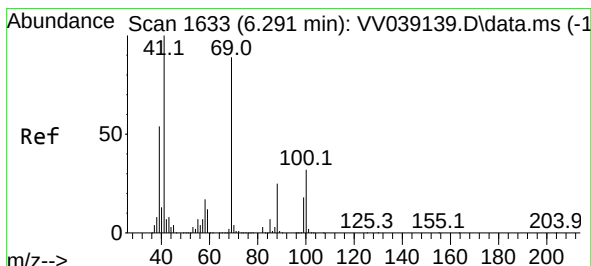
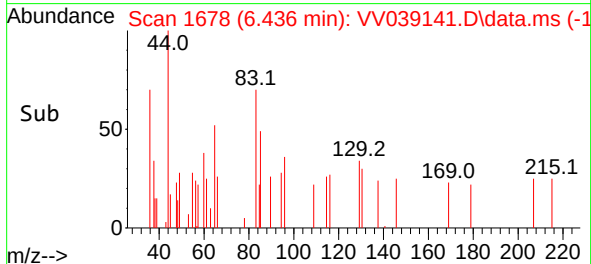
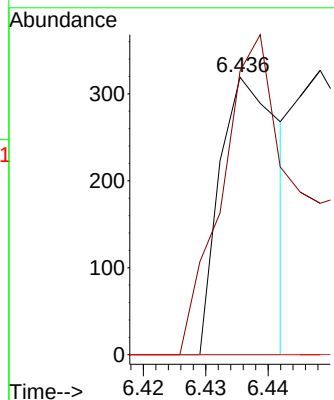
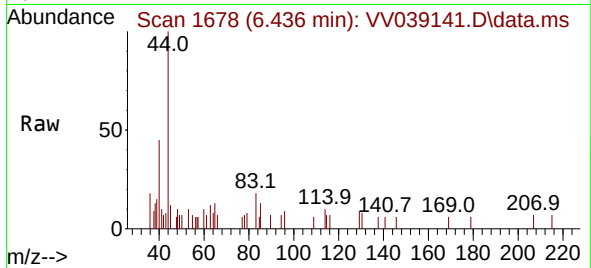




#47
Bromodichloromethane
Concen: 0.016 ug/l
RT: 6.436 min Scan# 1674
Delta R.T. 0.013 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

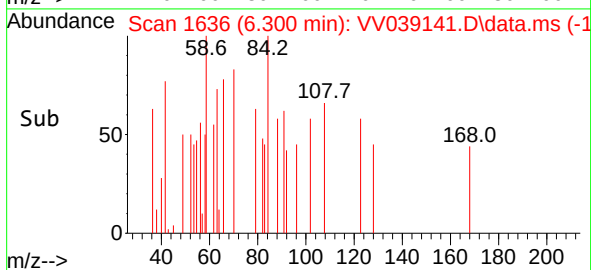
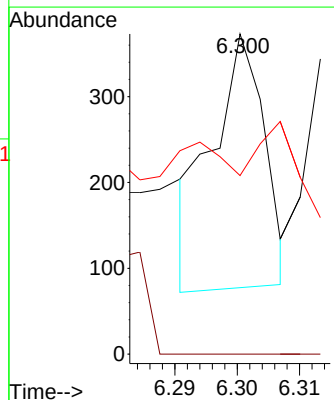
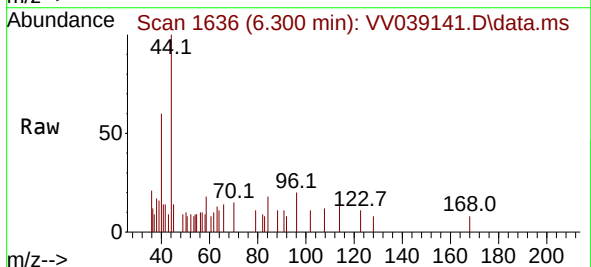
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

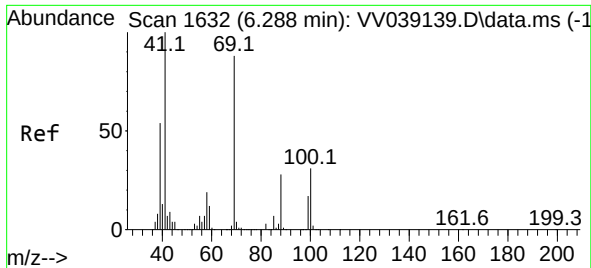
Tgt Ion: 83 Resp: 212
Ion Ratio Lower Upper
83 100
85 102.2 49.7 74.5#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 0.022 ug/l
RT: 6.300 min Scan# 1636
Delta R.T. 0.009 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 41 Resp: 173
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 42.5 63.7#





#49

1,4-Dioxane

Concen: 0.391 ug/l

RT: 6.300 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

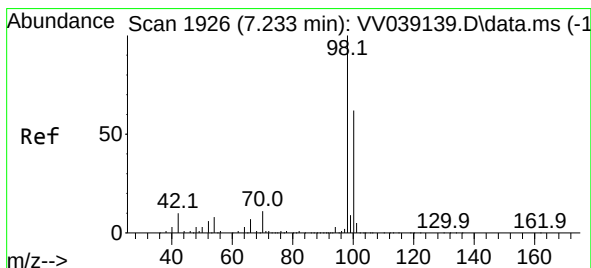
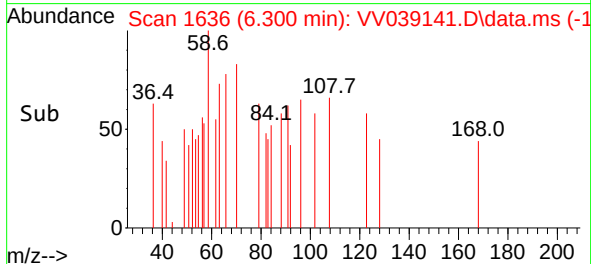
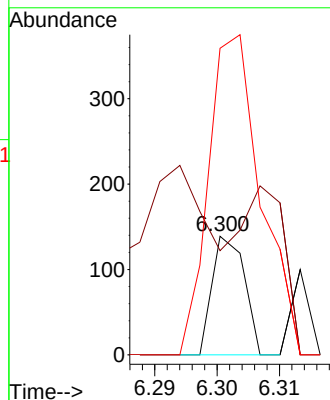
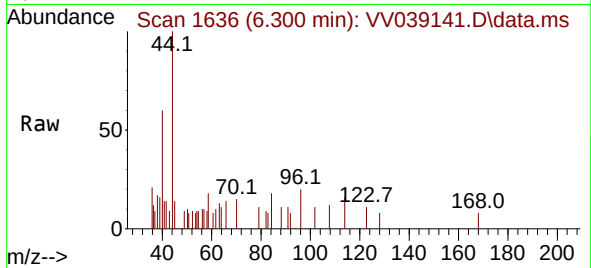
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

43 202.0 25.1 37.7#

58 438.0 53.6 80.4#



#50

Toluene-d8

Concen: 55.011 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039141.D

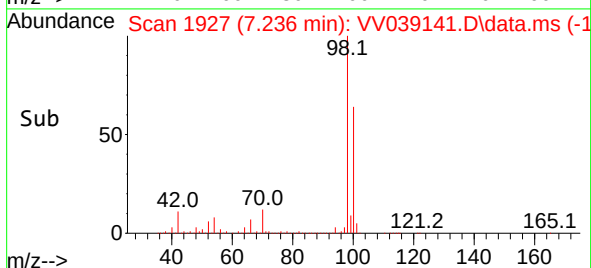
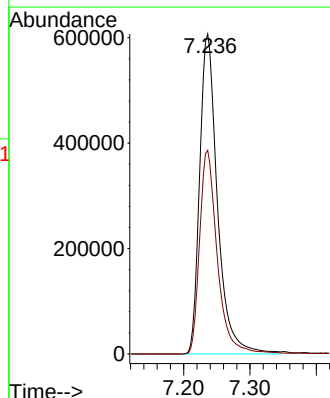
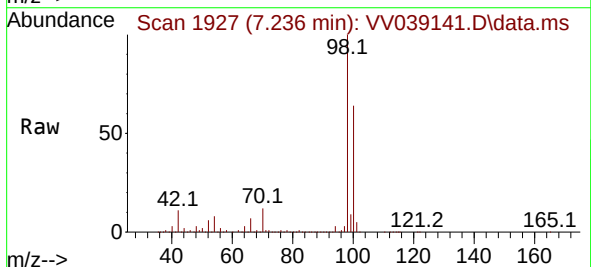
Acq: 22 Sep 2025 14:21

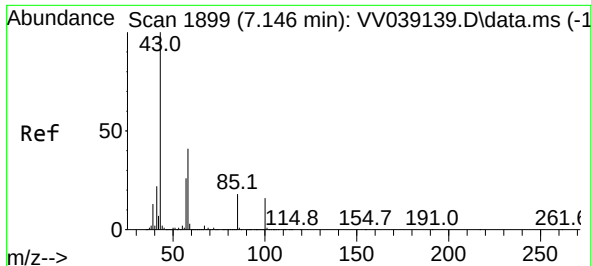
Tgt Ion: 98 Resp: 1129940

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 0.026 ug/l

RT: 7.117 min Scan# 1890

Delta R.T. -0.029 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

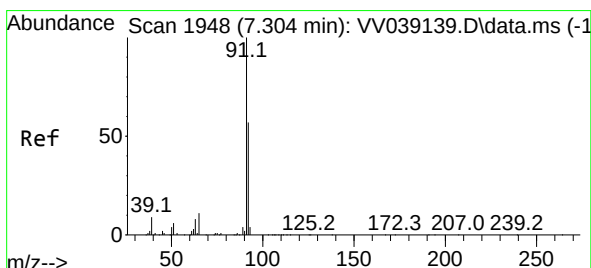
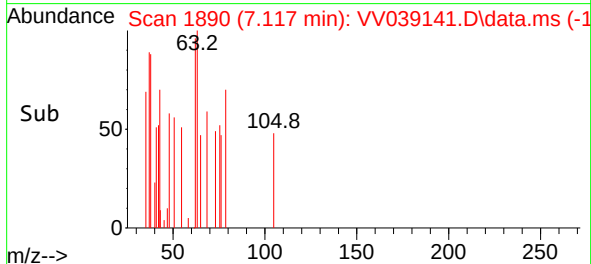
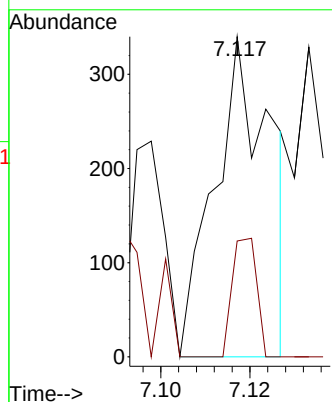
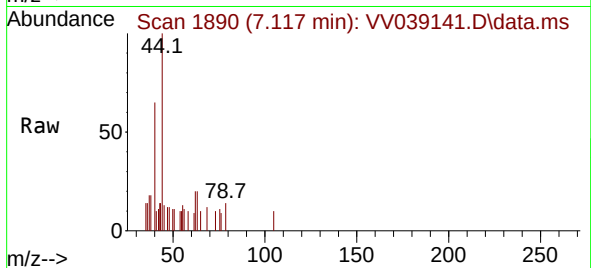
VIBLK

Tgt Ion: 43 Resp: 294

Ion Ratio Lower Upper

43 100

58 0.0 32.3 48.5#



#52

Toluene

Concen: 0.011 ug/l

RT: 7.304 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VV039141.D

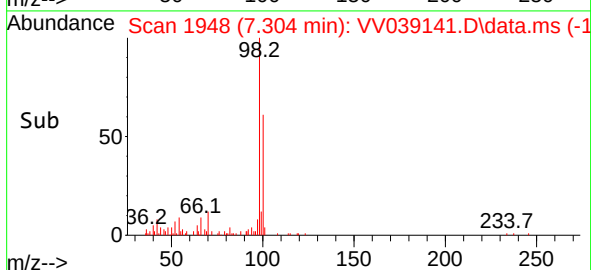
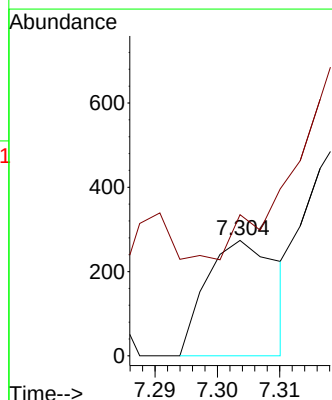
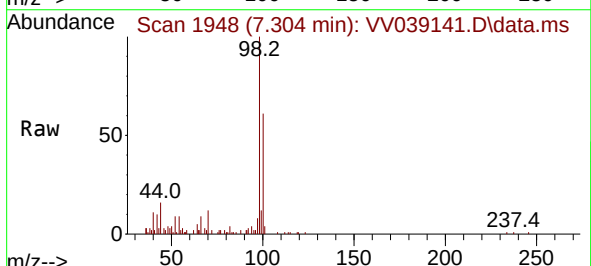
Acq: 22 Sep 2025 14:21

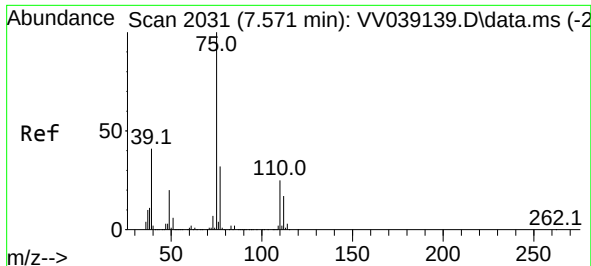
Tgt Ion: 92 Resp: 217

Ion Ratio Lower Upper

92 100

91 143.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 0.033 ug/l

RT: 7.612 min Scan# 2031

Delta R.T. 0.041 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

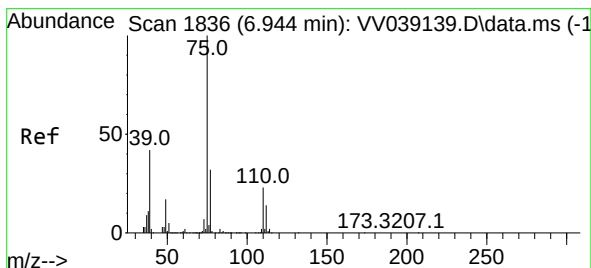
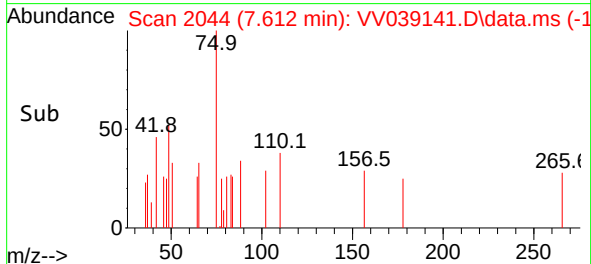
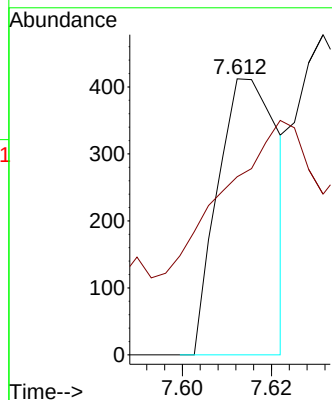
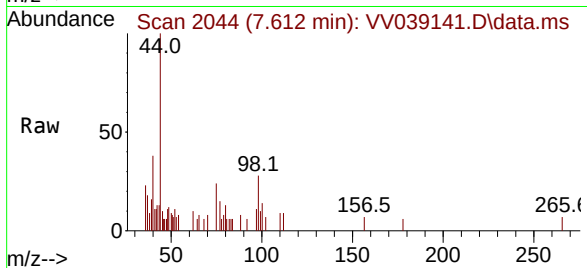
VIBLK

Tgt Ion: 75 Resp: 384

Ion Ratio Lower Upper

75 100

77 28.6 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 0.013 ug/l

RT: 6.976 min Scan# 1846

Delta R.T. 0.032 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

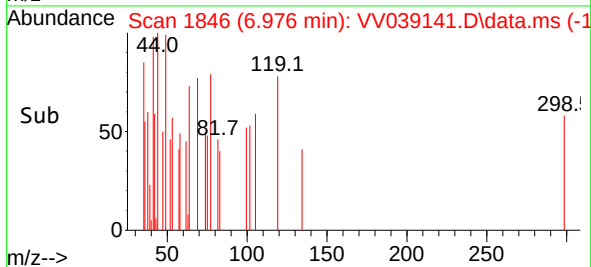
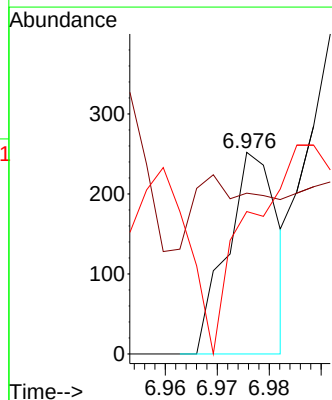
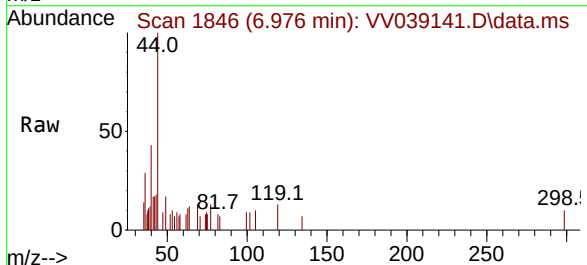
Tgt Ion: 75 Resp: 168

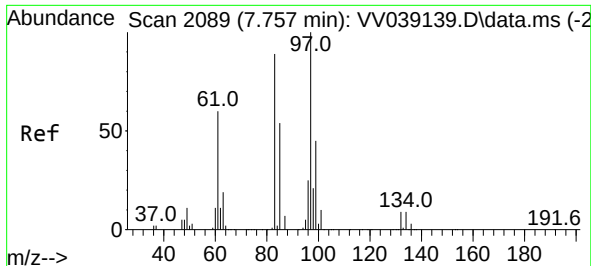
Ion Ratio Lower Upper

75 100

77 52.6 25.5 38.3#

39 0.0 33.8 50.6#

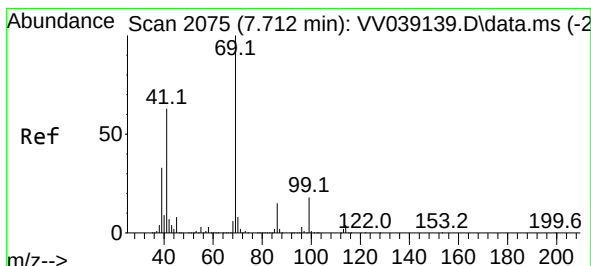
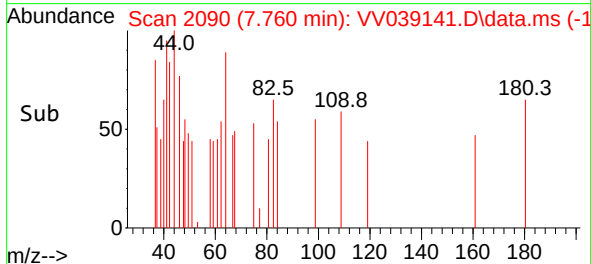
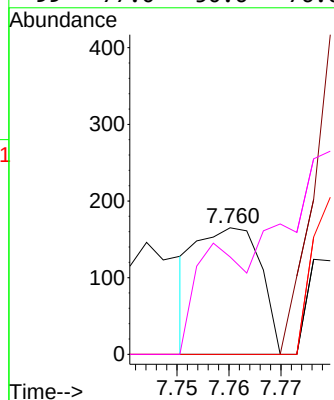
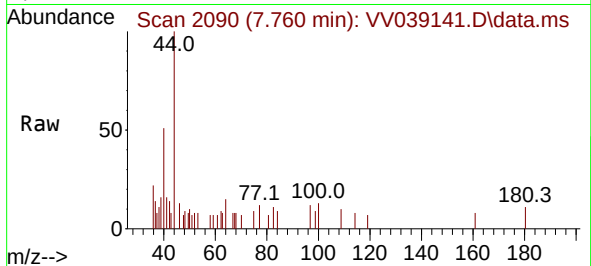




#55
1,1,2-Trichloroethane
Concen: 0.016 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

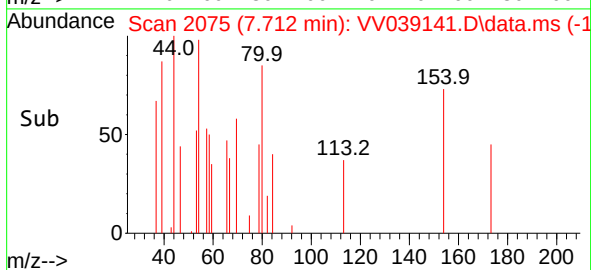
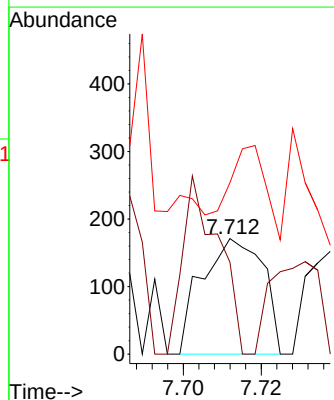
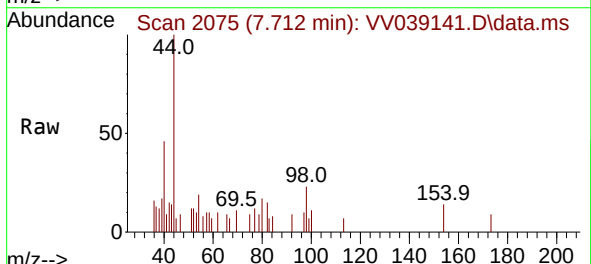
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

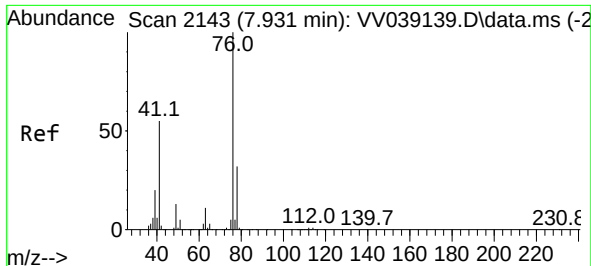
Tgt Ion:	97	Resp:	142
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.1	106.7#
85	0.0	44.6	67.0#
99	77.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.018 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion:	69	Resp:	187
Ion	Ratio	Lower	Upper
69	100		
41	89.8	50.7	76.1#
39	75.9	26.0	39.0#





#57

1,3-Dichloropropane

Concen: 0.009 ug/l

RT: 7.927 min Scan# 2143

Delta R.T. -0.004 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

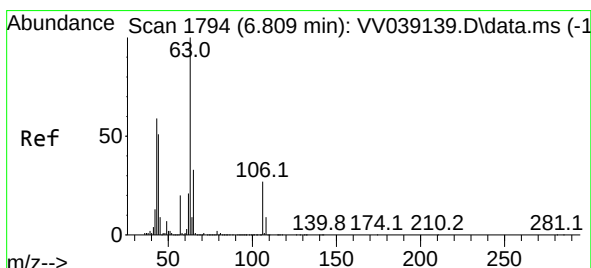
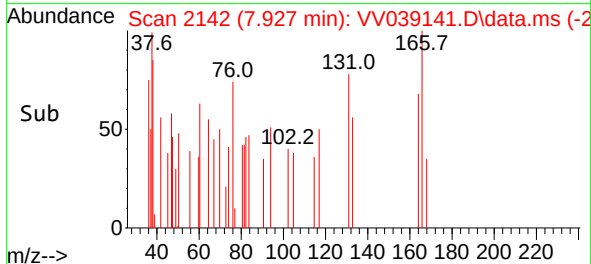
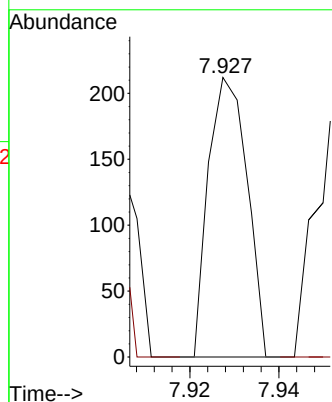
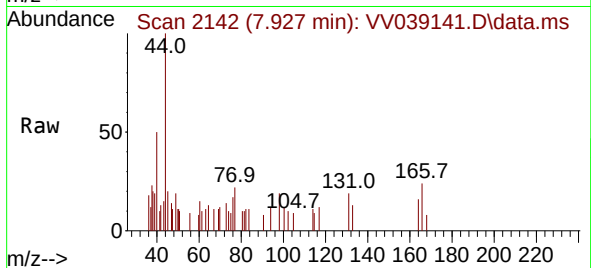
VIBLK

Tgt Ion: 76 Resp: 128

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 9.672 ug/l

RT: 6.937 min Scan# 1834

Delta R.T. 0.128 min

Lab File: VV039141.D

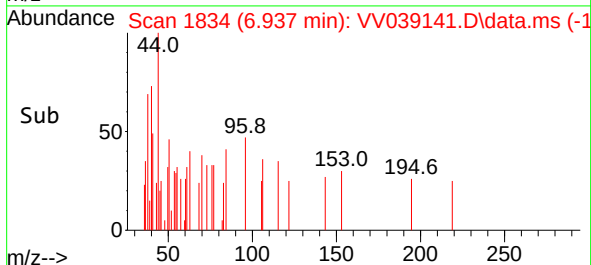
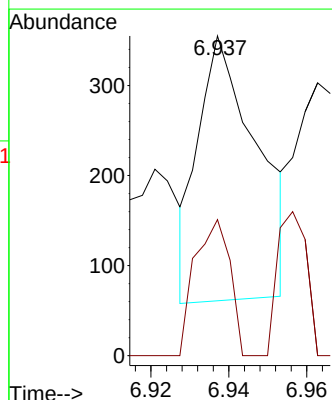
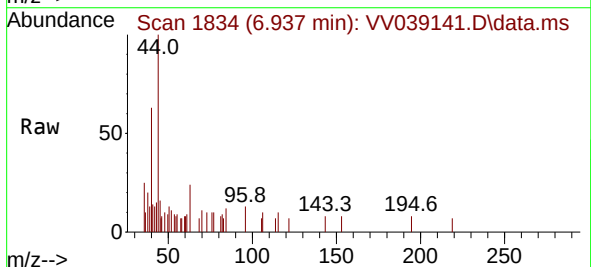
Acq: 22 Sep 2025 14:21

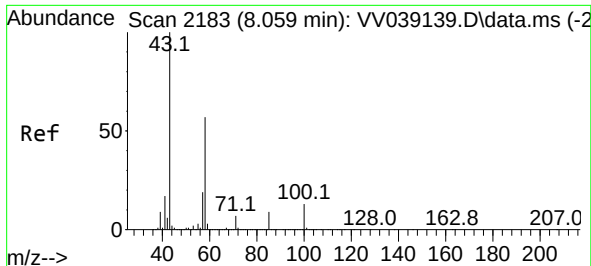
Tgt Ion: 63 Resp: 305

Ion Ratio Lower Upper

63 100

106 30.8 22.1 33.1





#59

2-Hexanone

Concen: 2.351 ug/l

RT: 8.014 min Scan# 2183

Delta R.T. -0.045 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

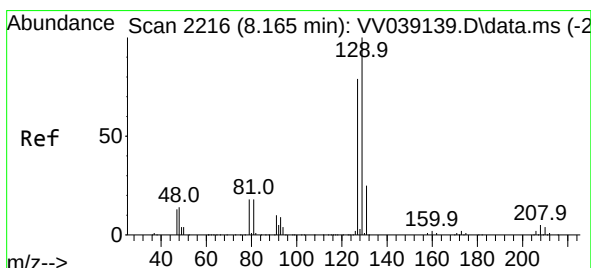
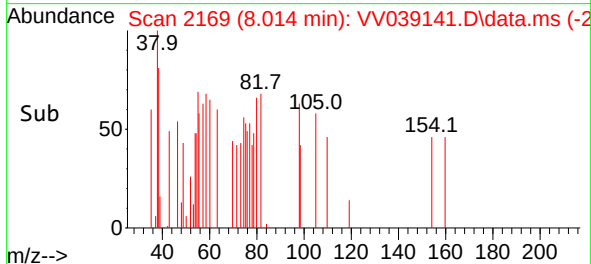
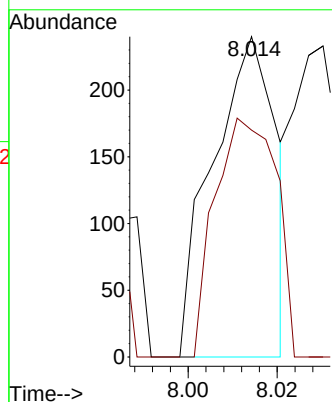
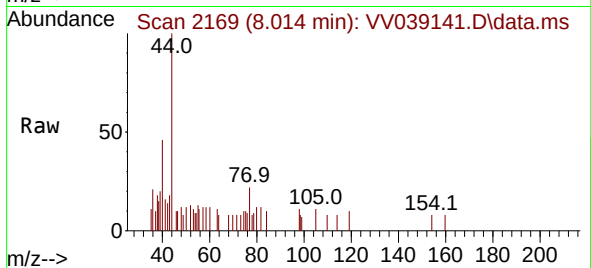
VIBLK

Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

58 72.2 28.3 85.0



#60

Dibromochloromethane

Concen: 0.043 ug/l

RT: 8.188 min Scan# 2223

Delta R.T. 0.022 min

Lab File: VV039141.D

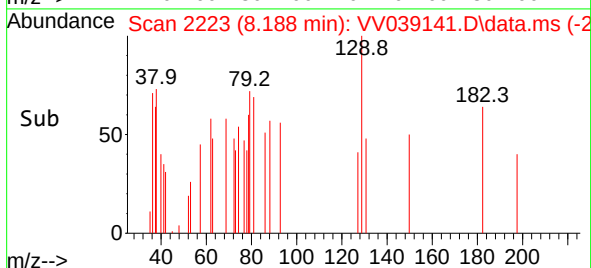
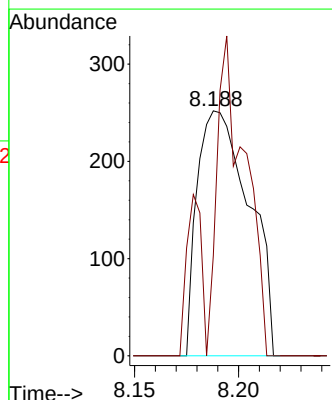
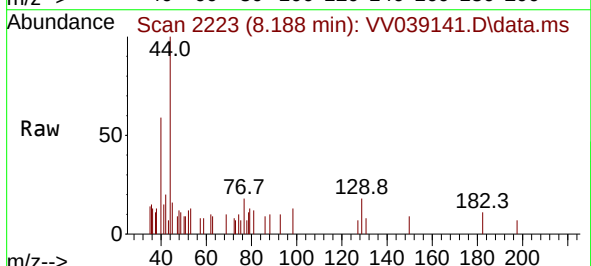
Acq: 22 Sep 2025 14:21

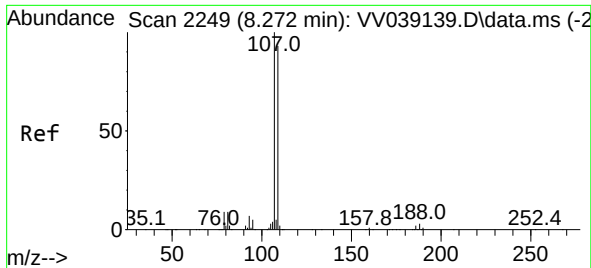
Tgt Ion: 129 Resp: 438

Ion Ratio Lower Upper

129 100

127 70.3 39.3 117.9

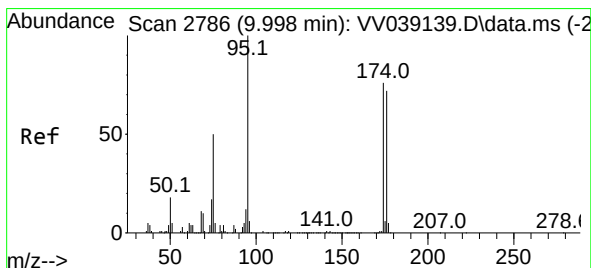
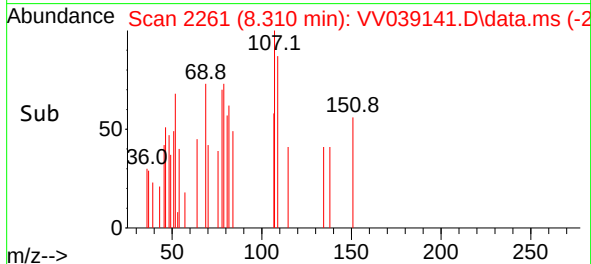
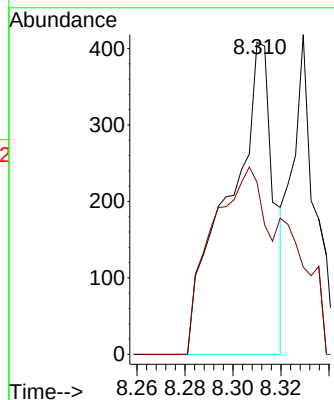
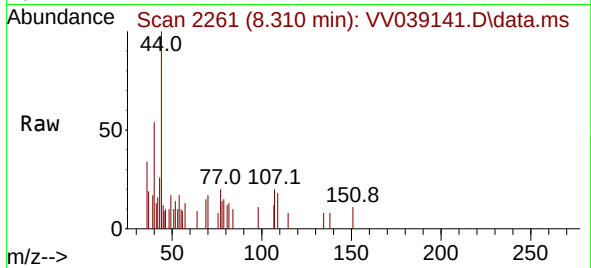




#61
1,2-Dibromoethane
Concen: 0.057 ug/l
RT: 8.310 min Scan# 211
Delta R.T. 0.038 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

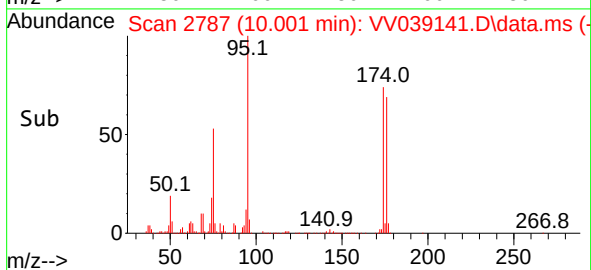
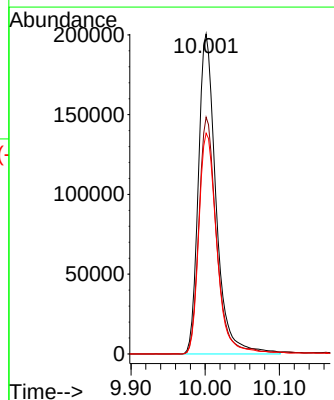
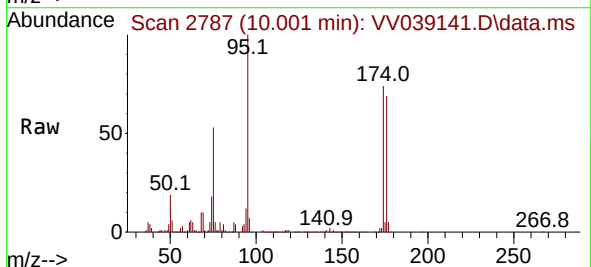
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

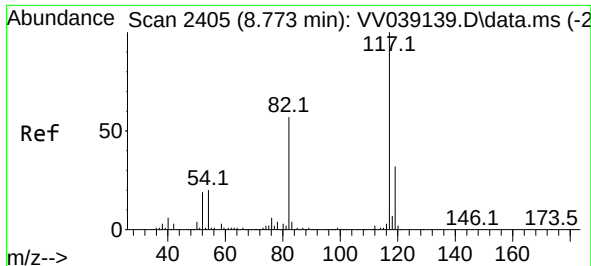
Tgt Ion:107 Resp: 522
Ion Ratio Lower Upper
107 100
109 73.9 74.6 112.0#



#62
4-Bromofluorobenzene
Concen: 39.217 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 95 Resp: 331608
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.4
176 70.4 0.0 144.2

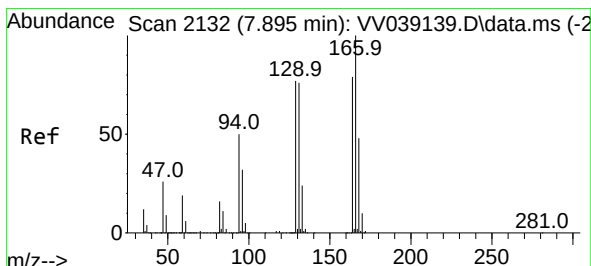
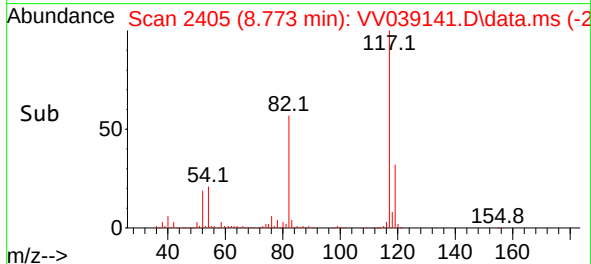
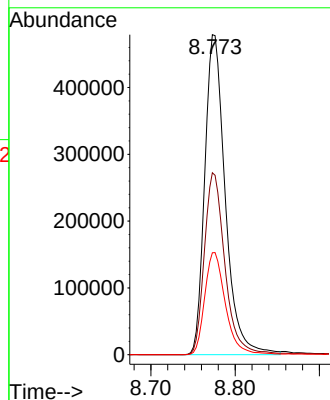
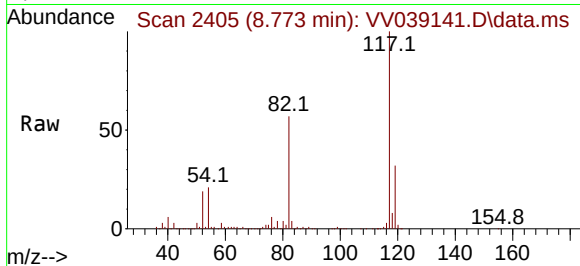




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

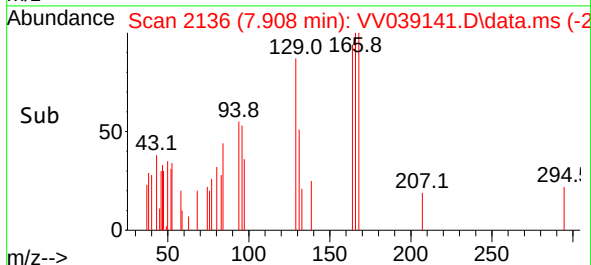
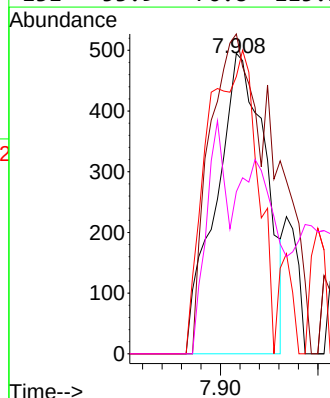
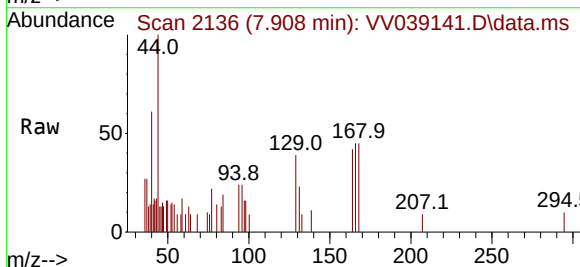
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

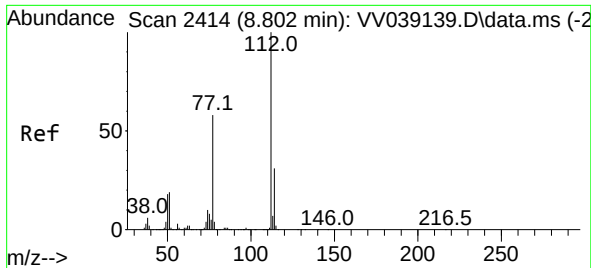
Tgt Ion:	117	Resp:	813119
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.4	68.2
119	31.9	25.6	38.4



#64
Tetrachloroethene
Concen: 0.128 ug/l
RT: 7.908 min Scan# 2136
Delta R.T. 0.013 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion:	164	Resp:	874
Ion	Ratio	Lower	Upper
164	100		
166	106.5	101.6	152.4
129	92.3	78.5	117.7
131	53.9	76.8	115.2

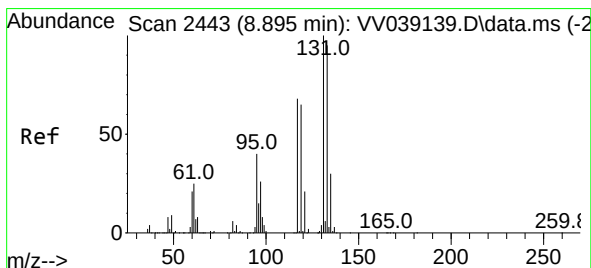
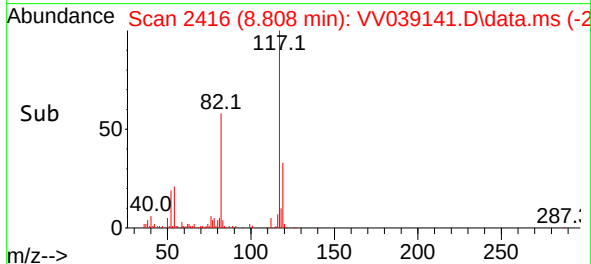
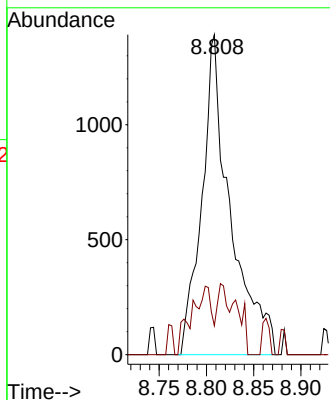
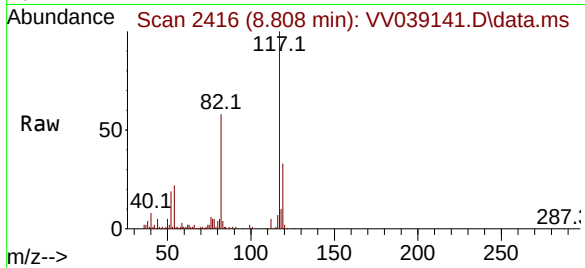




#65
Chlorobenzene
Concen: 0.129 ug/l
RT: 8.808 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

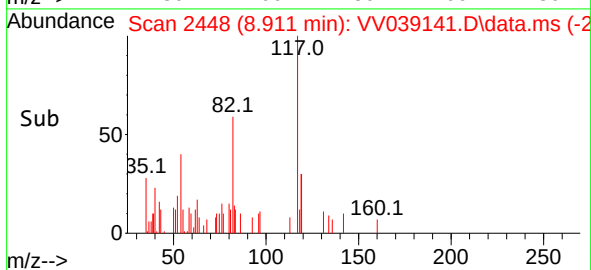
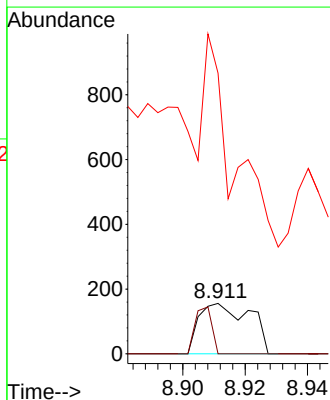
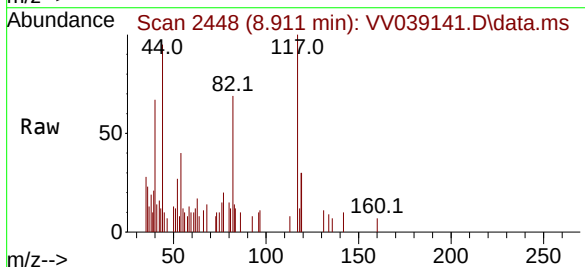
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

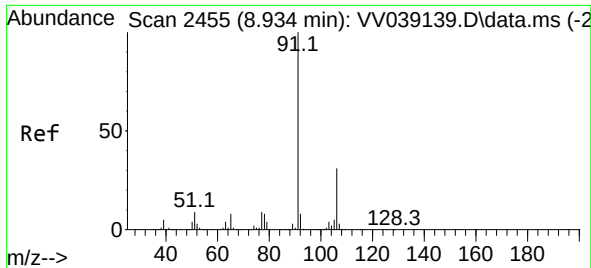
Tgt Ion:112 Resp: 2923
Ion Ratio Lower Upper
112 100
114 9.1 24.6 37.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.022 ug/l
RT: 8.911 min Scan# 2448
Delta R.T. 0.016 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion:131 Resp: 177
Ion Ratio Lower Upper
131 100
133 30.5 47.3 141.8#
119 0.0 33.3 99.8#

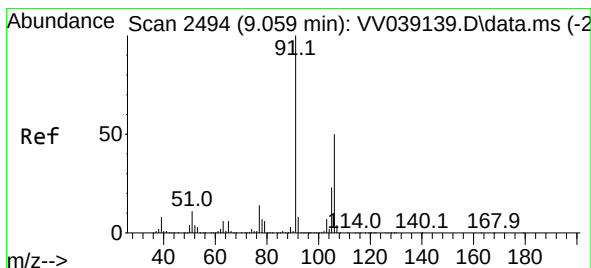
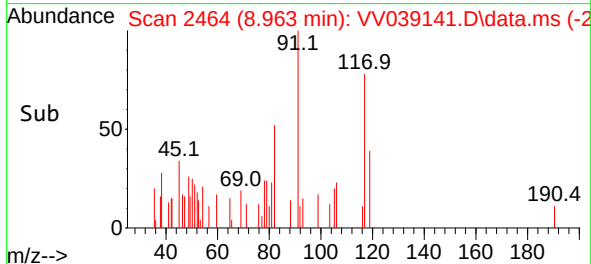
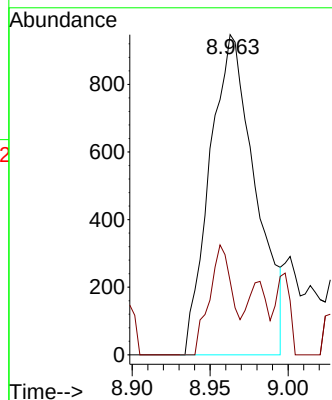
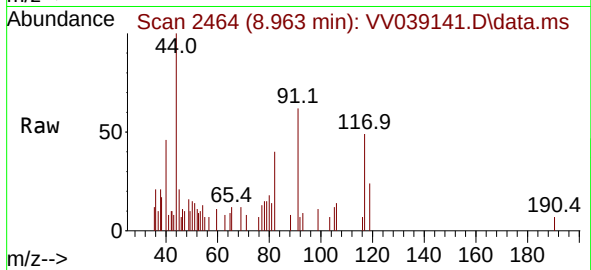




#67
Ethyl Benzene
Concen: 0.056 ug/l
RT: 8.963 min Scan# 2455
Delta R.T. 0.029 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

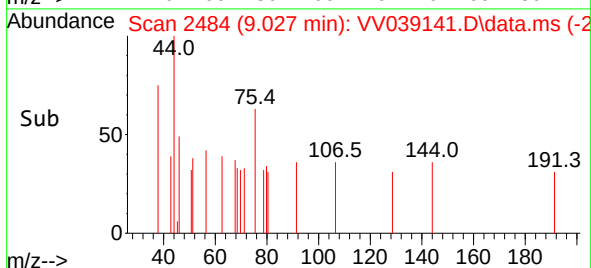
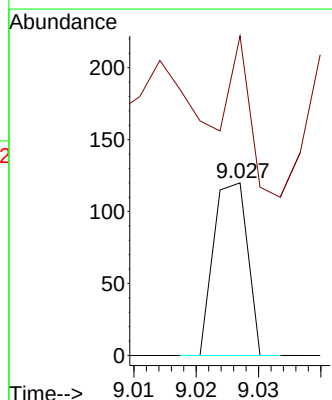
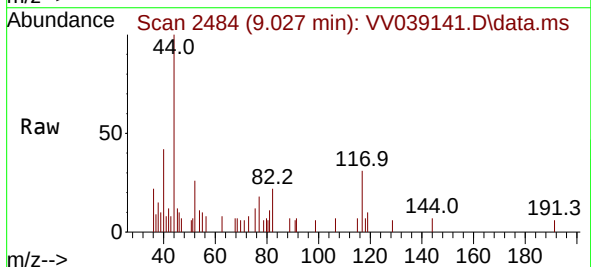
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

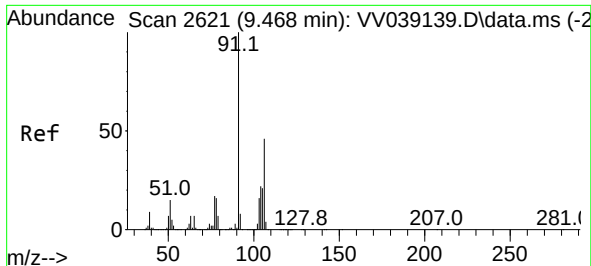
Tgt Ion: 91 Resp: 1929
Ion Ratio Lower Upper
91 100
106 23.0 24.6 37.0#



#68
m/p-Xylenes
Concen: 0.003 ug/l
RT: 9.027 min Scan# 2484
Delta R.T. -0.032 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 106 Resp: 45
Ion Ratio Lower Upper
106 100
91 404.4 162.5 243.7#

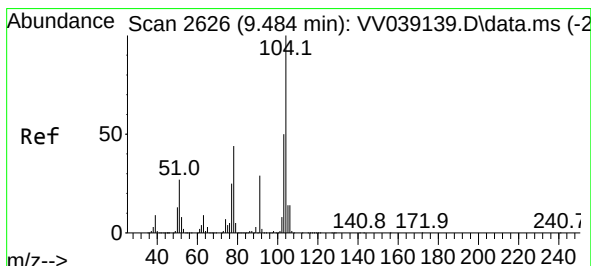
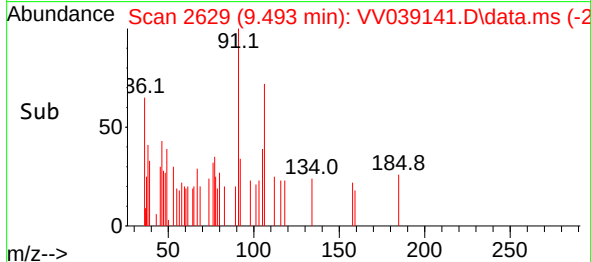
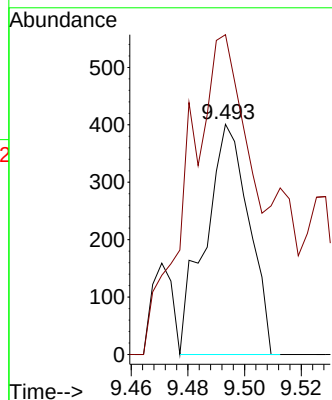
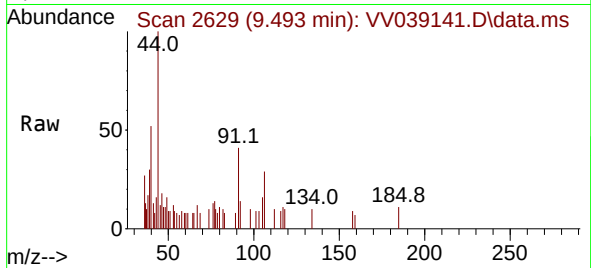




#69
o-Xylene
Concen: 0.036 ug/l
RT: 9.493 min Scan# 2629
Delta R.T. 0.026 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

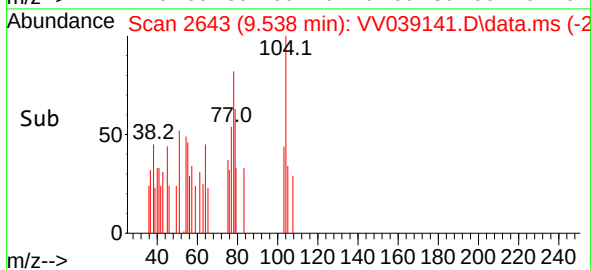
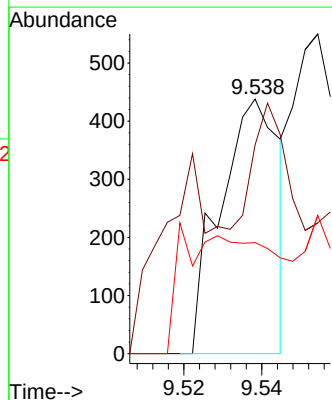
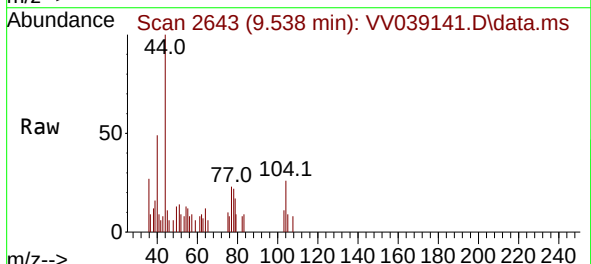
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

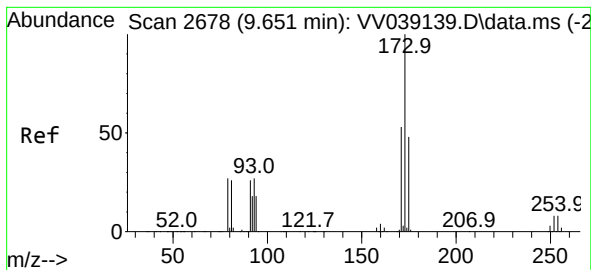
Tgt Ion:106 Resp: 427
Ion Ratio Lower Upper
106 100
91 206.3 109.1 327.3



#70
Styrene
Concen: 1.579 ug/l
RT: 9.538 min Scan# 2643
Delta R.T. 0.054 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion:104 Resp: 457
Ion Ratio Lower Upper
104 100
78 79.6 39.8 59.6#
103 0.0 43.4 65.2#





#71

Bromoform

Concen: 0.112 ug/l

RT: 9.677 min Scan# 2

Delta R.T. 0.026 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

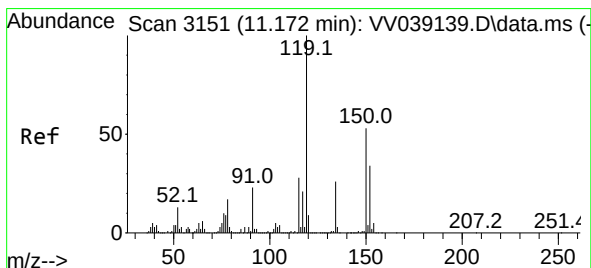
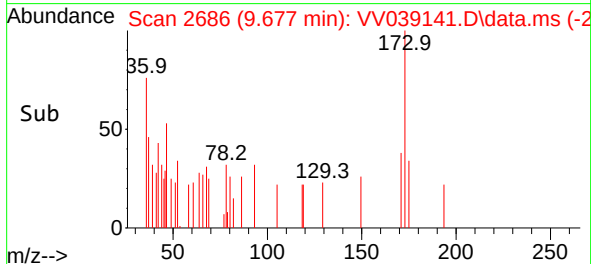
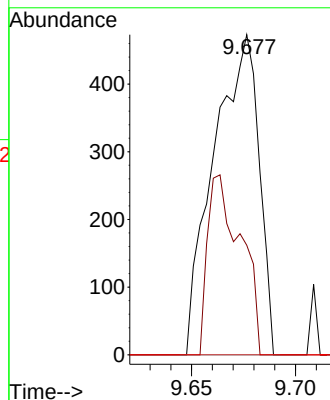
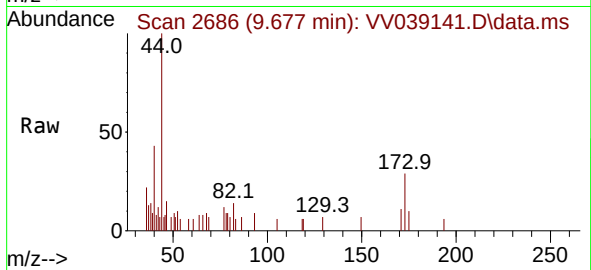
Tgt Ion:173 Resp: 713

Ion Ratio Lower Upper

173 100

175 41.4 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

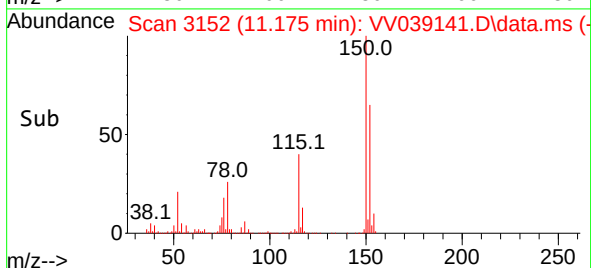
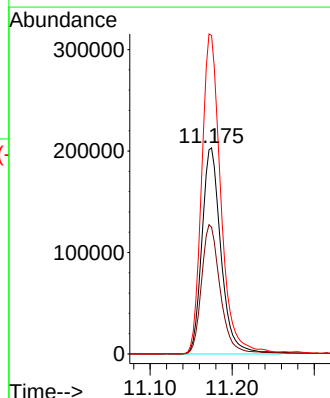
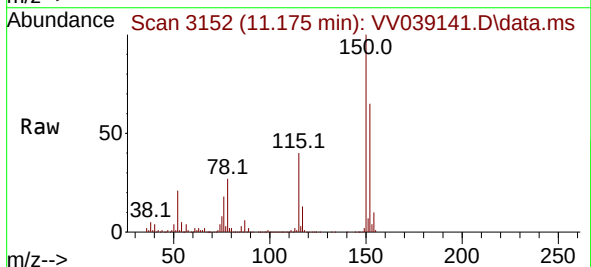
Tgt Ion:152 Resp: 327654

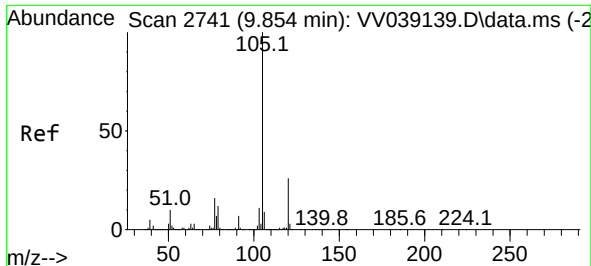
Ion Ratio Lower Upper

152 100

115 62.2 44.8 134.4

150 155.4 0.0 353.8

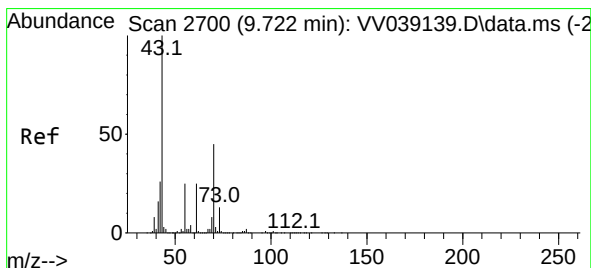
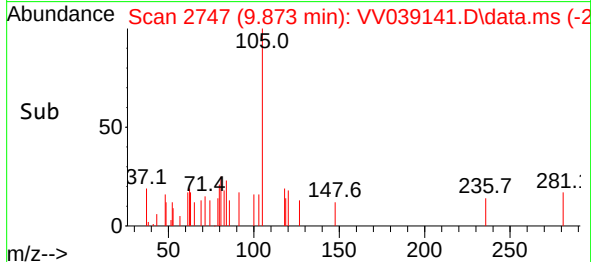
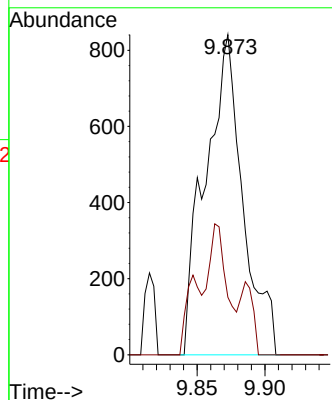
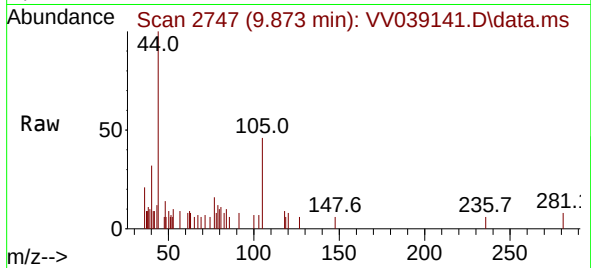




#73
Isopropylbenzene
Concen: 0.068 ug/l
RT: 9.873 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

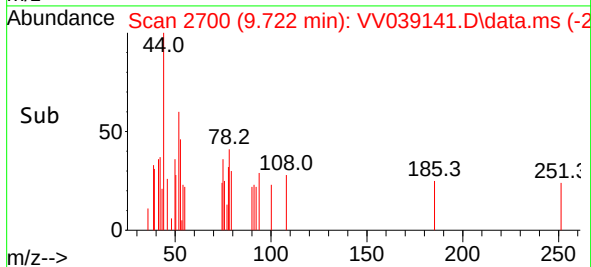
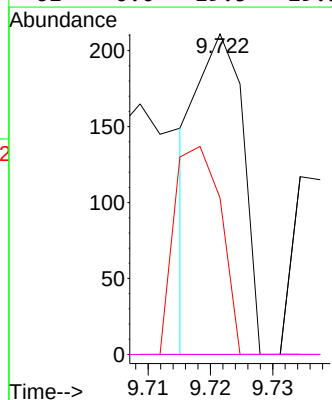
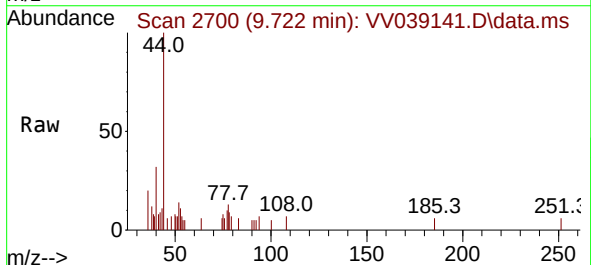
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

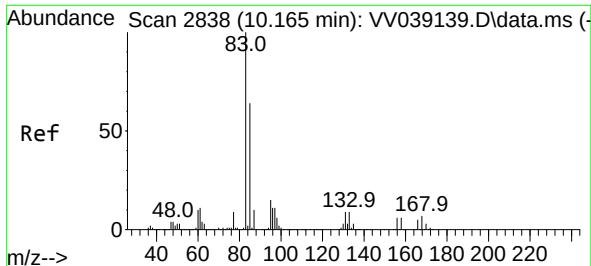
Tgt Ion:105 Resp: 1612
Ion Ratio Lower Upper
105 100
120 20.6 13.1 39.1



#74
N-ethyl acetate
Concen: 0.012 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
70 0.0 35.4 53.0#
55 64.5 20.6 30.8#
61 0.0 19.5 29.3#

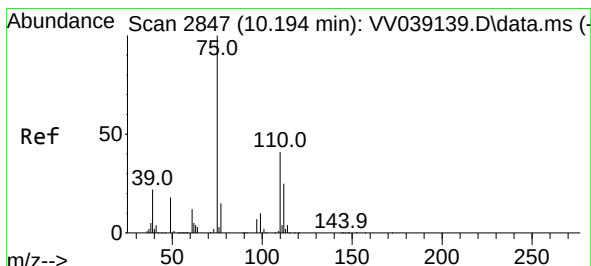
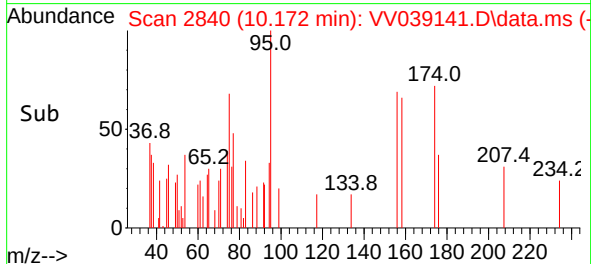
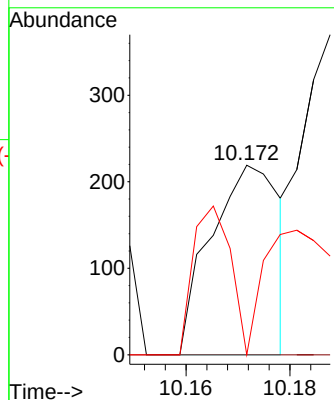
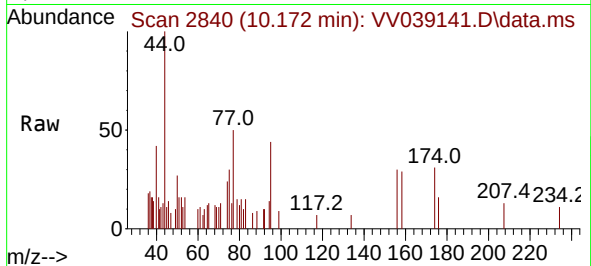




#75
1,1,2,2-Tetrachloroethane
Concen: 0.019 ug/l
RT: 10.172 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

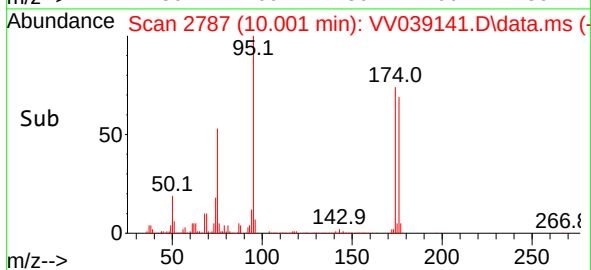
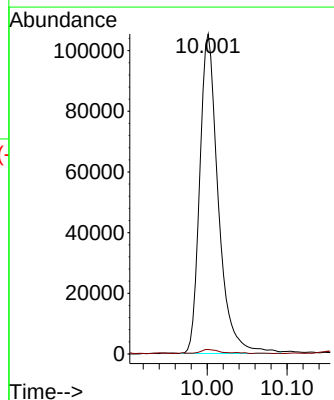
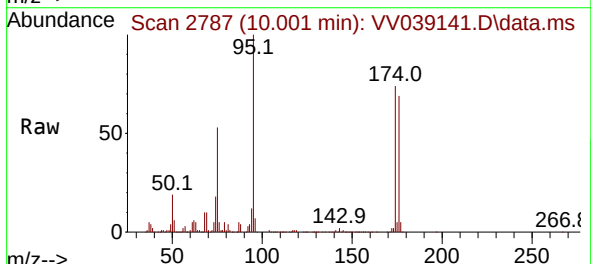
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

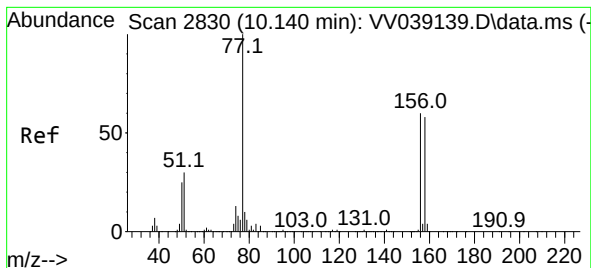
Tgt Ion: 83 Resp: 202
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 42.1 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 22.853 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 75 Resp: 170484
Ion Ratio Lower Upper
75 100
77 1.1 11.3 33.8#





#77

Bromobenzene

Concen: 0.166 ug/l

RT: 10.162 min Scan# 2837

Delta R.T. 0.022 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

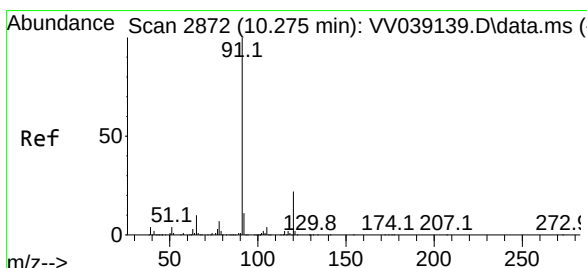
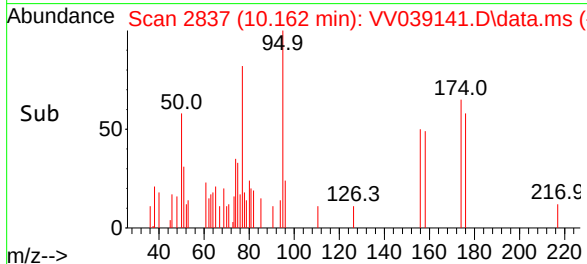
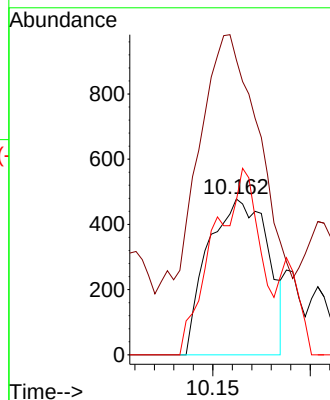
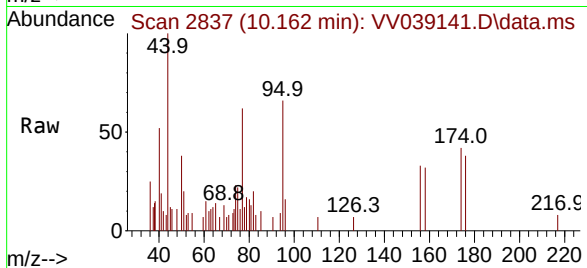
Tgt Ion:156 Resp: 1022

Ion Ratio Lower Upper

156 100

77 163.5 83.4 250.1

158 93.8 48.8 146.4



#78

n-propylbenzene

Concen: 0.144 ug/l

RT: 10.297 min Scan# 2879

Delta R.T. 0.022 min

Lab File: VV039141.D

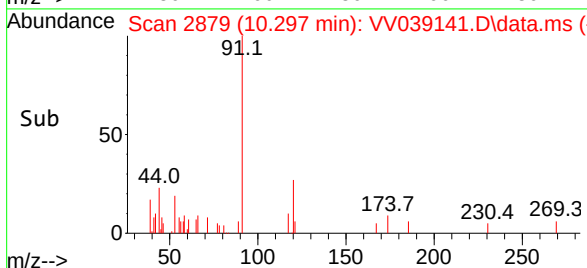
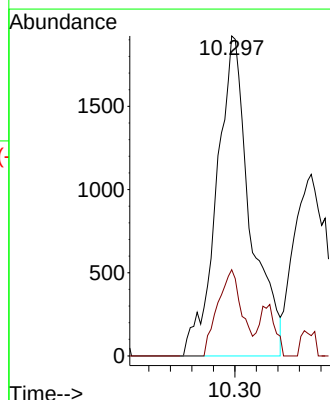
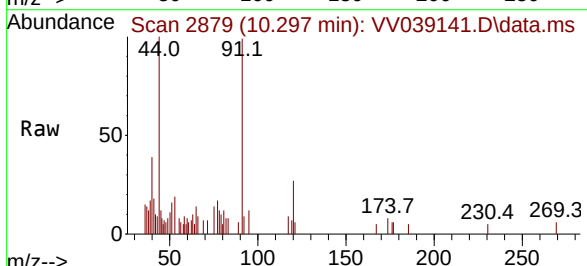
Acq: 22 Sep 2025 14:21

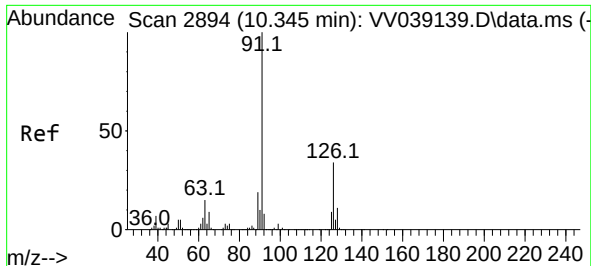
Tgt Ion: 91 Resp: 4165

Ion Ratio Lower Upper

91 100

120 19.4 11.1 33.3

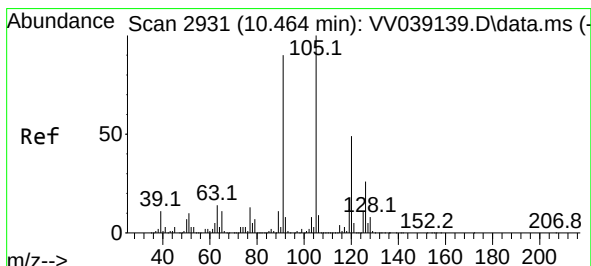
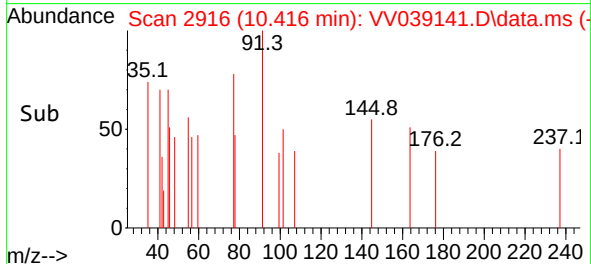
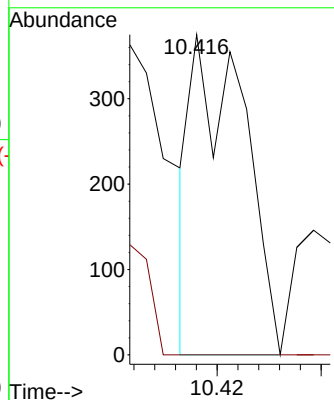
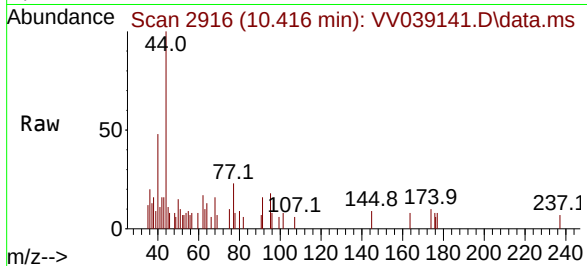




#79
2-Chlorotoluene
Concen: 0.015 ug/l
RT: 10.416 min Scan# 2916
Delta R.T. 0.071 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

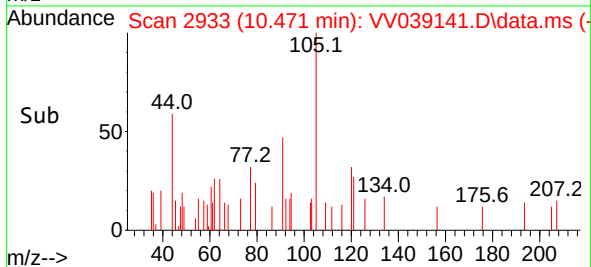
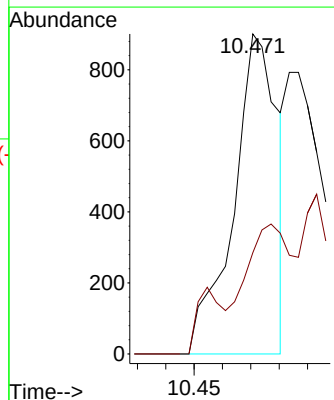
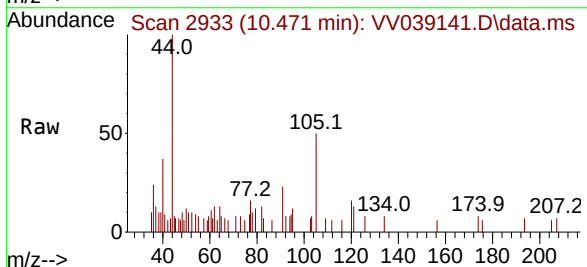
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

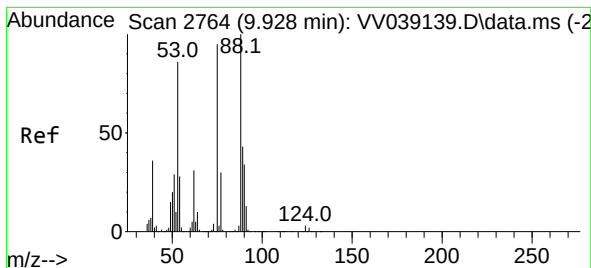
Tgt Ion: 91 Resp: 266
Ion Ratio Lower Upper
91 100
126 17.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 0.049 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.006 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 105 Resp: 962
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.862 ug/l

RT: 10.001 min Scan# 21

Delta R.T. 0.074 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

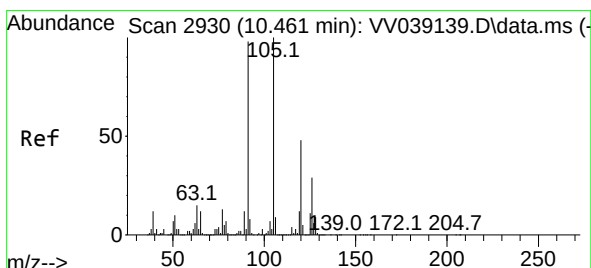
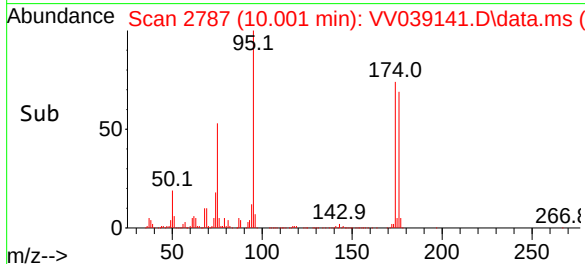
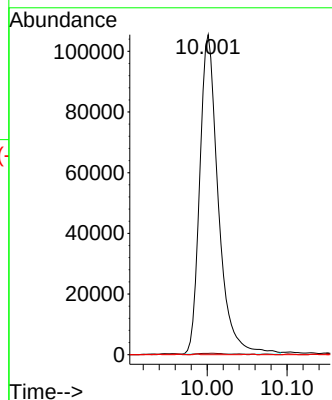
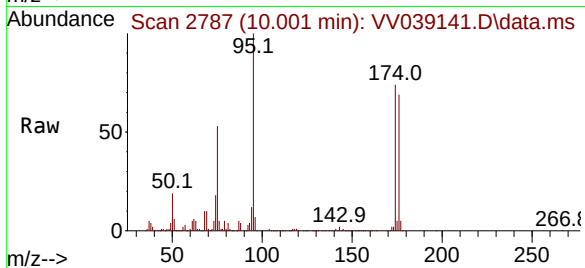
Tgt Ion: 75 Resp: 170484

Ion Ratio Lower Upper

75 100

53 0.6 72.5 108.7#

89 0.0 37.2 55.8#



#82

4-Chlorotoluene

Concen: 0.146 ug/l

RT: 10.496 min Scan# 2941

Delta R.T. 0.035 min

Lab File: VV039141.D

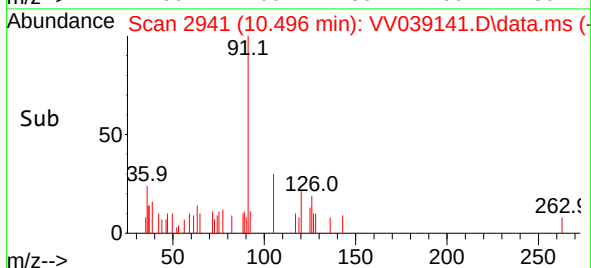
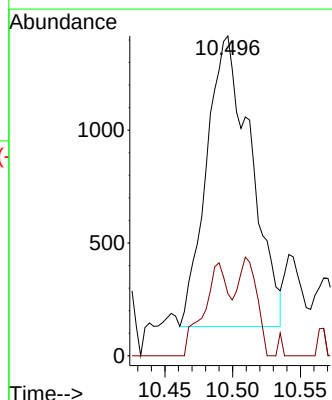
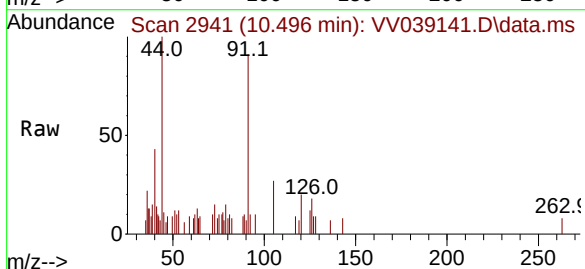
Acq: 22 Sep 2025 14:21

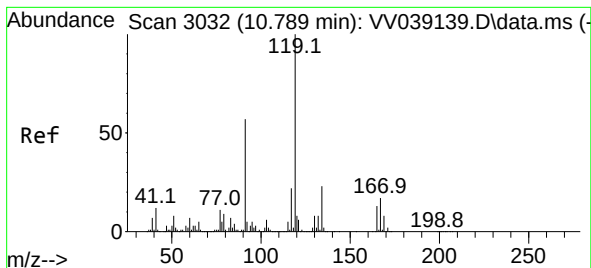
Tgt Ion: 91 Resp: 2927

Ion Ratio Lower Upper

91 100

126 18.2 14.5 43.6





#83

tert-Butylbenzene

Concen: 0.075 ug/l

RT: 10.799 min Scan# 3032

Delta R.T. 0.009 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

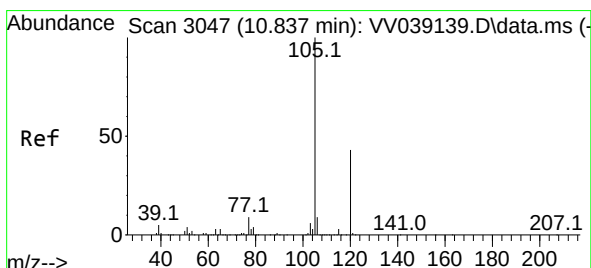
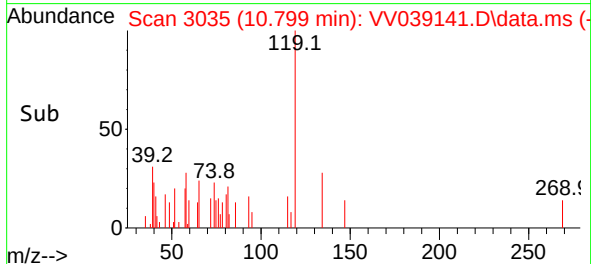
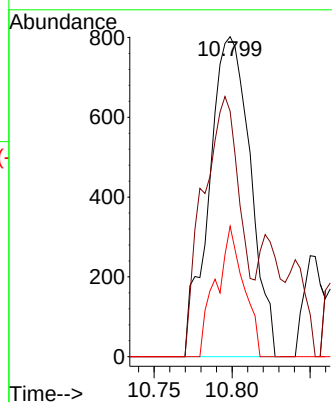
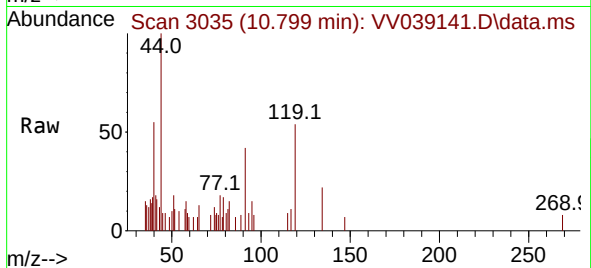
Tgt Ion:119 Resp: 1475

Ion Ratio Lower Upper

119 100

91 75.0 28.5 85.6

134 27.4 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.091 ug/l

RT: 10.857 min Scan# 3053

Delta R.T. 0.019 min

Lab File: VV039141.D

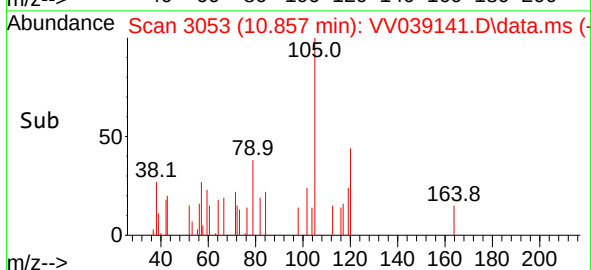
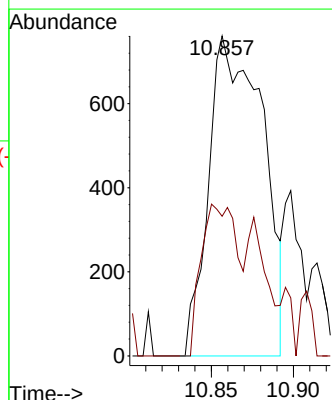
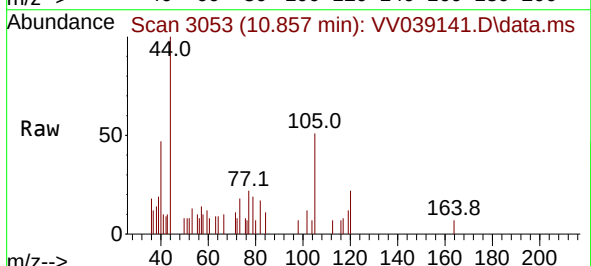
Acq: 22 Sep 2025 14:21

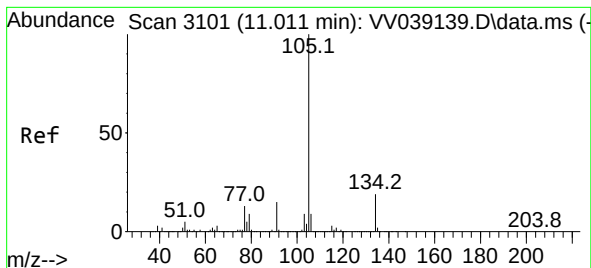
Tgt Ion:105 Resp: 1737

Ion Ratio Lower Upper

105 100

120 31.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 0.120 ug/l

RT: 11.024 min Scan# 3105

Delta R.T. 0.013 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

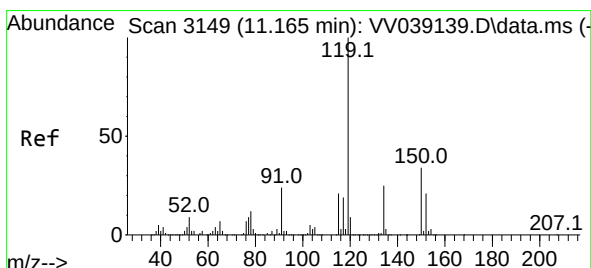
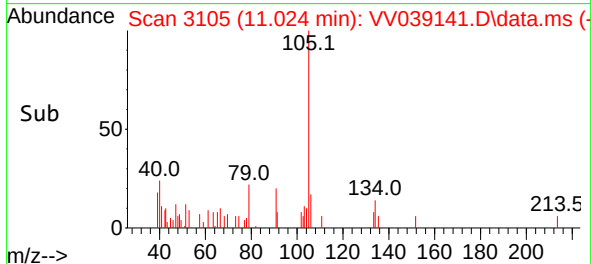
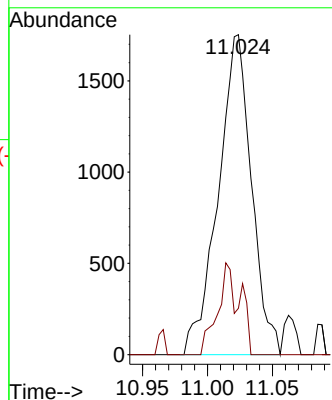
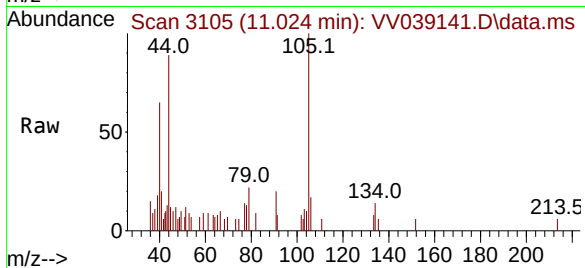
VIBLK

Tgt Ion:105 Resp: 3124

Ion Ratio Lower Upper

105 100

134 14.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 0.124 ug/l

RT: 11.181 min Scan# 3154

Delta R.T. 0.016 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

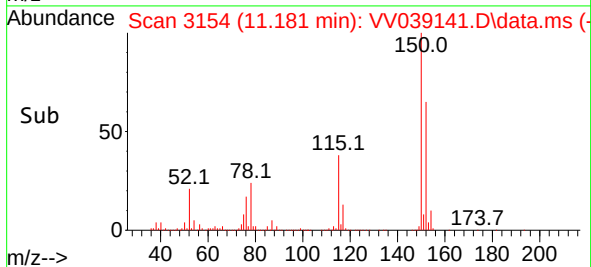
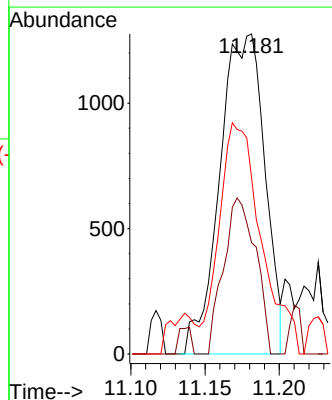
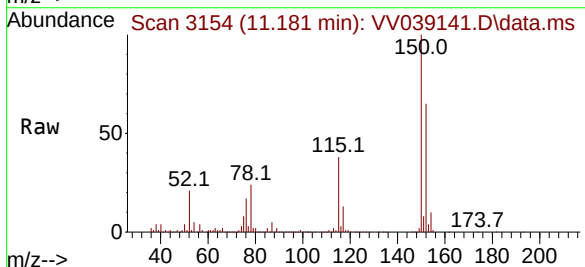
Tgt Ion:119 Resp: 2690

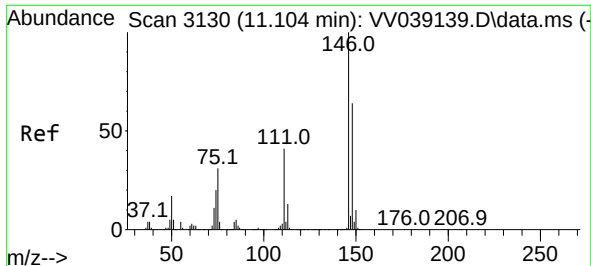
Ion Ratio Lower Upper

119 100

134 34.9 12.7 38.0

91 67.4 12.0 36.1#





#87

1,3-Dichlorobenzene

Concen: 0.232 ug/l

RT: 11.127 min Scan# 3137

Delta R.T. 0.022 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

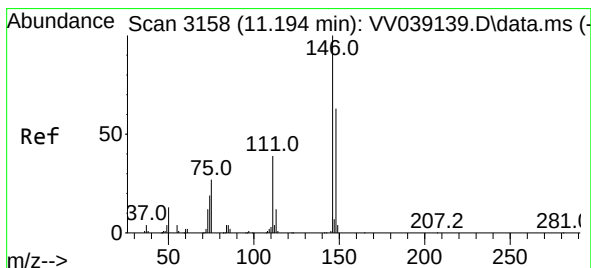
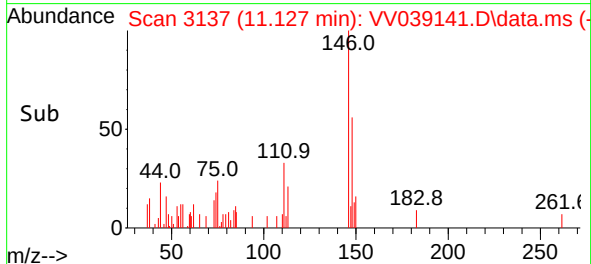
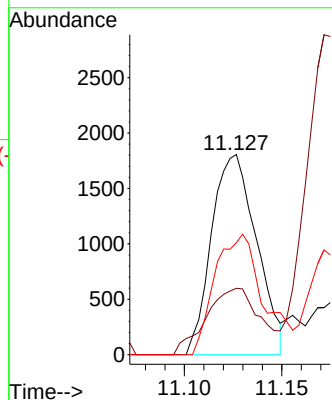
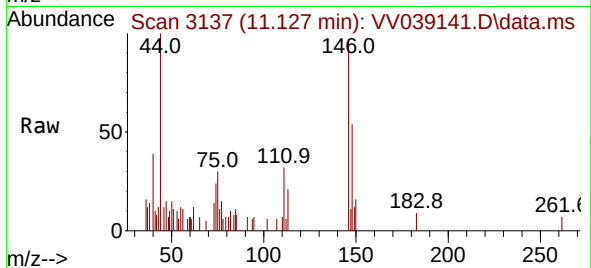
Tgt Ion:146 Resp: 2901

Ion Ratio Lower Upper

146 100

111 40.2 20.9 62.8

148 64.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.212 ug/l

RT: 11.127 min Scan# 3137

Delta R.T. -0.068 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

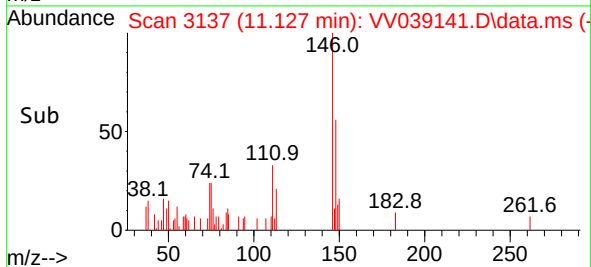
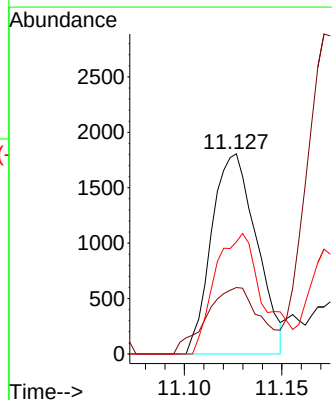
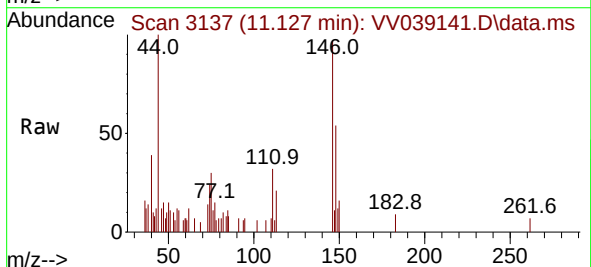
Tgt Ion:146 Resp: 2901

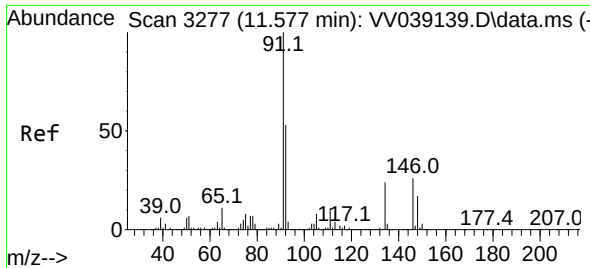
Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.8

148 64.9 31.4 94.2

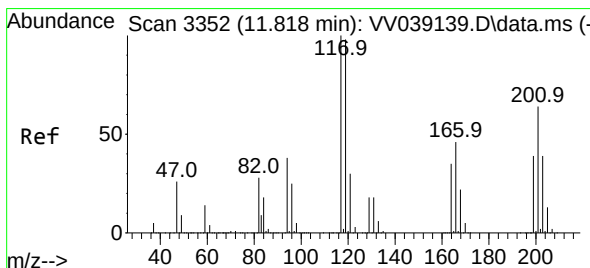
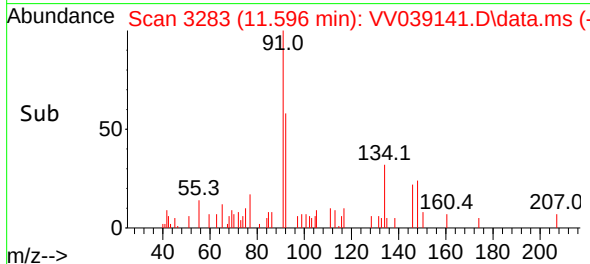
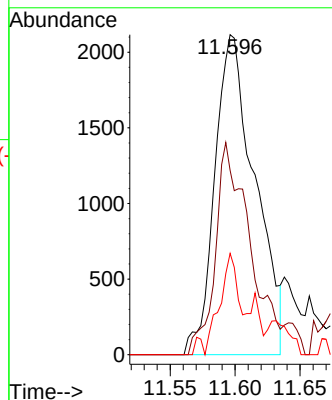
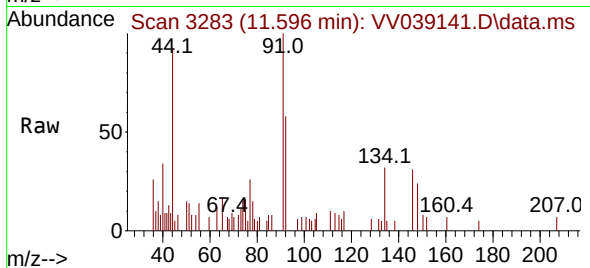




#89
n-Butylbenzene
Concen: 0.219 ug/l
RT: 11.596 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

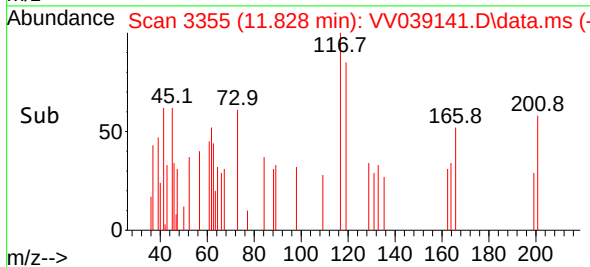
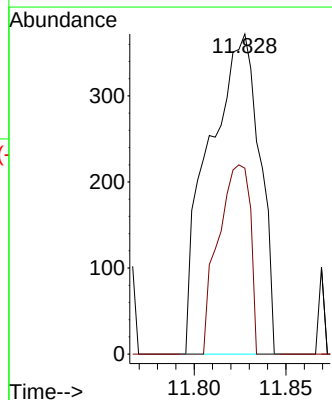
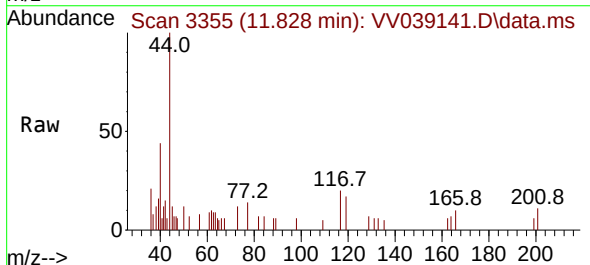
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

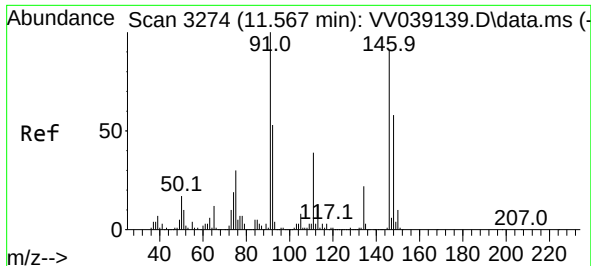
Tgt Ion: 91 Resp: 4544
Ion Ratio Lower Upper
91 100
92 56.8 26.6 79.8
134 16.7 12.1 36.3



#90
Hexachloroethane
Concen: 0.134 ug/l
RT: 11.828 min Scan# 3355
Delta R.T. 0.009 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 117 Resp: 715
Ion Ratio Lower Upper
117 100
201 37.1 32.3 96.8

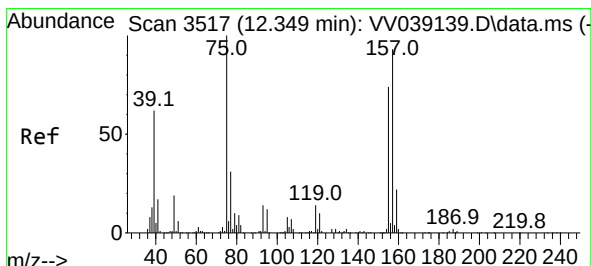
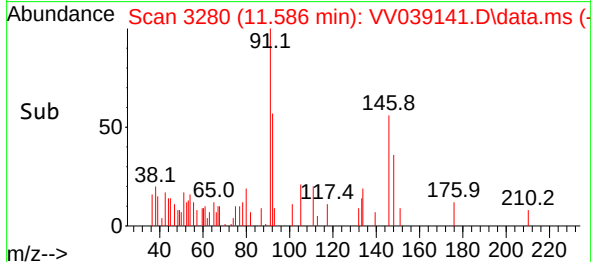
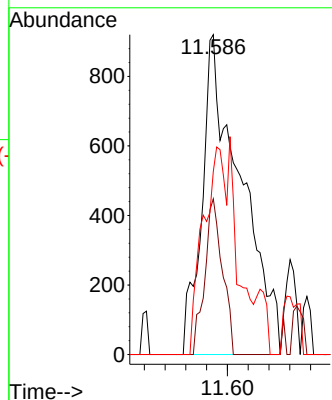
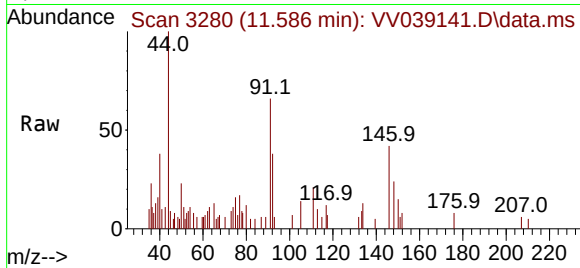




#91
 1,2-Dichlorobenzene
 Concen: 0.203 ug/l
 RT: 11.586 min Scan# 31
 Delta R.T. 0.019 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

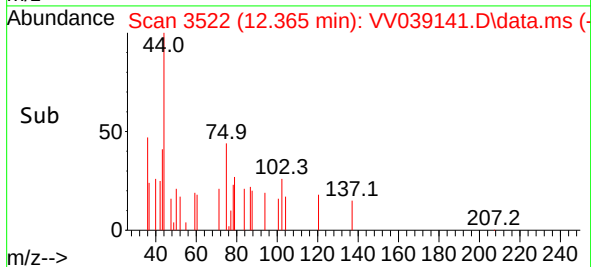
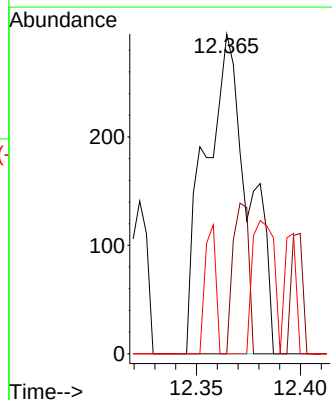
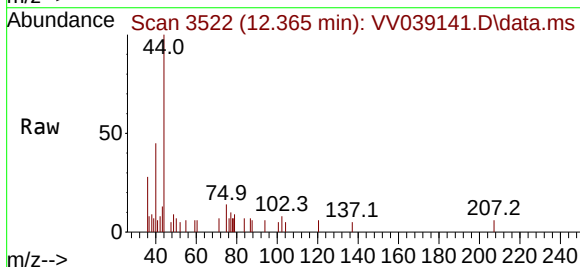
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

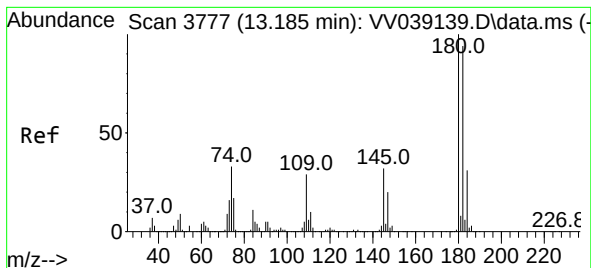
Tgt Ion:146 Resp: 2363
 Ion Ratio Lower Upper
 146 100
 111 22.3 21.5 64.5
 148 55.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 12.365 min Scan# 3522
 Delta R.T. 0.016 min
 Lab File: VV039141.D
 Acq: 22 Sep 2025 14:21

Tgt Ion: 75 Resp: 430
 Ion Ratio Lower Upper
 75 100
 155 17.0 38.6 115.8#
 157 10.0 49.5 148.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.411 ug/l

RT: 13.207 min Scan# 3777

Delta R.T. 0.022 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

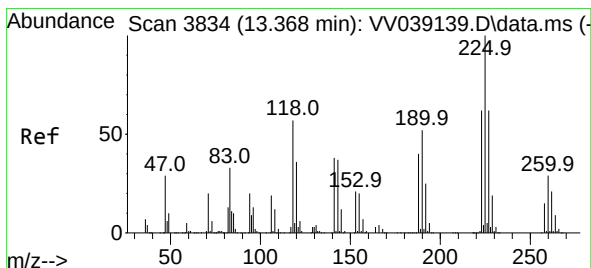
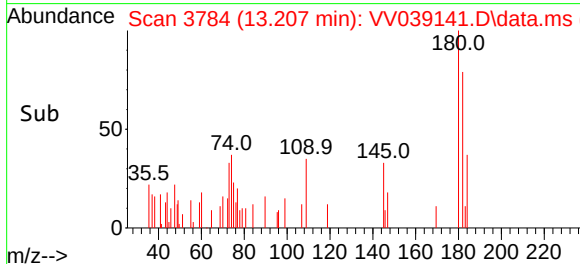
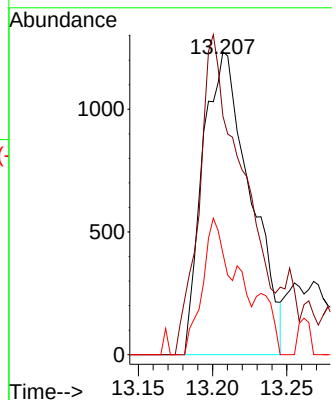
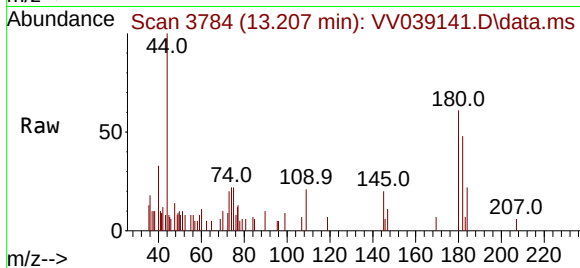
Tgt Ion:180 Resp: 2746

Ion Ratio Lower Upper

180 100

182 97.3 47.1 141.4

145 23.3 16.3 48.8



#94

Hexachlorobutadiene

Concen: 0.403 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

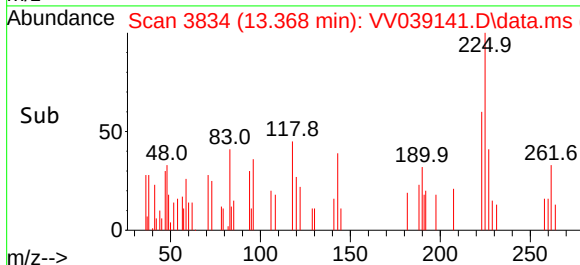
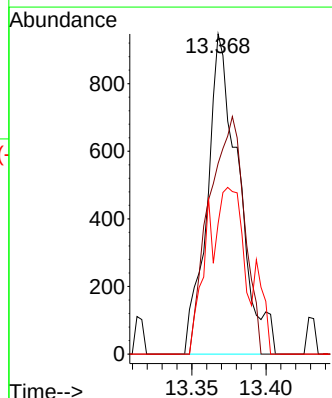
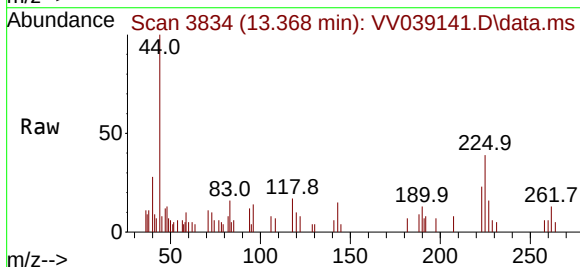
Tgt Ion:225 Resp: 1398

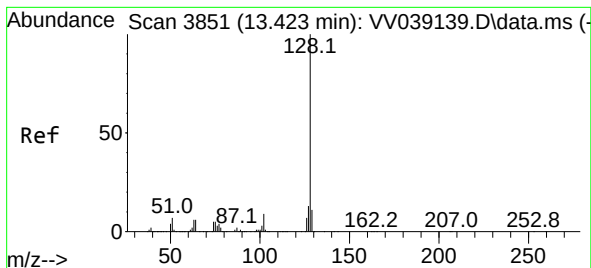
Ion Ratio Lower Upper

225 100

223 83.0 31.6 94.7

227 58.9 31.8 95.4





#95

Naphthalene

Concen: 0.241 ug/l

RT: 13.464 min Scan# 3930

Delta R.T. 0.041 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

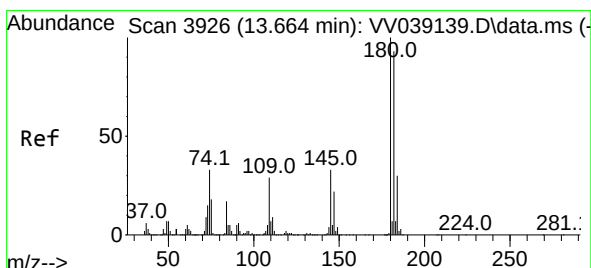
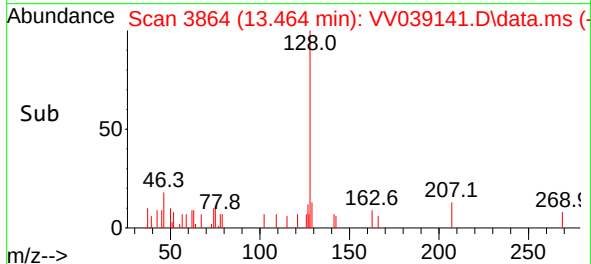
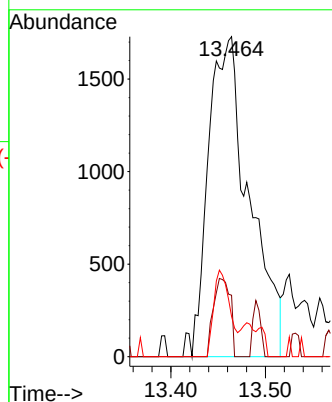
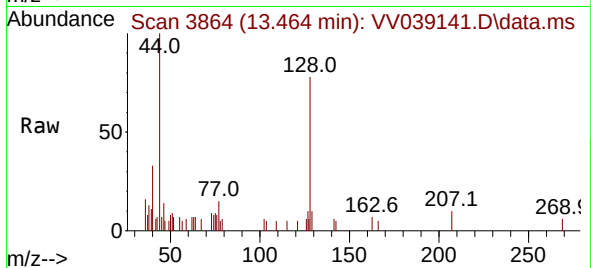
Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion:128	Resp:	5204
Ion Ratio	Lower	Upper
128	100	
127	10.0	10.3 15.5#
129	10.7	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.340 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Tgt Ion:180	Resp:	2324
Ion Ratio	Lower	Upper
180	100	
182	117.0	46.9 140.8
145	25.6	17.0 51.0

