

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038939.D
 Acq On : 11 Aug 2025 11:54
 Operator : SY/MD
 Sample : VV0811WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

Quant Time: Aug 12 01:45:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	453800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	751492	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	736355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	417972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	352941	54.081	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 108.160%	
35) Dibromofluoromethane	4.503	113	281983	49.461	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 98.920%	
50) Toluene-d8	7.236	98	985498	49.911	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	10.001	95	361653	50.858	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 101.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	58283	19.089	ug/l	98
3) Chloromethane	1.230	50	56560	19.415	ug/l	99
4) Vinyl Chloride	1.294	62	69787	19.496	ug/l	98
5) Bromomethane	1.497	94	61081	21.768	ug/l	98
6) Chloroethane	1.561	64	52126	20.245	ug/l	95
7) Trichlorofluoromethane	1.725	101	137606	19.411	ug/l	100
8) Diethyl Ether	1.918	74	57632	21.802	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	64117	14.159	ug/l	97
10) Methyl Iodide	2.198	142	79919	18.523	ug/l	99
11) Tert butyl alcohol	2.568	59	130778	118.485	ug/l	99
12) 1,1-Dichloroethene	2.082	96	54931	14.637	ug/l	98
13) Acrolein	2.011	56	66220	77.953	ug/l	94
14) Allyl chloride	2.359	41	135889	20.705	ug/l	96
15) Acrylonitrile	2.674	53	329151	112.956	ug/l	98
16) Acetone	2.121	43	208617	89.052	ug/l	98
17) Carbon Disulfide	2.252	76	103093	17.011	ug/l	97
18) Methyl Acetate	2.381	43	234079	27.867	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	341675	22.126	ug/l	100
20) Methylene Chloride	2.455	84	101952	18.913	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	76609	18.780	ug/l	99
22) Diisopropyl ether	3.217	45	300021	22.606	ug/l	86
23) Vinyl Acetate	3.191	43	1118798	113.479	ug/l	98
24) 1,1-Dichloroethane	3.117	63	175300	20.595	ug/l	99
25) 2-Butanone	3.873	43	371025	124.826	ug/l	95
26) 2,2-Dichloropropane	3.812	77	139834	18.541	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	101129	20.675	ug/l	99
28) Bromochloromethane	4.149	49	55778	19.508	ug/l	95
29) Tetrahydrofuran	4.239	42	233774	120.127	ug/l	98
30) Chloroform	4.281	83	195778	21.139	ug/l	95
31) Cyclohexane	4.587	56	100444	19.158	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	162663	20.421	ug/l	98
36) 1,1-Dichloropropene	4.748	75	93020	18.351	ug/l	98
37) Ethyl Acetate	3.986	43	136099	20.266	ug/l	96
38) Carbon Tetrachloride	4.735	117	126379	18.876	ug/l	96
39) Methylcyclohexane	6.047	83	98631	17.928	ug/l	98
40) Benzene	5.011	78	343173	20.475	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	61688	22.714	ug/l	95
42) 1,2-Dichloroethane	5.043	62	141416	21.761	ug/l	99
43) Isopropyl Acetate	5.198	43	203696	21.832	ug/l	98
44) Trichloroethene	5.834	130	86749	19.421	ug/l	89
45) 1,2-Dichloropropane	6.095	63	94054	20.136	ug/l	98
46) Dibromomethane	6.230	93	75202	21.749	ug/l	98
47) Bromodichloromethane	6.429	83	159476	20.759	ug/l	98
48) Methyl methacrylate	6.304	41	91559	22.162	ug/l	99
49) 1,4-Dioxane	6.291	88	37092	430.760	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	787746	121.889	ug/l	97
52) Toluene	7.310	92	223329	21.148	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	144200	21.457	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	153440	20.913	ug/l	98
55) 1,1,2-Trichloroethane	7.763	97	110379	21.360	ug/l	98
56) Ethyl methacrylate	7.718	69	137644	22.738	ug/l	96
57) 1,3-Dichloropropane	7.937	76	170565	21.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	320834	105.808	ug/l	99
59) 2-Hexanone	8.066	43	567465	121.644	ug/l	99
60) Dibromochloromethane	8.169	129	134795	21.302	ug/l	100
61) 1,2-Dibromoethane	8.278	107	114502	22.320	ug/l	100
64) Tetrachloroethene	7.899	164	83901	19.414	ug/l	98
65) Chlorobenzene	8.805	112	276572	19.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	110855	19.580	ug/l	98
67) Ethyl Benzene	8.937	91	399414	18.891	ug/l	99
68) m/p-Xylenes	9.062	106	323879	39.748	ug/l	100
69) o-Xylene	9.471	106	150329	19.620	ug/l	98
70) Styrene	9.487	104	280463	20.331	ug/l	98
71) Bromoform	9.654	173	96826	20.351	ug/l #	100
73) Isopropylbenzene	9.857	105	427490	19.595	ug/l	99
74) N-amyl acetate	9.725	43	167430	21.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	194993	20.904	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	138930	20.344	ug/l	97
77) Bromobenzene	10.143	156	117690	20.096	ug/l	99
78) n-propylbenzene	10.278	91	512106	19.898	ug/l	99
79) 2-Chlorotoluene	10.349	91	321944	20.380	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	370325	20.119	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	55426	20.320	ug/l	96
82) 4-Chlorotoluene	10.464	91	373964	20.242	ug/l	98
83) tert-Butylbenzene	10.789	119	361704	18.446	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	361329	19.779	ug/l	100
85) sec-Butylbenzene	11.014	105	471398	19.026	ug/l	100
86) p-Isopropyltoluene	11.168	119	407680	18.888	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	234813	19.181	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	247767	18.602	ug/l	99
89) n-Butylbenzene	11.580	91	370282	18.557	ug/l	98
90) Hexachloroethane	11.821	117	90012	17.679	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	224832	19.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	41252	20.327	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	136319	18.677	ug/l	98
94) Hexachlorobutadiene	13.368	225	64396	16.697	ug/l	99
95) Naphthalene	13.426	128	447551	19.542	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	143065	19.154	ug/l	100

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ClientSampleId :
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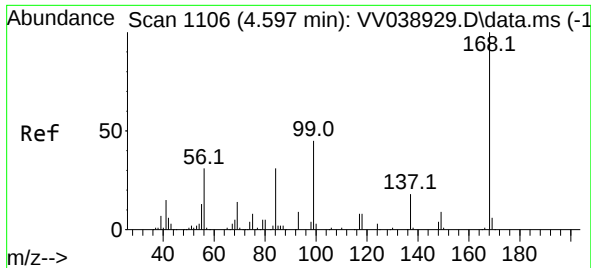
Quant Time: Aug 12 01:45:58 2025
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Quant Title : SW846 8260
QLast Update : Tue Aug 12 01:42:16 2025
Response via : Initial Calibration

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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Quant Title : SW846 8260
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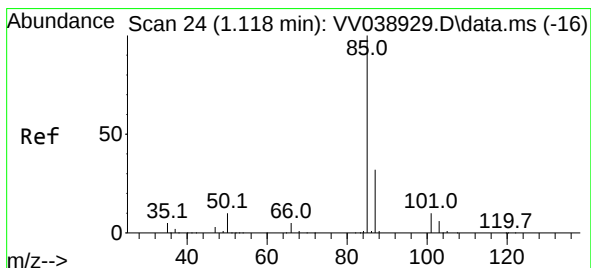
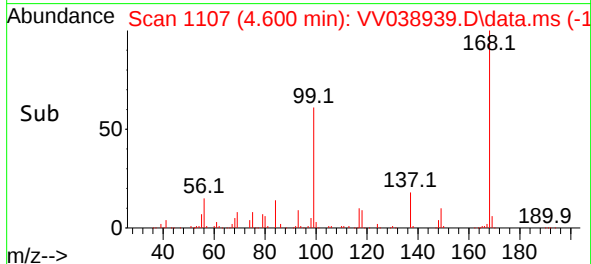
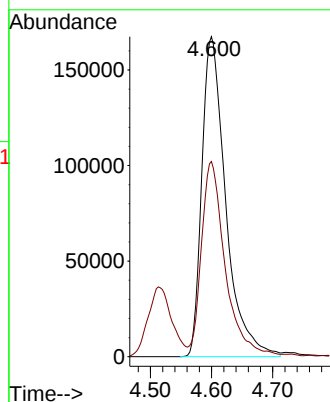
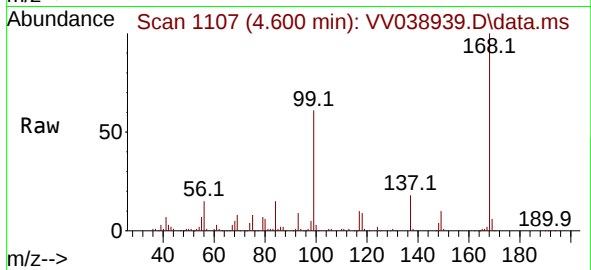




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038939.D
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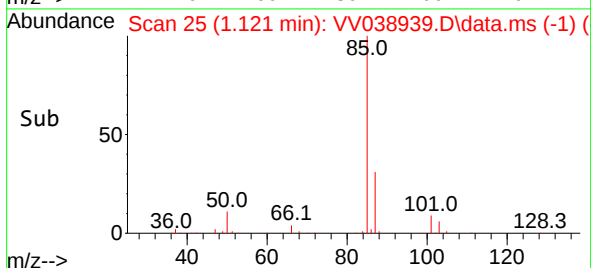
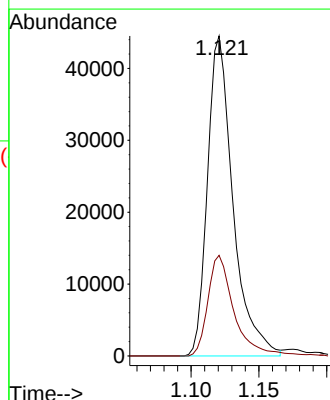
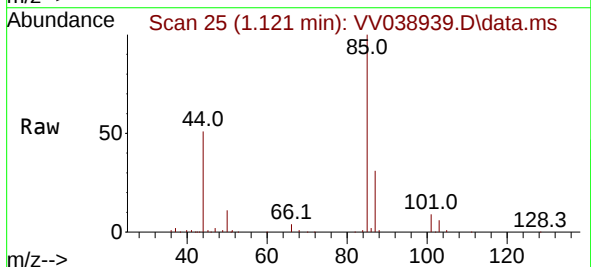
Instrument :
MSVOA_V
ClientSampleId :
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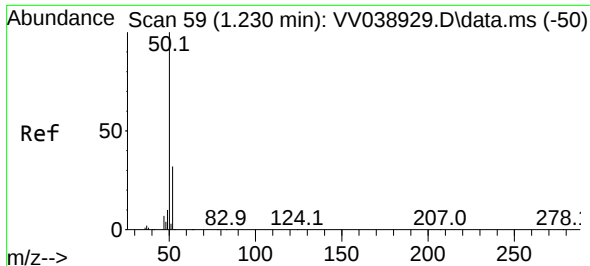
Tgt Ion:168 Resp: 453800
Ion Ratio Lower Upper
168 100
99 60.3 47.3 70.9



#2
Dichlorodifluoromethane
Concen: 19.089 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 85 Resp: 58283
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.6

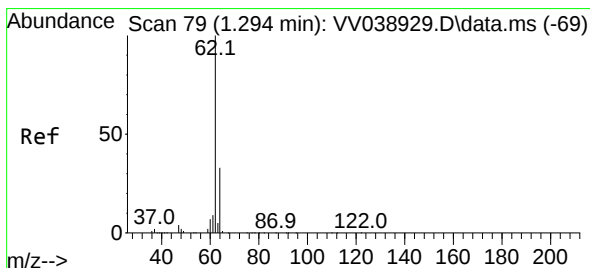
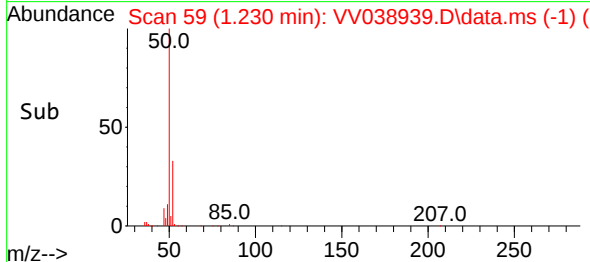
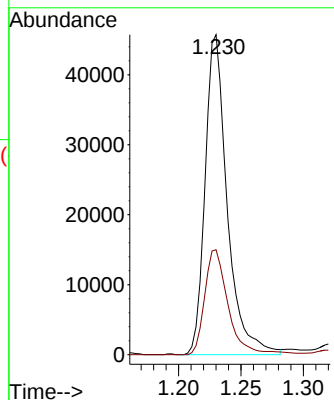
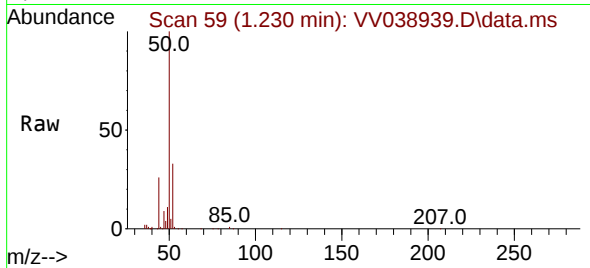




#3
Chloromethane
Concen: 19.415 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

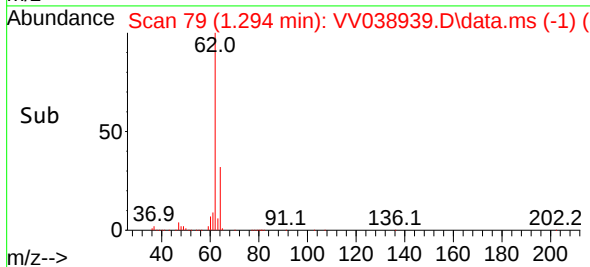
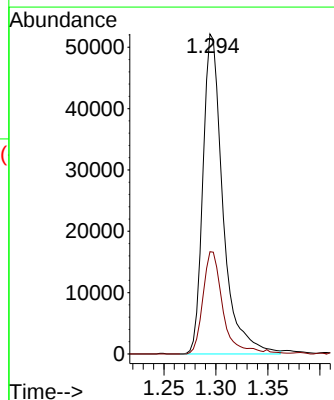
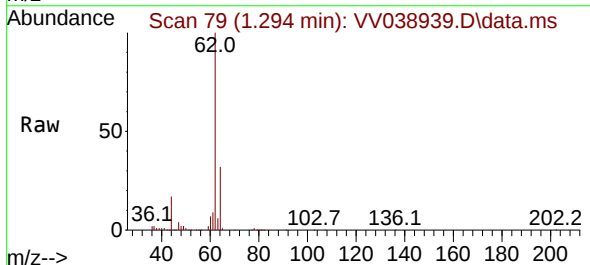
Instrument :
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ClientSampleId :
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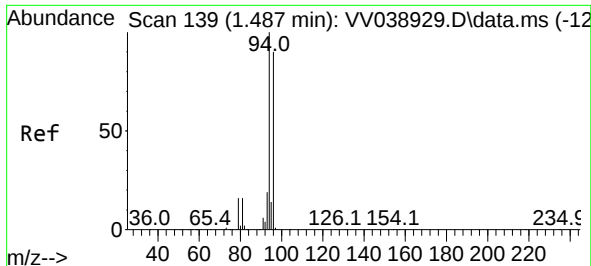
Tgt Ion: 50 Resp: 56560
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9



#4
Vinyl Chloride
Concen: 19.496 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 62 Resp: 69787
Ion Ratio Lower Upper
62 100
64 32.0 26.6 40.0

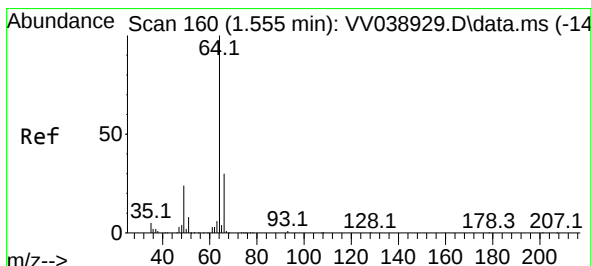
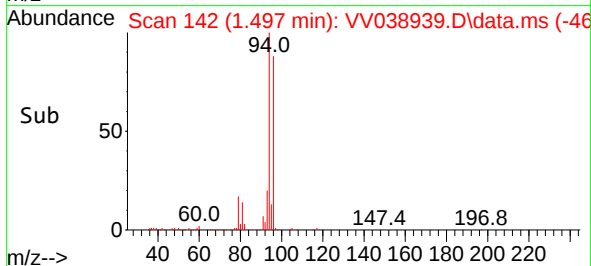
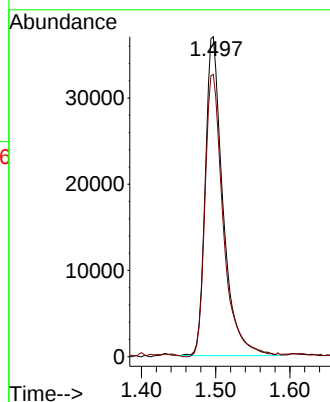
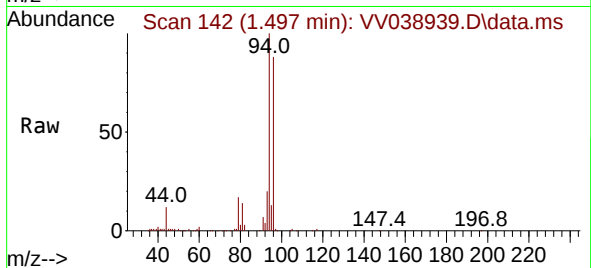




#5
Bromomethane
Concen: 21.768 ug/l
RT: 1.497 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

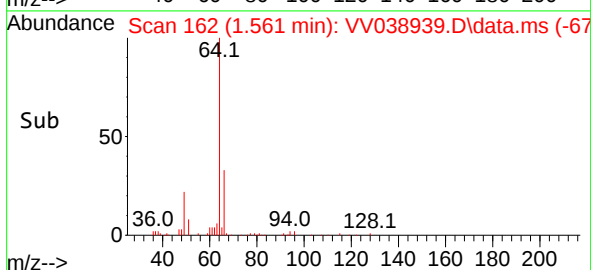
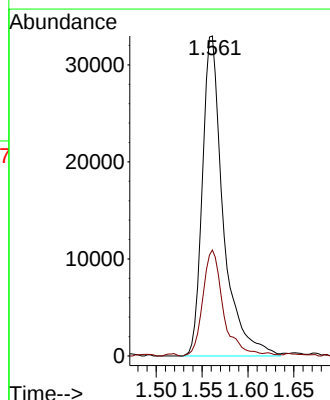
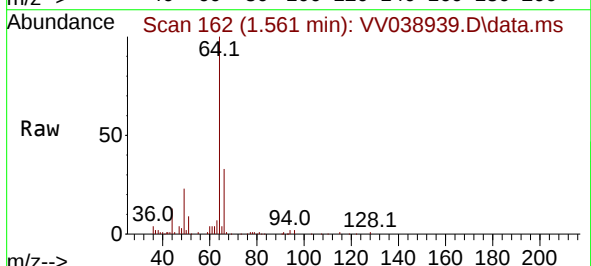
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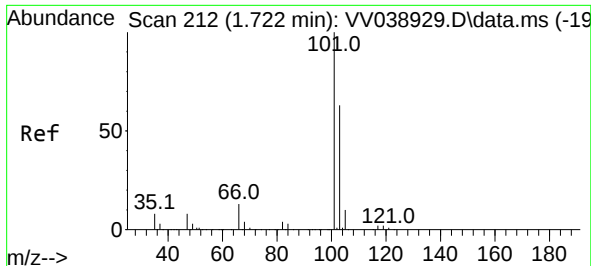
Tgt Ion: 94 Resp: 61081
Ion Ratio Lower Upper
94 100
96 88.2 71.8 107.8



#6
Chloroethane
Concen: 20.245 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 64 Resp: 52126
Ion Ratio Lower Upper
64 100
66 33.1 24.3 36.5

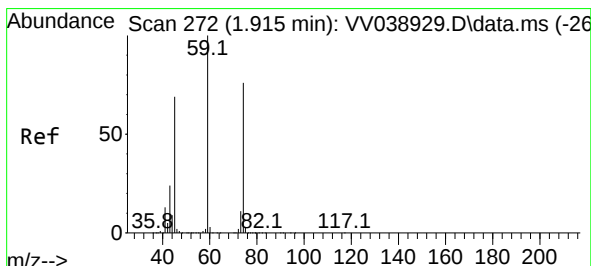
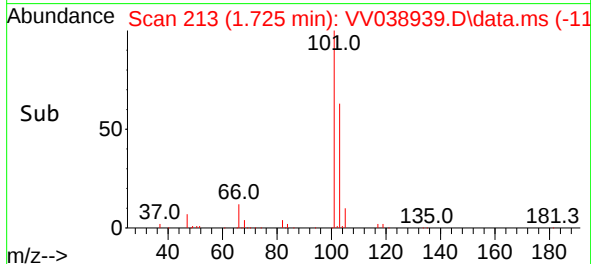
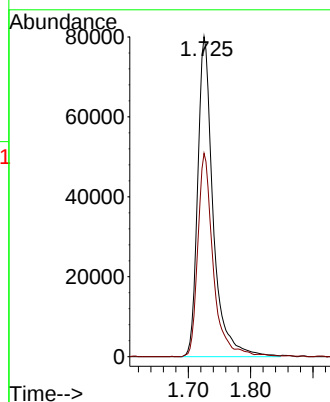
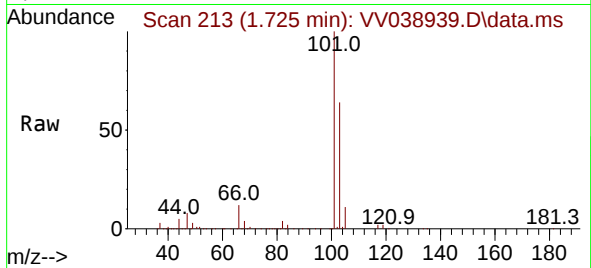




#7
 Trichlorofluoromethane
 Concen: 19.411 ug/l
 RT: 1.725 min Scan# 212
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

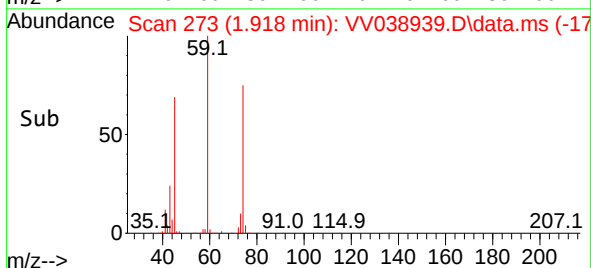
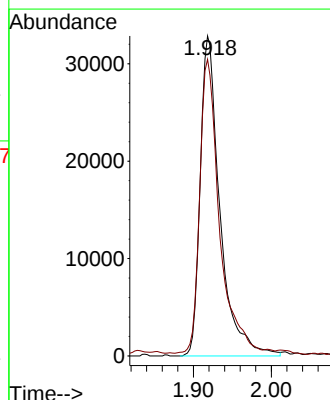
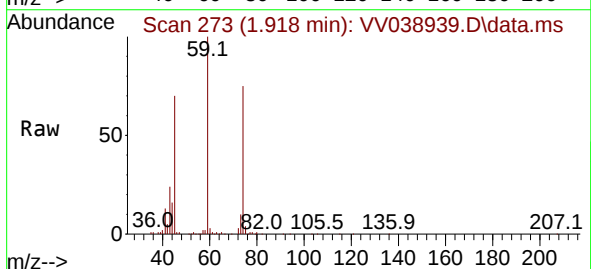
Instrument :
 MSVOA_V
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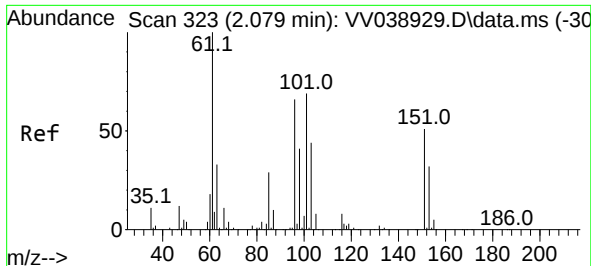
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 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2



#8
 Diethyl Ether
 Concen: 21.802 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Tgt Ion: 74 Resp: 57632
 Ion Ratio Lower Upper
 74 100
 45 91.6 44.8 134.4

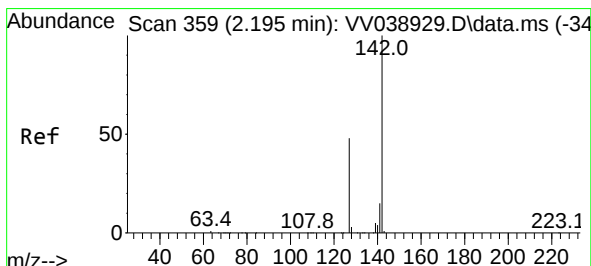
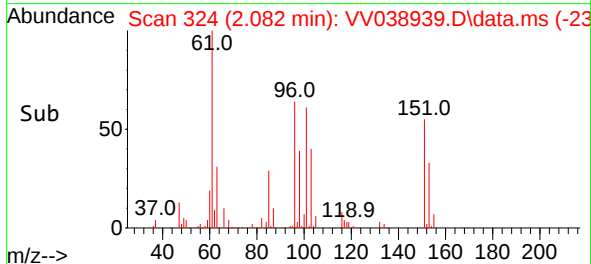
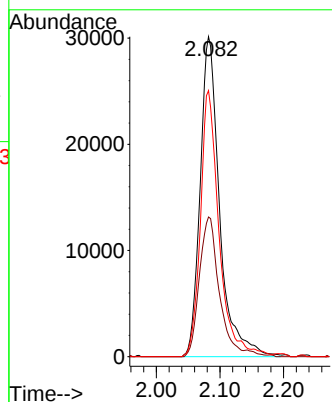
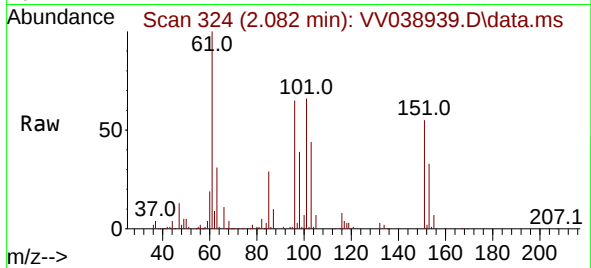




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.159 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

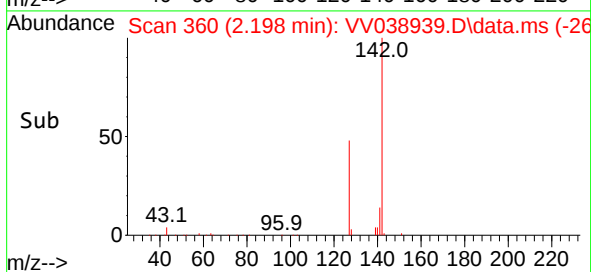
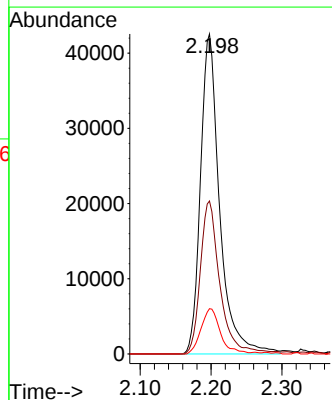
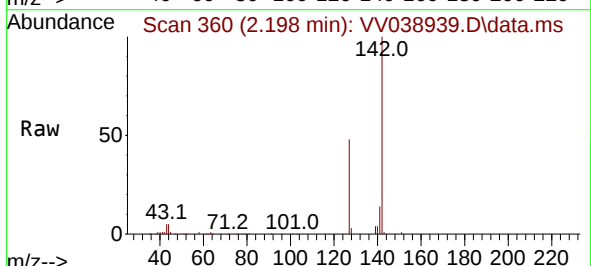
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

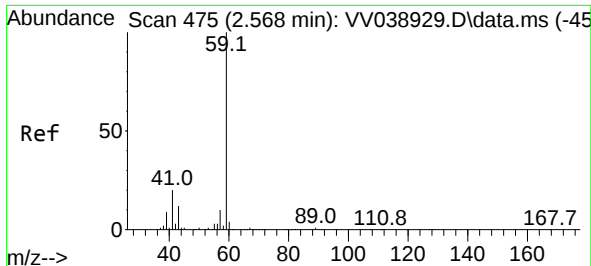
Tgt Ion:101 Resp: 64117
Ion Ratio Lower Upper
101 100
85 43.8 35.1 52.7
151 79.7 60.6 91.0



#10
Methyl Iodide
Concen: 18.523 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion:142 Resp: 79919
Ion Ratio Lower Upper
142 100
127 48.9 38.2 57.2
141 14.3 11.6 17.4

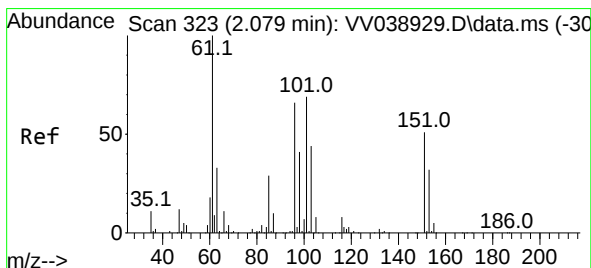
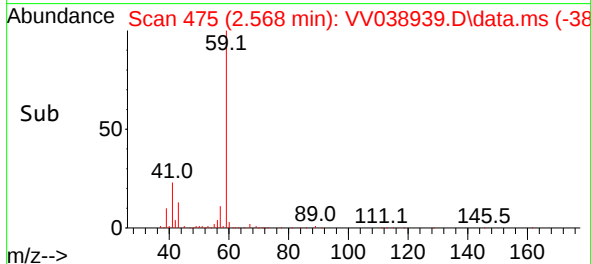
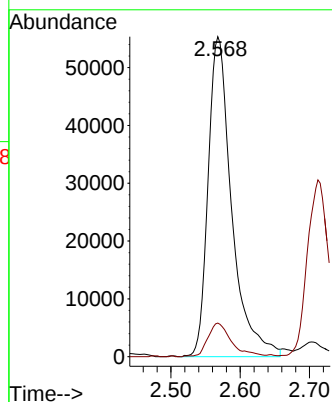
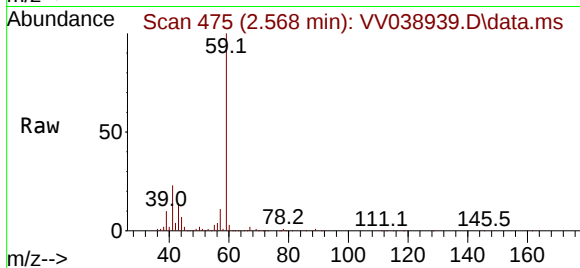




#11
Tert butyl alcohol
Concen: 118.485 ug/l
RT: 2.568 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

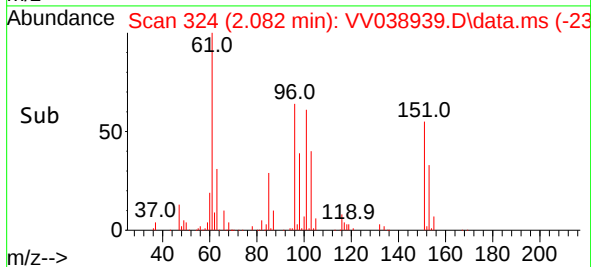
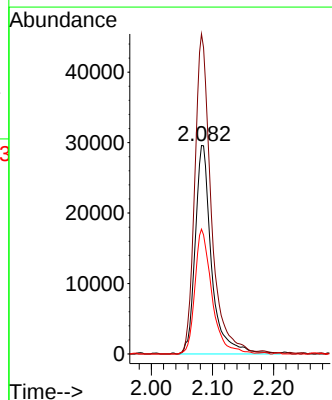
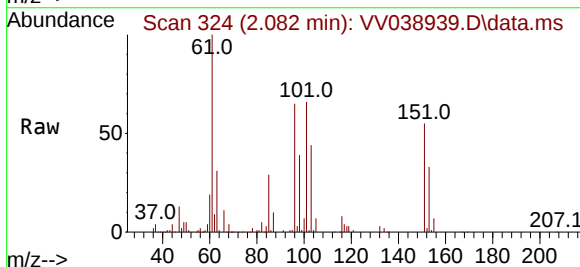
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

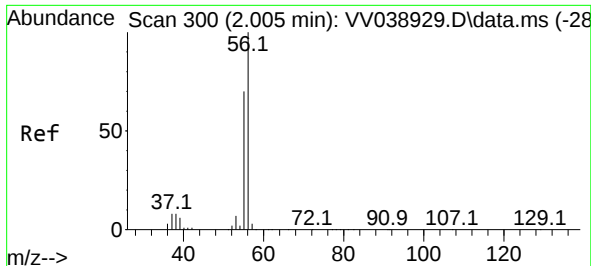
Tgt Ion: 59 Resp: 130778
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 14.637 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 96 Resp: 54931
Ion Ratio Lower Upper
96 100
61 153.0 121.0 181.4
98 59.5 49.4 74.2

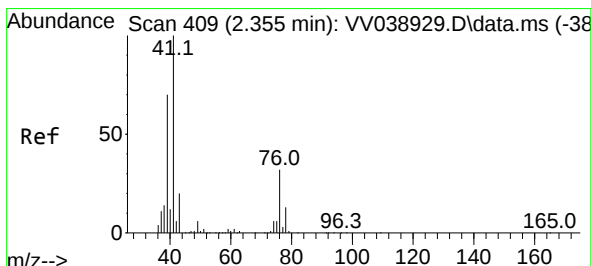
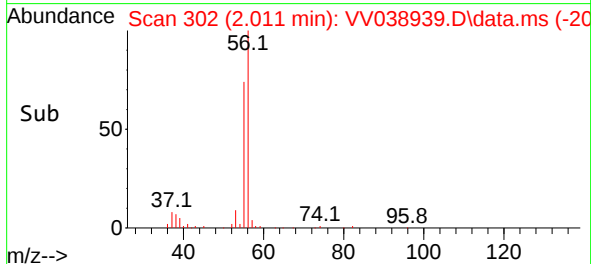
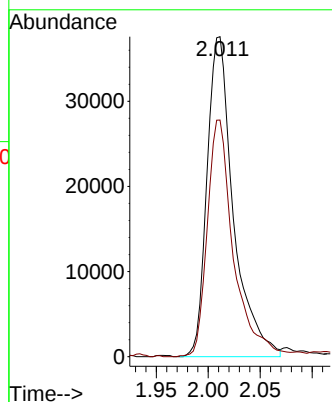
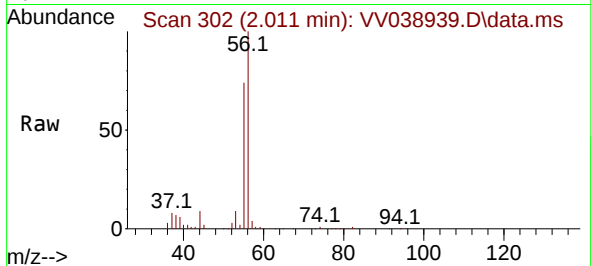




#13
Acrolein
Concen: 77.953 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

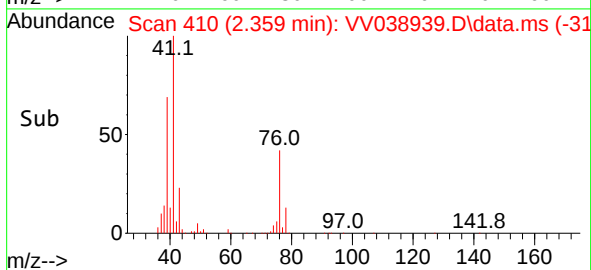
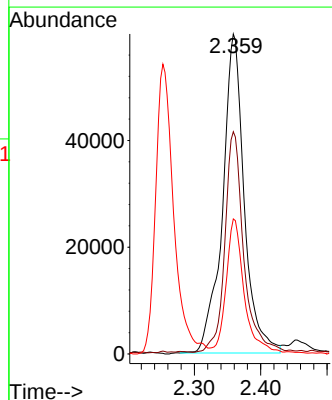
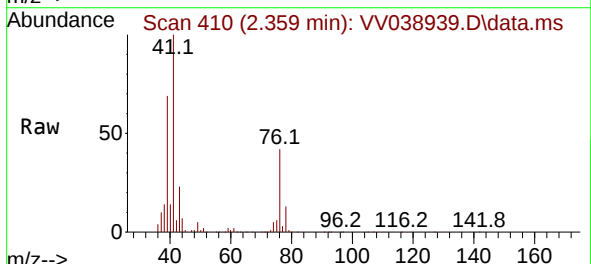
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

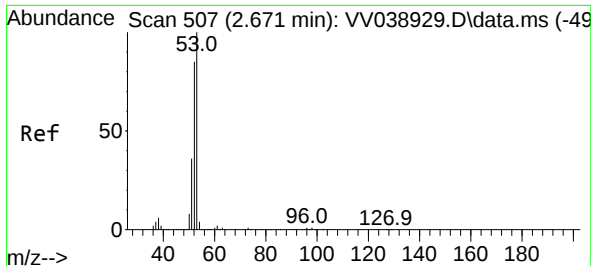
Tgt Ion: 56 Resp: 66220
Ion Ratio Lower Upper
56 100
55 73.6 55.1 82.7



#14
Allyl chloride
Concen: 20.705 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 41 Resp: 135889
Ion Ratio Lower Upper
41 100
39 59.9 49.9 74.9
76 34.2 29.7 44.5

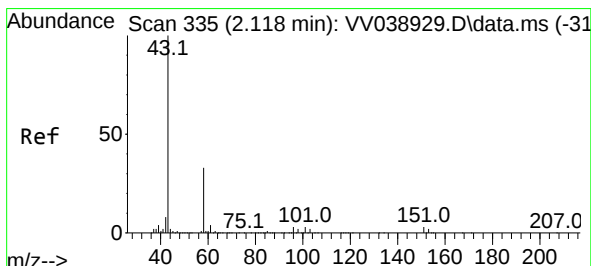
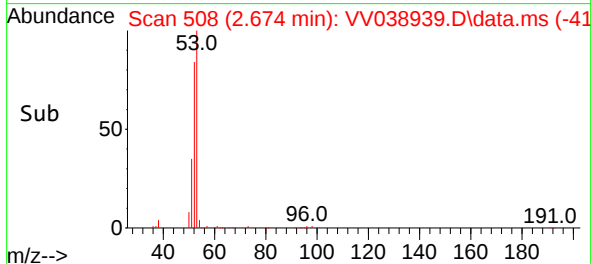
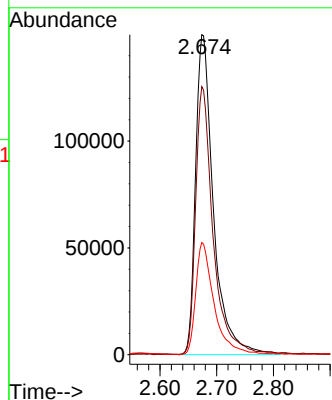
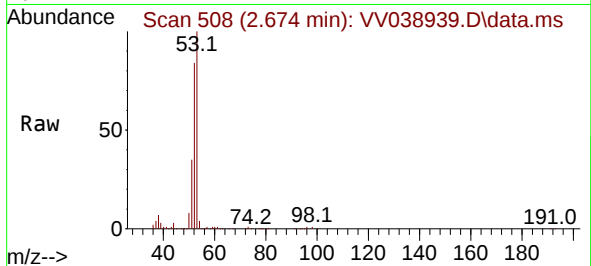




#15
Acrylonitrile
Concen: 112.956 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

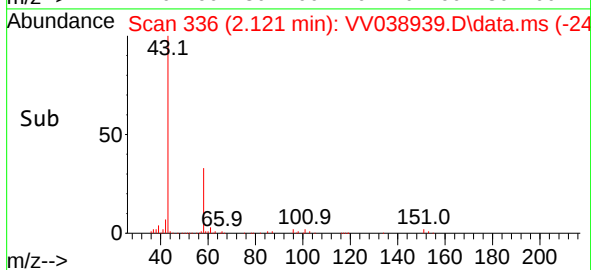
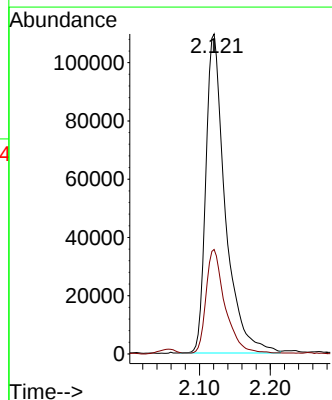
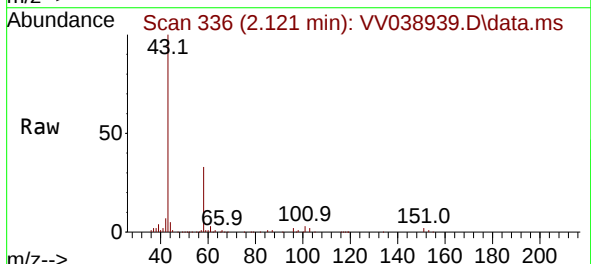
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

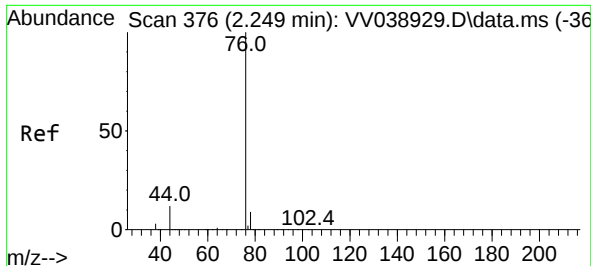
Tgt Ion: 53 Resp: 329151
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 35.6 28.6 43.0



#16
Acetone
Concen: 89.052 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 43 Resp: 208617
Ion Ratio Lower Upper
43 100
58 32.4 26.8 40.2

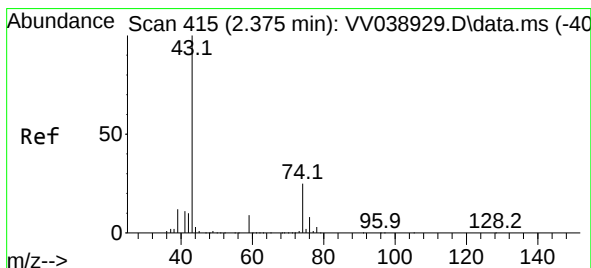
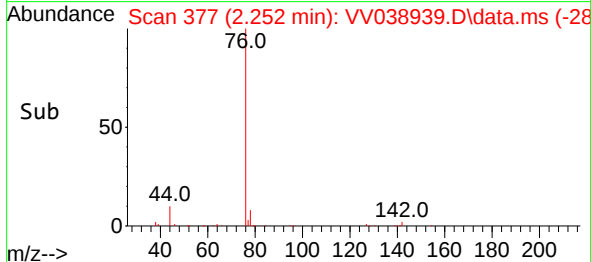
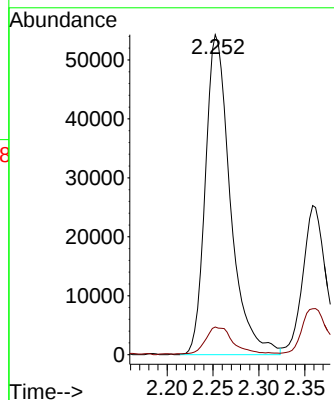
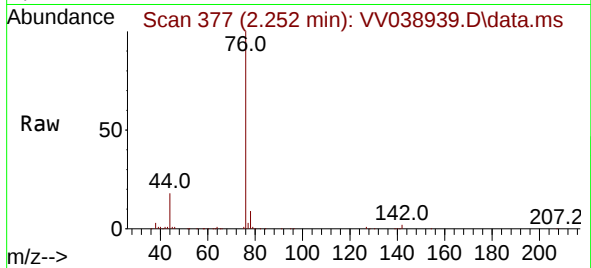




#17
Carbon Disulfide
Concen: 17.011 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

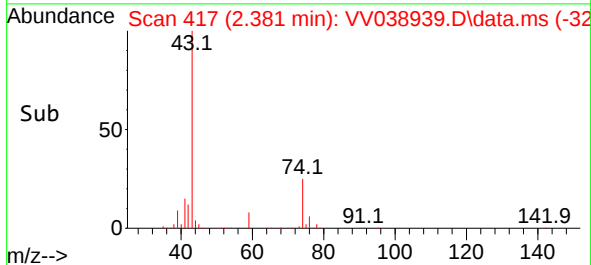
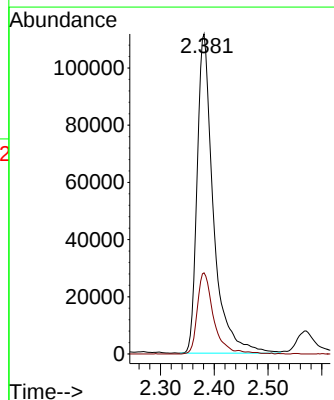
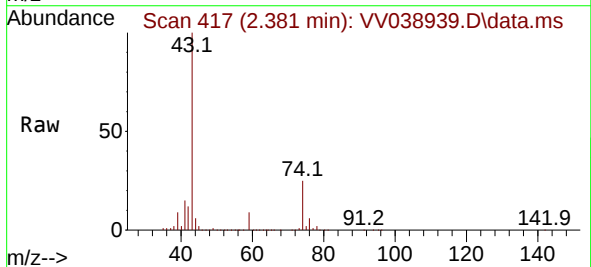
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

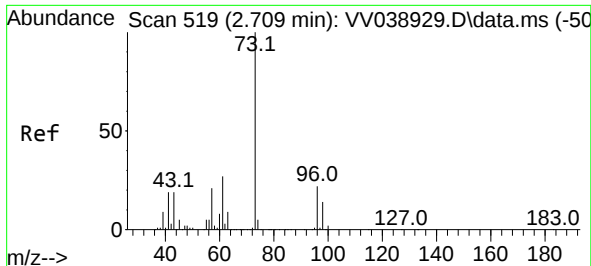
Tgt Ion: 76 Resp: 103093
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 27.867 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 43 Resp: 234079
Ion Ratio Lower Upper
43 100
74 24.8 20.6 30.8

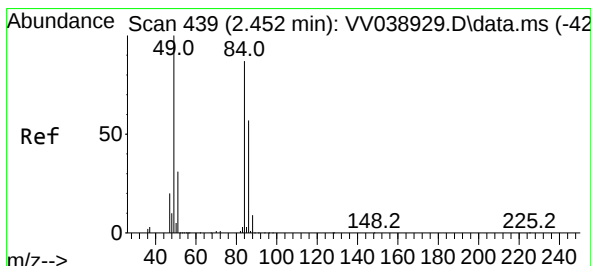
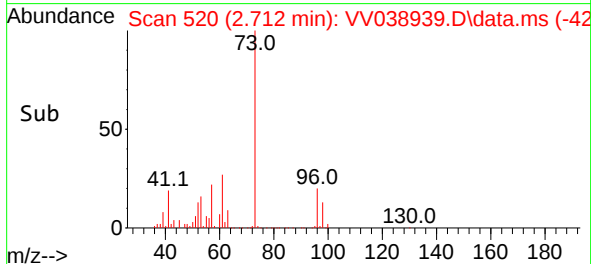
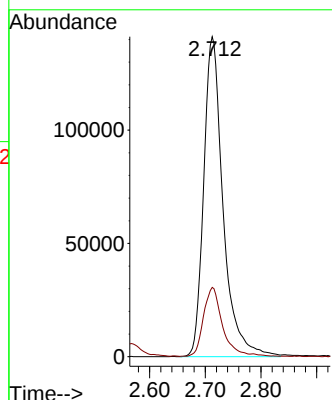
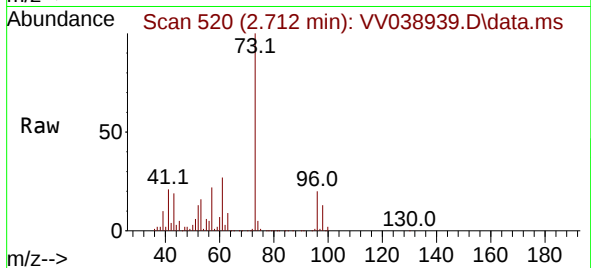




#19
Methyl tert-butyl Ether
Concen: 22.126 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

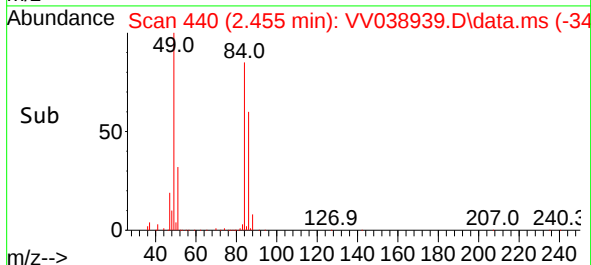
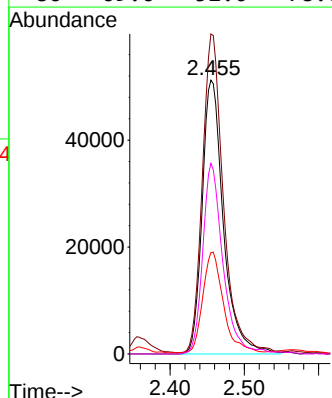
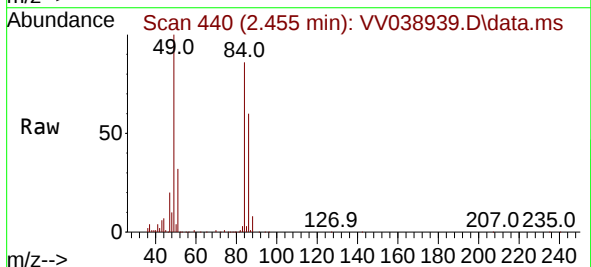
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

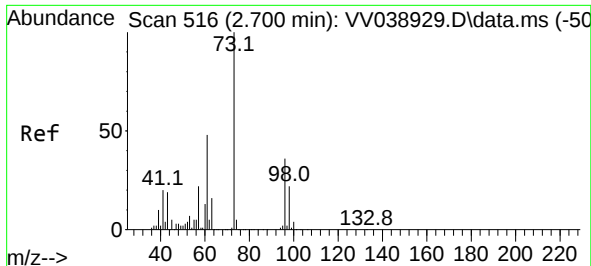
Tgt Ion: 73 Resp: 341675
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6



#20
Methylene Chloride
Concen: 18.913 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 84 Resp: 101952
Ion Ratio Lower Upper
84 100
49 116.4 91.7 137.5
51 36.5 28.3 42.5
86 69.6 52.0 78.0

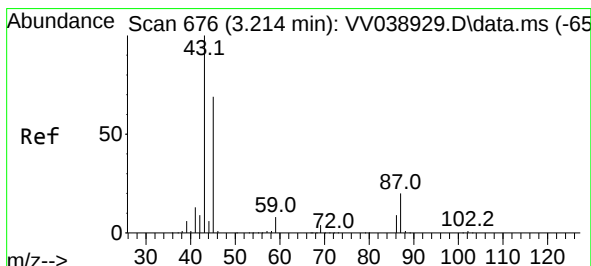
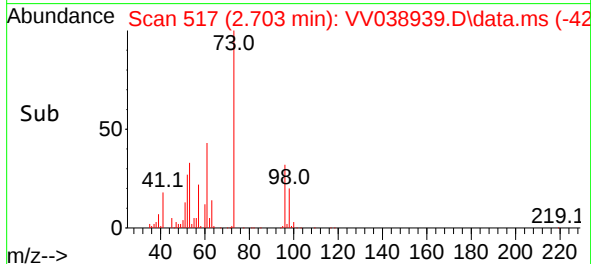
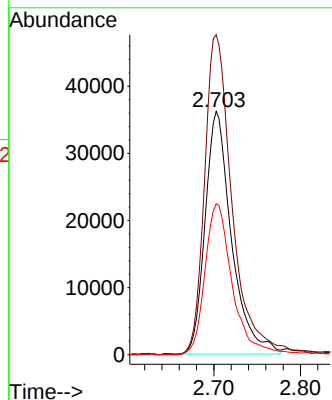
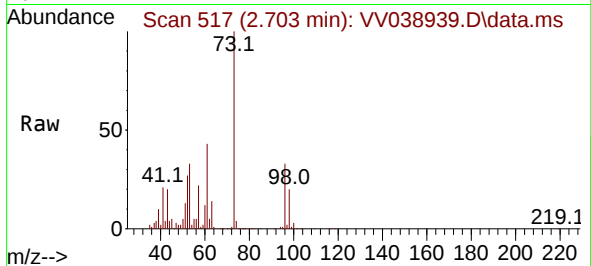




#21
trans-1,2-Dichloroethene
Concen: 18.780 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

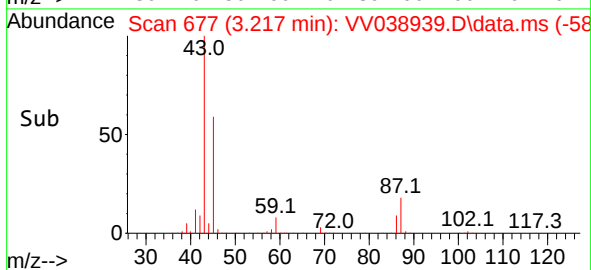
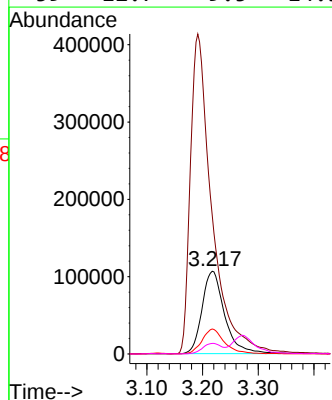
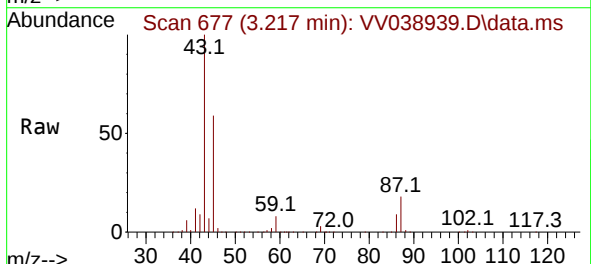
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

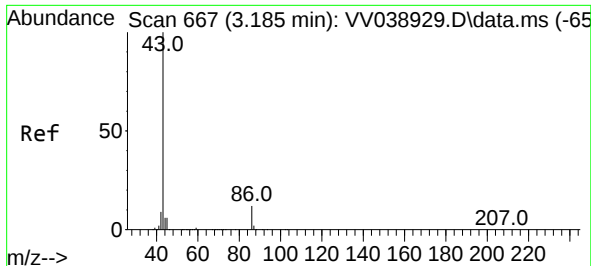
Tgt Ion: 96 Resp: 76609
Ion Ratio Lower Upper
96 100
61 131.6 106.2 159.4
98 62.2 49.8 74.8



#22
Diisopropyl ether
Concen: 22.606 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 45 Resp: 300021
Ion Ratio Lower Upper
45 100
43 166.4 115.3 172.9
87 30.1 23.8 35.6
59 12.7 9.5 14.3

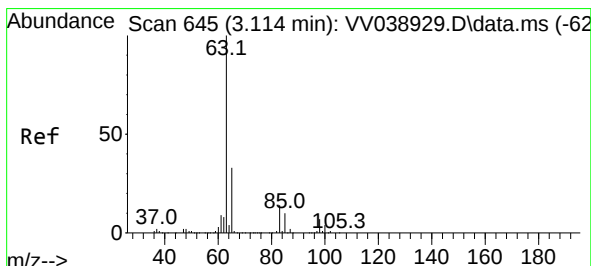
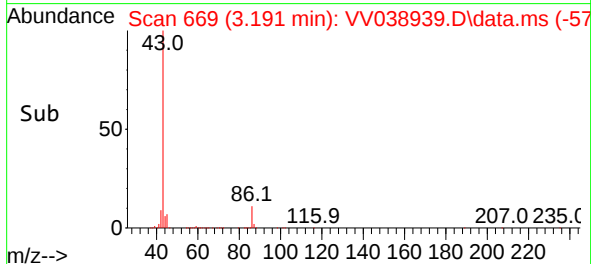
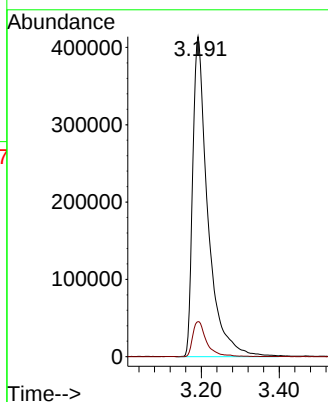
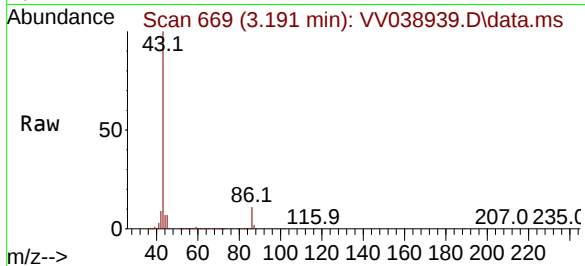




#23
 Vinyl Acetate
 Concen: 113.479 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.006 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

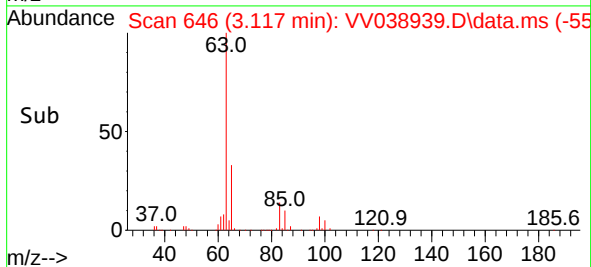
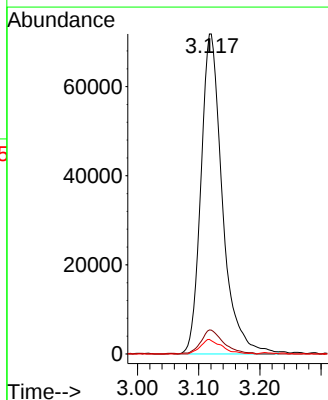
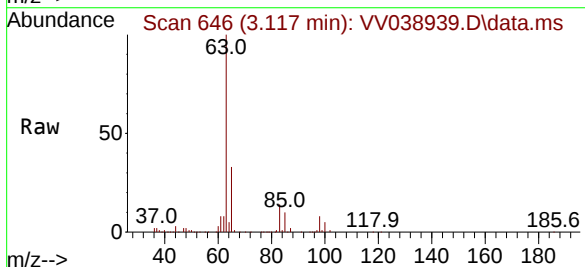
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

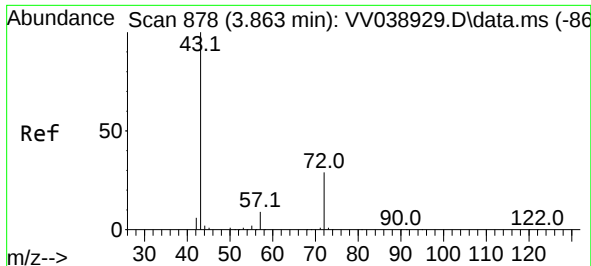
Tgt Ion: 43 Resp: 1118798
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 20.595 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Tgt Ion: 63 Resp: 175300
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.2 6.6

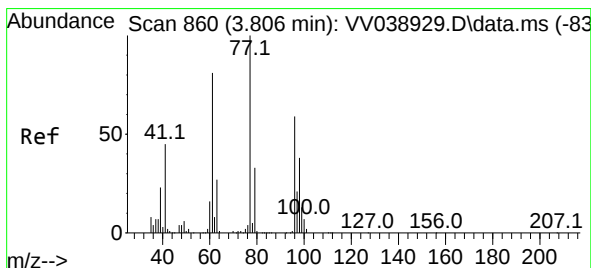
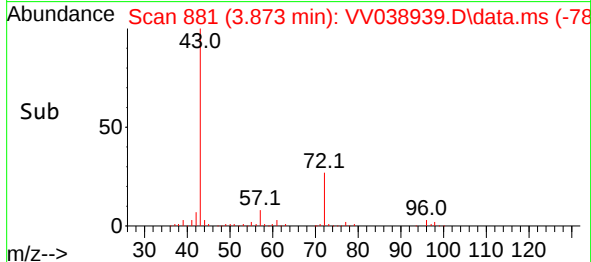
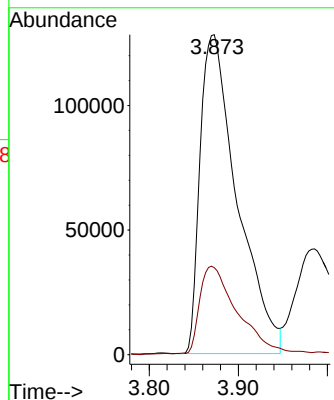
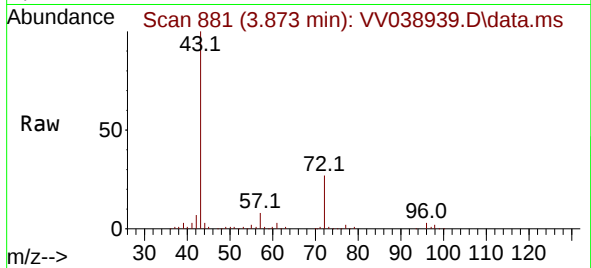




#25
2-Butanone
Concen: 124.826 ug/l
RT: 3.873 min Scan# 881
Delta R.T. 0.010 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

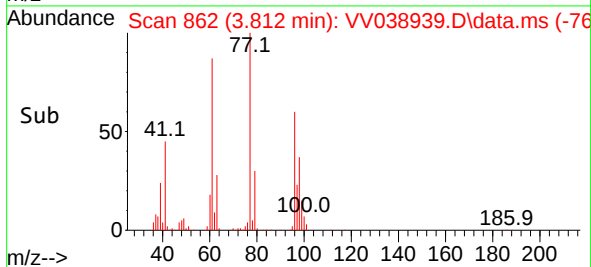
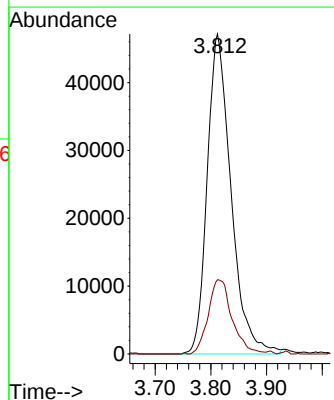
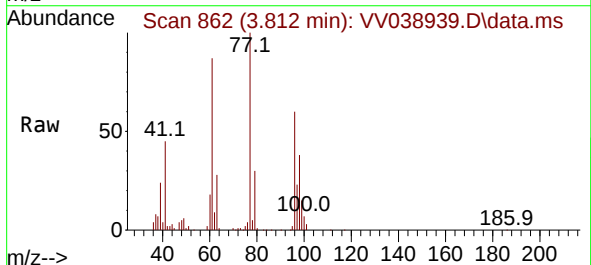
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

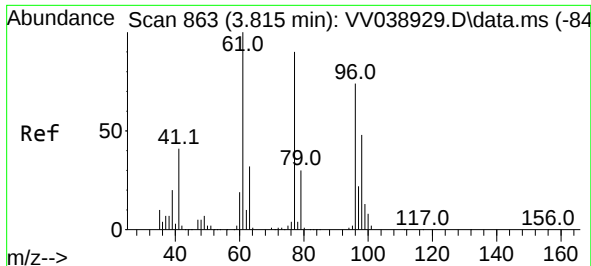
Tgt Ion: 43 Resp: 371025
Ion Ratio Lower Upper
43 100
72 26.9 23.5 35.3



#26
2,2-Dichloropropane
Concen: 18.541 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 77 Resp: 139834
Ion Ratio Lower Upper
77 100
97 23.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 20.675 ug/l

RT: 3.822 min Scan# 863

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

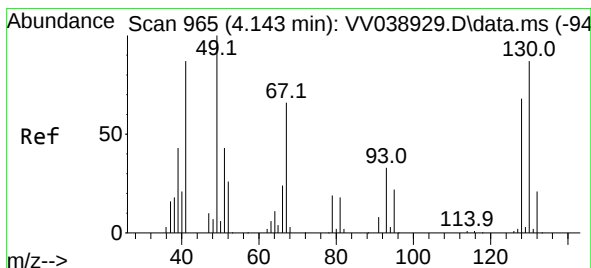
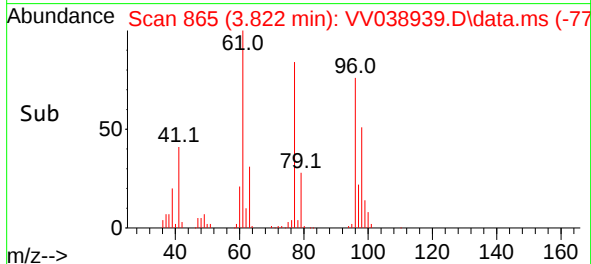
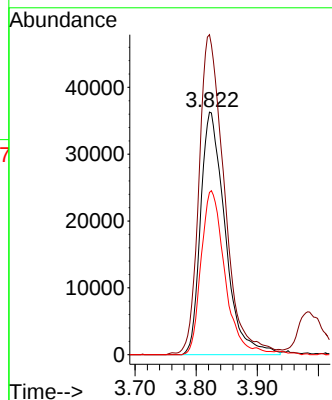
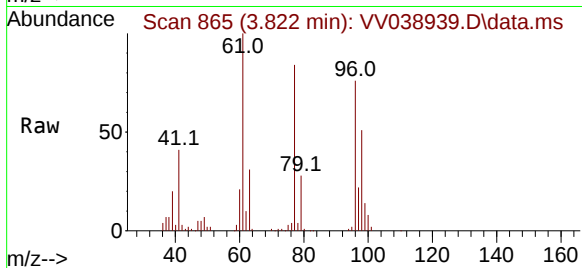
Tgt Ion: 96 Resp: 101129

Ion Ratio Lower Upper

96 100

61 136.9 0.0 270.4

98 64.2 0.0 128.0



#28

Bromochloromethane

Concen: 19.508 ug/l

RT: 4.149 min Scan# 967

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

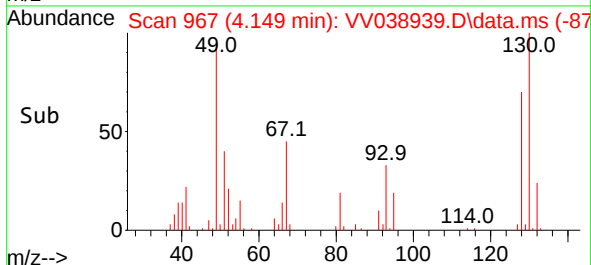
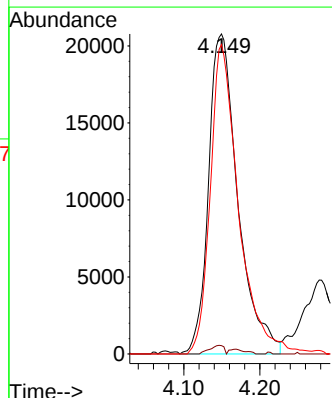
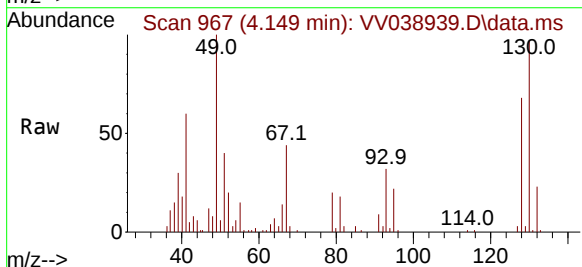
Tgt Ion: 49 Resp: 55778

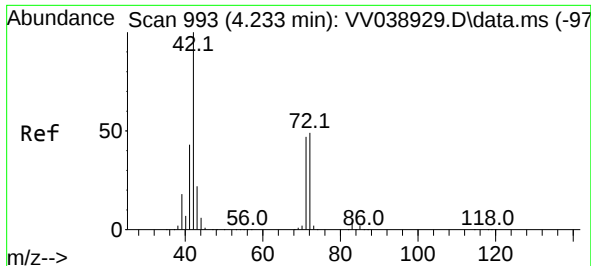
Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.4

130 93.2 70.9 106.3





#29

Tetrahydrofuran

Concen: 120.127 ug/l

RT: 4.239 min Scan# 993

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

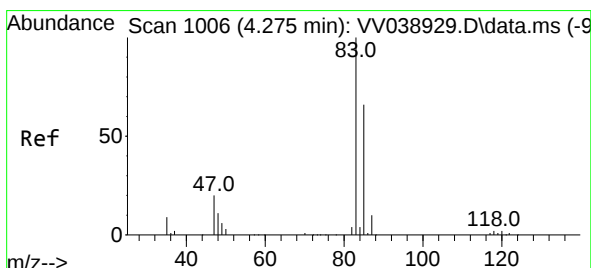
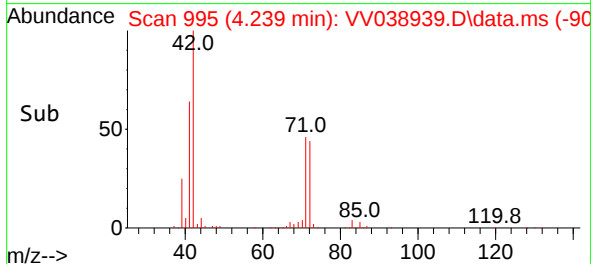
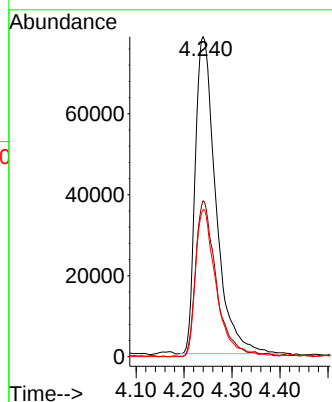
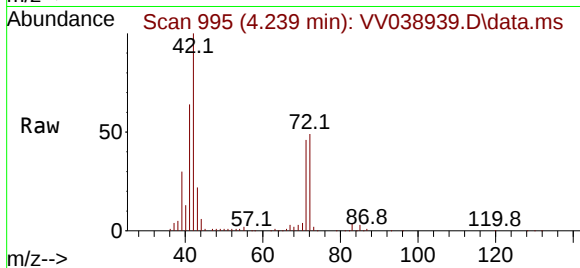
Tgt Ion: 42 Resp: 233774

Ion Ratio Lower Upper

42 100

72 48.3 39.9 59.9

71 46.1 37.4 56.0



#30

Chloroform

Concen: 21.139 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV038939.D

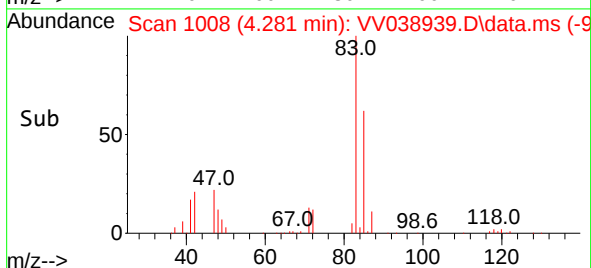
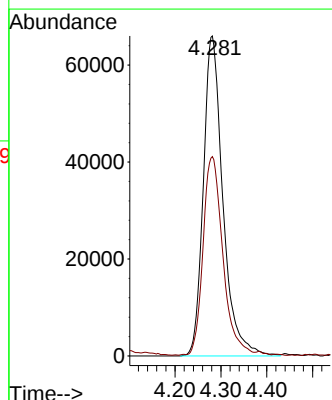
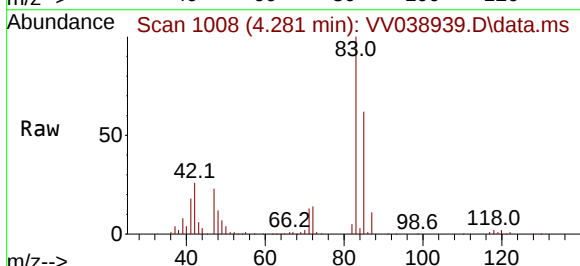
Acq: 11 Aug 2025 11:54

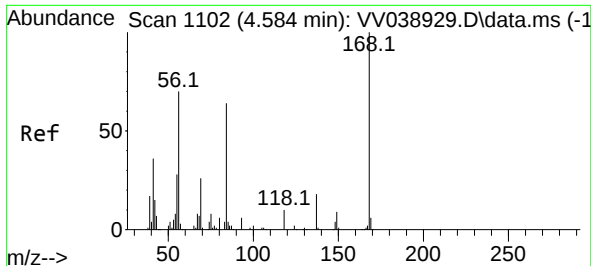
Tgt Ion: 83 Resp: 195778

Ion Ratio Lower Upper

83 100

85 62.0 53.0 79.6

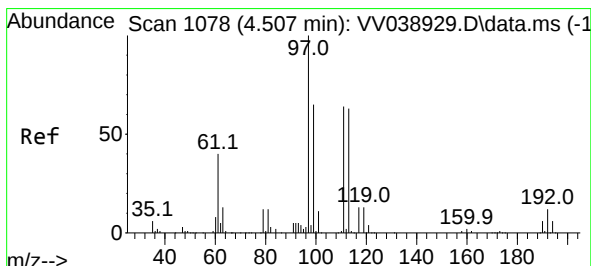
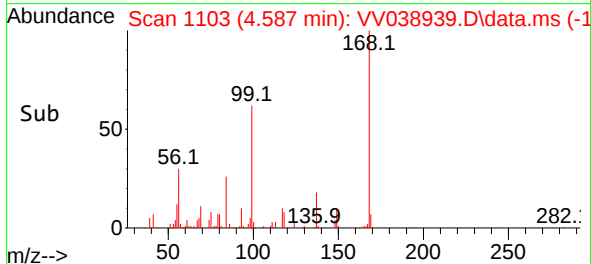
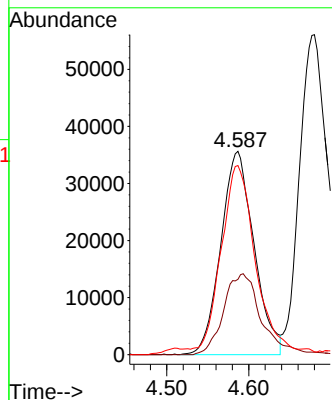
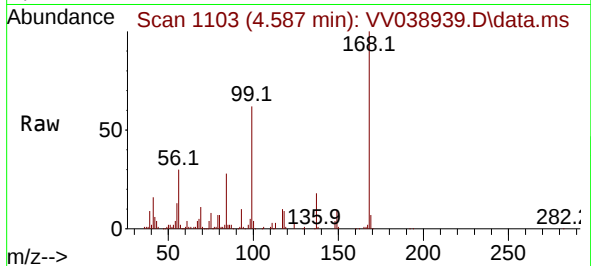




#31
Cyclohexane
Concen: 19.158 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

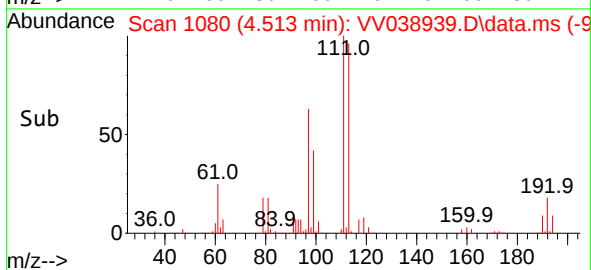
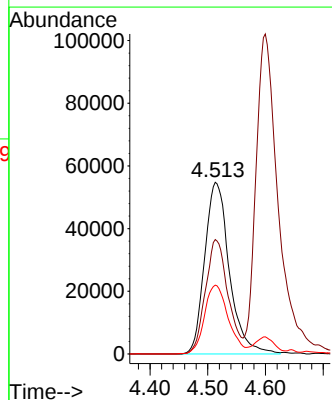
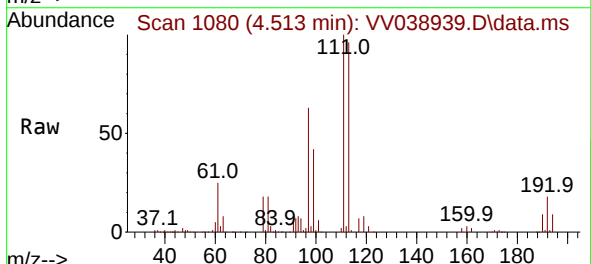
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

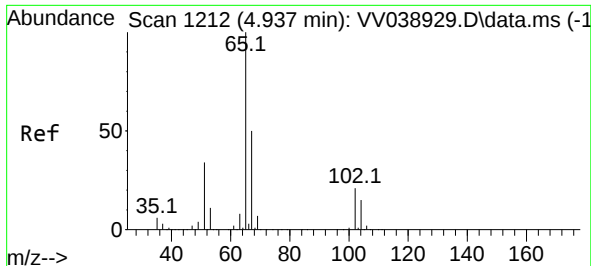
Tgt Ion: 56 Resp: 100444
Ion Ratio Lower Upper
56 100
69 37.1 30.2 45.2
84 90.2 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 20.421 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 97 Resp: 162663
Ion Ratio Lower Upper
97 100
99 61.0 49.8 74.6
61 38.7 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 54.081 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

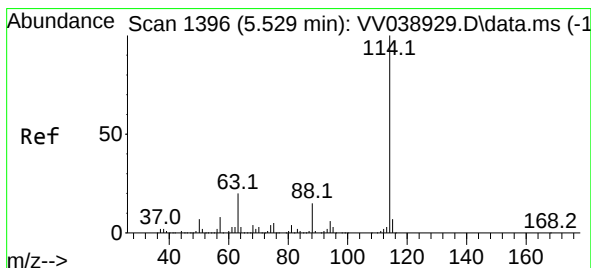
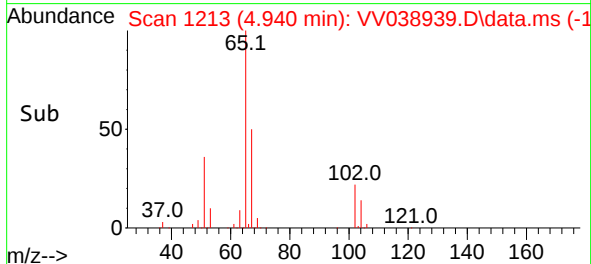
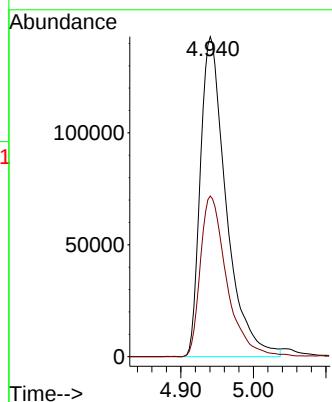
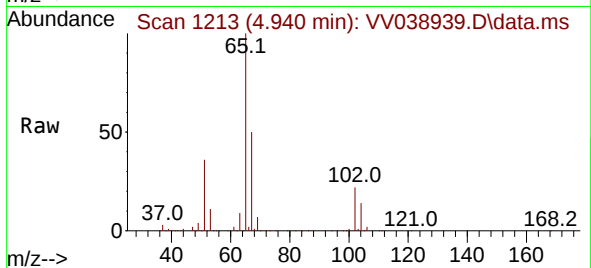
VV0811WBSD01

Tgt Ion: 65 Resp: 352941

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

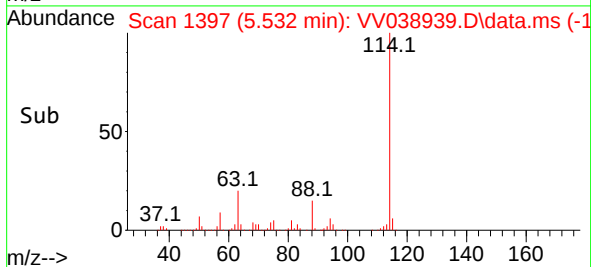
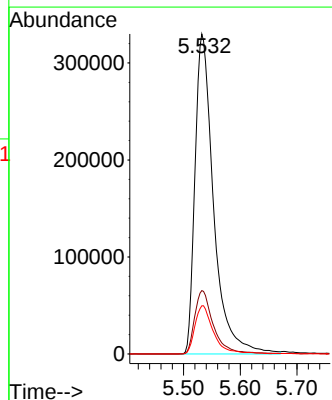
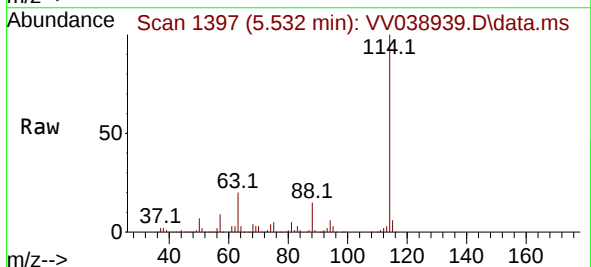
Tgt Ion: 114 Resp: 751492

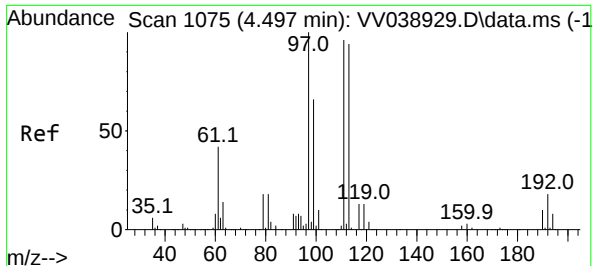
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.461 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

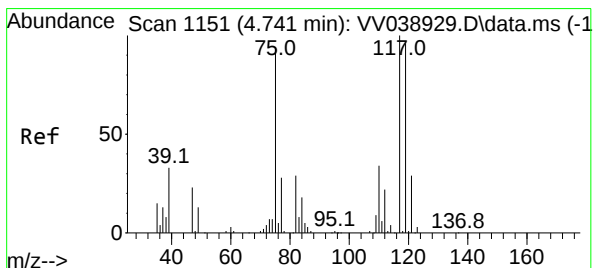
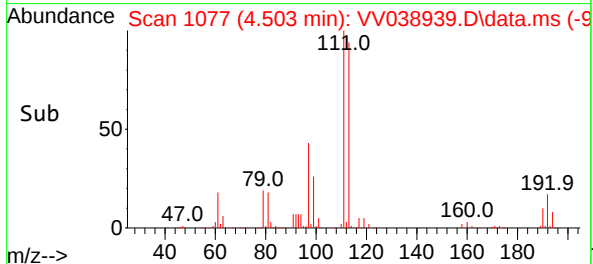
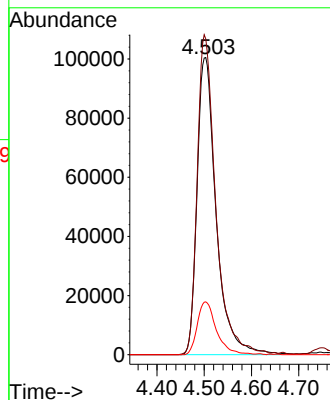
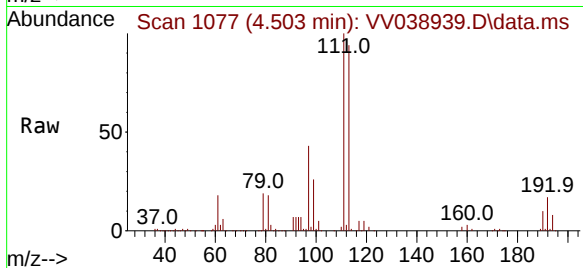
Tgt Ion:113 Resp: 281983

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 17.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 18.351 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

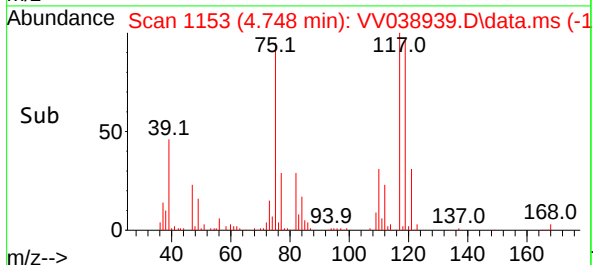
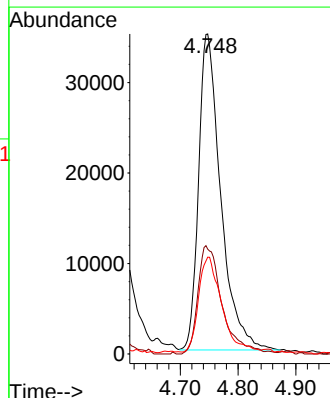
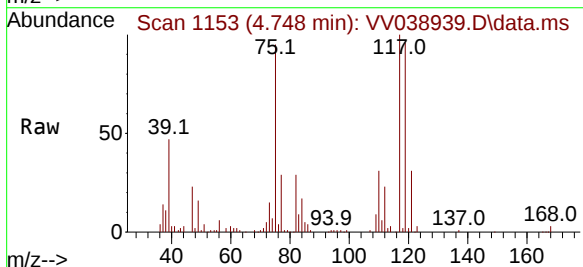
Tgt Ion: 75 Resp: 93020

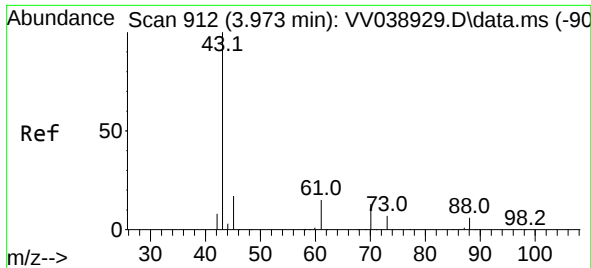
Ion Ratio Lower Upper

75 100

110 37.2 19.5 58.5

77 31.1 25.0 37.6

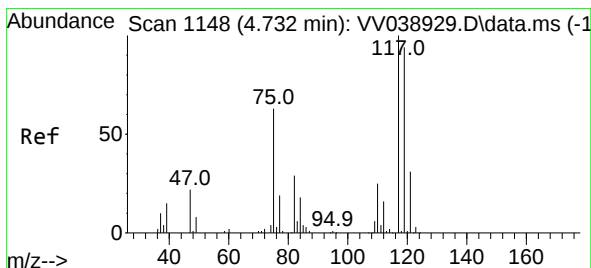
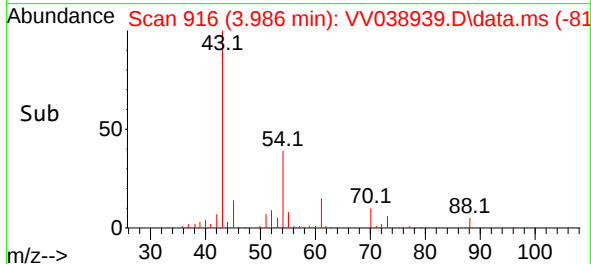
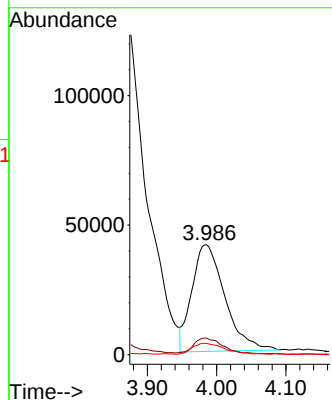
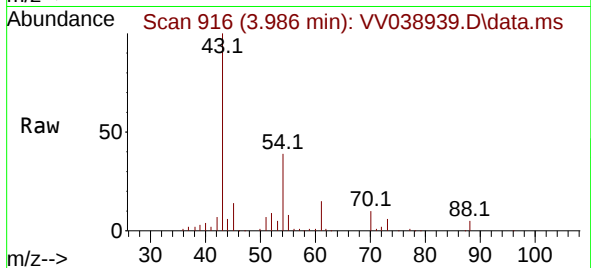




#37
Ethyl Acetate
Concen: 20.266 ug/l
RT: 3.986 min Scan# 916
Delta R.T. 0.013 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

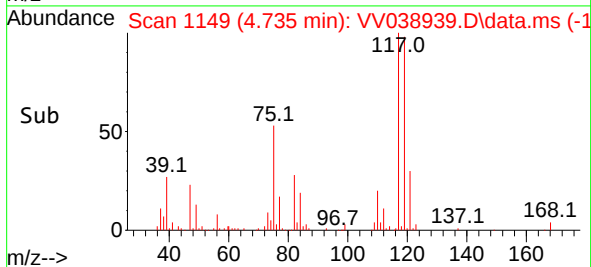
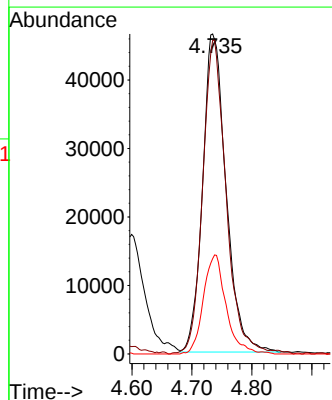
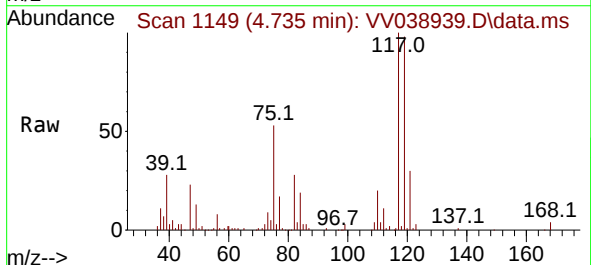
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

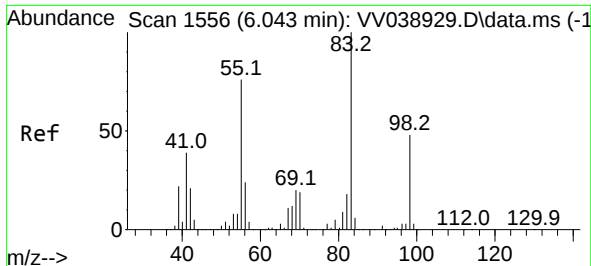
Tgt Ion: 43 Resp: 136099
Ion Ratio Lower Upper
43 100
61 13.1 12.0 18.0
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.876 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 117 Resp: 126379
Ion Ratio Lower Upper
117 100
119 97.9 74.9 112.3
121 30.0 24.6 36.8





#39

Methylcyclohexane

Concen: 17.928 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

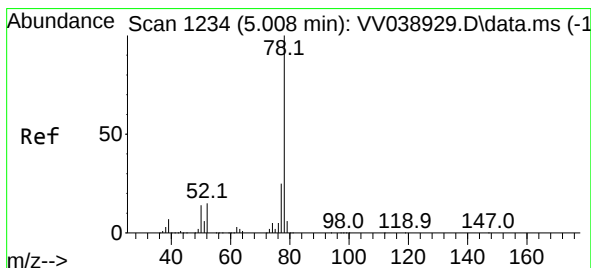
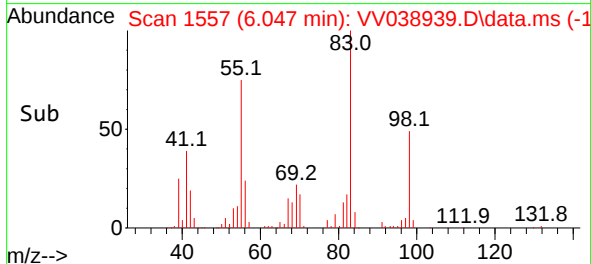
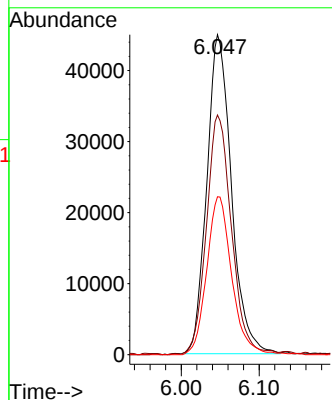
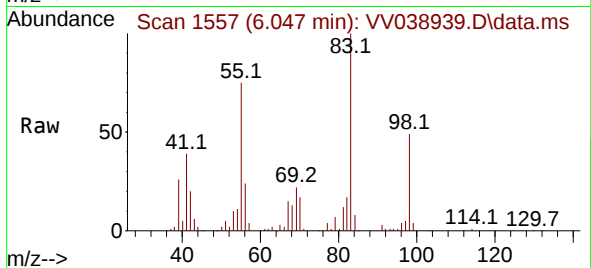
Tgt Ion: 83 Resp: 98631

Ion Ratio Lower Upper

83 100

55 74.9 60.8 91.2

98 49.5 38.6 57.8



#40

Benzene

Concen: 20.475 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038939.D

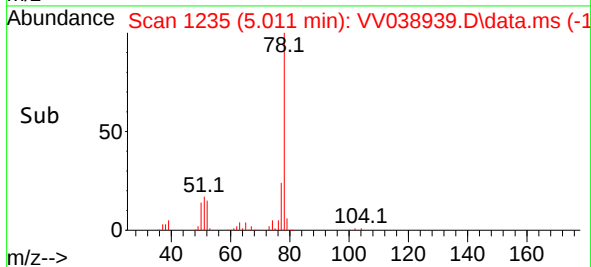
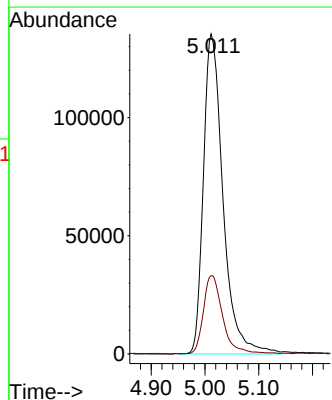
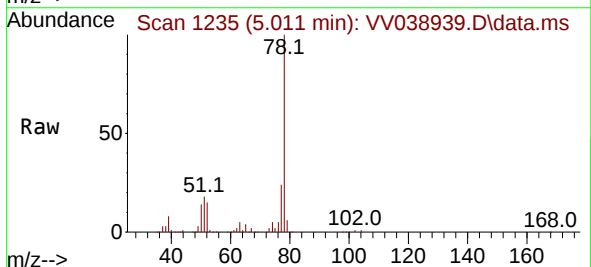
Acq: 11 Aug 2025 11:54

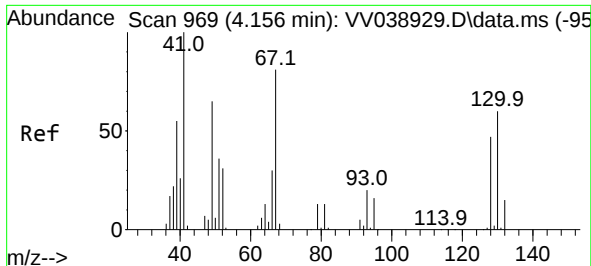
Tgt Ion: 78 Resp: 343173

Ion Ratio Lower Upper

78 100

77 24.4 19.6 29.4

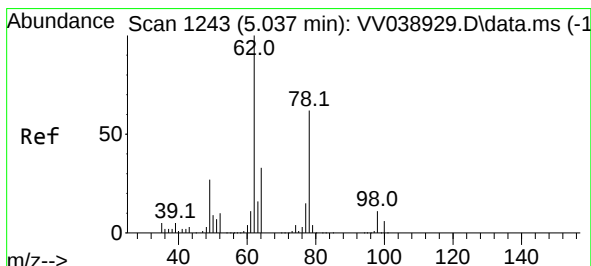
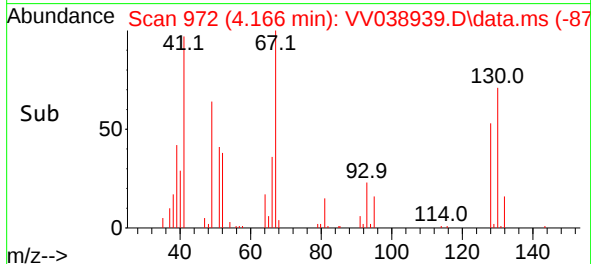
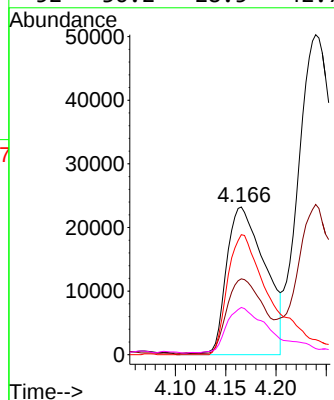
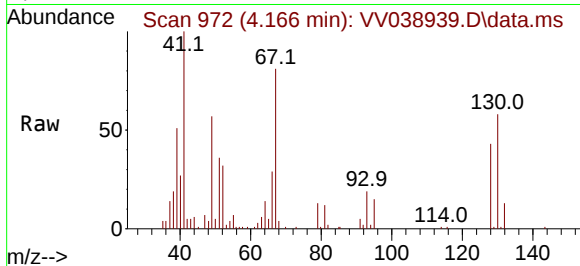




#41
Methacrylonitrile
Concen: 22.714 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

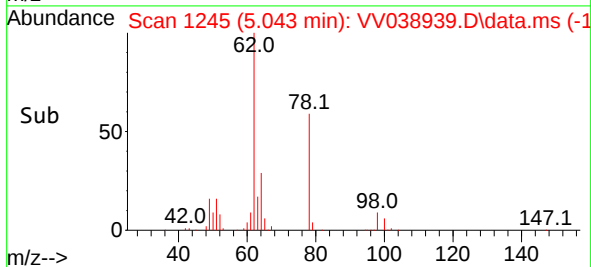
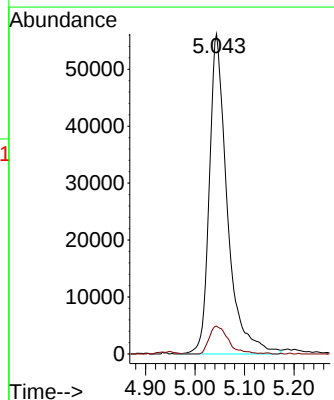
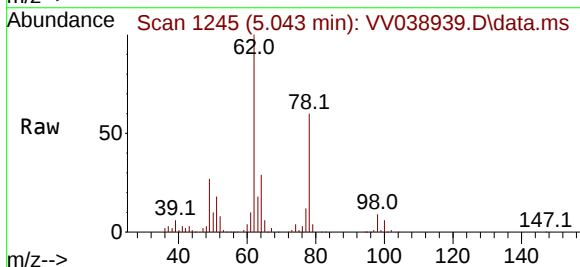
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

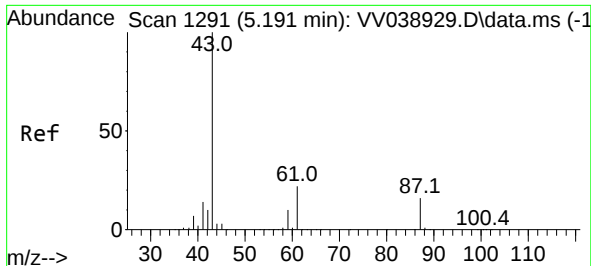
Tgt Ion:	41	Resp:	61688
Ion	Ratio	Lower	Upper
41	100		
39	46.9	41.8	62.6
67	95.3	72.6	109.0
52	36.2	28.5	42.7



#42
1,2-Dichloroethane
Concen: 21.761 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion:	62	Resp:	141416
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.6

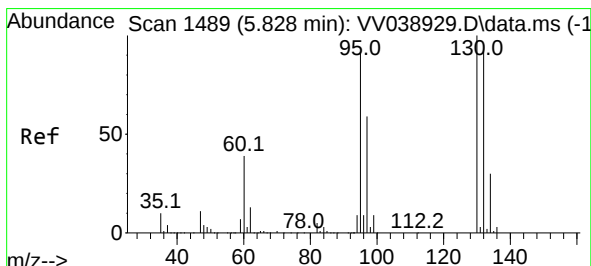
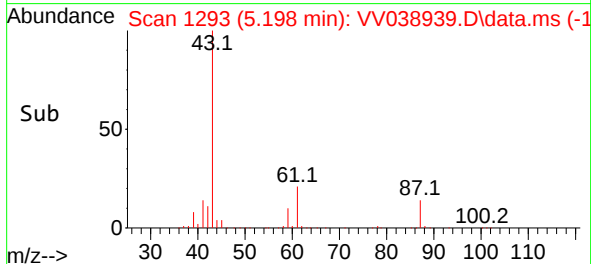
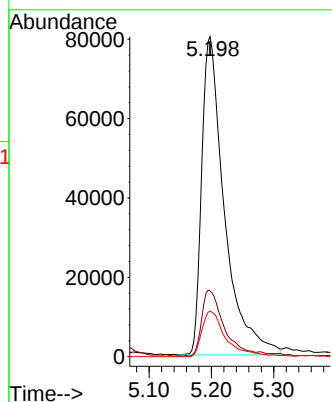
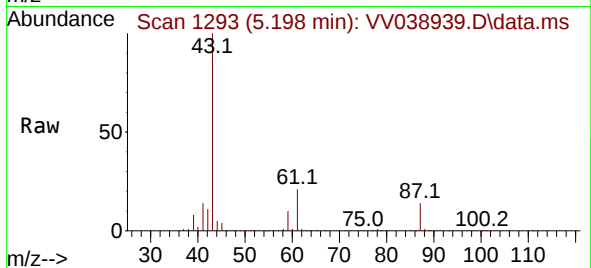




#43
Isopropyl Acetate
Concen: 21.832 ug/l
RT: 5.198 min Scan# 1293
Delta R.T. 0.007 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

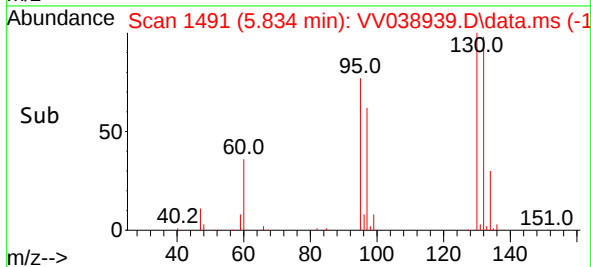
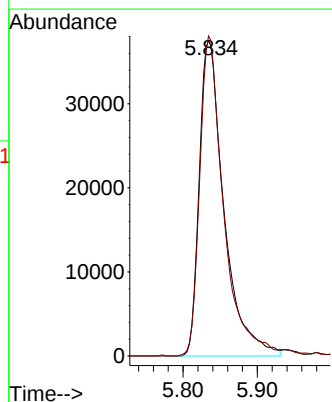
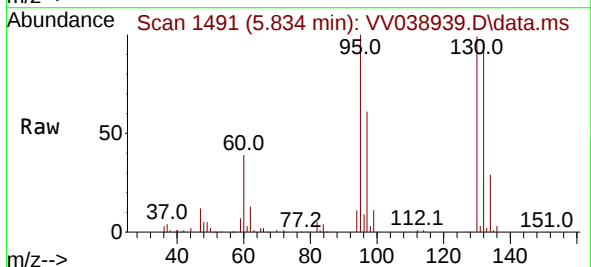
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

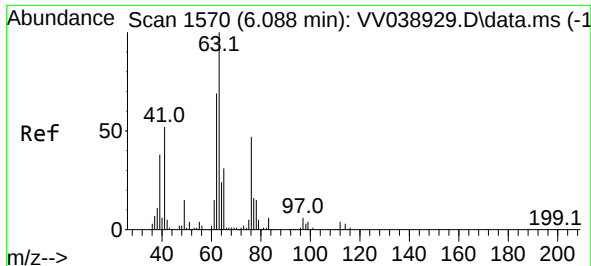
Tgt Ion: 43 Resp: 203696
Ion Ratio Lower Upper
43 100
61 19.8 17.0 25.6
87 14.8 12.2 18.4



#44
Trichloroethene
Concen: 19.421 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion:130 Resp: 86749
Ion Ratio Lower Upper
130 100
95 101.2 0.0 181.2





#45

1,2-Dichloropropane

Concen: 20.136 ug/l

RT: 6.095 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

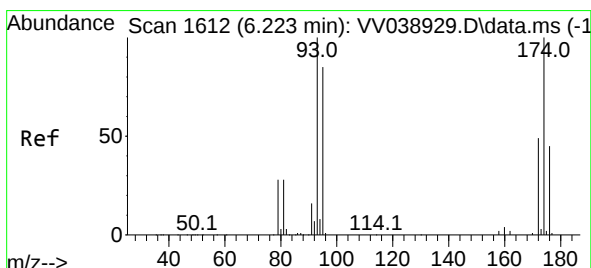
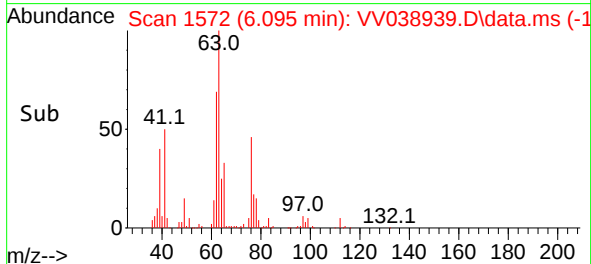
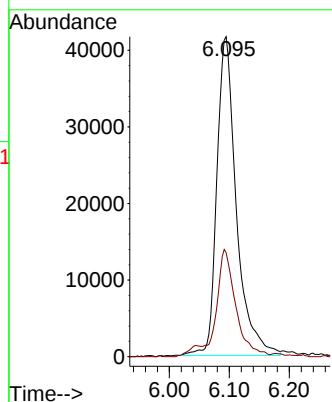
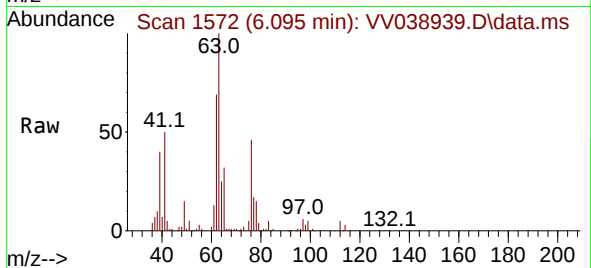
VV0811WBSD01

Tgt Ion: 63 Resp: 94054

Ion Ratio Lower Upper

63 100

65 32.2 25.0 37.6



#46

Dibromomethane

Concen: 21.749 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

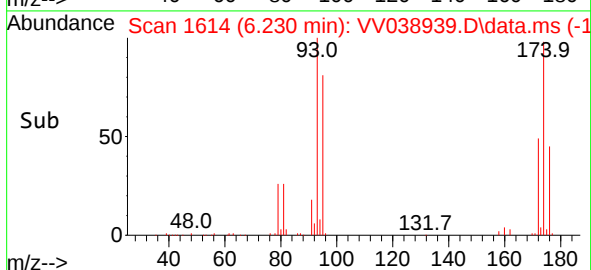
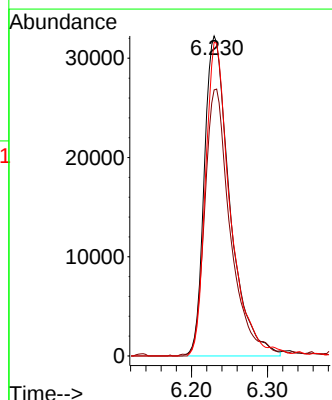
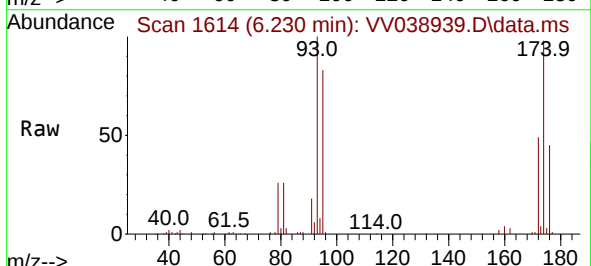
Tgt Ion: 93 Resp: 75202

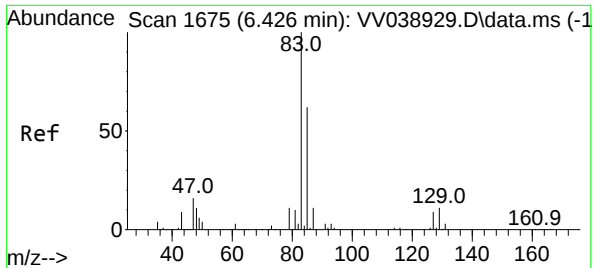
Ion Ratio Lower Upper

93 100

95 83.2 67.8 101.6

174 93.8 77.4 116.0

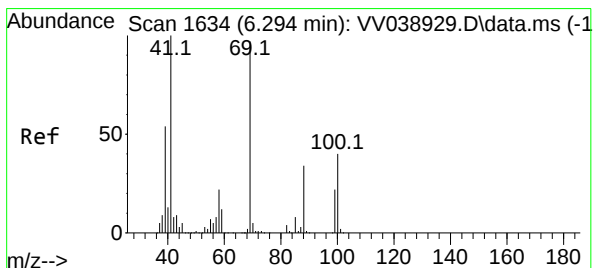
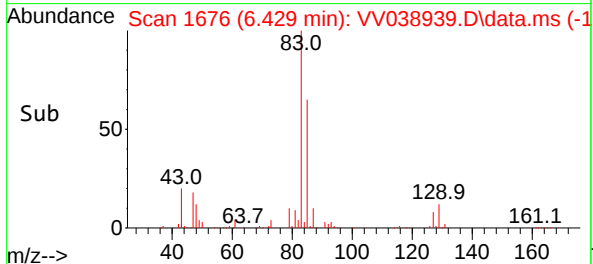
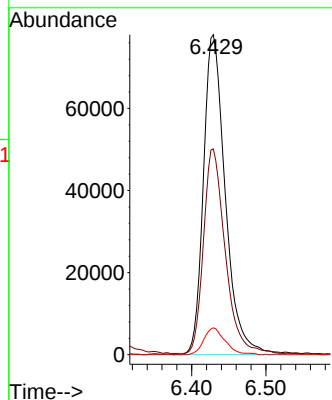
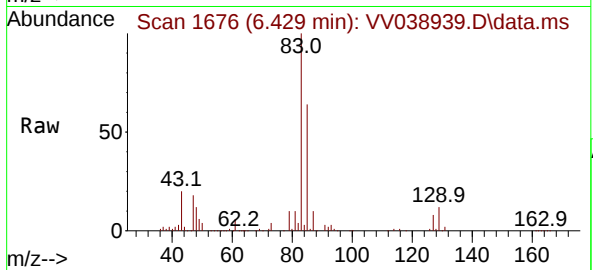




#47
Bromodichloromethane
Concen: 20.759 ug/l
RT: 6.429 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

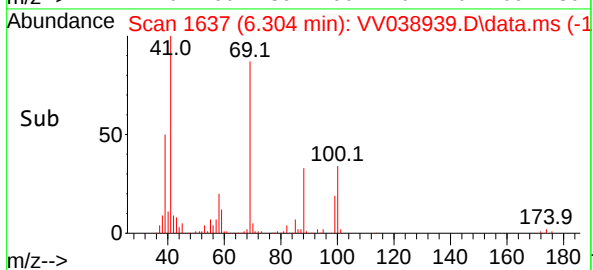
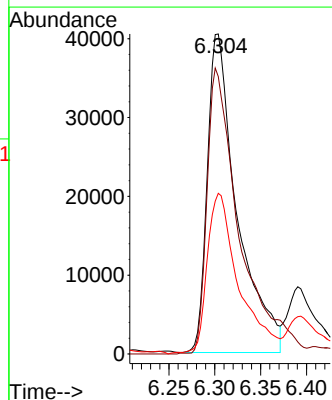
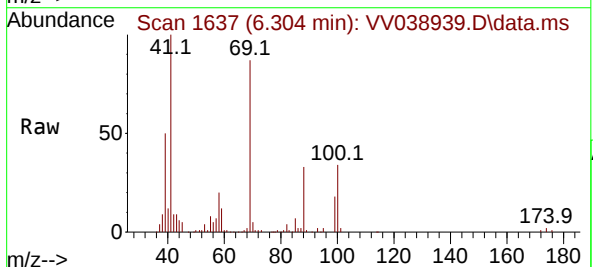
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

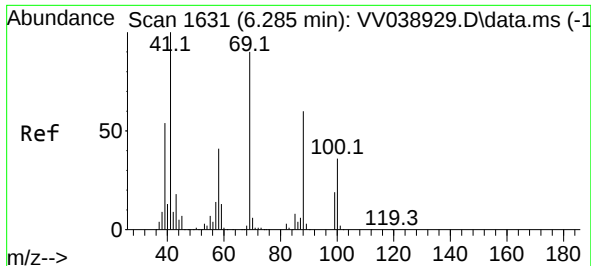
Tgt Ion: 83 Resp: 159476
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 22.162 ug/l
RT: 6.304 min Scan# 1637
Delta R.T. 0.010 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 41 Resp: 91559
Ion Ratio Lower Upper
41 100
69 97.2 78.4 117.6
39 53.5 43.3 64.9





#49

1,4-Dioxane

Concen: 430.760 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

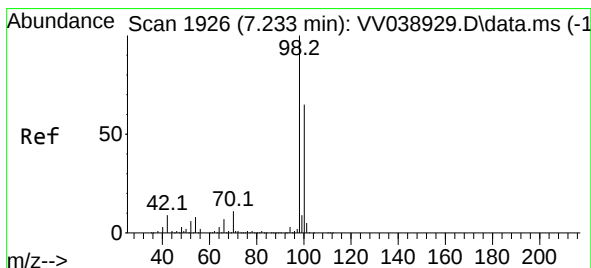
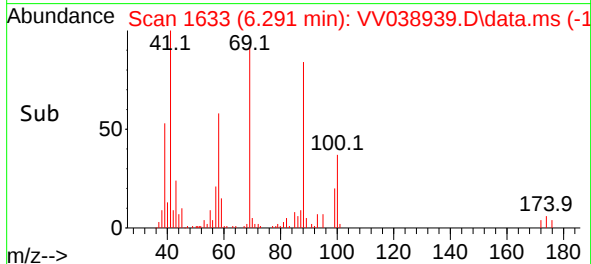
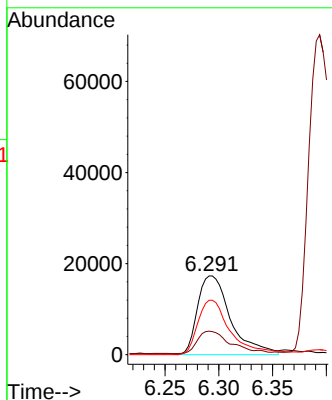
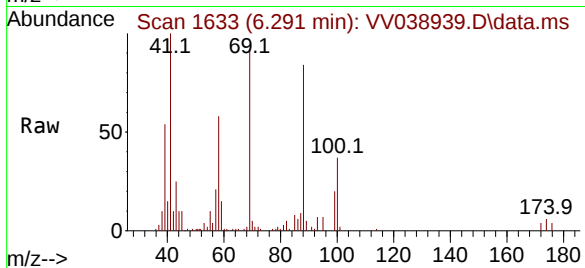
Tgt Ion: 88 Resp: 37092

Ion Ratio Lower Upper

88 100

43 29.1 24.2 36.2

58 69.2 55.4 83.2



#50

Toluene-d8

Concen: 49.911 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV038939.D

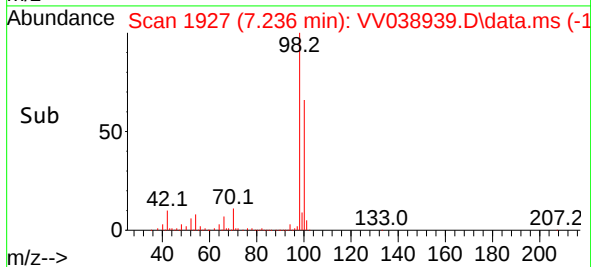
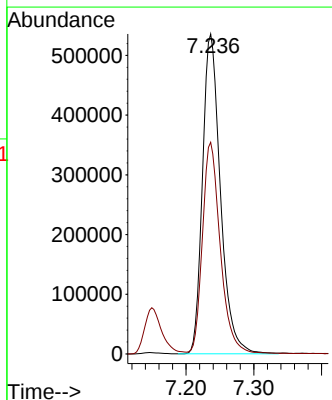
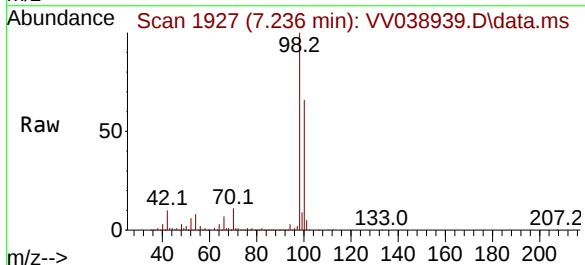
Acq: 11 Aug 2025 11:54

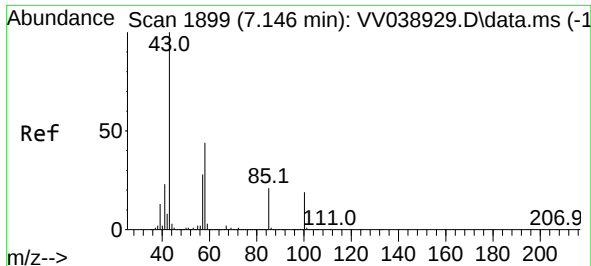
Tgt Ion: 98 Resp: 985498

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

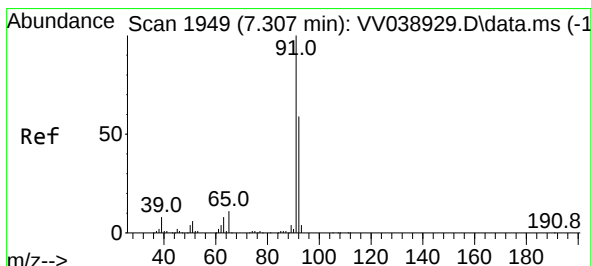
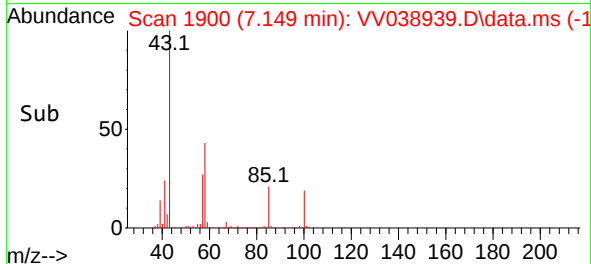
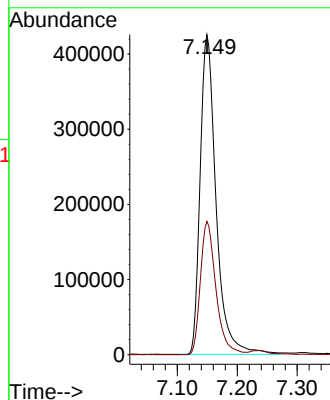
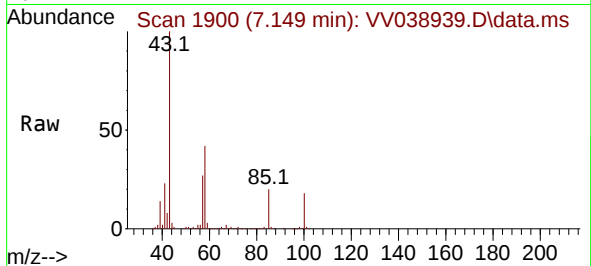




#51
 4-Methyl-2-Pentanone
 Concen: 121.889 ug/l
 RT: 7.149 min Scan# 1900
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

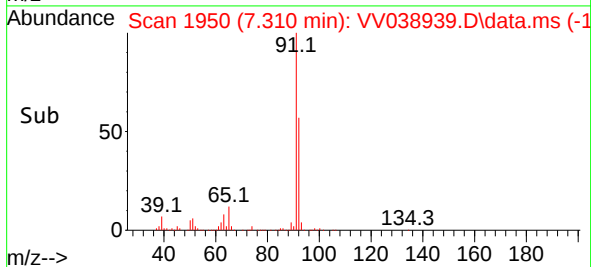
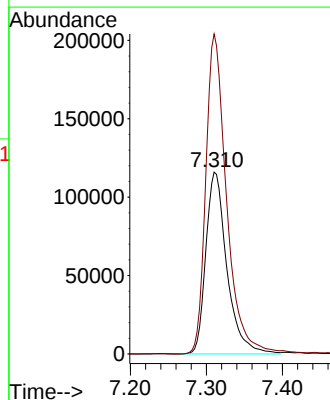
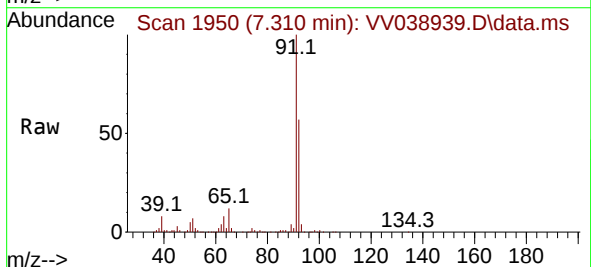
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

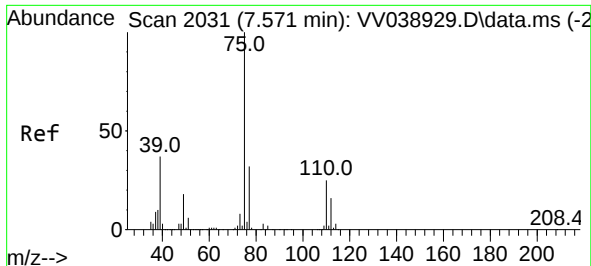
Tgt Ion: 43 Resp: 787746
 Ion Ratio Lower Upper
 43 100
 58 40.7 34.2 51.2



#52
 Toluene
 Concen: 21.148 ug/l
 RT: 7.310 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Tgt Ion: 92 Resp: 223329
 Ion Ratio Lower Upper
 92 100
 91 174.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 21.457 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

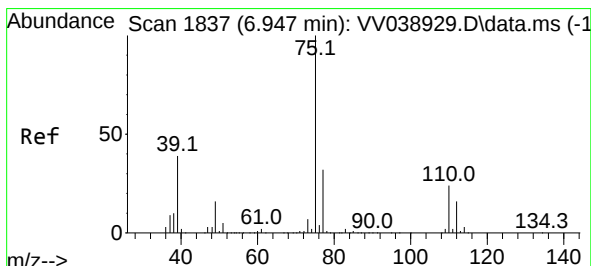
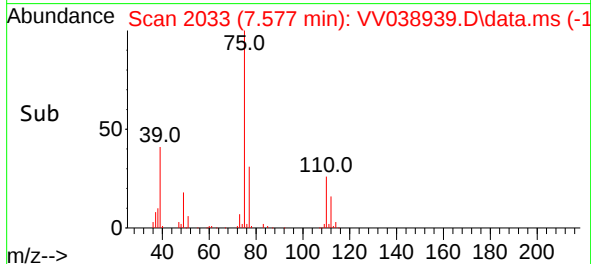
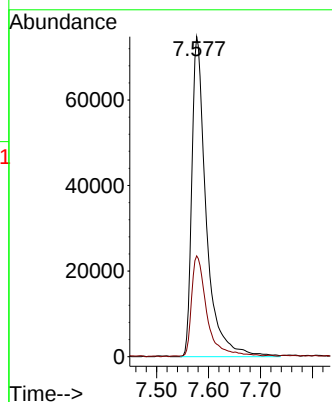
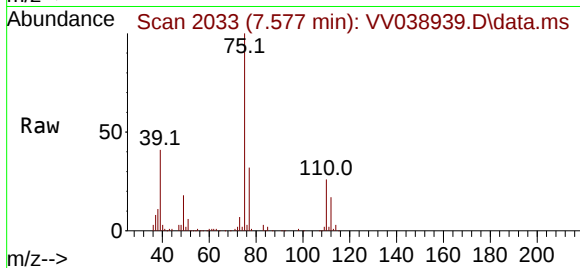
VV0811WBSD01

Tgt Ion: 75 Resp: 144200

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.913 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

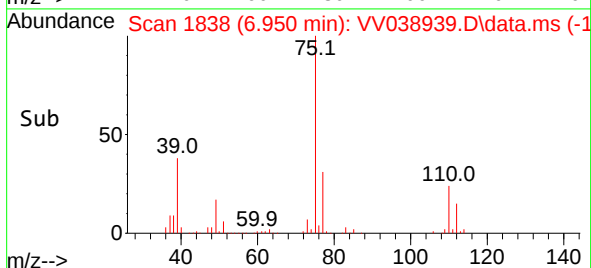
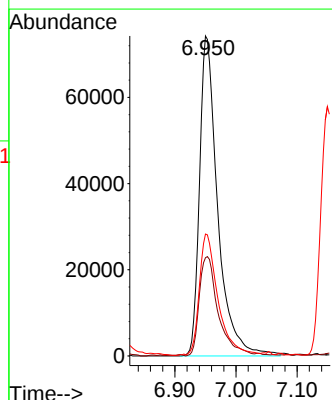
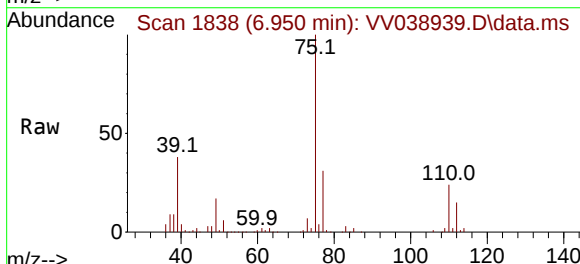
Tgt Ion: 75 Resp: 153440

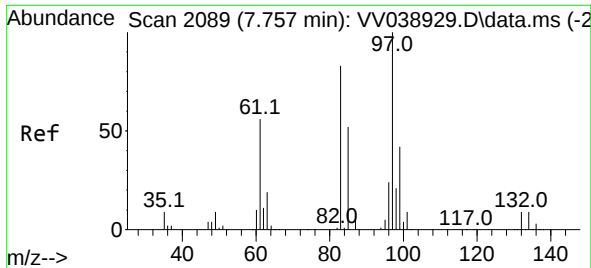
Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8

39 37.8 31.6 47.4



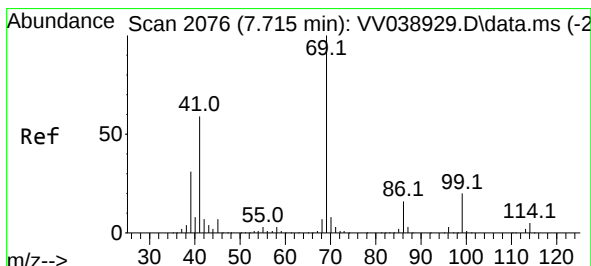
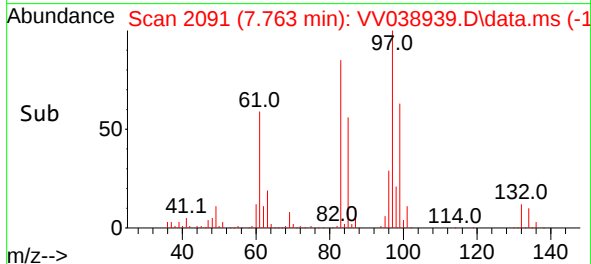
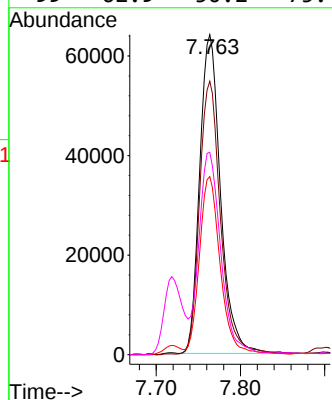
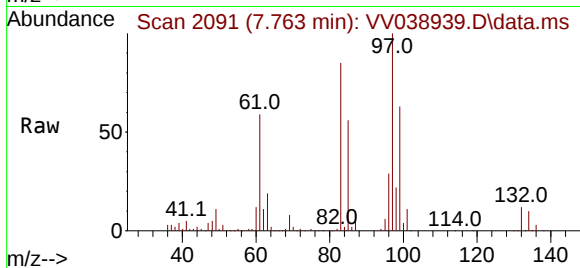


#55
 1,1,2-Trichloroethane
 Concen: 21.360 ug/l
 RT: 7.763 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

Tgt Ion: 97 Resp: 110379

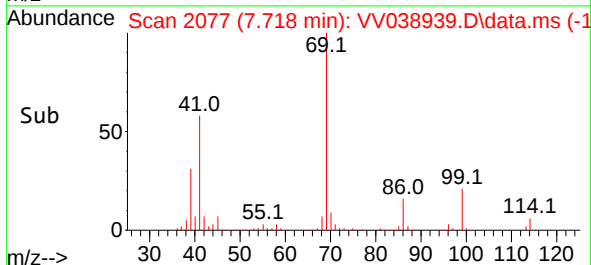
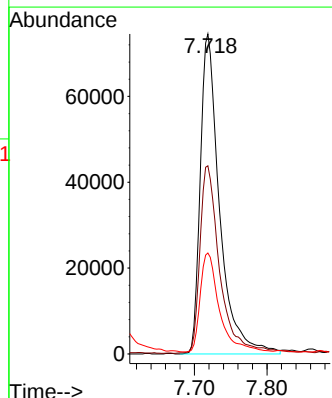
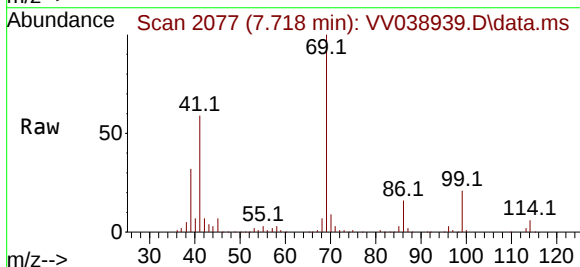
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.2	99.4
85	55.5	42.9	64.3
99	62.9	50.2	75.4

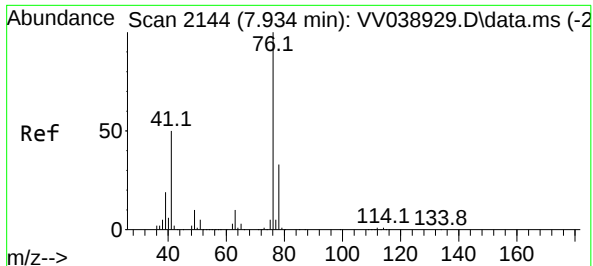


#56
 Ethyl methacrylate
 Concen: 22.738 ug/l
 RT: 7.718 min Scan# 2077
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Tgt Ion: 69 Resp: 137644

Ion	Ratio	Lower	Upper
69	100		
41	60.7	45.8	68.8
39	30.6	23.4	35.0

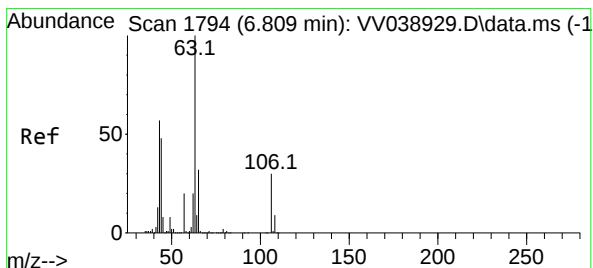
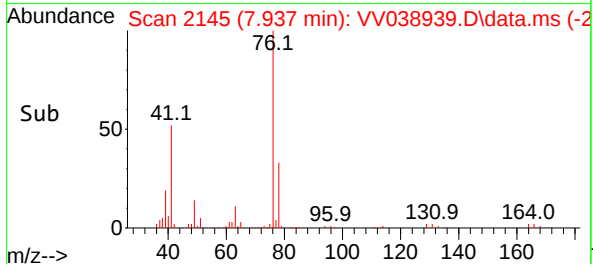
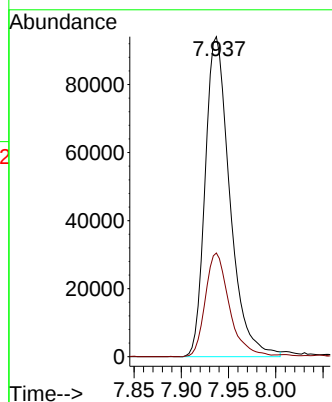
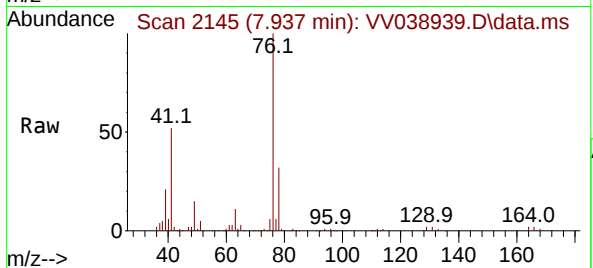




#57
1,3-Dichloropropane
Concen: 21.578 ug/l
RT: 7.937 min Scan# 2145
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

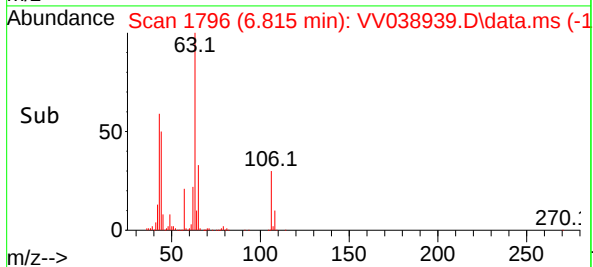
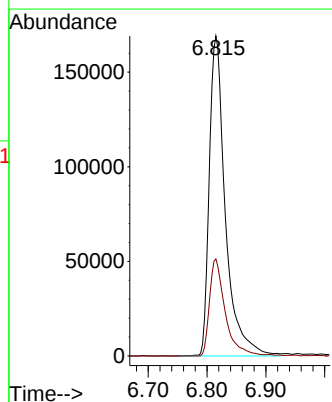
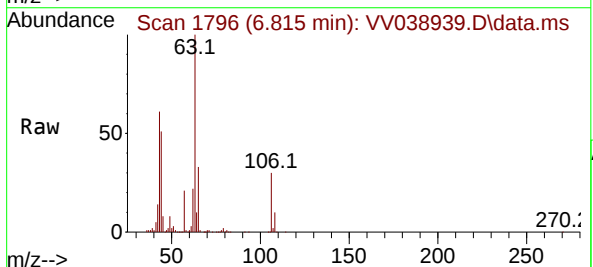
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

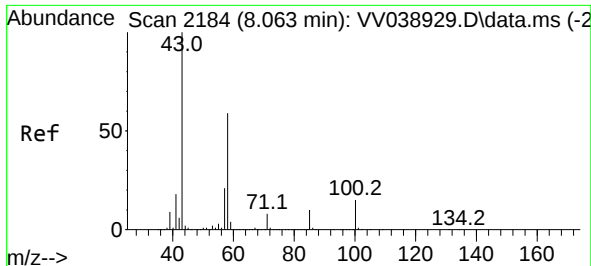
Tgt Ion: 76 Resp: 170565
Ion Ratio Lower Upper
76 100
78 31.7 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 105.808 ug/l
RT: 6.815 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 63 Resp: 320834
Ion Ratio Lower Upper
63 100
106 29.5 24.1 36.1

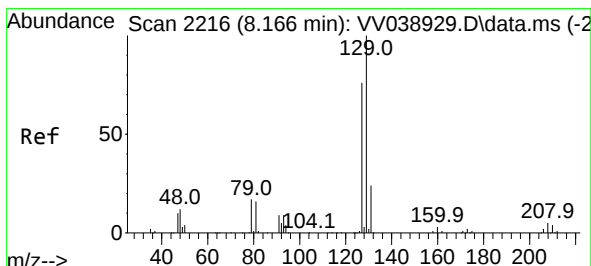
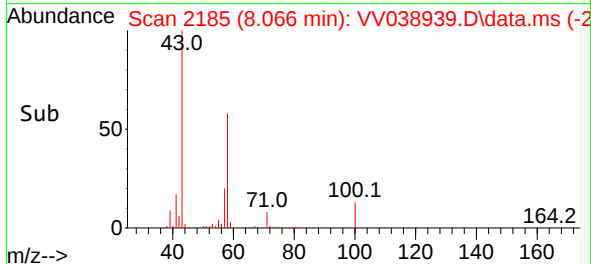
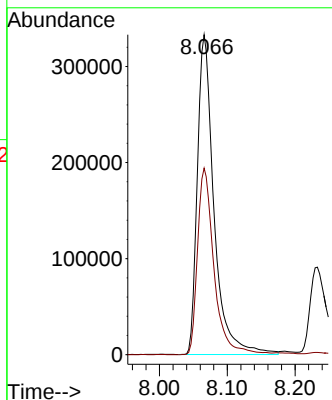
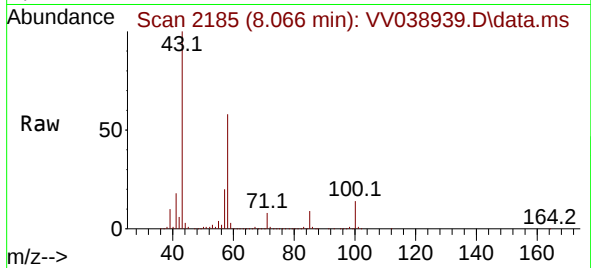




#59
2-Hexanone
Concen: 121.644 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

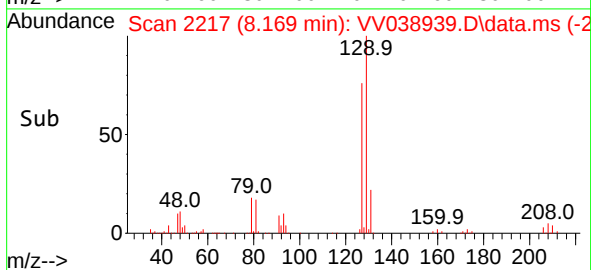
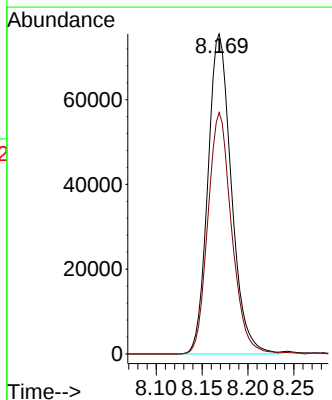
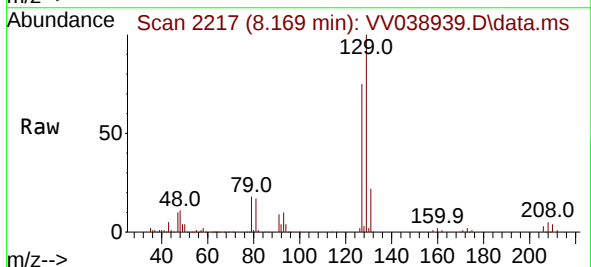
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

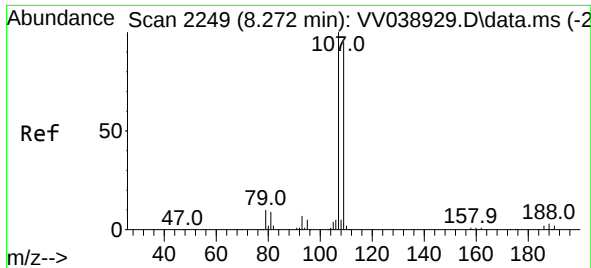
Tgt Ion: 43 Resp: 567465
Ion Ratio Lower Upper
43 100
58 57.9 29.3 87.8



#60
Dibromochloromethane
Concen: 21.302 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 129 Resp: 134795
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6

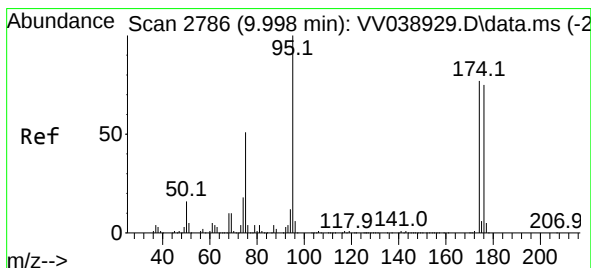
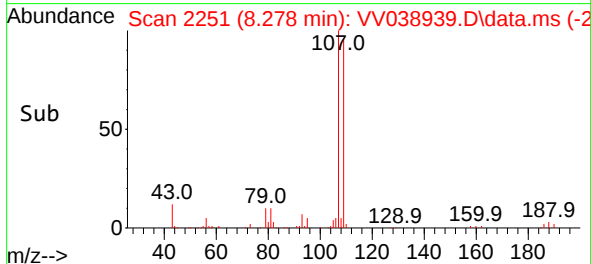
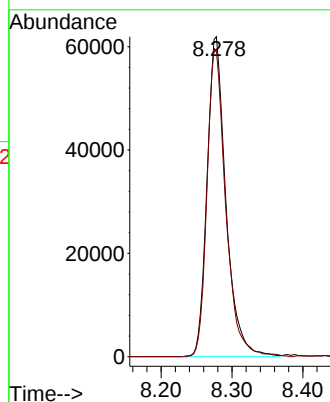
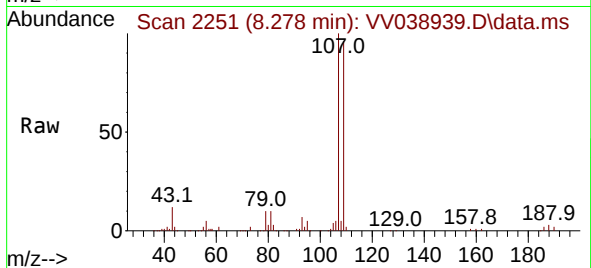




#61
 1,2-Dibromoethane
 Concen: 22.320 ug/l
 RT: 8.278 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

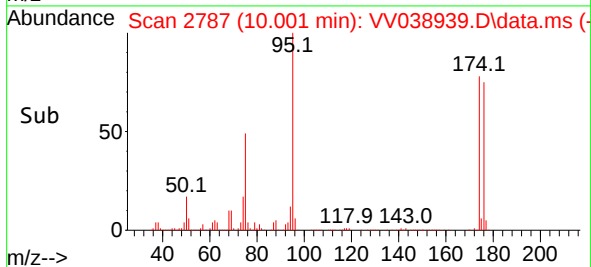
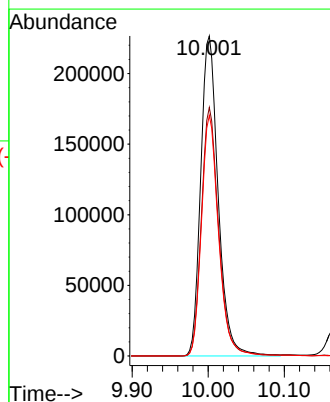
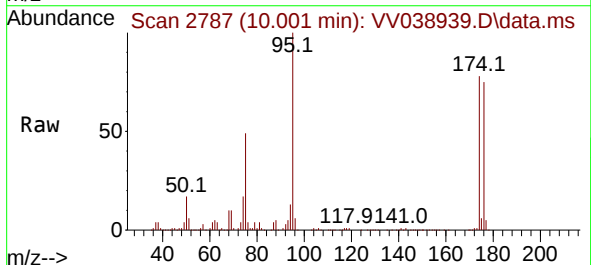
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

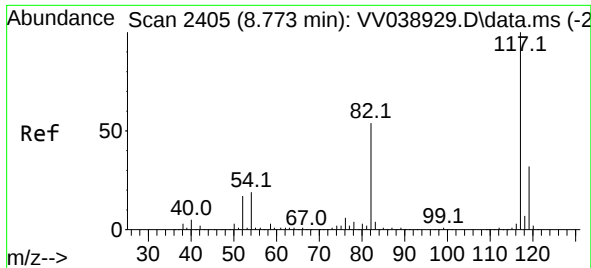
Tgt Ion:107 Resp: 114502
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 50.858 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Tgt Ion: 95 Resp: 361653
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 156.6
 176 73.7 0.0 153.0

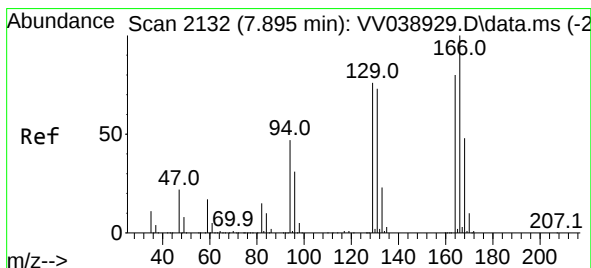
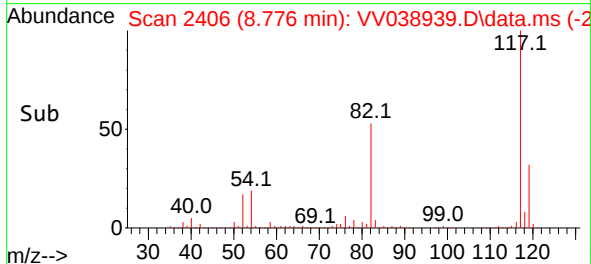
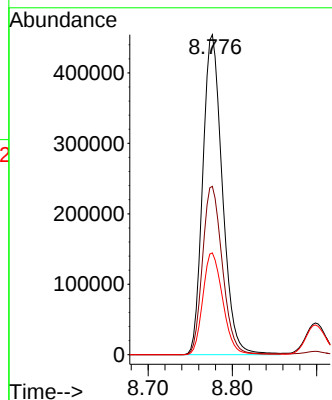
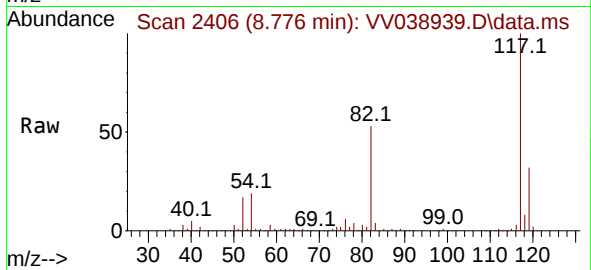




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

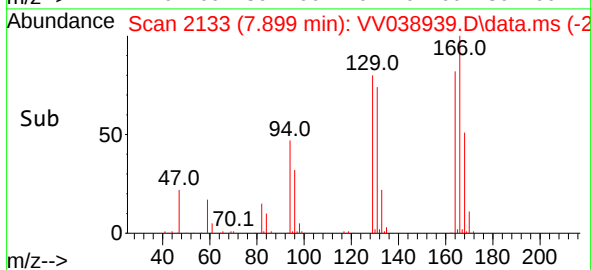
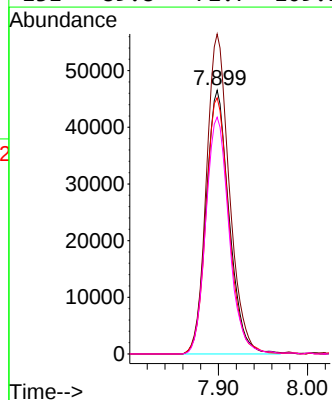
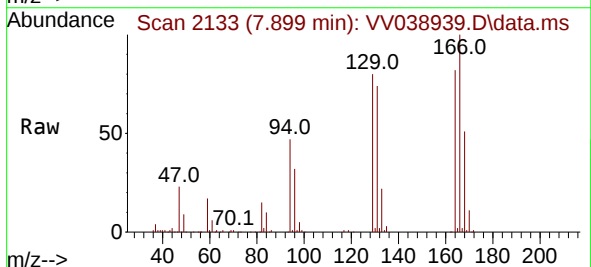
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

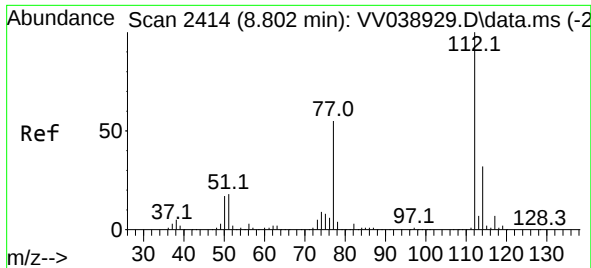
Tgt Ion:117 Resp: 736355
Ion Ratio Lower Upper
117 100
82 52.6 43.2 64.8
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 19.414 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion:164 Resp: 83901
Ion Ratio Lower Upper
164 100
166 121.3 100.2 150.4
129 97.1 76.7 115.1
131 89.8 72.7 109.1

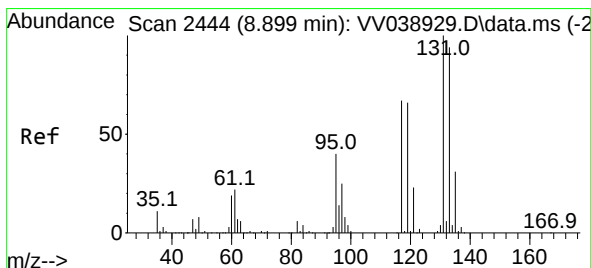
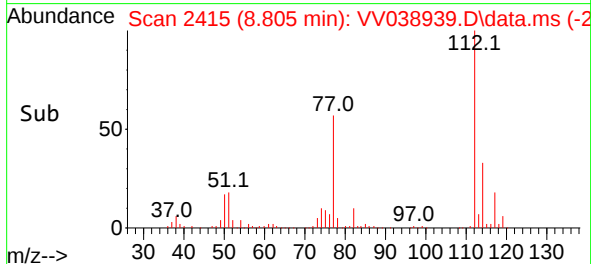
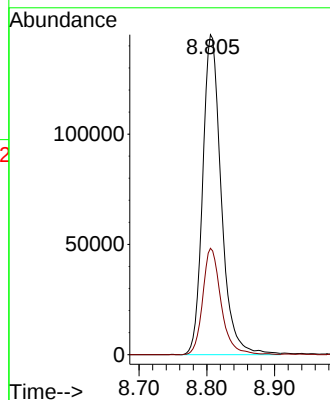
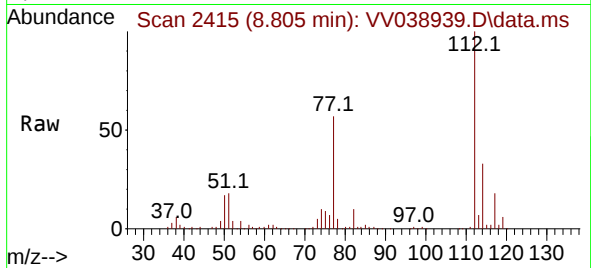




#65
Chlorobenzene
Concen: 19.214 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

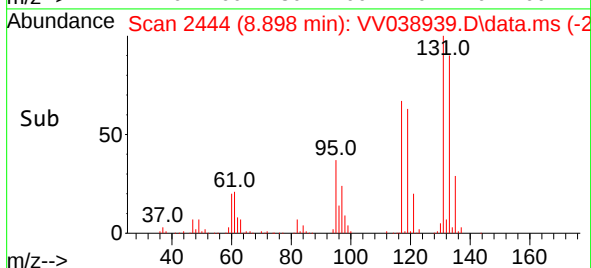
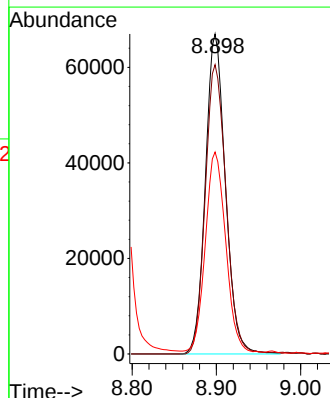
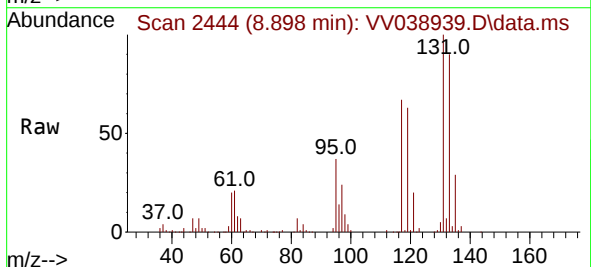
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

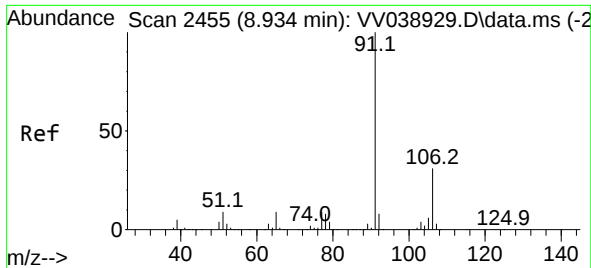
Tgt Ion:112 Resp: 276572
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.580 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion:131 Resp: 110855
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 63.9 32.8 98.3





#67

Ethyl Benzene

Concen: 18.891 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

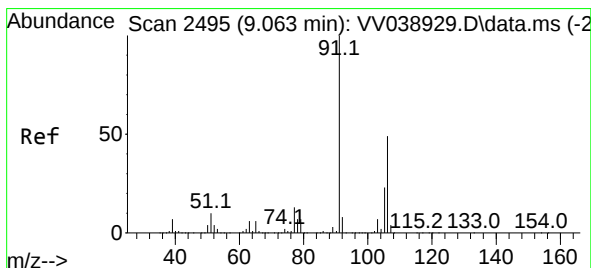
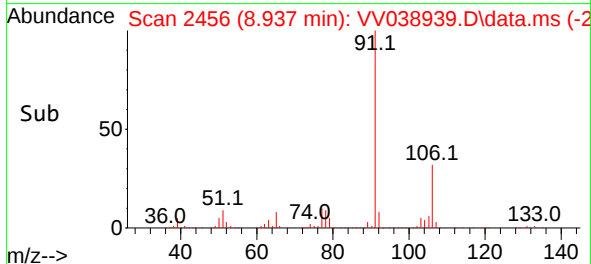
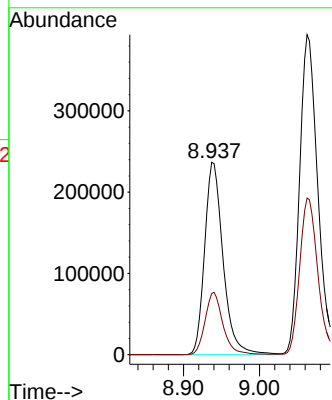
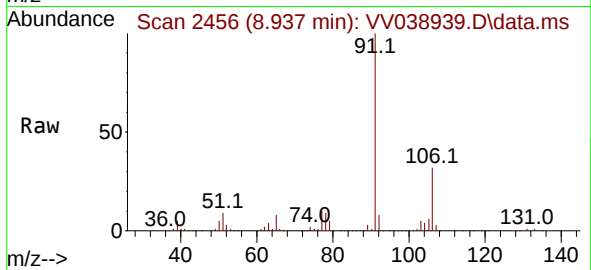
VV0811WBSD01

Tgt Ion: 91 Resp: 399414

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.6



#68

m/p-Xylenes

Concen: 39.748 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038939.D

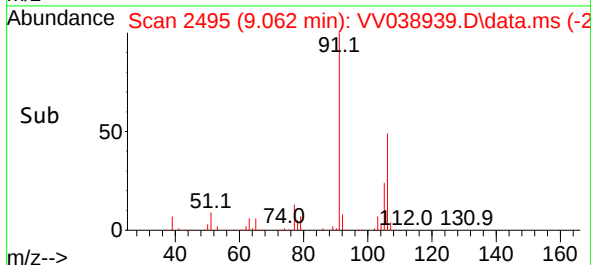
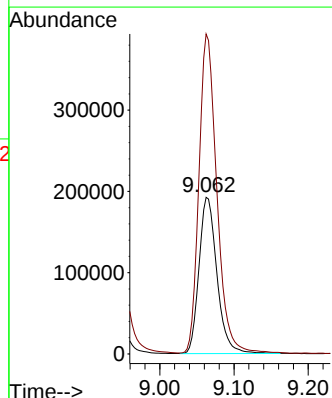
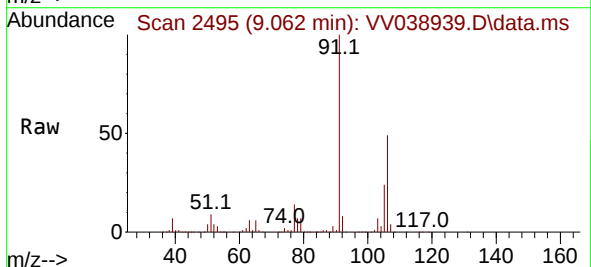
Acq: 11 Aug 2025 11:54

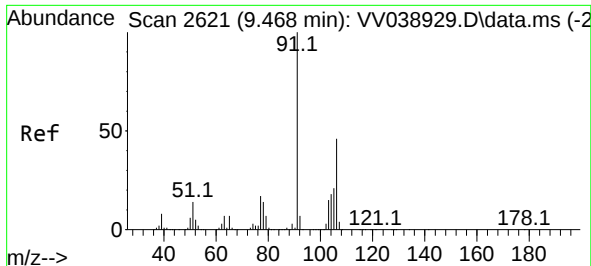
Tgt Ion: 106 Resp: 323879

Ion Ratio Lower Upper

106 100

91 204.0 163.4 245.2

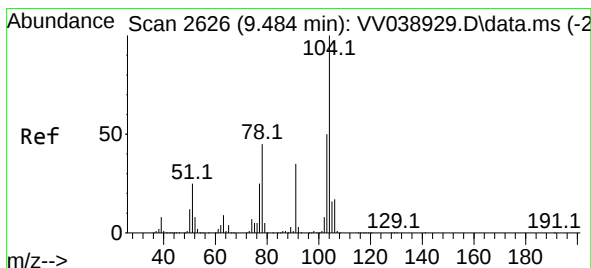
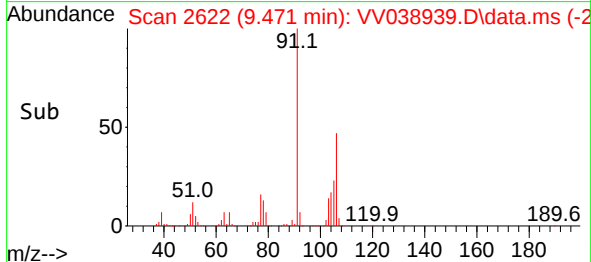
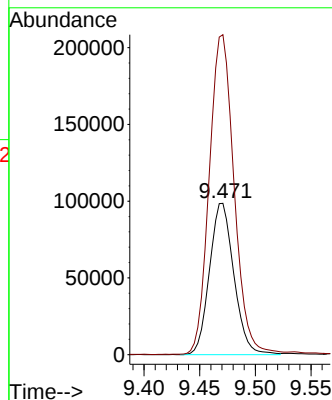
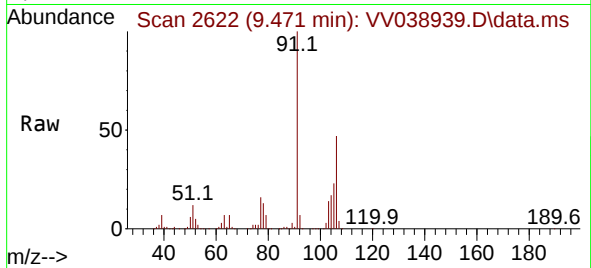




#69
o-Xylene
Concen: 19.620 ug/l
RT: 9.471 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

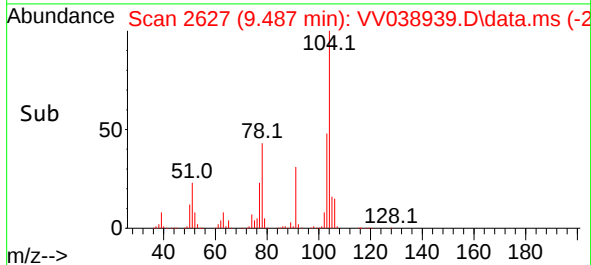
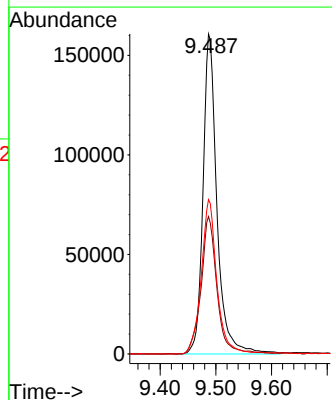
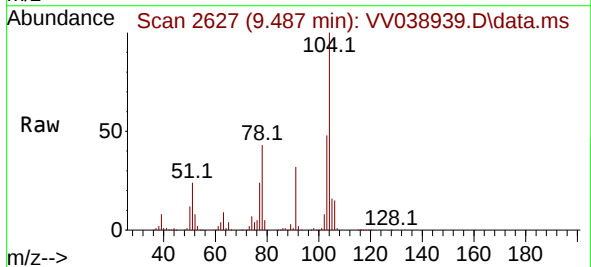
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

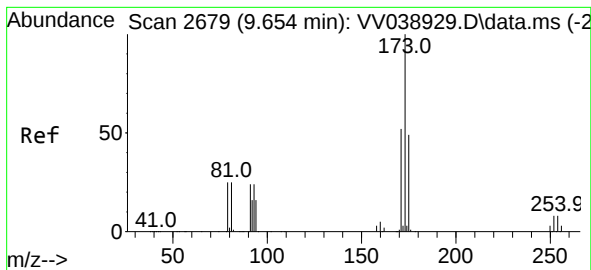
Tgt Ion:106 Resp: 150329
Ion Ratio Lower Upper
106 100
91 215.7 109.1 327.3



#70
Styrene
Concen: 20.331 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion:104 Resp: 280463
Ion Ratio Lower Upper
104 100
78 48.2 39.8 59.6
103 53.8 43.8 65.6





#71

Bromoform

Concen: 20.351 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

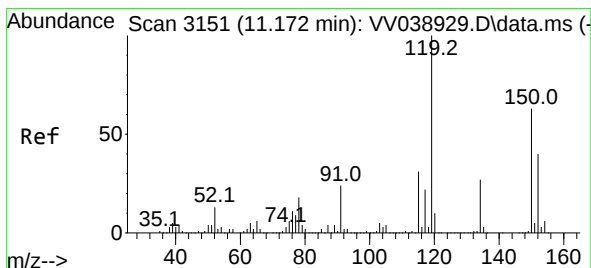
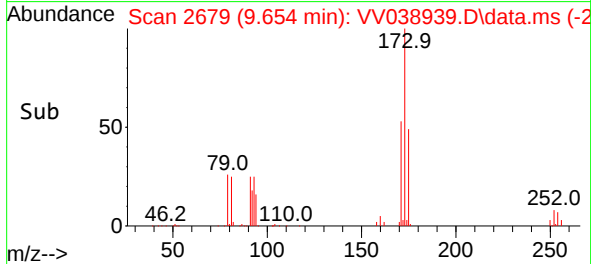
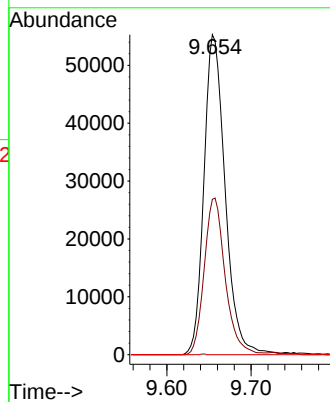
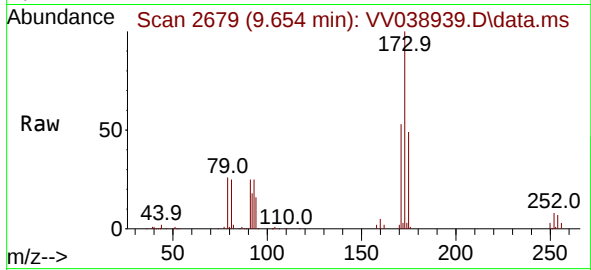
Tgt Ion:173 Resp: 96826

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.9

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

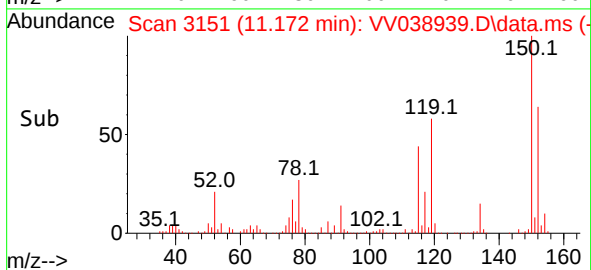
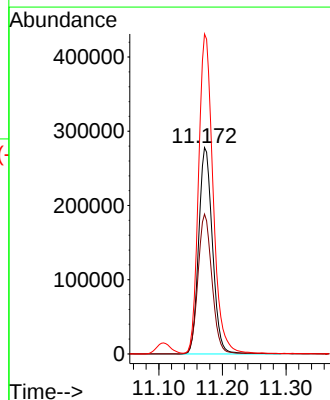
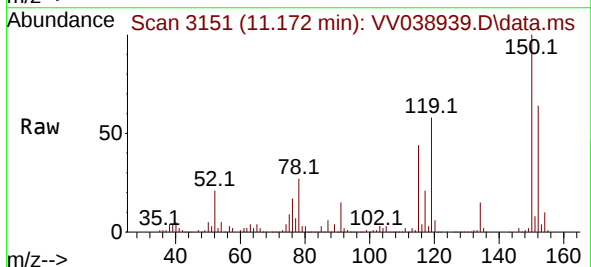
Tgt Ion:152 Resp: 417972

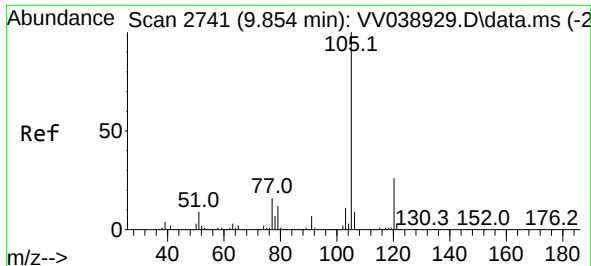
Ion Ratio Lower Upper

152 100

115 68.7 41.0 123.2

150 162.0 0.0 345.4

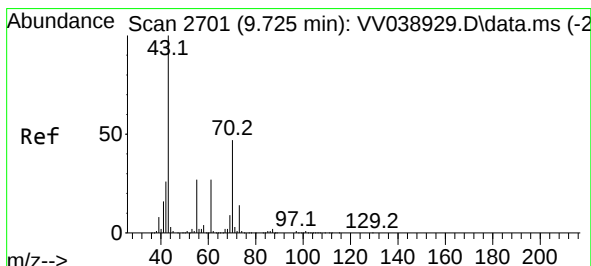
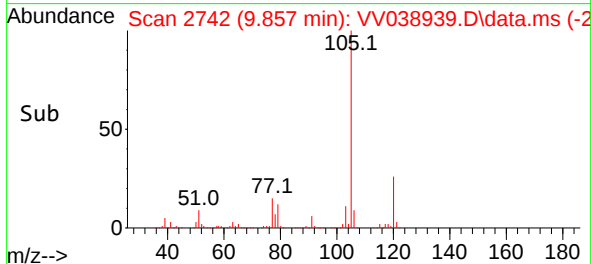
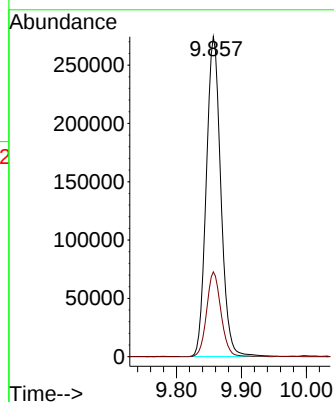
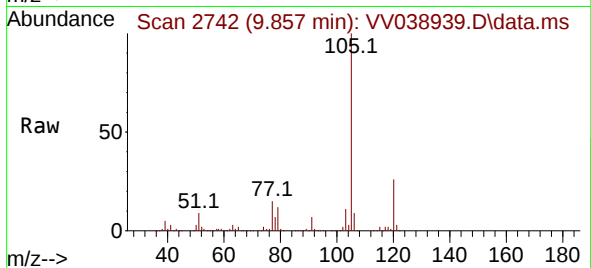




#73
Isopropylbenzene
Concen: 19.595 ug/l
RT: 9.857 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

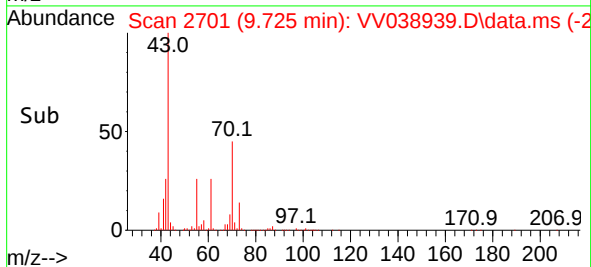
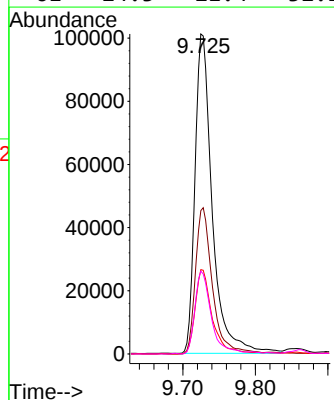
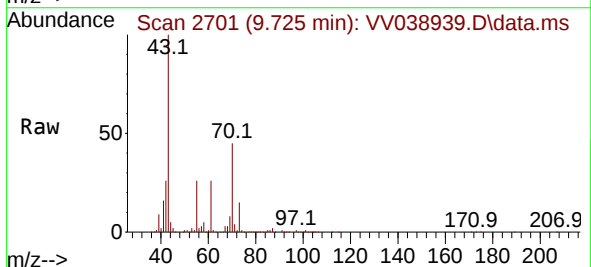
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

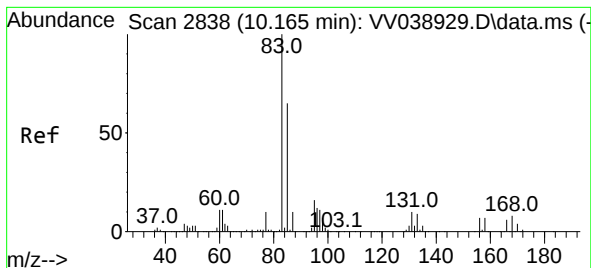
Tgt Ion:105 Resp: 427490
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.8



#74
N-ethyl acetate
Concen: 21.839 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 43 Resp: 167430
Ion Ratio Lower Upper
43 100
70 45.0 37.4 56.0
55 25.9 22.1 33.1
61 24.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.904 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

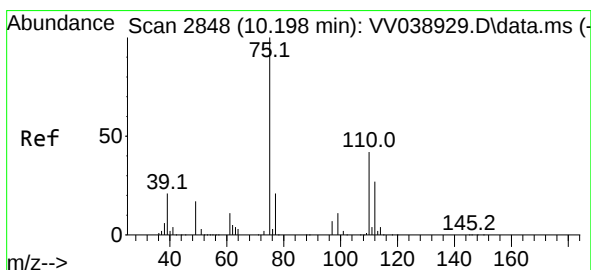
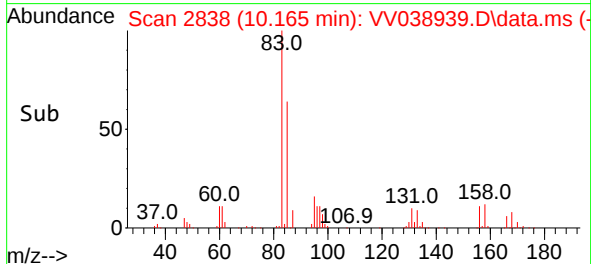
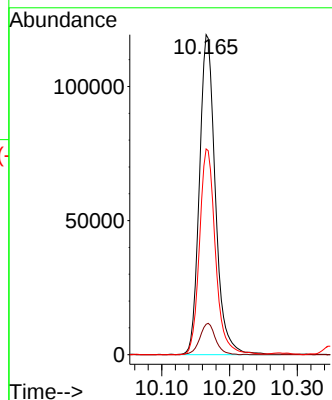
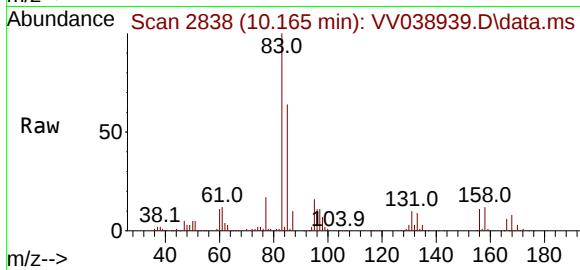
Tgt Ion: 83 Resp: 194993

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 20.344 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038939.D

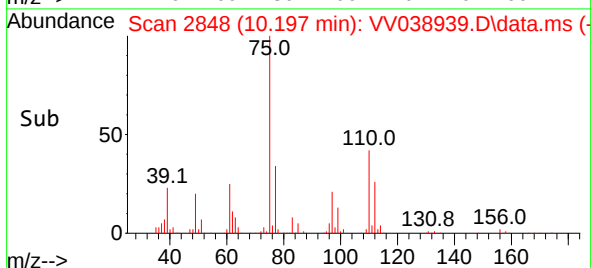
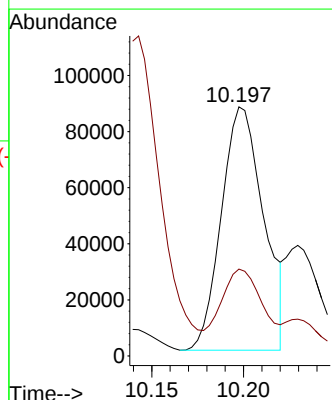
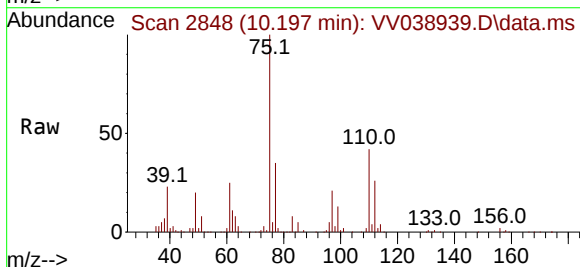
Acq: 11 Aug 2025 11:54

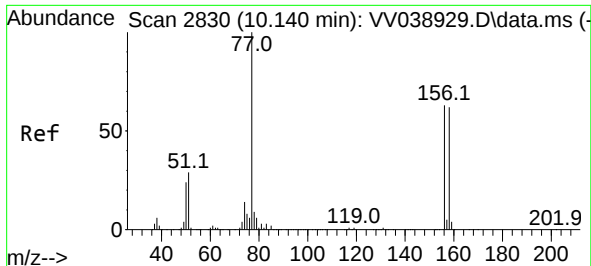
Tgt Ion: 75 Resp: 138930

Ion Ratio Lower Upper

75 100

77 22.2 11.9 35.9

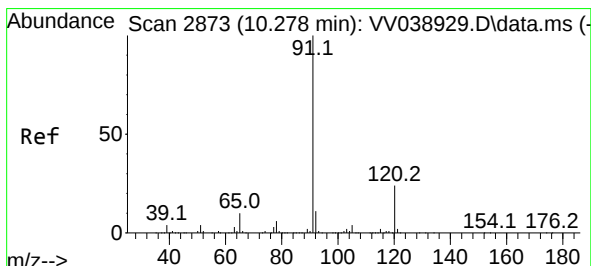
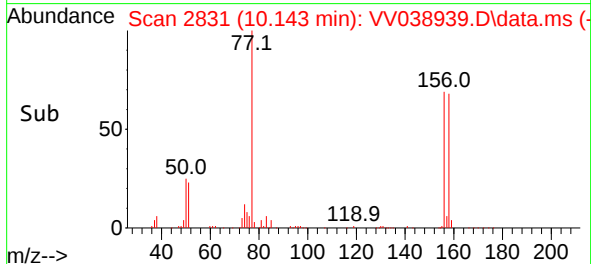
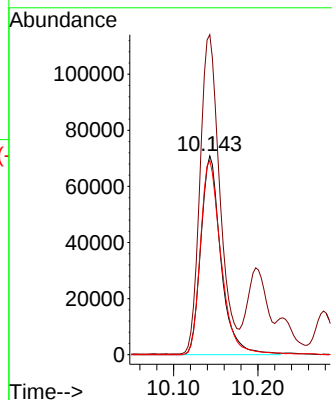
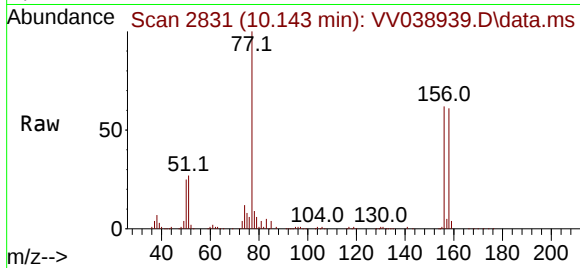




#77
Bromobenzene
Concen: 20.096 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

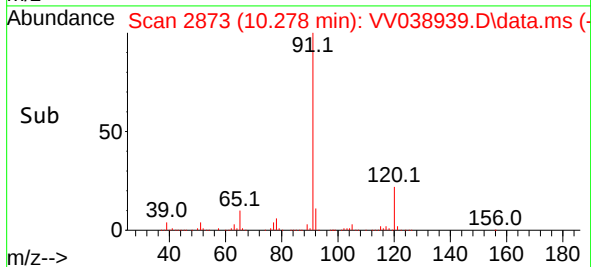
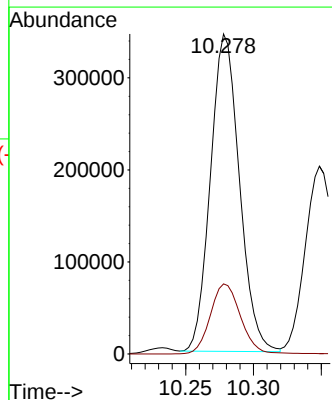
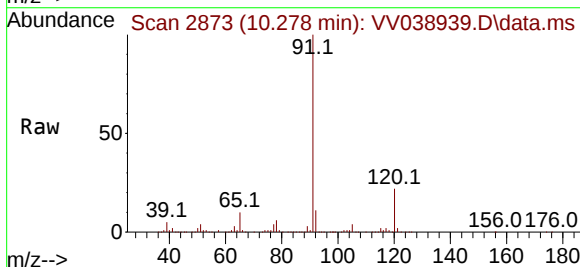
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

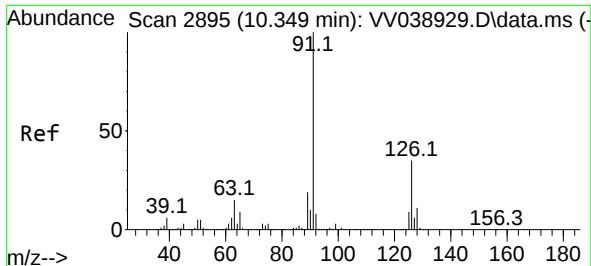
Tgt Ion:156 Resp: 117690
Ion Ratio Lower Upper
156 100
77 158.4 78.8 236.5
158 99.8 49.6 148.8



#78
n-propylbenzene
Concen: 19.898 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 91 Resp: 512106
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.7

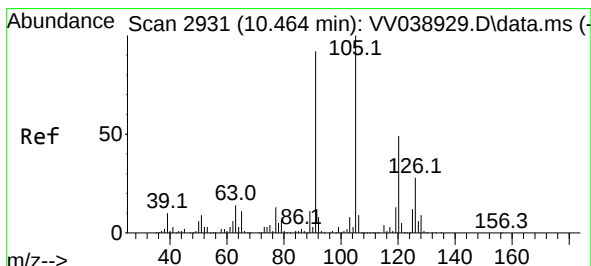
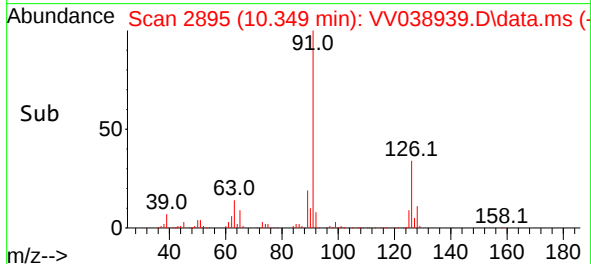
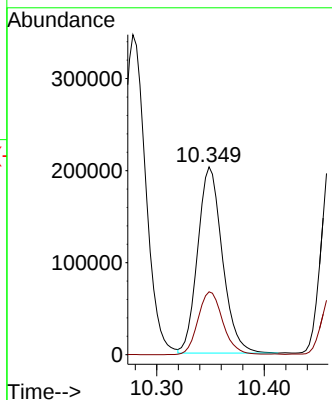
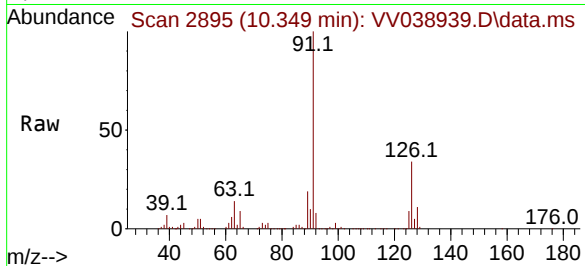




#79
2-Chlorotoluene
Concen: 20.380 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

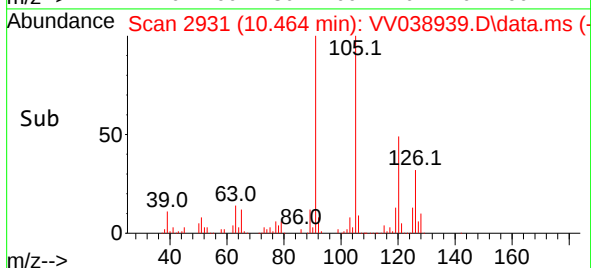
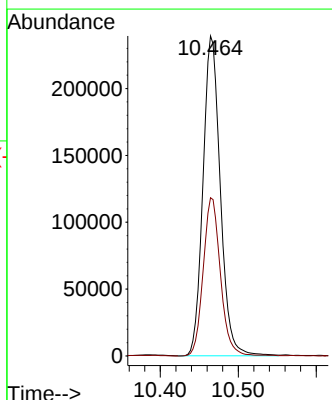
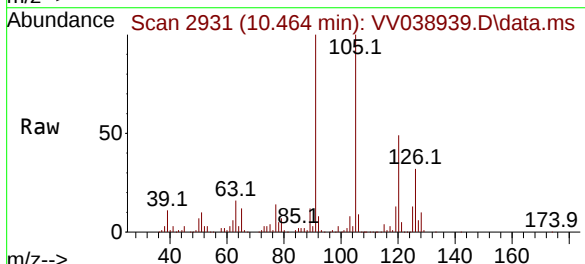
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBSD01

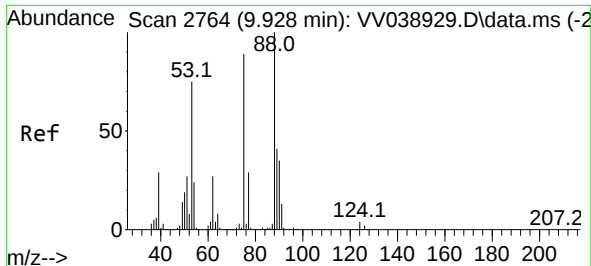
Tgt Ion: 91 Resp: 321944
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.119 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038939.D
Acq: 11 Aug 2025 11:54

Tgt Ion: 105 Resp: 370325
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6

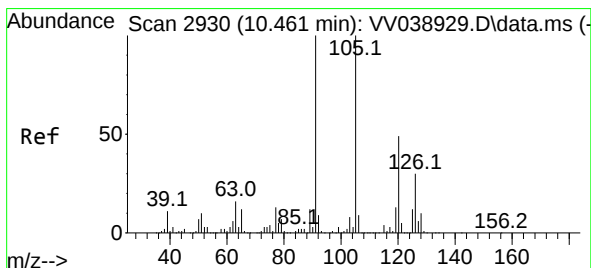
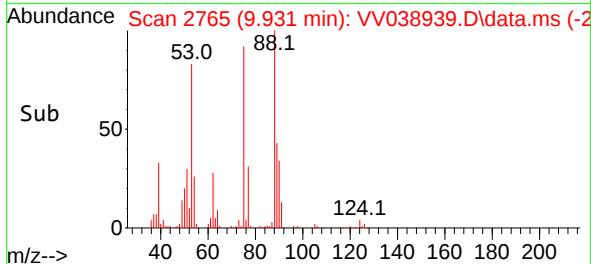
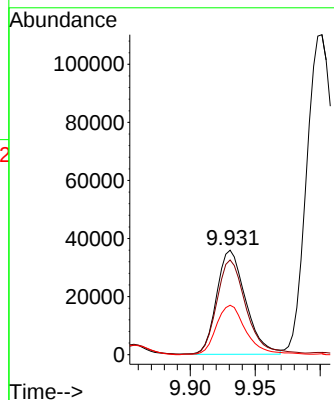
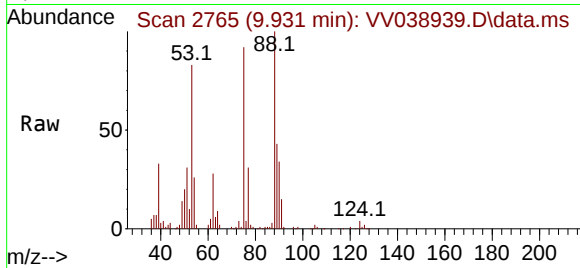




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.320 ug/l
 RT: 9.931 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

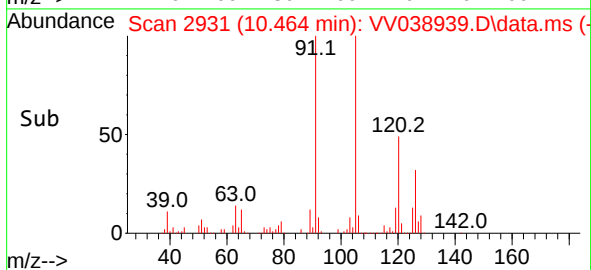
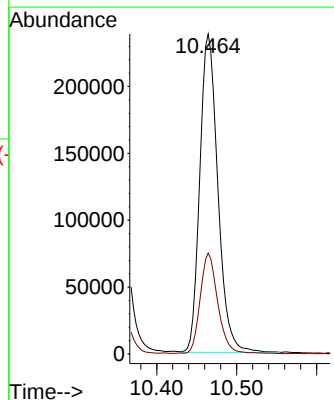
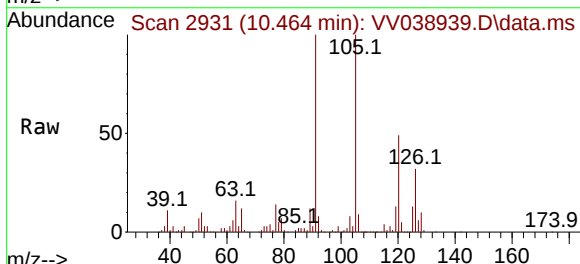
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

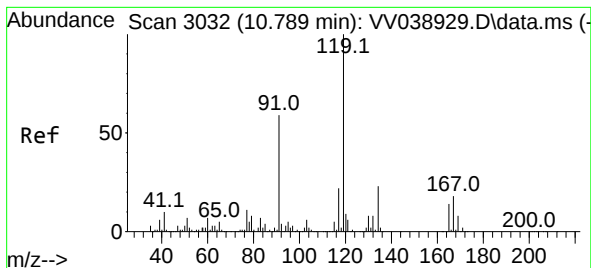
Tgt Ion: 75 Resp: 55426
 Ion Ratio Lower Upper
 75 100
 53 91.2 69.0 103.4
 89 49.3 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 20.242 ug/l
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Tgt Ion: 91 Resp: 373964
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.0 45.0





#83

tert-Butylbenzene

Concen: 18.446 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

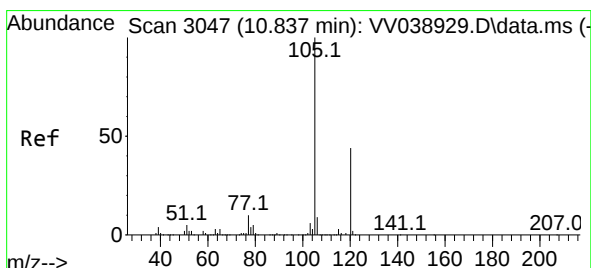
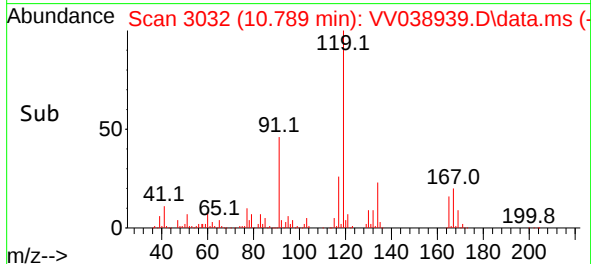
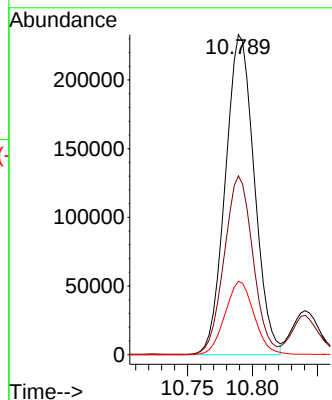
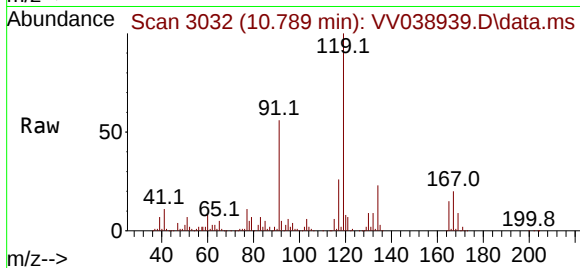
Tgt Ion:119 Resp: 361704

Ion Ratio Lower Upper

119 100

91 55.2 28.5 85.5

134 23.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 19.779 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038939.D

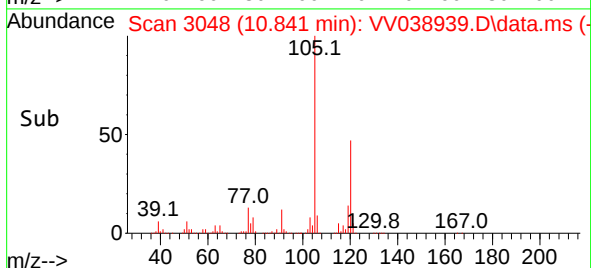
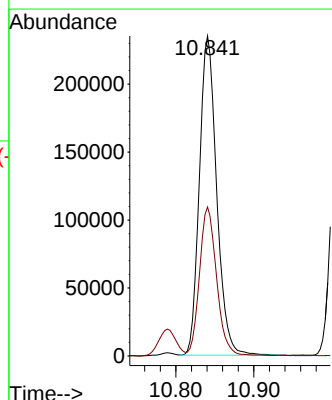
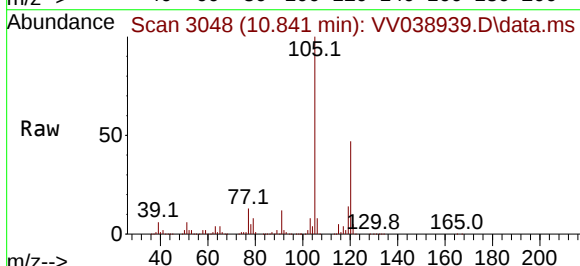
Acq: 11 Aug 2025 11:54

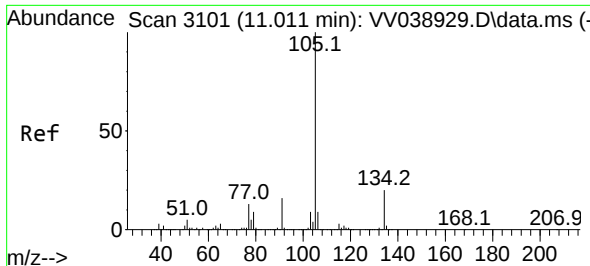
Tgt Ion:105 Resp: 361329

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.5

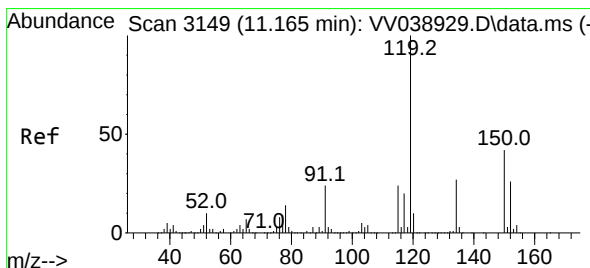
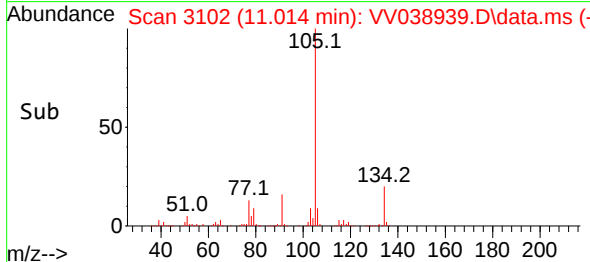
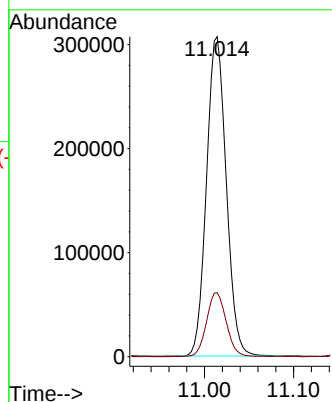
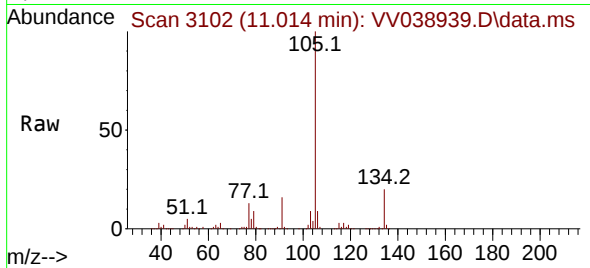




#85
 sec-Butylbenzene
 Concen: 19.026 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

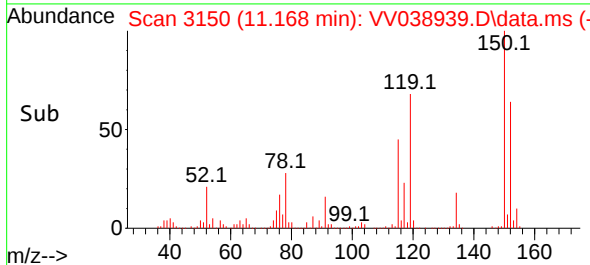
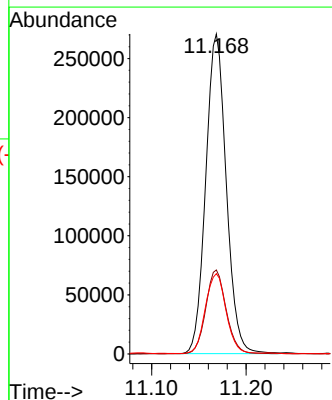
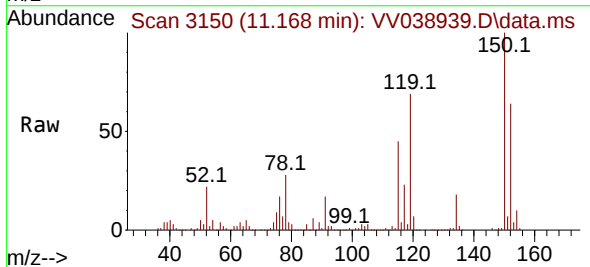
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

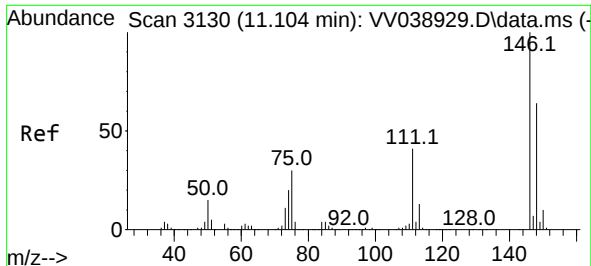
Tgt Ion:105 Resp: 471398
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 18.888 ug/l
 RT: 11.168 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV038939.D
 Acq: 11 Aug 2025 11:54

Tgt Ion:119 Resp: 407680
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 25.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.181 ug/l

RT: 11.107 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

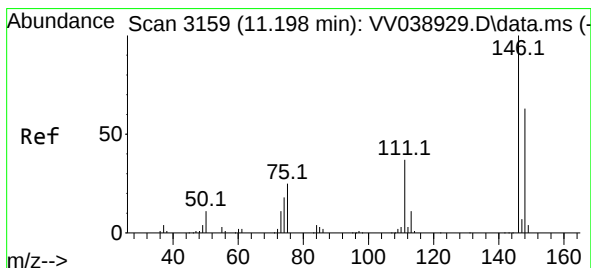
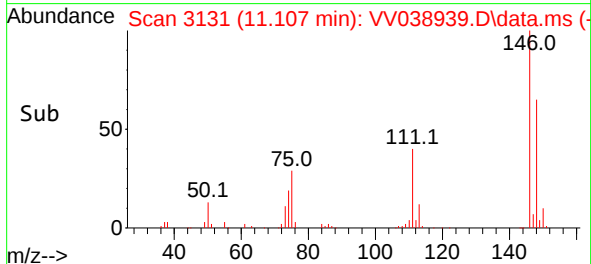
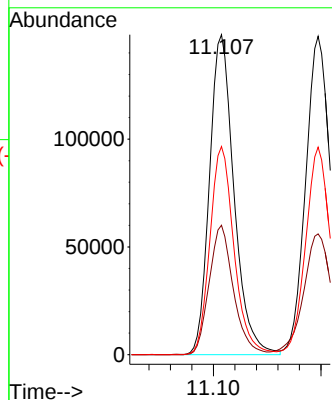
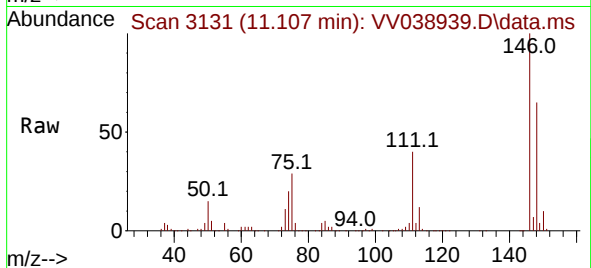
Tgt Ion:146 Resp: 234813

Ion Ratio Lower Upper

146 100

111 39.8 20.4 61.2

148 64.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 18.602 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

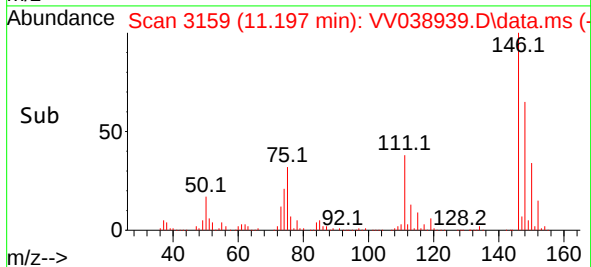
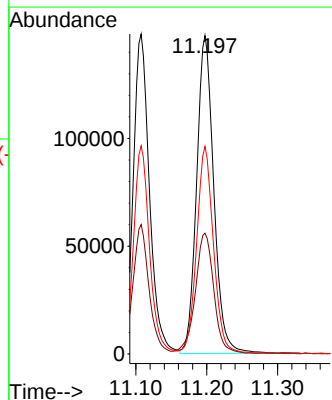
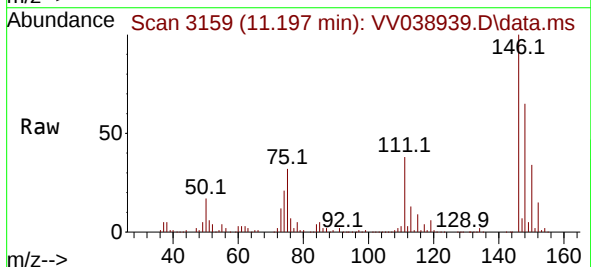
Tgt Ion:146 Resp: 247767

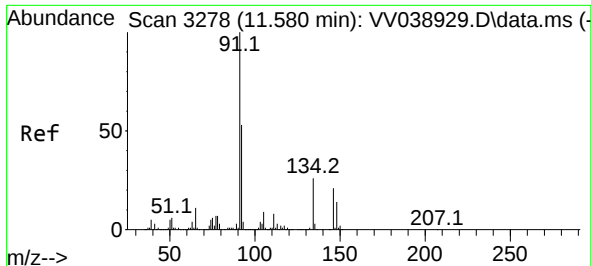
Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

148 63.8 31.4 94.2





#89

n-Butylbenzene

Concen: 18.557 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

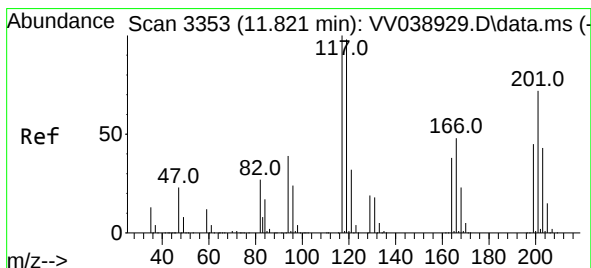
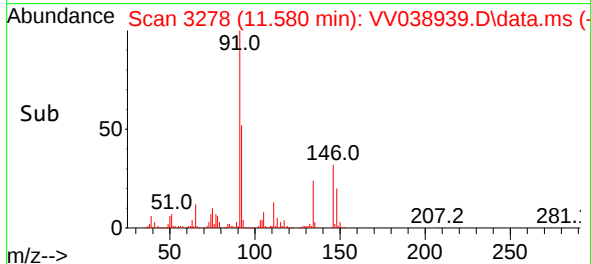
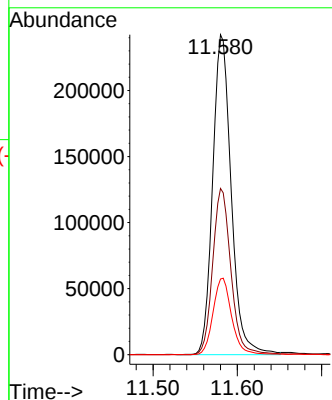
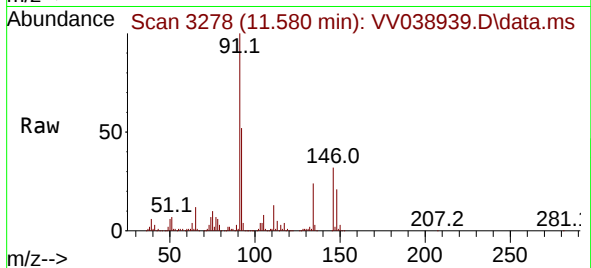
MSVOA_V

ClientSampleId :

VV0811WBSD01

Tgt Ion: 91 Resp: 370282

Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.2	78.6
134	24.0	13.0	38.9



#90

Hexachloroethane

Concen: 17.679 ug/l

RT: 11.821 min Scan# 3353

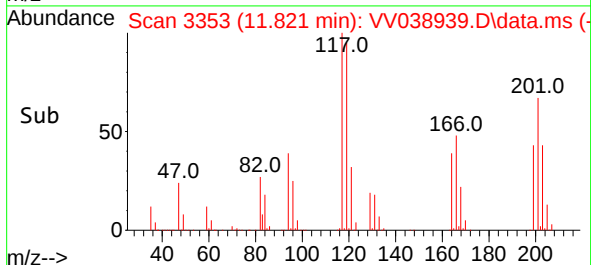
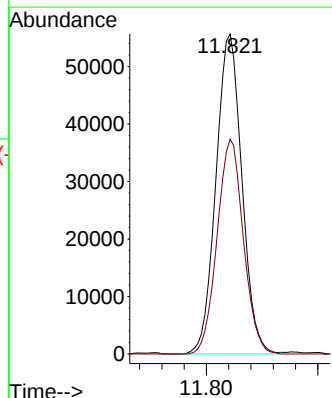
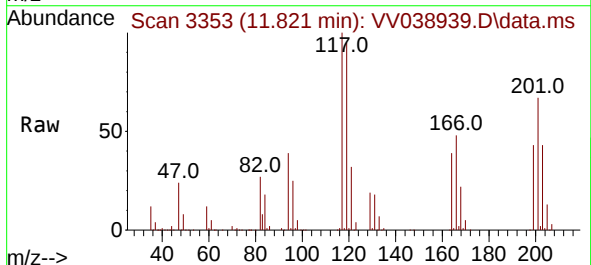
Delta R.T. -0.000 min

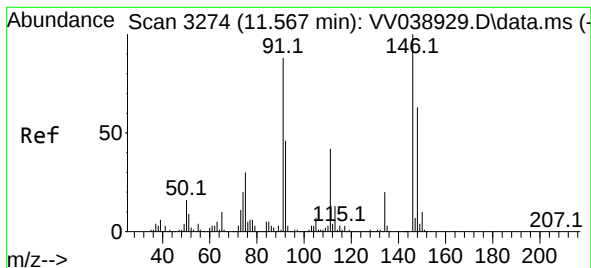
Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Tgt Ion: 117 Resp: 90012

Ion	Ratio	Lower	Upper
117	100		
201	67.8	34.8	104.5





#91

1,2-Dichlorobenzene

Concen: 19.430 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

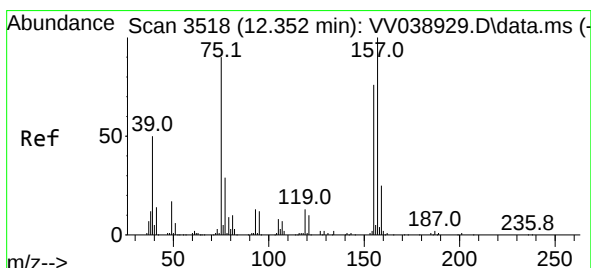
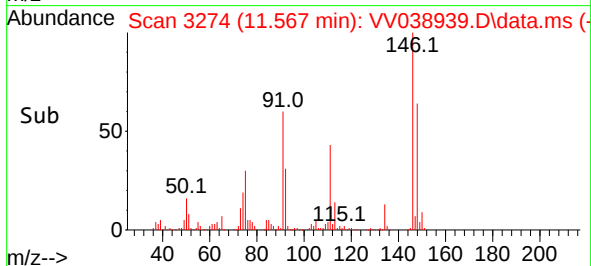
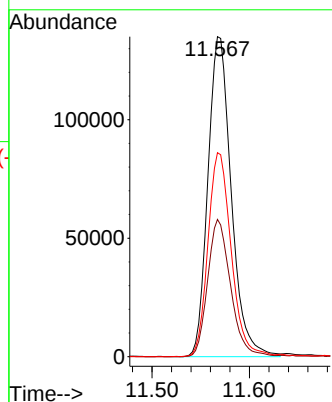
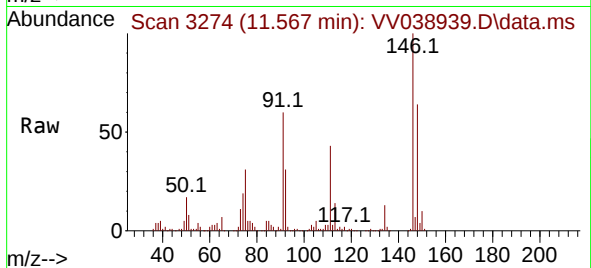
Tgt Ion:146 Resp: 224832

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.3

148 63.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.327 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

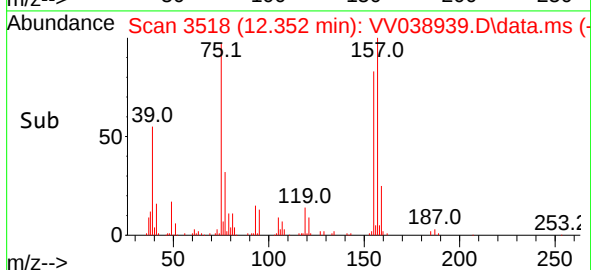
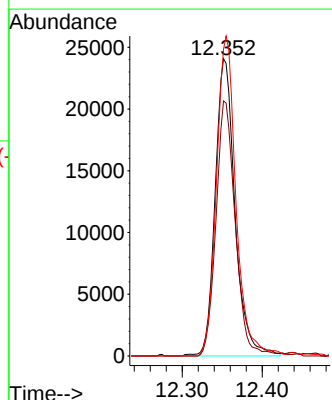
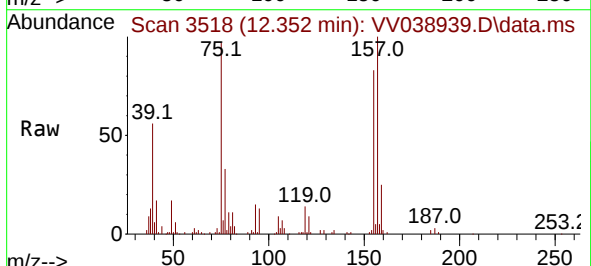
Tgt Ion: 75 Resp: 41252

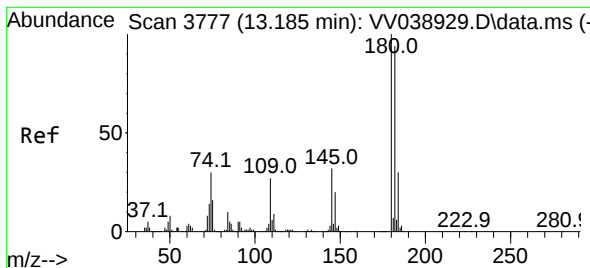
Ion Ratio Lower Upper

75 100

155 83.4 41.4 124.2

157 106.2 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 18.677 ug/l

RT: 13.188 min Scan# 3777

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

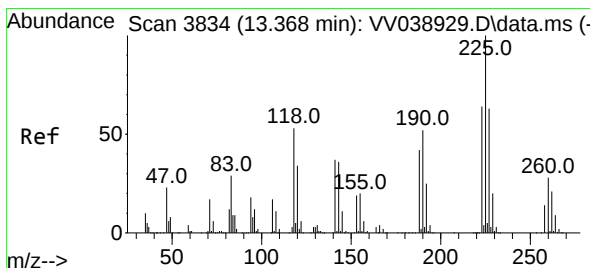
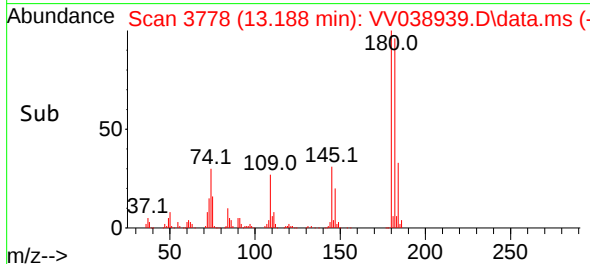
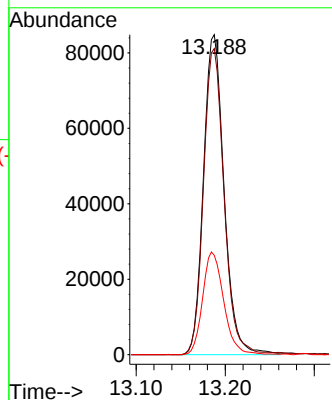
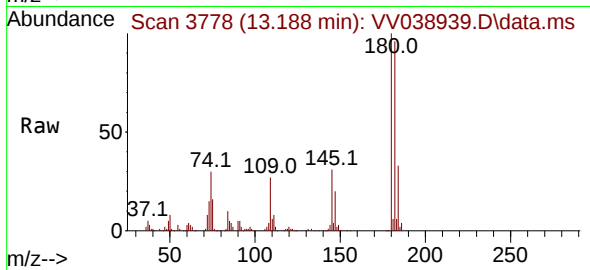
Tgt Ion:180 Resp: 136319

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 32.9 15.9 47.6



#94

Hexachlorobutadiene

Concen: 16.697 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

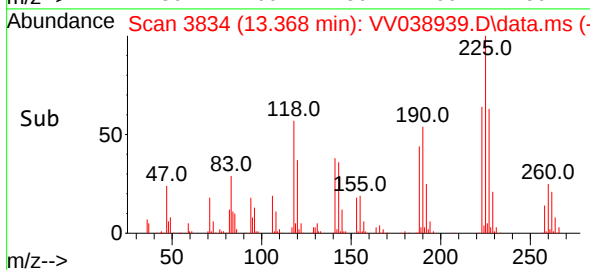
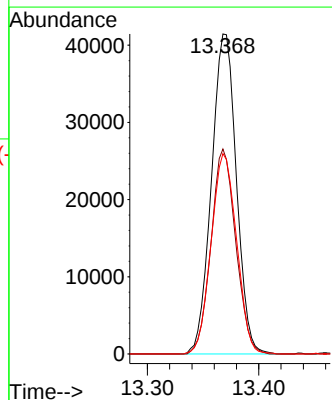
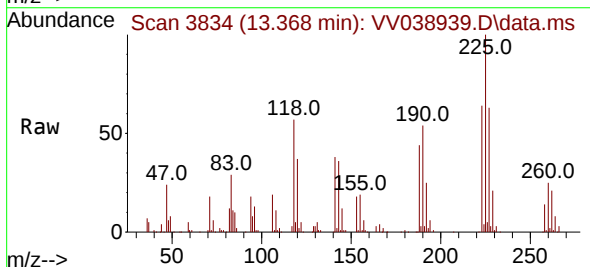
Tgt Ion:225 Resp: 64396

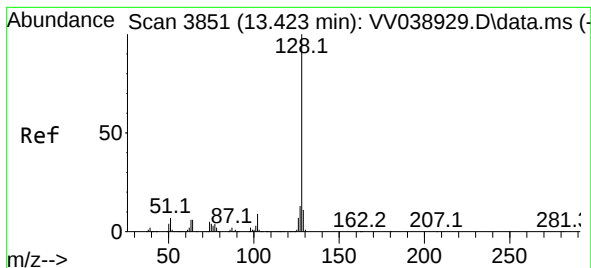
Ion Ratio Lower Upper

225 100

223 63.6 32.0 96.0

227 64.1 31.3 93.9





#95

Naphthalene

Concen: 19.542 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBSD01

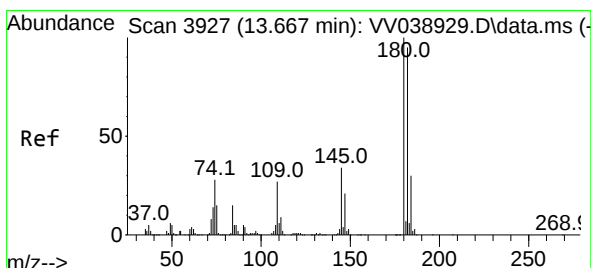
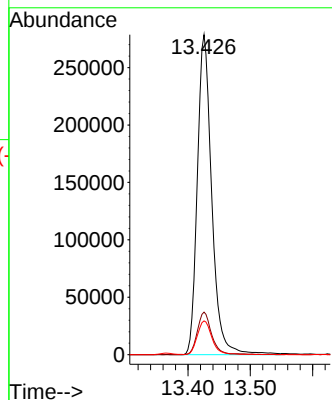
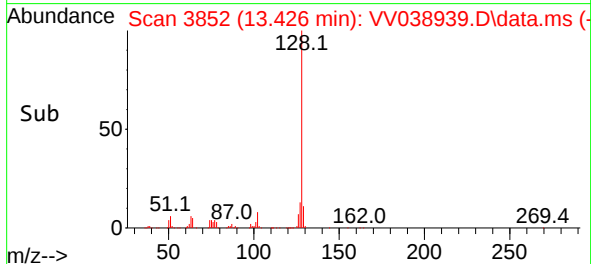
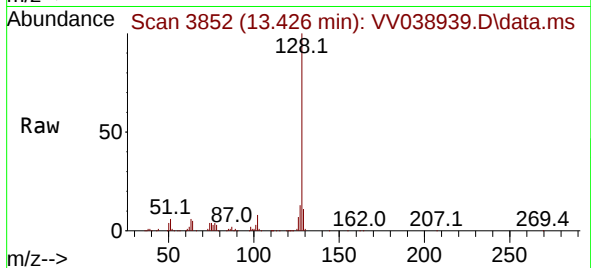
Tgt Ion:128 Resp: 447551

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.154 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038939.D

Acq: 11 Aug 2025 11:54

Tgt Ion:180 Resp: 143065

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 34.0 17.1 51.3

