

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031973.D
 Acq On : 01 Aug 2025 09:49
 Operator : SY/MD
 Sample : VW0801SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBS01

Quant Time: Aug 01 23:07:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	204409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	389040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	355301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161977	52.383	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.760%	
35) Dibromofluoromethane	7.898	113	138929	52.553	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 105.100%	
50) Toluene-d8	10.325	98	510960	51.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.617	95	195687	50.937	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	26226	17.263	ug/l	91
3) Chloromethane	2.253	50	38150	19.565	ug/l	99
4) Vinyl Chloride	2.399	62	46264	18.265	ug/l	94
5) Bromomethane	2.820	94	36788	19.723	ug/l	97
6) Chloroethane	2.966	64	33442	20.004	ug/l	96
7) Trichlorofluoromethane	3.302	101	39130	15.252	ug/l	96
8) Diethyl Ether	3.716	74	33556	19.580	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.094	101	48715	19.741	ug/l	96
10) Methyl Iodide	4.308	142	69558	18.853	ug/l	98
11) Tert butyl alcohol	5.216	59	20911	115.046	ug/l #	93
12) 1,1-Dichloroethene	4.076	96	53794	19.737	ug/l	93
13) Acrolein	3.924	56	15768	54.663	ug/l	97
14) Allyl chloride	4.698	41	79388	18.710	ug/l	98
15) Acrylonitrile	5.399	53	80852	105.526	ug/l	99
16) Acetone	4.161	43	81896	111.611	ug/l	95
17) Carbon Disulfide	4.417	76	133303	18.858	ug/l	100
18) Methyl Acetate	4.710	43	44863	22.192	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	94780	20.126	ug/l	99
20) Methylene Chloride	4.948	84	63884	17.313	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	57339	19.828	ug/l	98
22) Diisopropyl ether	6.338	45	172471	20.314	ug/l	97
23) Vinyl Acetate	6.283	43	554073	99.891	ug/l	98
24) 1,1-Dichloroethane	6.240	63	108517	20.529	ug/l	99
25) 2-Butanone	7.191	43	112066	111.625	ug/l	98
26) 2,2-Dichloropropane	7.185	77	55144	18.426	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	68734	20.217	ug/l	99
28) Bromochloromethane	7.527	49	44375	20.050	ug/l #	15
29) Tetrahydrofuran	7.551	42	69425	105.474	ug/l	99
30) Chloroform	7.691	83	117578	21.214	ug/l	97
31) Cyclohexane	7.965	56	87414	18.432	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	83238	19.736	ug/l	98
36) 1,1-Dichloropropene	8.094	75	78401	19.312	ug/l	99
37) Ethyl Acetate	7.277	43	46676	20.154	ug/l	98
38) Carbon Tetrachloride	8.087	117	75591	19.401	ug/l	100
39) Methylcyclohexane	9.343	83	92733	18.151	ug/l	93
40) Benzene	8.331	78	241183	20.069	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	29220	21.077	ug/l	96
42) 1,2-Dichloroethane	8.411	62	79225	20.598	ug/l	99
43) Isopropyl Acetate	8.435	43	82562	19.692	ug/l	99
44) Trichloroethene	9.099	130	56255	19.693	ug/l	100
45) 1,2-Dichloropropane	9.374	63	59759	20.647	ug/l	96
46) Dibromomethane	9.465	93	36920	20.578	ug/l	98
47) Bromodichloromethane	9.648	83	89630	20.833	ug/l	99
48) Methyl methacrylate	9.441	41	39606	19.856	ug/l	97
49) 1,4-Dioxane	9.459	88	9890	552.435	ug/l	96
51) 4-Methyl-2-Pentanone	10.209	43	242840	105.836	ug/l	99
52) Toluene	10.386	92	154706	20.025	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	79676	19.306	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	91609	19.438	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	49168	20.631	ug/l	94
56) Ethyl methacrylate	10.648	69	66980	19.900	ug/l	98
57) 1,3-Dichloropropane	10.934	76	87231	20.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	171564	99.235	ug/l	97
59) 2-Hexanone	10.971	43	168636	105.734	ug/l	98
60) Dibromochloromethane	11.130	129	56909	20.481	ug/l	98
61) 1,2-Dibromoethane	11.239	107	49593	21.060	ug/l	97
64) Tetrachloroethene	10.861	164	47641	20.337	ug/l	83
65) Chlorobenzene	11.660	112	169215	19.459	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	55290	20.510	ug/l	96
67) Ethyl Benzene	11.727	91	289325	18.937	ug/l	99
68) m/p-Xylenes	11.837	106	227948	39.631	ug/l	99
69) o-Xylene	12.166	106	106885	19.636	ug/l	100
70) Styrene	12.178	104	184711	19.931	ug/l	98
71) Bromoform	12.349	173	31240	21.189	ug/l #	99
73) Isopropylbenzene	12.465	105	268400	18.237	ug/l	99
74) N-amyl acetate	12.270	43	73747	18.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.709	83	64210	20.554	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	80201	34.247	ug/l #	100
77) Bromobenzene	12.745	156	64000	20.098	ug/l	92
78) n-propylbenzene	12.800	91	338914	18.750	ug/l	99
79) 2-Chlorotoluene	12.891	91	205568	19.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	229932	18.628	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	18112	17.856	ug/l	92
82) 4-Chlorotoluene	12.983	91	216472	19.120	ug/l	98
83) tert-Butylbenzene	13.202	119	195715	18.615	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	239764	19.191	ug/l	99
85) sec-Butylbenzene	13.379	105	292934	18.553	ug/l	100
86) p-Isopropyltoluene	13.495	119	246860	18.915	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	134477	20.288	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	127388	19.618	ug/l	98
89) n-Butylbenzene	13.818	91	238599	18.637	ug/l	99
90) Hexachloroethane	14.086	117	43282	19.179	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	118631	20.194	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11068	19.611	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	66569	18.790	ug/l	95
94) Hexachlorobutadiene	15.232	225	31530	18.782	ug/l	99
95) Naphthalene	15.361	128	163926	18.820	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	61654	19.207	ug/l	97

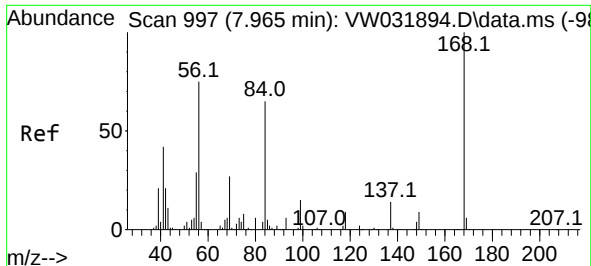
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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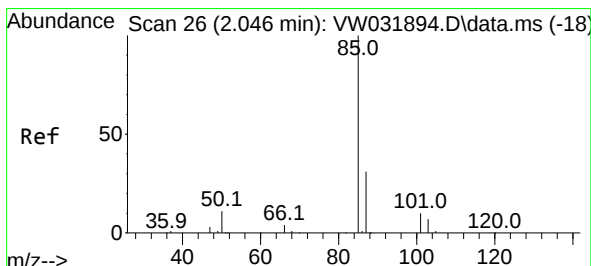
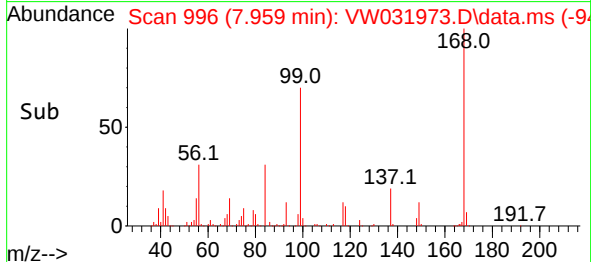
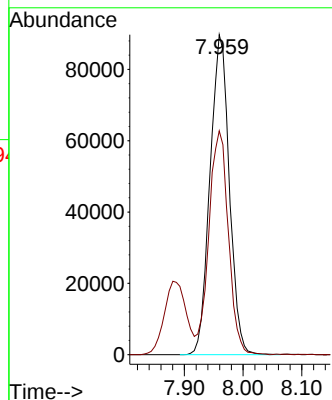
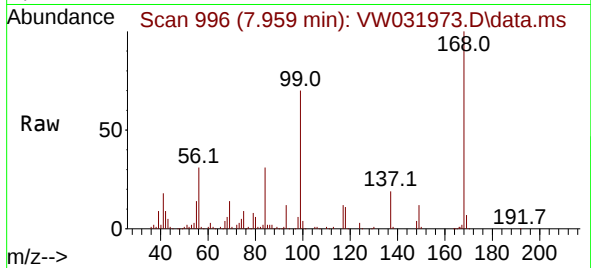
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

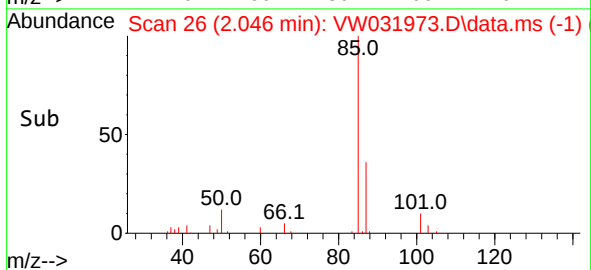
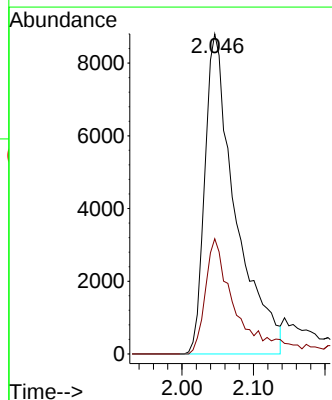
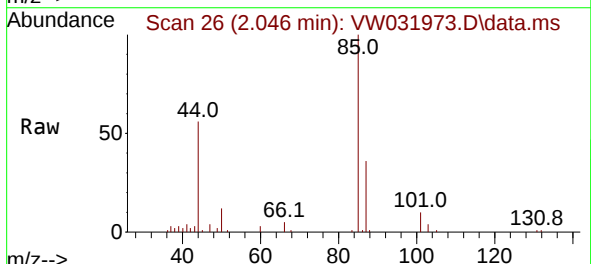
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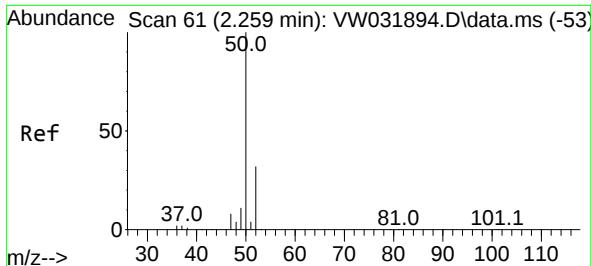
Tgt Ion:168 Resp: 204409
Ion Ratio Lower Upper
168 100
99 69.9 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 17.263 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 85 Resp: 26226
Ion Ratio Lower Upper
85 100
87 36.0 15.5 46.5

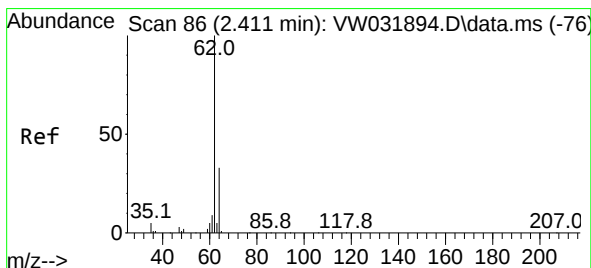
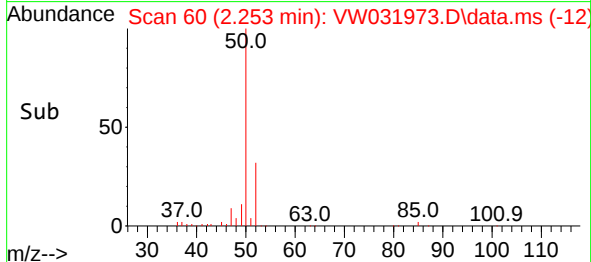
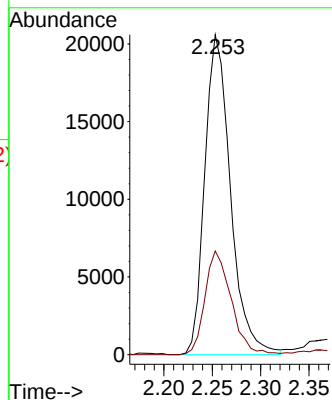
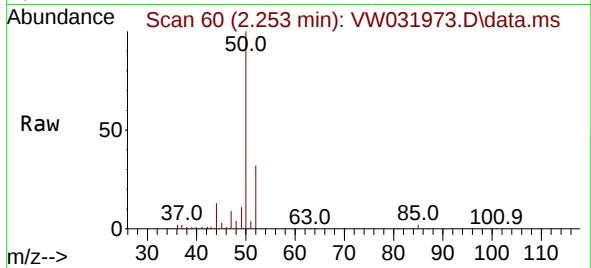




#3
Chloromethane
Concen: 19.565 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

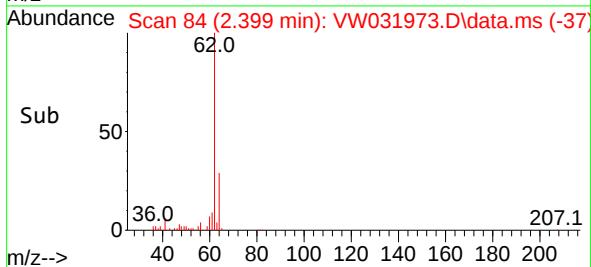
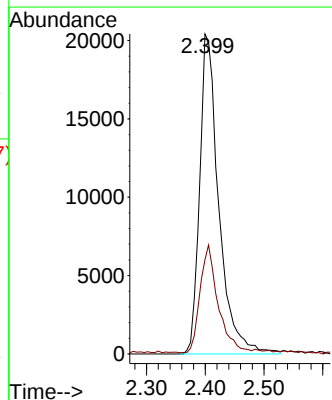
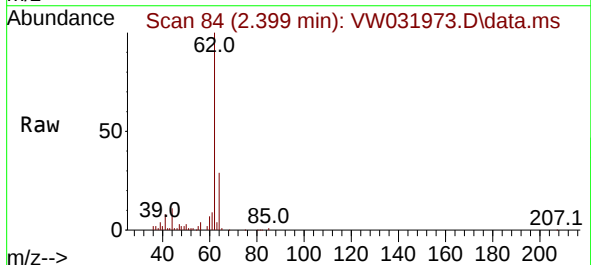
Instrument :
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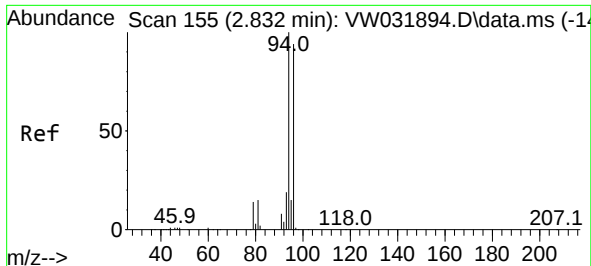
Tgt Ion: 50 Resp: 38150
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5



#4
Vinyl Chloride
Concen: 18.265 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.012 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 62 Resp: 46264
Ion Ratio Lower Upper
62 100
64 29.1 26.2 39.2

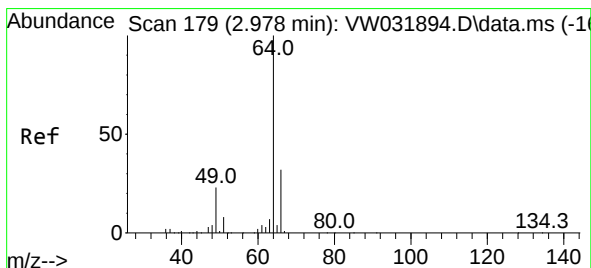
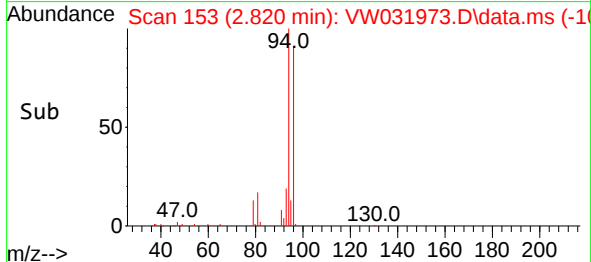
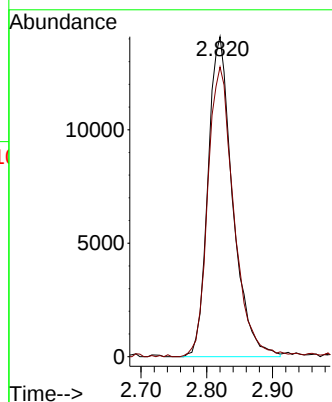
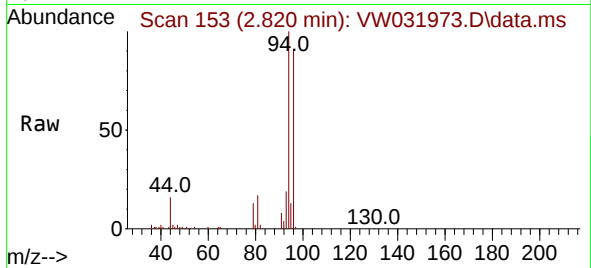




#5
Bromomethane
Concen: 19.723 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

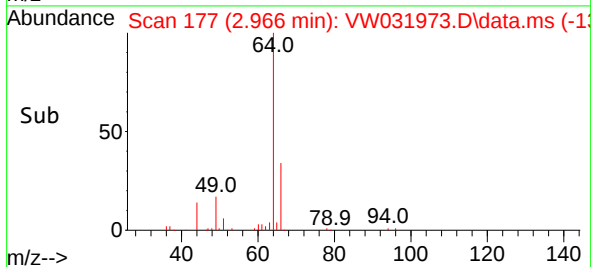
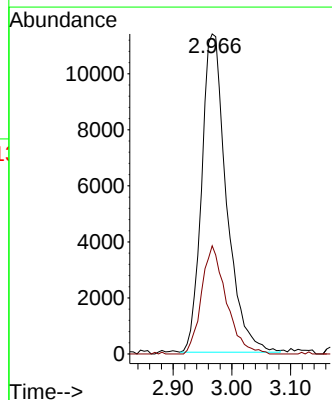
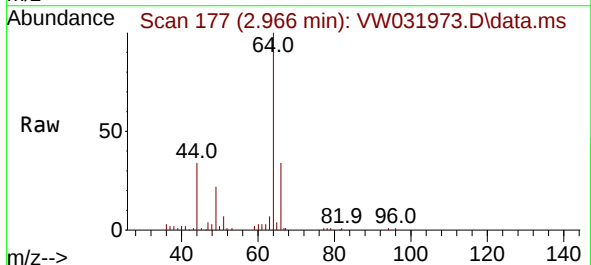
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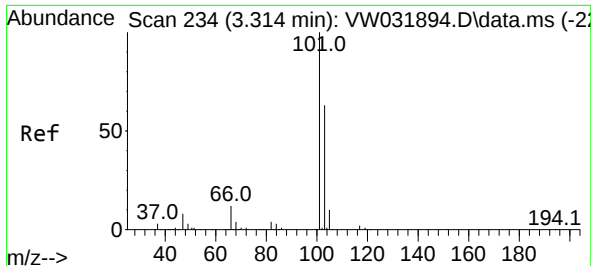
Tgt Ion: 94 Resp: 36788
Ion Ratio Lower Upper
94 100
96 90.6 75.0 112.6



#6
Chloroethane
Concen: 20.004 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031973.D
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Tgt Ion: 64 Resp: 33442
Ion Ratio Lower Upper
64 100
66 34.0 25.6 38.4

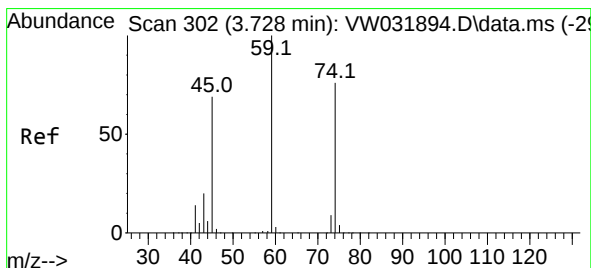
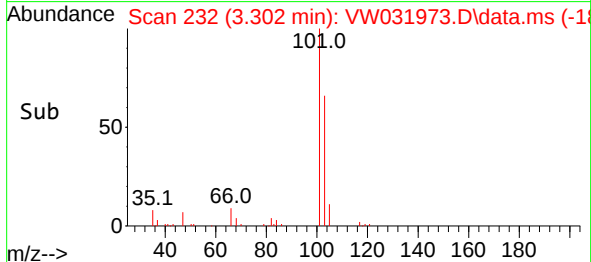
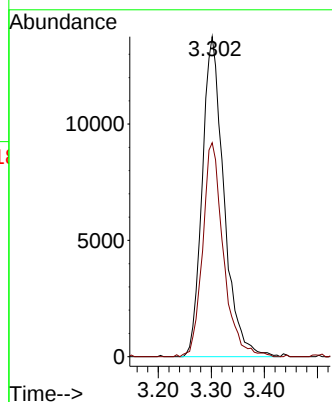
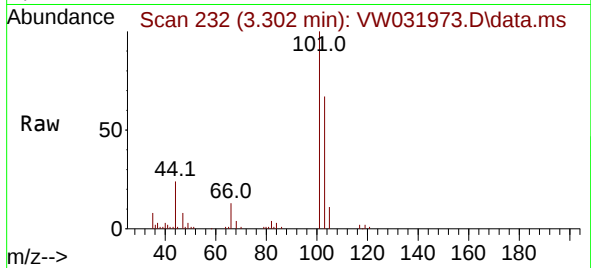




#7
 Trichlorofluoromethane
 Concen: 15.252 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

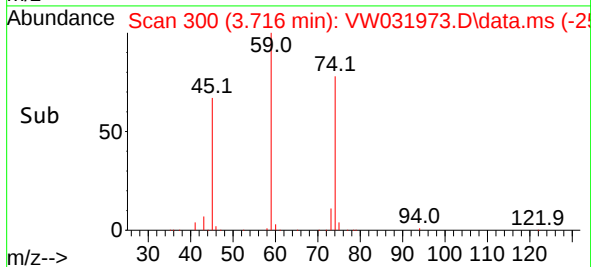
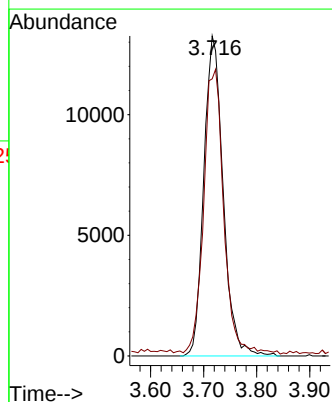
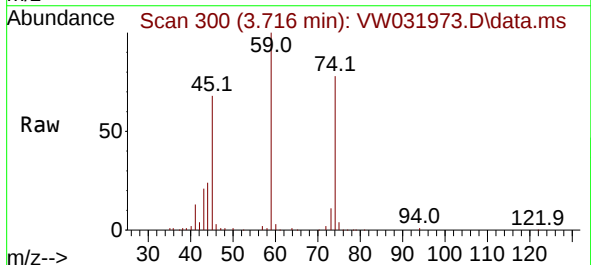
Instrument :
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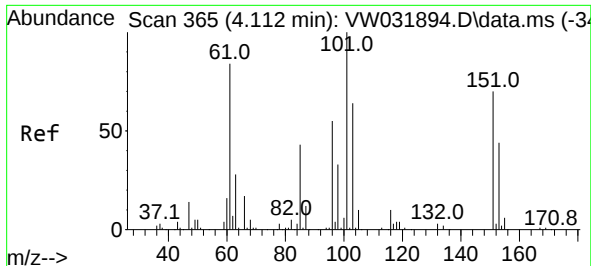
Tgt Ion:101 Resp: 39130
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.580 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

Tgt Ion: 74 Resp: 33556
 Ion Ratio Lower Upper
 74 100
 45 92.0 45.5 136.5

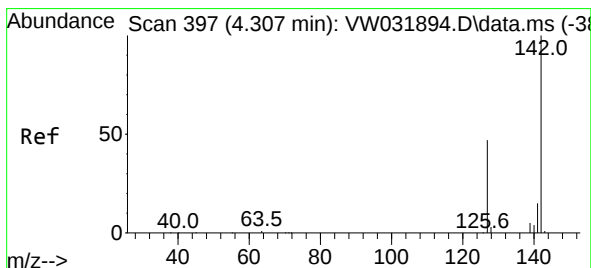
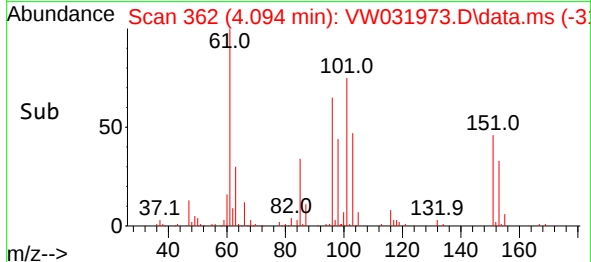
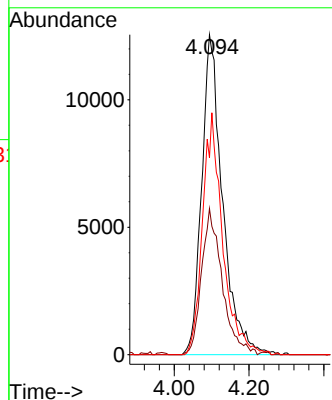
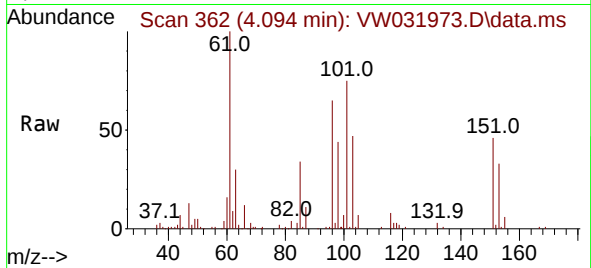




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.741 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.018 min
Lab File: VW031973.D
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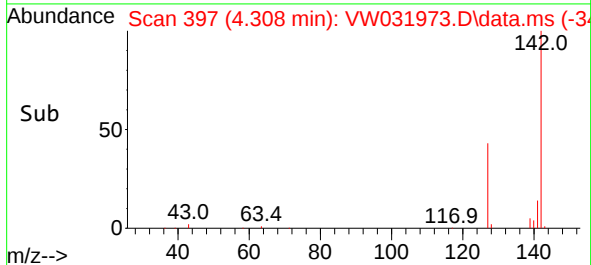
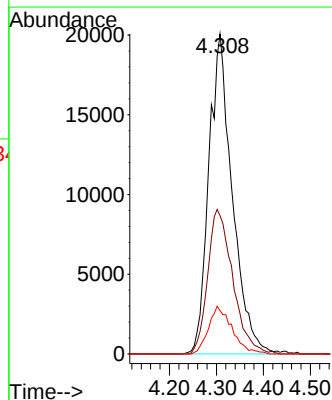
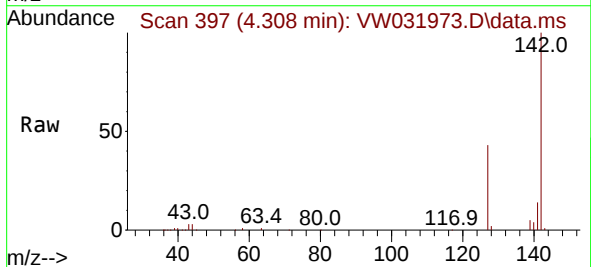
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

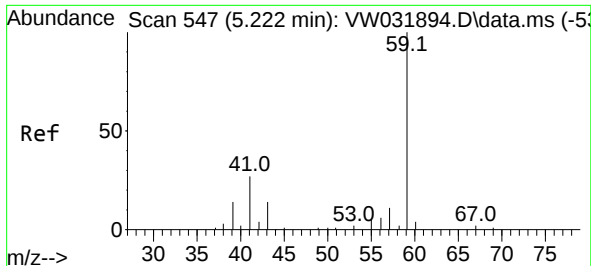
Tgt Ion:101 Resp: 48715
Ion Ratio Lower Upper
101 100
85 45.1 35.5 53.3
151 72.7 54.6 81.8



#10
Methyl Iodide
Concen: 18.853 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:142 Resp: 69558
Ion Ratio Lower Upper
142 100
127 48.2 37.4 56.2
141 15.0 11.9 17.9

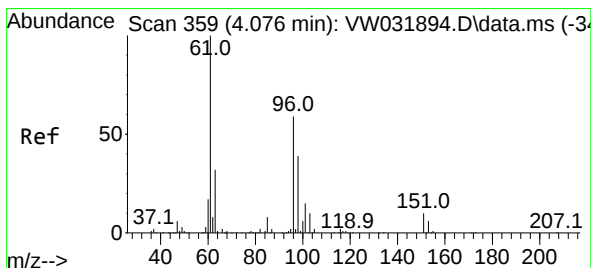
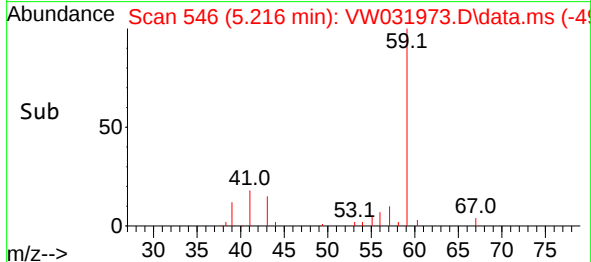
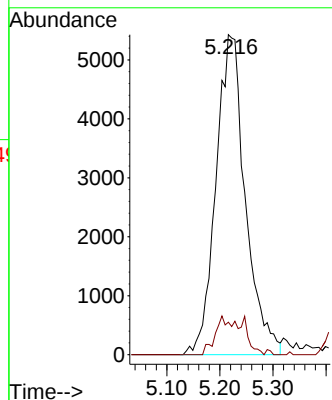
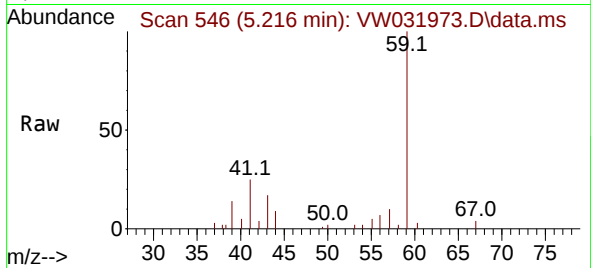




#11
Tert butyl alcohol
Concen: 115.046 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

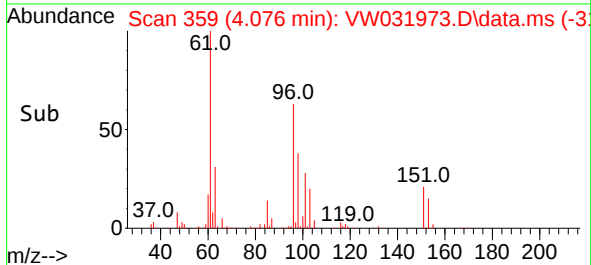
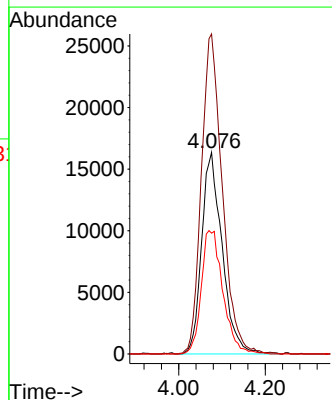
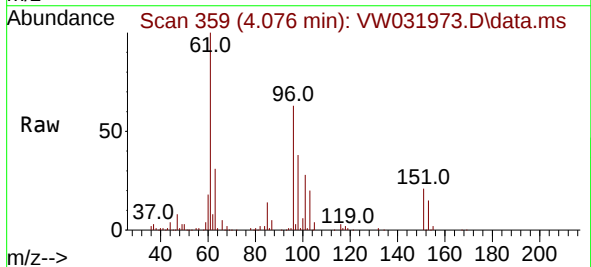
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Tgt Ion: 59 Resp: 20911
Ion Ratio Lower Upper
59 100
57 8.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 19.737 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 96 Resp: 53794
Ion Ratio Lower Upper
96 100
61 158.8 135.0 202.6
98 59.9 52.3 78.5

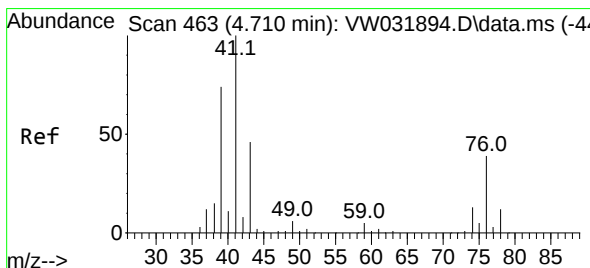
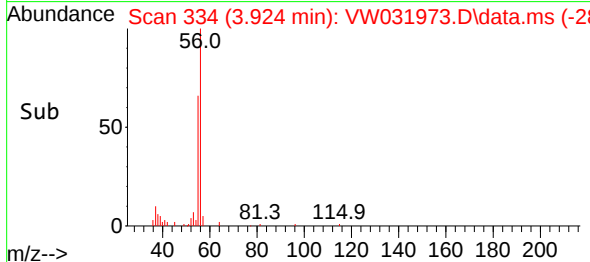
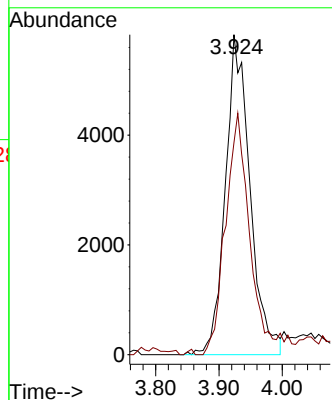
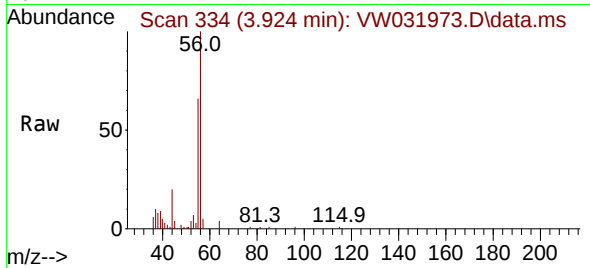




#13
Acrolein
Concen: 54.663 ug/l
RT: 3.924 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

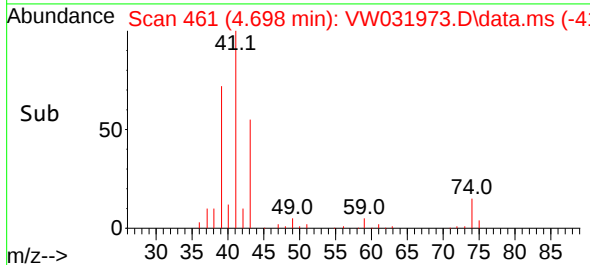
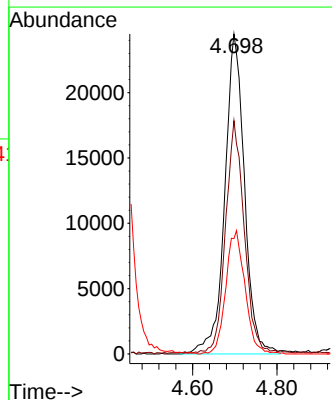
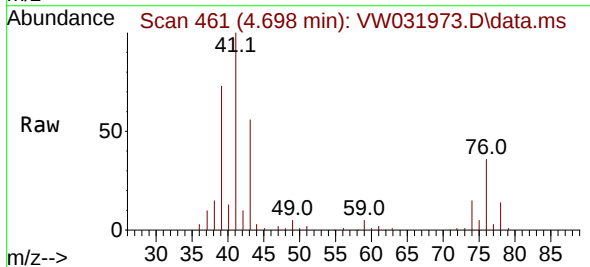
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

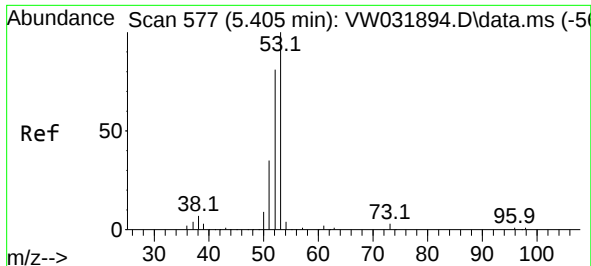
Tgt Ion: 56 Resp: 15768
Ion Ratio Lower Upper
56 100
55 73.3 56.7 85.1



#14
Allyl chloride
Concen: 18.710 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 41 Resp: 79388
Ion Ratio Lower Upper
41 100
39 68.7 56.6 85.0
76 37.6 30.1 45.1

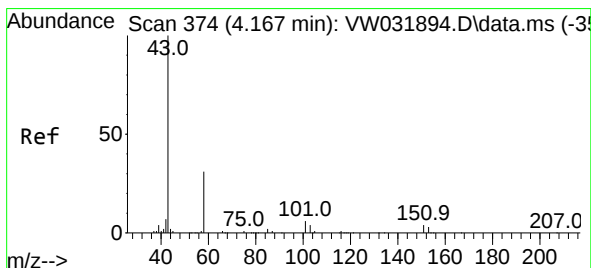
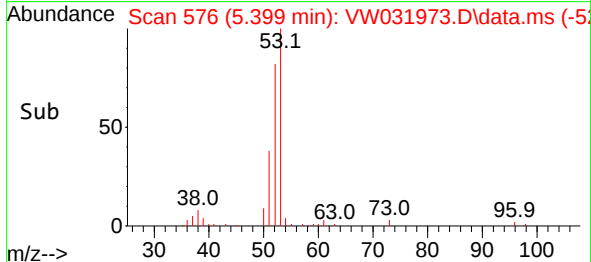
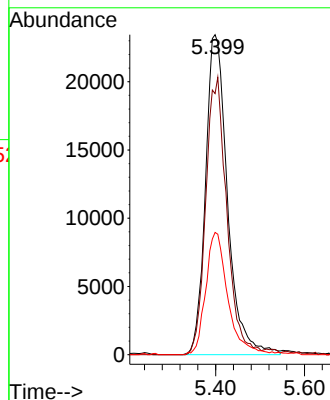
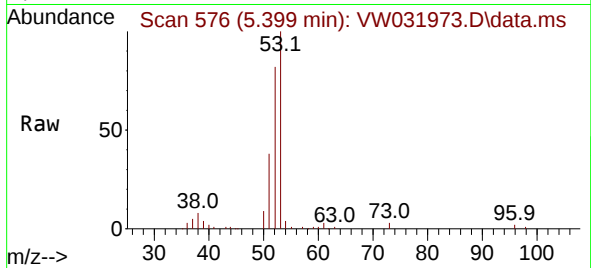




#15
Acrylonitrile
Concen: 105.526 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

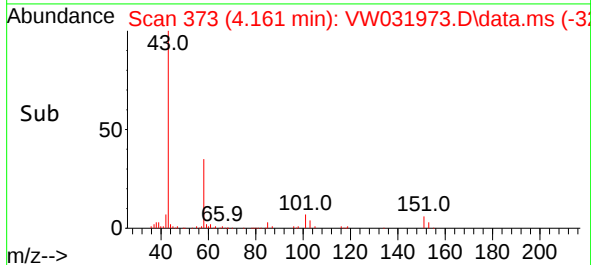
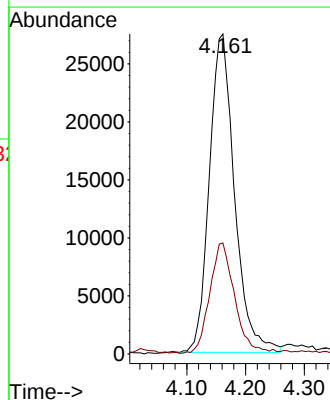
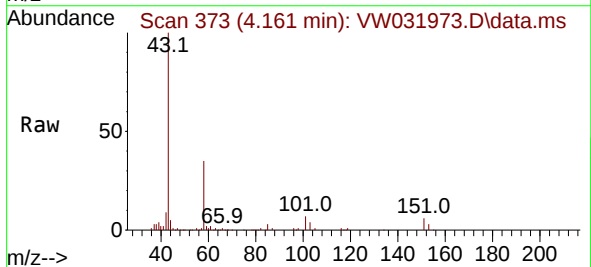
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

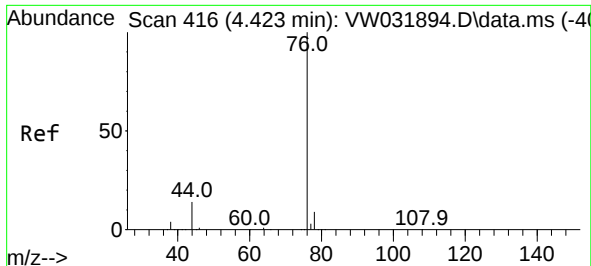
Tgt Ion:	53	Resp:	80852
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	38.3	29.9	44.9



#16
Acetone
Concen: 111.611 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:	43	Resp:	81896
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.5	38.3

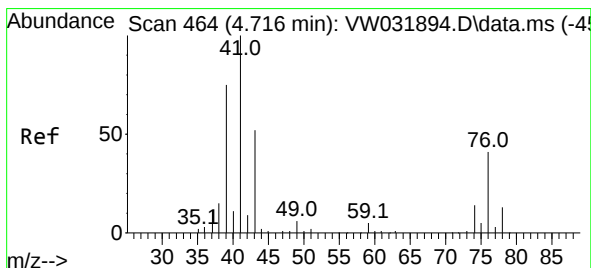
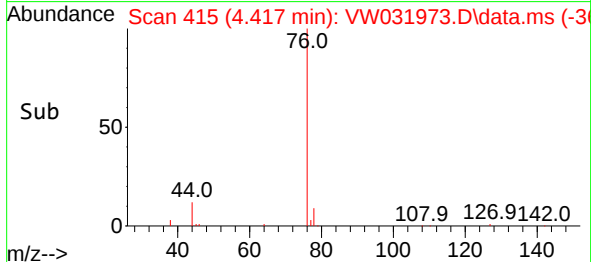
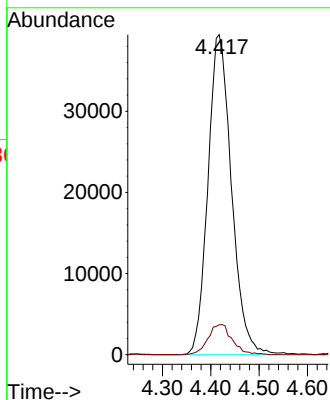
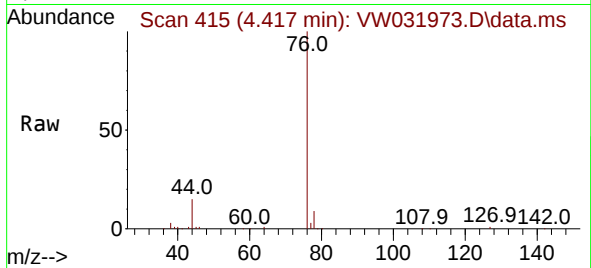




#17
Carbon Disulfide
Concen: 18.858 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

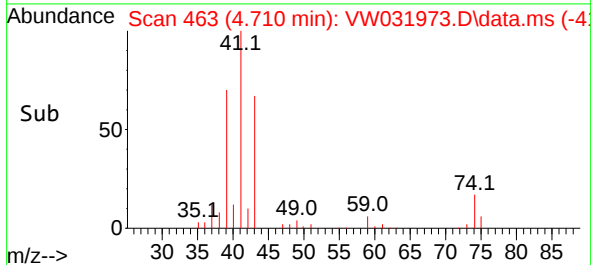
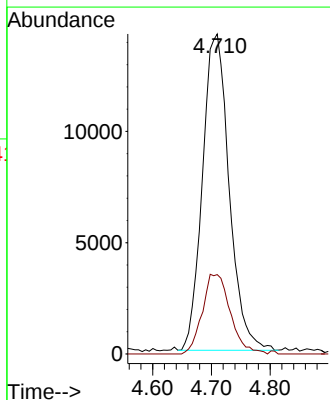
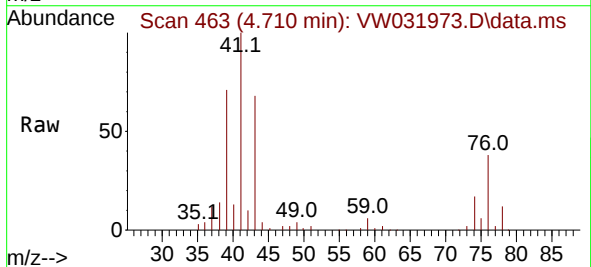
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

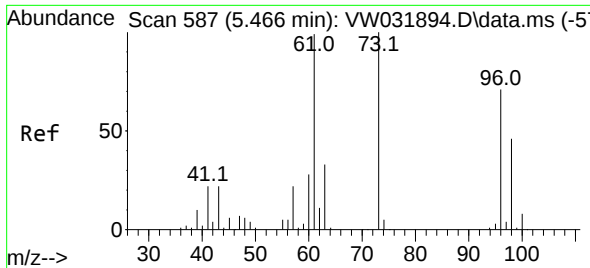
Tgt Ion: 76 Resp: 133303
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 22.192 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 43 Resp: 44863
Ion Ratio Lower Upper
43 100
74 26.4 20.6 31.0

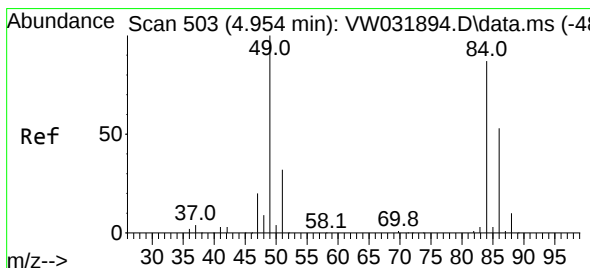
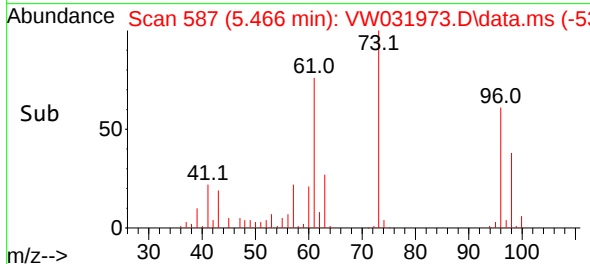
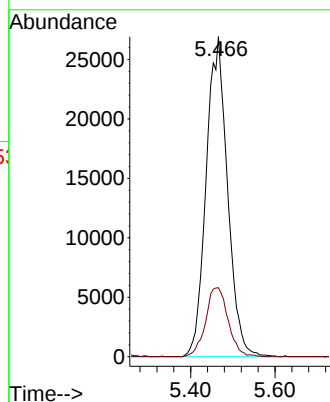
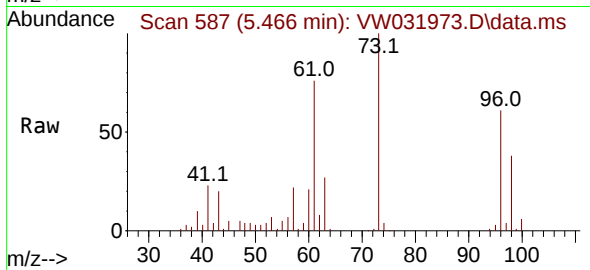




#19
Methyl tert-butyl Ether
Concen: 20.126 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

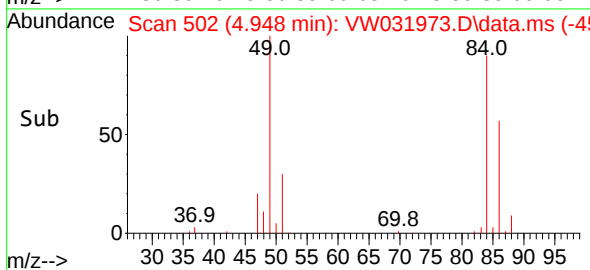
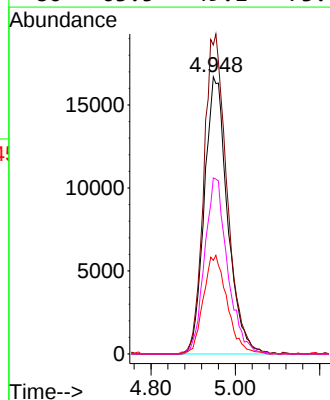
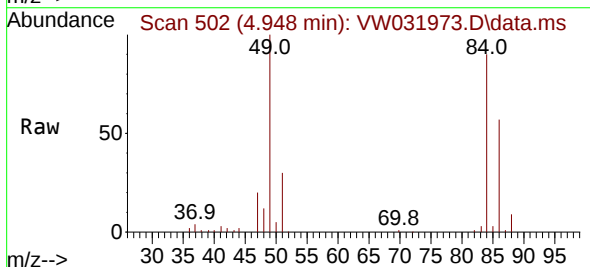
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

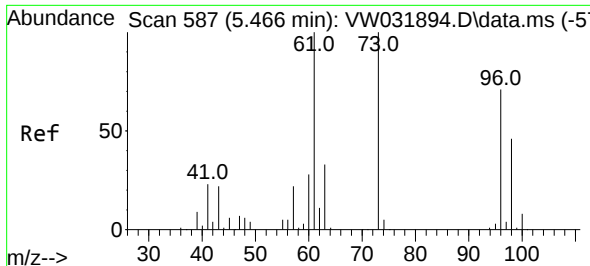
Tgt Ion: 73 Resp: 94780
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 17.313 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 84 Resp: 63884
Ion Ratio Lower Upper
84 100
49 111.5 91.9 137.9
51 33.8 29.0 43.6
86 63.5 49.1 73.7

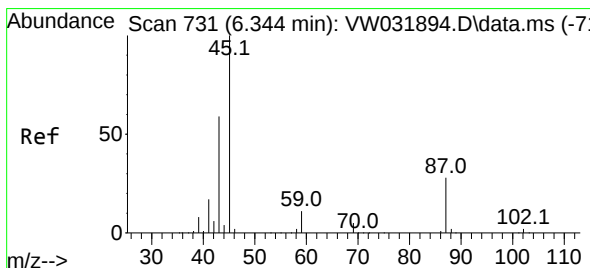
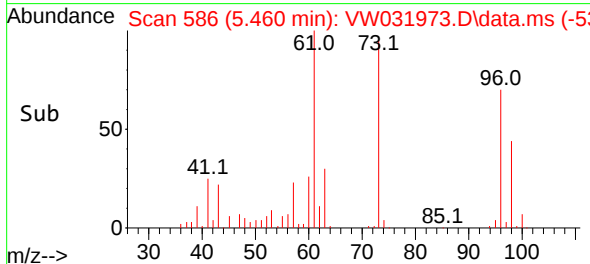
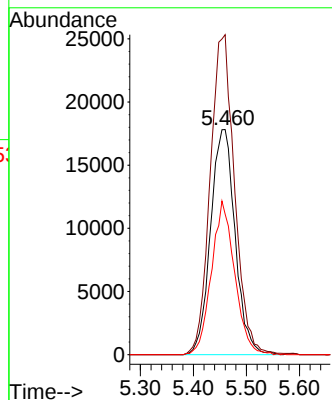
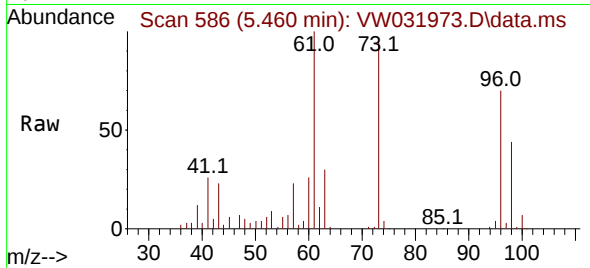




#21
trans-1,2-Dichloroethene
Concen: 19.828 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

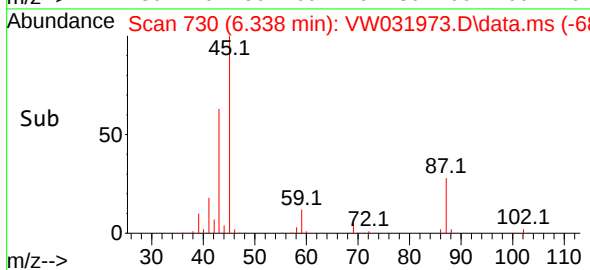
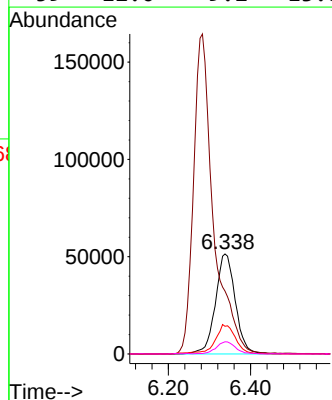
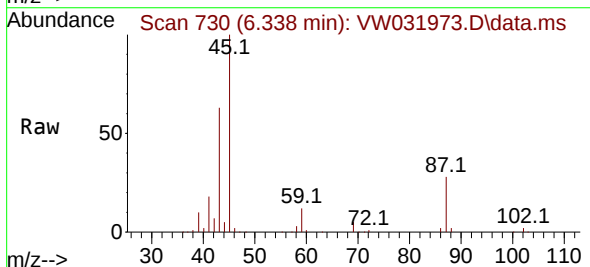
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

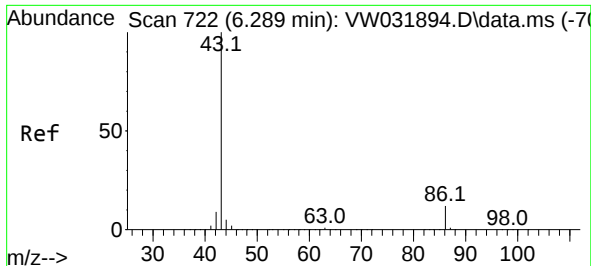
Tgt Ion: 96 Resp: 57339
Ion Ratio Lower Upper
96 100
61 142.2 112.8 169.2
98 62.4 51.9 77.9



#22
Diisopropyl ether
Concen: 20.314 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 45 Resp: 172471
Ion Ratio Lower Upper
45 100
43 62.1 47.0 70.6
87 27.7 22.8 34.2
59 12.0 9.2 13.8

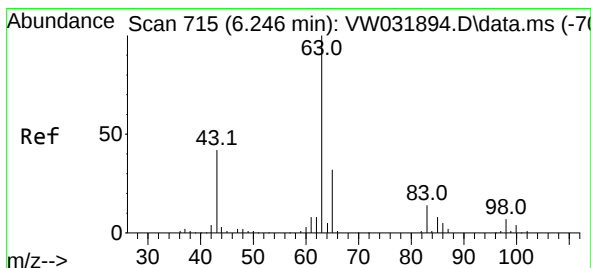
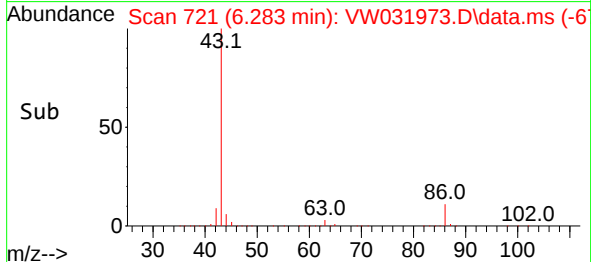
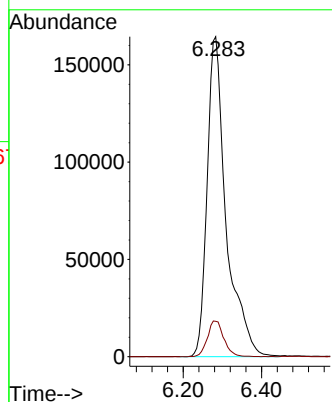
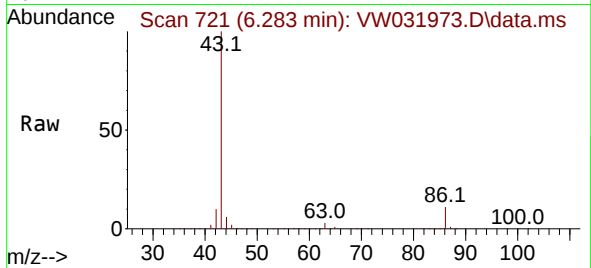




#23
 Vinyl Acetate
 Concen: 99.891 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

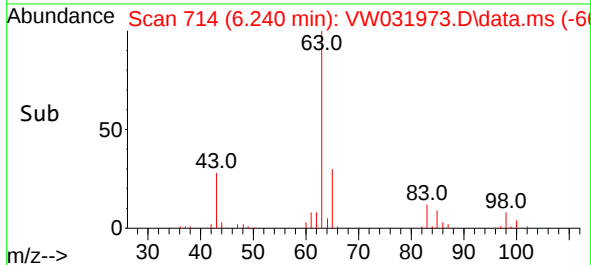
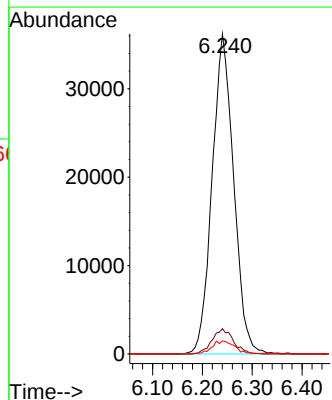
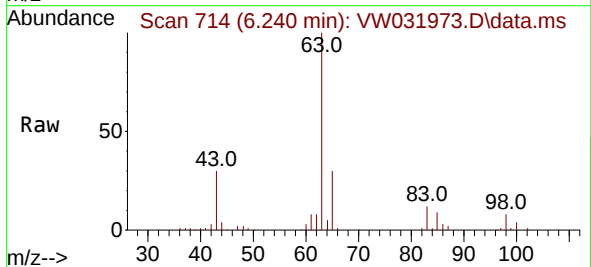
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBS01

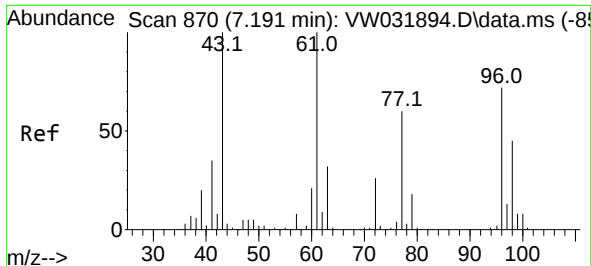
Tgt Ion: 43 Resp: 554073
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 20.529 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

Tgt Ion: 63 Resp: 108517
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 111.625 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

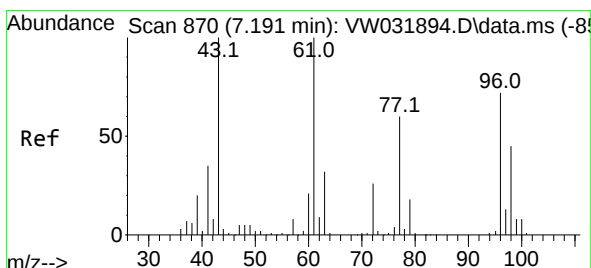
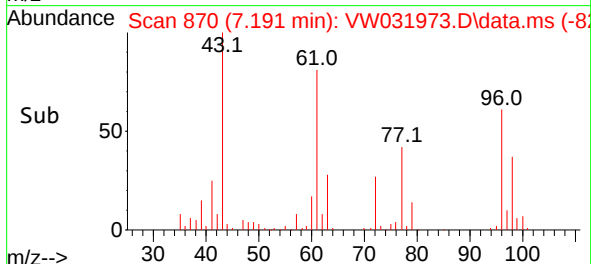
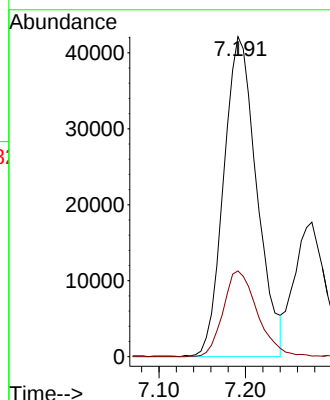
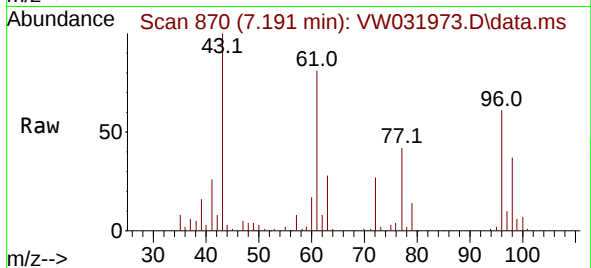
VW0801SBS01

Tgt Ion: 43 Resp: 112066

Ion Ratio Lower Upper

43 100

72 26.8 20.8 31.2



#26

2,2-Dichloropropane

Concen: 18.426 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031973.D

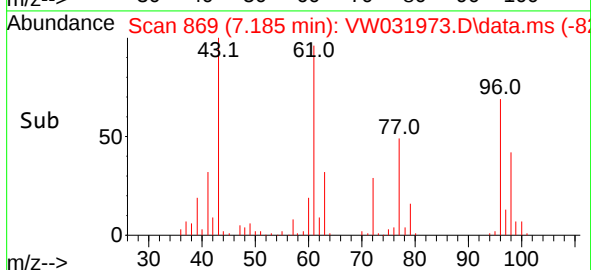
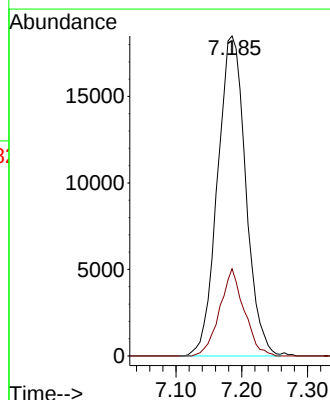
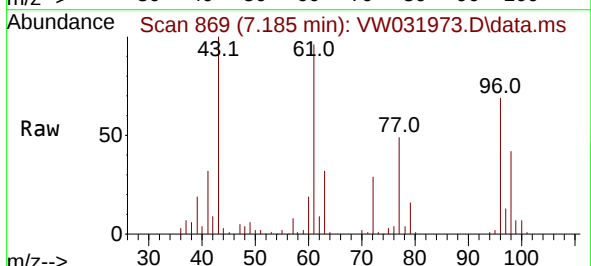
Acq: 01 Aug 2025 09:49

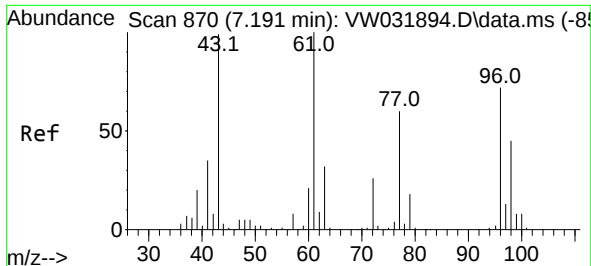
Tgt Ion: 77 Resp: 55144

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.217 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

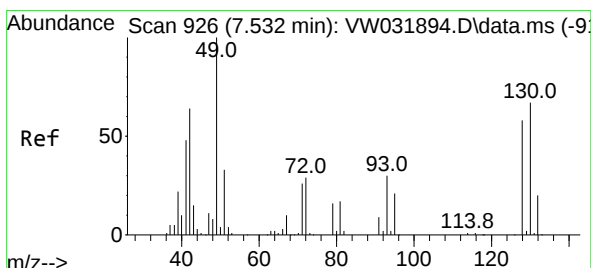
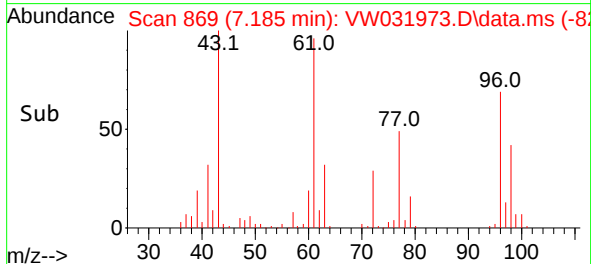
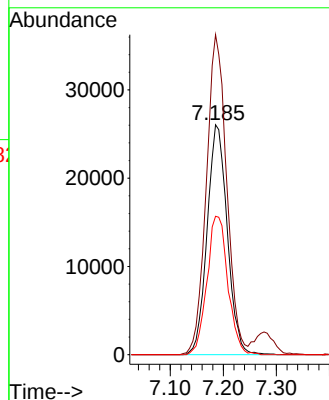
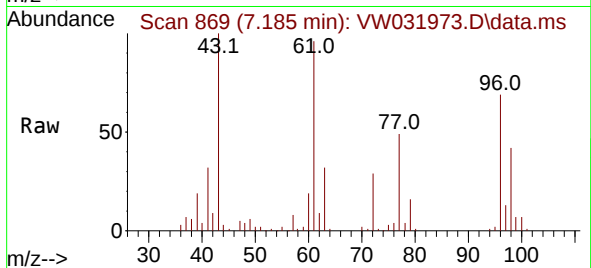
Tgt Ion: 96 Resp: 68734

Ion Ratio Lower Upper

96 100

61 140.4 0.0 280.2

98 62.5 0.0 126.8



#28

Bromochloromethane

Concen: 20.050 ug/l

RT: 7.527 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

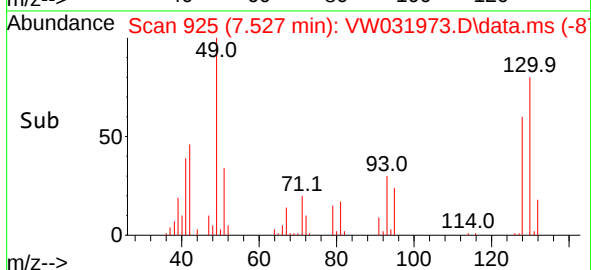
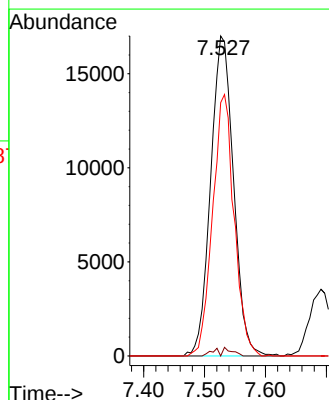
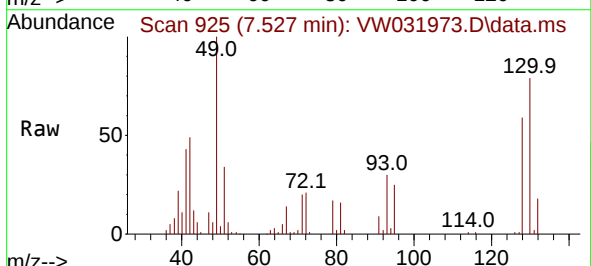
Tgt Ion: 49 Resp: 44375

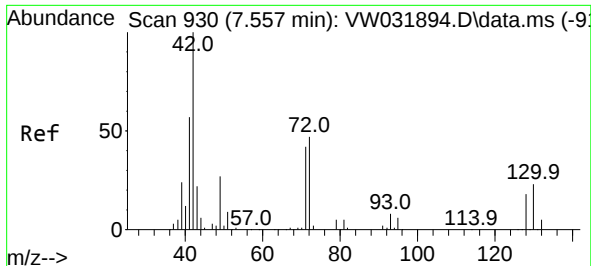
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.4

130 0.0 59.0 88.4





#29

Tetrahydrofuran

Concen: 105.474 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

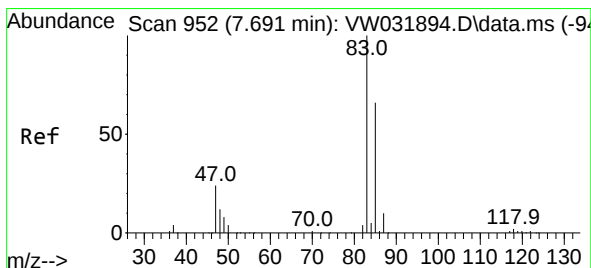
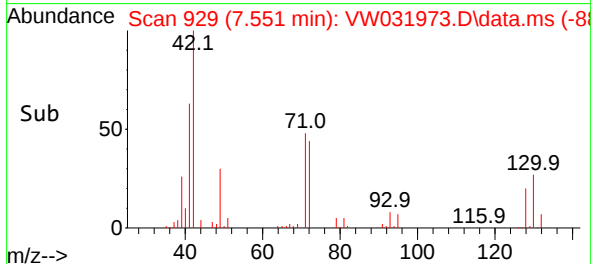
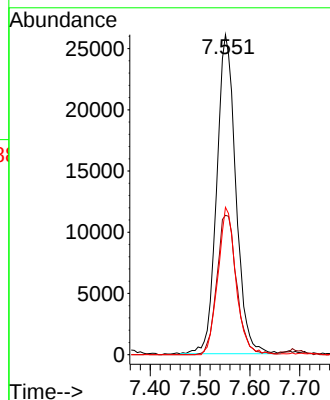
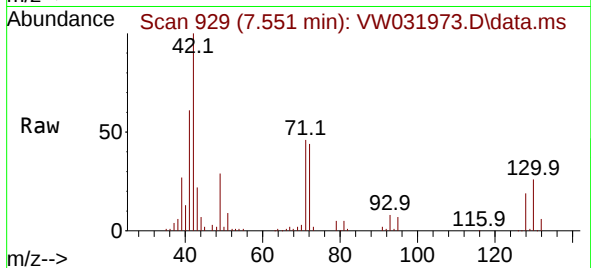
Tgt Ion: 42 Resp: 69425

Ion Ratio Lower Upper

42 100

72 45.2 37.0 55.6

71 43.7 34.5 51.7



#30

Chloroform

Concen: 21.214 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031973.D

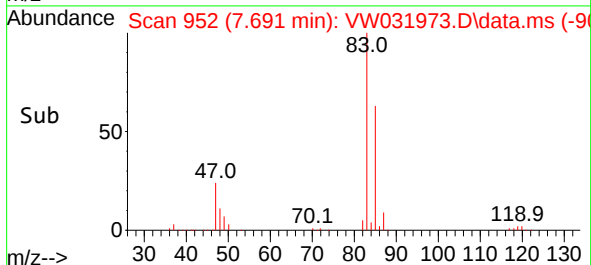
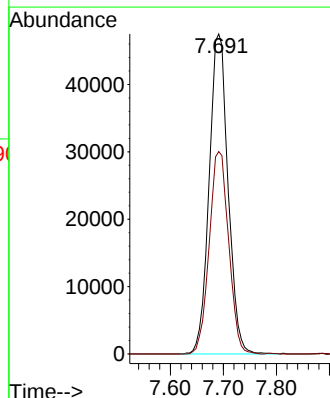
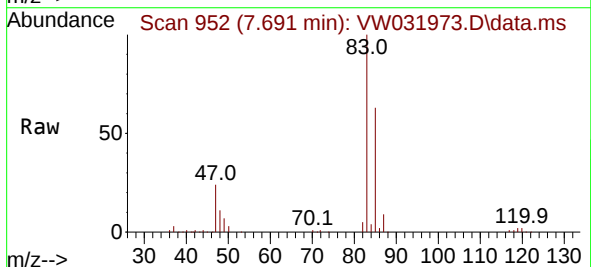
Acq: 01 Aug 2025 09:49

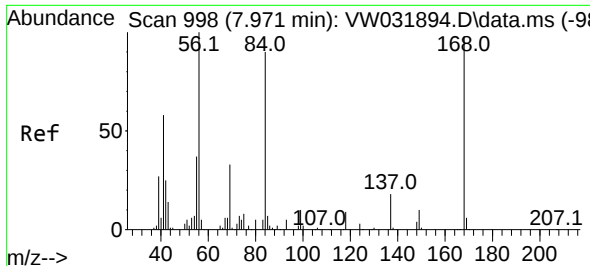
Tgt Ion: 83 Resp: 117578

Ion Ratio Lower Upper

83 100

85 63.2 52.6 78.8

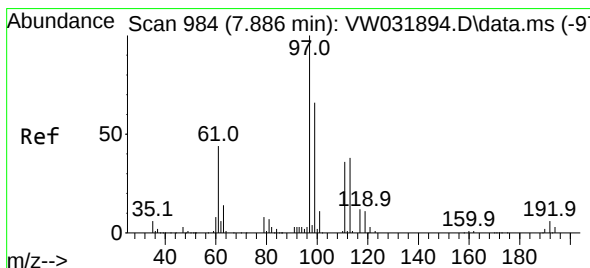
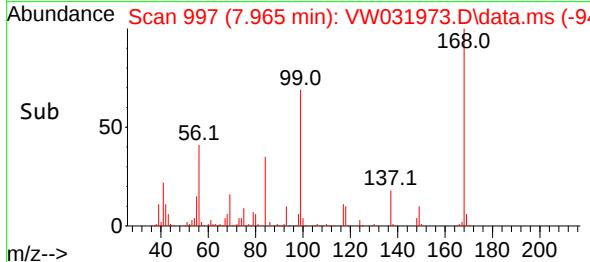
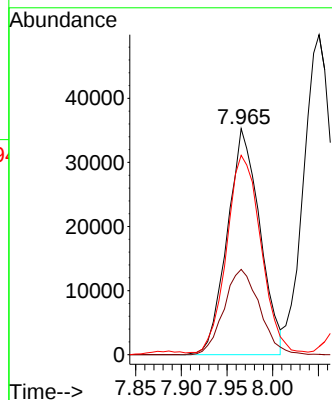
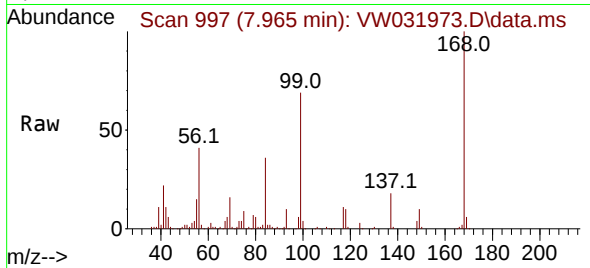




#31
Cyclohexane
Concen: 18.432 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

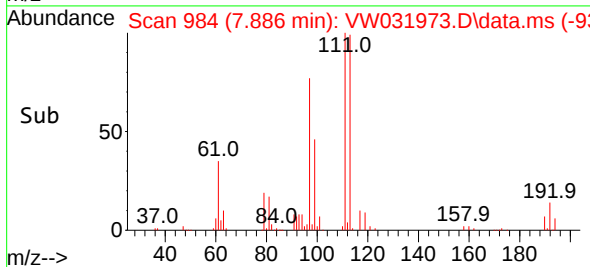
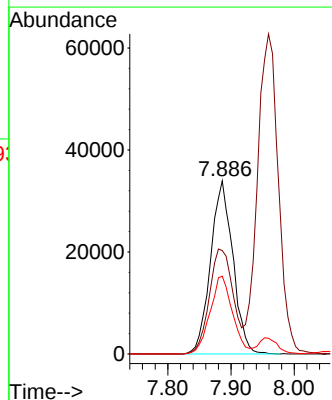
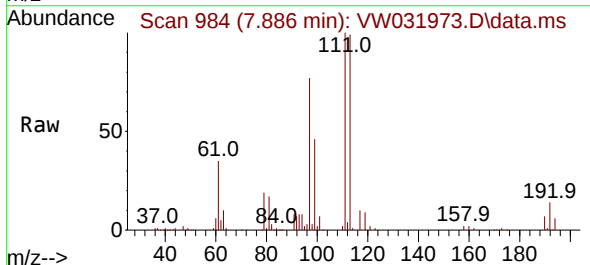
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

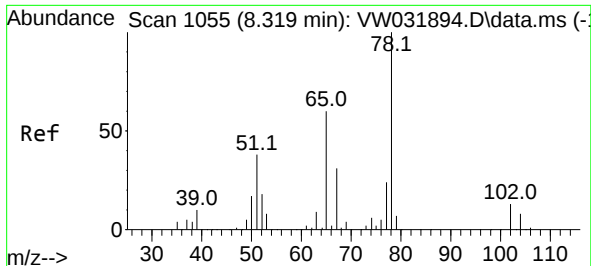
Tgt Ion: 56 Resp: 87414
Ion Ratio Lower Upper
56 100
69 37.7 26.7 40.1
84 86.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.736 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 97 Resp: 83238
Ion Ratio Lower Upper
97 100
99 64.4 53.0 79.4
61 45.1 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 52.383 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

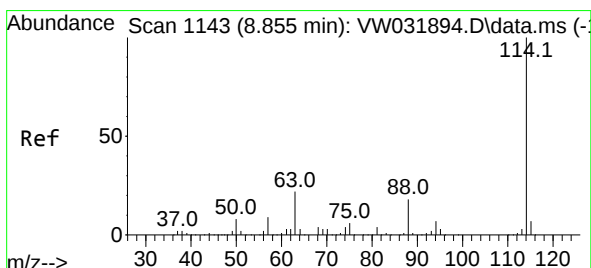
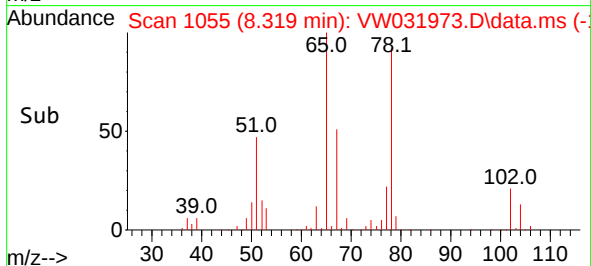
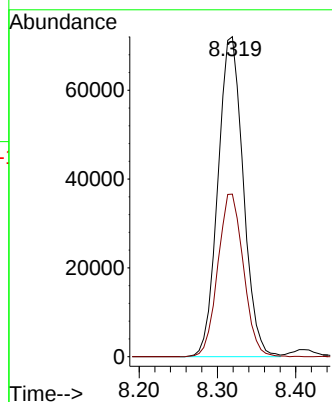
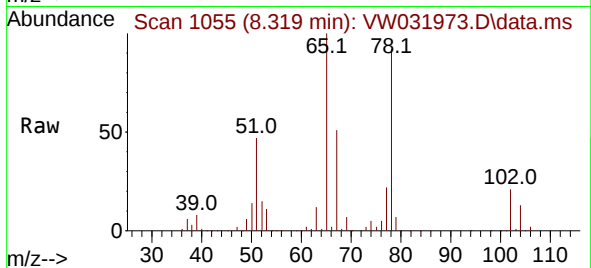
VW0801SBS01

Tgt Ion: 65 Resp: 161977

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

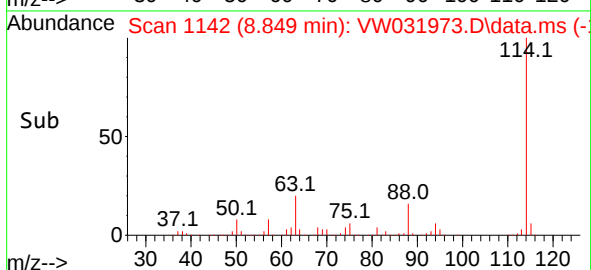
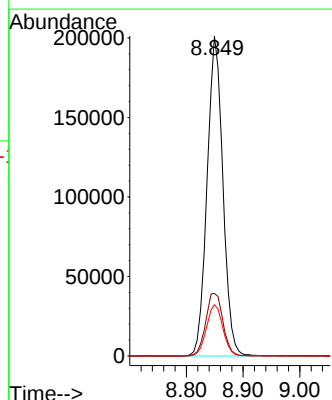
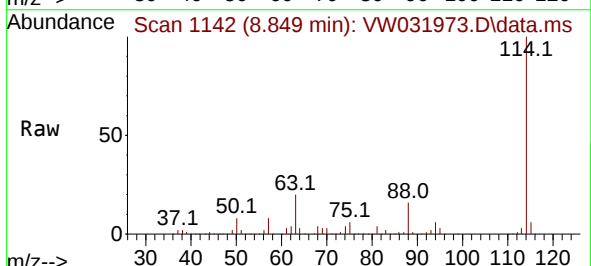
Tgt Ion: 114 Resp: 389040

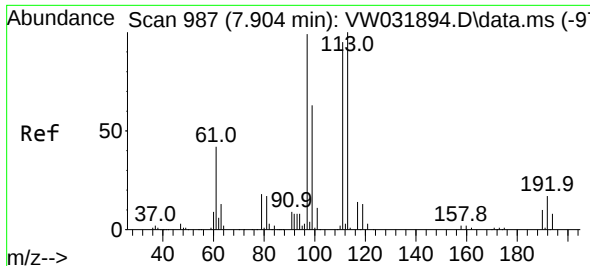
Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.2

88 15.9 0.0 35.6

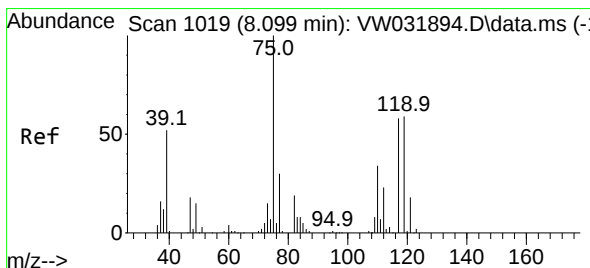
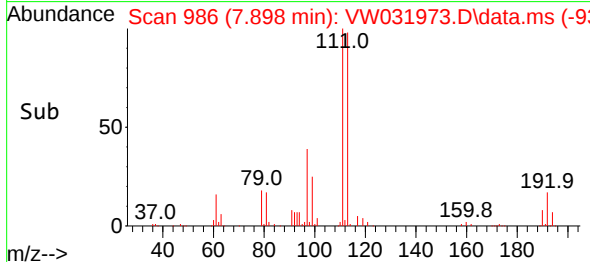
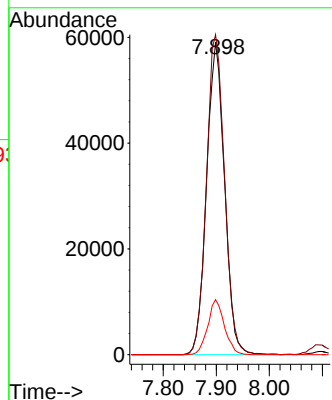
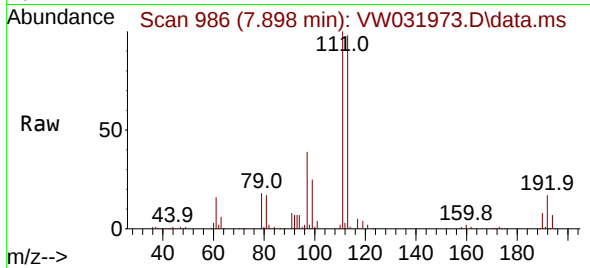




#35
Dibromofluoromethane
Concen: 52.553 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

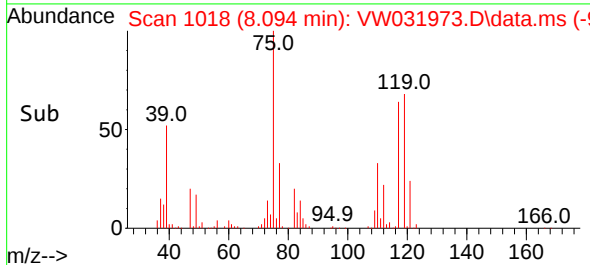
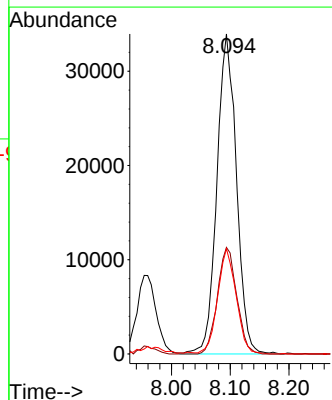
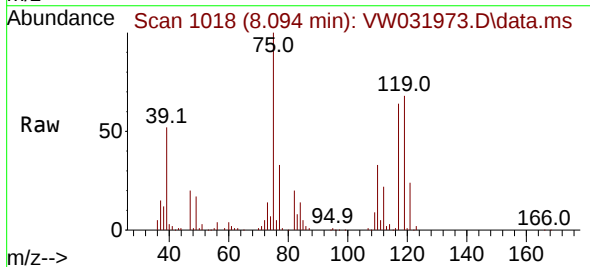
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

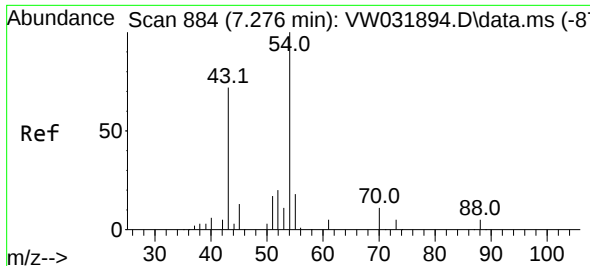
Tgt Ion:113 Resp: 138929
Ion Ratio Lower Upper
113 100
111 103.3 79.9 119.9
192 16.4 12.6 19.0



#36
1,1-Dichloropropene
Concen: 19.312 ug/l
RT: 8.094 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 75 Resp: 78401
Ion Ratio Lower Upper
75 100
110 33.0 17.0 50.9
77 31.2 25.1 37.7

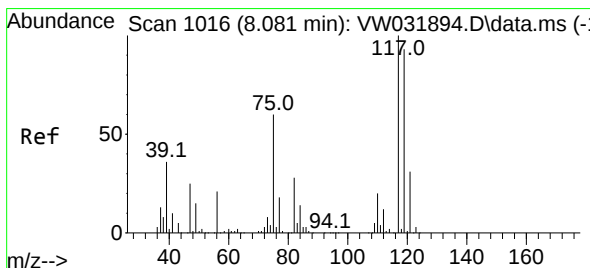
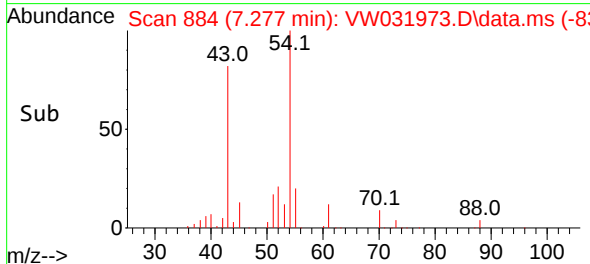
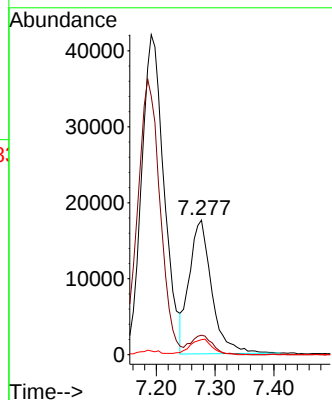
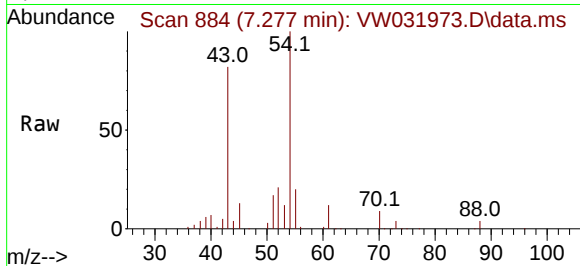




#37
Ethyl Acetate
Concen: 20.154 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

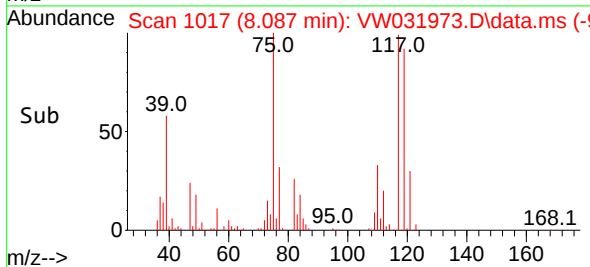
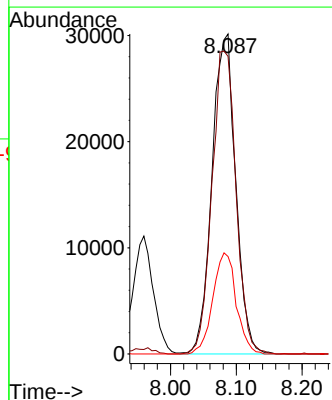
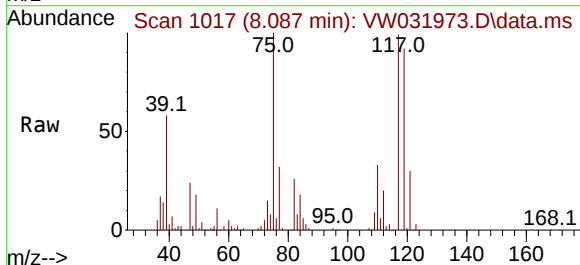
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

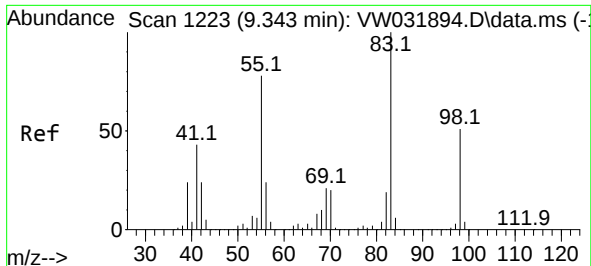
Tgt Ion: 43 Resp: 46676
Ion Ratio Lower Upper
43 100
61 14.3 10.6 15.8
70 11.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.401 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 117 Resp: 75591
Ion Ratio Lower Upper
117 100
119 93.0 74.3 111.5
121 30.5 24.6 37.0





#39

Methylcyclohexane

Concen: 18.151 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

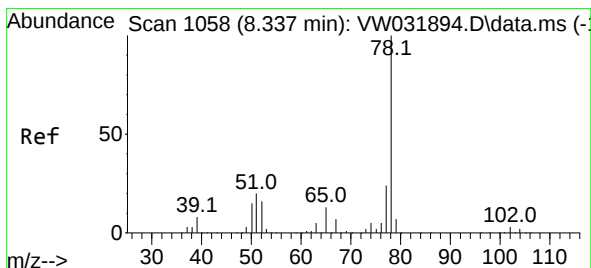
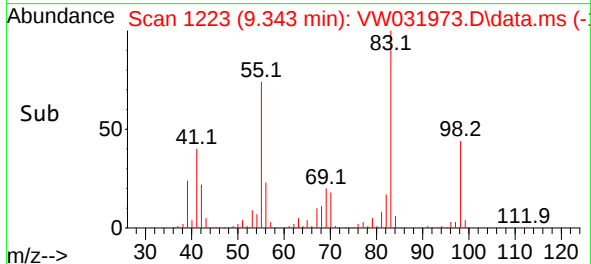
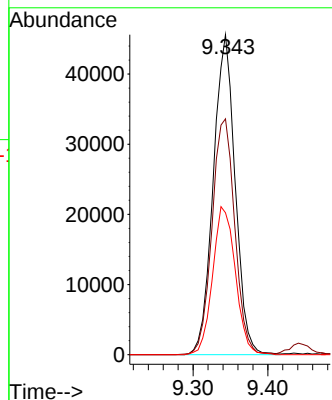
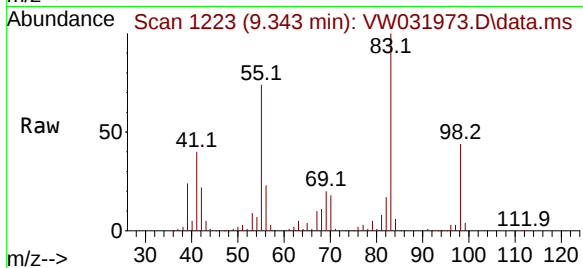
Tgt Ion: 83 Resp: 92733

Ion Ratio Lower Upper

83 100

55 73.6 62.5 93.7

98 44.4 40.6 61.0



#40

Benzene

Concen: 20.069 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031973.D

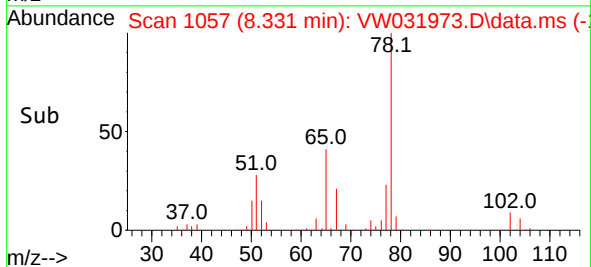
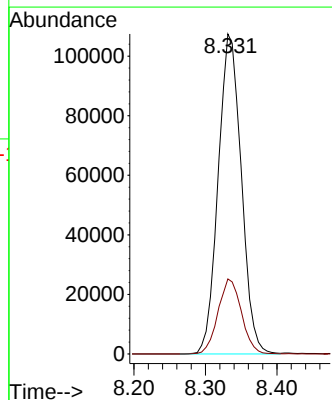
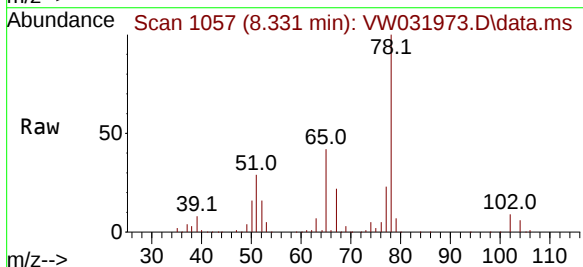
Acq: 01 Aug 2025 09:49

Tgt Ion: 78 Resp: 241183

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

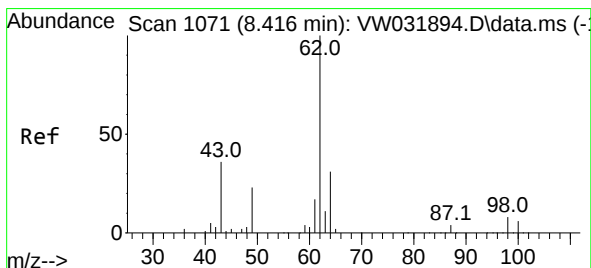
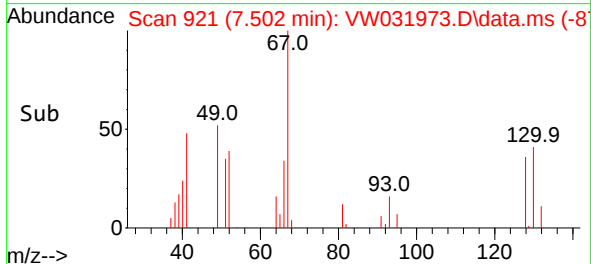
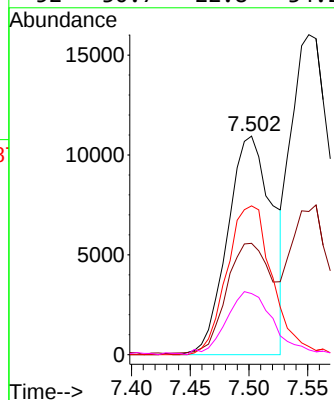
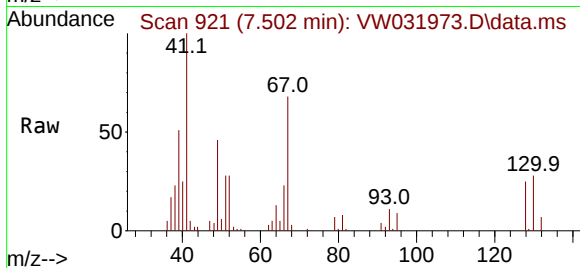




#41
Methacrylonitrile
Concen: 21.077 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

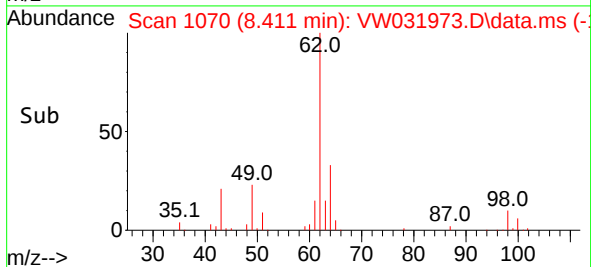
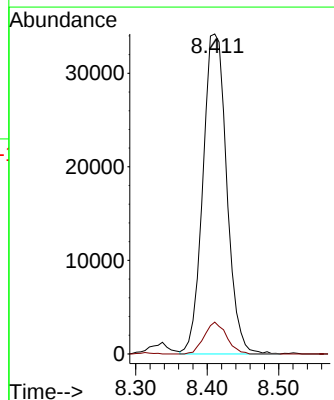
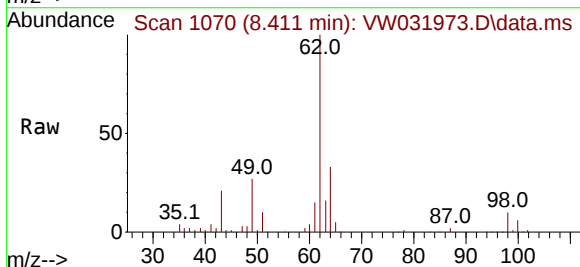
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

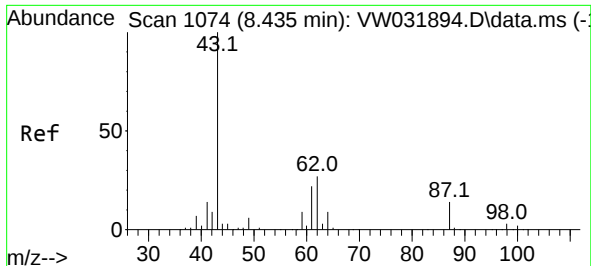
Tgt Ion:	41	Resp:	29220
Ion	Ratio	Lower	Upper
41	100		
39	47.4	41.1	61.7
67	68.9	56.2	84.4
52	30.7	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.598 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:	62	Resp:	79225
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

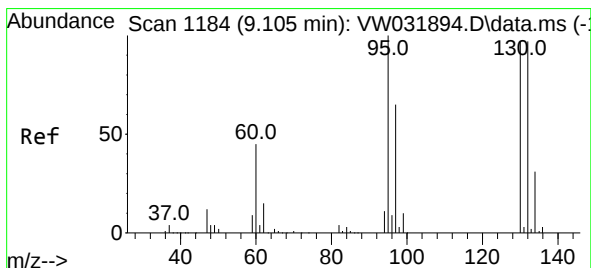
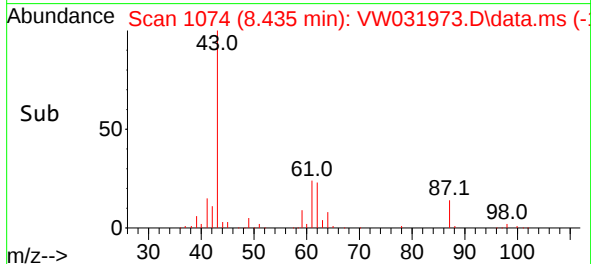
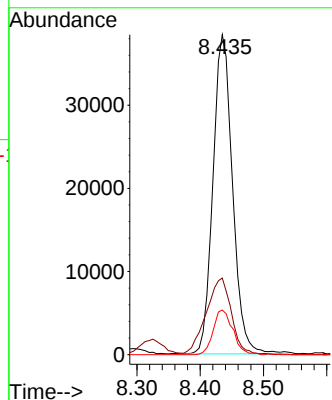
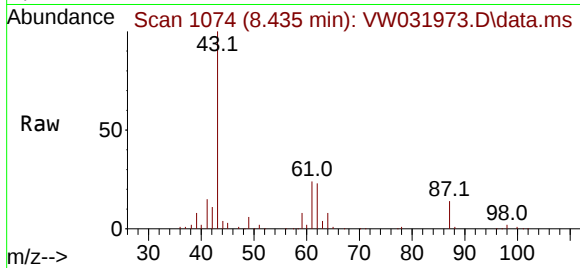




#43
Isopropyl Acetate
Concen: 19.692 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

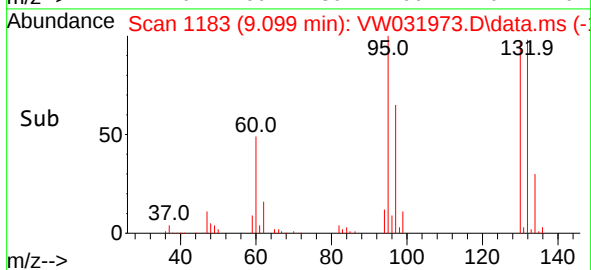
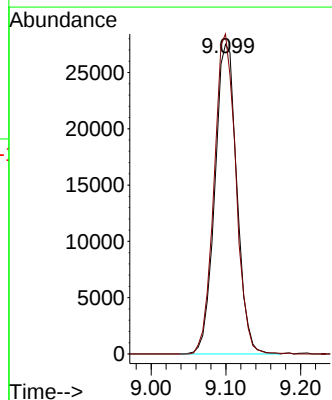
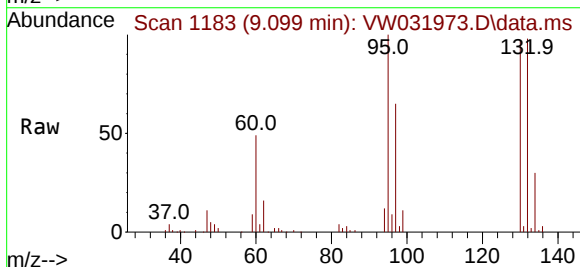
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

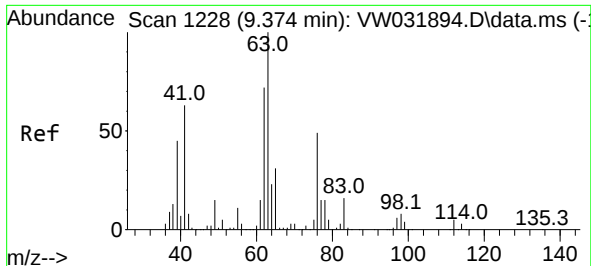
Tgt Ion: 43 Resp: 82562
Ion Ratio Lower Upper
43 100
61 30.9 24.0 36.0
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 19.693 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 130 Resp: 56255
Ion Ratio Lower Upper
130 100
95 103.3 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.647 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

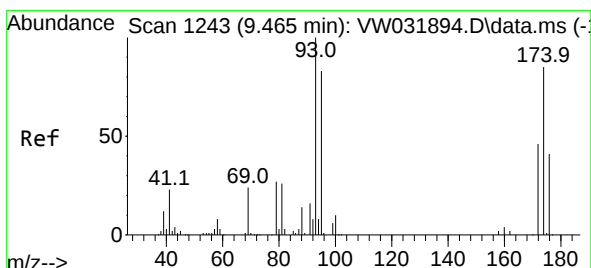
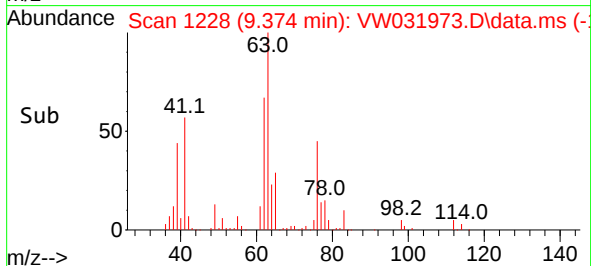
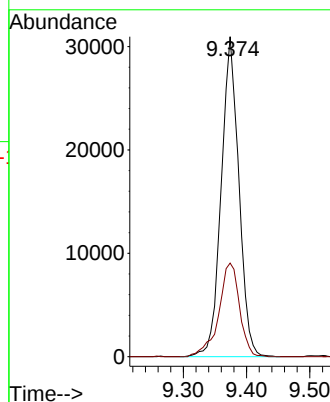
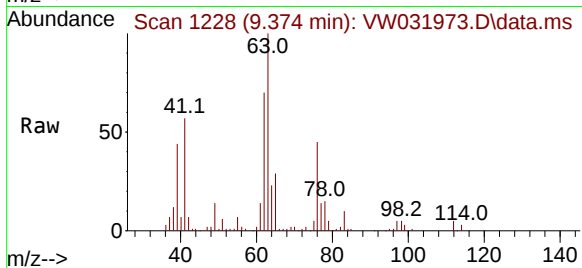
VW0801SBS01

Tgt Ion: 63 Resp: 59759

Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.4



#46

Dibromomethane

Concen: 20.578 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

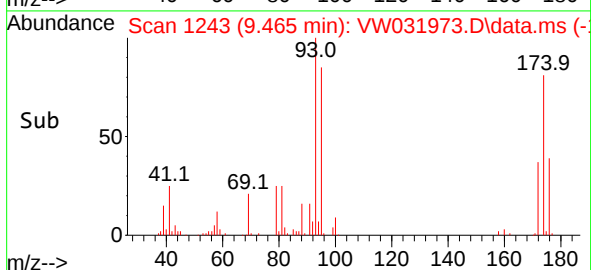
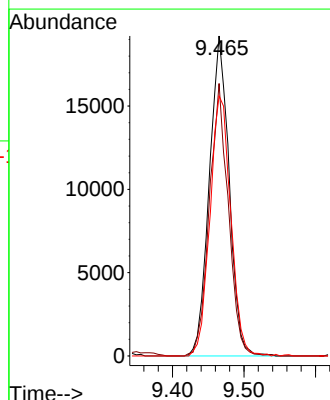
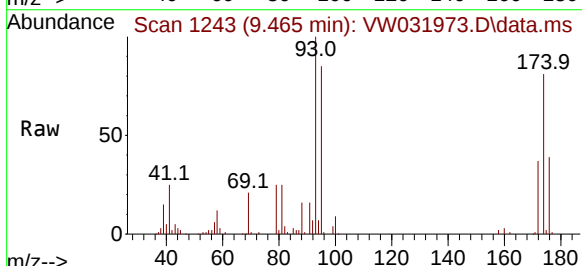
Tgt Ion: 93 Resp: 36920

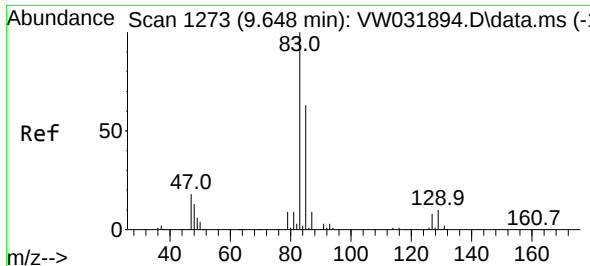
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.6

174 85.5 70.2 105.2

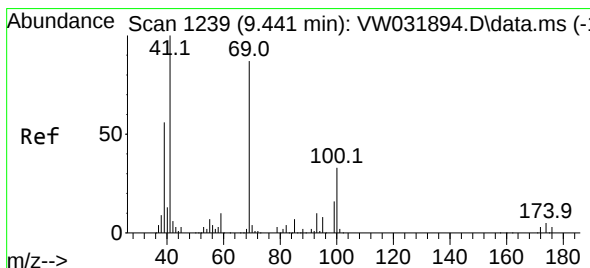
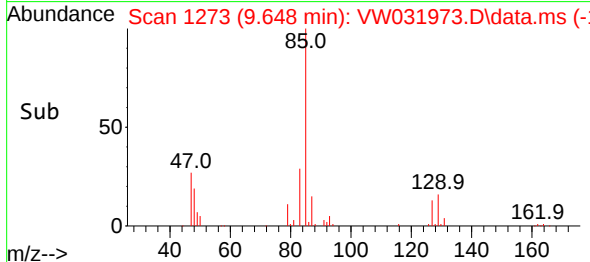
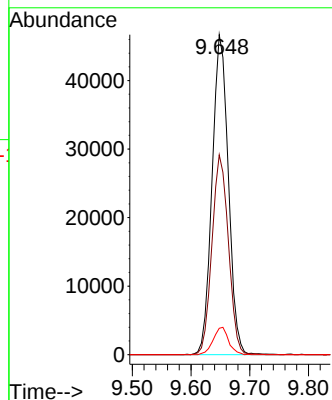
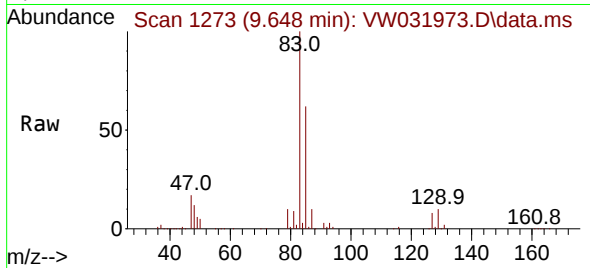




#47
Bromodichloromethane
Concen: 20.833 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

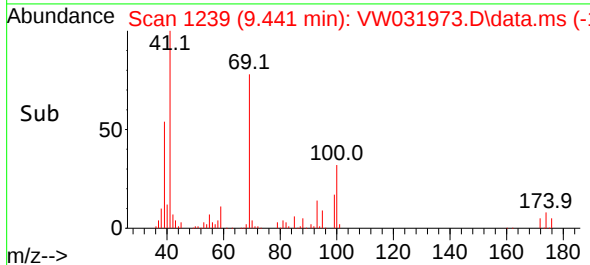
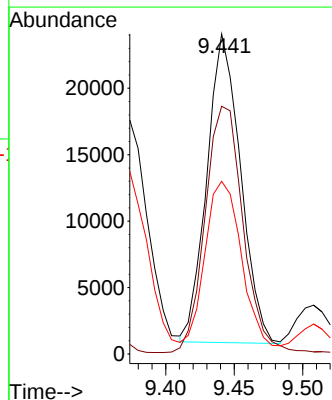
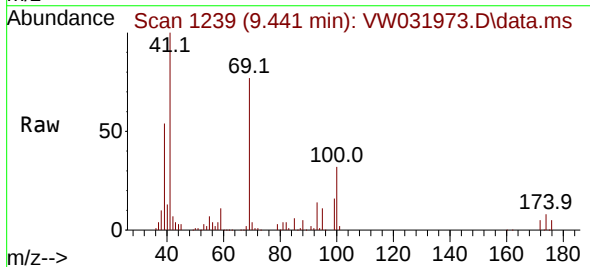
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

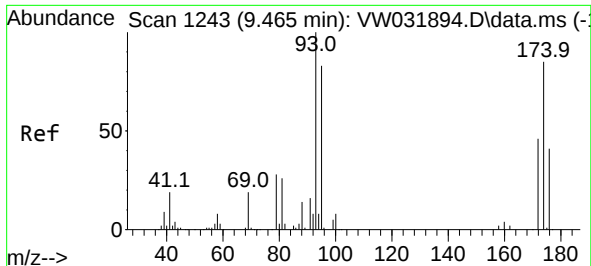
Tgt Ion:	83	Resp:	89630
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.6	76.0
127	8.3	6.5	9.7



#48
Methyl methacrylate
Concen: 19.856 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:	41	Resp:	39606
Ion	Ratio	Lower	Upper
41	100		
69	91.3	73.6	110.4
39	62.3	45.5	68.3





#49

1,4-Dioxane

Concen: 552.435 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

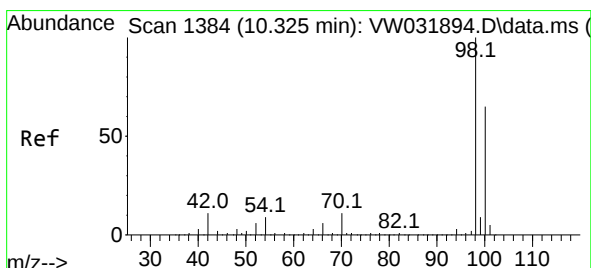
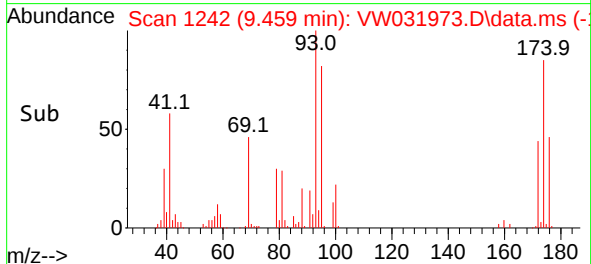
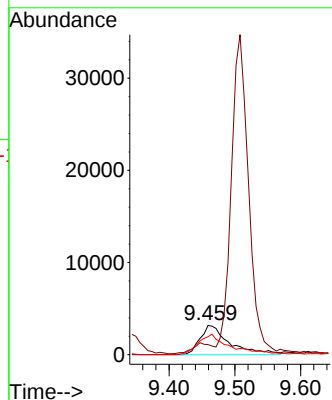
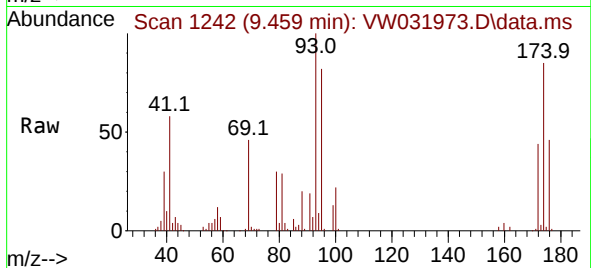
Tgt Ion: 88 Resp: 9890

Ion Ratio Lower Upper

88 100

43 24.9 19.0 28.4

58 76.0 58.2 87.2



#50

Toluene-d8

Concen: 51.070 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031973.D

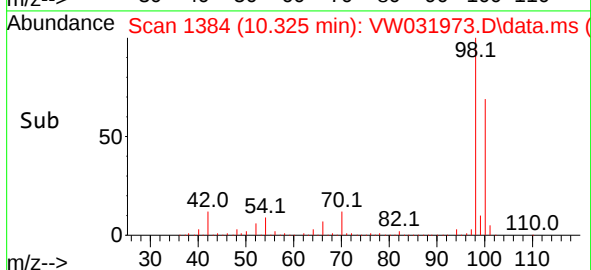
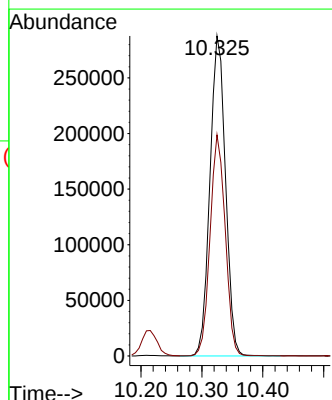
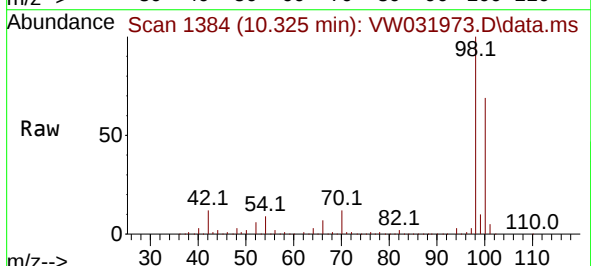
Acq: 01 Aug 2025 09:49

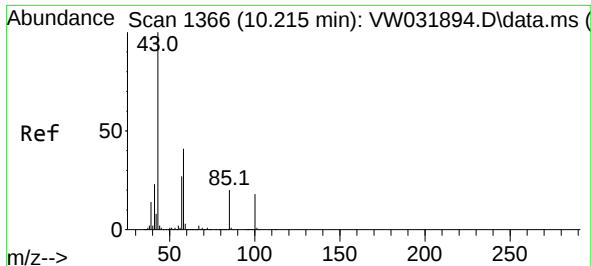
Tgt Ion: 98 Resp: 510960

Ion Ratio Lower Upper

98 100

100 67.0 51.7 77.5

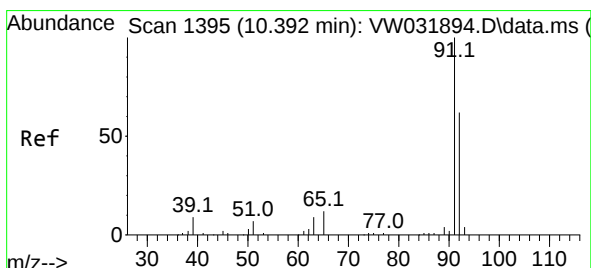
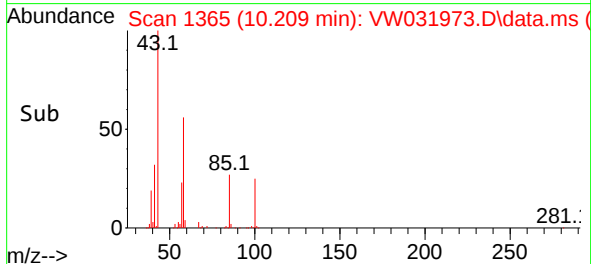
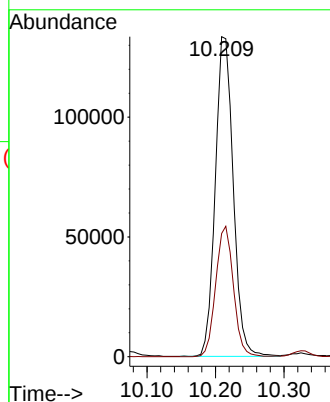
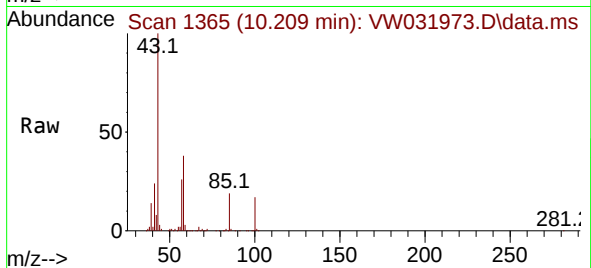




#51
4-Methyl-2-Pentanone
Concen: 105.836 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

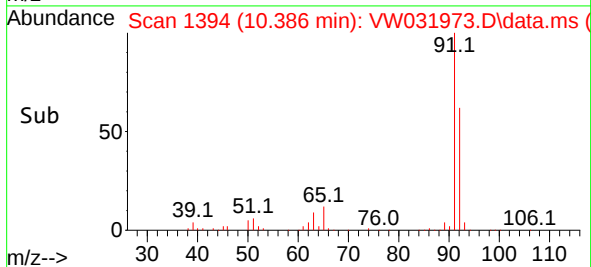
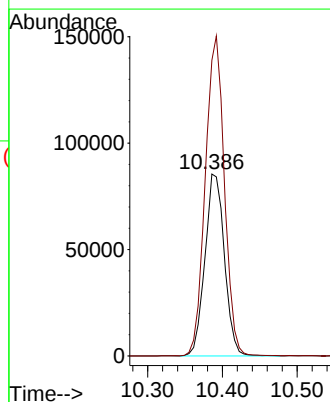
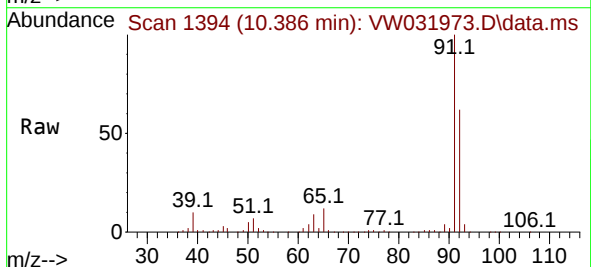
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

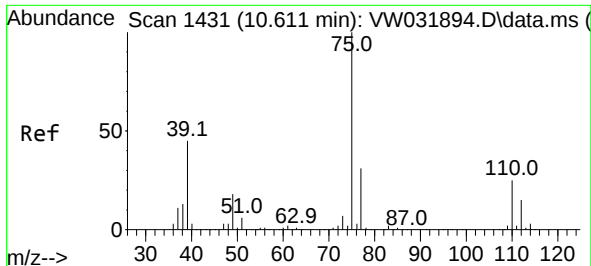
Tgt Ion: 43 Resp: 242840
Ion Ratio Lower Upper
43 100
58 40.1 32.8 49.2



#52
Toluene
Concen: 20.025 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 92 Resp: 154706
Ion Ratio Lower Upper
92 100
91 172.5 133.7 200.5

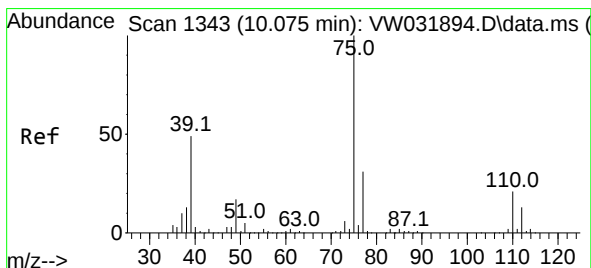
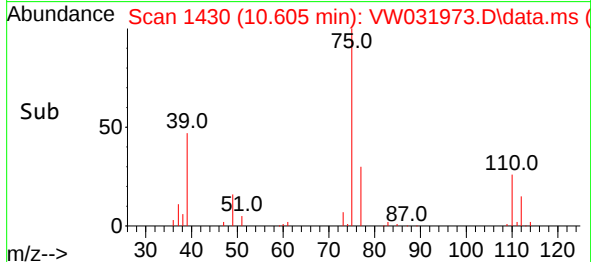
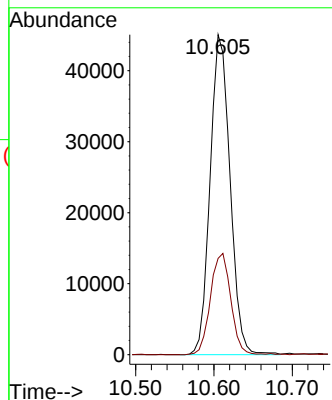
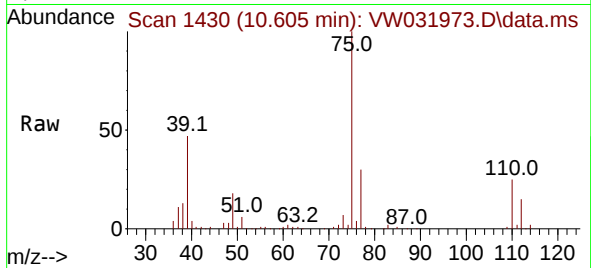




#53
 t-1,3-Dichloropropene
 Concen: 19.306 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

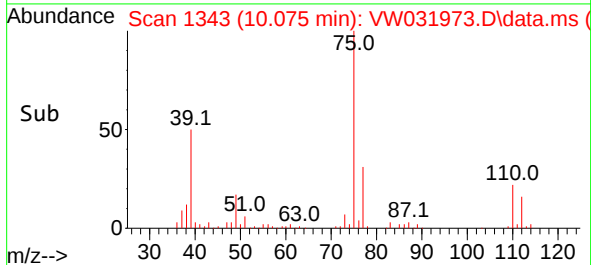
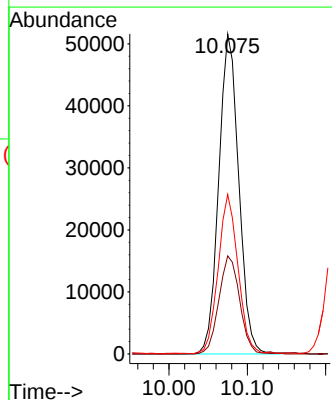
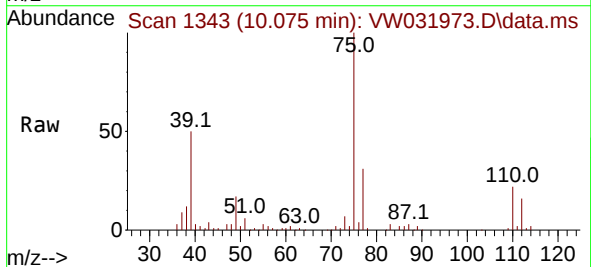
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBS01

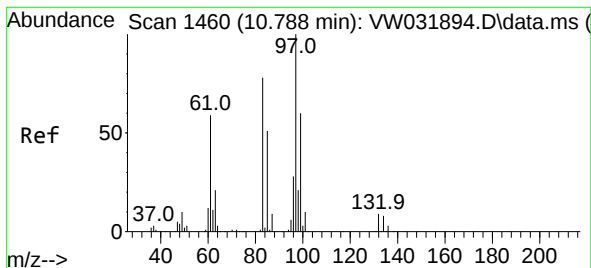
Tgt Ion: 75 Resp: 79676
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.438 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

Tgt Ion: 75 Resp: 91609
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.5 36.7
 39 49.7 39.3 58.9

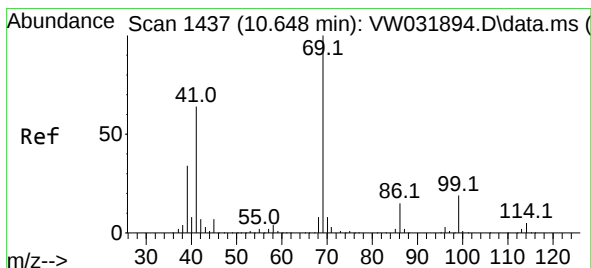
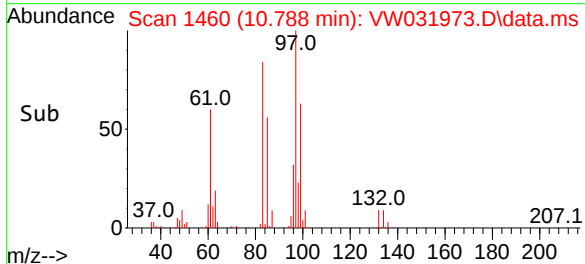
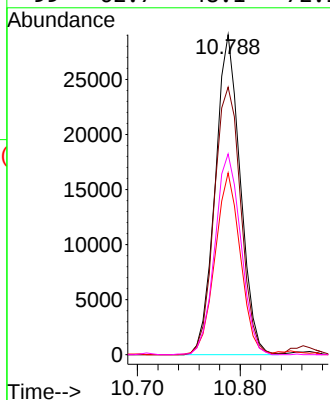
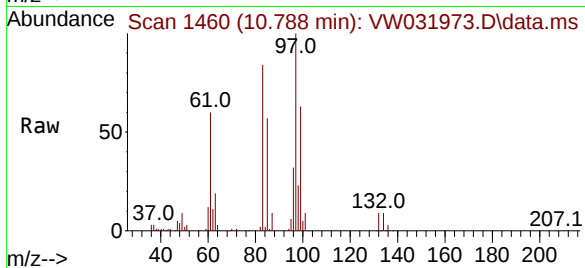




#55
1,1,2-Trichloroethane
Concen: 20.631 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

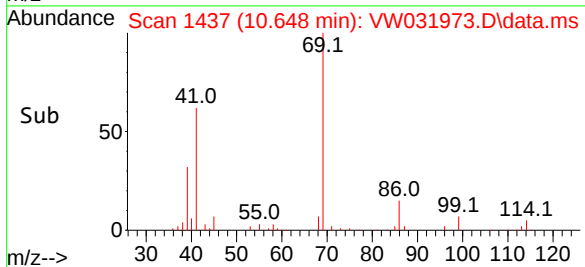
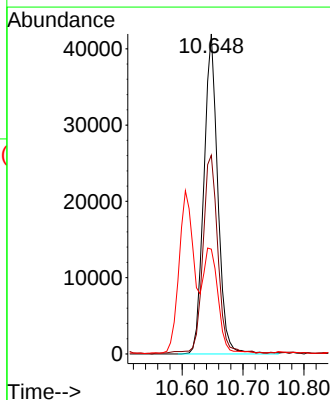
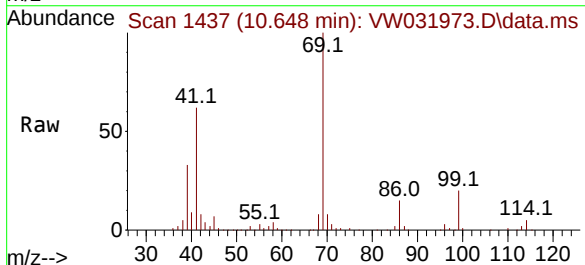
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

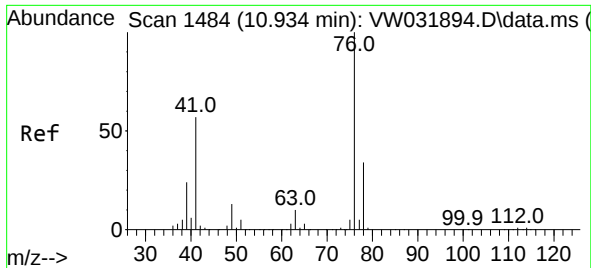
Tgt Ion:	97	Resp:	49168
Ion	Ratio	Lower	Upper
97	100		
83	83.6	62.4	93.6
85	56.8	41.0	61.6
99	62.7	48.1	72.1



#56
Ethyl methacrylate
Concen: 19.900 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:	69	Resp:	66980
Ion	Ratio	Lower	Upper
69	100		
41	67.5	52.0	78.0
39	33.5	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.776 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

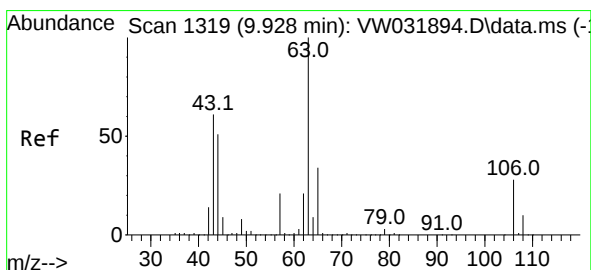
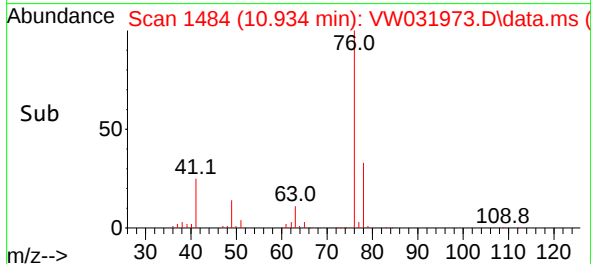
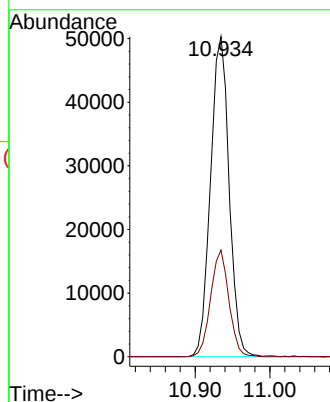
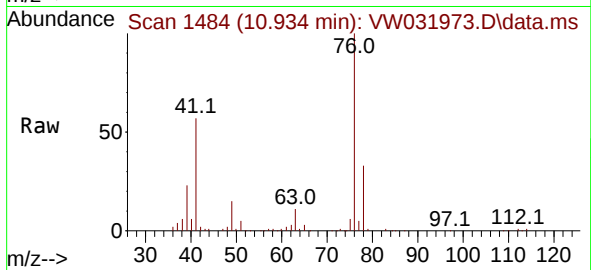
VW0801SBS01

Tgt Ion: 76 Resp: 87231

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.235 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031973.D

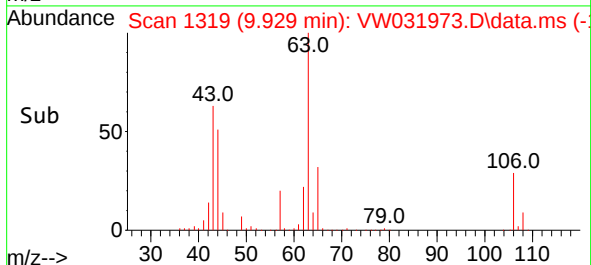
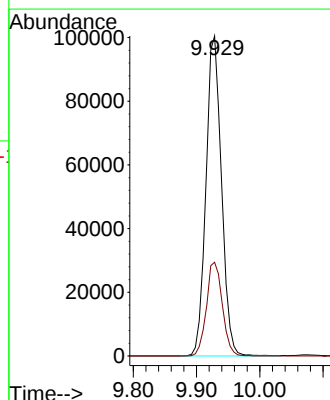
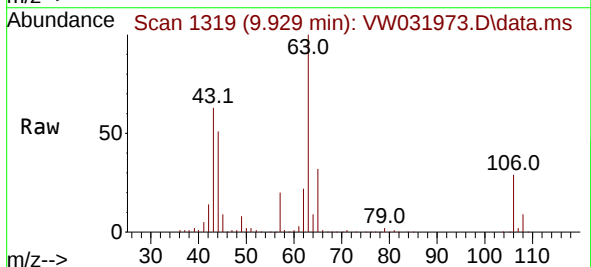
Acq: 01 Aug 2025 09:49

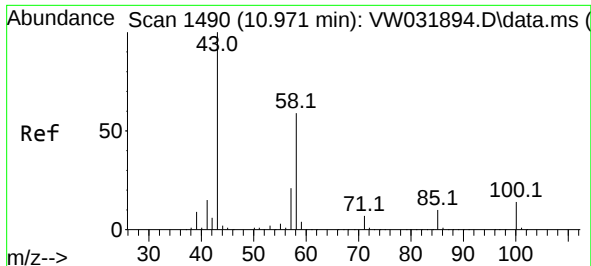
Tgt Ion: 63 Resp: 171564

Ion Ratio Lower Upper

63 100

106 30.0 22.7 34.1

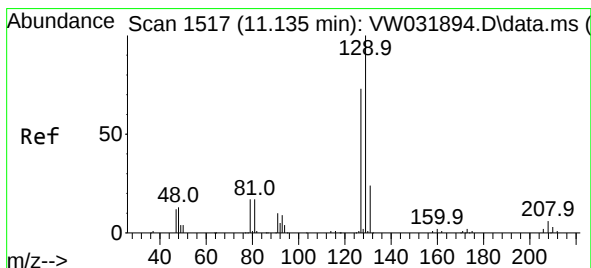
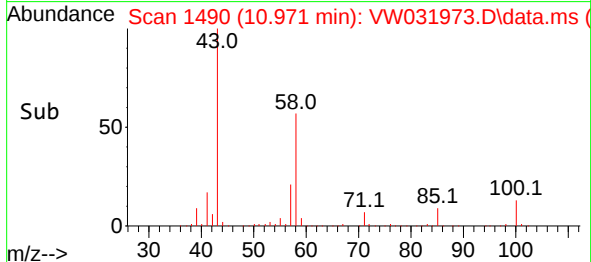
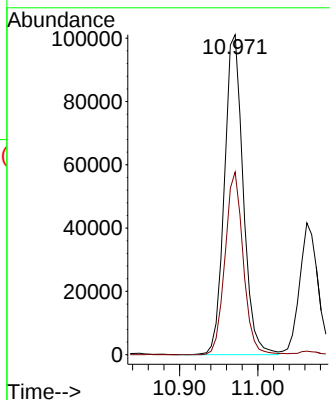
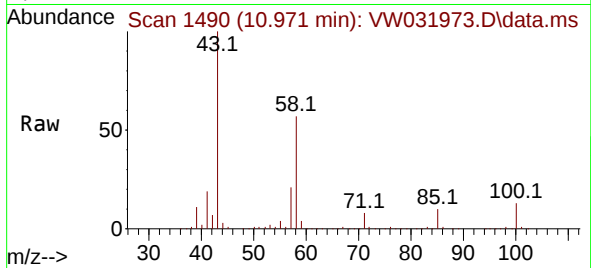




#59
2-Hexanone
Concen: 105.734 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

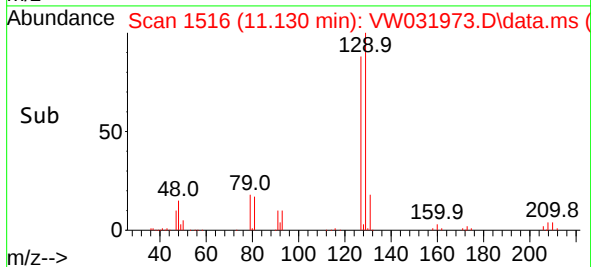
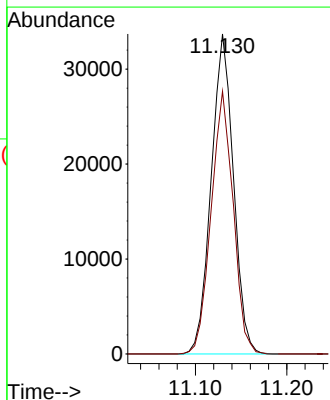
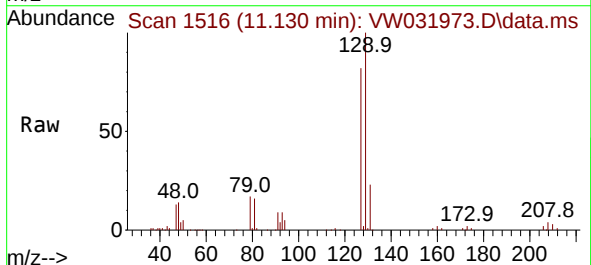
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

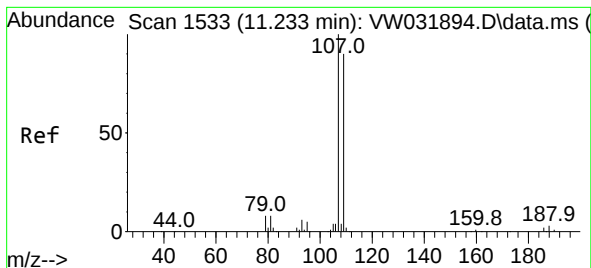
Tgt Ion: 43 Resp: 168636
Ion Ratio Lower Upper
43 100
58 55.3 28.5 85.6



#60
Dibromochloromethane
Concen: 20.481 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:129 Resp: 56909
Ion Ratio Lower Upper
129 100
127 81.3 39.6 118.8

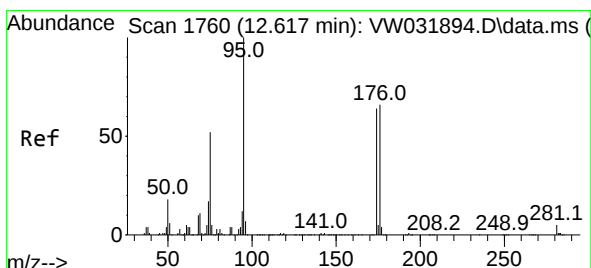
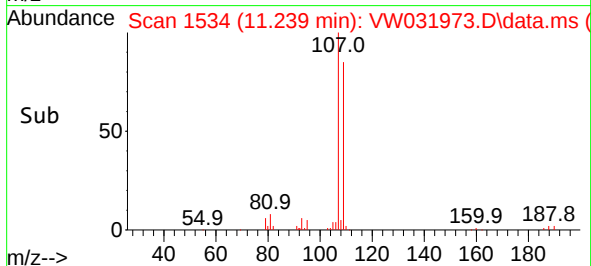
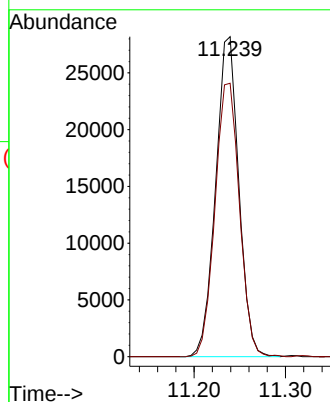
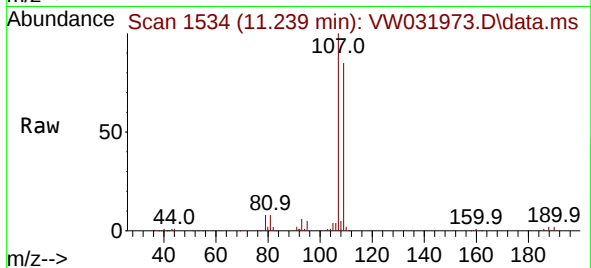




#61
1,2-Dibromoethane
Concen: 21.060 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

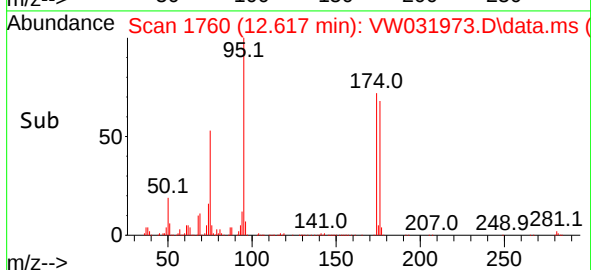
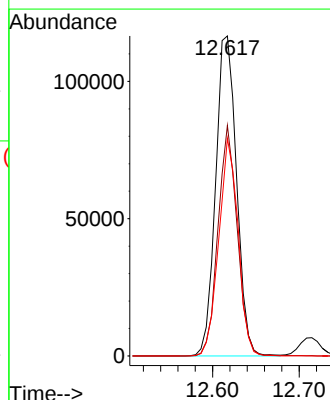
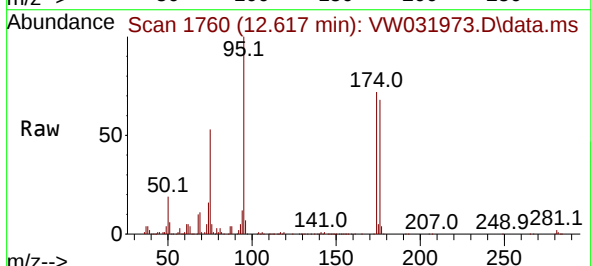
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

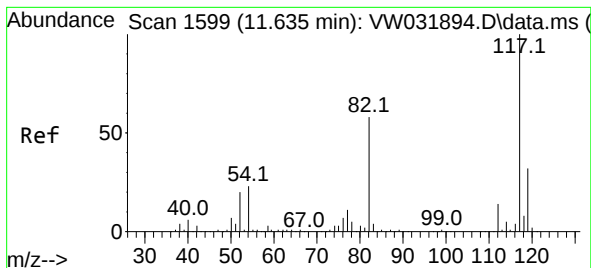
Tgt Ion:107 Resp: 49593
Ion Ratio Lower Upper
107 100
109 90.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.937 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 95 Resp: 195687
Ion Ratio Lower Upper
95 100
174 66.2 0.0 129.8
176 62.7 0.0 130.4

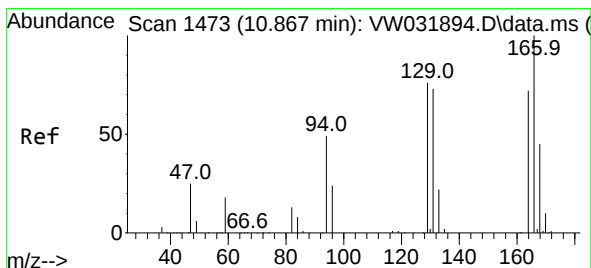
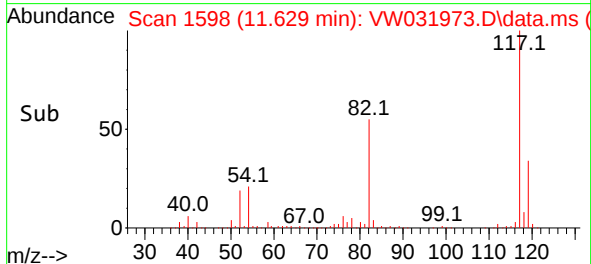
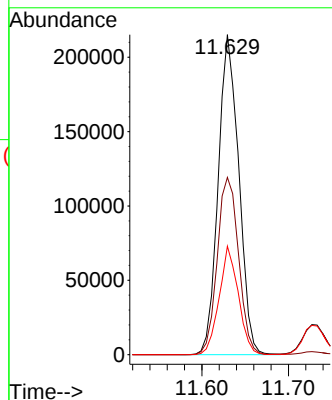
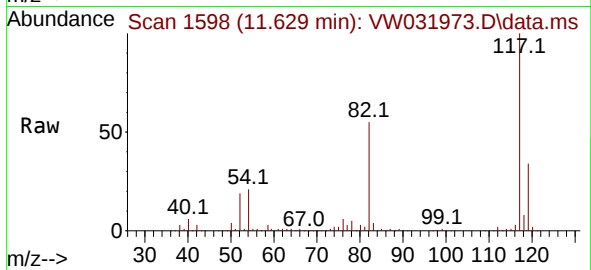




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

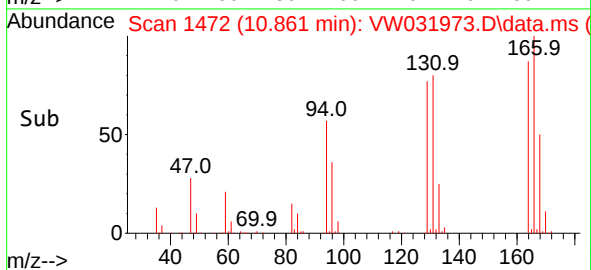
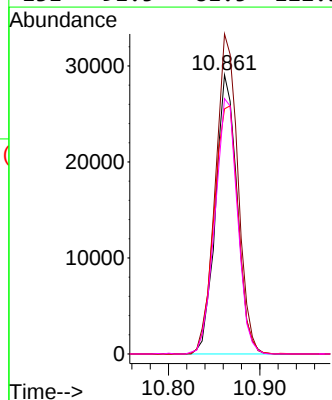
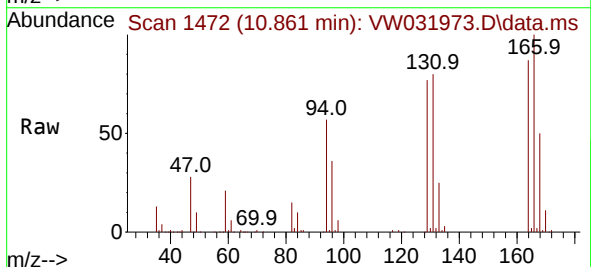
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Tgt Ion:117 Resp: 355301
Ion Ratio Lower Upper
117 100
82 55.4 46.5 69.7
119 33.9 25.8 38.6



#64
Tetrachloroethene
Concen: 20.337 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:164 Resp: 47641
Ion Ratio Lower Upper
164 100
166 114.7 111.5 167.3
129 87.8 85.1 127.7
131 91.5 81.5 122.3

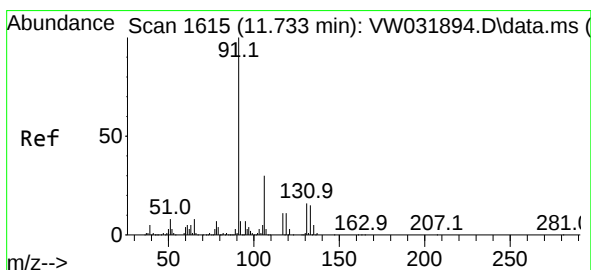
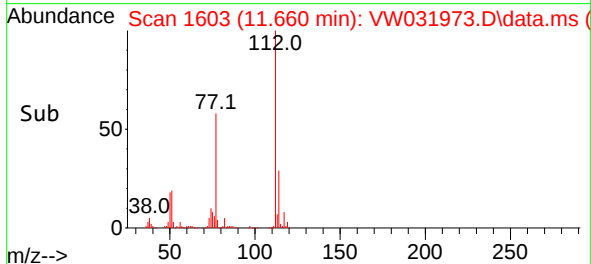
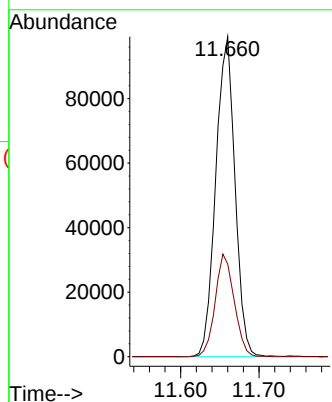
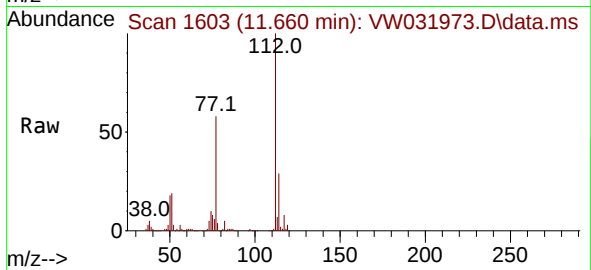




#65
Chlorobenzene
Concen: 19.459 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

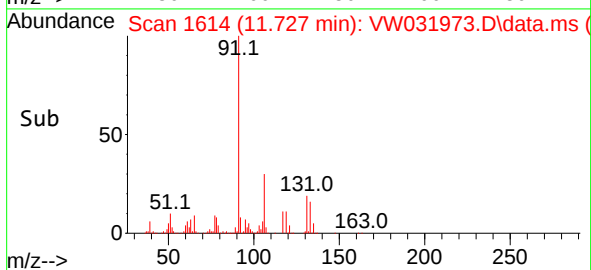
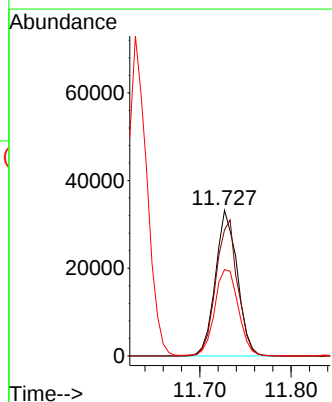
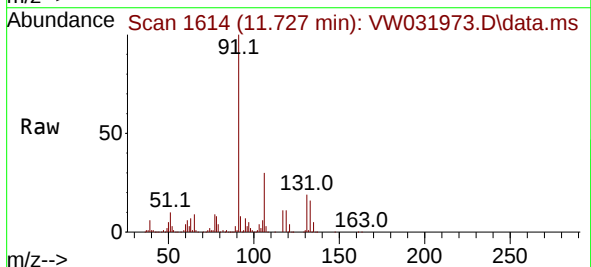
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

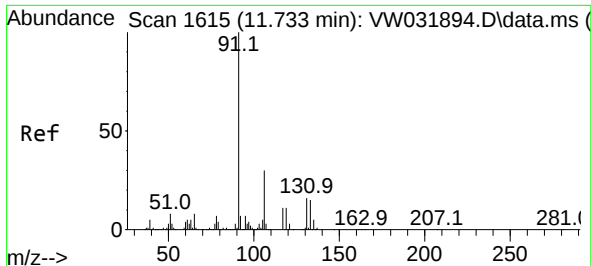
Tgt Ion:112 Resp: 169215
Ion Ratio Lower Upper
112 100
114 28.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.510 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:131 Resp: 55290
Ion Ratio Lower Upper
131 100
133 92.7 48.1 144.4
119 64.6 33.7 101.1





#67

Ethyl Benzene

Concen: 18.937 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

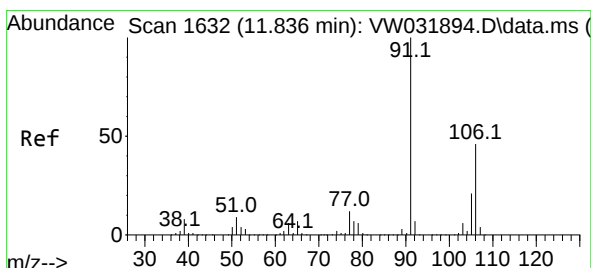
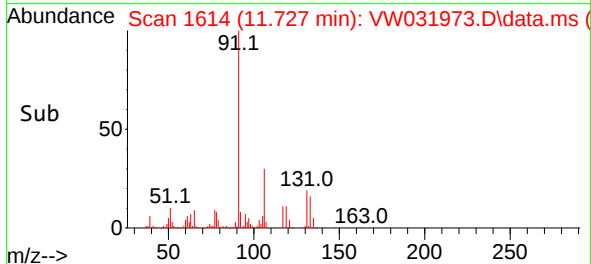
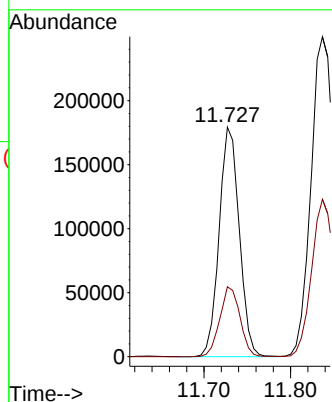
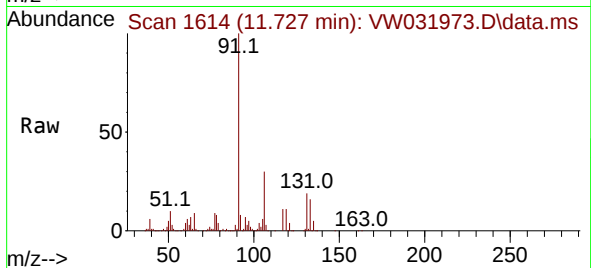
VW0801SBS01

Tgt Ion: 91 Resp: 289325

Ion Ratio Lower Upper

91 100

106 30.4 23.8 35.6



#68

m/p-Xylenes

Concen: 39.631 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031973.D

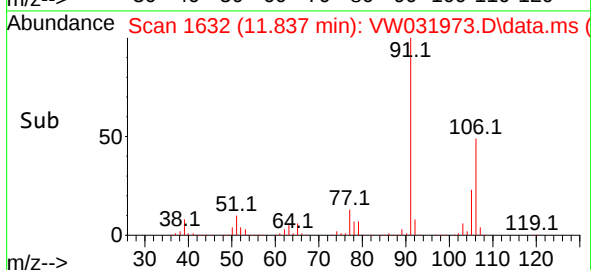
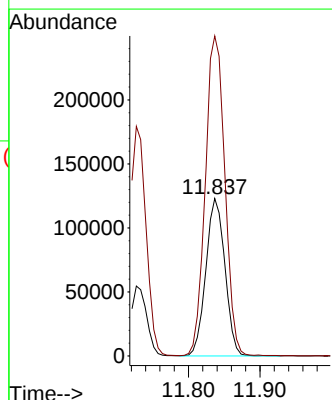
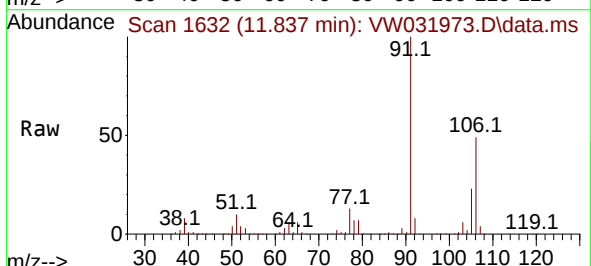
Acq: 01 Aug 2025 09:49

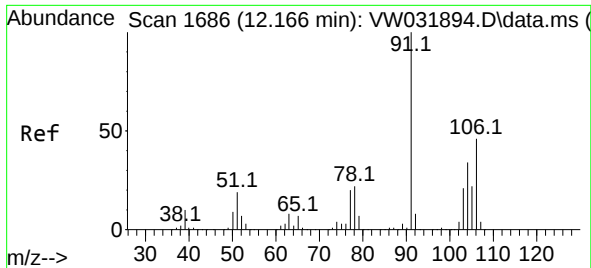
Tgt Ion:106 Resp: 227948

Ion Ratio Lower Upper

106 100

91 208.3 167.7 251.5

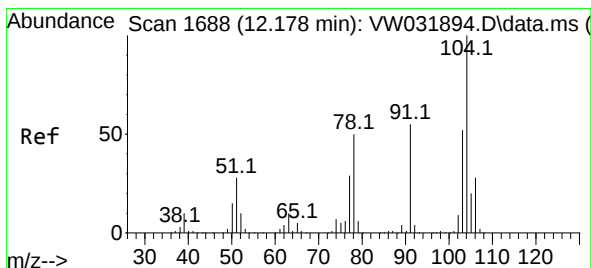
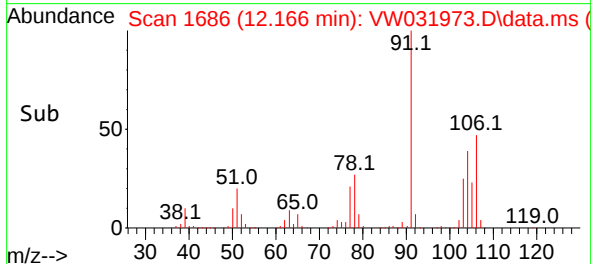
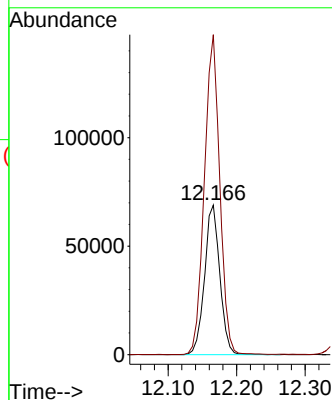
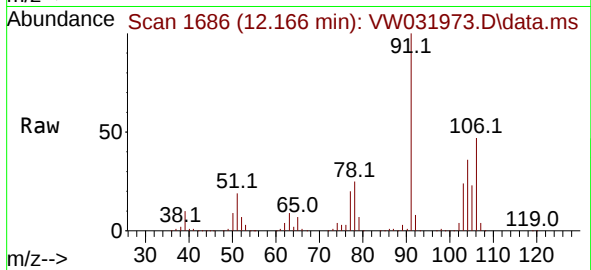




#69
o-Xylene
Concen: 19.636 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

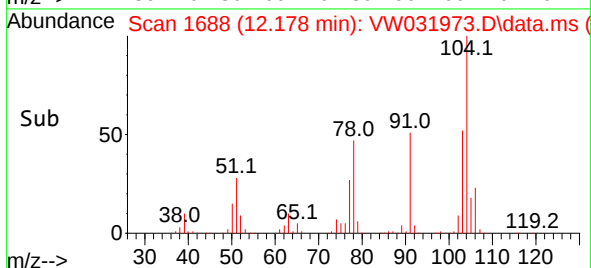
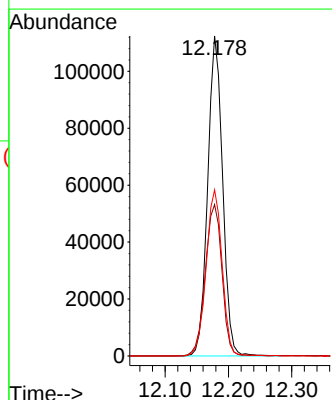
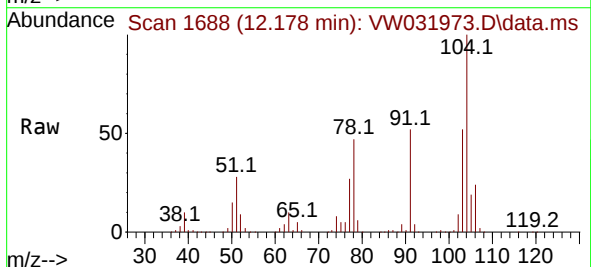
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

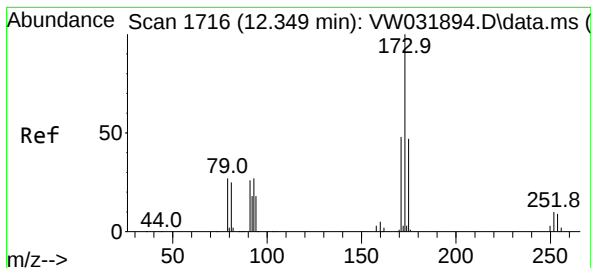
Tgt Ion:106 Resp: 106885
Ion Ratio Lower Upper
106 100
91 216.4 108.2 324.6



#70
Styrene
Concen: 19.931 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:104 Resp: 184711
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 55.6 42.8 64.2





#71

Bromoform

Concen: 21.189 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

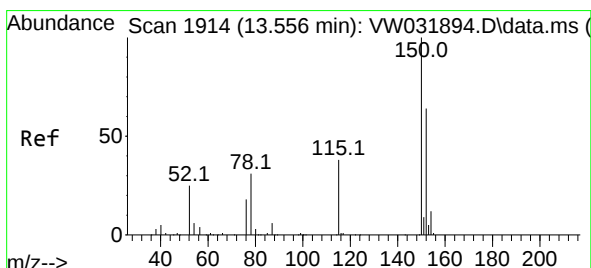
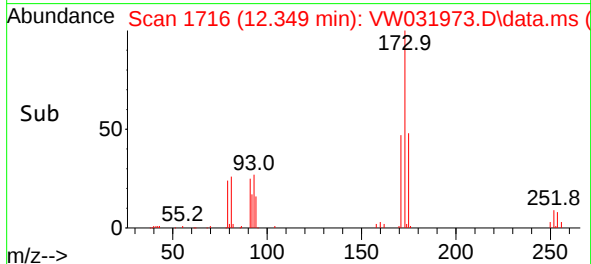
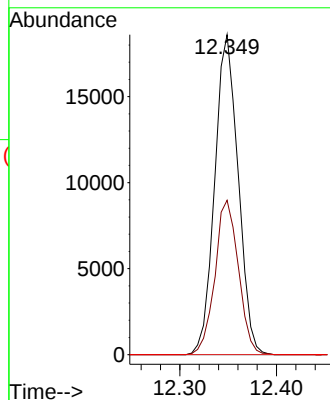
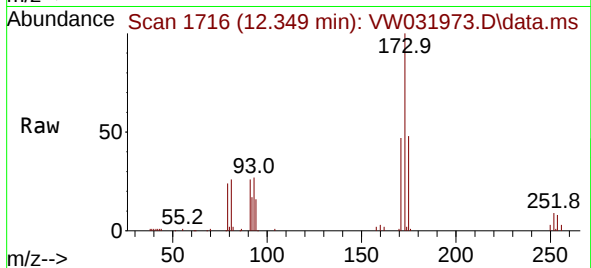
Tgt Ion:173 Resp: 31240

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

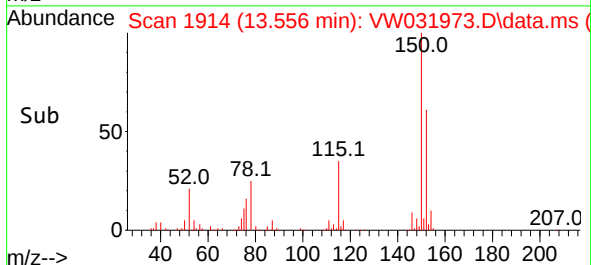
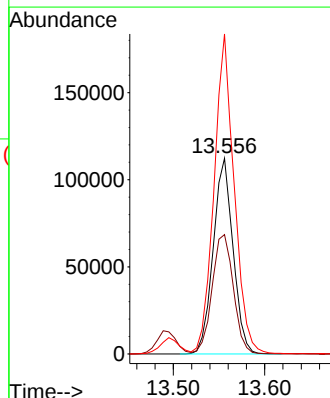
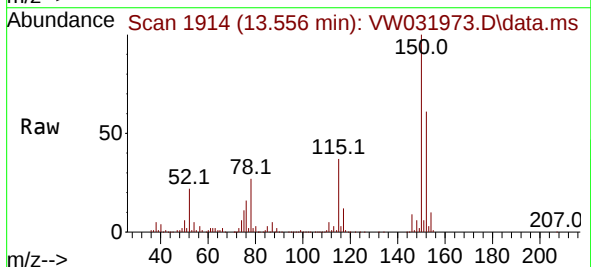
Tgt Ion:152 Resp: 169621

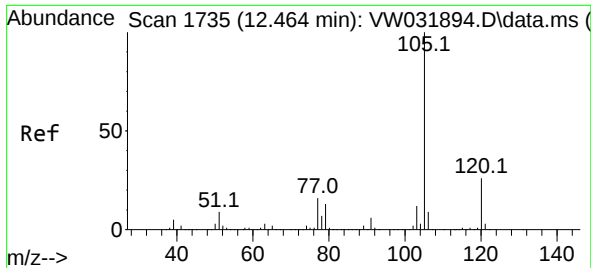
Ion Ratio Lower Upper

152 100

115 65.1 33.4 100.1

150 165.6 0.0 352.2

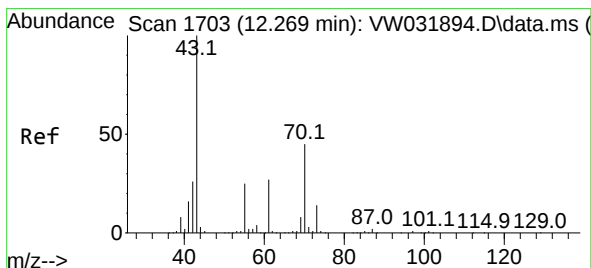
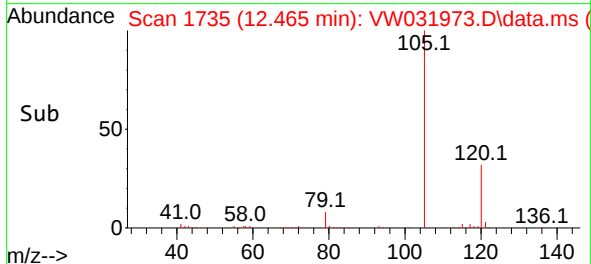
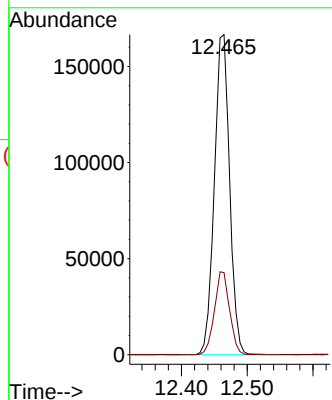
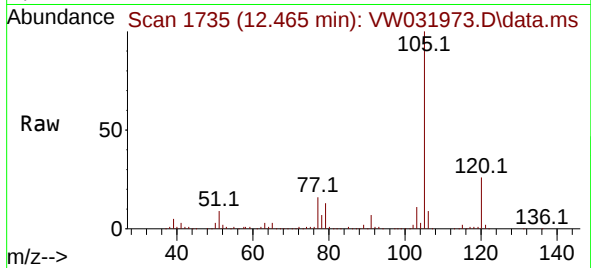




#73
Isopropylbenzene
Concen: 18.237 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

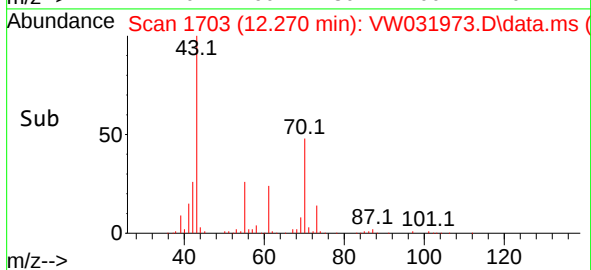
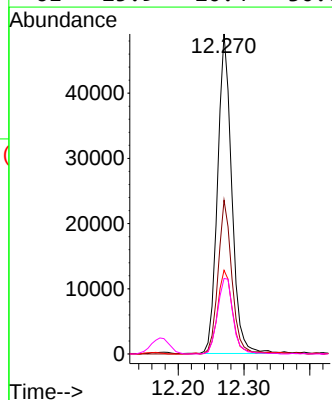
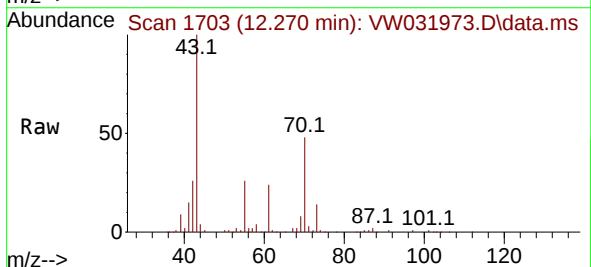
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

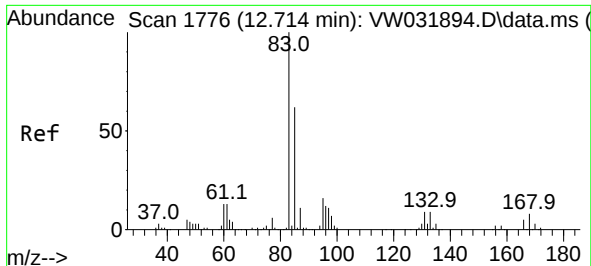
Tgt Ion:105 Resp: 268400
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.8



#74
N-ethyl acetate
Concen: 18.535 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 43 Resp: 73747
Ion Ratio Lower Upper
43 100
70 46.9 36.6 55.0
55 27.3 20.7 31.1
61 25.9 20.4 30.6

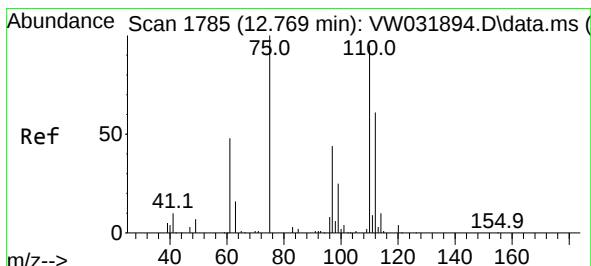
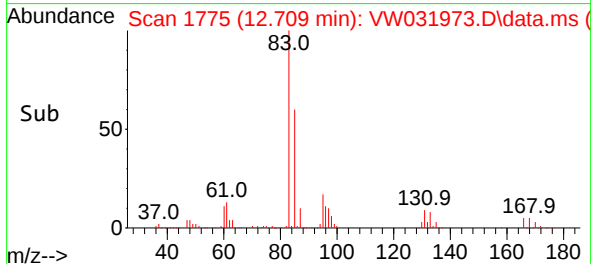
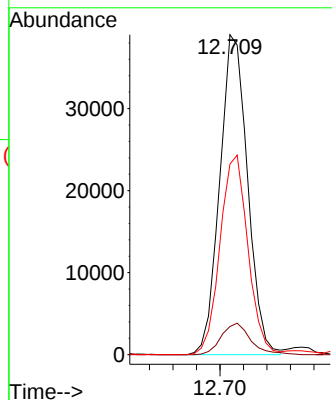
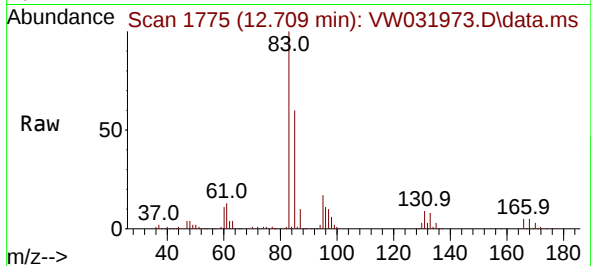




#75
1,1,2,2-Tetrachloroethane
Concen: 20.554 ug/l
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

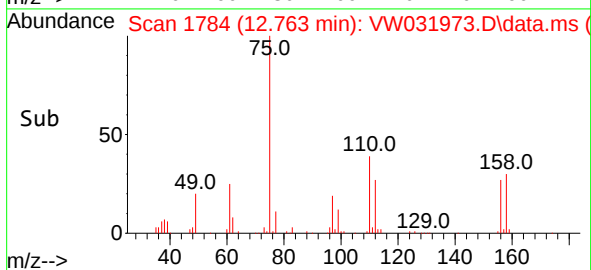
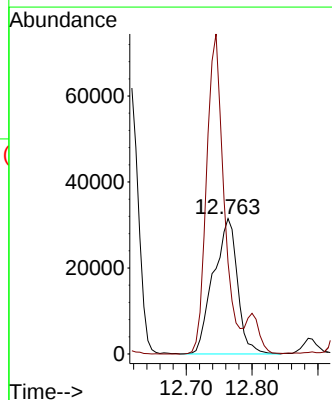
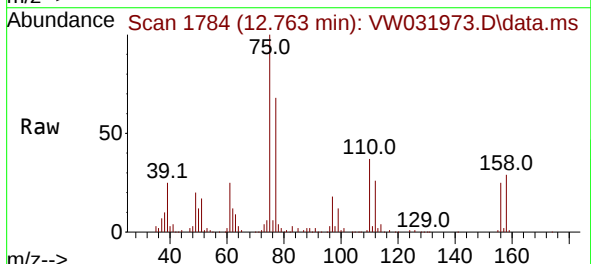
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

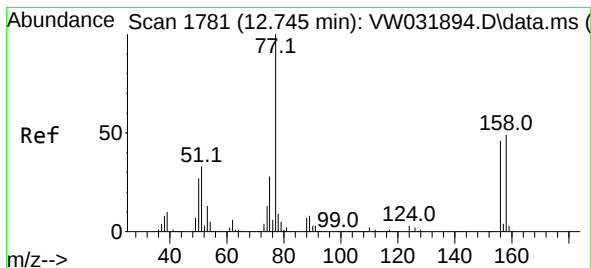
Tgt Ion: 83 Resp: 64210
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 62.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 34.247 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 75 Resp: 80201
Ion Ratio Lower Upper
75 100
77 170.2 0.0 0.0#





#77

Bromobenzene

Concen: 20.098 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

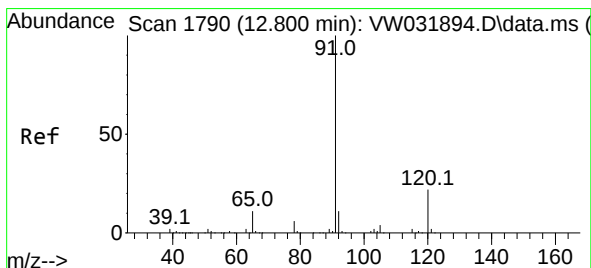
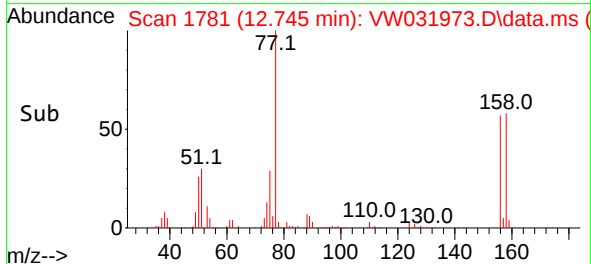
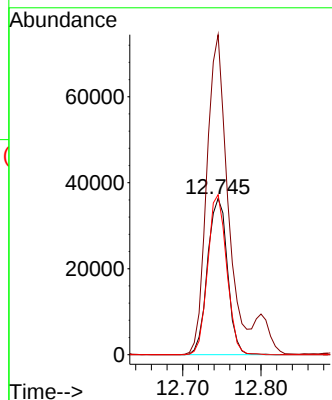
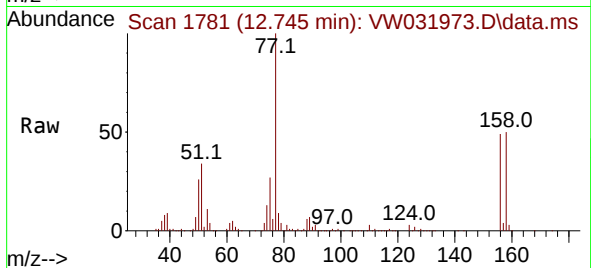
Tgt Ion:156 Resp: 64000

Ion Ratio Lower Upper

156 100

77 213.2 115.3 345.8

158 98.0 50.1 150.3



#78

n-propylbenzene

Concen: 18.750 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031973.D

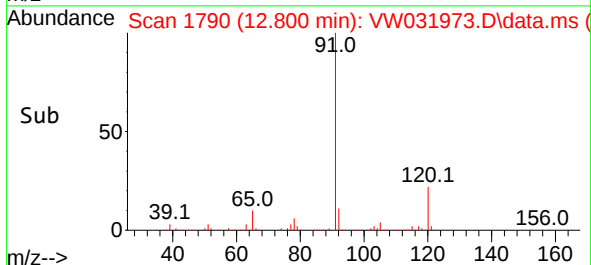
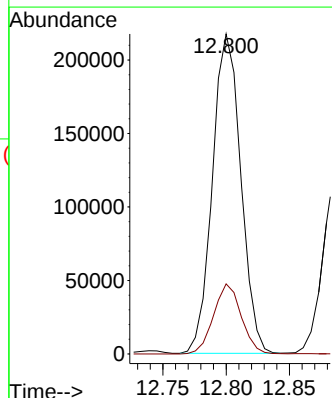
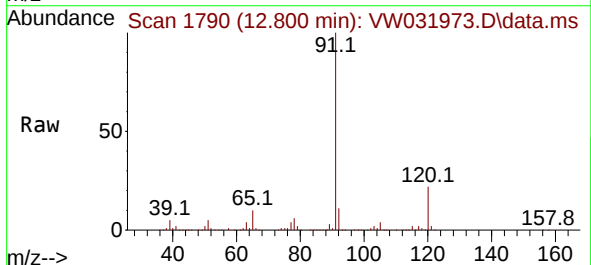
Acq: 01 Aug 2025 09:49

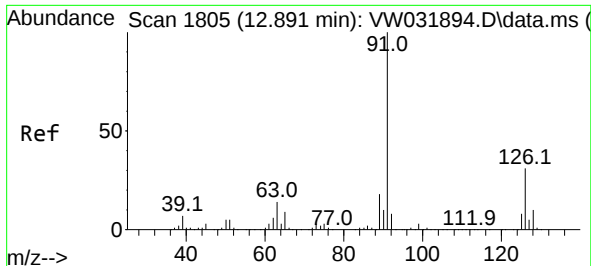
Tgt Ion: 91 Resp: 338914

Ion Ratio Lower Upper

91 100

120 21.4 10.9 32.6

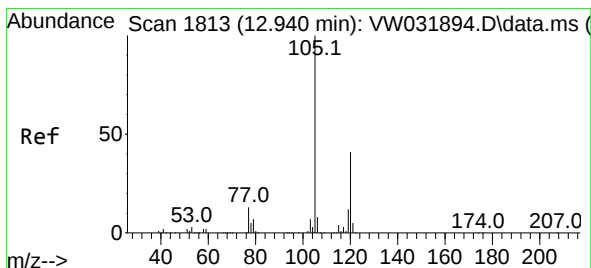
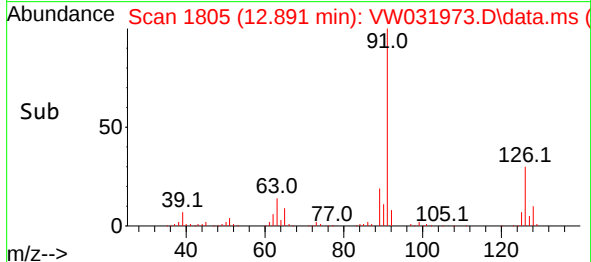
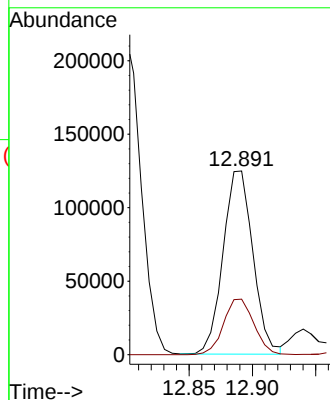
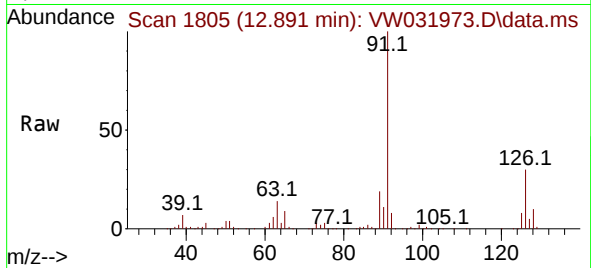




#79
2-Chlorotoluene
Concen: 19.048 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

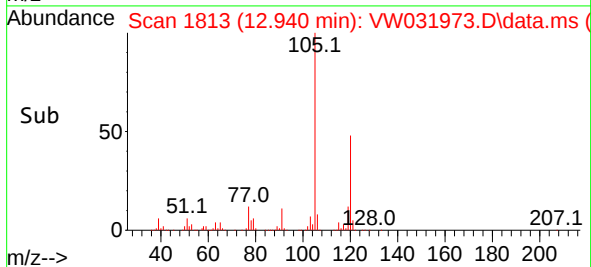
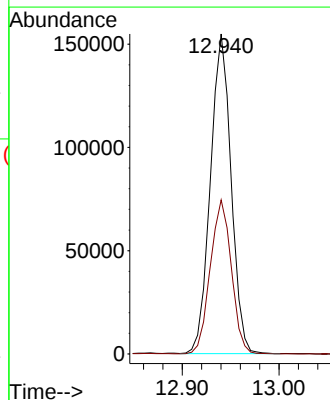
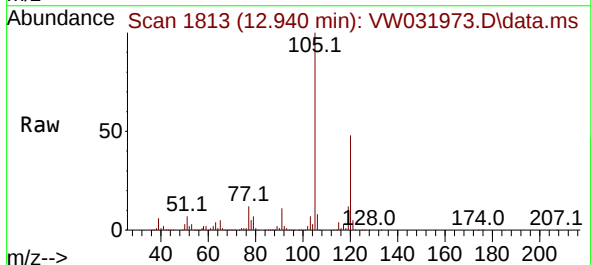
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Tgt Ion: 91 Resp: 205568
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 18.628 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 105 Resp: 229932
Ion Ratio Lower Upper
105 100
120 49.1 23.5 70.5

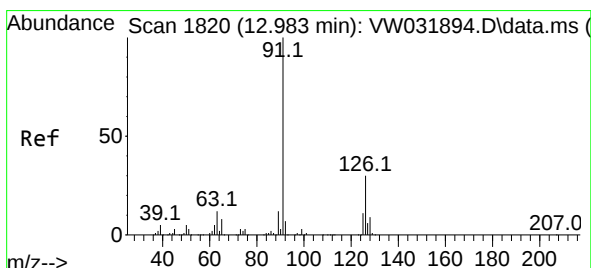
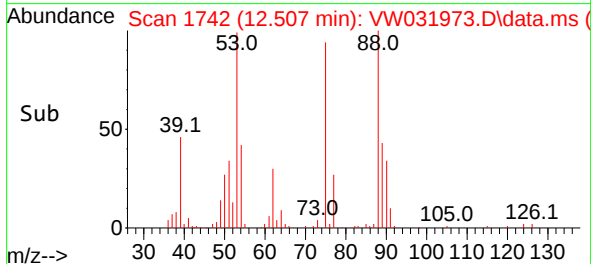
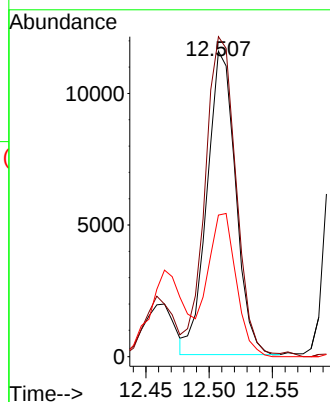
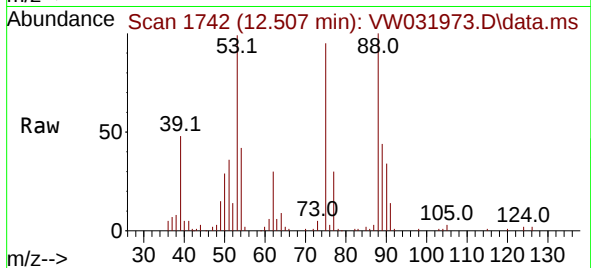




#81
trans-1,4-Dichloro-2-butene
Concen: 17.856 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

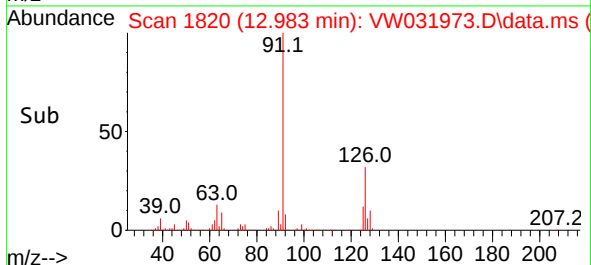
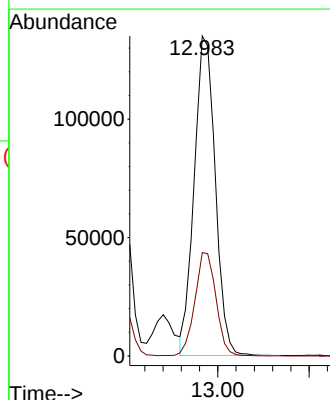
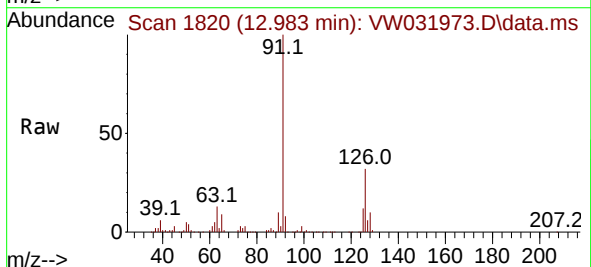
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

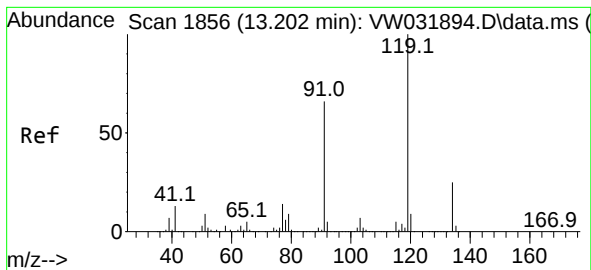
Tgt Ion: 75 Resp: 18112
Ion Ratio Lower Upper
75 100
53 115.1 83.7 125.5
89 46.5 39.0 58.6



#82
4-Chlorotoluene
Concen: 19.120 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion: 91 Resp: 216472
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.3

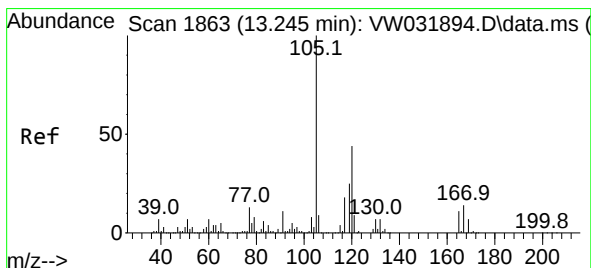
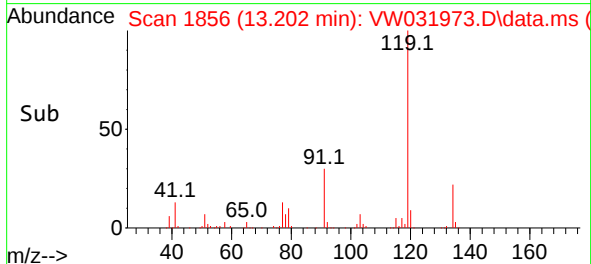
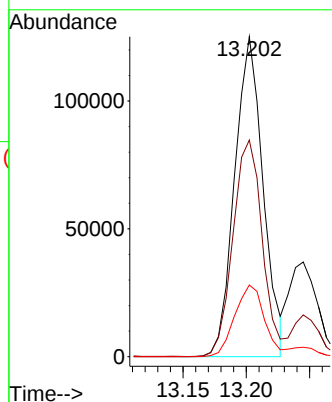
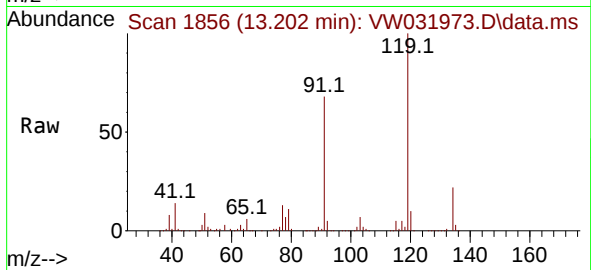




#83
 tert-Butylbenzene
 Concen: 18.615 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

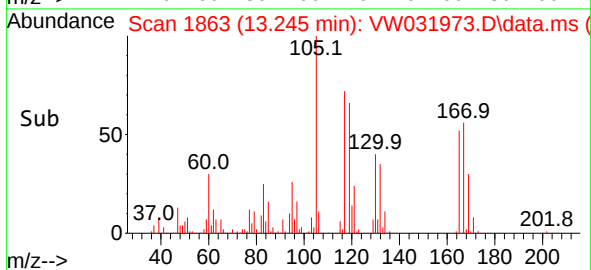
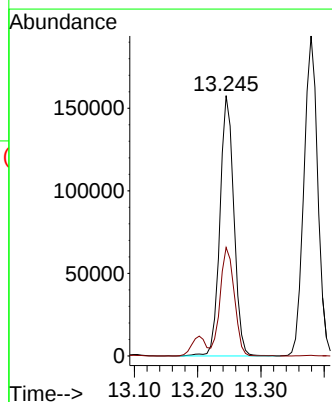
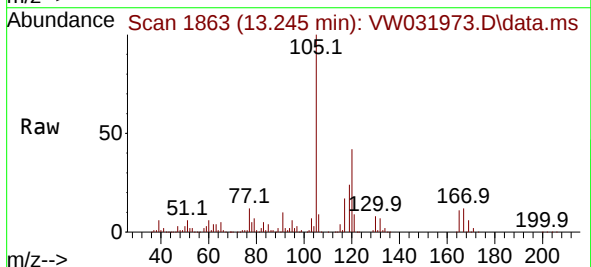
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBS01

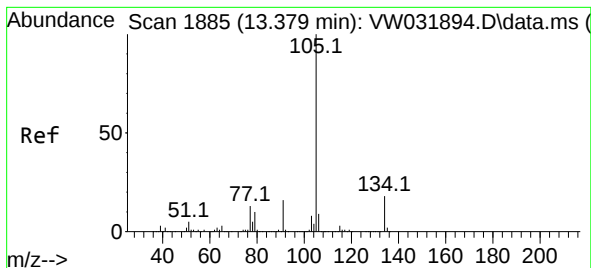
Tgt Ion:119 Resp: 195715
 Ion Ratio Lower Upper
 119 100
 91 69.6 35.5 106.5
 134 23.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.191 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031973.D
 Acq: 01 Aug 2025 09:49

Tgt Ion:105 Resp: 239764
 Ion Ratio Lower Upper
 105 100
 120 42.0 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.553 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

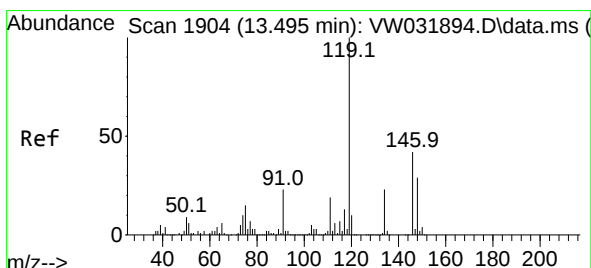
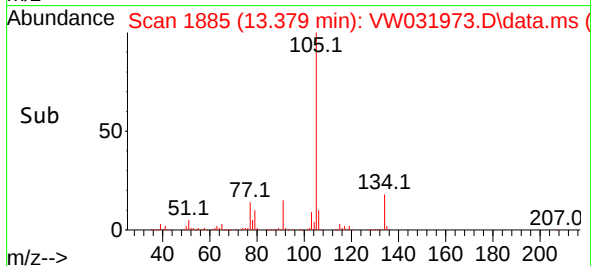
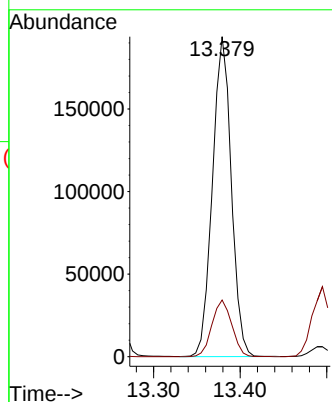
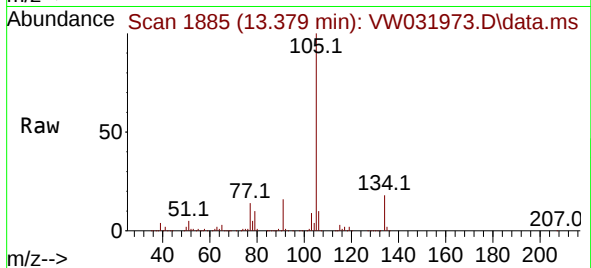
VW0801SBS01

Tgt Ion:105 Resp: 292934

Ion Ratio Lower Upper

105 100

134 18.6 9.2 27.6



#86

p-Isopropyltoluene

Concen: 18.915 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

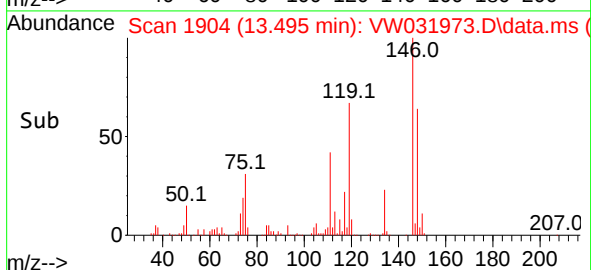
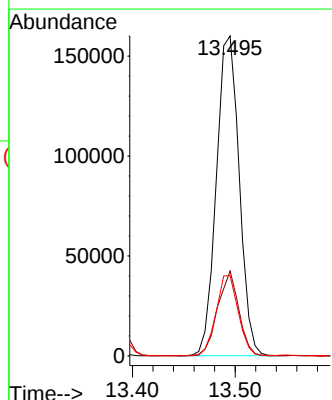
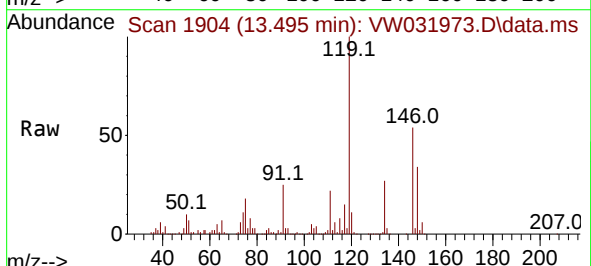
Tgt Ion:119 Resp: 246860

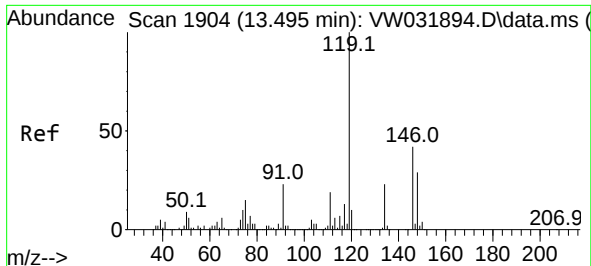
Ion Ratio Lower Upper

119 100

134 24.5 13.0 39.0

91 24.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 20.288 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

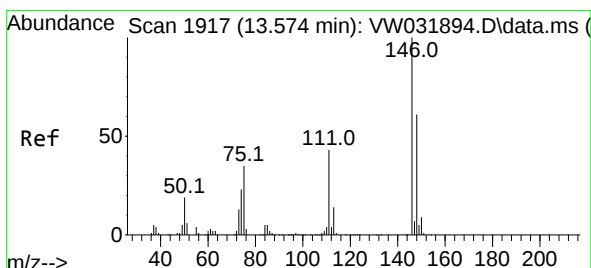
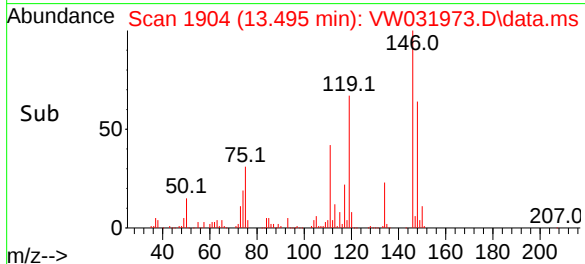
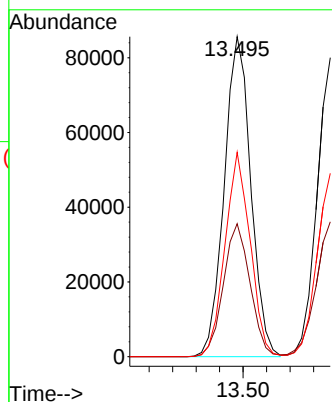
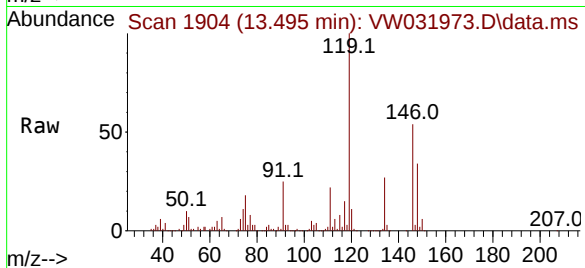
Tgt Ion:146 Resp: 134477

Ion Ratio Lower Upper

146 100

111 41.8 21.9 65.7

148 60.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.618 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

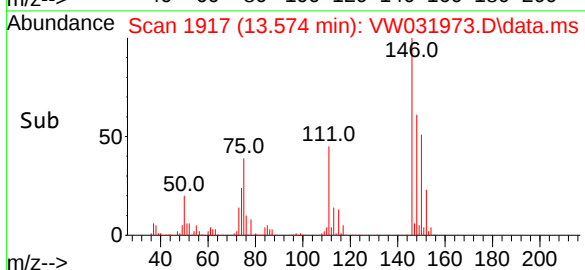
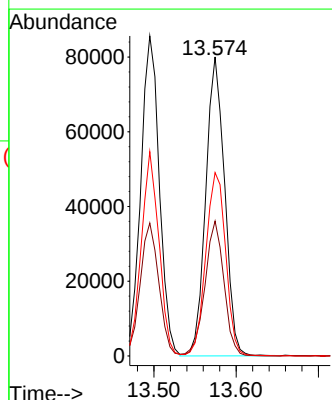
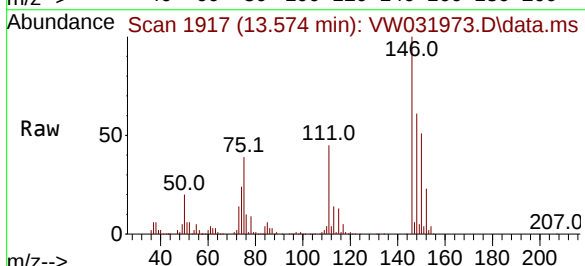
Tgt Ion:146 Resp: 127388

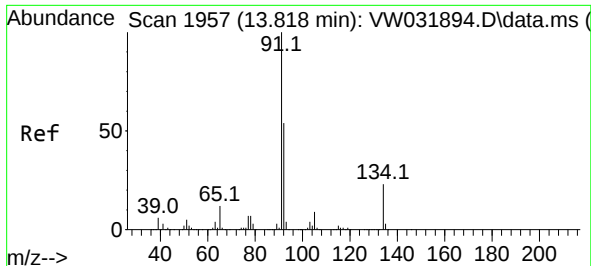
Ion Ratio Lower Upper

146 100

111 45.5 22.1 66.3

148 64.7 31.8 95.3





#89

n-Butylbenzene

Concen: 18.637 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

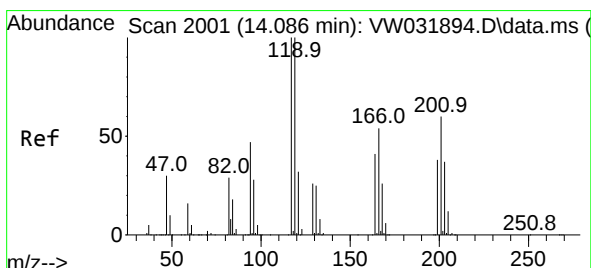
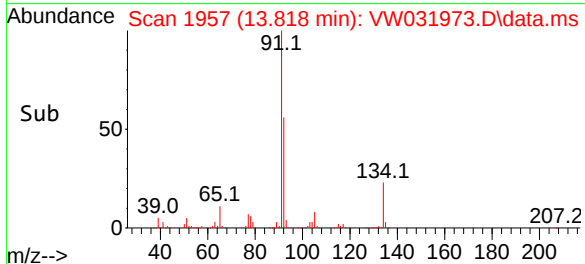
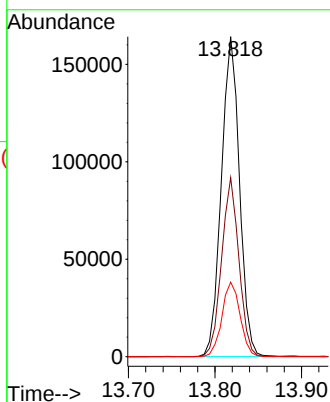
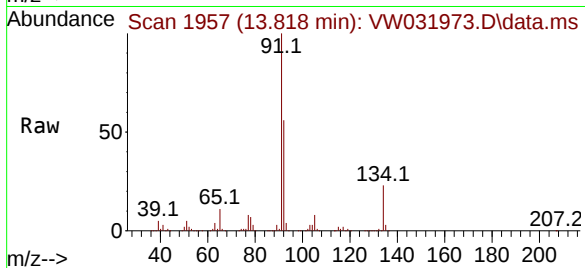
Tgt Ion: 91 Resp: 238599

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.5

134 23.5 11.6 34.7



#90

Hexachloroethane

Concen: 19.179 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031973.D

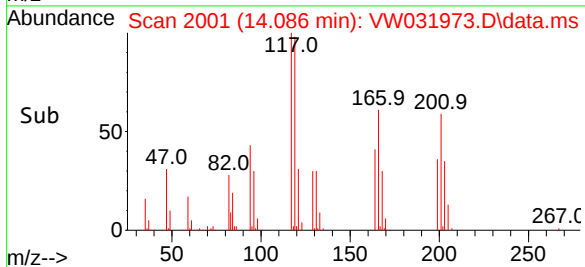
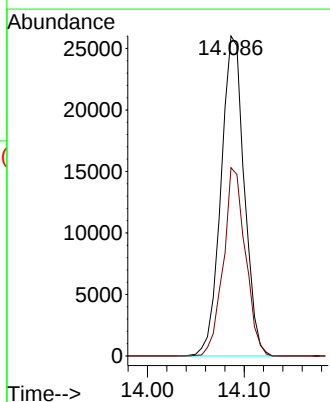
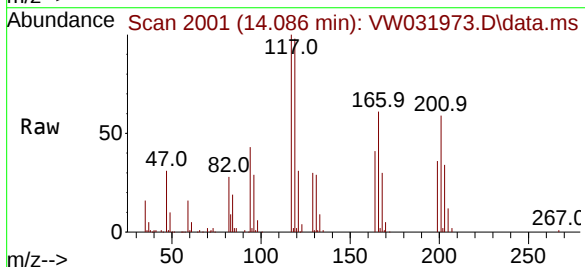
Acq: 01 Aug 2025 09:49

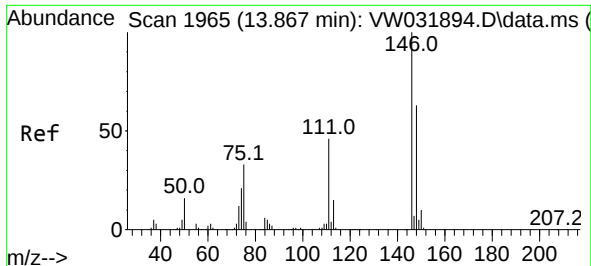
Tgt Ion: 117 Resp: 43282

Ion Ratio Lower Upper

117 100

201 55.9 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 20.194 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

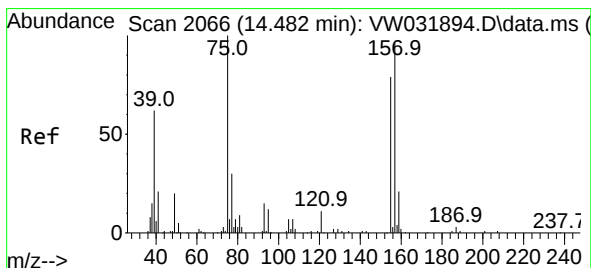
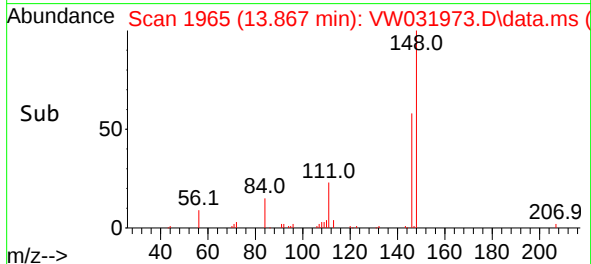
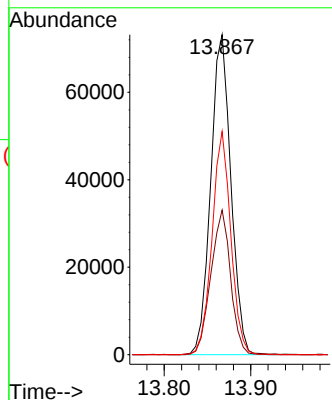
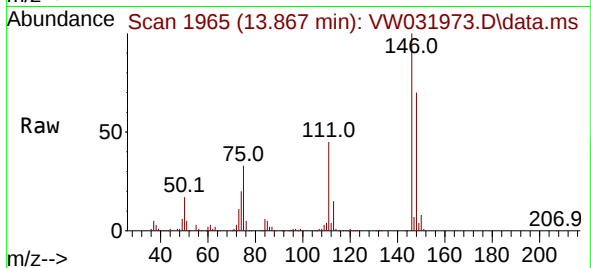
Tgt Ion:146 Resp: 118631

Ion Ratio Lower Upper

146 100

111 43.9 23.6 71.0

148 65.0 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.611 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

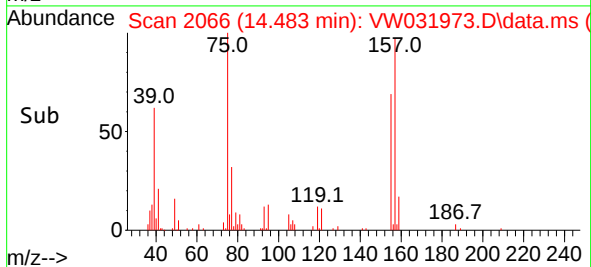
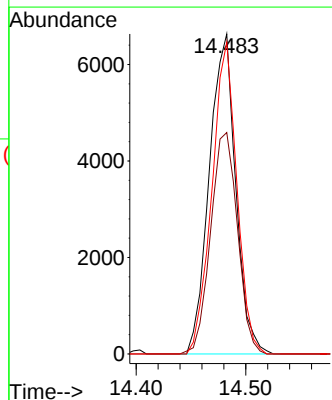
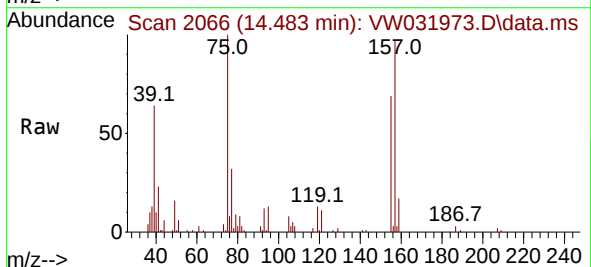
Tgt Ion: 75 Resp: 11068

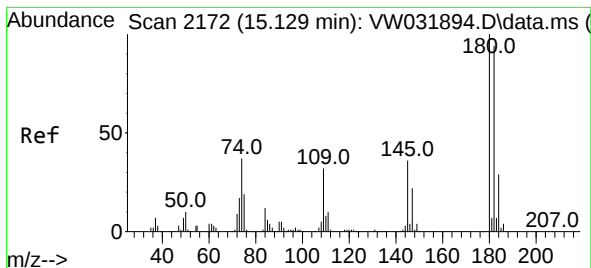
Ion Ratio Lower Upper

75 100

155 70.5 35.9 107.7

157 92.1 47.4 142.2

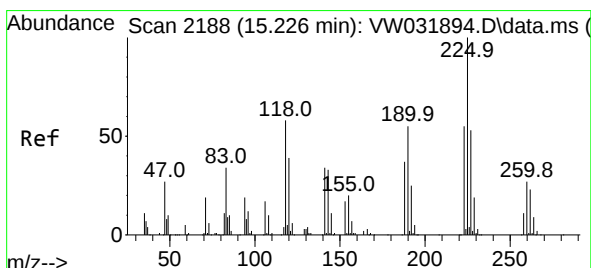
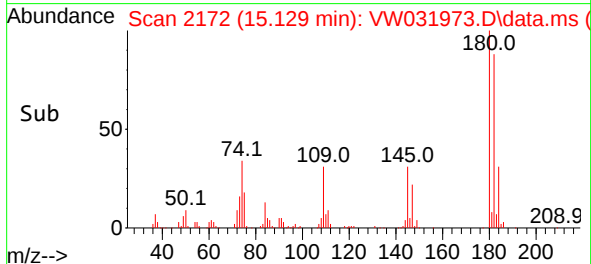
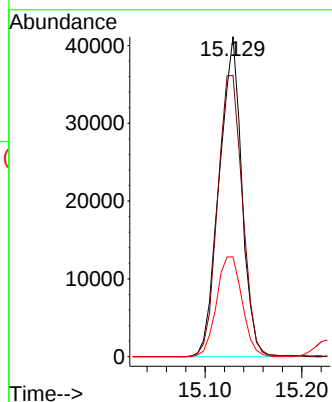
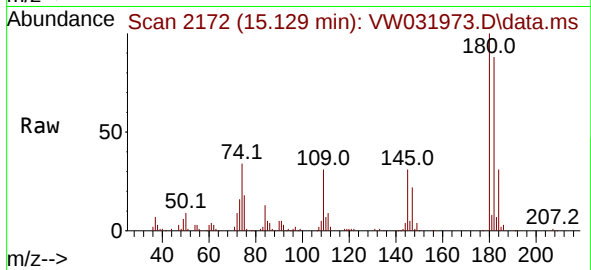




#93
1,2,4-Trichlorobenzene
Concen: 18.790 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

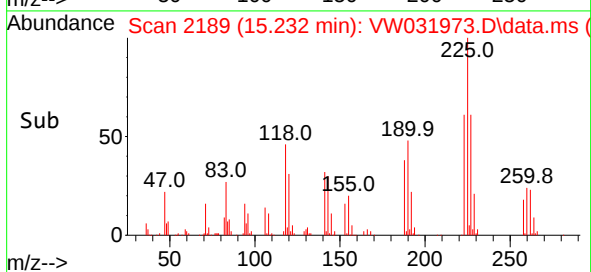
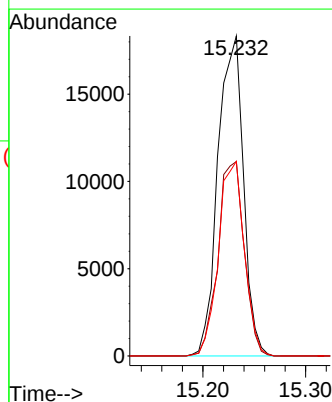
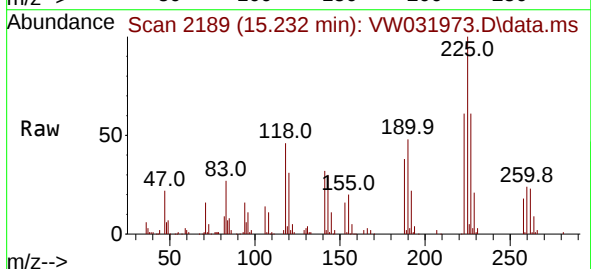
Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

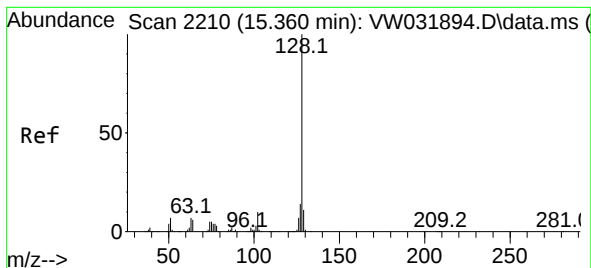
Tgt Ion:180 Resp: 66569
Ion Ratio Lower Upper
180 100
182 96.8 51.0 153.1
145 35.3 18.4 55.4



#94
Hexachlorobutadiene
Concen: 18.782 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW031973.D
Acq: 01 Aug 2025 09:49

Tgt Ion:225 Resp: 31530
Ion Ratio Lower Upper
225 100
223 62.4 30.9 92.7
227 61.8 30.0 90.1





#95

Naphthalene

Concen: 18.820 ug/l

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Instrument :

MSVOA_W

ClientSampleId :

VW0801SBS01

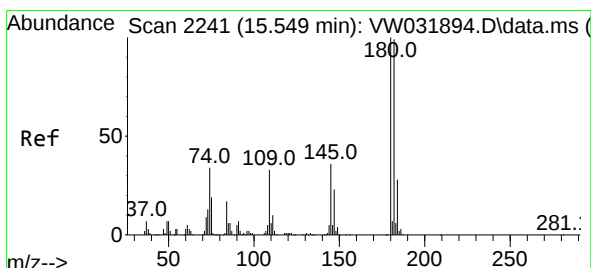
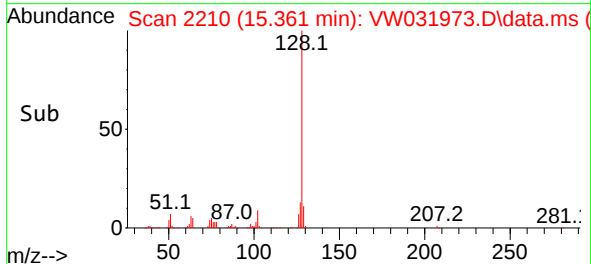
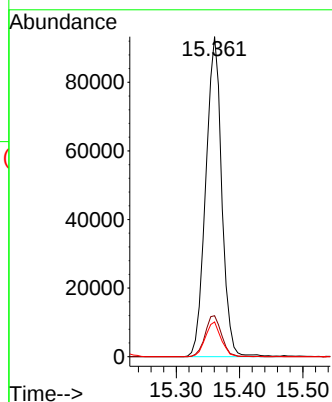
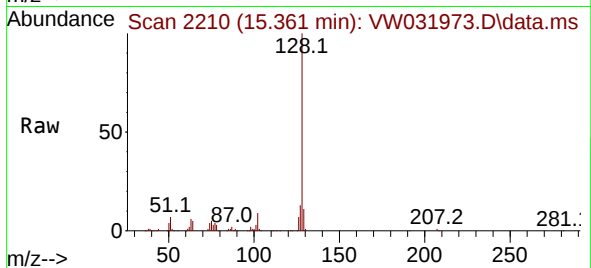
Tgt Ion:128 Resp: 163926

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.7 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 19.207 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031973.D

Acq: 01 Aug 2025 09:49

Tgt Ion:180 Resp: 61654

Ion Ratio Lower Upper

180 100

182 97.2 50.4 151.2

145 38.6 18.6 55.8

