

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031896.D
 Acq On : 22 Jul 2025 12:00
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 23 08:04:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 07:57:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	220427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	410405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	361839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	453594	136.031	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 272.060%#	
35) Dibromofluoromethane	7.898	113	399487	143.249	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 286.500%#	
50) Toluene-d8	10.324	98	1482591	140.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 280.940%#	
62) 4-Bromofluorobenzene	12.617	95	556999	137.437	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 274.880%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.045	85	236321	144.250	ug/l	97
3) Chloromethane	2.259	50	329540	156.720	ug/l	98
4) Vinyl Chloride	2.411	62	412456	151.000	ug/l	99
5) Bromomethane	2.820	94	302212	150.249	ug/l	100
6) Chloroethane	2.972	64	273738	151.843	ug/l	100
7) Trichlorofluoromethane	3.301	101	440230	159.125	ug/l	98
8) Diethyl Ether	3.722	74	261548	141.526	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	390066	146.583	ug/l	99
10) Methyl Iodide	4.307	142	595320	149.628	ug/l	99
11) Tert butyl alcohol	5.210	59	134310	685.235	ug/l	99
12) 1,1-Dichloroethene	4.076	96	442469	150.541	ug/l	93
13) Acrolein	3.929	56	164048	739.113	ug/l	99
14) Allyl chloride	4.697	41	703862	153.834	ug/l	99
15) Acrylonitrile	5.399	53	594863	719.982	ug/l	99
16) Acetone	4.155	43	538491	680.547	ug/l	100
17) Carbon Disulfide	4.417	76	1189183	156.005	ug/l	98
18) Methyl Acetate	4.704	43	318191	145.961	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	688978	135.668	ug/l	98
20) Methylene Chloride	4.947	84	477228	150.364	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	470689	150.934	ug/l	96
22) Diisopropyl ether	6.337	45	1345510	146.962	ug/l	98
23) Vinyl Acetate	6.283	43	4440675	742.410	ug/l	99
24) 1,1-Dichloroethane	6.246	63	856816	150.310	ug/l	100
25) 2-Butanone	7.191	43	749073	691.906	ug/l	95
26) 2,2-Dichloropropane	7.185	77	489368	151.639	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	549658	149.926	ug/l	97
28) Bromochloromethane	7.526	49	350866	147.009	ug/l	97
29) Tetrahydrofuran	7.551	42	493192	694.835	ug/l	100
30) Chloroform	7.691	83	885019	148.076	ug/l	98
31) Cyclohexane	7.965	56	732101	143.155	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	682184	149.995	ug/l	98
36) 1,1-Dichloropropene	8.093	75	632279	147.634	ug/l	99
37) Ethyl Acetate	7.270	43	344416	140.974	ug/l	100
38) Carbon Tetrachloride	8.081	117	623463	151.686	ug/l	98
39) Methylcyclohexane	9.343	83	811686	150.600	ug/l	99
40) Benzene	8.337	78	1867656	147.317	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	204750	142.282	ug/l	96
42) 1,2-Dichloroethane	8.410	62	579516	142.827	ug/l	99
43) Isopropyl Acetate	8.435	43	643412	145.474	ug/l	99
44) Trichloroethene	9.099	130	452970	150.317	ug/l	98
45) 1,2-Dichloropropane	9.373	63	456144	149.396	ug/l	97
46) Dibromomethane	9.465	93	272269	143.854	ug/l	99
47) Bromodichloromethane	9.648	83	685853	151.120	ug/l	96
48) Methyl methacrylate	9.441	41	314142	149.293	ug/l	100
49) 1,4-Dioxane	9.459	88	56346	2983.527	ug/l #	83
51) 4-Methyl-2-Pentanone	10.209	43	1683322	695.441	ug/l	99
52) Toluene	10.392	92	1214012	148.962	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	679932	156.179	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	759882	152.840	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	363045	144.405	ug/l	92
56) Ethyl methacrylate	10.648	69	540138	152.123	ug/l	99
57) 1,3-Dichloropropane	10.934	76	632065	142.707	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	1375316	754.091	ug/l	98
59) 2-Hexanone	10.971	43	1166153	693.111	ug/l	100
60) Dibromochloromethane	11.129	129	442293	150.890	ug/l	100
61) 1,2-Dibromoethane	11.239	107	357193	143.785	ug/l	97
64) Tetrachloroethene	10.867	164	350332	146.849	ug/l	96
65) Chlorobenzene	11.660	112	1308167	147.719	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	415946	151.507	ug/l	99
67) Ethyl Benzene	11.727	91	2319514	149.072	ug/l	97
68) m/p-Xylenes	11.836	106	1740273	297.100	ug/l	100
69) o-Xylene	12.166	106	846824	152.763	ug/l	99
70) Styrene	12.178	104	1419800	150.432	ug/l	99
71) Bromoform	12.349	173	228504	152.187	ug/l #	99
73) Isopropylbenzene	12.458	105	2118035	151.692	ug/l	99
74) N-amyl acetate	12.269	43	565165	149.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	419030	141.385	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	542704	246.333	ug/l #	100
77) Bromobenzene	12.745	156	452752	149.865	ug/l	95
78) n-propylbenzene	12.800	91	2550787	148.745	ug/l	98
79) 2-Chlorotoluene	12.891	91	1538753	150.285	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1765381	150.754	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	151238	157.156	ug/l	96
82) 4-Chlorotoluene	12.983	91	1582046	147.284	ug/l	98
83) tert-Butylbenzene	13.202	119	1484103	148.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	1754255	148.004	ug/l	99
85) sec-Butylbenzene	13.379	105	2245185	149.881	ug/l	99
86) p-Isopropyltoluene	13.495	119	1828574	147.687	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	897163	142.664	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	860596	139.697	ug/l	97
89) n-Butylbenzene	13.818	91	1809075	148.944	ug/l	97
90) Hexachloroethane	14.086	117	338316	158.018	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	794424	142.542	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	77276	144.321	ug/l	98
93) 1,2,4-Trichlorobenzene	15.122	180	487461	145.031	ug/l	93
94) Hexachlorobutadiene	15.226	225	234457	147.210	ug/l	96
95) Naphthalene	15.360	128	1247633	150.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	444087	145.827	ug/l	96

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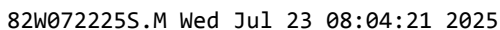
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MSVOA_W
ClientSampleId :
VSTDICC150

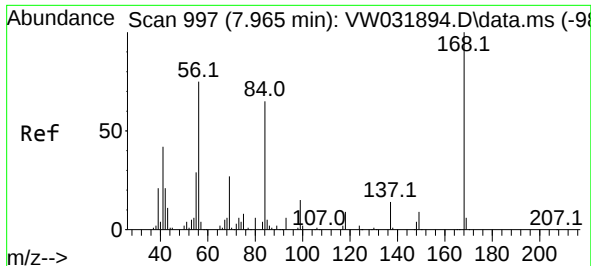
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Quant Title : SW846 8260
QLast Update : Wed Jul 23 07:57:09 2025
Response via : Initial Calibration

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

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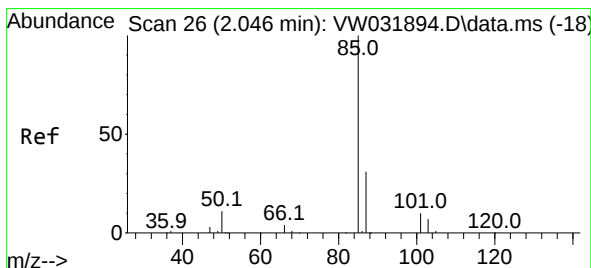
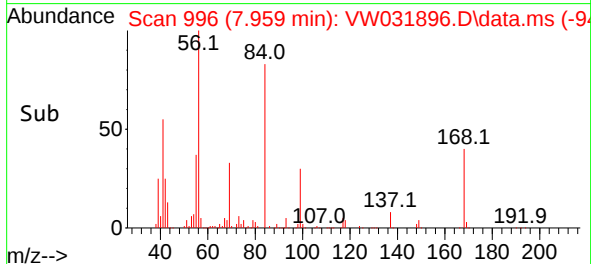
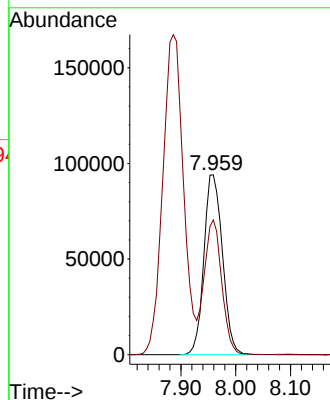
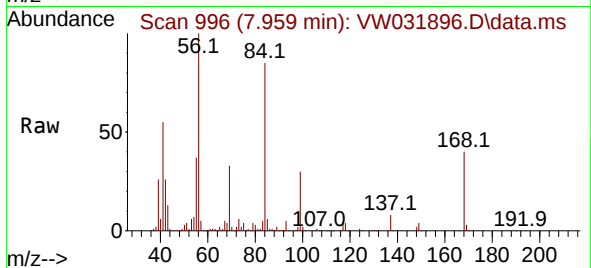




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

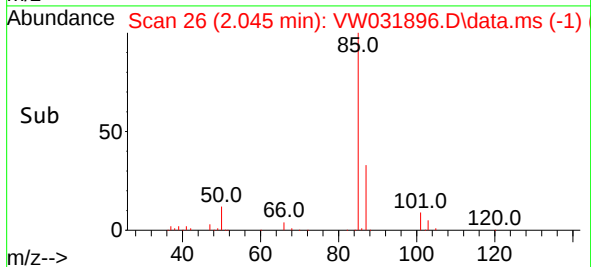
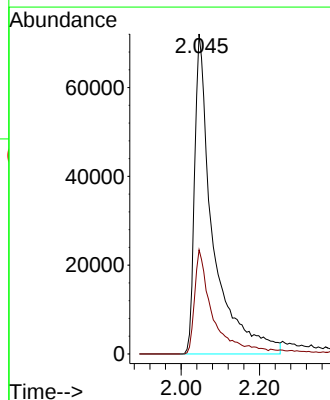
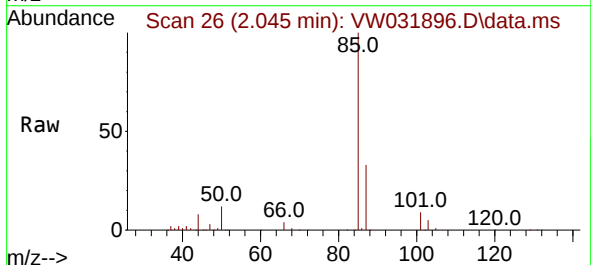
Instrument :
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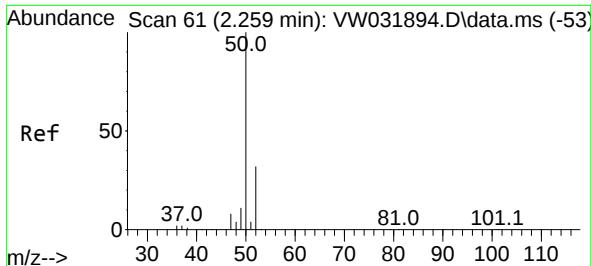
Tgt Ion:168 Resp: 220427
Ion Ratio Lower Upper
168 100
99 74.6 48.2 72.2#



#2
Dichlorodifluoromethane
Concen: 144.250 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 85 Resp: 236321
Ion Ratio Lower Upper
85 100
87 32.6 15.5 46.5

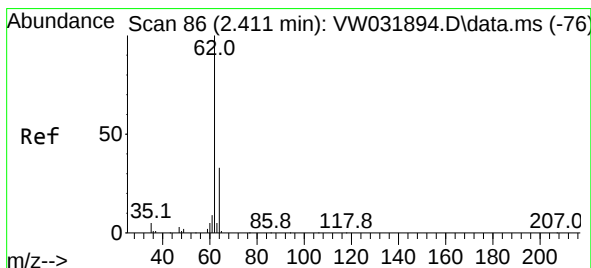
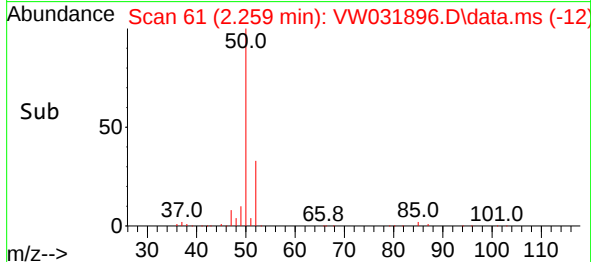
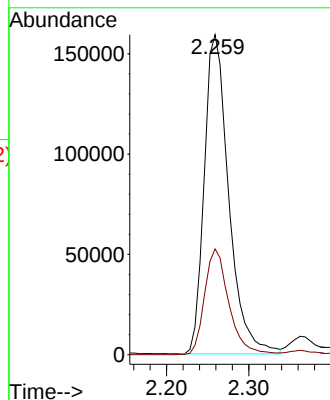
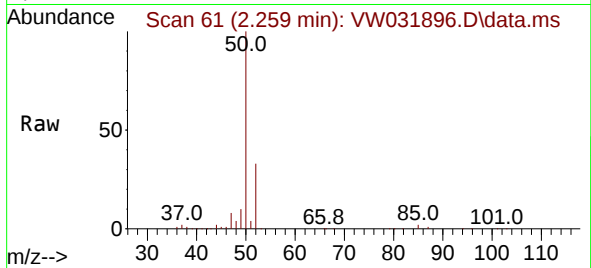




#3
Chloromethane
Concen: 156.720 ug/l
RT: 2.259 min Scan# 61
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

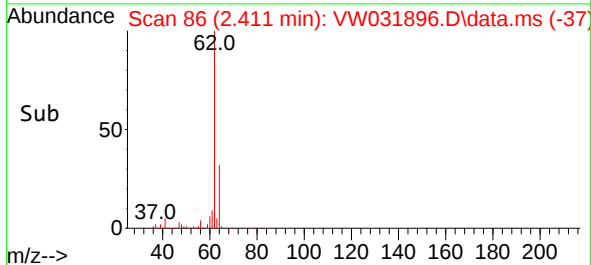
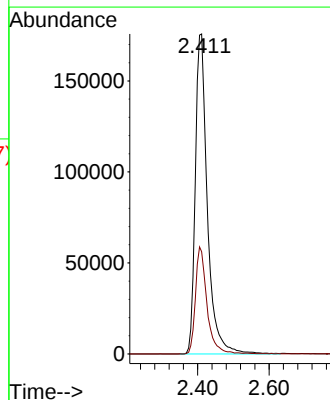
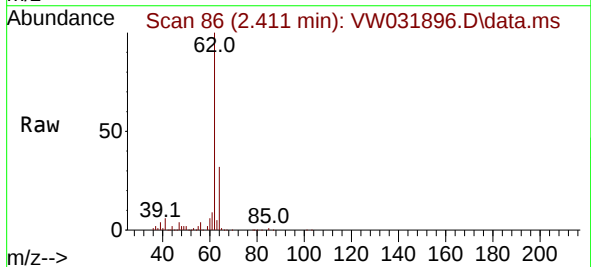
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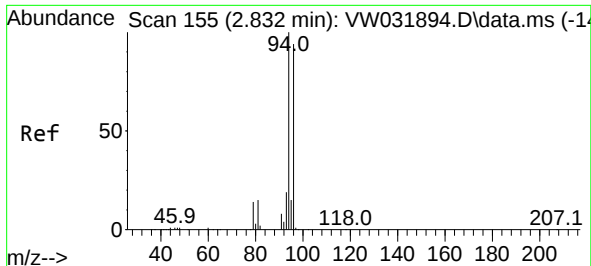
Tgt Ion: 50 Resp: 329540
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 151.000 ug/l
RT: 2.411 min Scan# 86
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 62 Resp: 412456
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

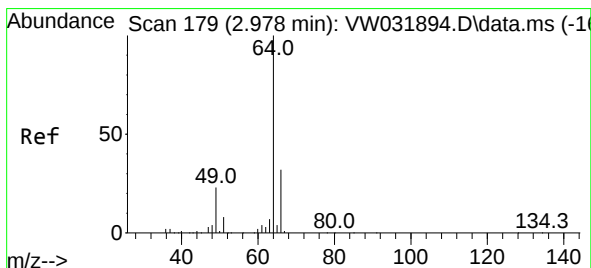
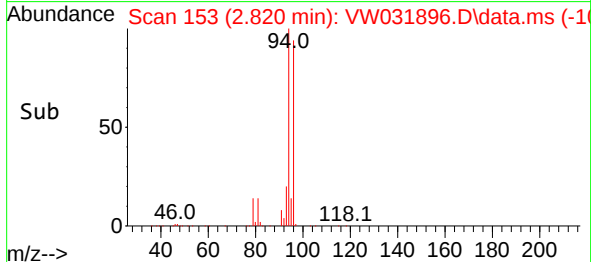
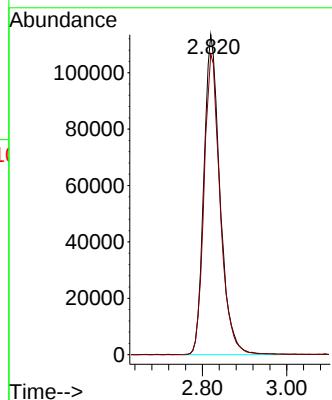
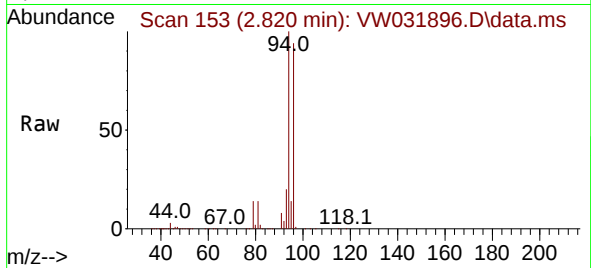




#5
Bromomethane
Concen: 150.249 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

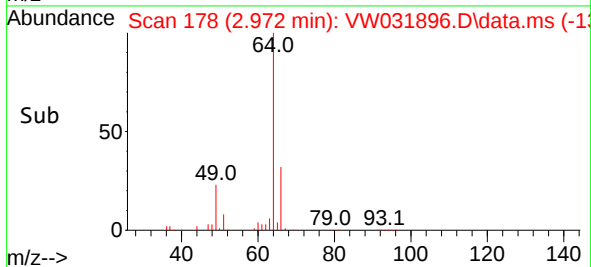
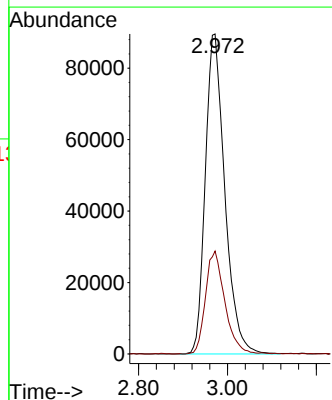
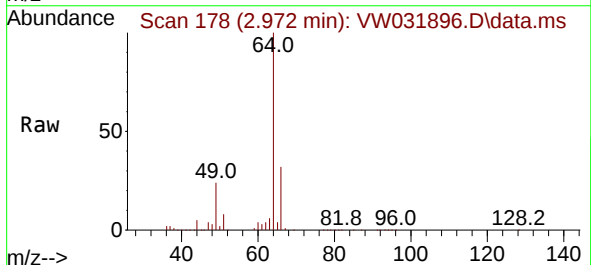
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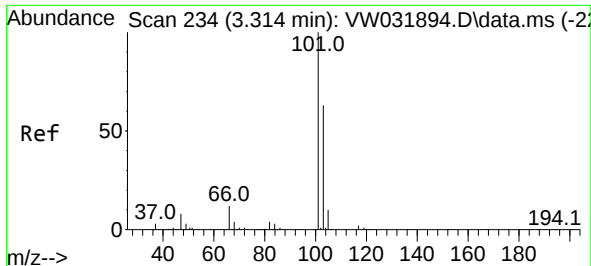
Tgt Ion: 94 Resp: 302212
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.6



#6
Chloroethane
Concen: 151.843 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 64 Resp: 273738
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

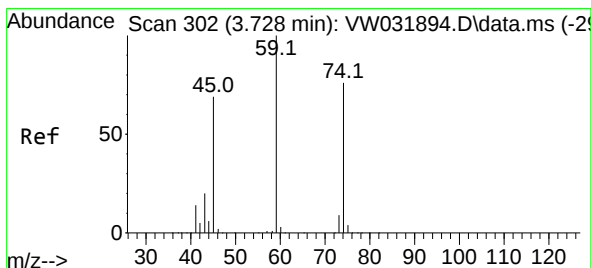
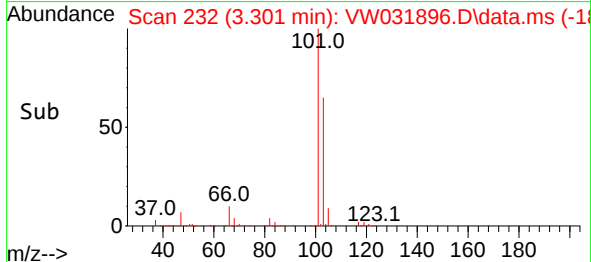
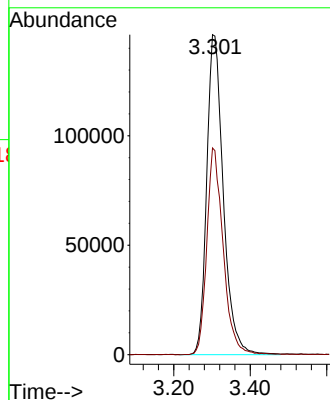
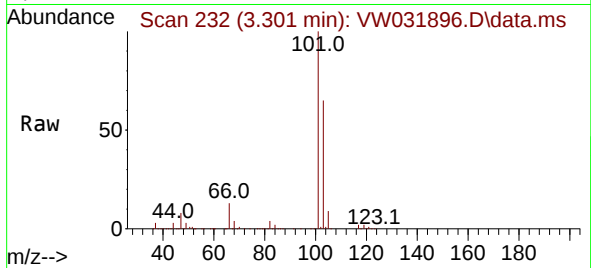




#7
 Trichlorofluoromethane
 Concen: 159.125 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

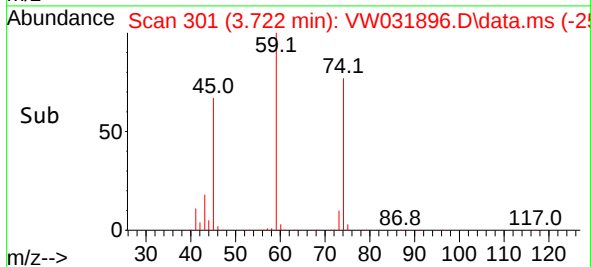
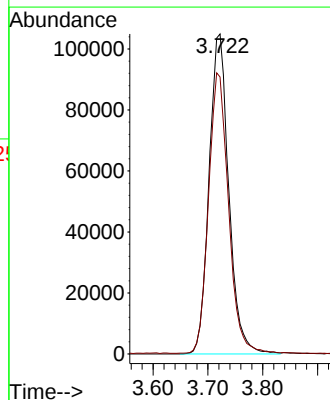
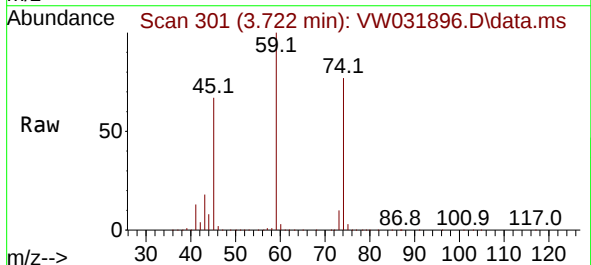
Instrument :
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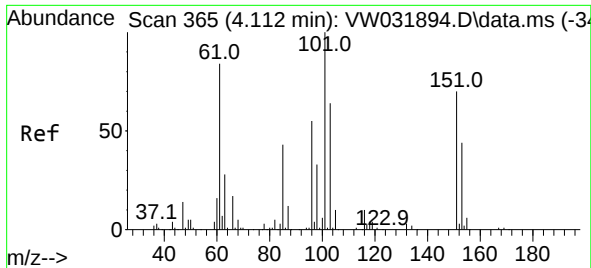
Tgt Ion:101 Resp: 440230
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 141.526 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

Tgt Ion: 74 Resp: 261548
 Ion Ratio Lower Upper
 74 100
 45 88.8 45.5 136.5

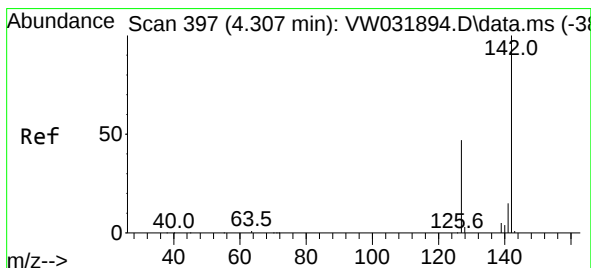
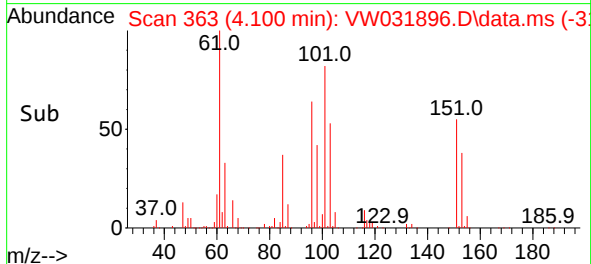
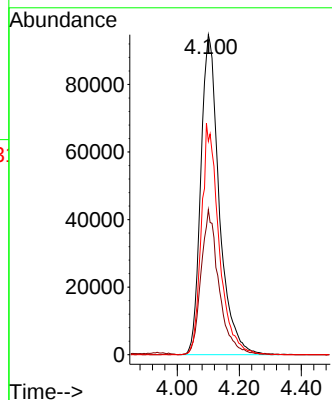
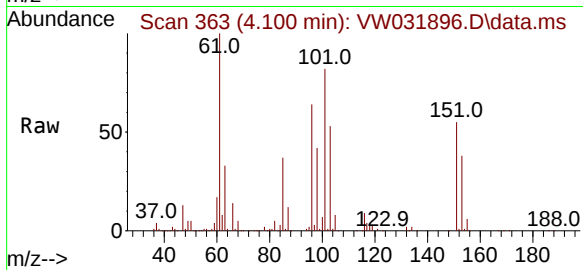




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 146.583 ug/l
 RT: 4.100 min Scan# 363
 Delta R.T. -0.012 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

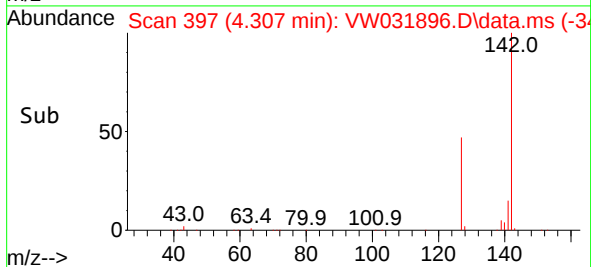
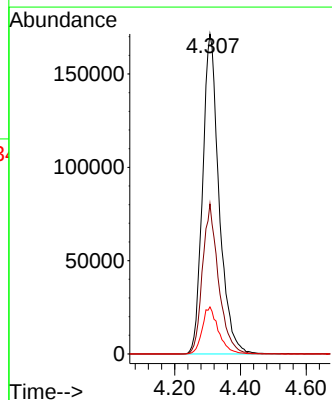
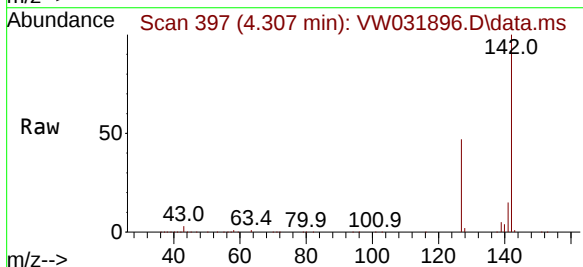
Instrument :
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 ClientSampleId :
 VSTDIC150

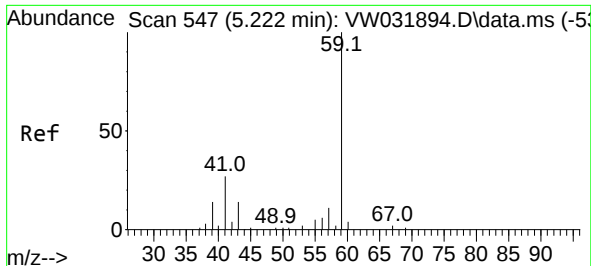
Tgt Ion:101 Resp: 390066
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.5 53.3
 151 69.1 54.6 81.8



#10
 Methyl Iodide
 Concen: 149.628 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

Tgt Ion:142 Resp: 595320
 Ion Ratio Lower Upper
 142 100
 127 45.8 37.4 56.2
 141 14.5 11.9 17.9

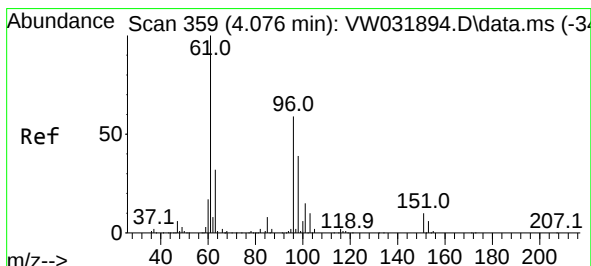
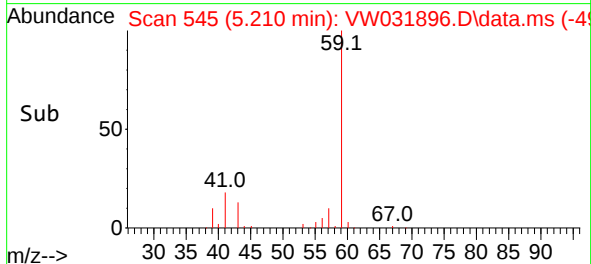
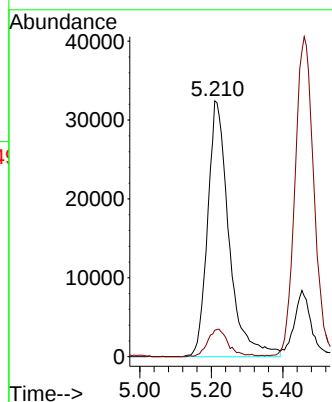
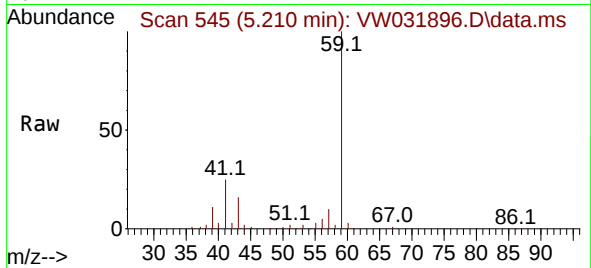




#11
Tert butyl alcohol
Concen: 685.235 ug/l
RT: 5.210 min Scan# 545
Delta R.T. -0.012 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

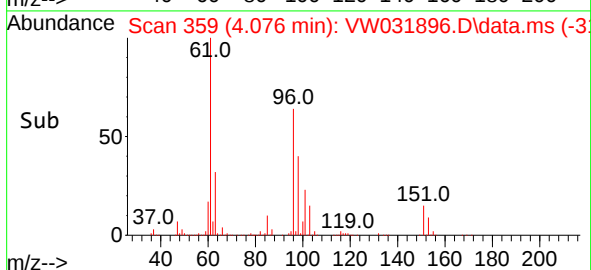
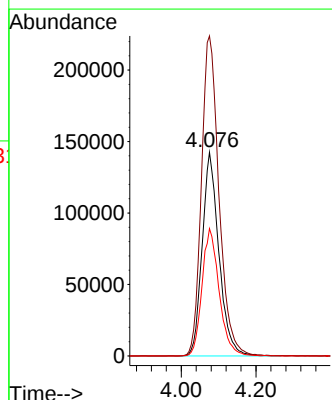
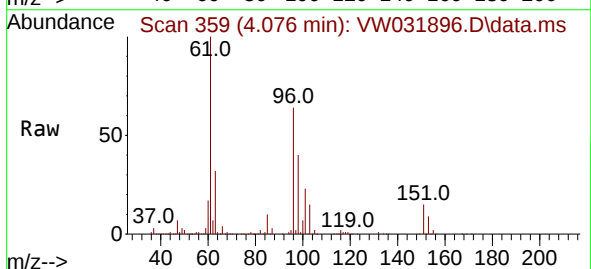
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 134310
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 150.541 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 96 Resp: 442469
Ion Ratio Lower Upper
96 100
61 157.1 135.0 202.6
98 62.5 52.3 78.5

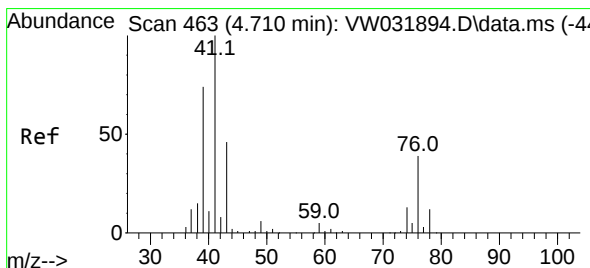
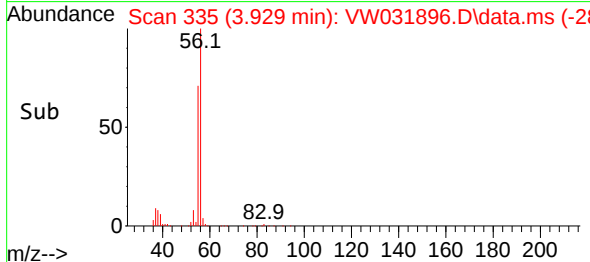
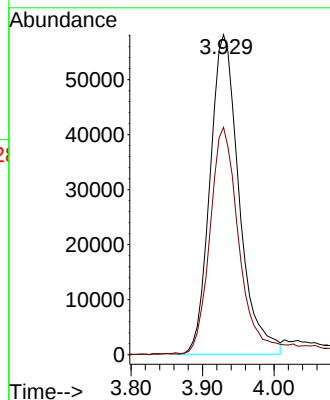
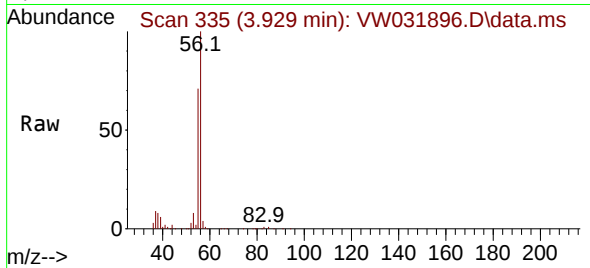




#13
Acrolein
Concen: 739.113 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

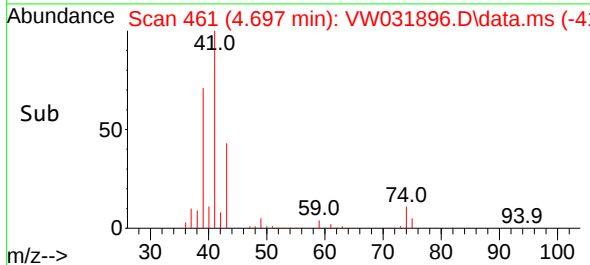
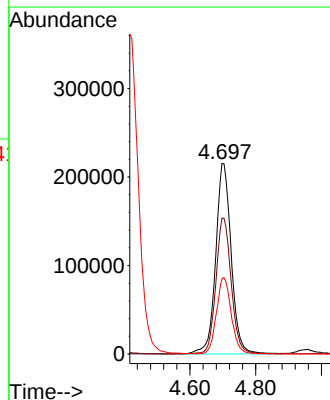
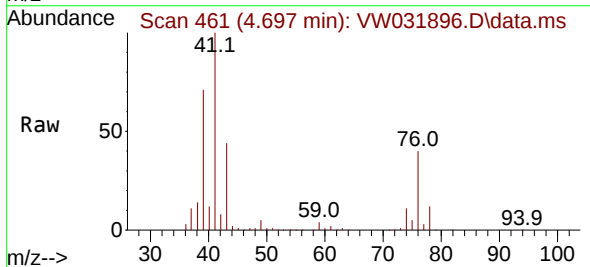
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ClientSampleId :
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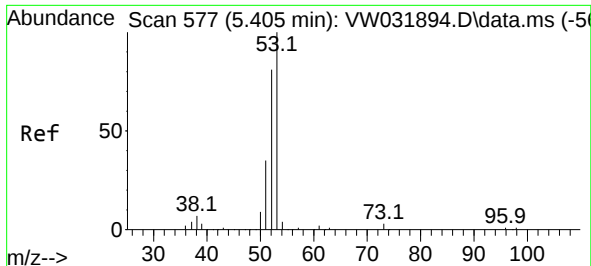
Tgt Ion: 56 Resp: 164048
Ion Ratio Lower Upper
56 100
55 71.8 56.7 85.1



#14
Allyl chloride
Concen: 153.834 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 41 Resp: 703862
Ion Ratio Lower Upper
41 100
39 70.2 56.6 85.0
76 38.0 30.1 45.1

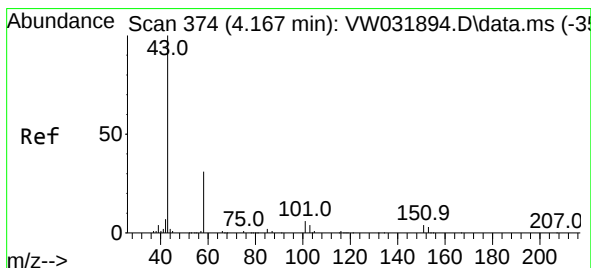
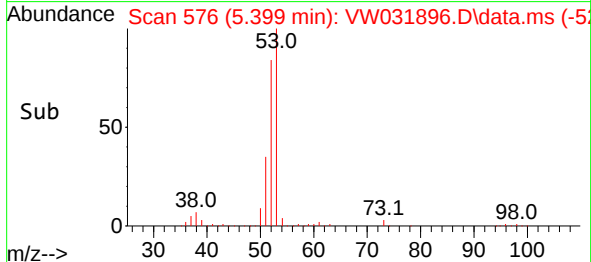
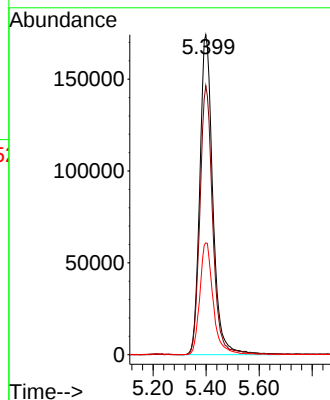
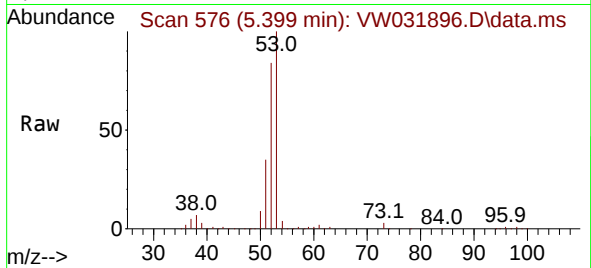




#15
Acrylonitrile
Concen: 719.982 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

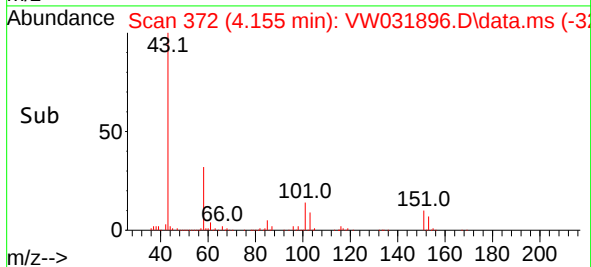
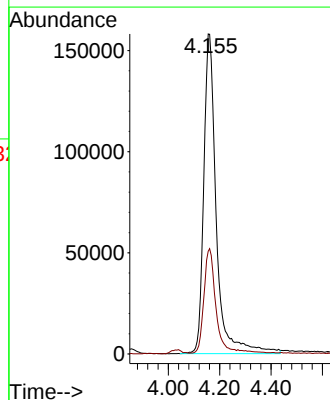
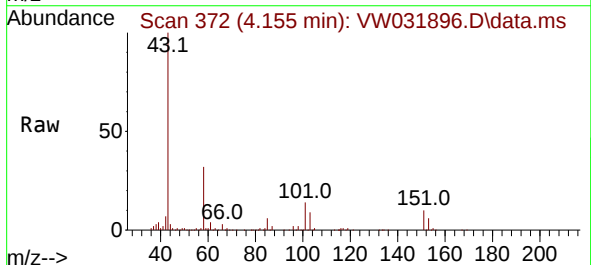
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ClientSampleId :
VSTDIC150

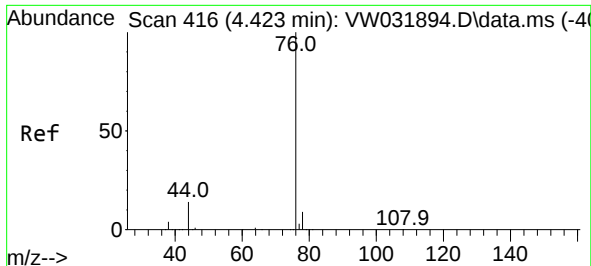
Tgt Ion: 53 Resp: 594863
Ion Ratio Lower Upper
53 100
52 82.9 67.0 100.4
51 36.0 29.9 44.9



#16
Acetone
Concen: 680.547 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 43 Resp: 538491
Ion Ratio Lower Upper
43 100
58 31.8 25.5 38.3

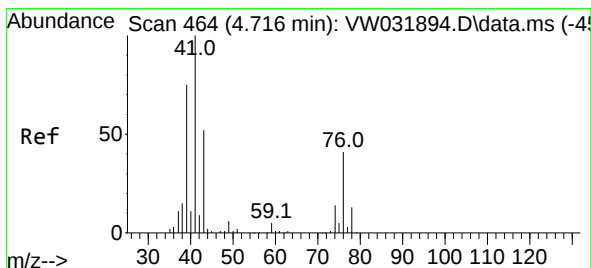
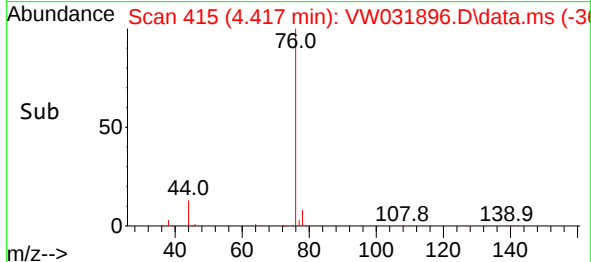
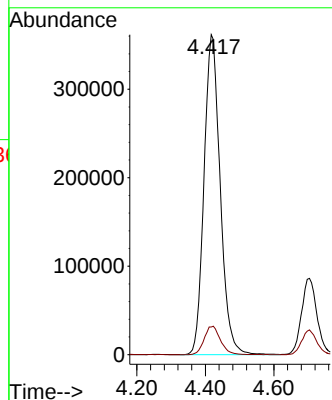
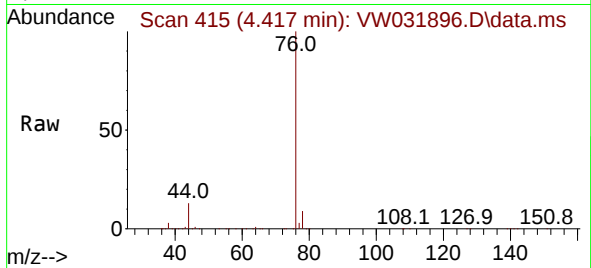




#17
Carbon Disulfide
Concen: 156.005 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

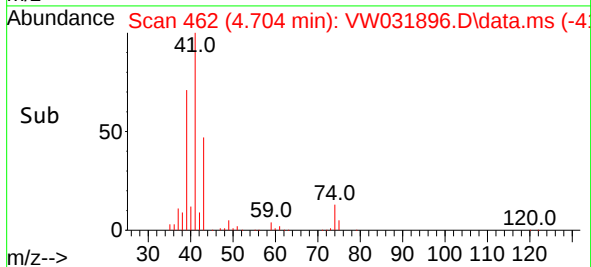
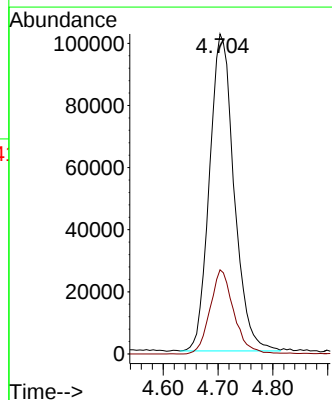
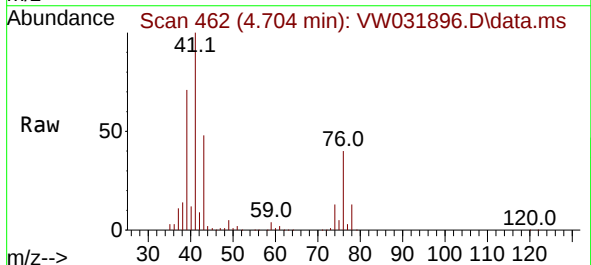
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

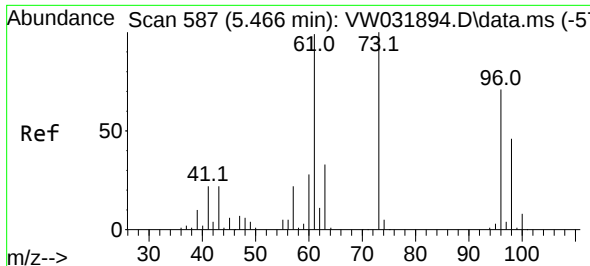
Tgt Ion: 76 Resp: 1189183
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 145.961 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 43 Resp: 318191
Ion Ratio Lower Upper
43 100
74 25.7 20.6 31.0

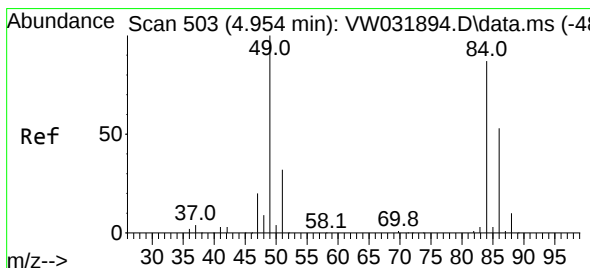
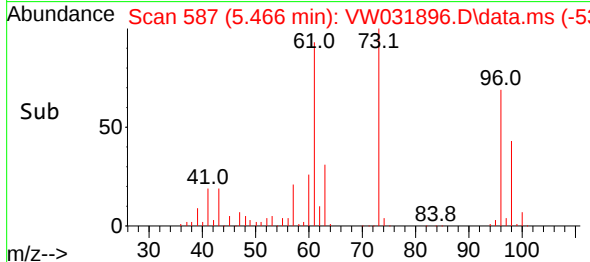
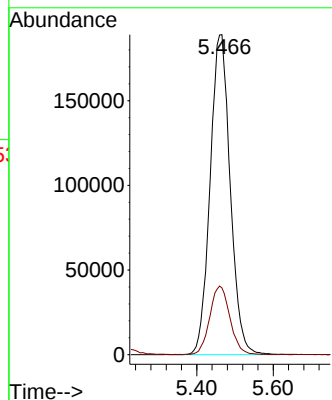
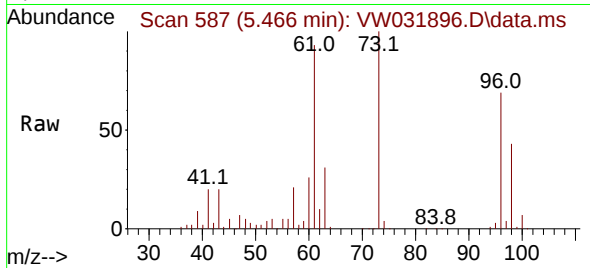




#19
Methyl tert-butyl Ether
Concen: 135.668 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

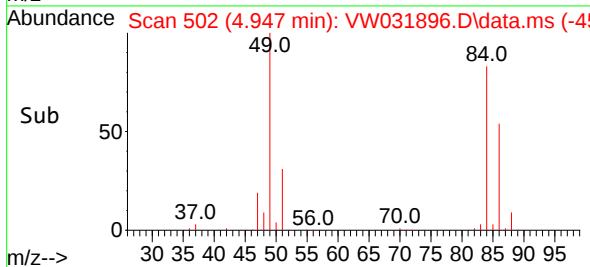
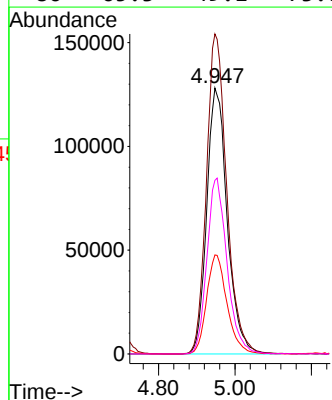
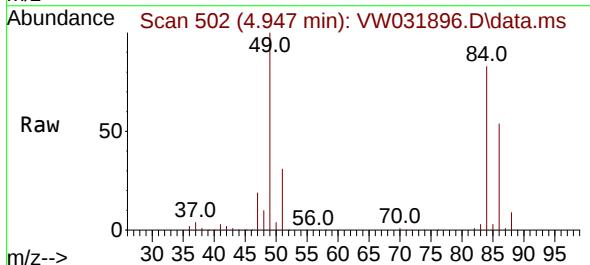
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

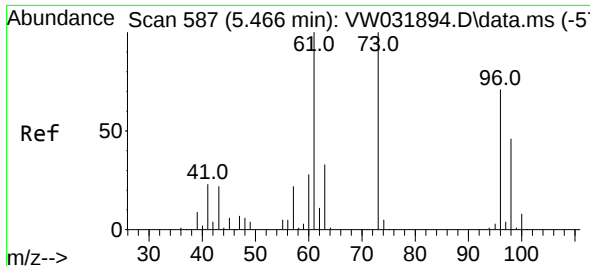
Tgt Ion: 73 Resp: 688978
Ion Ratio Lower Upper
73 100
57 20.8 17.5 26.3



#20
Methylene Chloride
Concen: 150.364 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.007 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 84 Resp: 477228
Ion Ratio Lower Upper
84 100
49 120.3 91.9 137.9
51 37.2 29.0 43.6
86 65.3 49.1 73.7

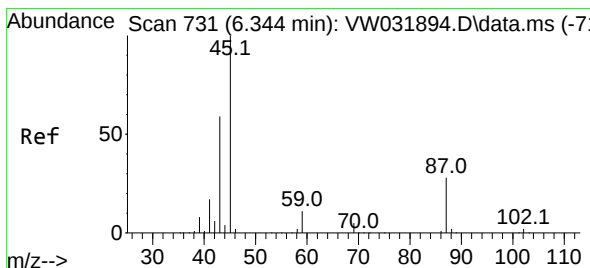
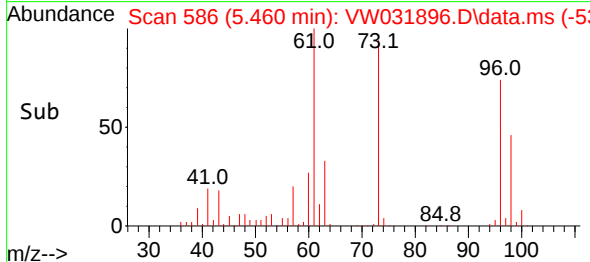
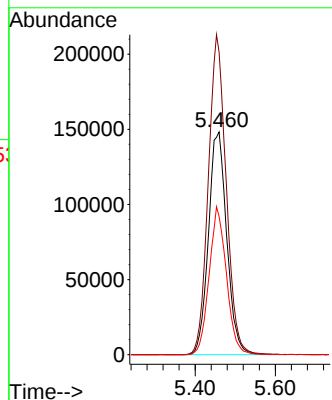
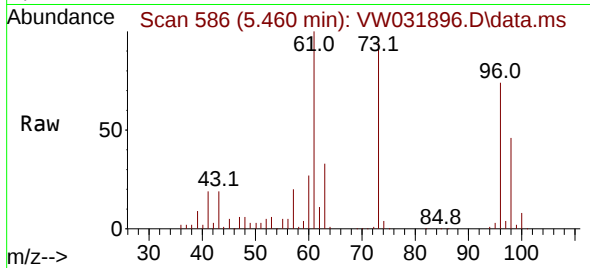




#21
trans-1,2-Dichloroethene
Concen: 150.934 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

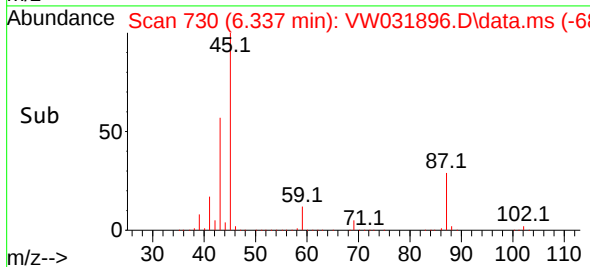
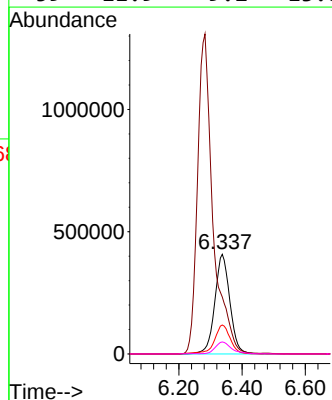
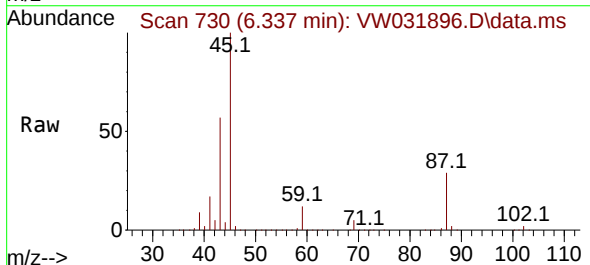
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ClientSampleId :
VSTDIC150

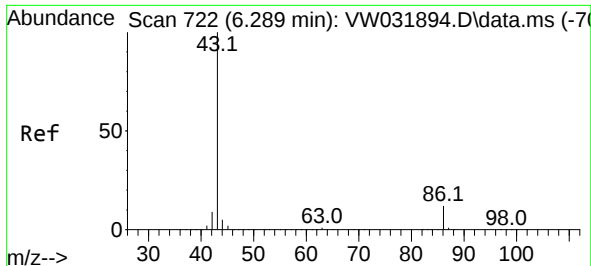
Tgt Ion: 96 Resp: 470689
Ion Ratio Lower Upper
96 100
61 135.8 112.8 169.2
98 62.0 51.9 77.9



#22
Diisopropyl ether
Concen: 146.962 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 45 Resp: 1345510
Ion Ratio Lower Upper
45 100
43 57.0 47.0 70.6
87 29.0 22.8 34.2
59 11.9 9.2 13.8

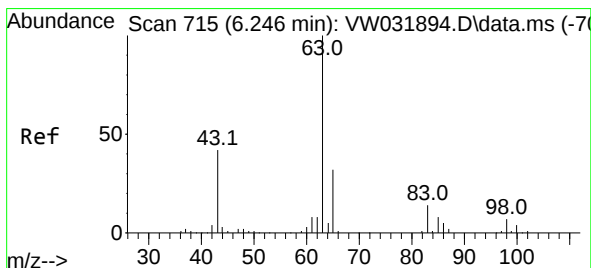
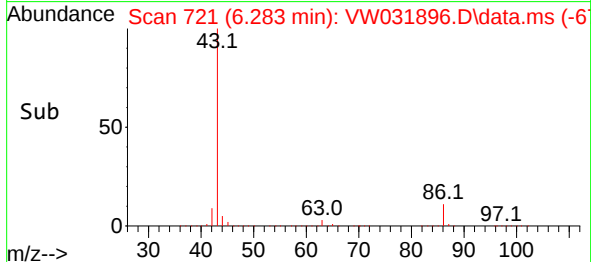
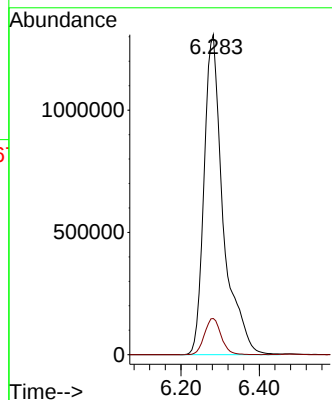
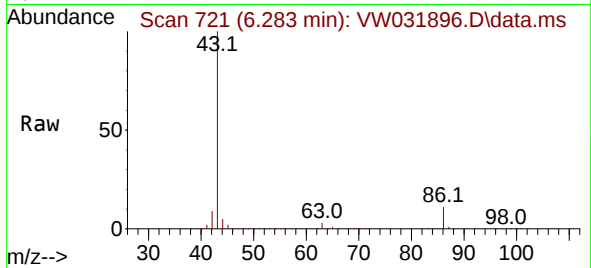




#23
 Vinyl Acetate
 Concen: 742.410 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

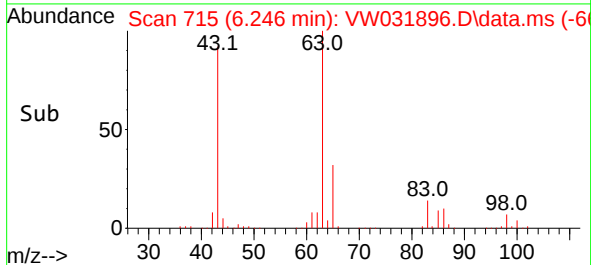
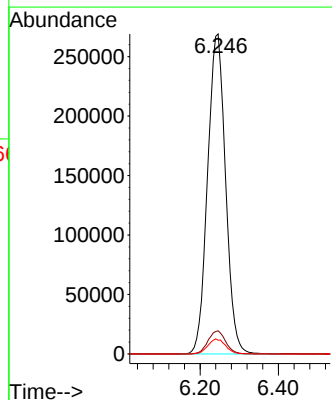
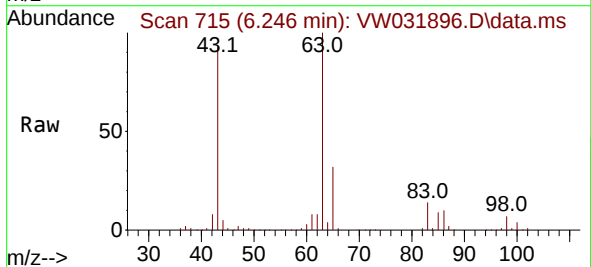
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

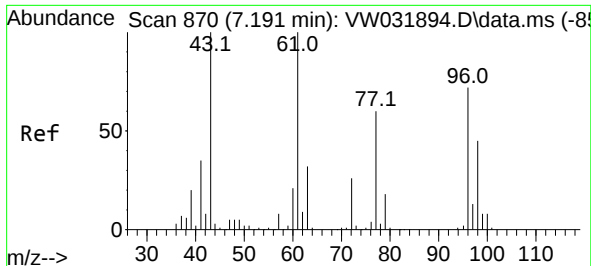
Tgt Ion: 43 Resp: 4440675
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 150.310 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

Tgt Ion: 63 Resp: 856816
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.3 2.2 6.6

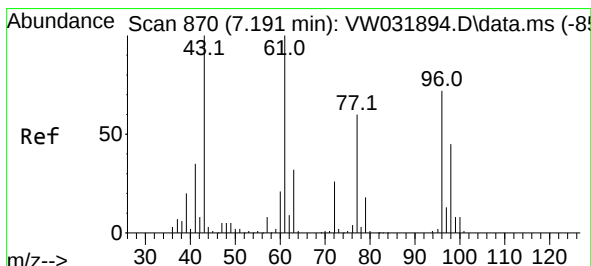
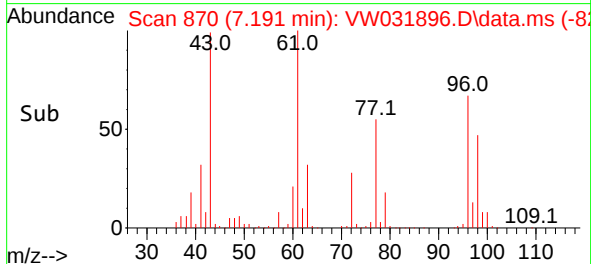
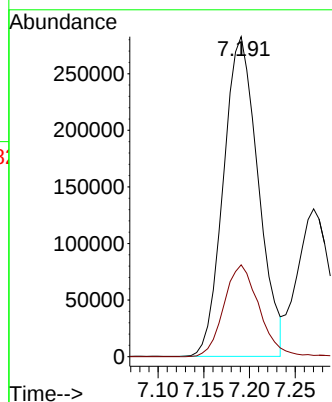
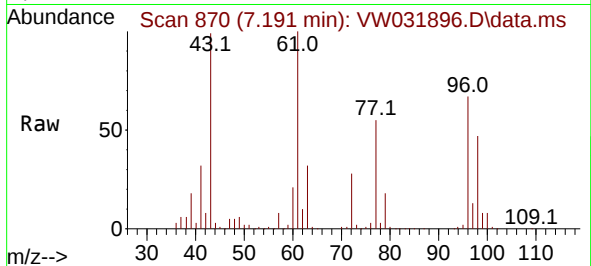




#25
2-Butanone
Concen: 691.906 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

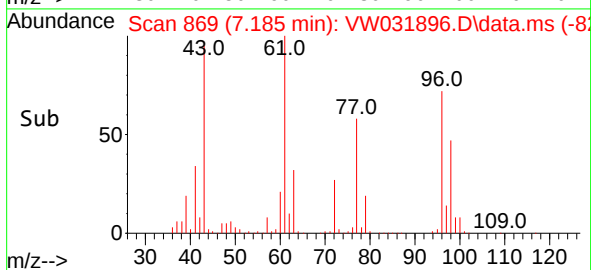
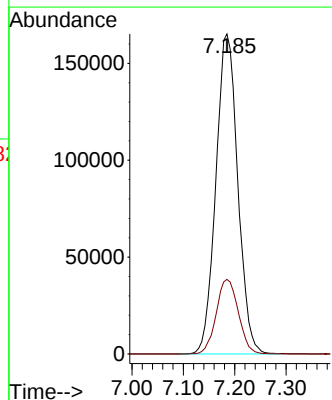
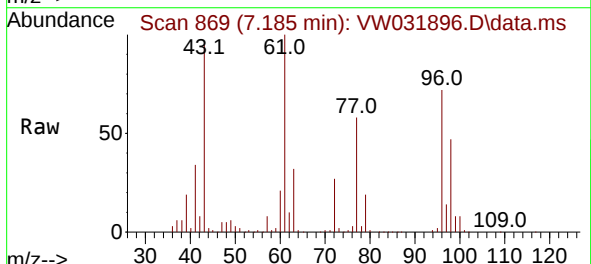
Instrument :
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ClientSampleId :
VSTDIC150

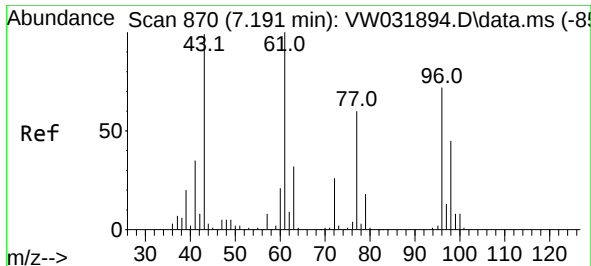
Tgt Ion: 43 Resp: 749073
Ion Ratio Lower Upper
43 100
72 28.7 20.8 31.2



#26
2,2-Dichloropropane
Concen: 151.639 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 77 Resp: 489368
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 149.926 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

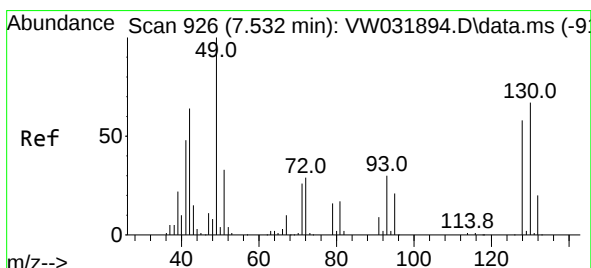
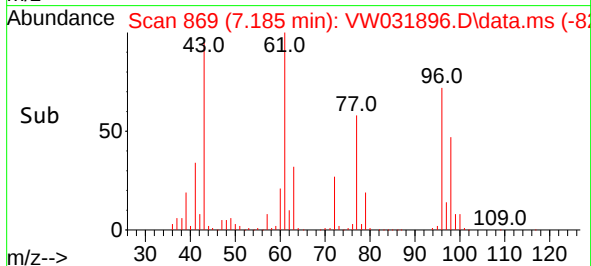
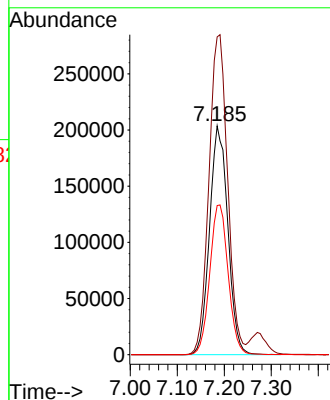
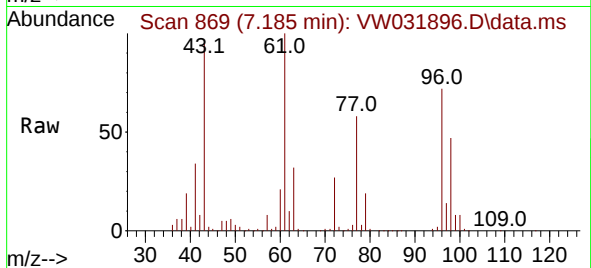
Tgt Ion: 96 Resp: 549658

Ion Ratio Lower Upper

96 100

61 143.3 0.0 280.2

98 65.8 0.0 126.8



#28

Bromochloromethane

Concen: 147.009 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

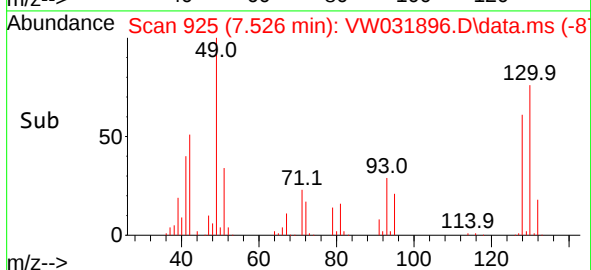
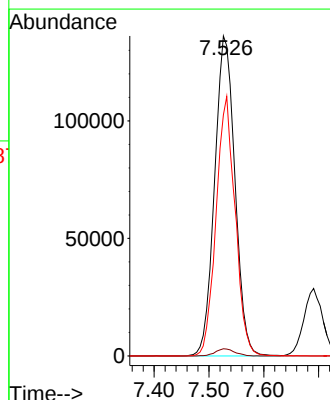
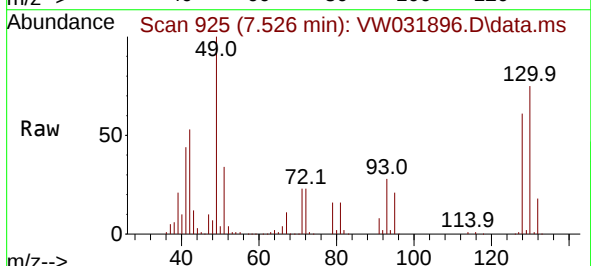
Tgt Ion: 49 Resp: 350866

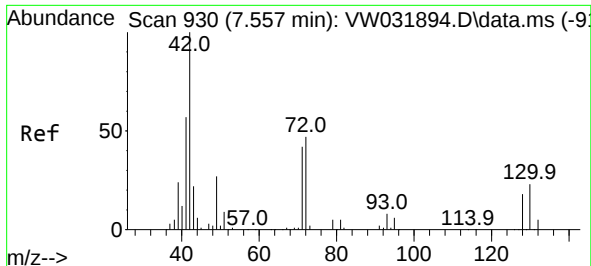
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 76.2 59.0 88.4

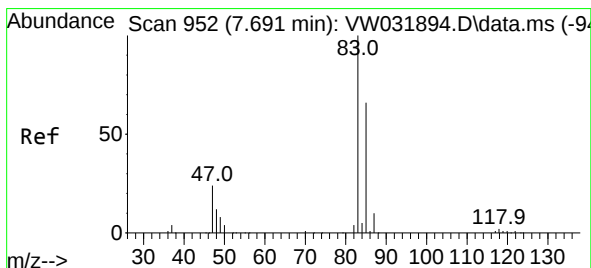
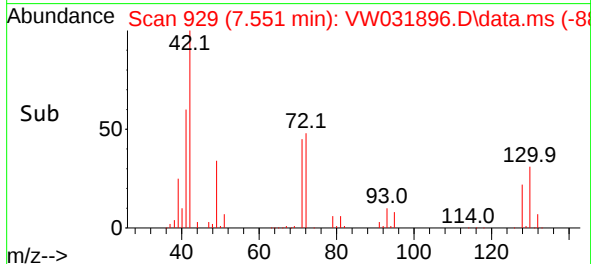
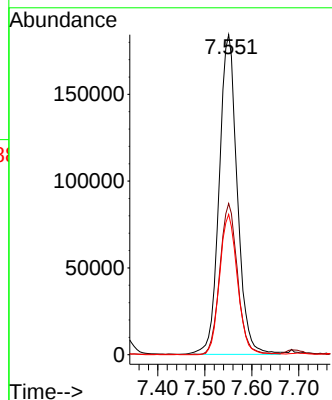
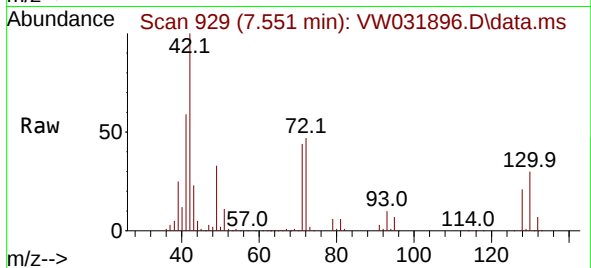




#29
Tetrahydrofuran
Concen: 694.835 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

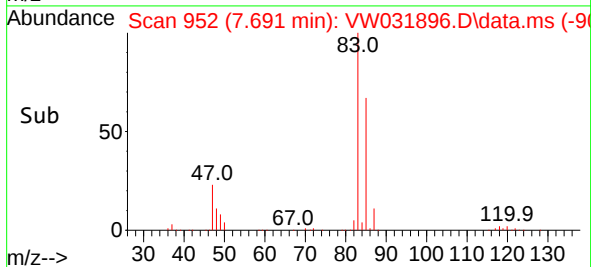
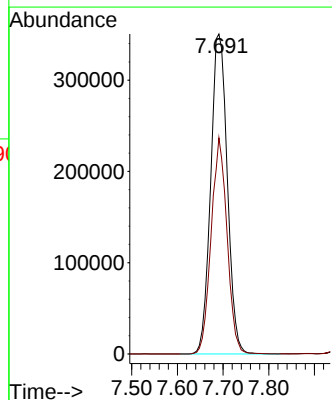
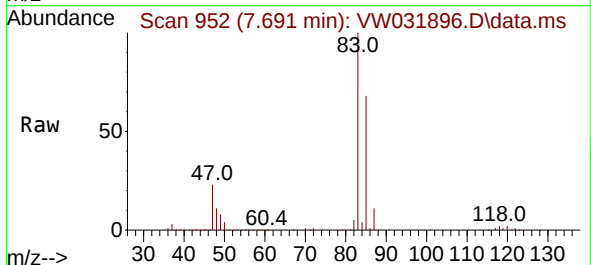
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

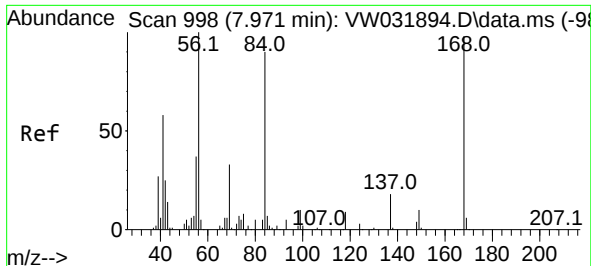
Tgt Ion: 42 Resp: 493192
Ion Ratio Lower Upper
42 100
72 46.2 37.0 55.6
71 43.6 34.5 51.7



#30
Chloroform
Concen: 148.076 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 83 Resp: 885019
Ion Ratio Lower Upper
83 100
85 67.5 52.6 78.8

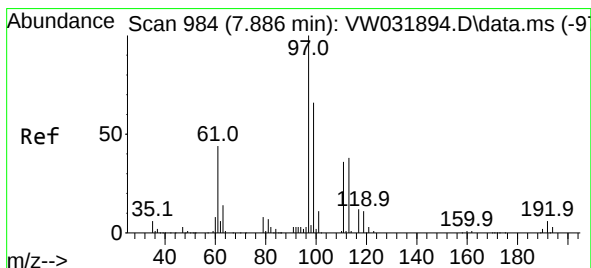
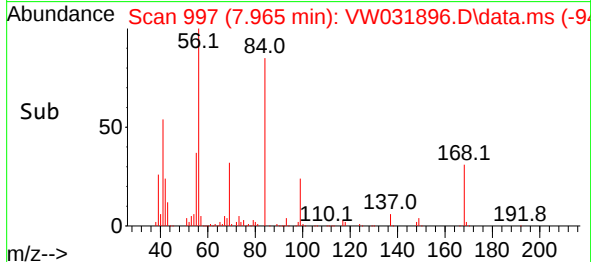
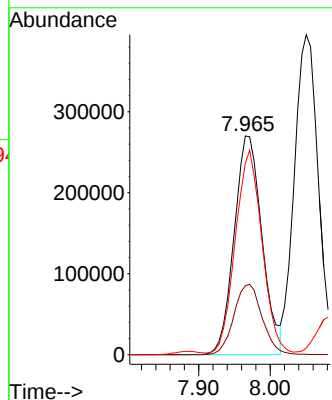
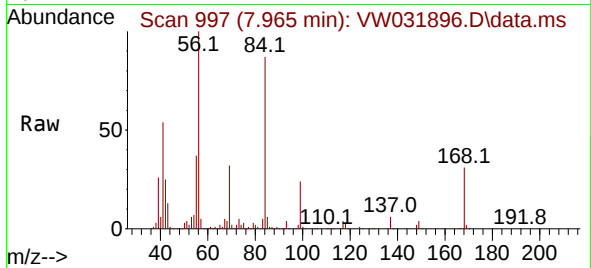




#31
Cyclohexane
Concen: 143.155 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

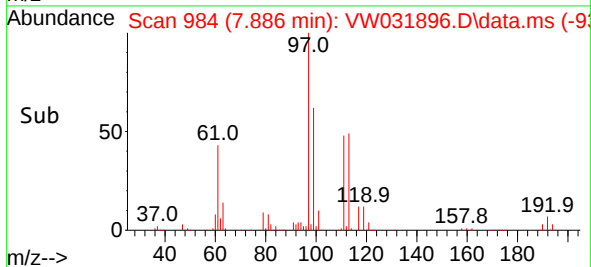
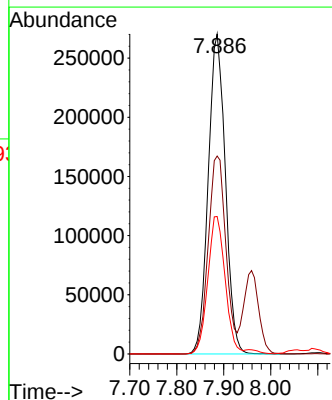
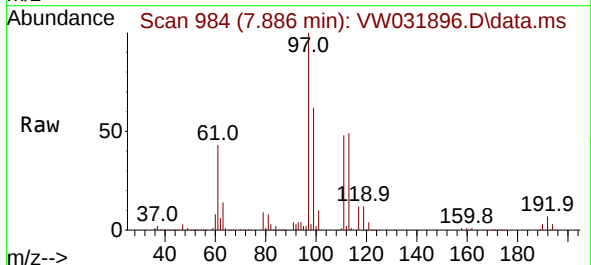
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

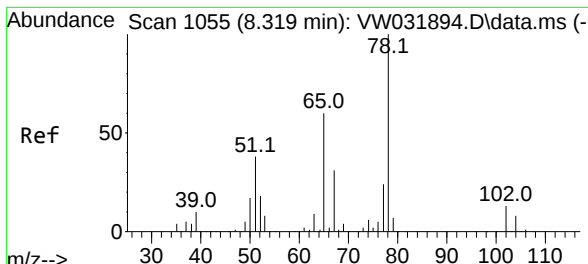
Tgt Ion: 56 Resp: 732101
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 86.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 149.995 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 97 Resp: 682184
Ion Ratio Lower Upper
97 100
99 64.4 53.0 79.4
61 43.6 35.4 53.0

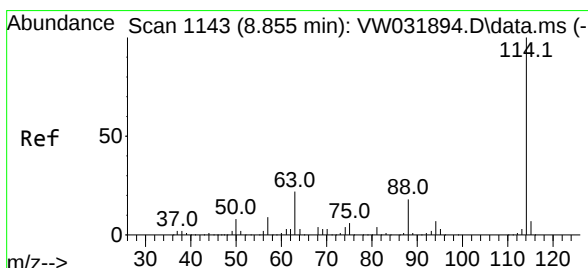
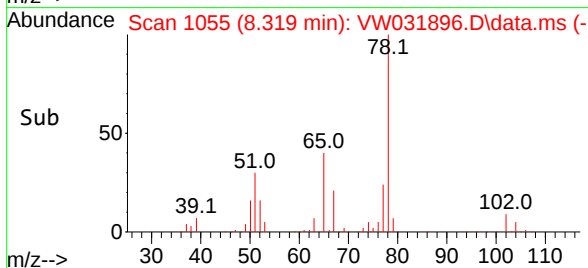
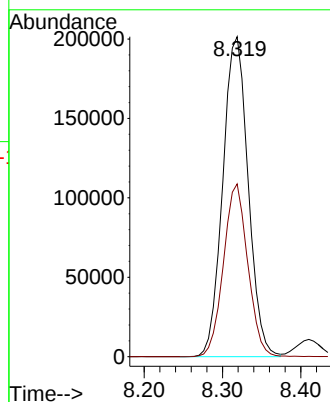
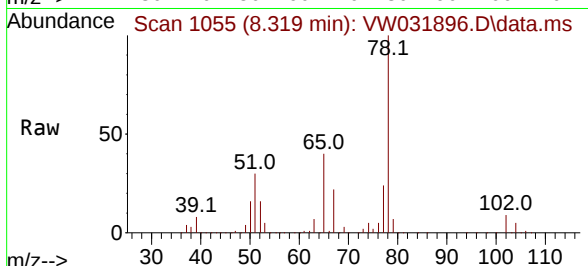




#33
 1,2-Dichloroethane-d4
 Concen: 136.031 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

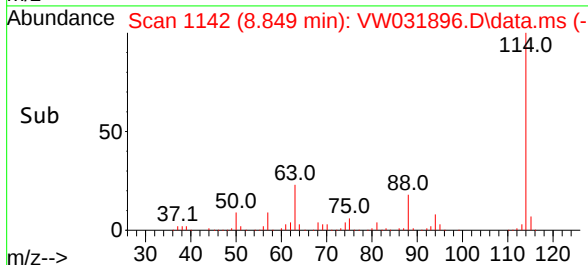
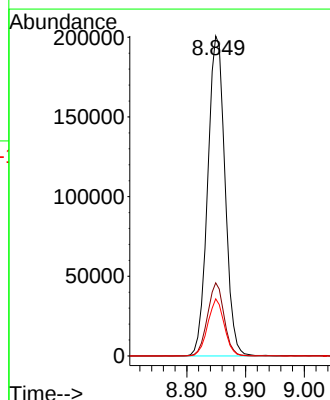
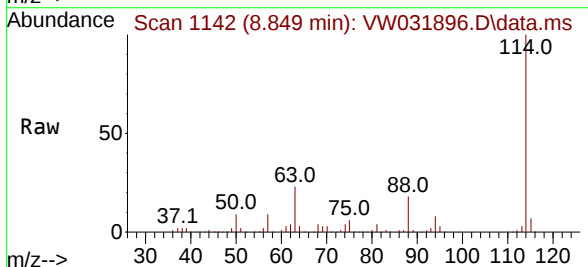
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

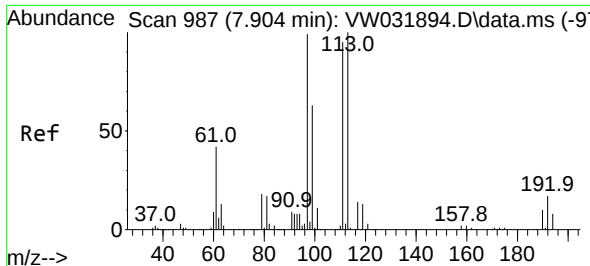
Tgt Ion: 65 Resp: 453594
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

Tgt Ion: 114 Resp: 410405
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.2
 88 17.9 0.0 35.6

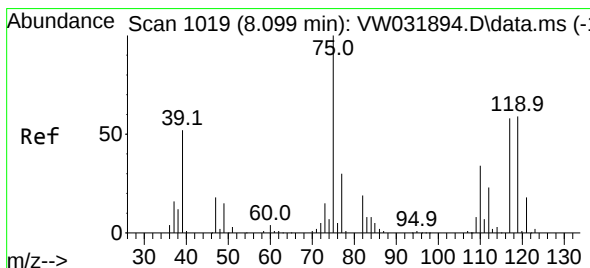
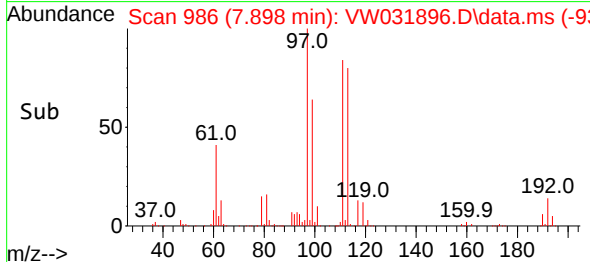
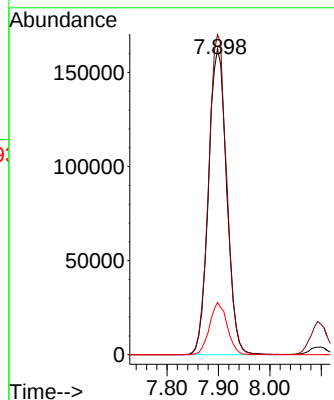
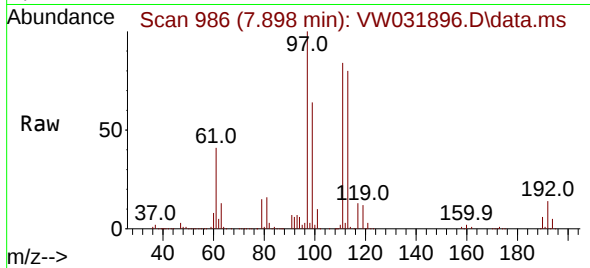




#35
 Dibromofluoromethane
 Concen: 143.249 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

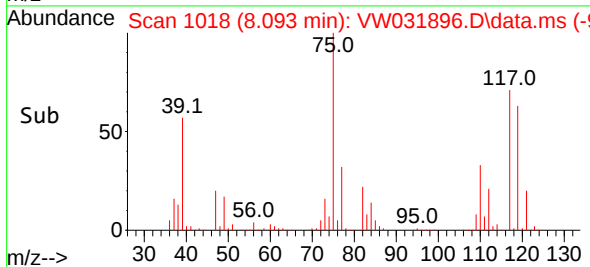
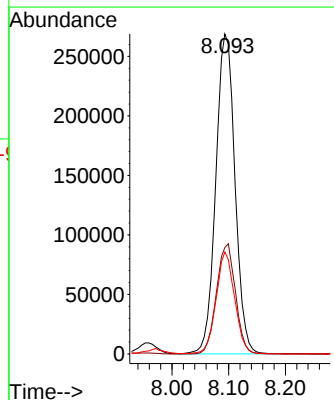
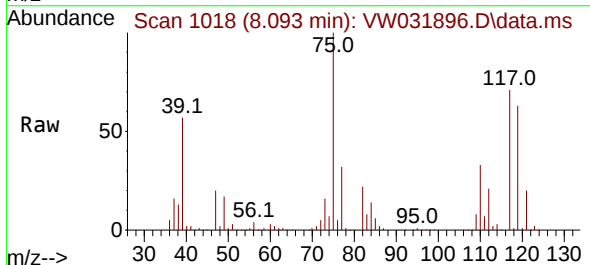
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

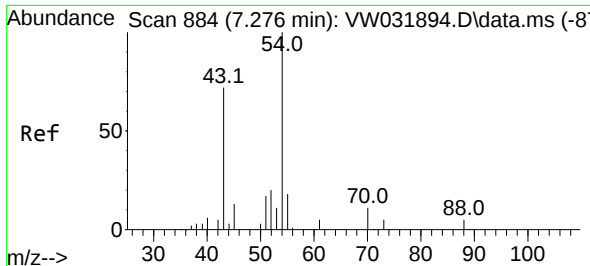
Tgt Ion:113 Resp: 399487
 Ion Ratio Lower Upper
 113 100
 111 103.4 79.9 119.9
 192 16.5 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 147.634 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

Tgt Ion: 75 Resp: 632279
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.0 50.9
 77 30.7 25.1 37.7

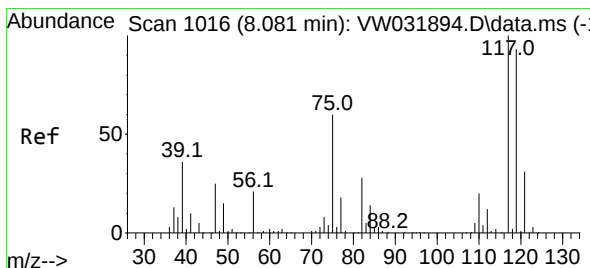
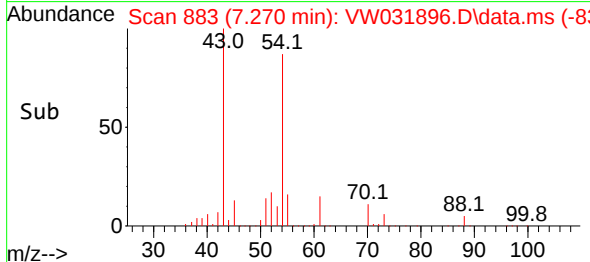
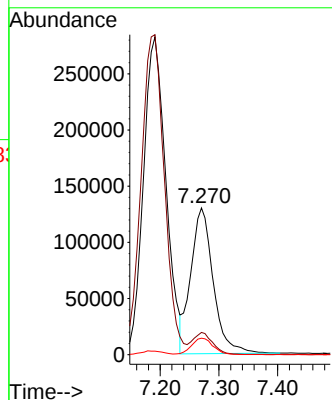
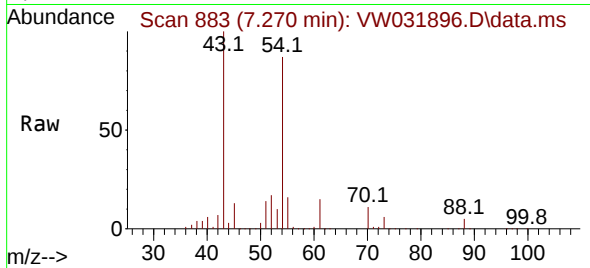




#37
Ethyl Acetate
Concen: 140.974 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

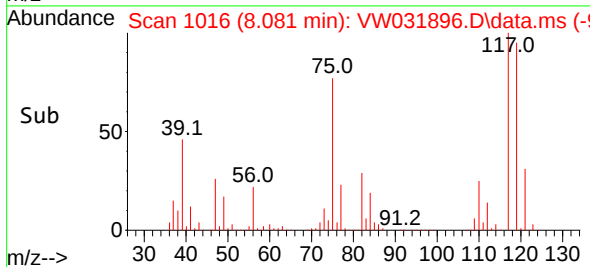
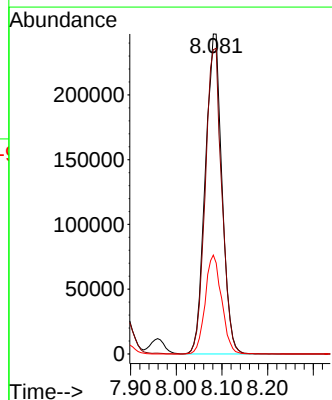
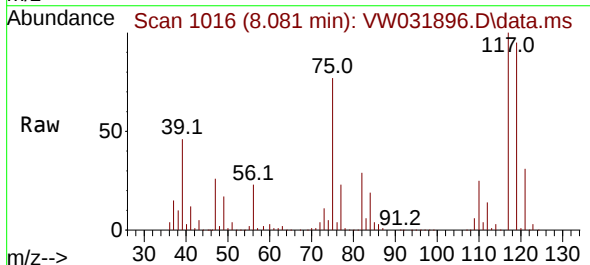
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

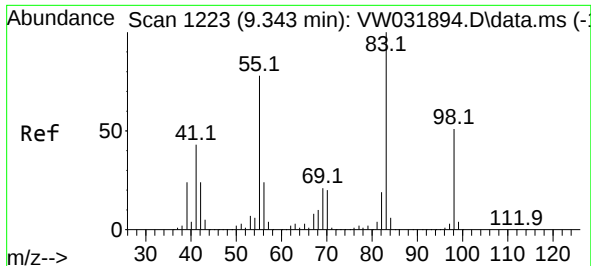
Tgt Ion: 43 Resp: 344416
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 11.0 9.0 13.4



#38
Carbon Tetrachloride
Concen: 151.686 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 117 Resp: 623463
Ion Ratio Lower Upper
117 100
119 95.1 74.3 111.5
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 150.600 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

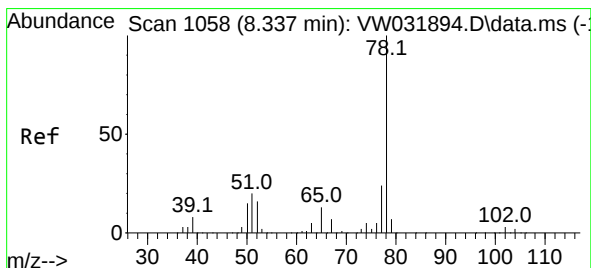
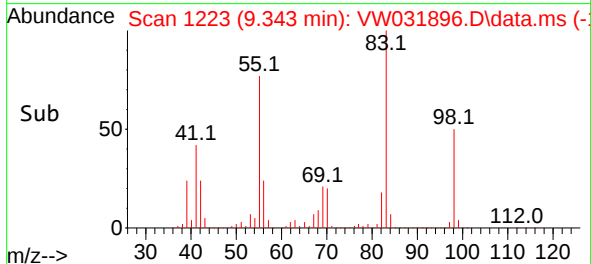
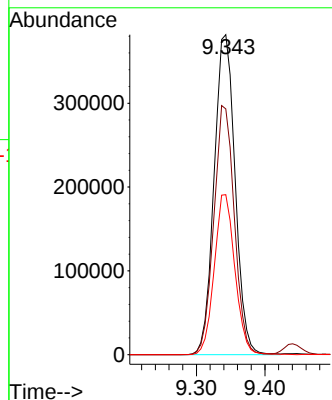
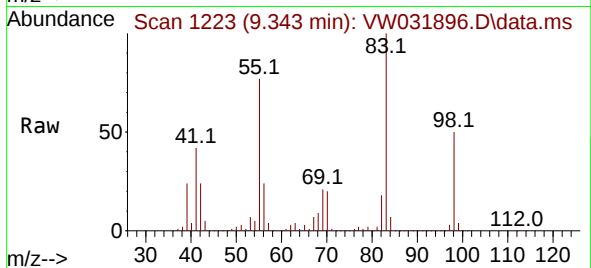
Tgt Ion: 83 Resp: 811686

Ion Ratio Lower Upper

83 100

55 76.8 62.5 93.7

98 50.0 40.6 61.0



#40

Benzene

Concen: 147.317 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW031896.D

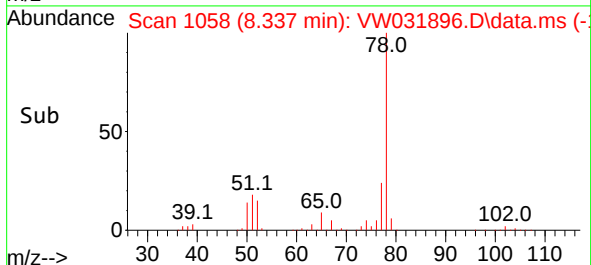
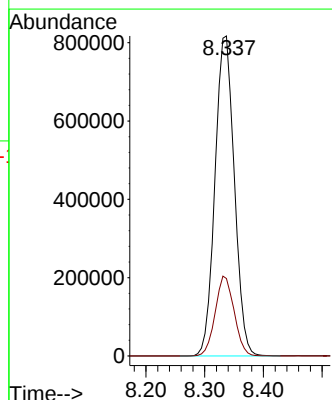
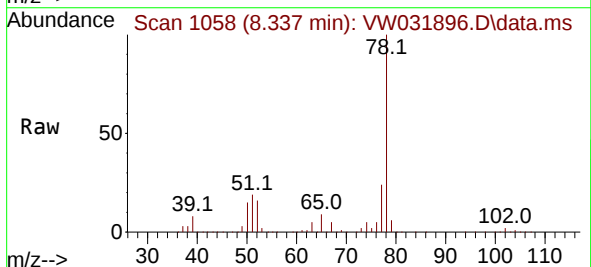
Acq: 22 Jul 2025 12:00

Tgt Ion: 78 Resp: 1867656

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



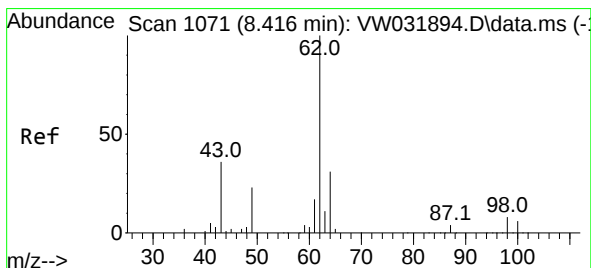
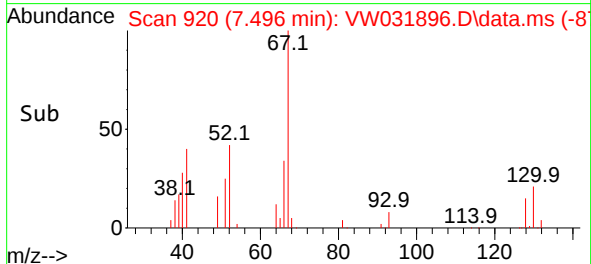
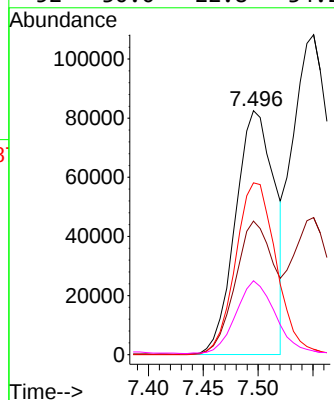
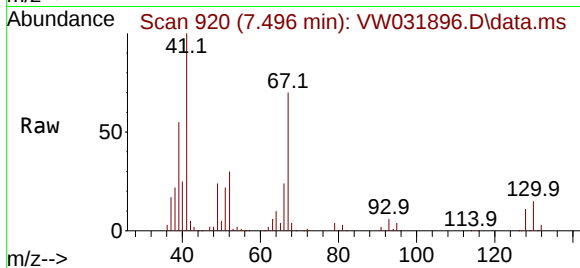


#41
Methacrylonitrile
Concen: 142.282 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 204750

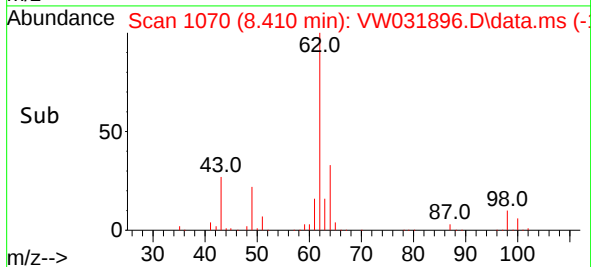
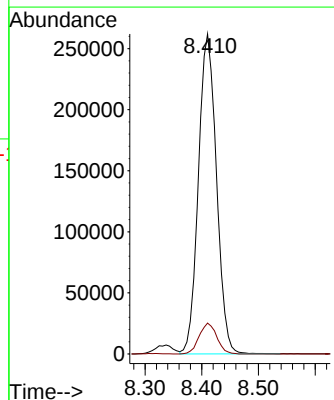
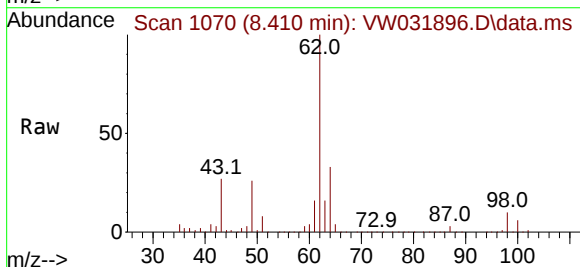
Ion	Ratio	Lower	Upper
41	100		
39	53.7	41.1	61.7
67	73.7	56.2	84.4
52	30.0	22.8	34.2

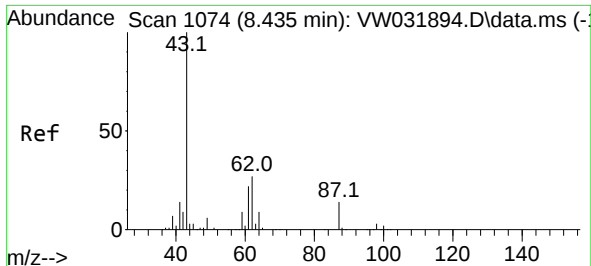


#42
1,2-Dichloroethane
Concen: 142.827 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 62 Resp: 579516

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

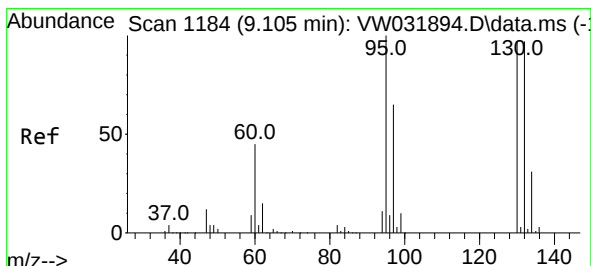
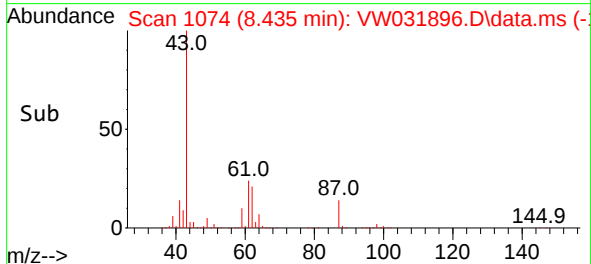
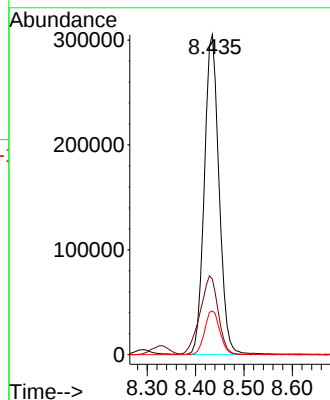
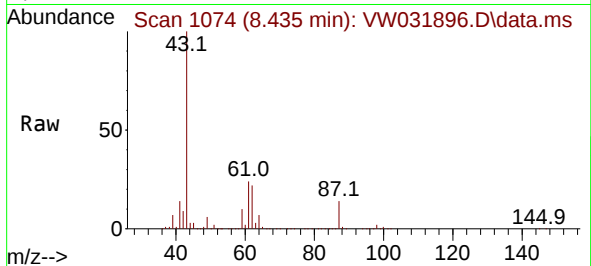




#43
Isopropyl Acetate
Concen: 145.474 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

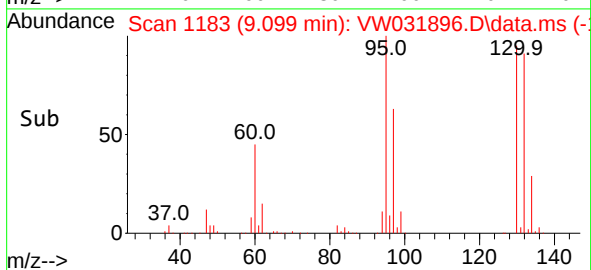
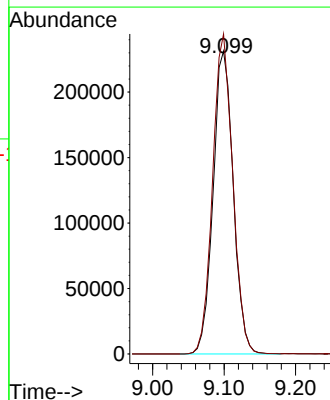
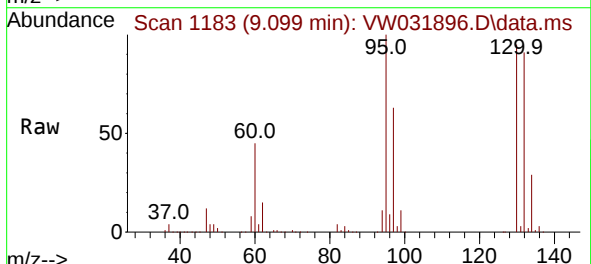
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

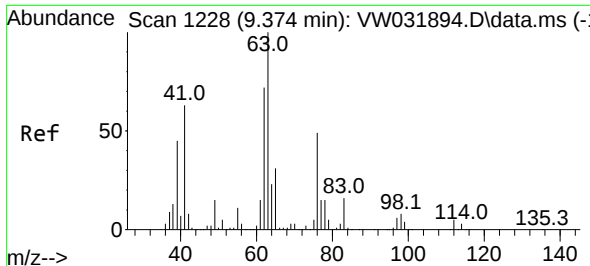
Tgt Ion: 43 Resp: 643412
Ion Ratio Lower Upper
43 100
61 30.4 24.0 36.0
87 14.2 11.1 16.7



#44
Trichloroethene
Concen: 150.317 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:130 Resp: 452970
Ion Ratio Lower Upper
130 100
95 105.6 0.0 206.4





#45

1,2-Dichloropropane

Concen: 149.396 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

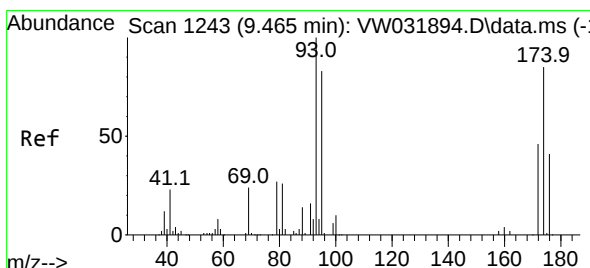
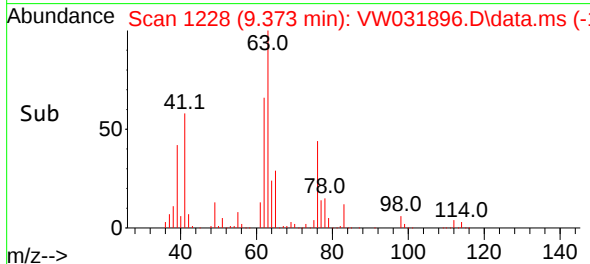
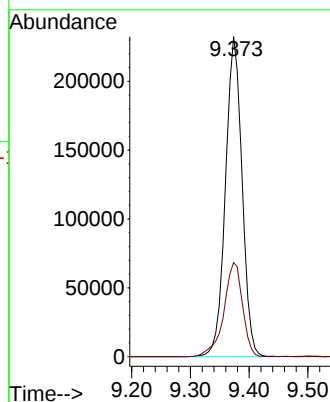
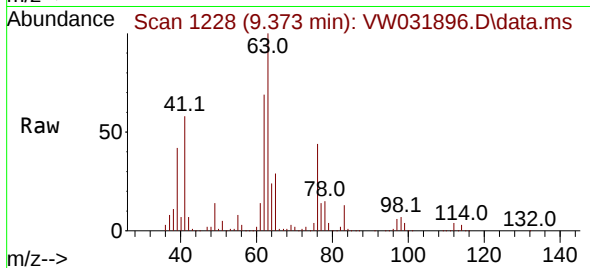
VSTDICC150

Tgt Ion: 63 Resp: 456144

Ion Ratio Lower Upper

63 100

65 29.4 25.0 37.4



#46

Dibromomethane

Concen: 143.854 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

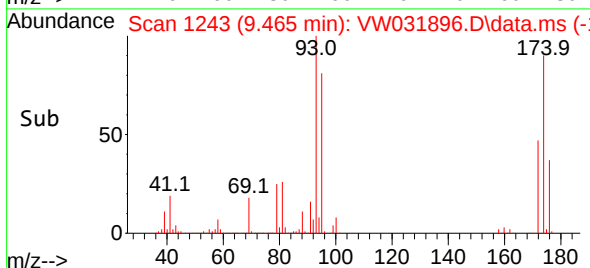
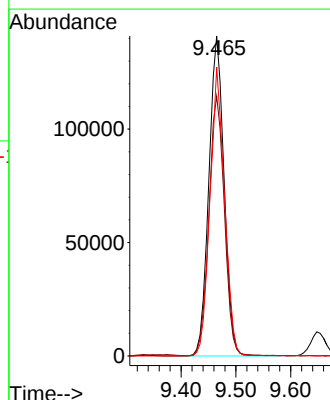
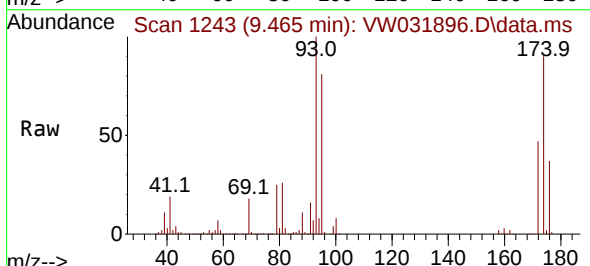
Tgt Ion: 93 Resp: 272269

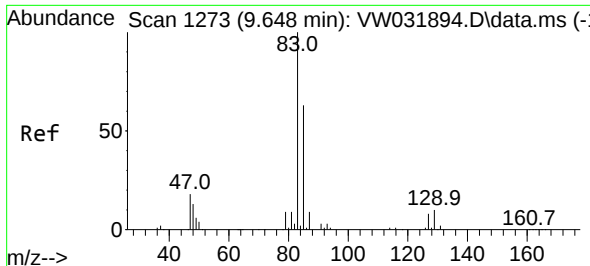
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 86.0 70.2 105.2

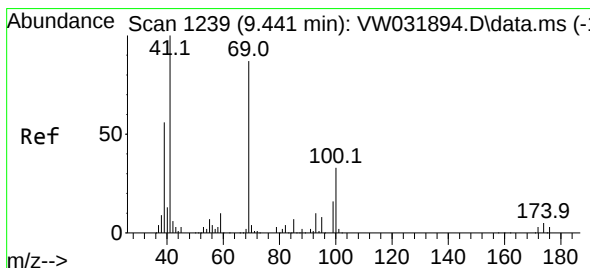
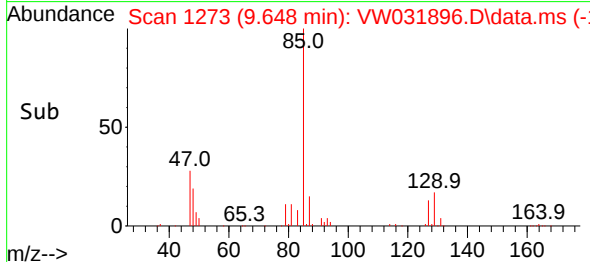
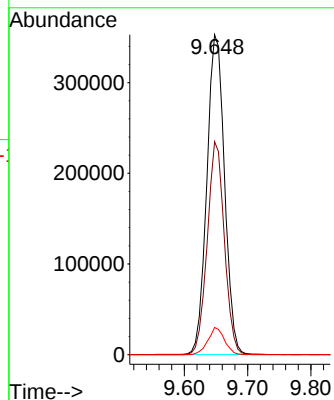
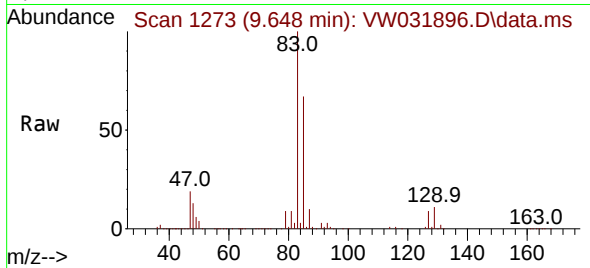




#47
Bromodichloromethane
Concen: 151.120 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

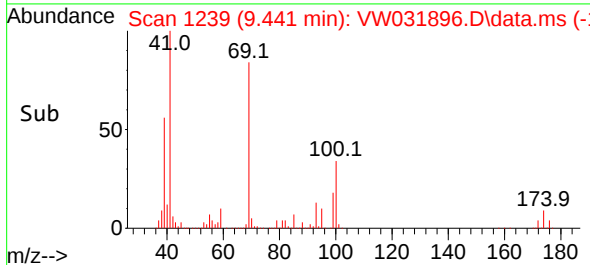
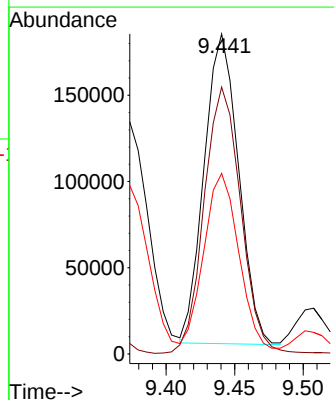
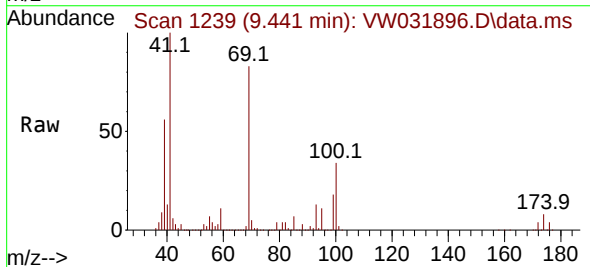
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

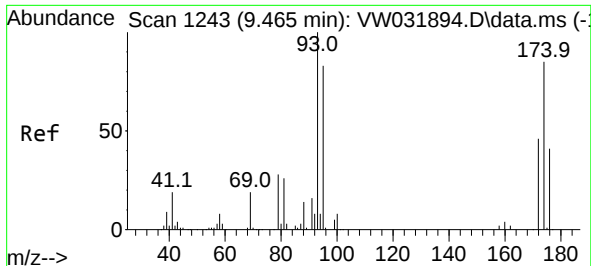
Tgt Ion: 83 Resp: 685853
Ion Ratio Lower Upper
83 100
85 66.6 50.6 76.0
127 8.5 6.5 9.7



#48
Methyl methacrylate
Concen: 149.293 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 41 Resp: 314142
Ion Ratio Lower Upper
41 100
69 91.8 73.6 110.4
39 56.3 45.5 68.3





#49

1,4-Dioxane

Concen: 2983.527 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

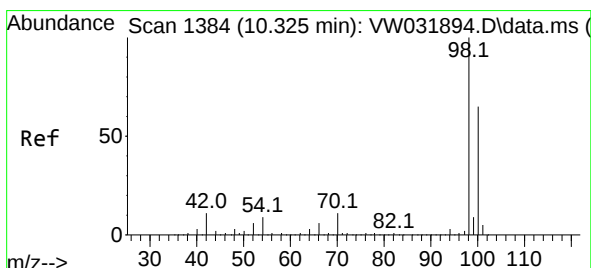
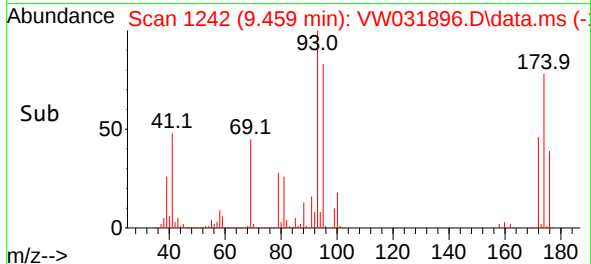
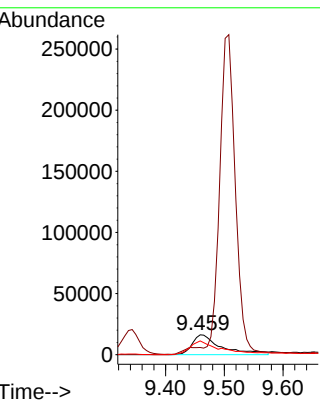
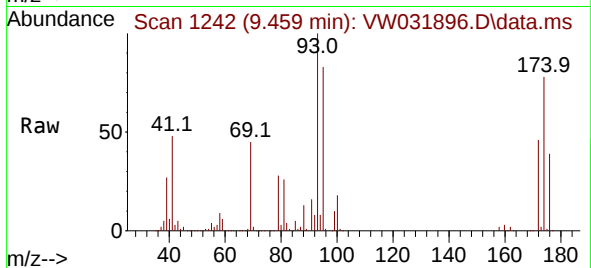
Tgt Ion: 88 Resp: 56346

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 78.6 58.2 87.2



#50

Toluene-d8

Concen: 140.469 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW031896.D

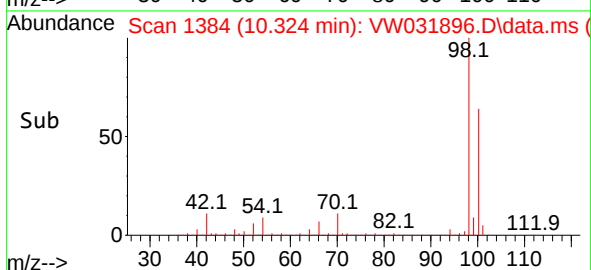
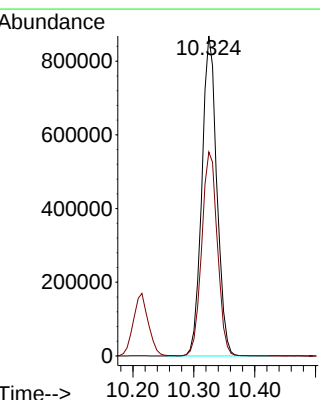
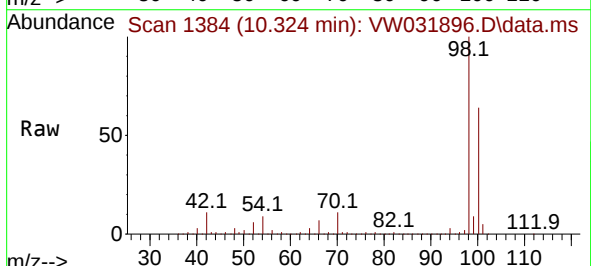
Acq: 22 Jul 2025 12:00

Tgt Ion: 98 Resp: 1482591

Ion Ratio Lower Upper

98 100

100 66.5 51.7 77.5

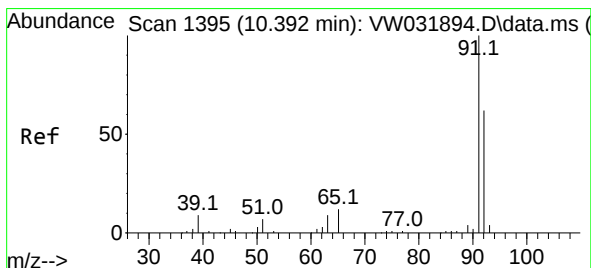
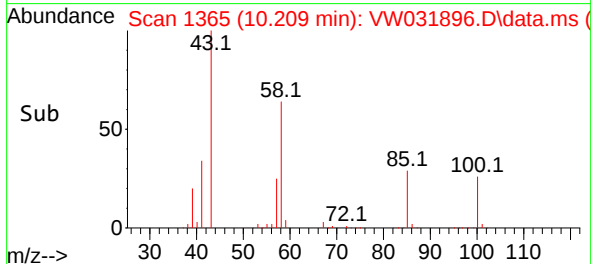
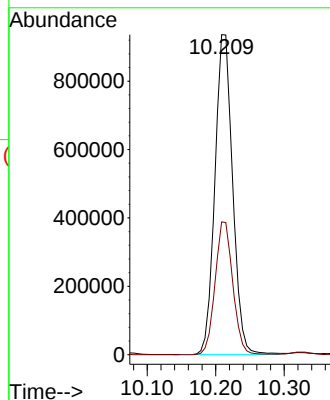
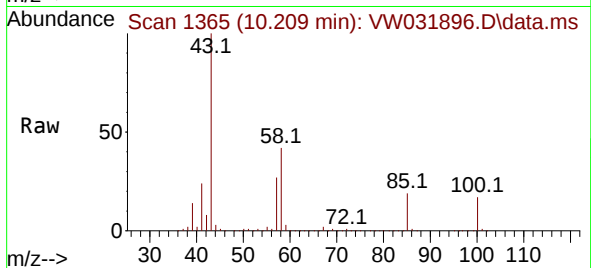




#51
4-Methyl-2-Pentanone
Concen: 695.441 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

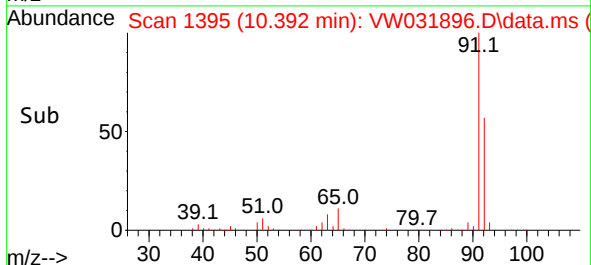
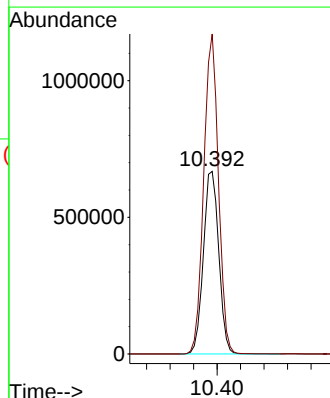
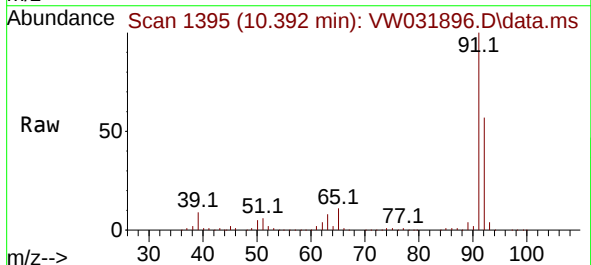
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

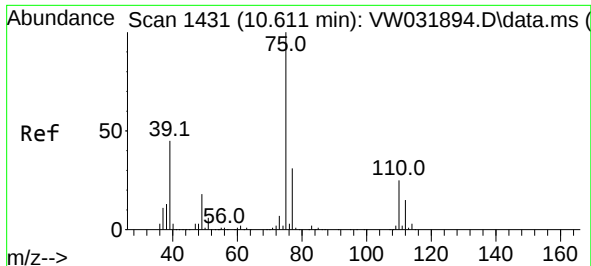
Tgt Ion: 43 Resp: 1683322
Ion Ratio Lower Upper
43 100
58 41.4 32.8 49.2



#52
Toluene
Concen: 148.962 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 92 Resp: 1214012
Ion Ratio Lower Upper
92 100
91 167.4 133.7 200.5

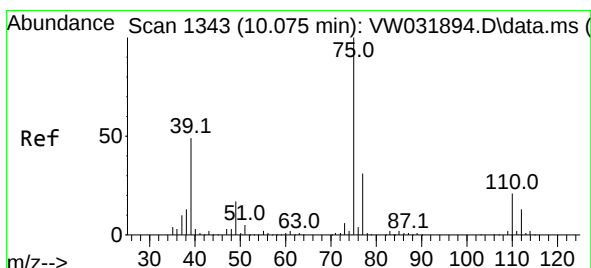
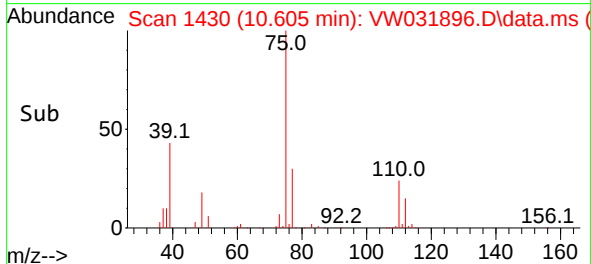
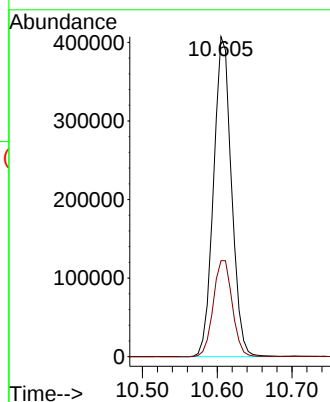
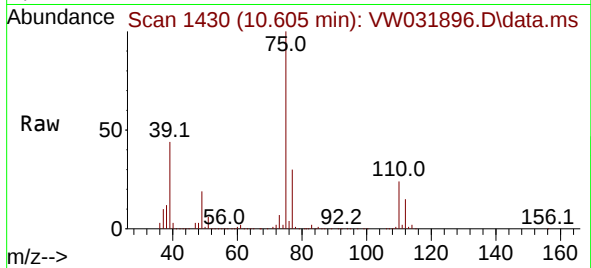




#53
 t-1,3-Dichloropropene
 Concen: 156.179 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

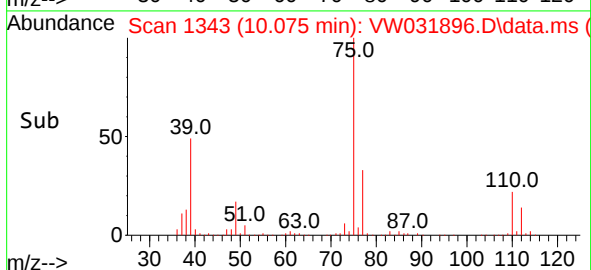
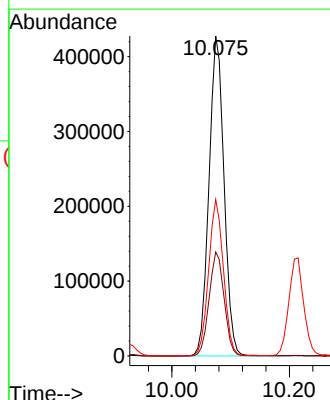
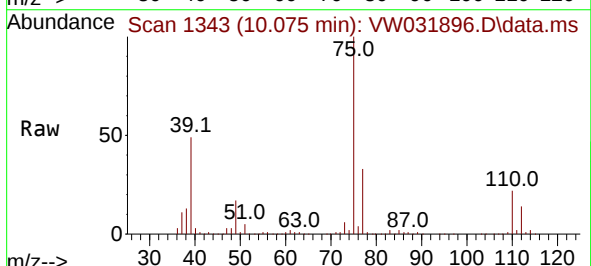
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

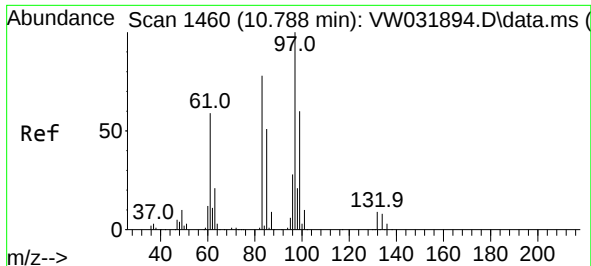
Tgt Ion: 75 Resp: 679932
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 152.840 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

Tgt Ion: 75 Resp: 759882
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.5 36.7
 39 48.8 39.3 58.9



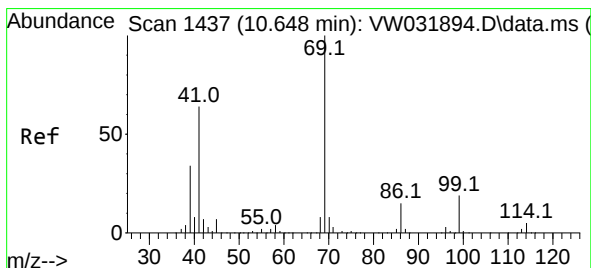
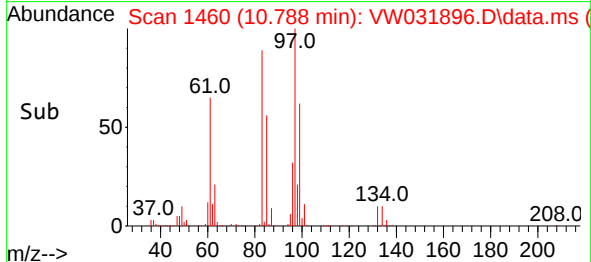
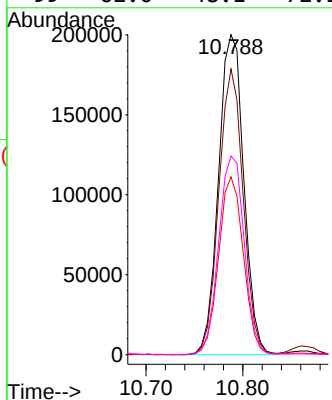
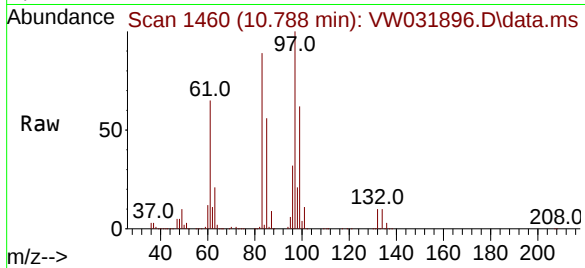


#55
1,1,2-Trichloroethane
Concen: 144.405 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 363045

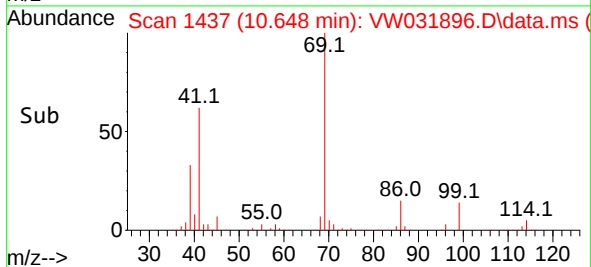
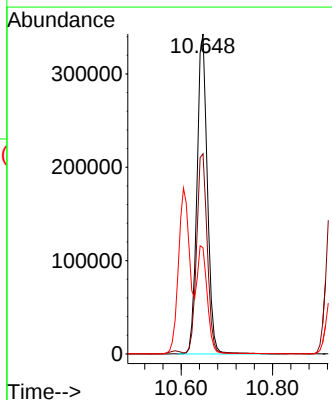
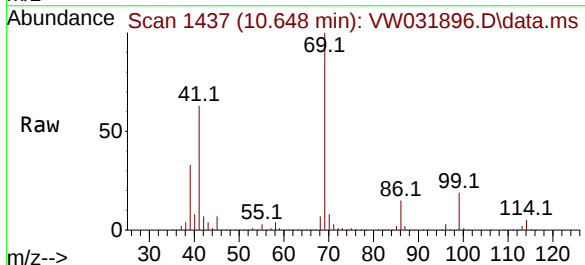
Ion	Ratio	Lower	Upper
97	100		
83	89.2	62.4	93.6
85	55.5	41.0	61.6
99	62.0	48.1	72.1

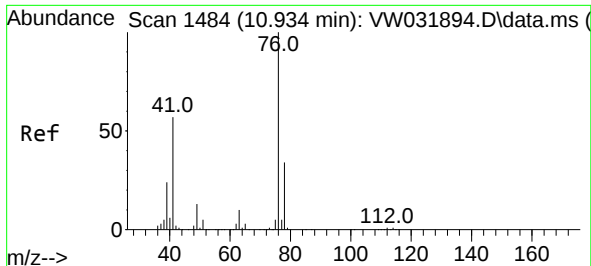


#56
Ethyl methacrylate
Concen: 152.123 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 69 Resp: 540138

Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.0	78.0
39	31.7	26.6	40.0





#57

1,3-Dichloropropane

Concen: 142.707 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

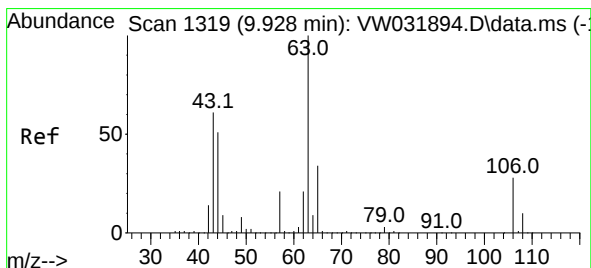
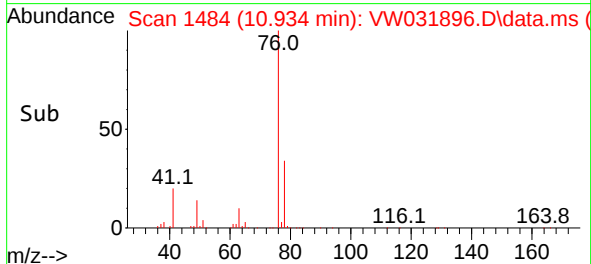
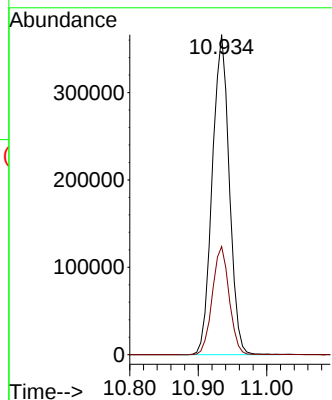
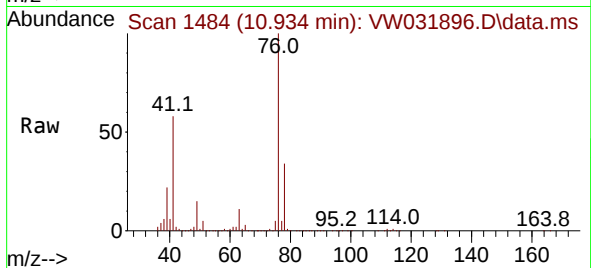
VSTDIC150

Tgt Ion: 76 Resp: 632065

Ion Ratio Lower Upper

76 100

78 33.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 754.091 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW031896.D

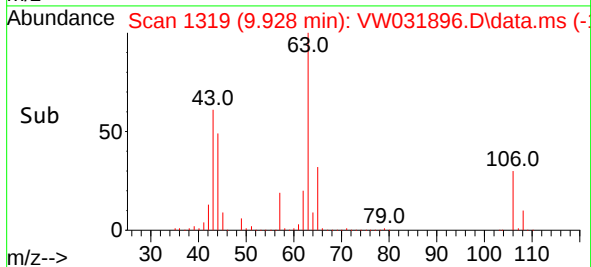
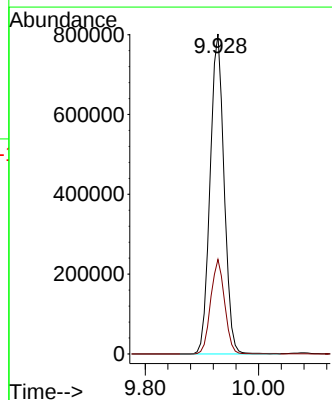
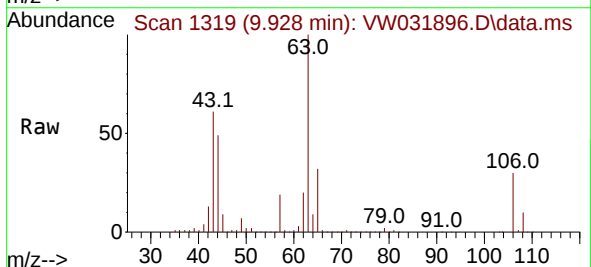
Acq: 22 Jul 2025 12:00

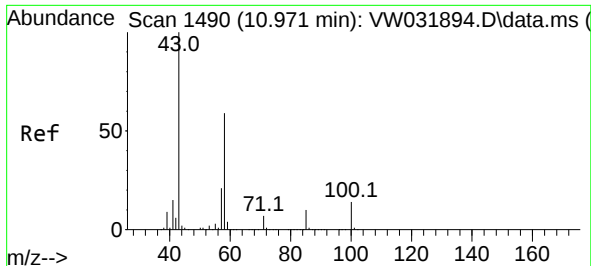
Tgt Ion: 63 Resp: 1375316

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1

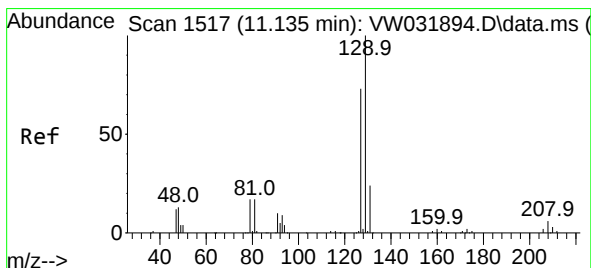
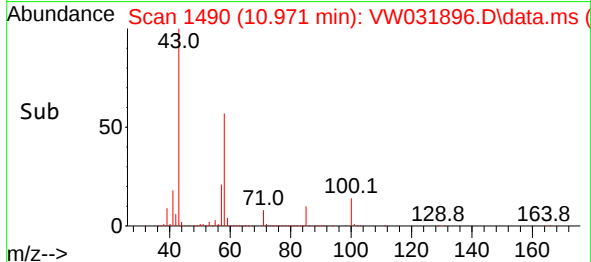
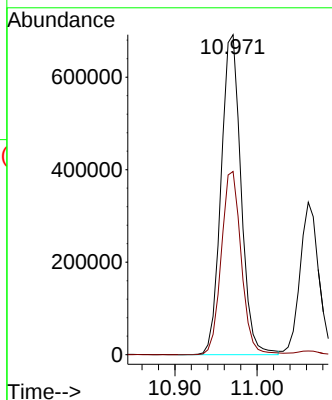
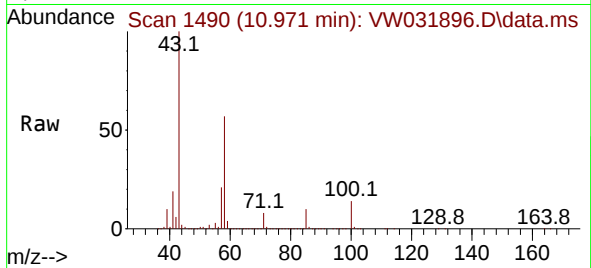




#59
2-Hexanone
Concen: 693.111 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

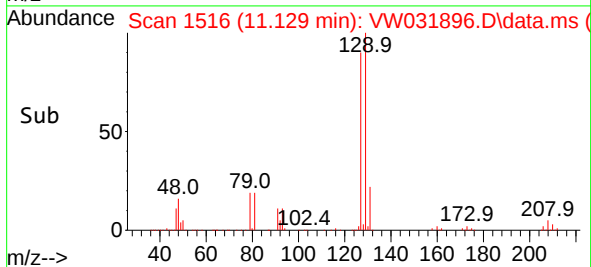
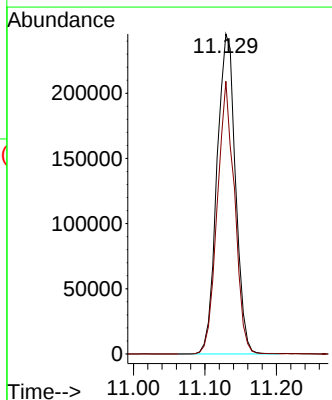
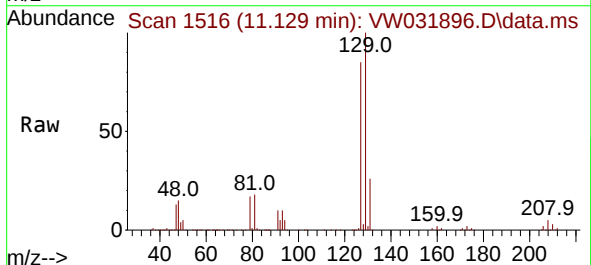
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

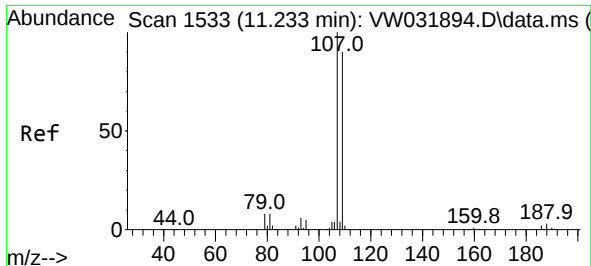
Tgt Ion: 43 Resp: 1166153
Ion Ratio Lower Upper
43 100
58 57.4 28.5 85.6



#60
Dibromochloromethane
Concen: 150.890 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:129 Resp: 442293
Ion Ratio Lower Upper
129 100
127 79.4 39.6 118.8

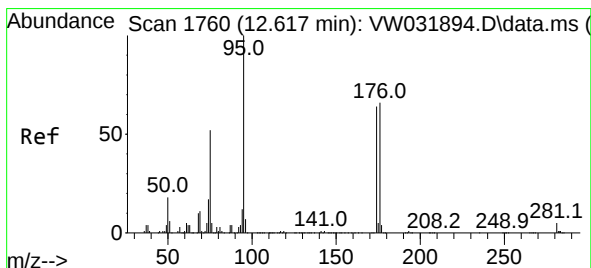
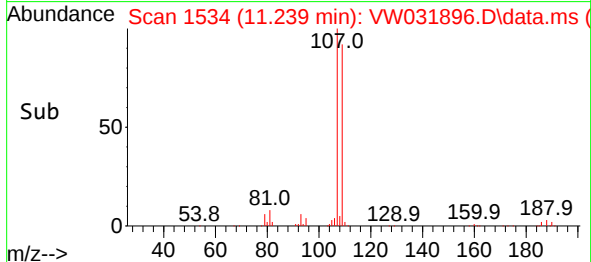
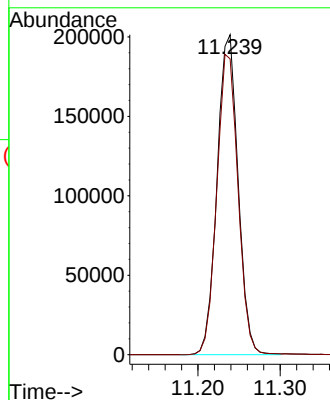
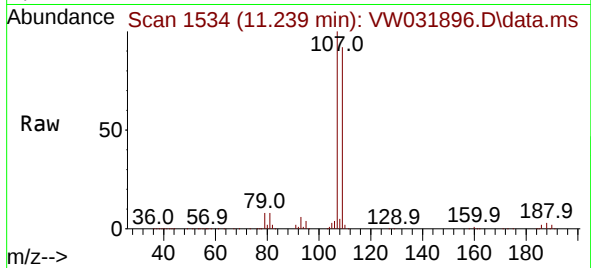




#61
1,2-Dibromoethane
Concen: 143.785 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

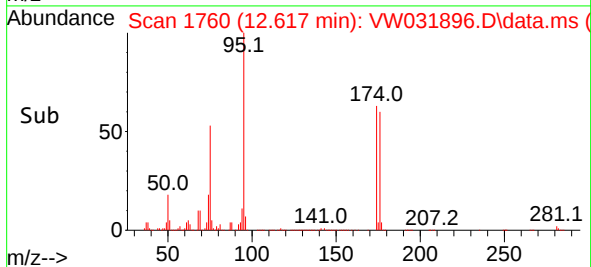
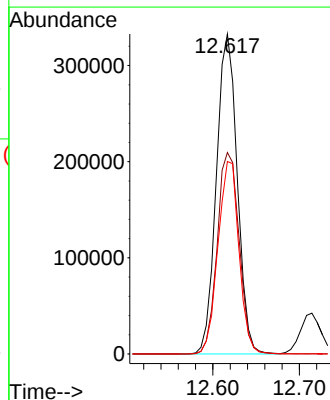
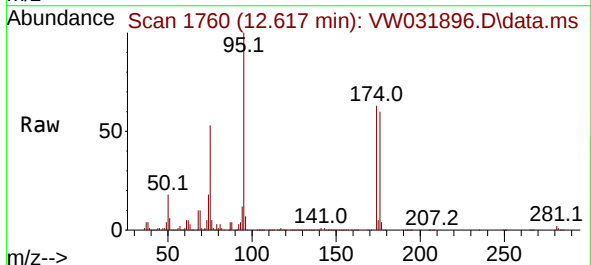
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

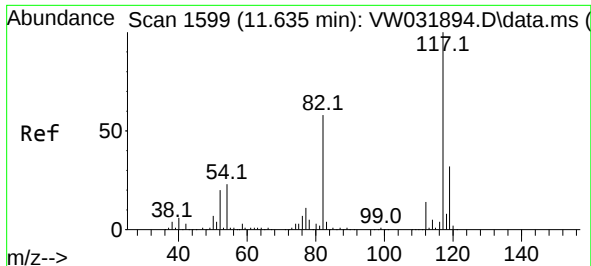
Tgt Ion:107 Resp: 357193
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 137.437 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 95 Resp: 556999
Ion Ratio Lower Upper
95 100
174 66.0 0.0 129.8
176 60.6 0.0 130.4

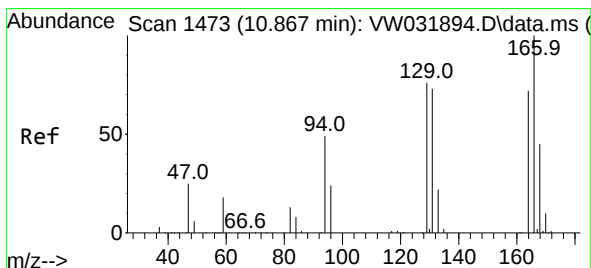
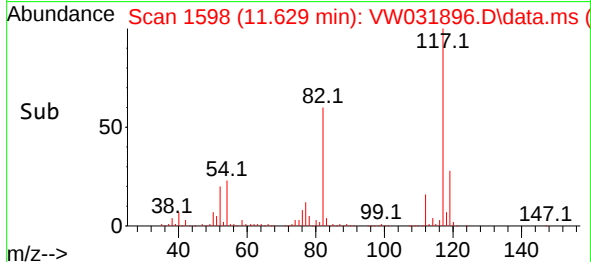
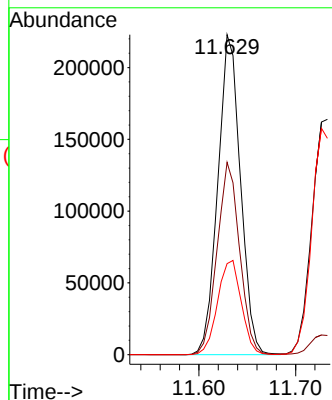
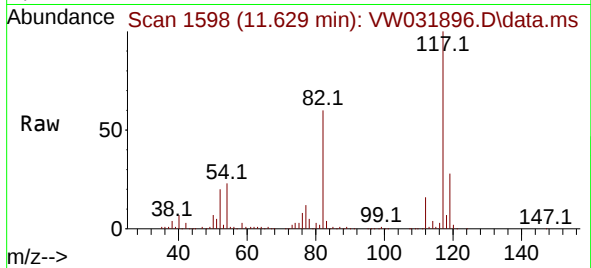




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

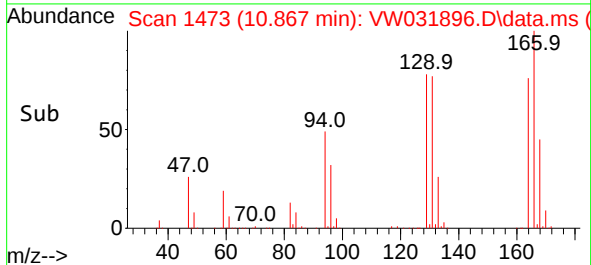
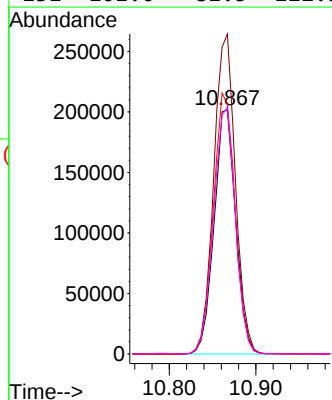
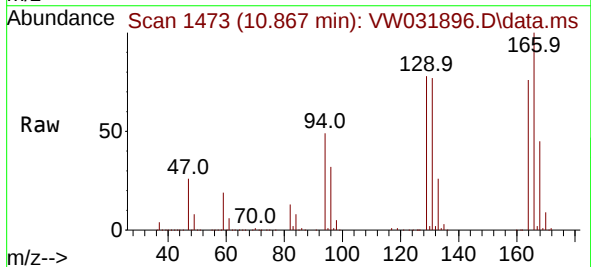
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

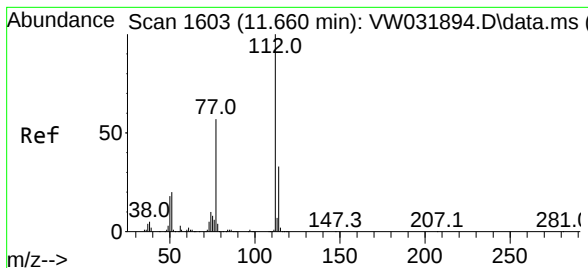
Tgt Ion:117 Resp: 361839
Ion Ratio Lower Upper
117 100
82 60.1 46.5 69.7
119 28.5 25.8 38.6



#64
Tetrachloroethene
Concen: 146.849 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:164 Resp: 350332
Ion Ratio Lower Upper
164 100
166 131.1 111.5 167.3
129 102.3 85.1 127.7
131 101.0 81.5 122.3

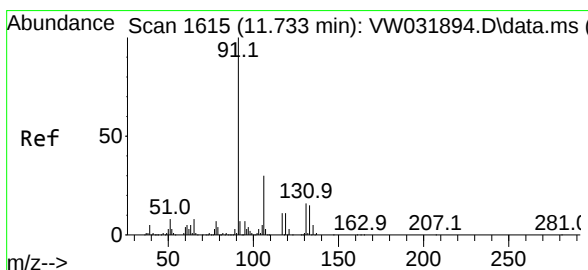
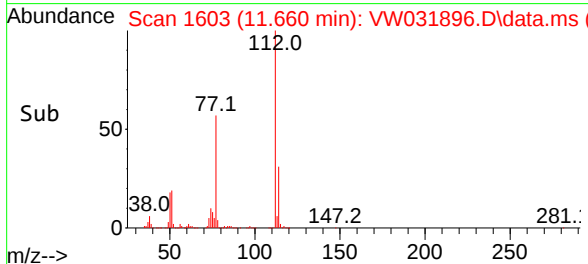
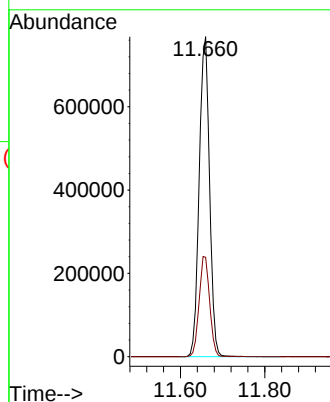
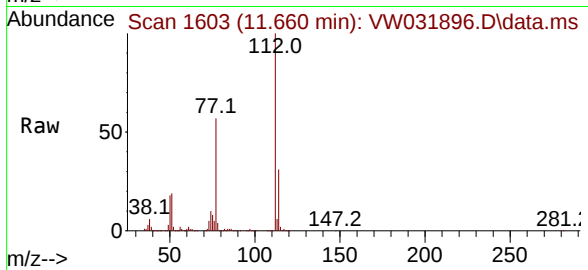




#65
Chlorobenzene
Concen: 147.719 ug/l
RT: 11.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

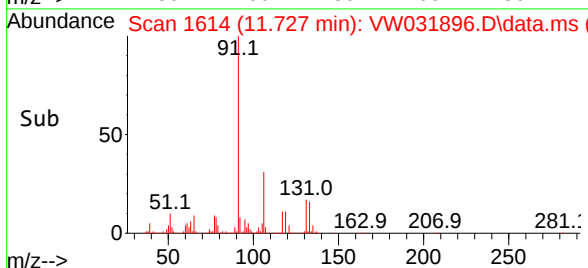
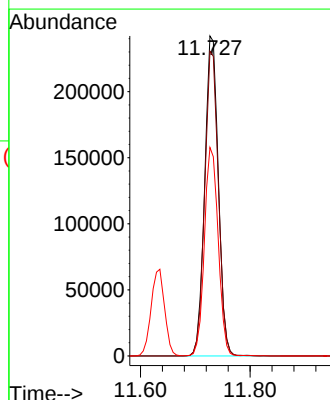
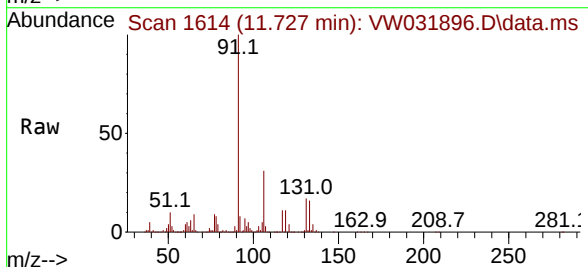
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

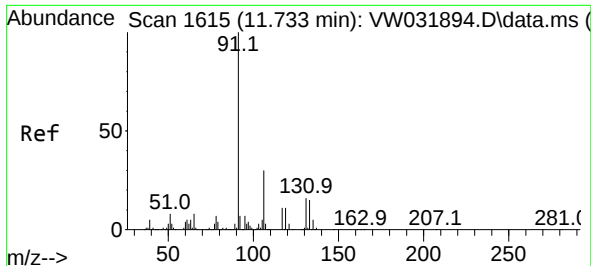
Tgt Ion:112 Resp: 1308167
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 151.507 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:131 Resp: 415946
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.4
119 66.2 33.7 101.1





#67

Ethyl Benzene

Concen: 149.072 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

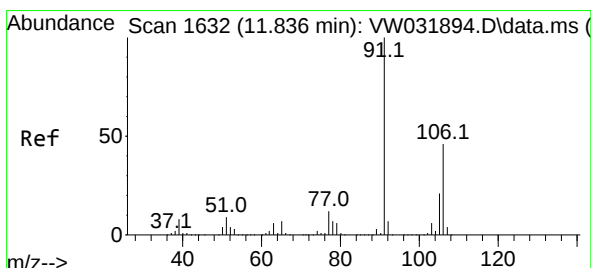
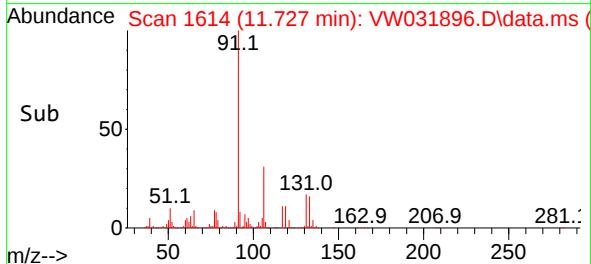
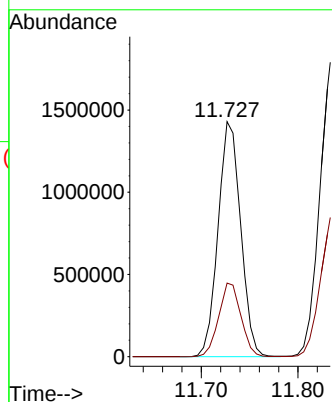
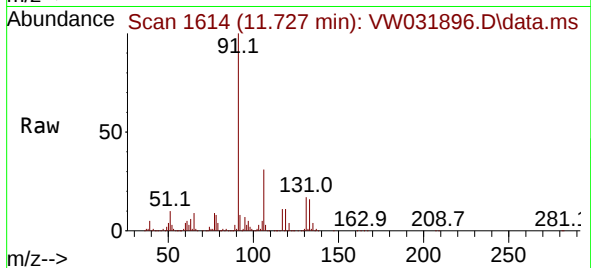
VSTDIC150

Tgt Ion: 91 Resp: 2319514

Ion Ratio Lower Upper

91 100

106 31.3 23.8 35.6



#68

m/p-Xylenes

Concen: 297.100 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031896.D

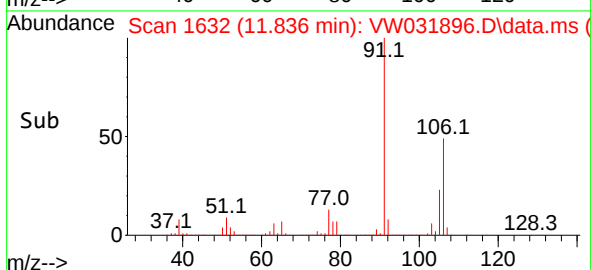
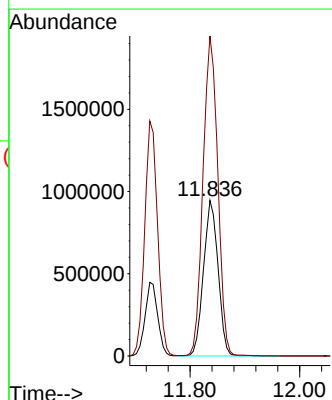
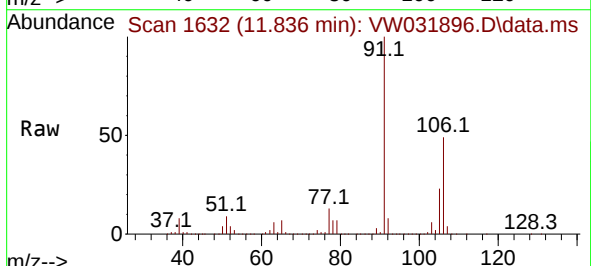
Acq: 22 Jul 2025 12:00

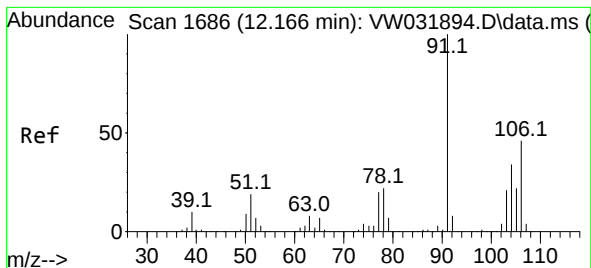
Tgt Ion:106 Resp: 1740273

Ion Ratio Lower Upper

106 100

91 209.0 167.7 251.5

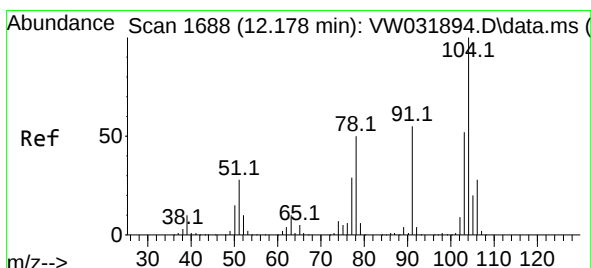
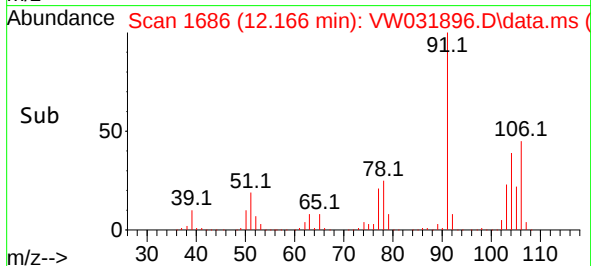
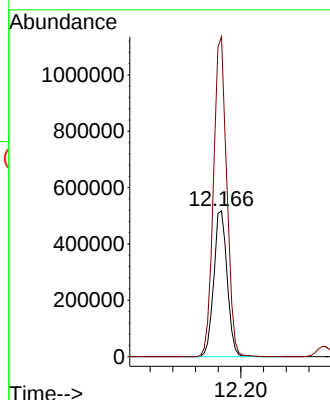
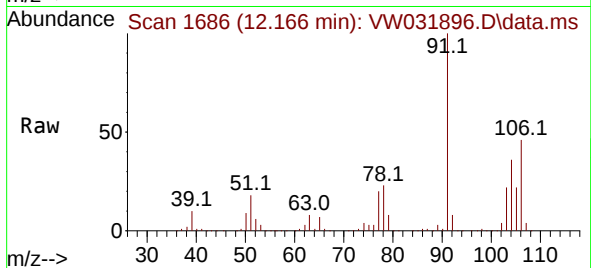




#69
o-Xylene
Concen: 152.763 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

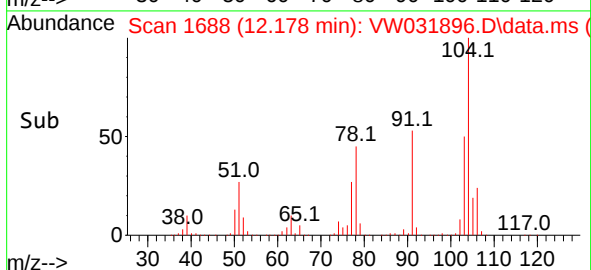
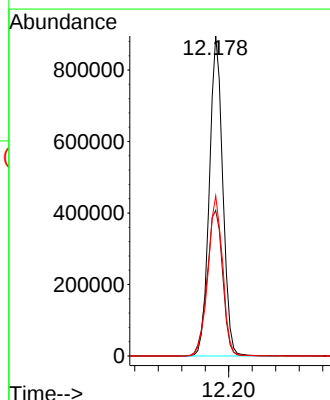
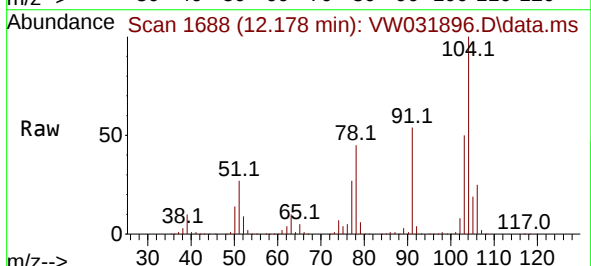
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

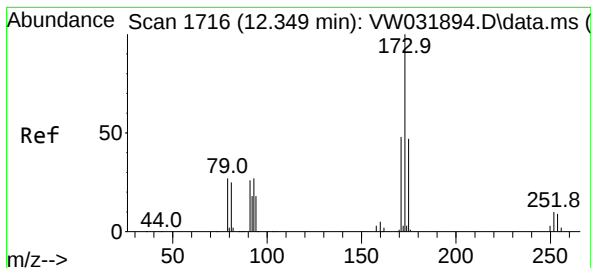
Tgt Ion:106 Resp: 846824
Ion Ratio Lower Upper
106 100
91 217.9 108.2 324.6



#70
Styrene
Concen: 150.432 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:104 Resp: 1419800
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 54.2 42.8 64.2





#71

Bromoform

Concen: 152.187 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

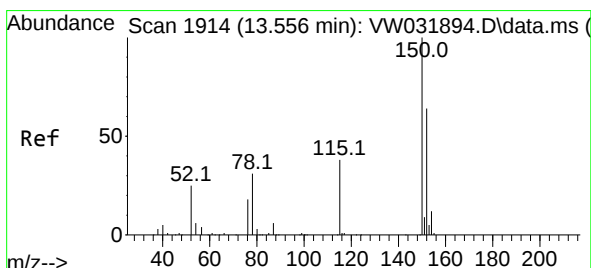
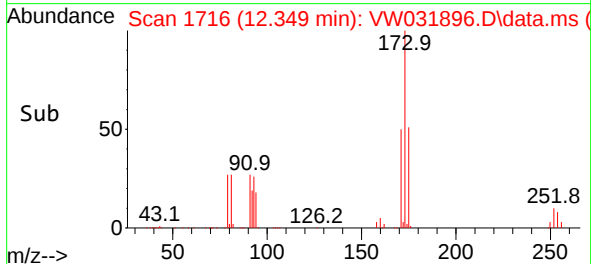
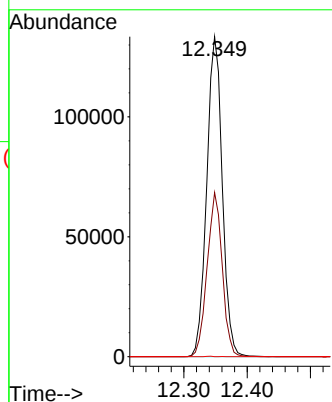
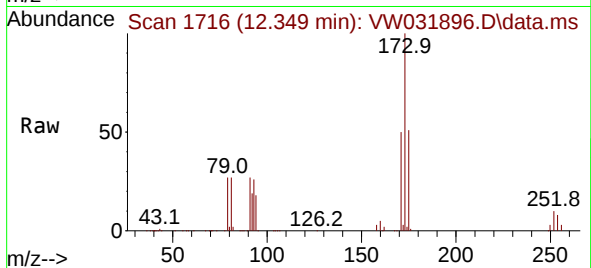
Tgt Ion:173 Resp: 228504

Ion Ratio Lower Upper

173 100

175 49.8 24.5 73.5

254 0.1 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: VW031896.D

Acq: 22 Jul 2025 12:00

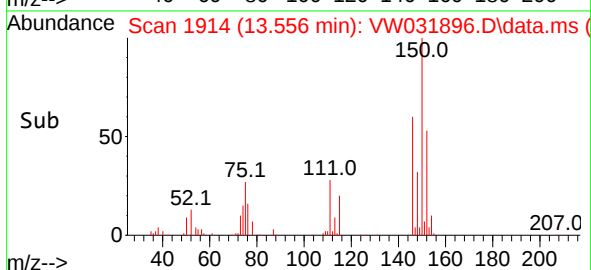
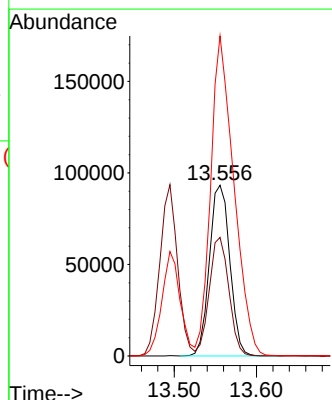
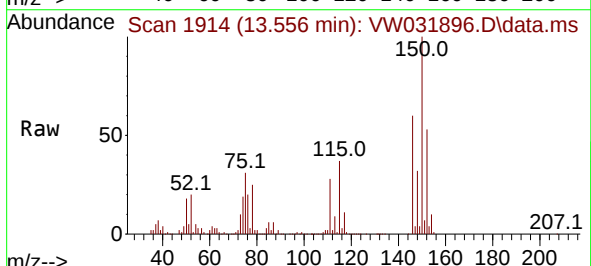
Tgt Ion:152 Resp: 160923

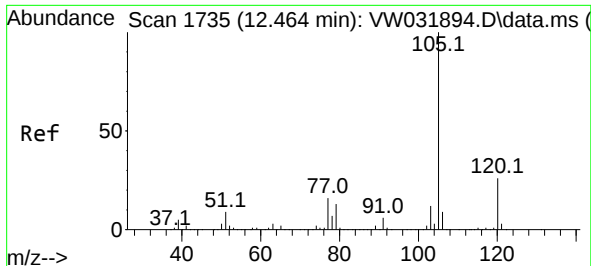
Ion Ratio Lower Upper

152 100

115 66.7 33.4 100.1

150 212.8 0.0 352.2

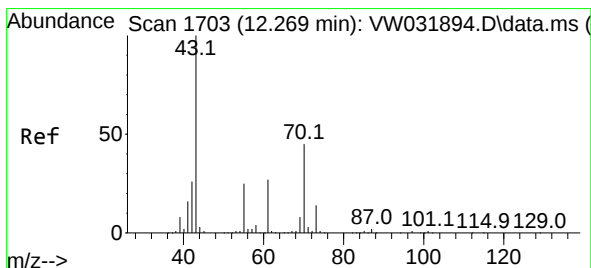
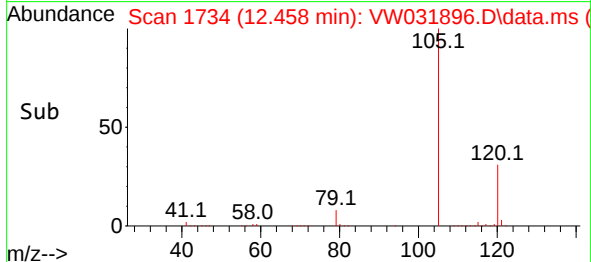
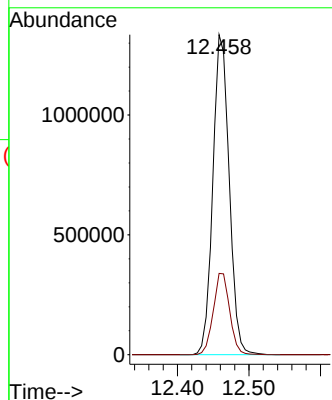
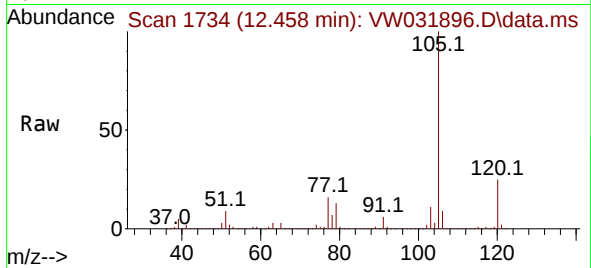




#73
Isopropylbenzene
Concen: 151.692 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

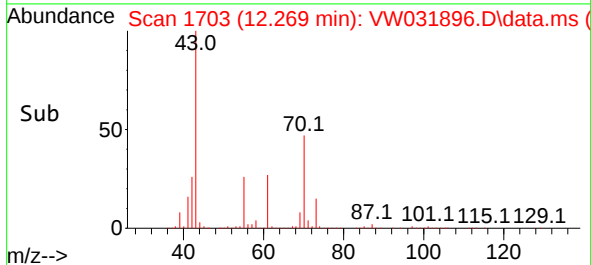
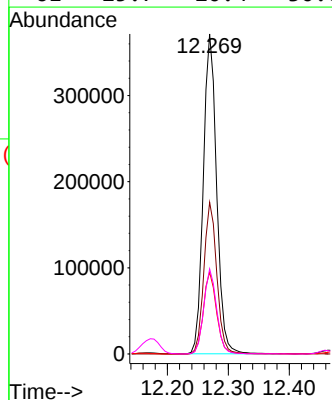
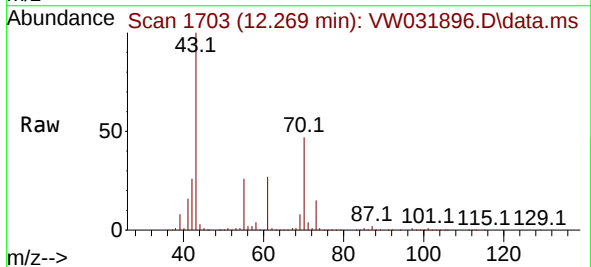
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

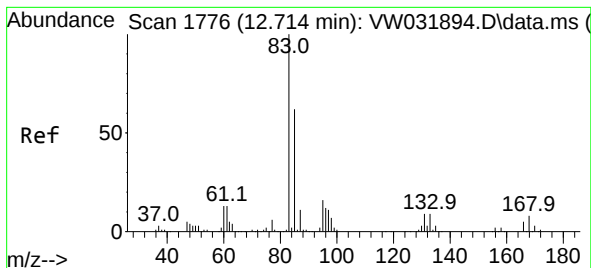
Tgt Ion:105 Resp: 2118035
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8



#74
N-ethyl acetate
Concen: 149.722 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 43 Resp: 565165
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 25.3 20.7 31.1
61 25.7 20.4 30.6

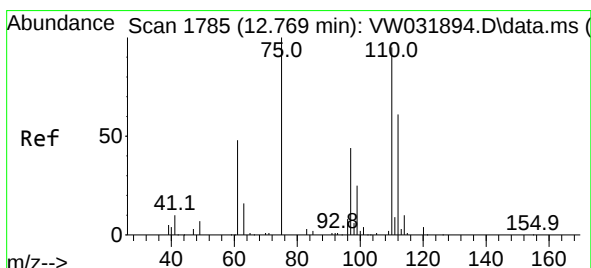
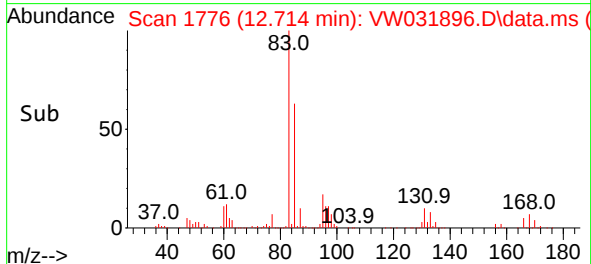
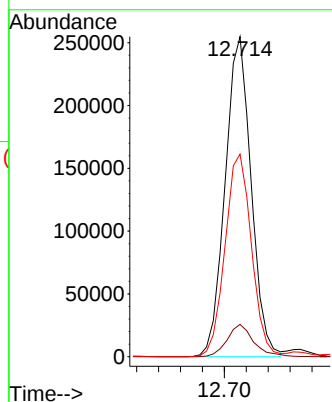
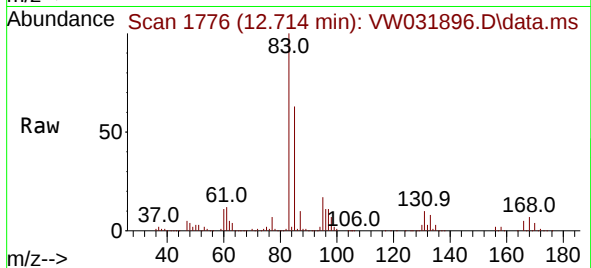




#75
1,1,2,2-Tetrachloroethane
Concen: 141.385 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

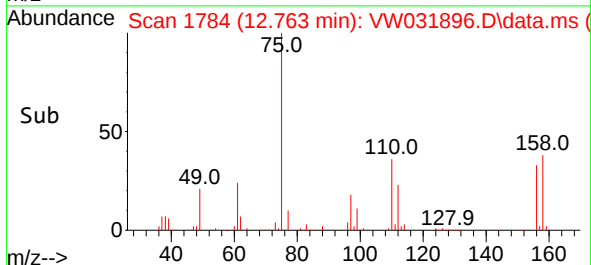
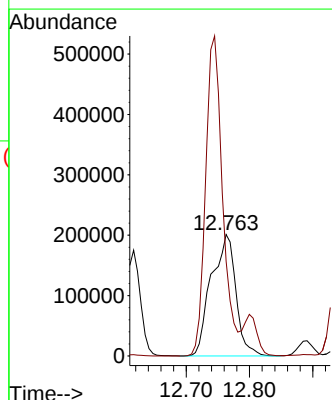
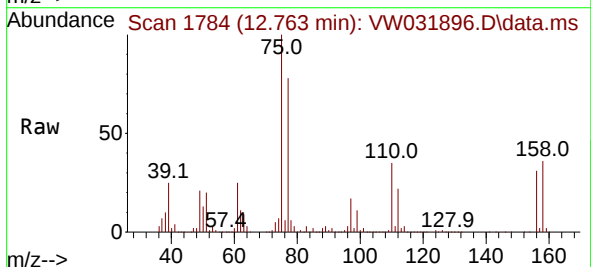
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

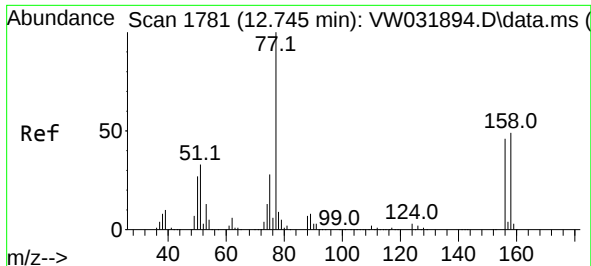
Tgt Ion: 83 Resp: 419030
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 246.333 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 75 Resp: 542704
Ion Ratio Lower Upper
75 100
77 182.0 0.0 0.0#

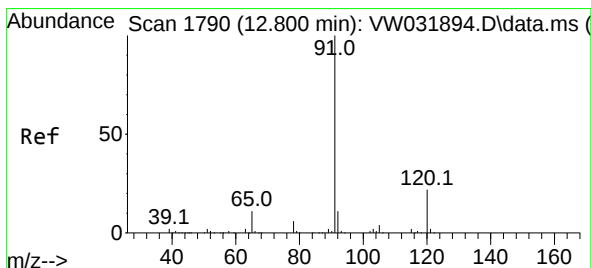
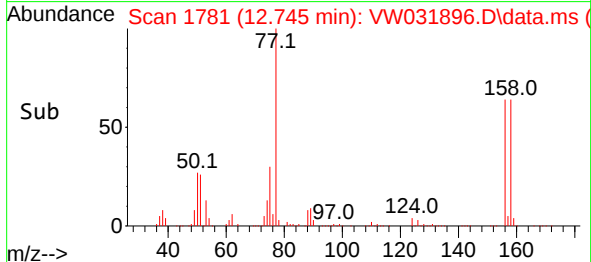
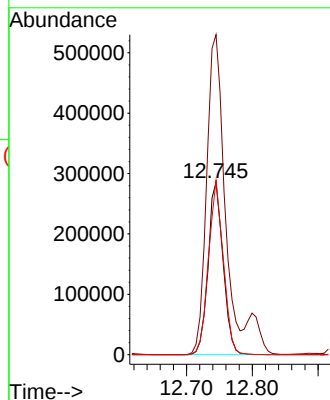
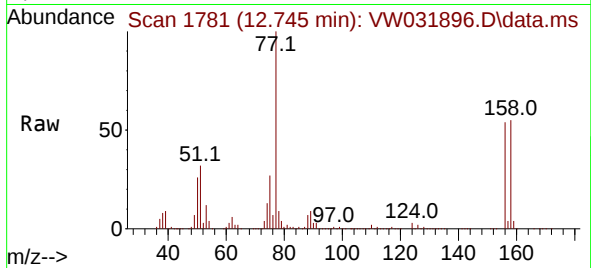




#77
Bromobenzene
Concen: 149.865 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

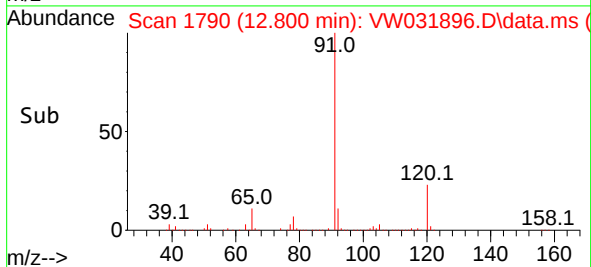
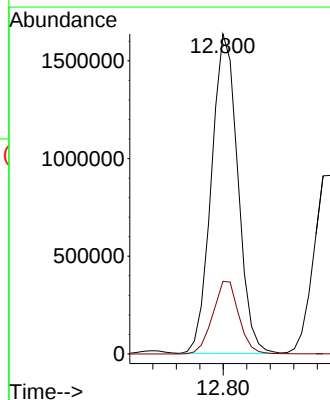
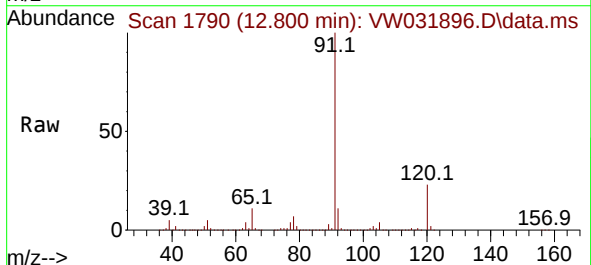
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

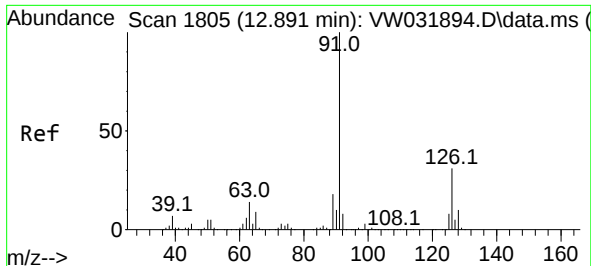
Tgt Ion:156 Resp: 452752
Ion Ratio Lower Upper
156 100
77 218.2 115.3 345.8
158 100.2 50.1 150.3



#78
n-propylbenzene
Concen: 148.745 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 91 Resp: 2550787
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.6

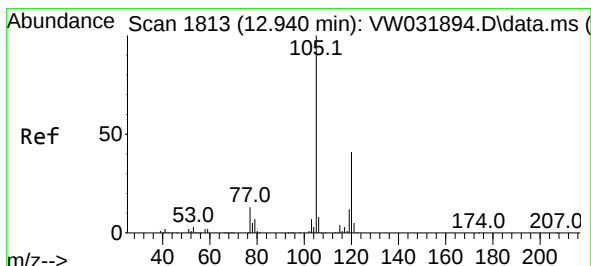
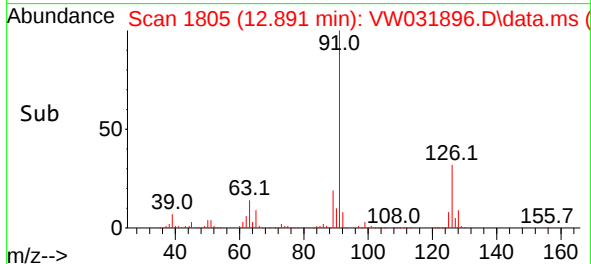
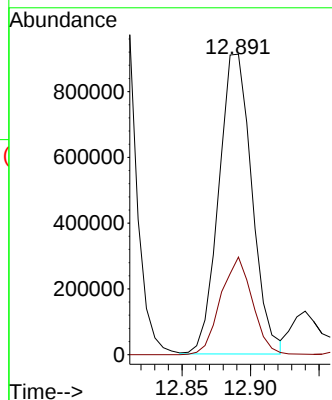
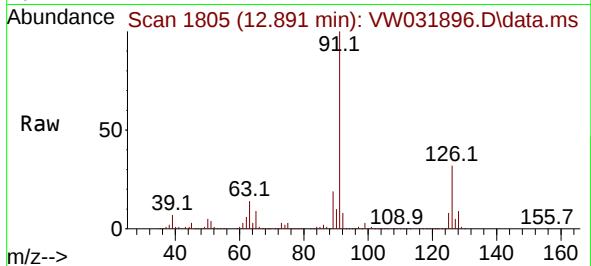




#79
2-Chlorotoluene
Concen: 150.285 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

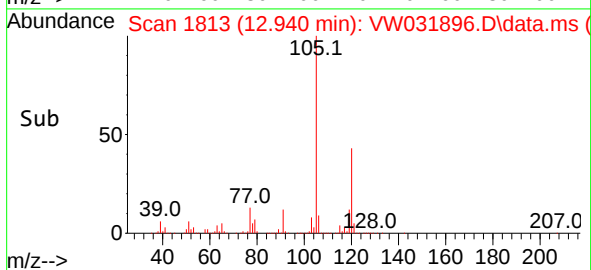
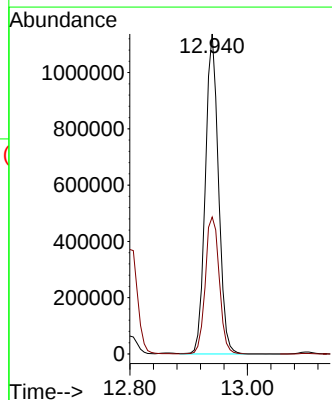
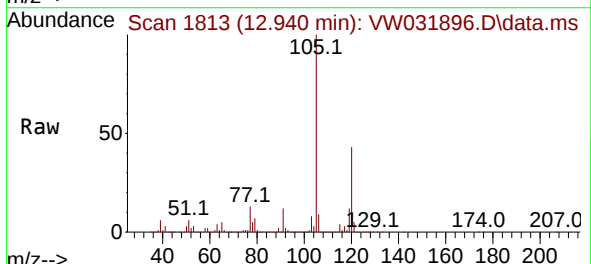
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1538753
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 150.754 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 105 Resp: 1765381
Ion Ratio Lower Upper
105 100
120 45.5 23.5 70.5

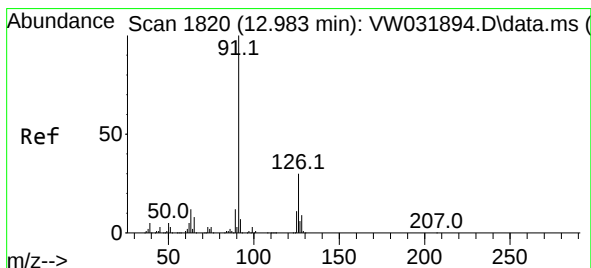
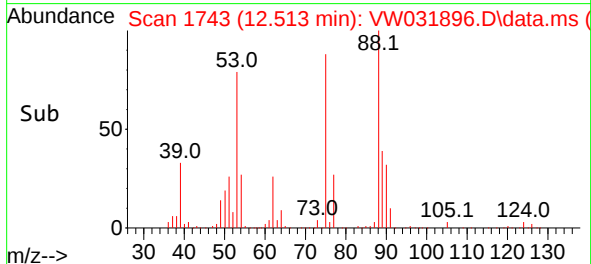
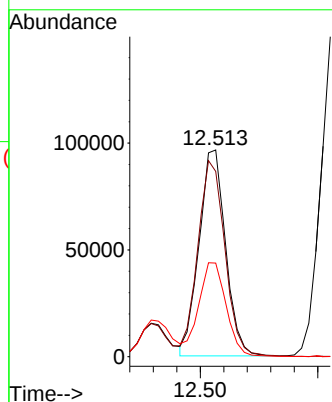
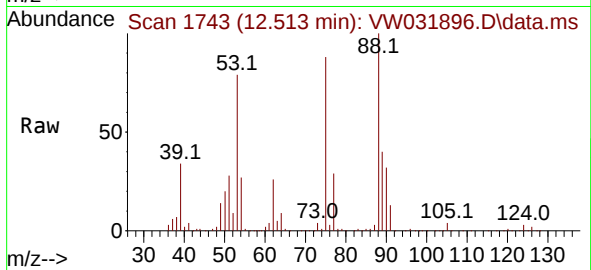




#81
trans-1,4-Dichloro-2-butene
Concen: 157.156 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

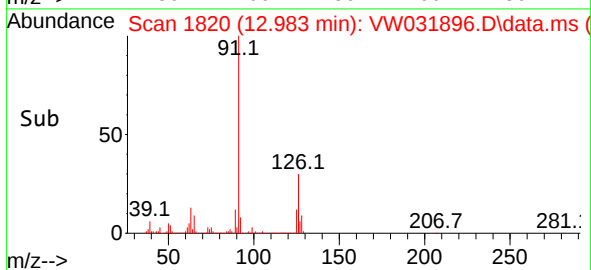
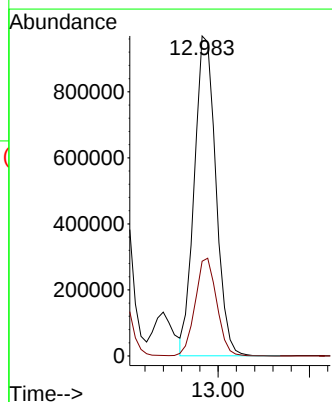
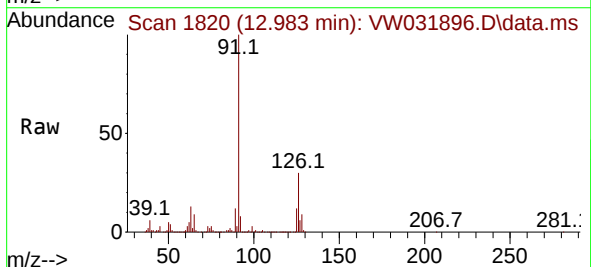
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

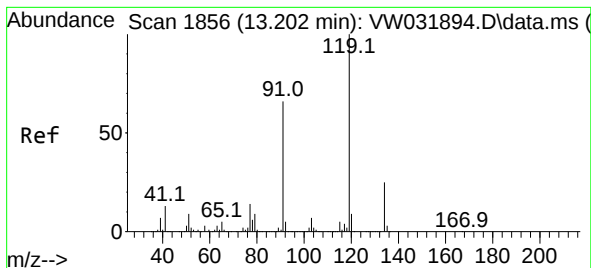
Tgt Ion: 75 Resp: 151238
Ion Ratio Lower Upper
75 100
53 98.7 83.7 125.5
89 47.6 39.0 58.6



#82
4-Chlorotoluene
Concen: 147.284 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 91 Resp: 1582046
Ion Ratio Lower Upper
91 100
126 30.7 15.8 47.3

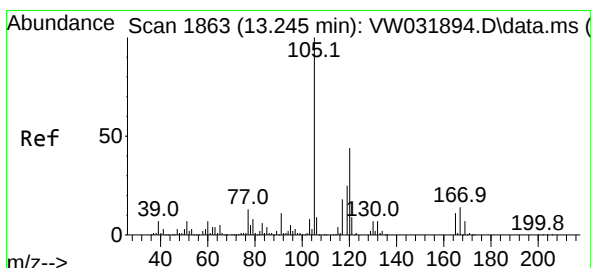
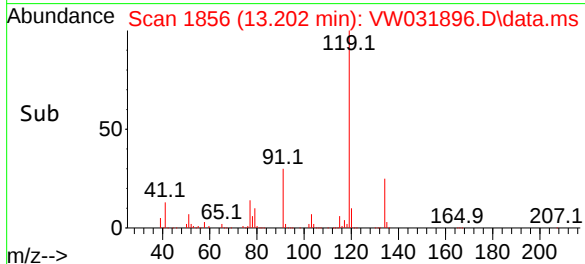
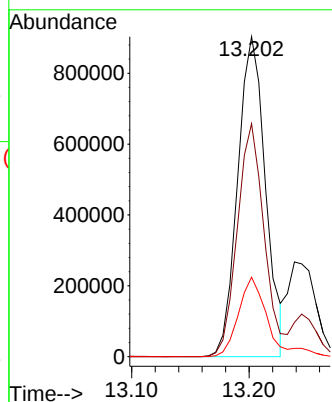
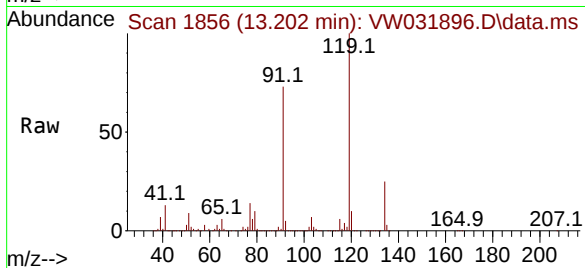




#83
tert-Butylbenzene
Concen: 148.784 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

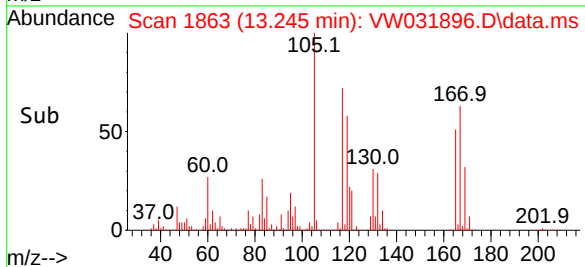
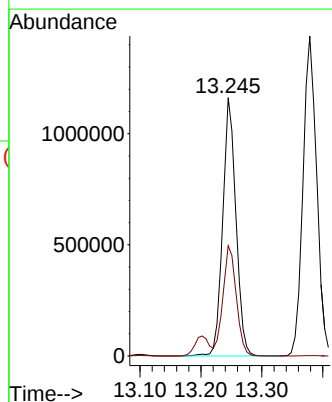
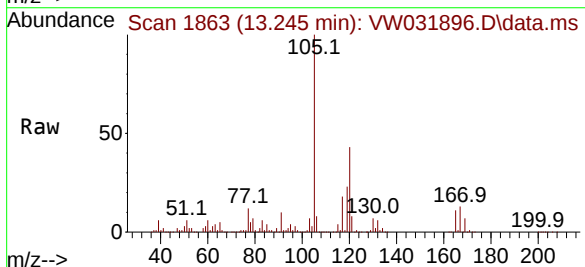
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

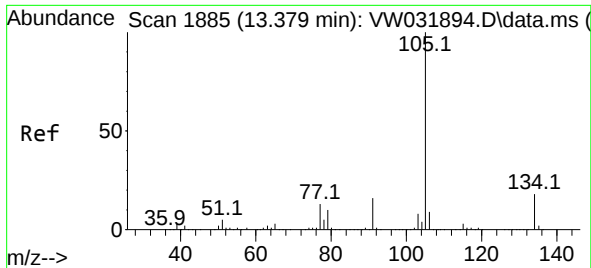
Tgt Ion:119 Resp: 1484103
Ion Ratio Lower Upper
119 100
91 71.0 35.5 106.5
134 26.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 148.004 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:105 Resp: 1754255
Ion Ratio Lower Upper
105 100
120 43.1 21.3 63.9

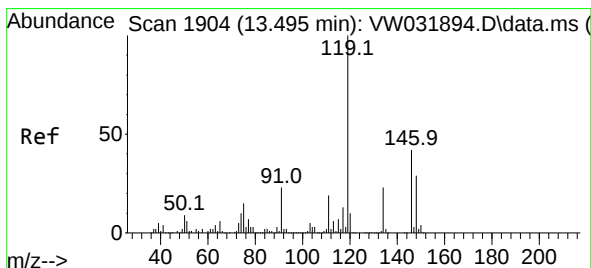
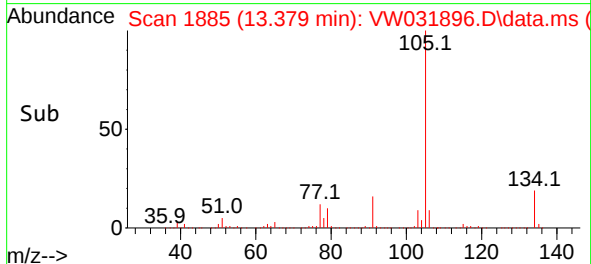
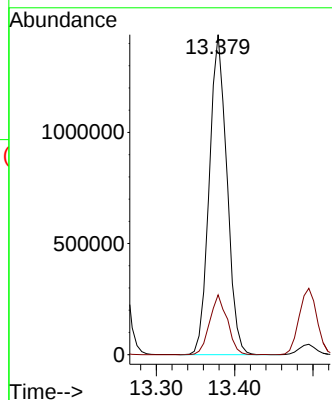
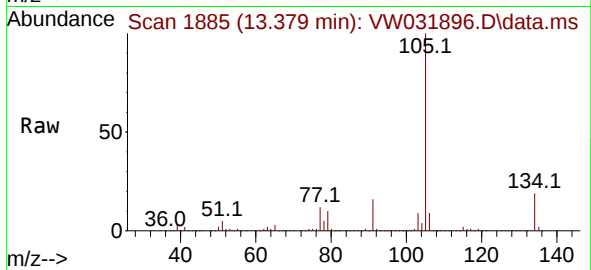




#85
 sec-Butylbenzene
 Concen: 149.881 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

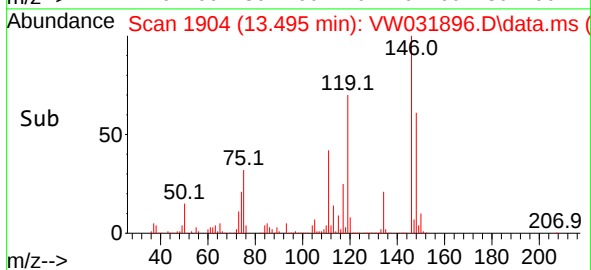
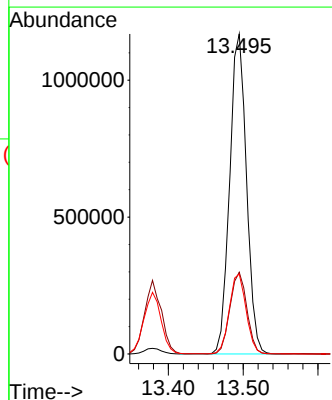
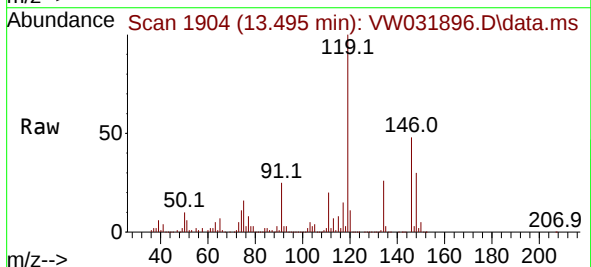
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

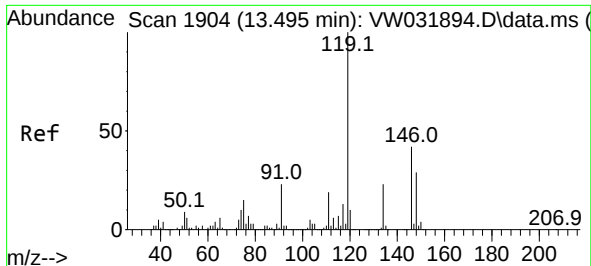
Tgt Ion:105 Resp: 2245185
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 147.687 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW031896.D
 Acq: 22 Jul 2025 12:00

Tgt Ion:119 Resp: 1828574
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.0 12.7 38.1

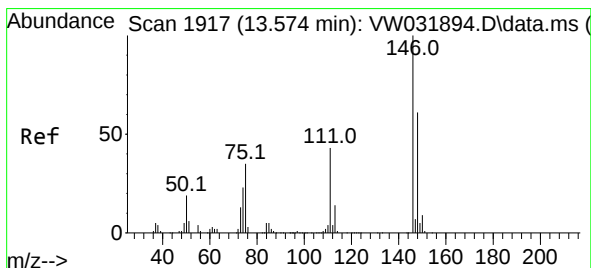
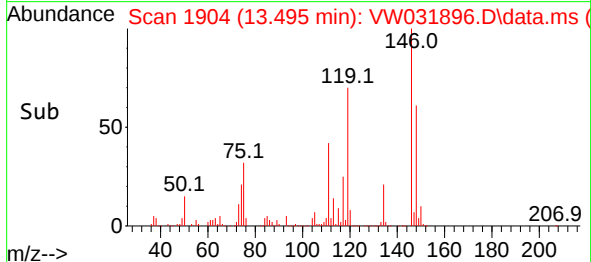
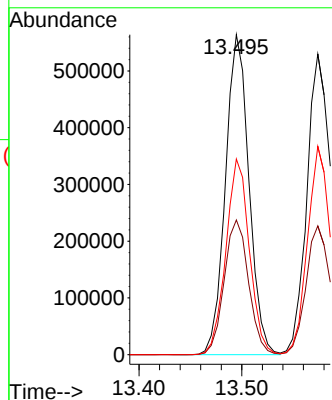
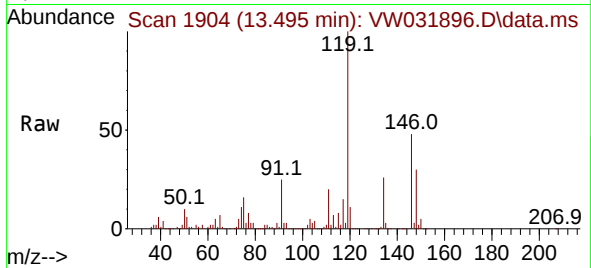




#87
1,3-Dichlorobenzene
Concen: 142.664 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

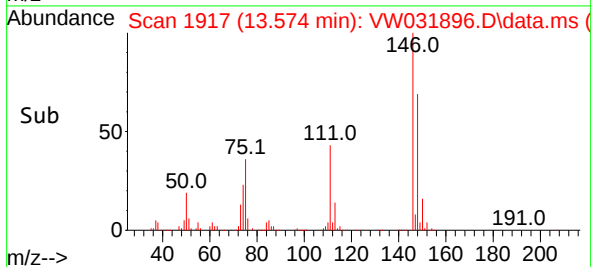
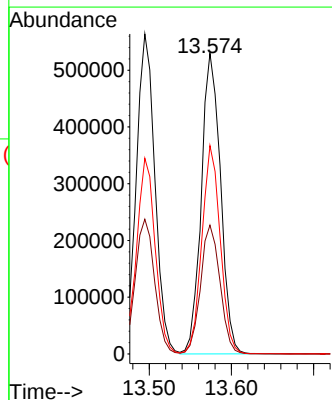
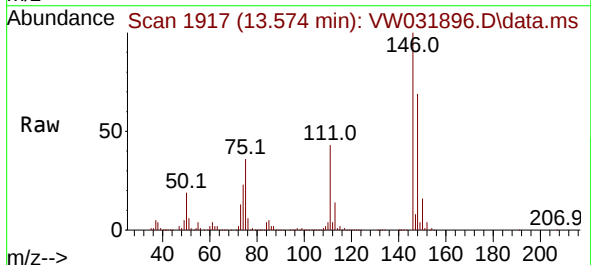
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

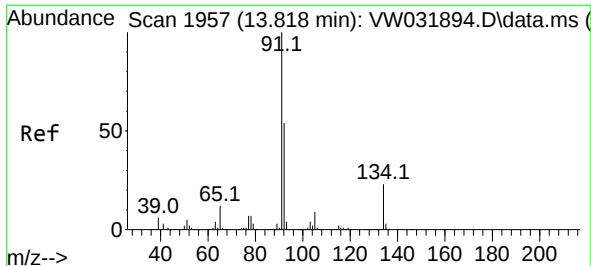
Tgt Ion:146 Resp: 897163
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.7
148 61.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 139.697 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:146 Resp: 860596
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 66.4 31.8 95.3

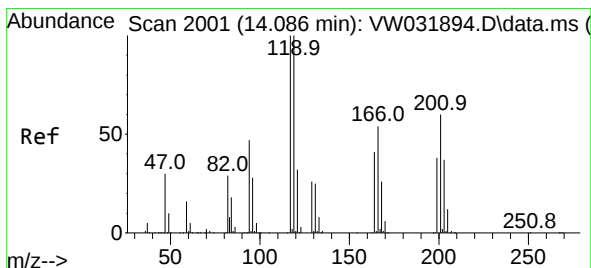
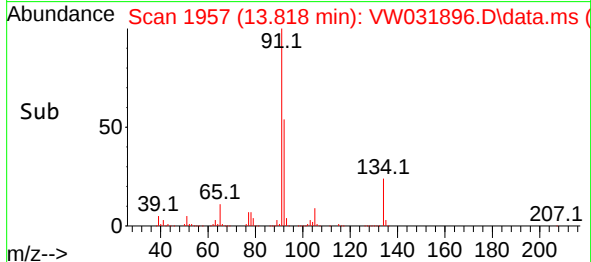
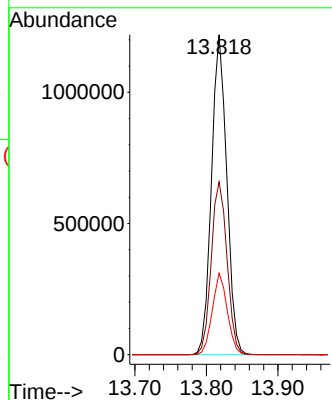
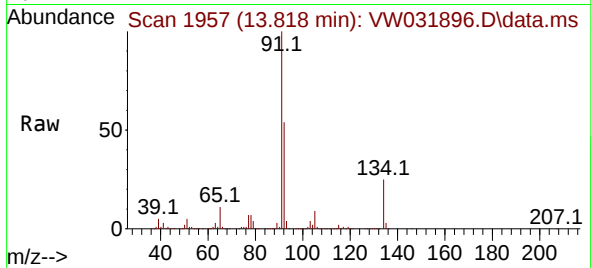




#89
n-Butylbenzene
Concen: 148.944 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

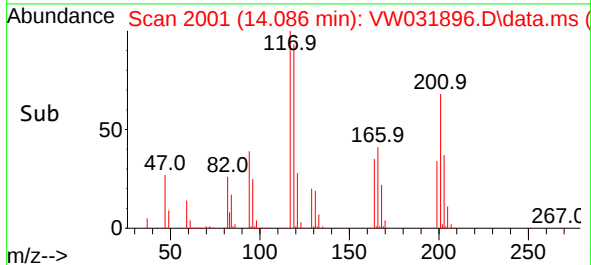
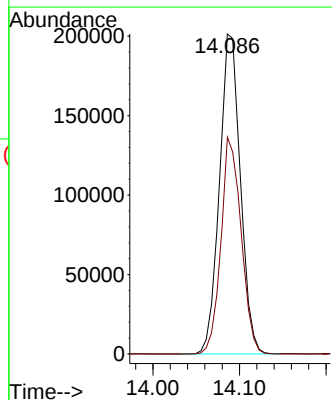
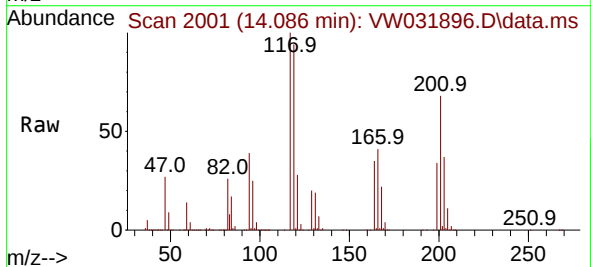
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

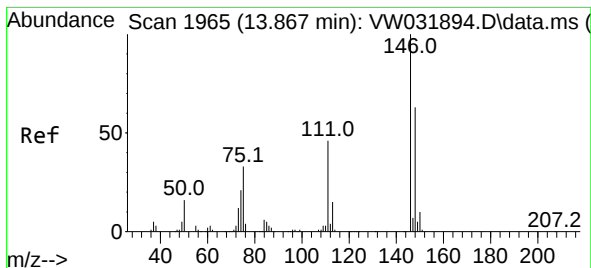
Tgt Ion: 91 Resp: 1809075
Ion Ratio Lower Upper
91 100
92 55.8 27.2 81.5
134 25.0 11.6 34.7



#90
Hexachloroethane
Concen: 158.018 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion: 117 Resp: 338316
Ion Ratio Lower Upper
117 100
201 65.2 28.4 85.2

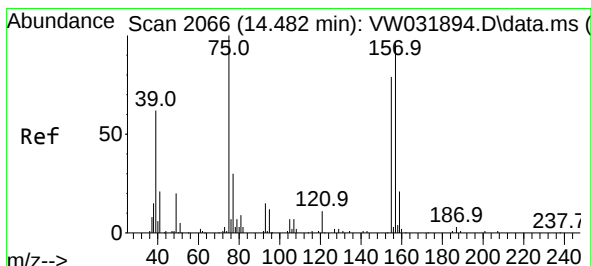
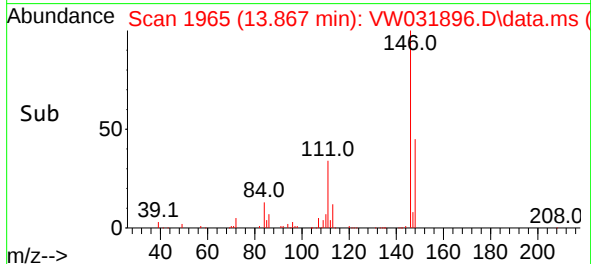
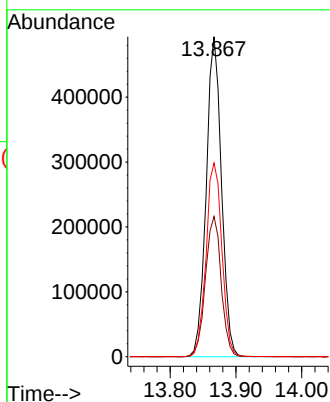
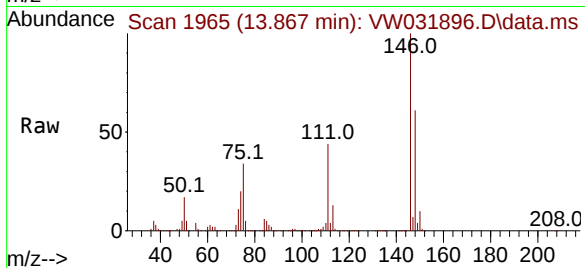




#91
1,2-Dichlorobenzene
Concen: 142.542 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

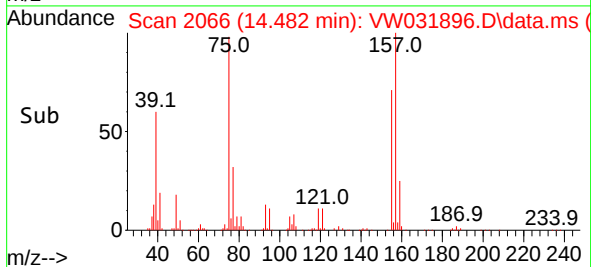
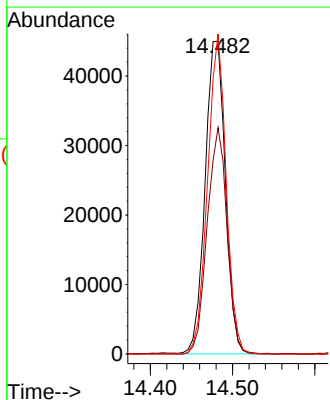
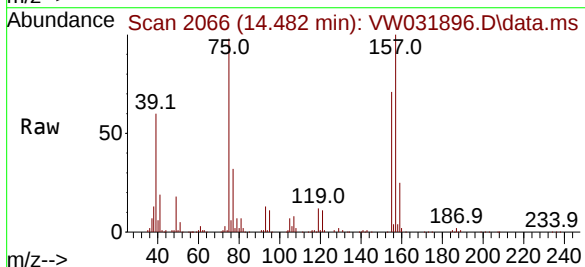
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

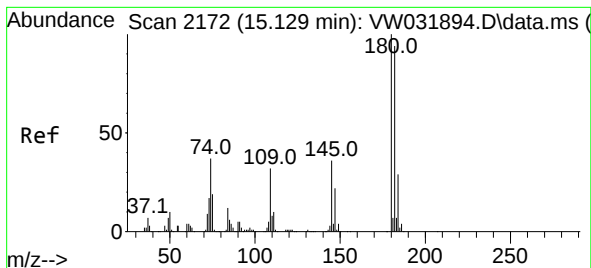
Tgt Ion:	146	Resp:	794424
Ion Ratio	Lower	Upper	
146	100		
111	45.2	23.6	71.0
148	62.9	32.4	97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 144.321 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:	75	Resp:	77276
Ion Ratio	Lower	Upper	
75	100		
155	70.1	35.9	107.7
157	93.2	47.4	142.2





#93

1,2,4-Trichlorobenzene

Concen: 145.031 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

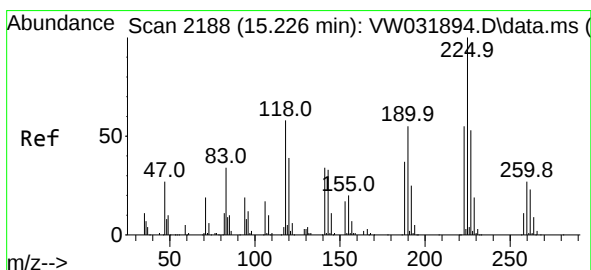
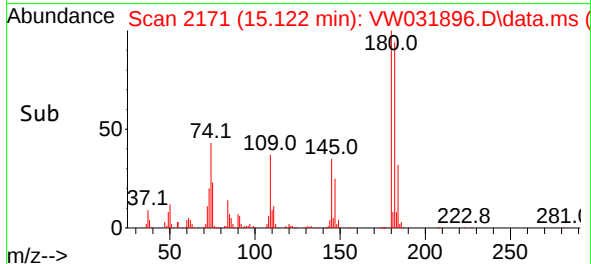
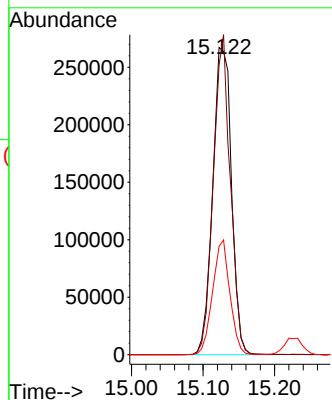
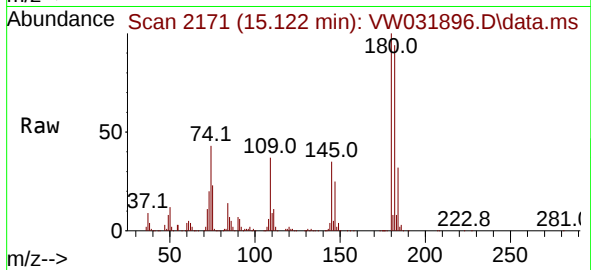
Tgt Ion:180 Resp: 487461

Ion Ratio Lower Upper

180 100

182 94.1 51.0 153.1

145 34.4 18.4 55.4



#94

Hexachlorobutadiene

Concen: 147.210 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW031896.D

Acq: 22 Jul 2025 12:00

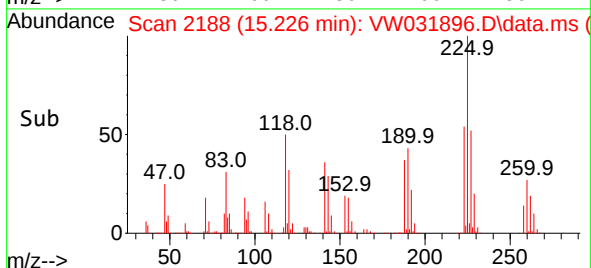
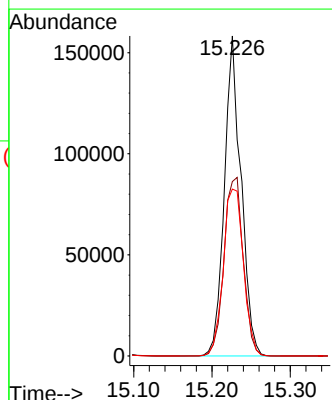
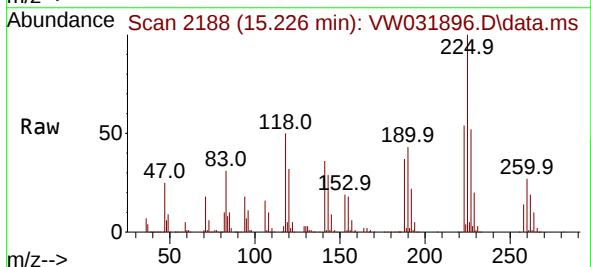
Tgt Ion:225 Resp: 234457

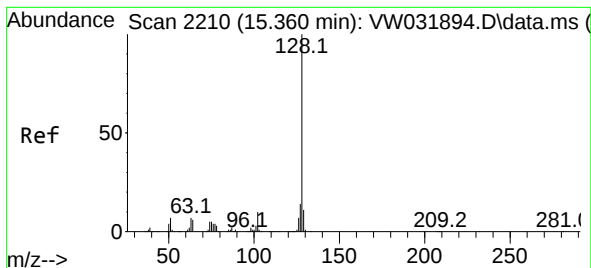
Ion Ratio Lower Upper

225 100

223 64.3 30.9 92.7

227 63.1 30.0 90.1

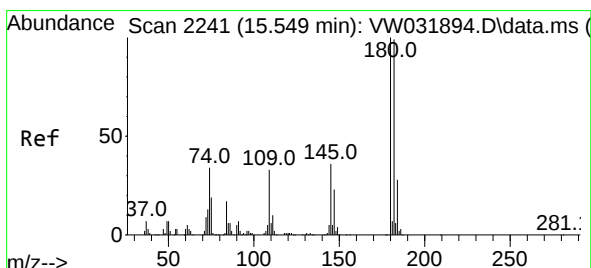
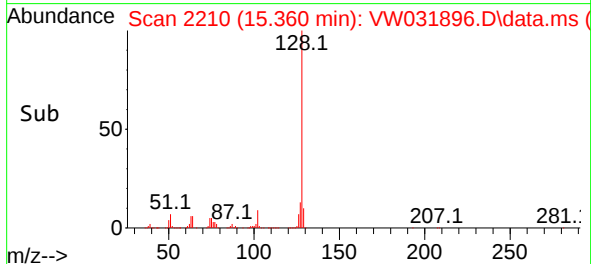
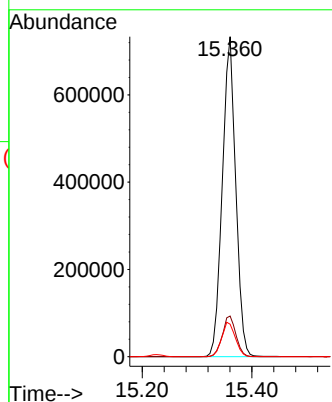
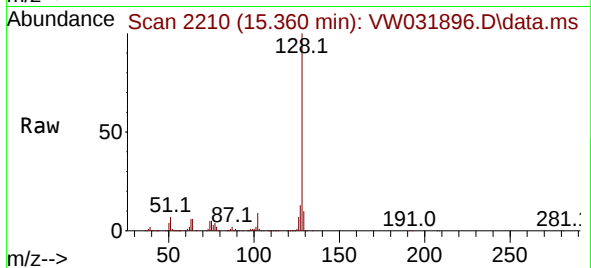




#95
Naphthalene
Concen: 150.984 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1247633
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 145.827 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031896.D
Acq: 22 Jul 2025 12:00

Tgt Ion:180 Resp: 444087
Ion Ratio Lower Upper
180 100
182 95.4 50.4 151.2
145 37.2 18.6 55.8

