

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032132.D
 Acq On : 25 Aug 2025 14:23
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 04:10:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:03:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	224533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	385077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	346011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173640	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	460363	149.310	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 298.620%#	
35) Dibromofluoromethane	7.898	113	383817	146.815	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 293.640%#	
50) Toluene-d8	10.325	98	1391987	149.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 298.480%#	
62) 4-Bromofluorobenzene	12.617	95	516101	149.070	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 298.140%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	199434	135.258	ug/l	97
3) Chloromethane	2.259	50	220476	137.913	ug/l	98
4) Vinyl Chloride	2.405	62	266636	136.626	ug/l	97
5) Bromomethane	2.814	94	253764	144.253	ug/l	98
6) Chloroethane	2.966	64	200047	144.459	ug/l	98
7) Trichlorofluoromethane	3.302	101	303549	154.087	ug/l	97
8) Diethyl Ether	3.722	74	201732	140.089	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.094	101	299024	137.649	ug/l	98
10) Methyl Iodide	4.314	142	466020	139.664	ug/l	100
11) Tert butyl alcohol	5.222	59	148916	773.398	ug/l	95
12) 1,1-Dichloroethene	4.076	96	321940	138.734	ug/l	97
13) Acrolein	3.930	56	59420	498.173	ug/l	99
14) Allyl chloride	4.704	41	477531	145.445	ug/l	98
15) Acrylonitrile	5.405	53	546582	769.563	ug/l	100
16) Acetone	4.161	43	453821	625.649	ug/l	99
17) Carbon Disulfide	4.417	76	829054	142.792	ug/l	98
18) Methyl Acetate	4.710	43	322774	156.290	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	640190	147.801	ug/l	96
20) Methylene Chloride	4.960	84	369048	126.410	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	366846	141.716	ug/l	94
22) Diisopropyl ether	6.344	45	1059786	146.518	ug/l	99
23) Vinyl Acetate	6.283	43	3859396	777.915	ug/l	98
24) 1,1-Dichloroethane	6.246	63	664832	143.760	ug/l	99
25) 2-Butanone	7.197	43	756733	752.547	ug/l	96
26) 2,2-Dichloropropane	7.185	77	359512	142.061	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	462920	147.854	ug/l	99
28) Bromochloromethane	7.533	49	318447	148.600	ug/l #	98
29) Tetrahydrofuran	7.551	42	482783	778.807	ug/l	100
30) Chloroform	7.691	83	752371	142.192	ug/l	97
31) Cyclohexane	7.972	56	512437	132.512	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	545602	141.926	ug/l	99
36) 1,1-Dichloropropene	8.093	75	488482	141.812	ug/l	98
37) Ethyl Acetate	7.277	43	317044	149.808	ug/l	99
38) Carbon Tetrachloride	8.081	117	524299	143.588	ug/l	99
39) Methylcyclohexane	9.343	83	609276	148.728	ug/l	99
40) Benzene	8.337	78	1510892	142.439	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	181573	157.480	ug/l	94
42) 1,2-Dichloroethane	8.410	62	522102	141.486	ug/l	100
43) Isopropyl Acetate	8.435	43	613939	157.407	ug/l	98
44) Trichloroethene	9.099	130	387831	141.937	ug/l	88
45) 1,2-Dichloropropane	9.374	63	363755	142.437	ug/l	100
46) Dibromomethane	9.465	93	257920	144.811	ug/l	99
47) Bromodichloromethane	9.648	83	598717	148.288	ug/l	97
48) Methyl methacrylate	9.441	41	291855	159.264	ug/l	99
49) 1,4-Dioxane	9.465	88	71928	3047.986	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	1704309	775.494	ug/l	99
52) Toluene	10.392	92	992031	143.900	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	577704	159.254	ug/l	94
54) cis-1,3-Dichloropropene	10.081	75	636224	153.735	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	333584	143.414	ug/l	97
56) Ethyl methacrylate	10.648	69	495663	164.365	ug/l	99
57) 1,3-Dichloropropane	10.934	76	560124	144.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	1305846	803.253	ug/l	99
59) 2-Hexanone	10.971	43	1205158	771.123	ug/l	98
60) Dibromochloromethane	11.130	129	429657	152.471	ug/l	99
61) 1,2-Dibromoethane	11.239	107	340209	147.352	ug/l	98
64) Tetrachloroethene	10.861	164	335981	146.158	ug/l	93
65) Chlorobenzene	11.660	112	1139461	145.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	382019	151.416	ug/l	97
67) Ethyl Benzene	11.733	91	1953759	151.037	ug/l	99
68) m/p-Xylenes	11.837	106	1456619	291.832	ug/l	98
69) o-Xylene	12.166	106	726120	153.625	ug/l	97
70) Styrene	12.178	104	1260205	153.789	ug/l	99
71) Bromoform	12.349	173	248958	164.412	ug/l	99
73) Isopropylbenzene	12.465	105	1800463	155.816	ug/l	99
74) N-amyl acetate	12.270	43	566664	168.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	415758	151.799	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	531034	249.160	ug/l	41
77) Bromobenzene	12.745	156	456068	153.560	ug/l	93
78) n-propylbenzene	12.800	91	2154970	151.358	ug/l	97
79) 2-Chlorotoluene	12.891	91	1311618	151.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1530377	155.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	140605	172.292	ug/l	95
82) 4-Chlorotoluene	12.989	91	1372185	150.160	ug/l	99
83) tert-Butylbenzene	13.202	119	1295153	153.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	1570339	153.093	ug/l	100
85) sec-Butylbenzene	13.379	105	1934061	154.243	ug/l	99
86) p-Isopropyltoluene	13.495	119	1646459	155.354	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	836533	142.621	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	822998	137.608	ug/l	96
89) n-Butylbenzene	13.818	91	1565073	153.752	ug/l	98
90) Hexachloroethane	14.086	117	299297	153.625	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	794764	148.308	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.483	75	79942	161.174	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	504663	149.168	ug/l	95
94) Hexachlorobutadiene	15.232	225	239128	146.770	ug/l	95
95) Naphthalene	15.360	128	1303470	169.226	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	455549	145.678	ug/l	89

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ClientSampleId :

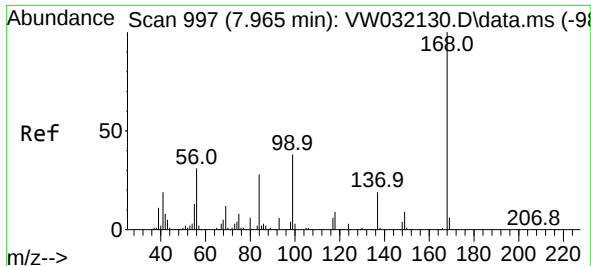
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QLast Update : Tue Aug 26 04:03:16 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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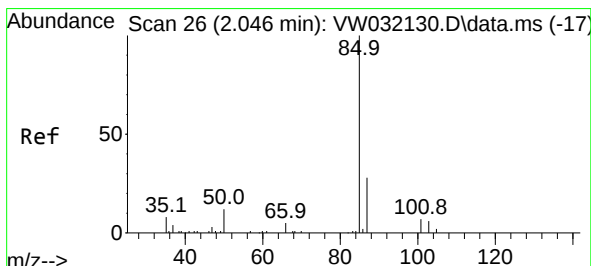
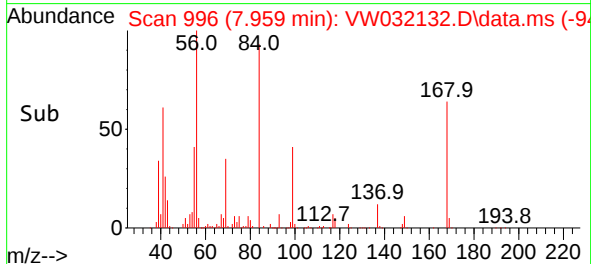
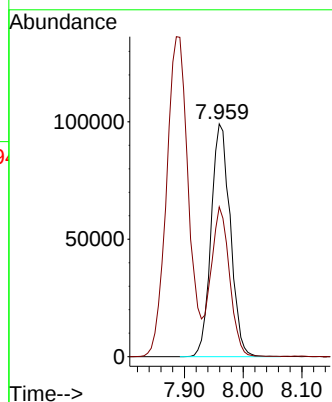
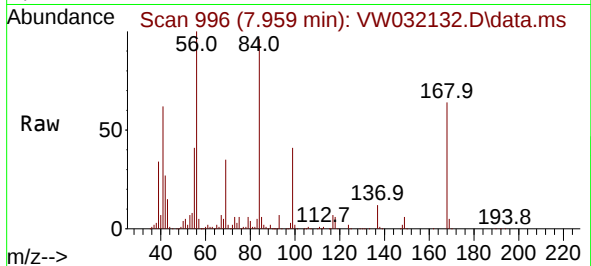




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032132.D
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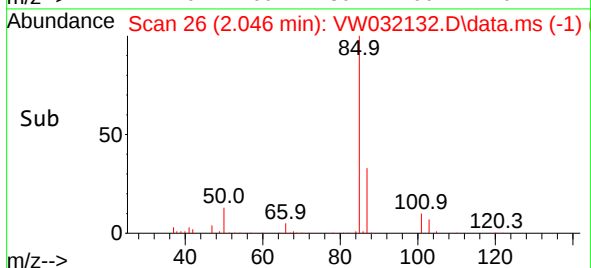
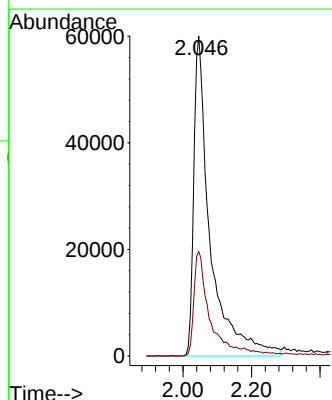
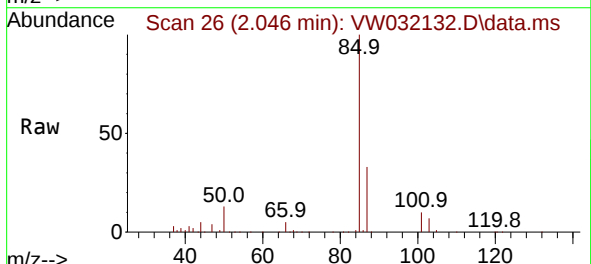
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ClientSampleId :

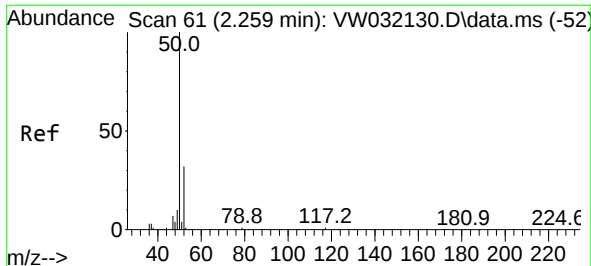
Tgt Ion:168 Resp: 224533
Ion Ratio Lower Upper
168 100
99 64.1 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 135.258 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 85 Resp: 199434
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4

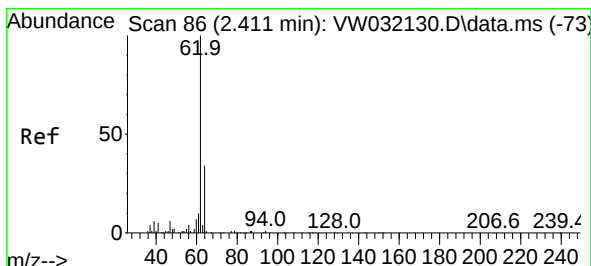
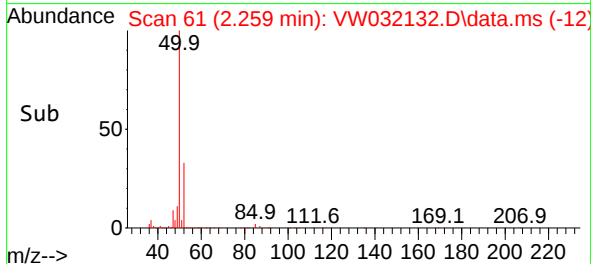
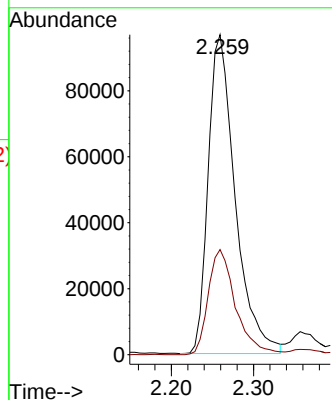
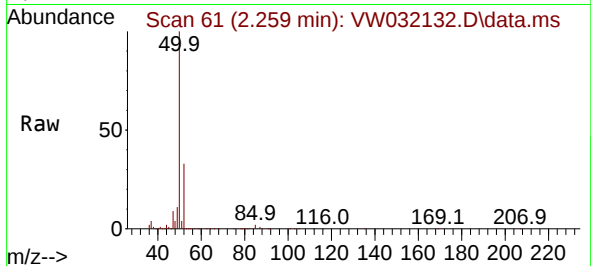




#3
Chloromethane
Concen: 137.913 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

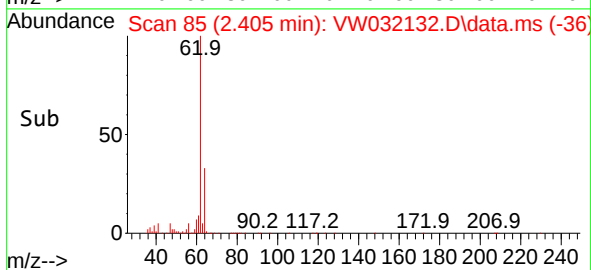
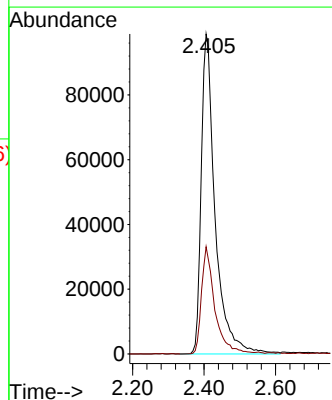
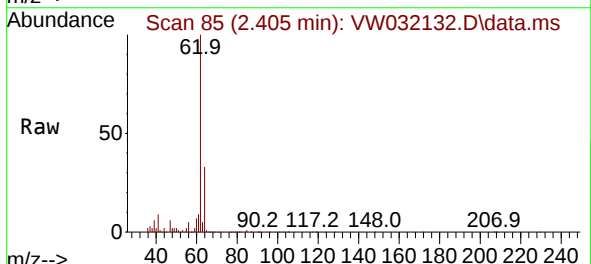
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ClientSampleId :

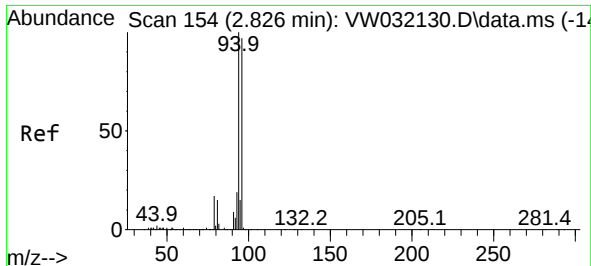
Tgt Ion: 50 Resp: 220476
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 136.626 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

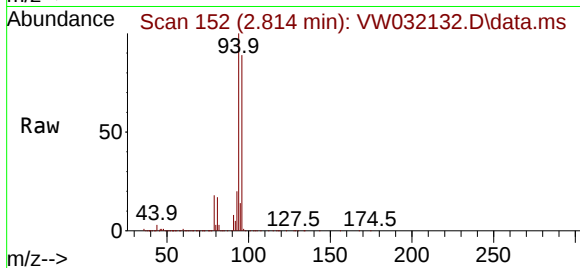
Tgt Ion: 62 Resp: 266636
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0



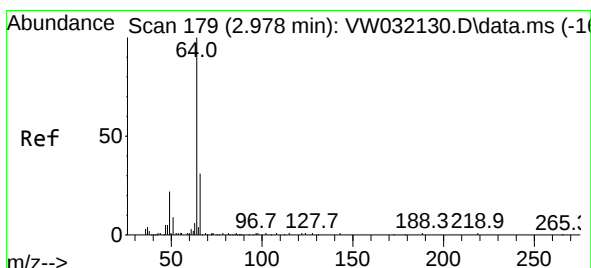
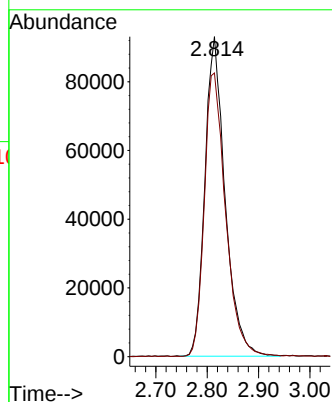
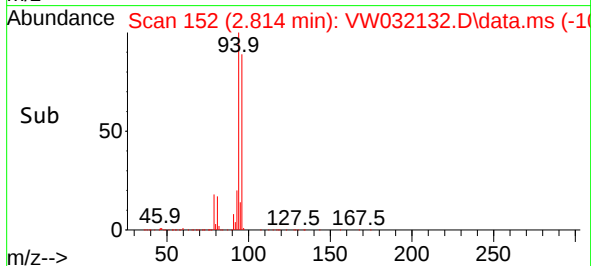


#5
Bromomethane
Concen: 144.253 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

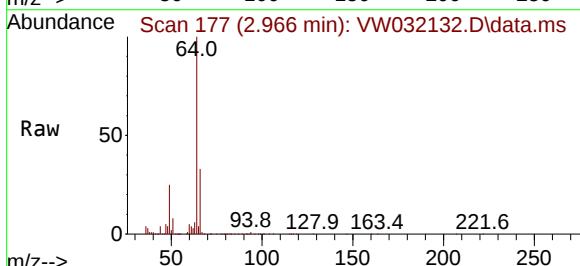
Instrument :
MSVOA_W
ClientSampleId :



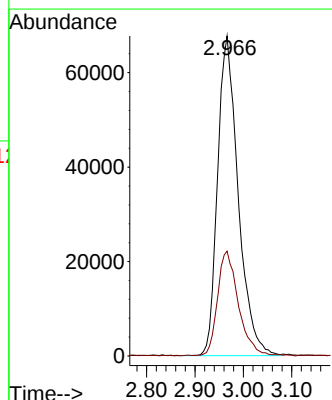
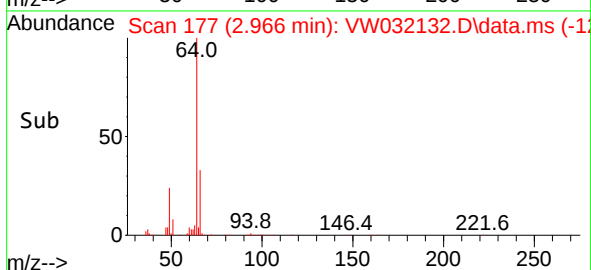
Tgt Ion: 94 Resp: 253764
Ion Ratio Lower Upper
94 100
96 88.6 72.8 109.2

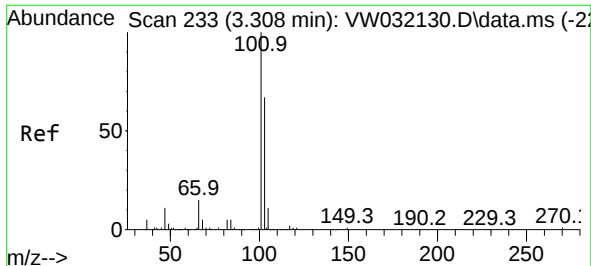


#6
Chloroethane
Concen: 144.459 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23



Tgt Ion: 64 Resp: 200047
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

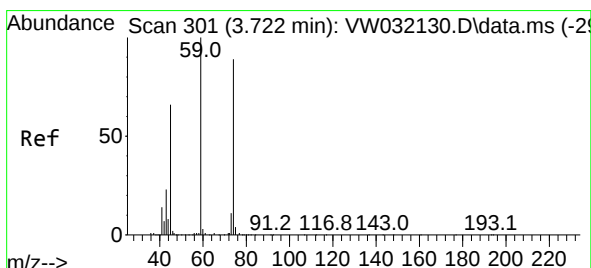
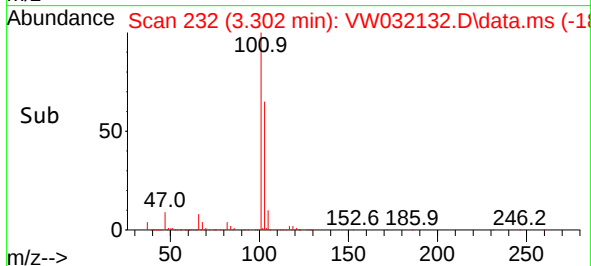
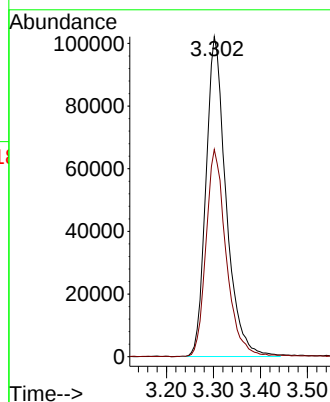
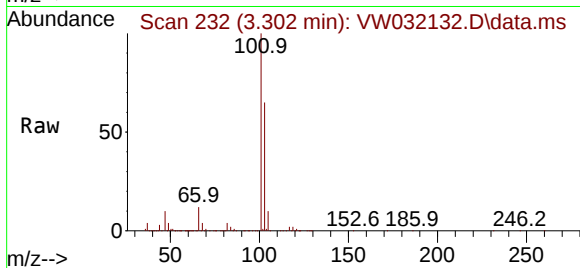




#7
 Trichlorofluoromethane
 Concen: 154.087 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

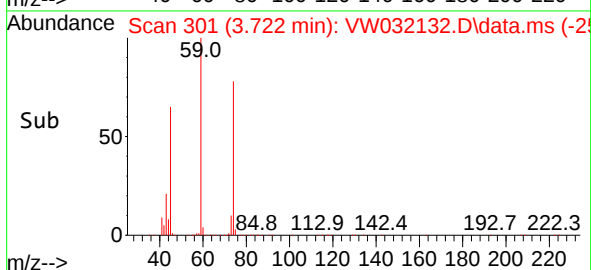
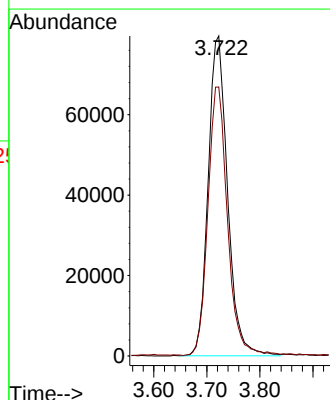
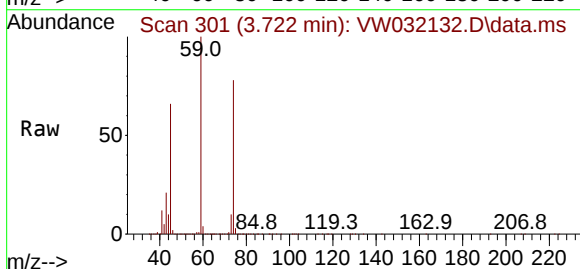
Instrument :
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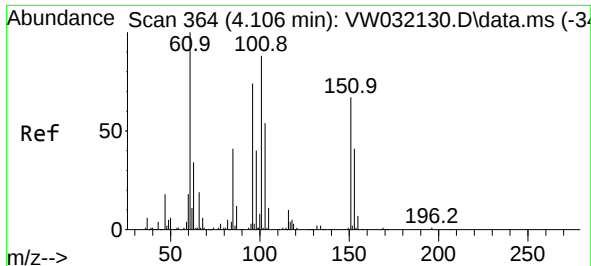
Tgt Ion:101 Resp: 303549
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.8 74.8



#8
 Diethyl Ether
 Concen: 140.089 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

Tgt Ion: 74 Resp: 201732
 Ion Ratio Lower Upper
 74 100
 45 85.0 43.0 128.8

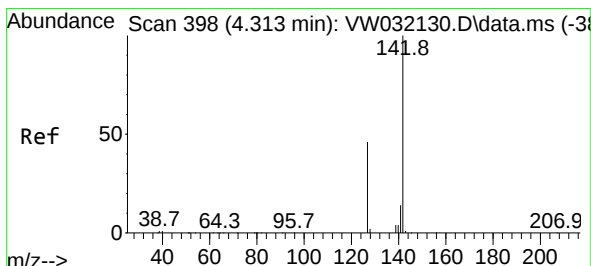
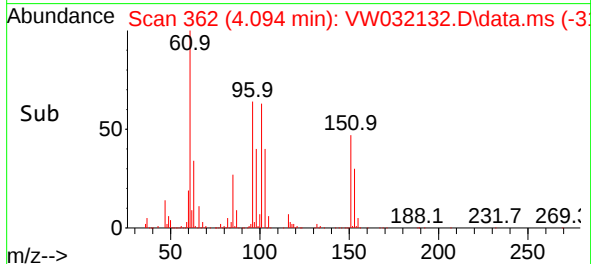
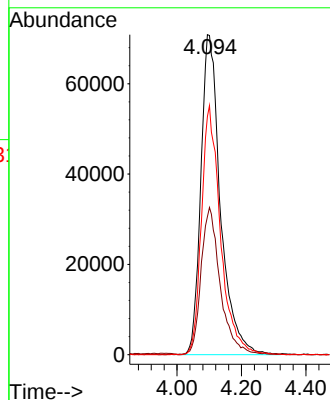
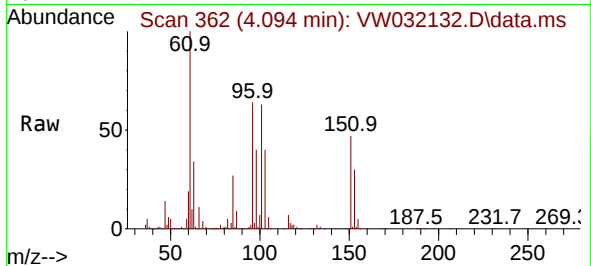




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 137.649 ug/l
 RT: 4.094 min Scan# 362
 Delta R.T. -0.006 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

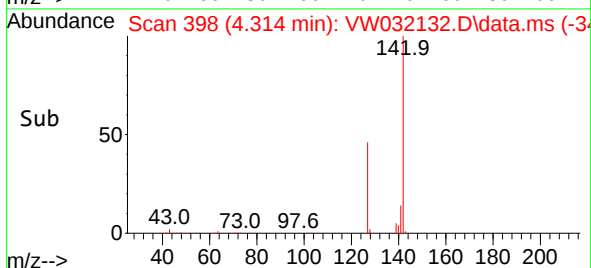
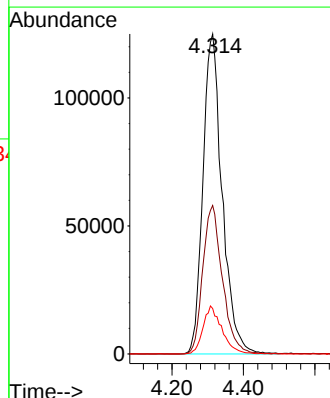
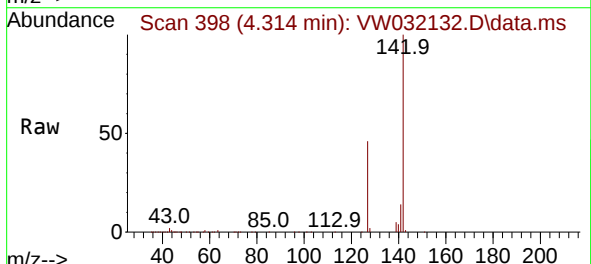
Instrument :
 MSVOA_W
 ClientSampleId :

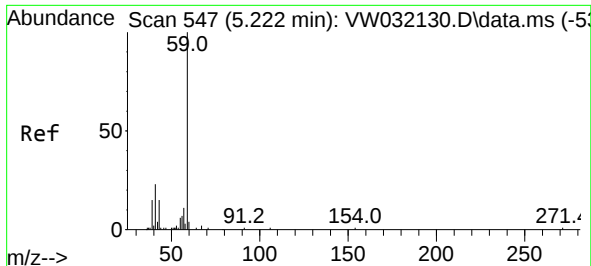
Tgt Ion:101 Resp: 299024
 Ion Ratio Lower Upper
 101 100
 85 44.7 37.0 55.6
 151 75.6 61.6 92.4



#10
 Methyl Iodide
 Concen: 139.664 ug/l
 RT: 4.314 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

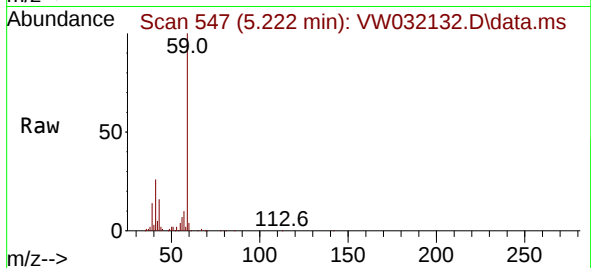
Tgt Ion:142 Resp: 466020
 Ion Ratio Lower Upper
 142 100
 127 47.4 37.8 56.8
 141 14.7 12.1 18.1



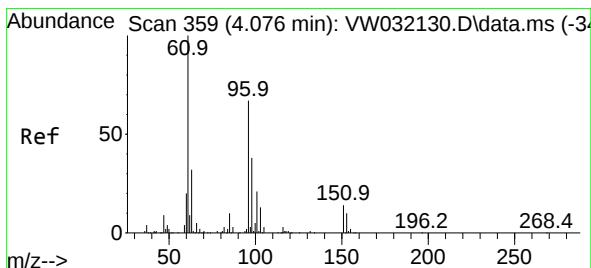
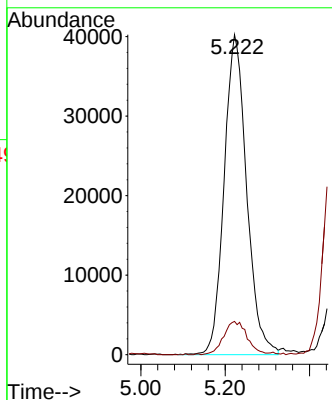
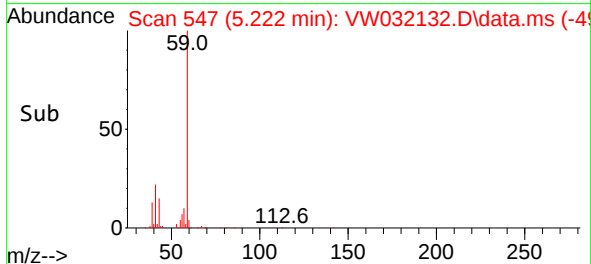


#11
Tert butyl alcohol
Concen: 773.398 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Instrument :
MSVOA_W
ClientSampleId :

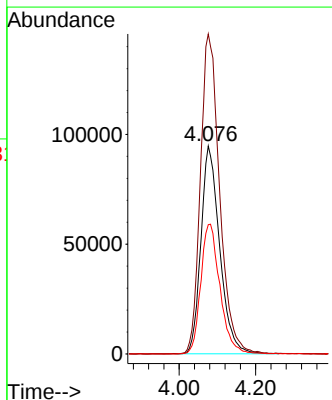
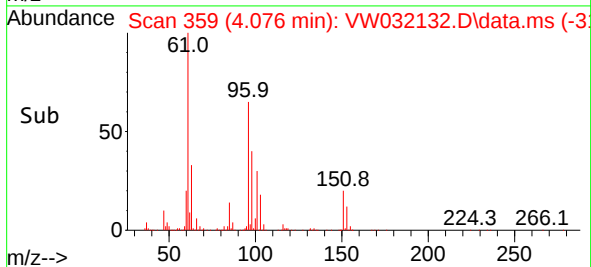
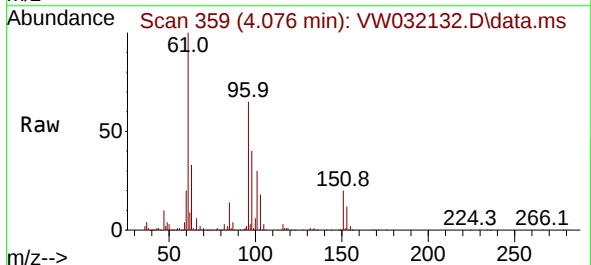


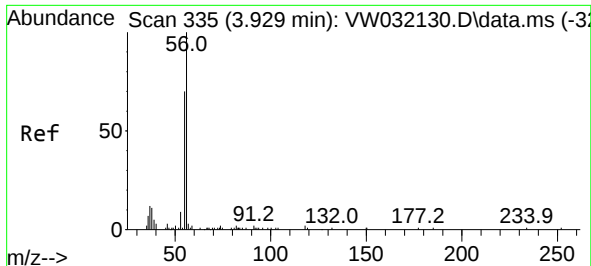
Tgt Ion: 59 Resp: 148916
Ion Ratio Lower Upper
59 100
57 10.9 10.2 15.2



#12
1,1-Dichloroethene
Concen: 138.734 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 96 Resp: 321940
Ion Ratio Lower Upper
96 100
61 154.0 124.6 186.8
98 62.2 45.0 67.4

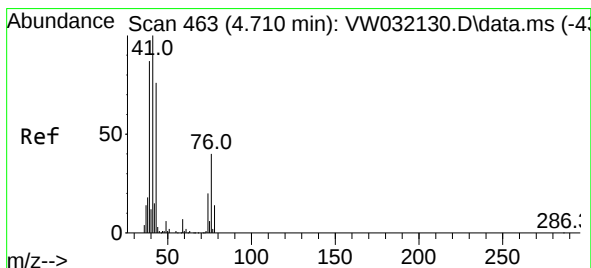
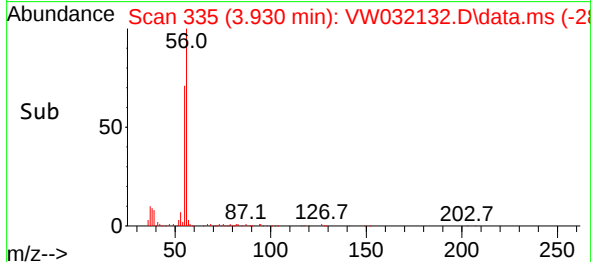
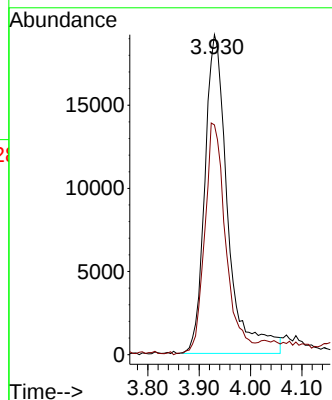
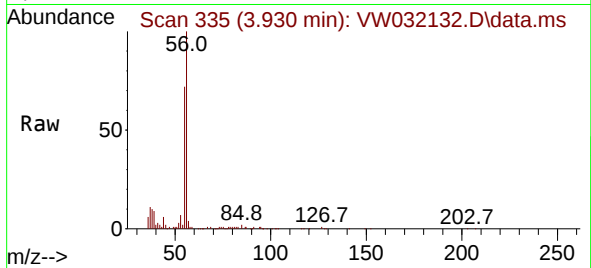




#13
Acrolein
Concen: 498.173 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

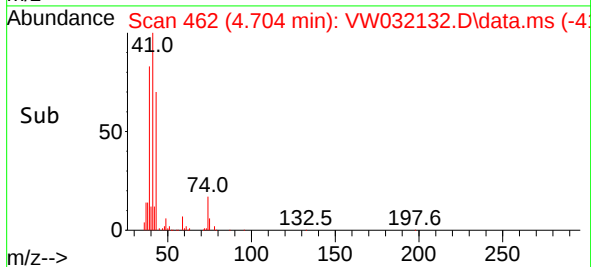
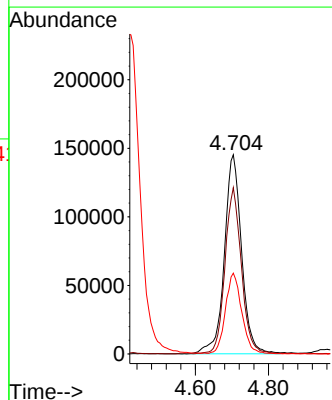
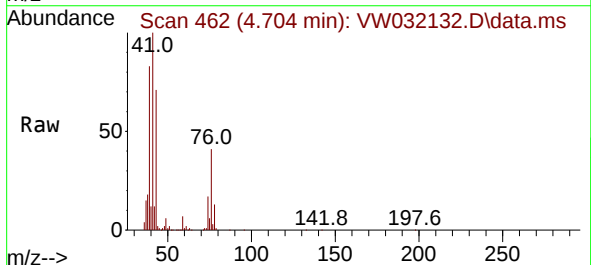
Instrument :
MSVOA_W
ClientSampleId :

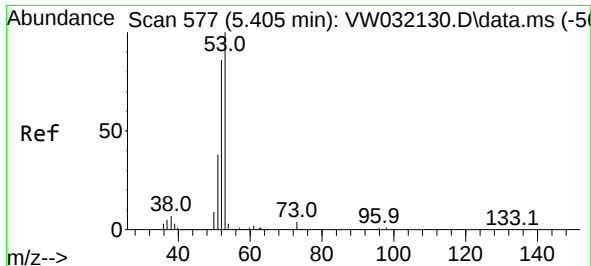
Tgt Ion: 56 Resp: 59420
Ion Ratio Lower Upper
56 100
55 67.3 53.5 80.3



#14
Allyl chloride
Concen: 145.445 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 41 Resp: 477531
Ion Ratio Lower Upper
41 100
39 79.4 65.1 97.7
76 38.2 30.7 46.1

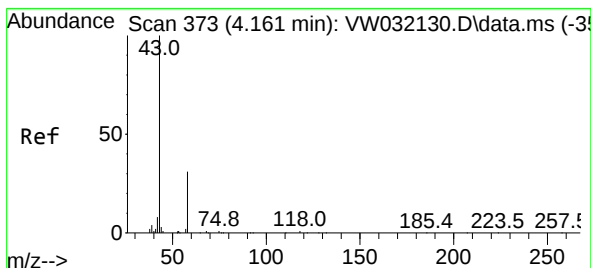
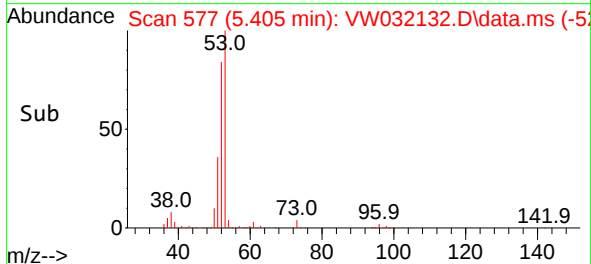
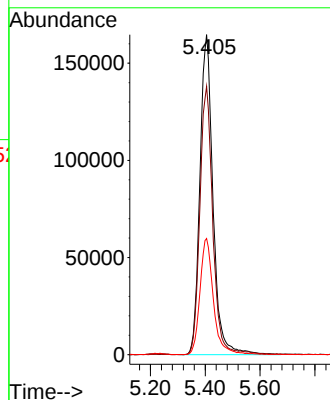
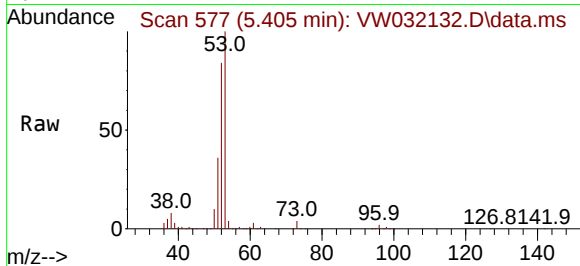




#15
Acrylonitrile
Concen: 769.563 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

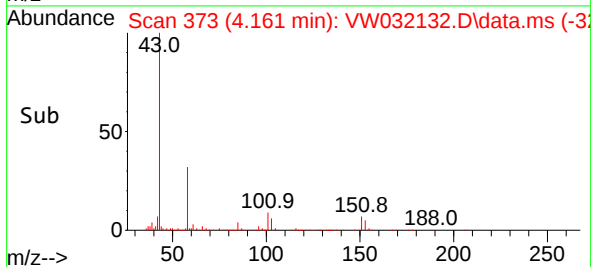
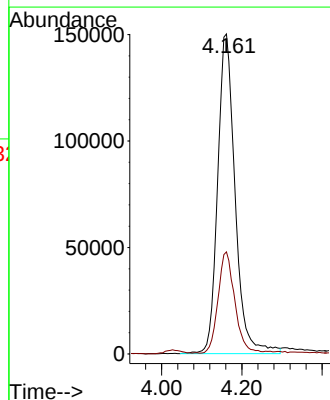
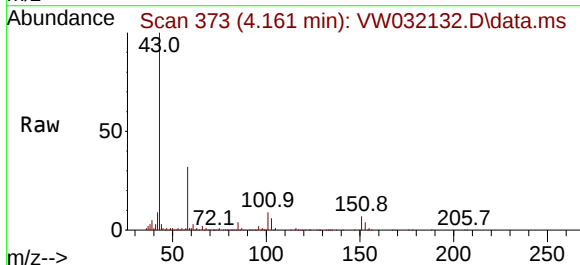
Instrument :
MSVOA_W
ClientSampleId :

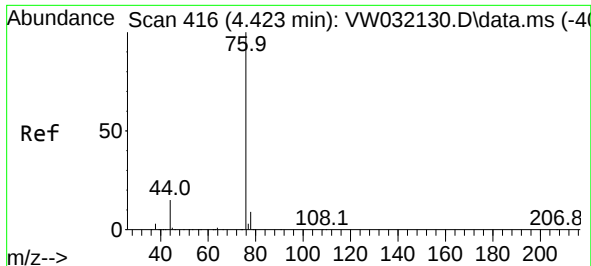
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	37.4	30.2	45.4



#16
Acetone
Concen: 625.649 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.6	36.8

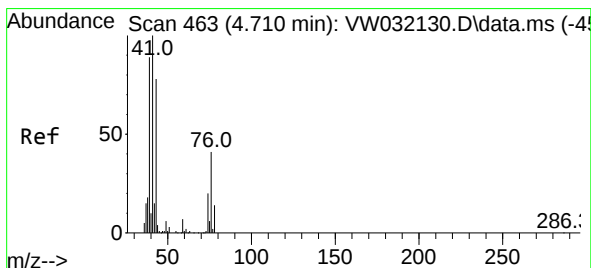
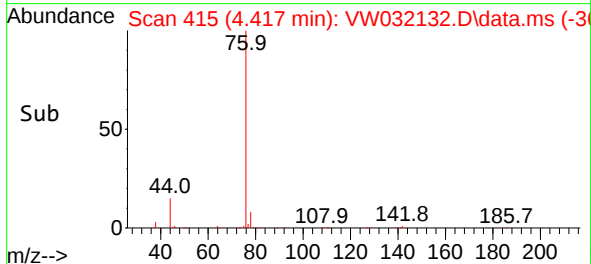
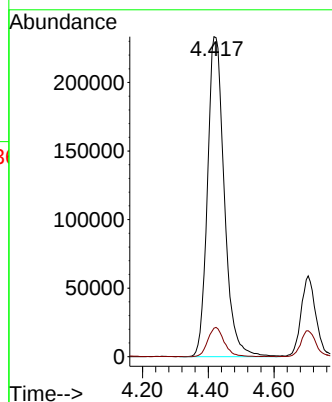
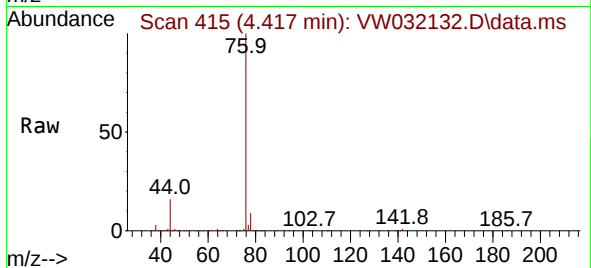




#17
Carbon Disulfide
Concen: 142.792 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

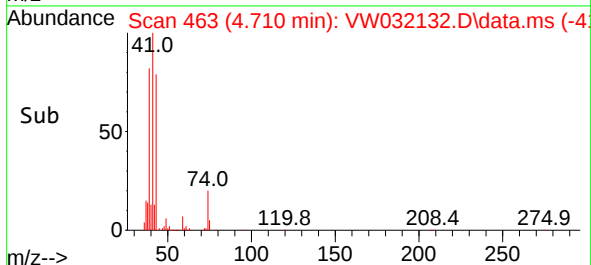
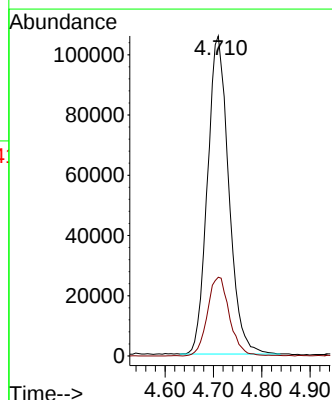
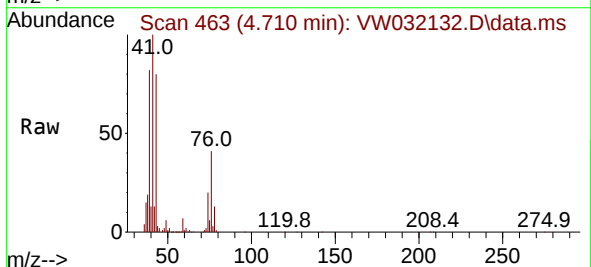
Instrument :
MSVOA_W
ClientSampleId :

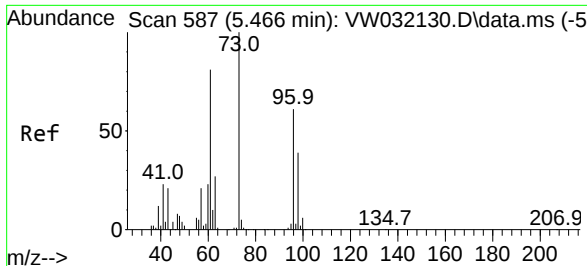
Tgt Ion: 76 Resp: 829054
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 156.290 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

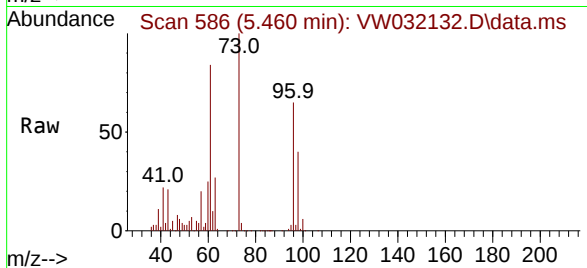
Tgt Ion: 43 Resp: 322774
Ion Ratio Lower Upper
43 100
74 25.8 20.6 30.8



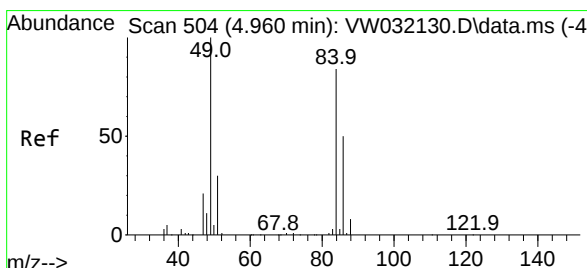
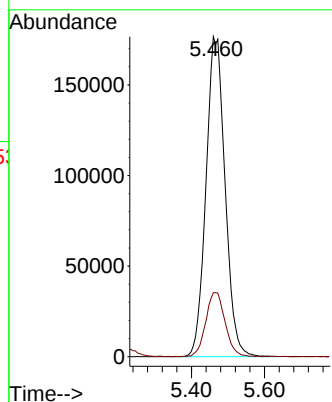
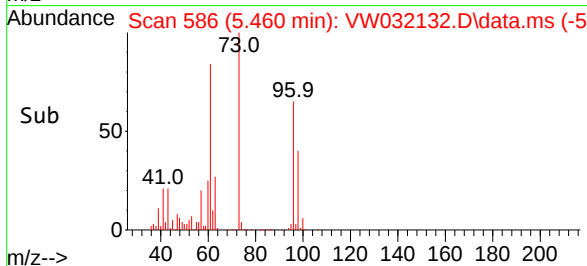


#19
Methyl tert-butyl Ether
Concen: 147.801 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Instrument :
MSVOA_W
ClientSampleId :

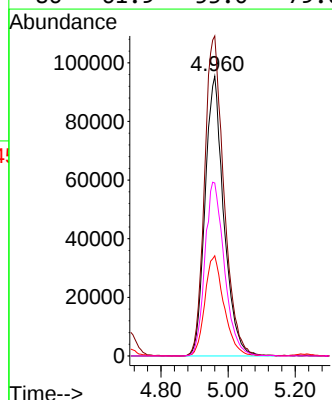
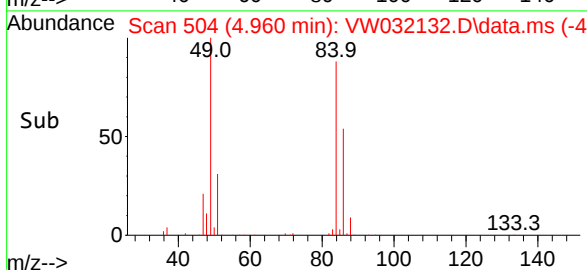
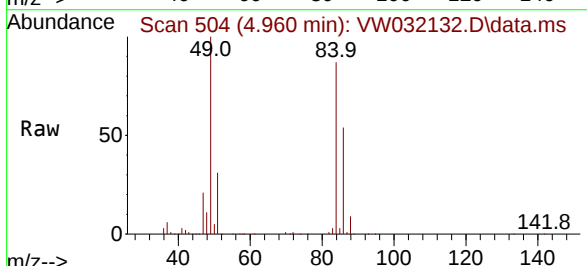


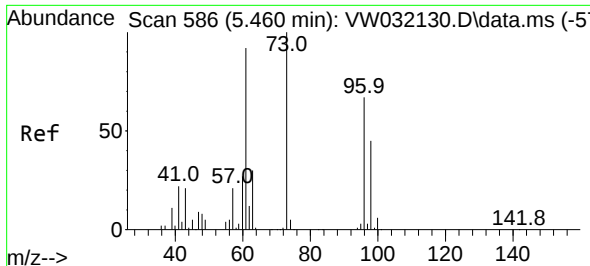
Tgt Ion: 73 Resp: 640190
Ion Ratio Lower Upper
73 100
57 20.0 17.7 26.5



#20
Methylene Chloride
Concen: 126.410 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 84 Resp: 369048
Ion Ratio Lower Upper
84 100
49 114.4 94.2 141.4
51 35.8 28.1 42.1
86 61.9 53.0 79.6

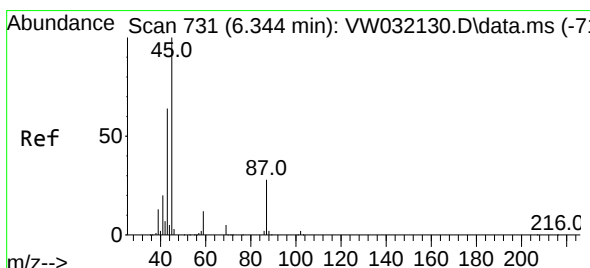
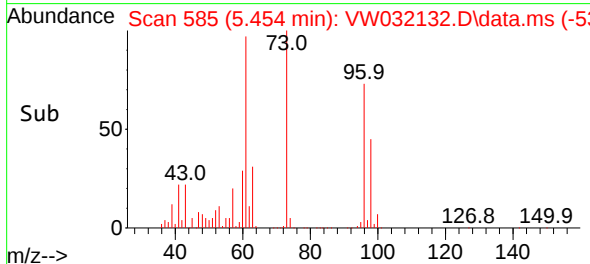
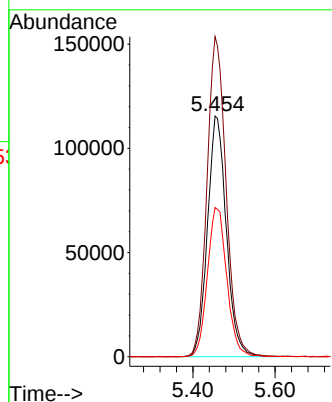
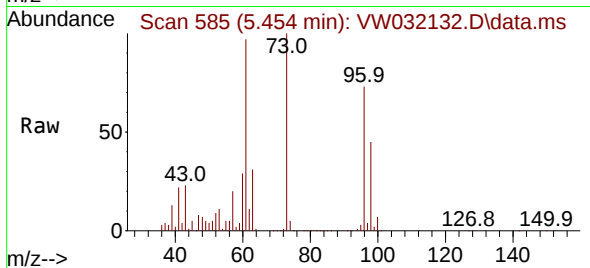




#21
trans-1,2-Dichloroethene
Concen: 141.716 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.012 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

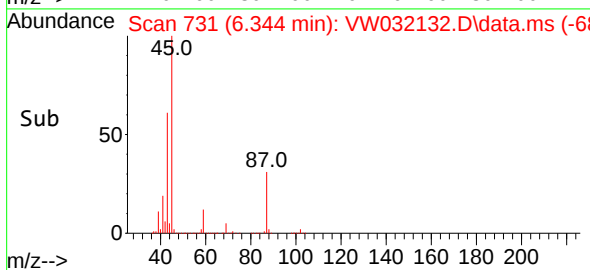
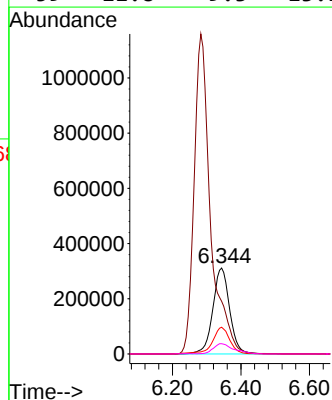
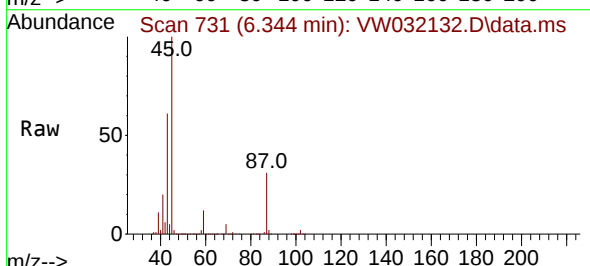
Instrument :
MSVOA_W
ClientSampleId :

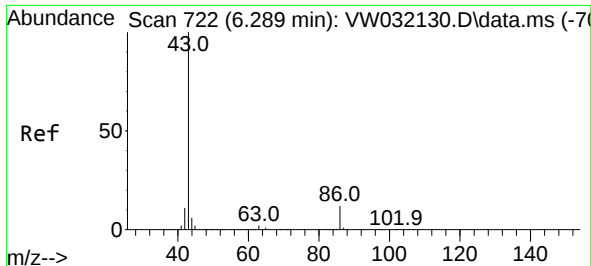
Tgt Ion: 96 Resp: 366846
Ion Ratio Lower Upper
96 100
61 132.9 103.0 154.4
98 62.0 56.2 84.4



#22
Diisopropyl ether
Concen: 146.518 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 45 Resp: 1059786
Ion Ratio Lower Upper
45 100
43 60.9 49.4 74.0
87 31.2 24.2 36.2
59 11.8 9.3 13.9

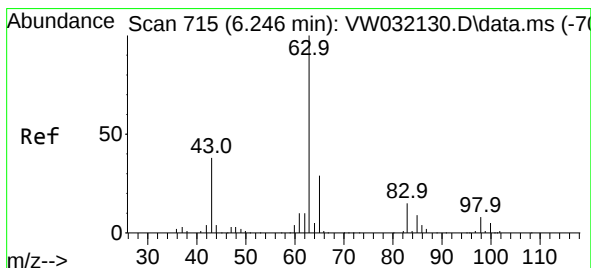
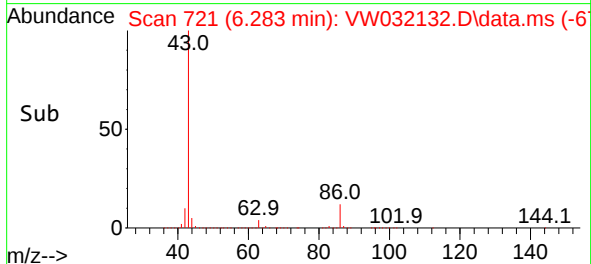
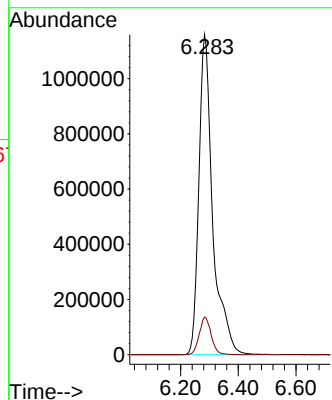
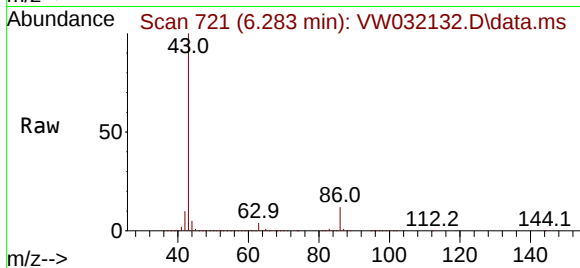




#23
 Vinyl Acetate
 Concen: 777.915 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

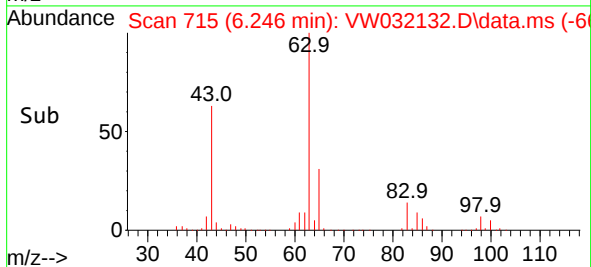
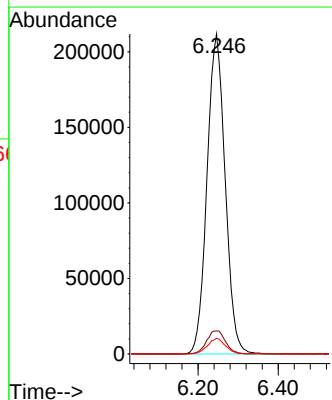
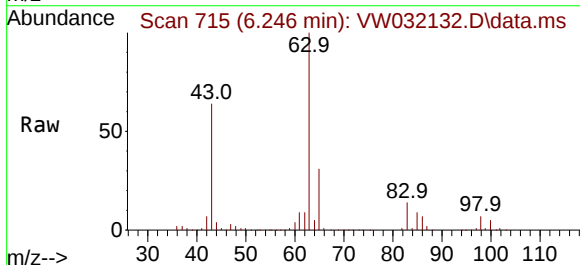
Instrument :
 MSVOA_W
 ClientSampleId :

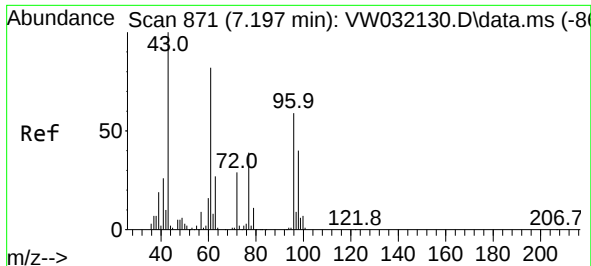
Tgt Ion: 43 Resp: 3859396
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 143.760 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

Tgt Ion: 63 Resp: 664832
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.8 2.1 6.3

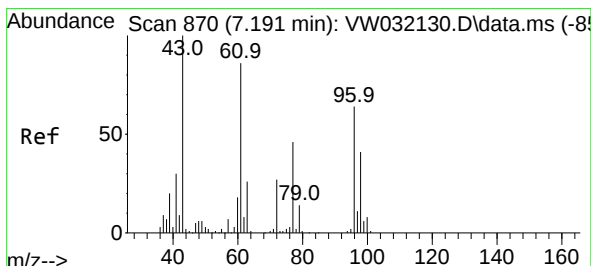
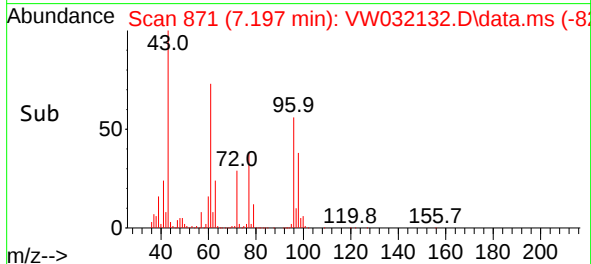
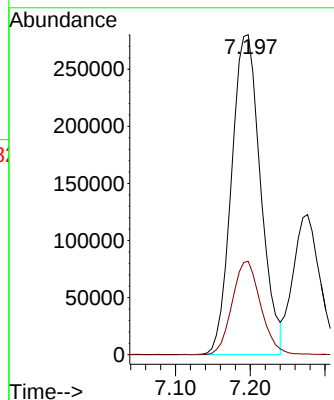
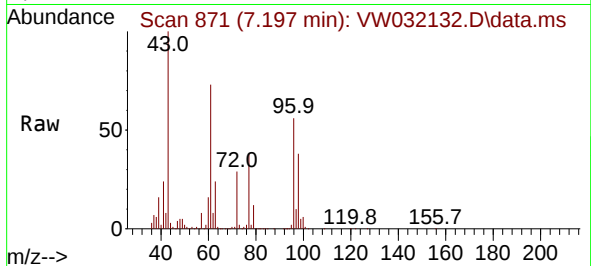




#25
2-Butanone
Concen: 752.547 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

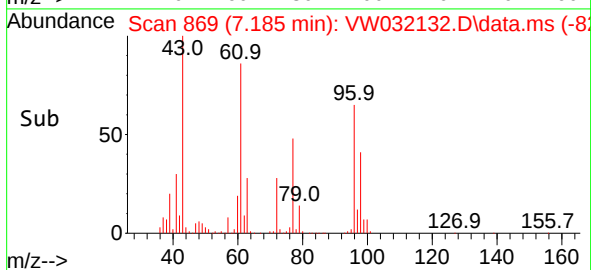
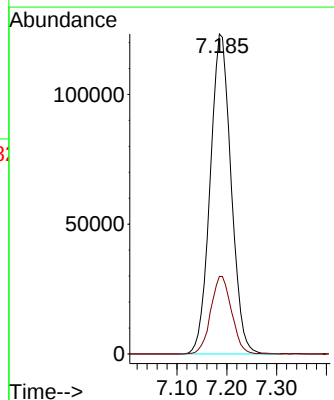
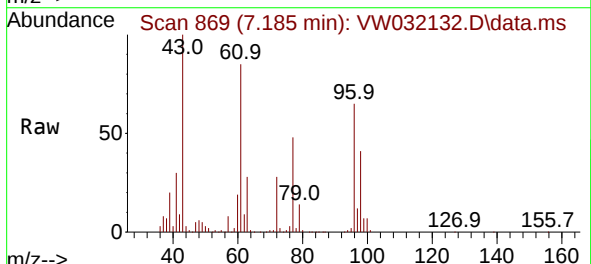
Instrument :
MSVOA_W
ClientSampleId :

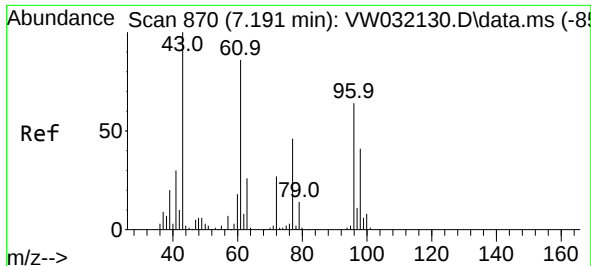
Tgt Ion: 43 Resp: 756733
Ion Ratio Lower Upper
43 100
72 29.2 21.6 32.4



#26
2,2-Dichloropropane
Concen: 142.061 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 77 Resp: 359512
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 147.854 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

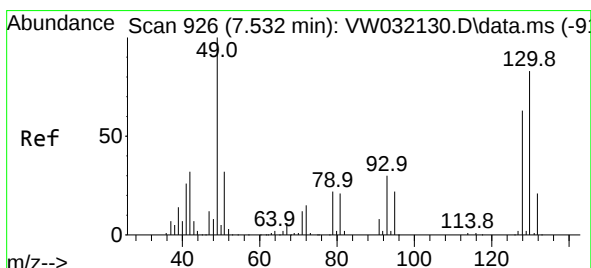
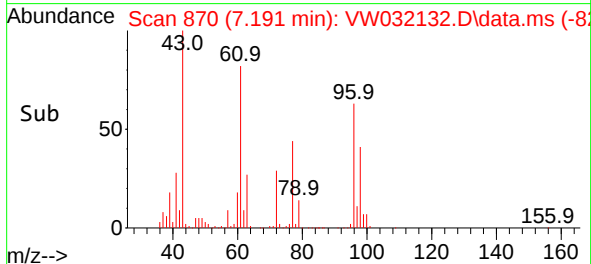
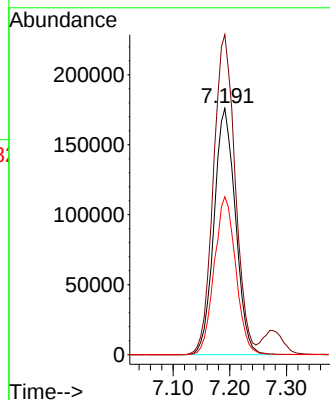
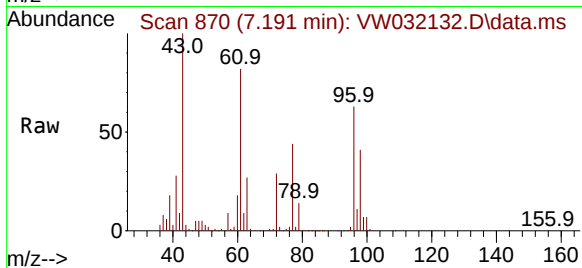
Tgt Ion: 96 Resp: 462920

Ion Ratio Lower Upper

96 100

61 132.2 0.0 266.2

98 64.5 0.0 125.4



#28

Bromochloromethane

Concen: 148.600 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

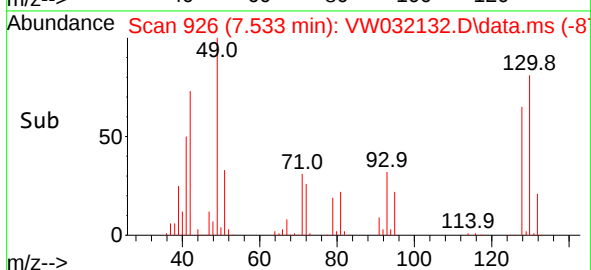
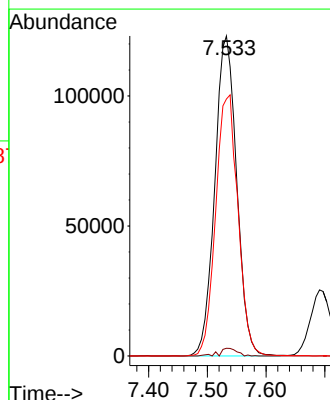
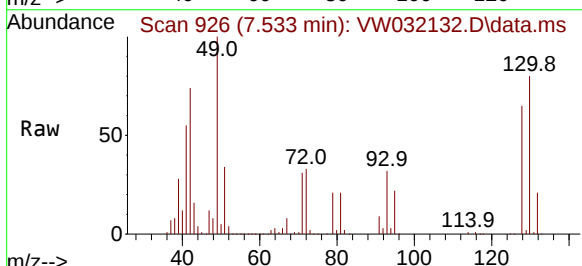
Tgt Ion: 49 Resp: 318447

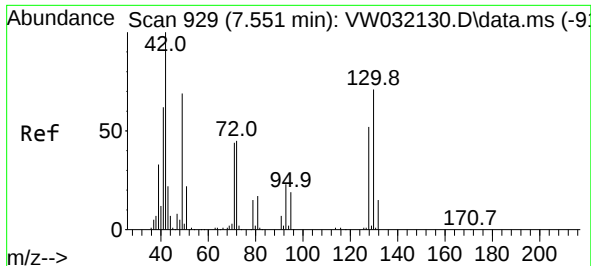
Ion Ratio Lower Upper

49 100

129 1.9 0.0 1.4#

130 83.1 67.8 101.8





#29

Tetrahydrofuran

Concen: 778.807 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

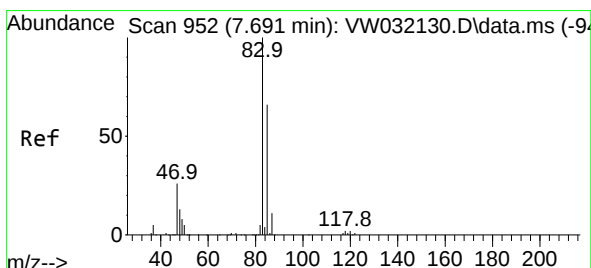
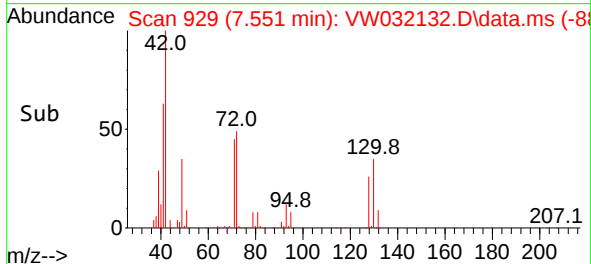
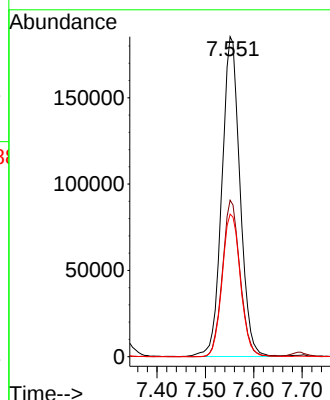
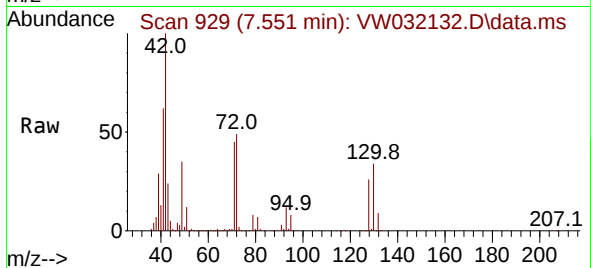
Tgt Ion: 42 Resp: 482783

Ion Ratio Lower Upper

42 100

72 47.8 38.2 57.2

71 45.1 35.8 53.8



#30

Chloroform

Concen: 142.192 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032132.D

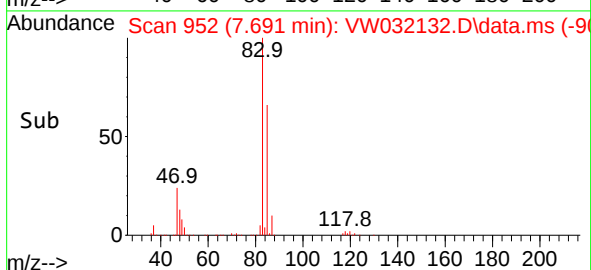
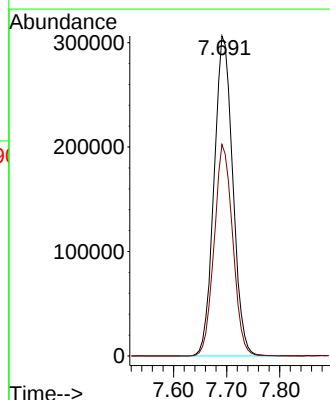
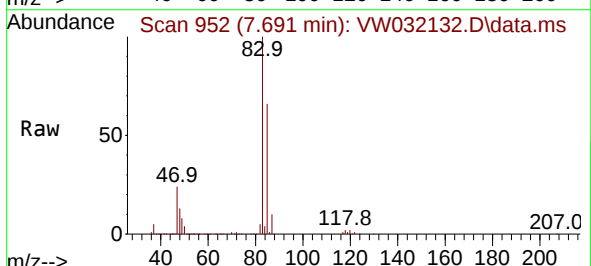
Acq: 25 Aug 2025 14:23

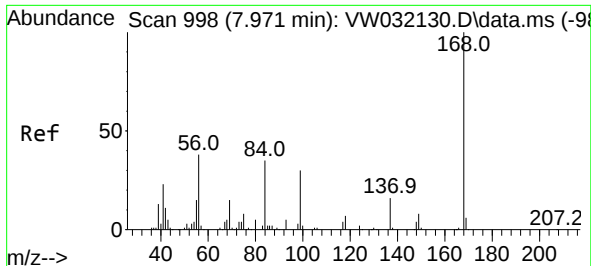
Tgt Ion: 83 Resp: 752371

Ion Ratio Lower Upper

83 100

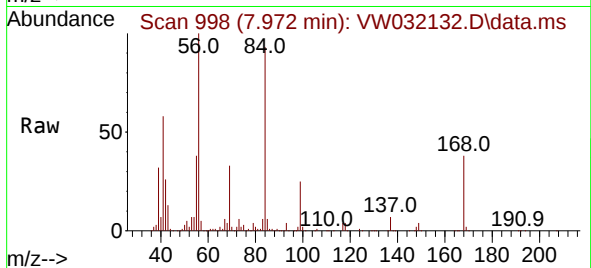
85 66.1 51.0 76.4



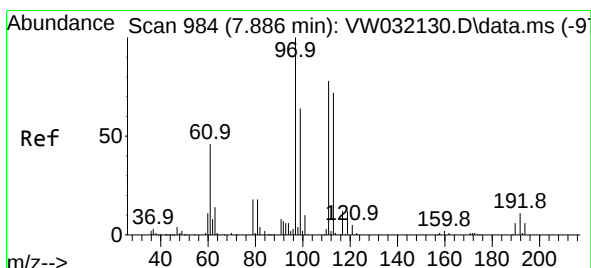
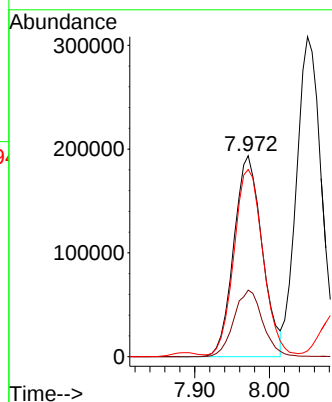
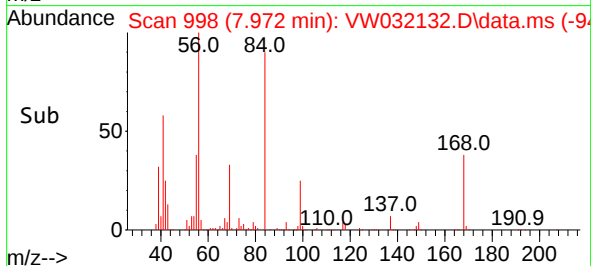


#31
Cyclohexane
Concen: 132.512 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

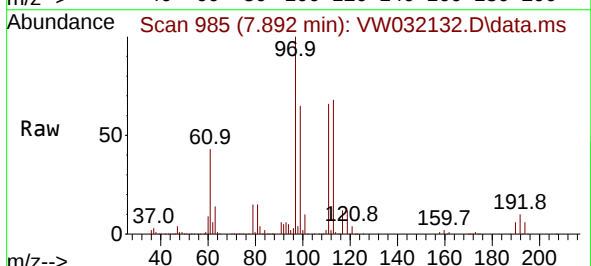
Instrument :
MSVOA_W
ClientSampleId :



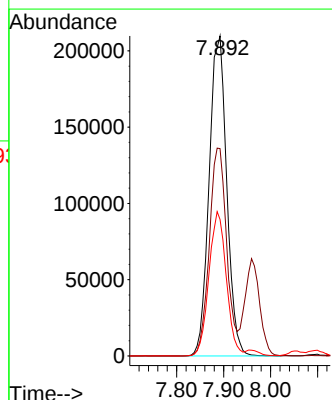
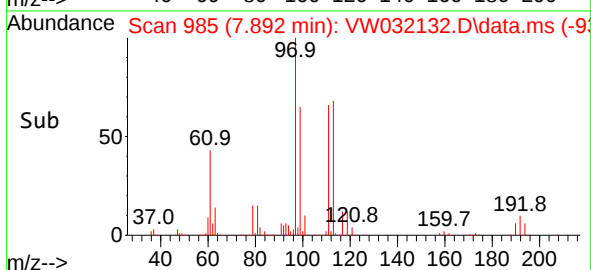
Tgt Ion: 56 Resp: 512437
Ion Ratio Lower Upper
56 100
69 33.1 29.0 43.6
84 91.3 73.7 110.5

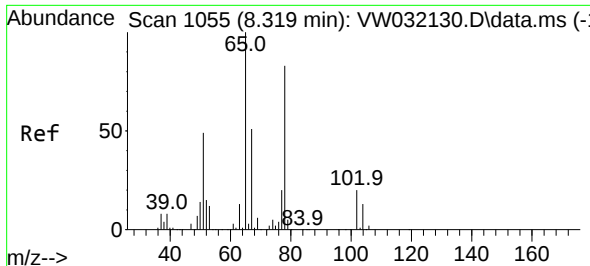


#32
1,1,1-Trichloroethane
Concen: 141.926 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23



Tgt Ion: 97 Resp: 545602
Ion Ratio Lower Upper
97 100
99 64.1 52.5 78.7
61 44.5 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 149.310 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

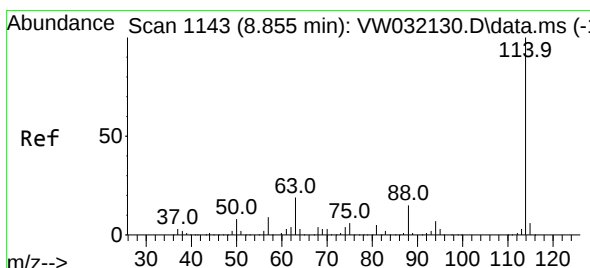
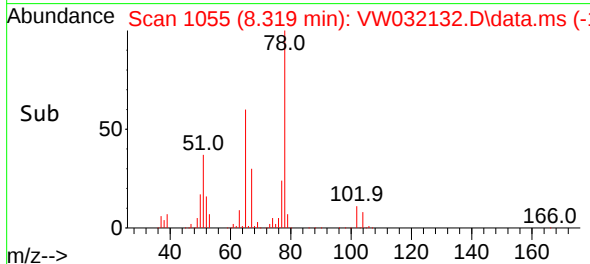
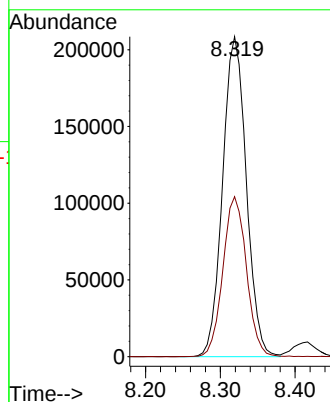
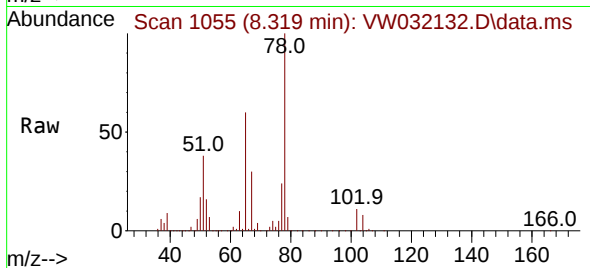
ClientSampleId :

Tgt Ion: 65 Resp: 460363

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

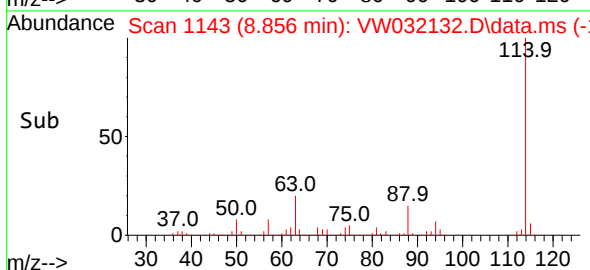
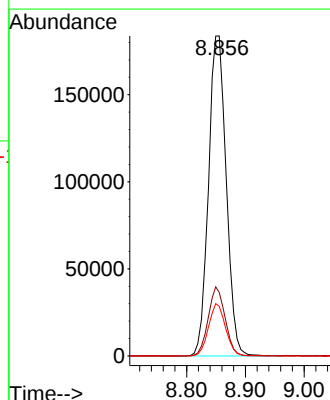
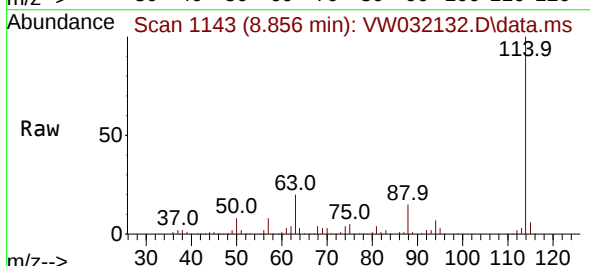
Tgt Ion: 114 Resp: 385077

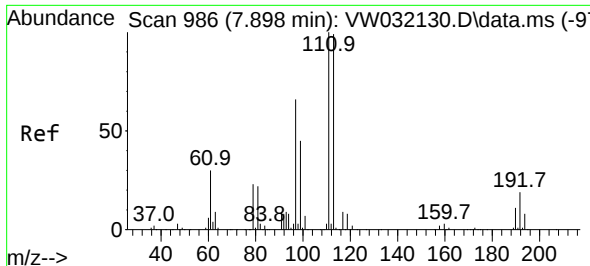
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.5 0.0 30.2

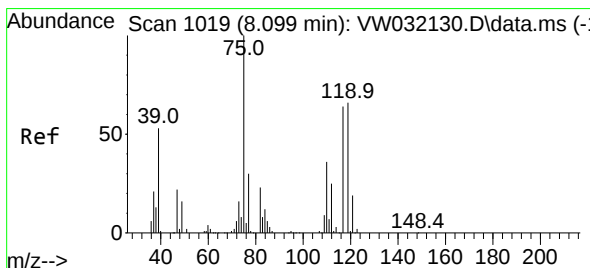
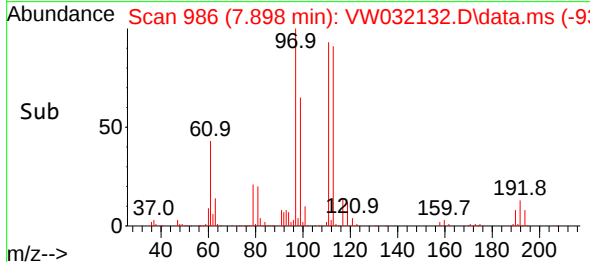
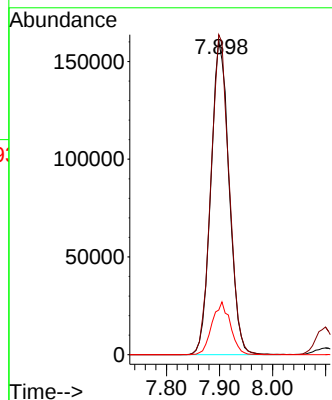
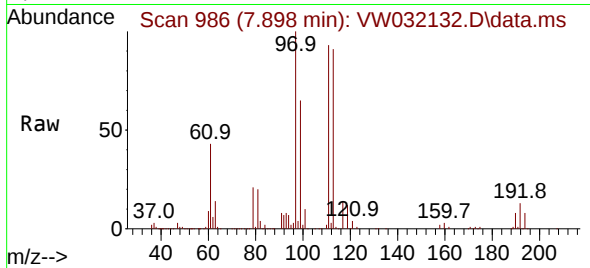




#35
Dibromofluoromethane
Concen: 146.815 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

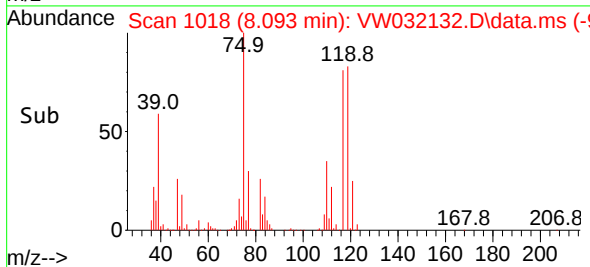
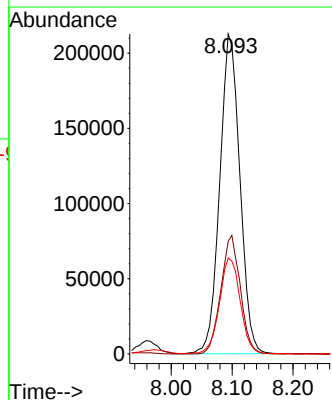
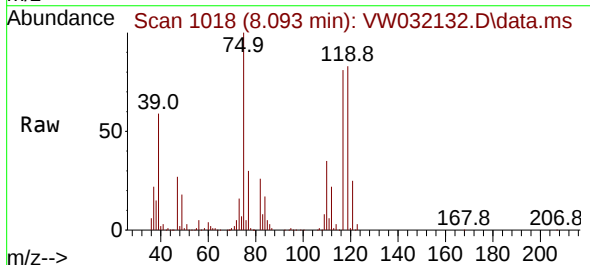
Instrument :
MSVOA_W
ClientSampleId :

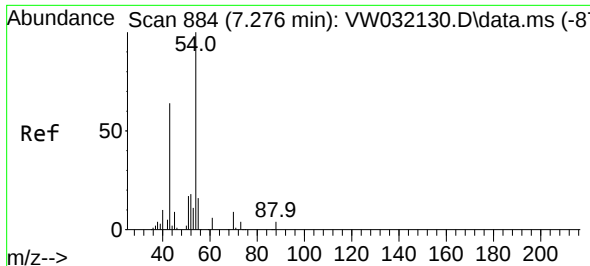
Tgt Ion:113 Resp: 383817
Ion Ratio Lower Upper
113 100
111 101.4 81.2 121.8
192 16.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 141.812 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 75 Resp: 488482
Ion Ratio Lower Upper
75 100
110 35.9 18.4 55.4
77 30.9 25.7 38.5





#37

Ethyl Acetate

Concen: 149.808 ug/l

RT: 7.277 min Scan# 884

Delta R.T. 0.006 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

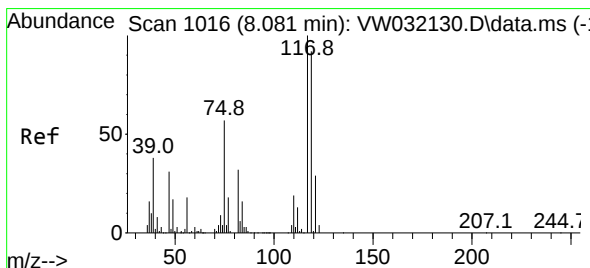
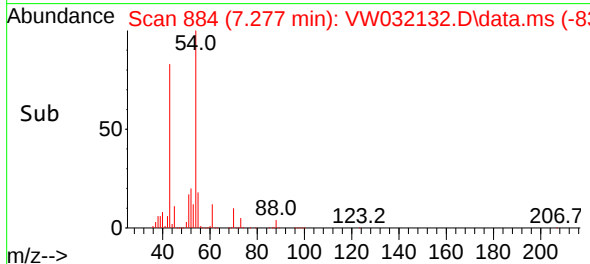
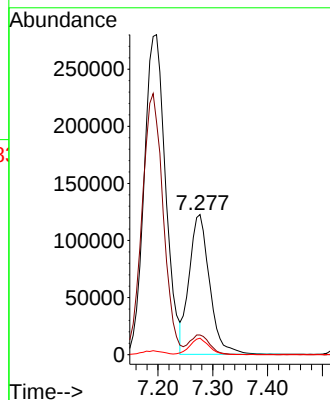
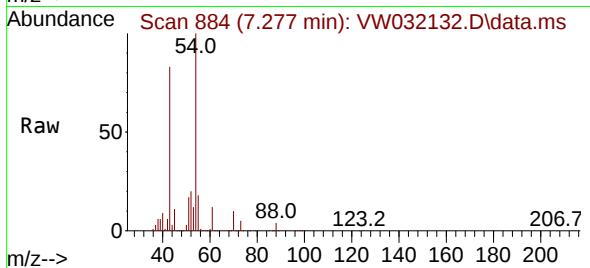
Tgt Ion: 43 Resp: 317044

Ion Ratio Lower Upper

43 100

61 13.7 11.1 16.7

70 11.1 9.1 13.7



#38

Carbon Tetrachloride

Concen: 143.588 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

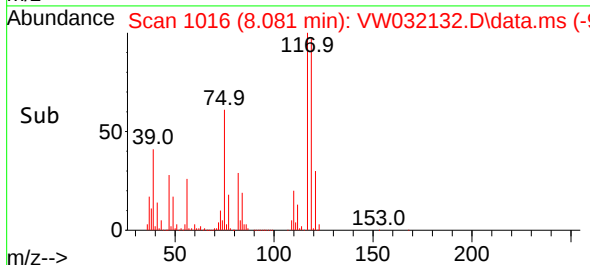
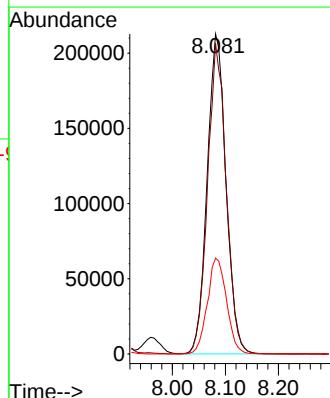
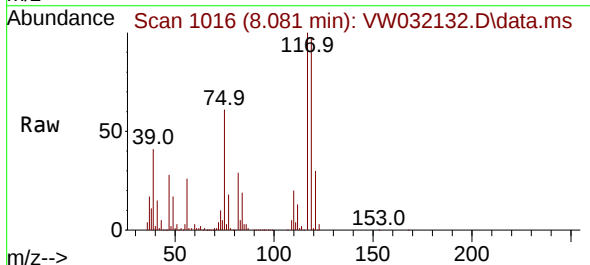
Tgt Ion: 117 Resp: 524299

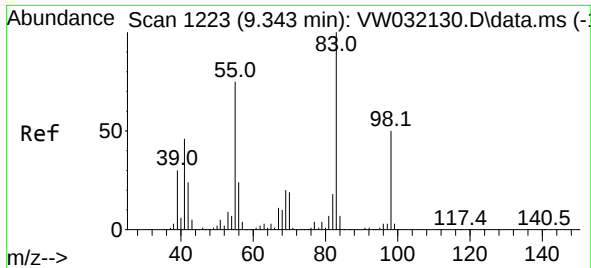
Ion Ratio Lower Upper

117 100

119 97.0 78.9 118.3

121 30.0 23.9 35.9

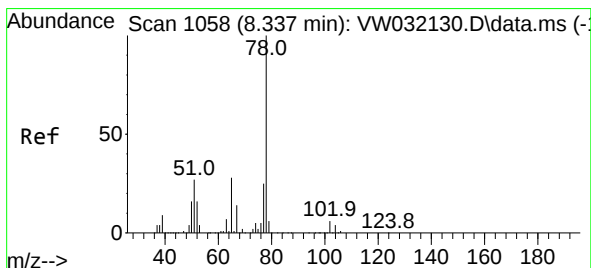
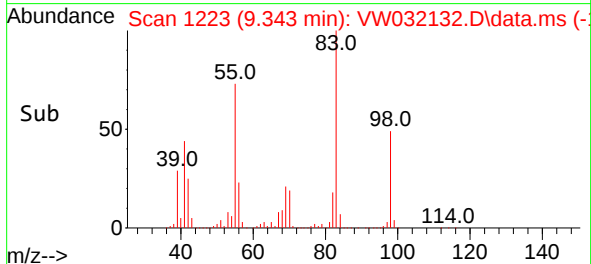
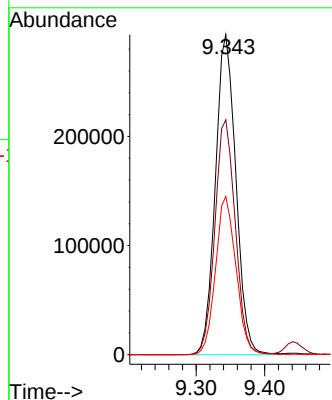
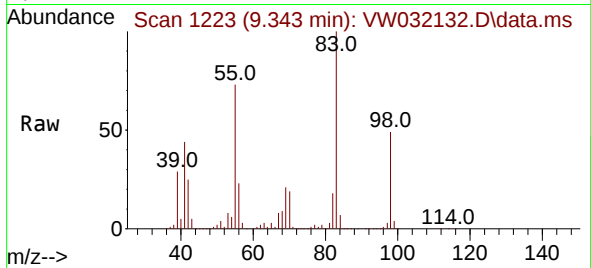




#39
Methylcyclohexane
Concen: 148.728 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

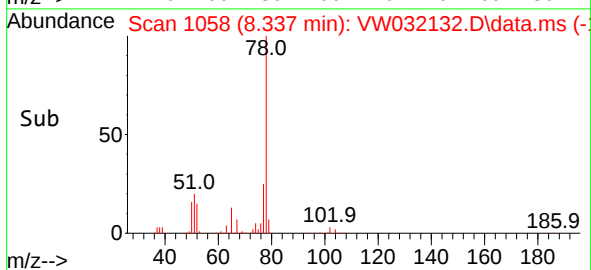
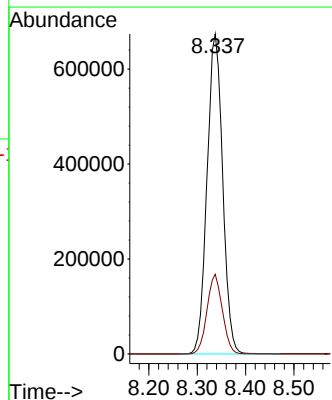
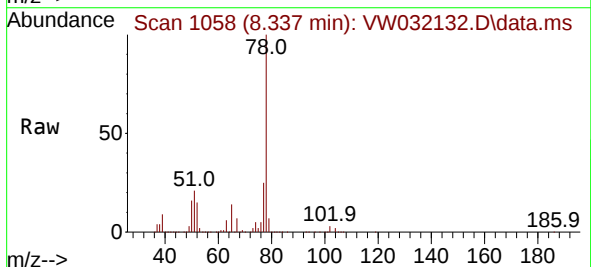
Instrument :
MSVOA_W
ClientSampleId :

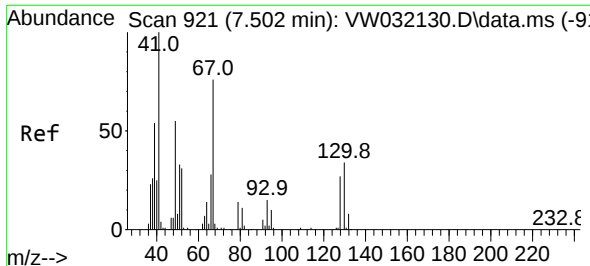
Tgt Ion: 83 Resp: 609276
Ion Ratio Lower Upper
83 100
55 73.4 59.5 89.3
98 49.4 39.9 59.9



#40
Benzene
Concen: 142.439 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 78 Resp: 1510892
Ion Ratio Lower Upper
78 100
77 24.9 20.4 30.6

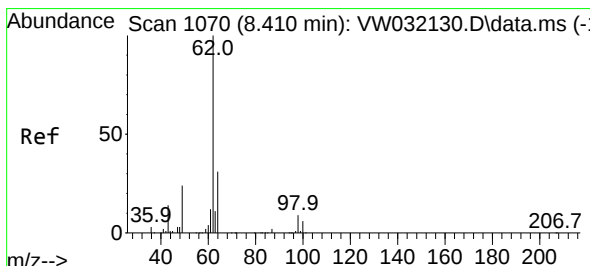
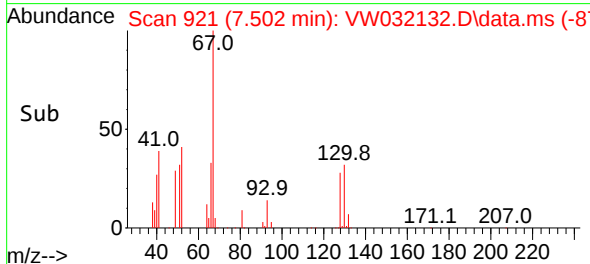
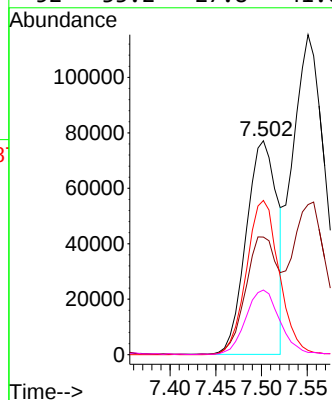
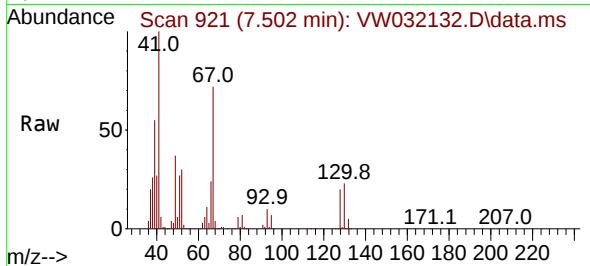




#41
Methacrylonitrile
Concen: 157.480 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

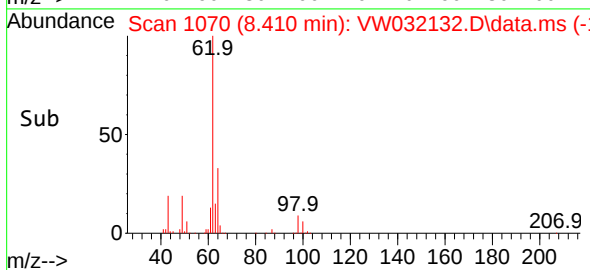
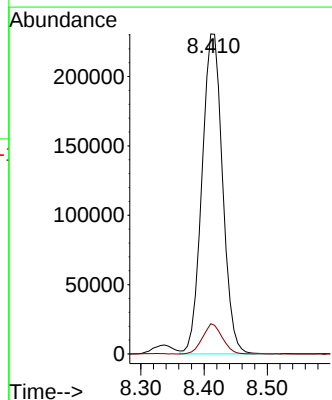
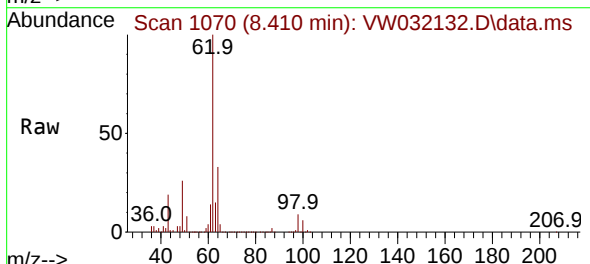
Instrument :
MSVOA_W
ClientSampleId :

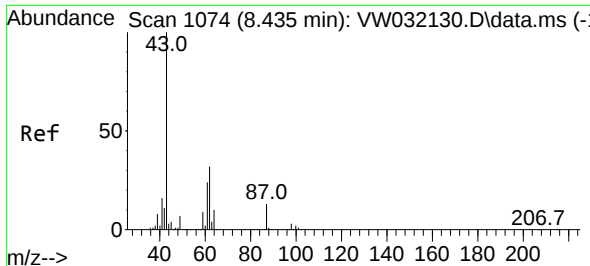
Tgt Ion: 41 Resp: 181573
Ion Ratio Lower Upper
41 100
39 56.5 52.6 79.0
67 76.7 63.8 95.8
52 33.2 27.8 41.6



#42
1,2-Dichloroethane
Concen: 141.486 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

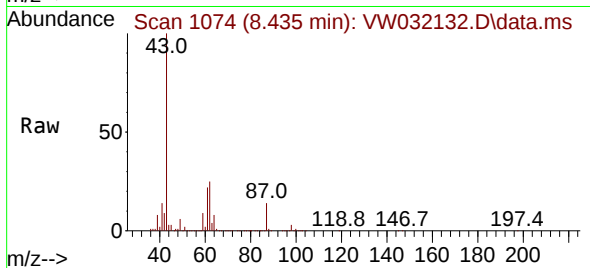
Tgt Ion: 62 Resp: 522102
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0



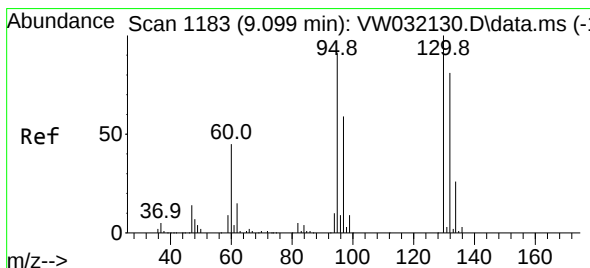
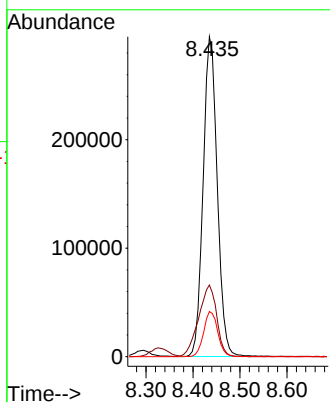
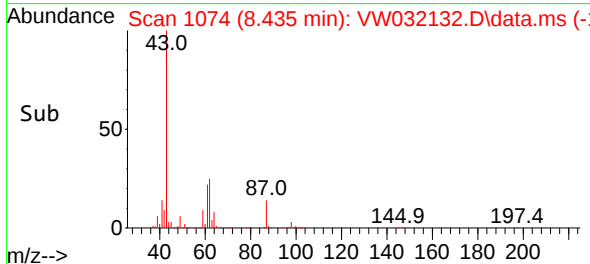


#43
Isopropyl Acetate
Concen: 157.407 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Instrument :
MSVOA_W
ClientSampleId :

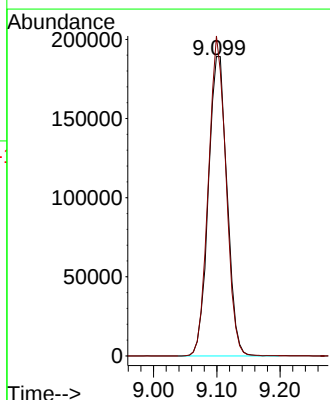
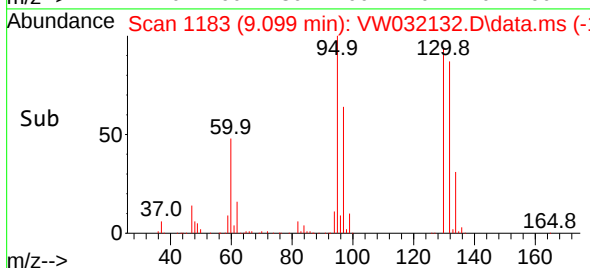
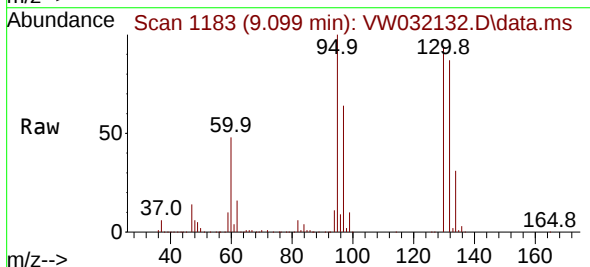


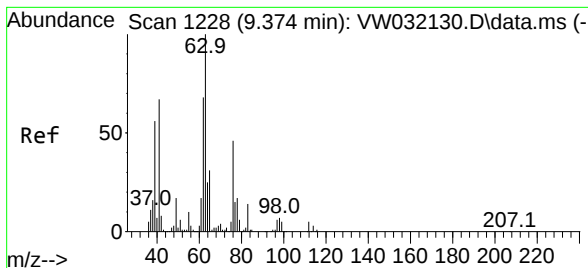
Tgt Ion: 43 Resp: 613939
Ion Ratio Lower Upper
43 100
61 28.5 24.0 36.0
87 14.2 11.4 17.2



#44
Trichloroethene
Concen: 141.937 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion:130 Resp: 387831
Ion Ratio Lower Upper
130 100
95 106.9 0.0 190.0





#45

1,2-Dichloropropane

Concen: 142.437 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

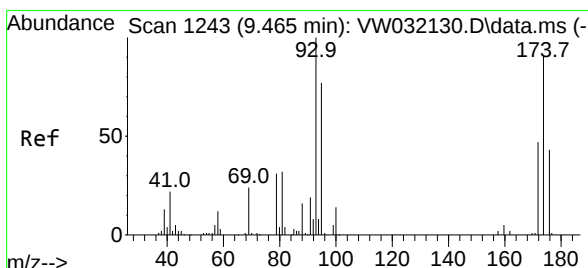
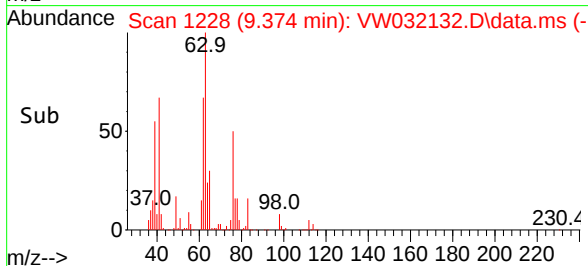
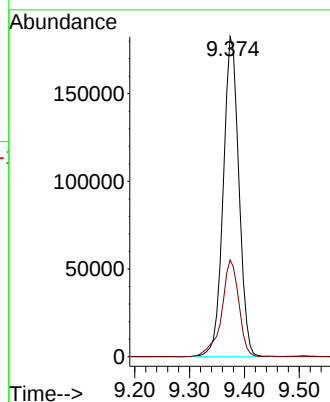
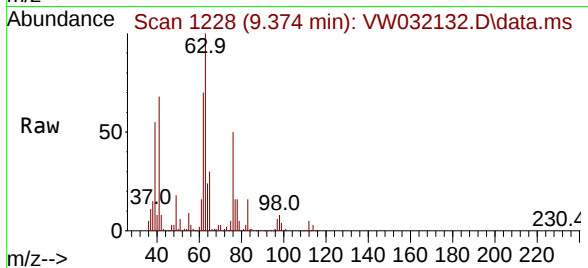
ClientSampleId :

Tgt Ion: 63 Resp: 363755

Ion Ratio Lower Upper

63 100

65 30.3 24.1 36.1



#46

Dibromomethane

Concen: 144.811 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

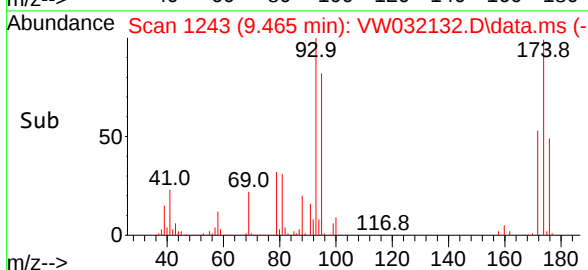
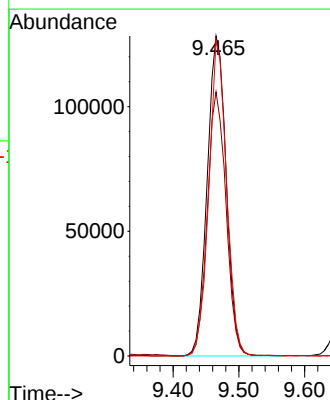
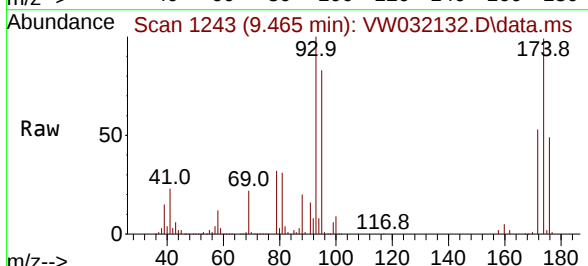
Tgt Ion: 93 Resp: 257920

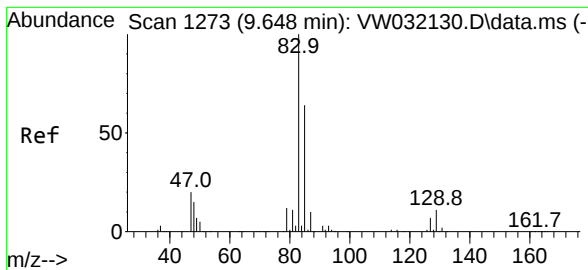
Ion Ratio Lower Upper

93 100

95 81.6 65.7 98.5

174 92.2 74.2 111.2





#47

Bromodichloromethane

Concen: 148.288 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

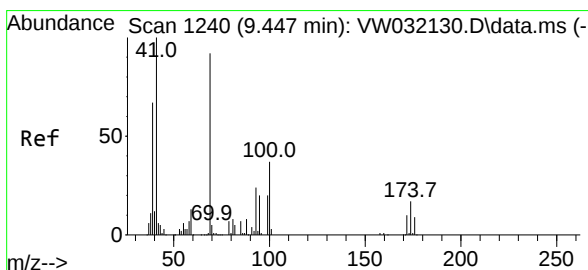
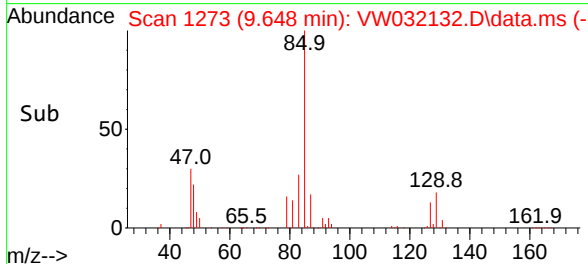
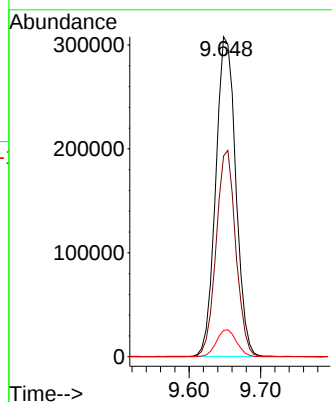
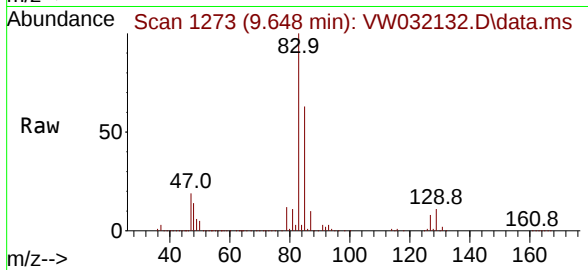
Tgt Ion: 83 Resp: 598717

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.4

127 8.2 6.6 9.8



#48

Methyl methacrylate

Concen: 159.264 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

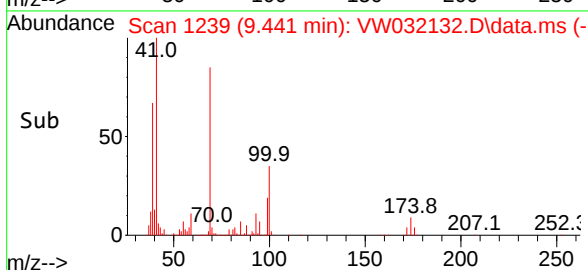
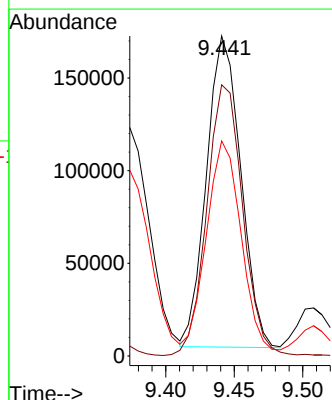
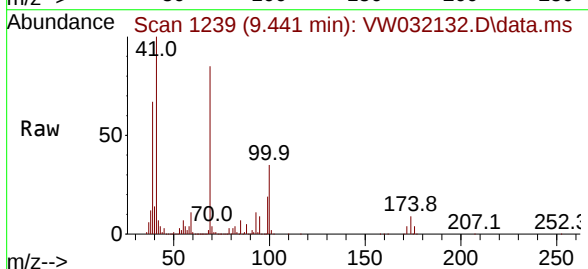
Tgt Ion: 41 Resp: 291855

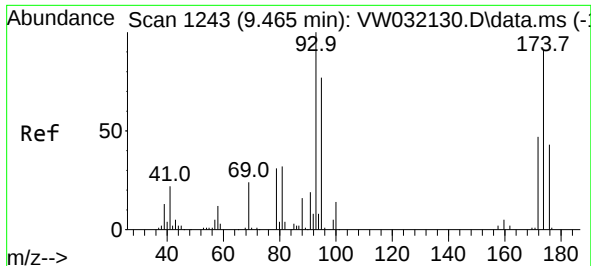
Ion Ratio Lower Upper

41 100

69 91.6 72.4 108.6

39 71.0 57.8 86.8





#49

1,4-Dioxane

Concen: 3047.986 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

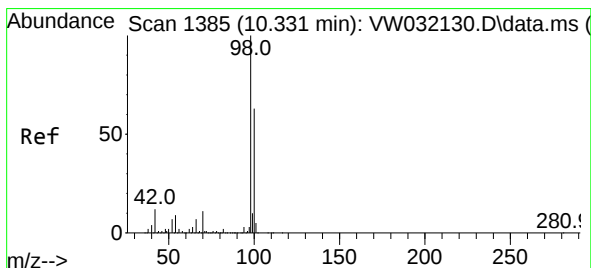
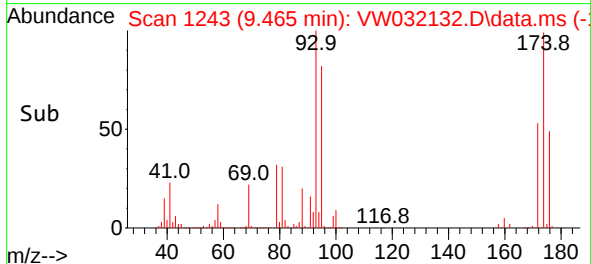
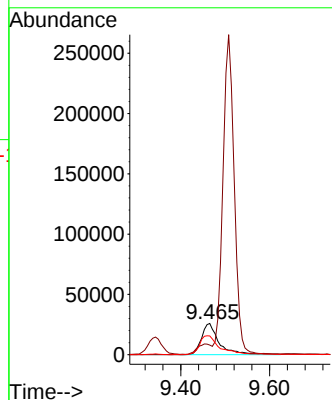
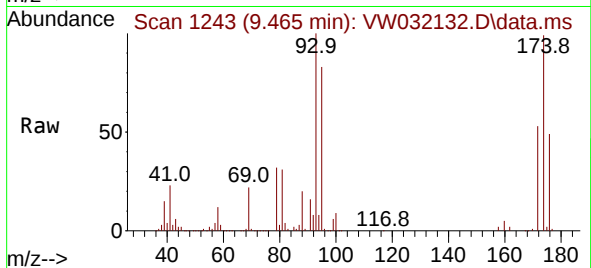
Tgt Ion: 88 Resp: 71928

Ion Ratio Lower Upper

88 100

43 27.4 18.8 28.2

58 70.0 55.9 83.9



#50

Toluene-d8

Concen: 149.235 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032132.D

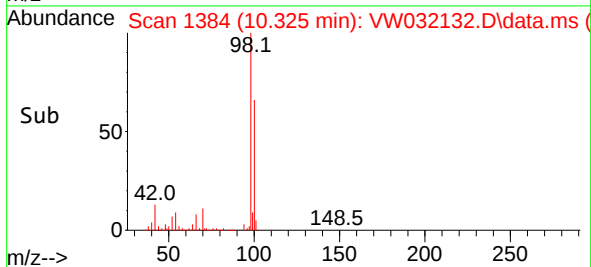
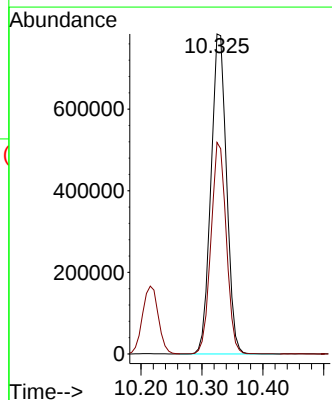
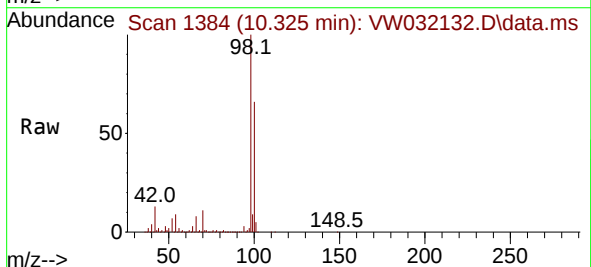
Acq: 25 Aug 2025 14:23

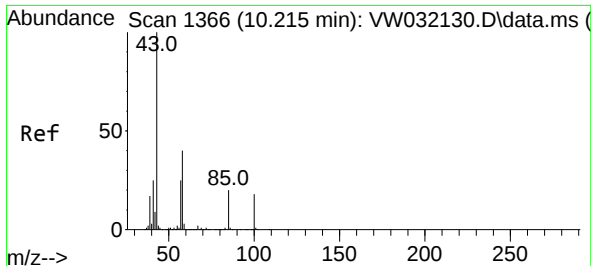
Tgt Ion: 98 Resp: 1391987

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2

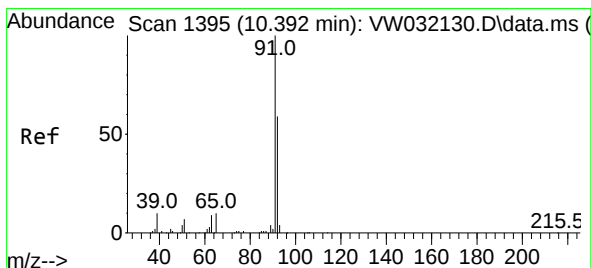
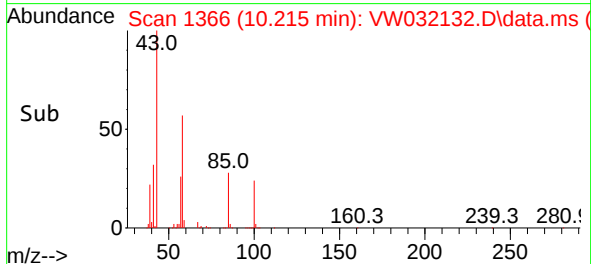
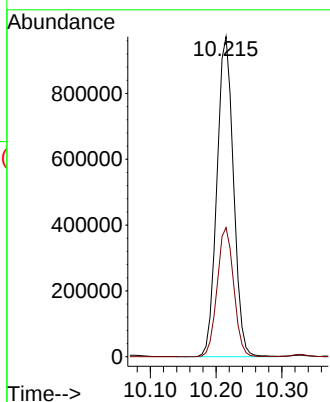
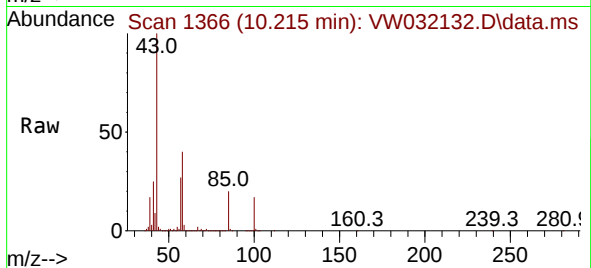




#51
4-Methyl-2-Pentanone
Concen: 775.494 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

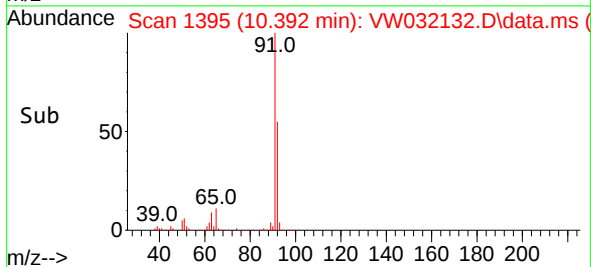
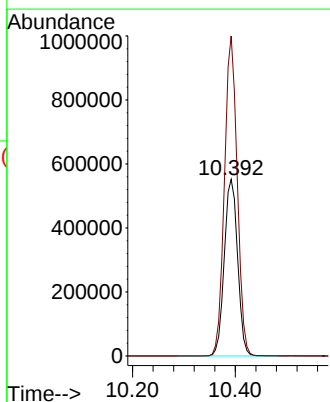
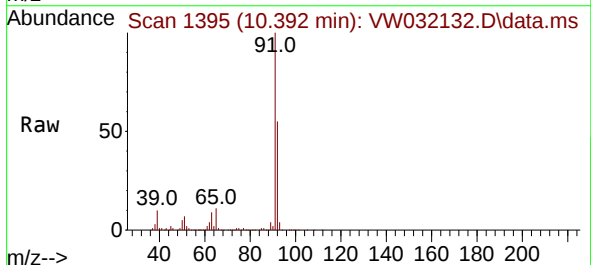
Instrument :
MSVOA_W
ClientSampleId :

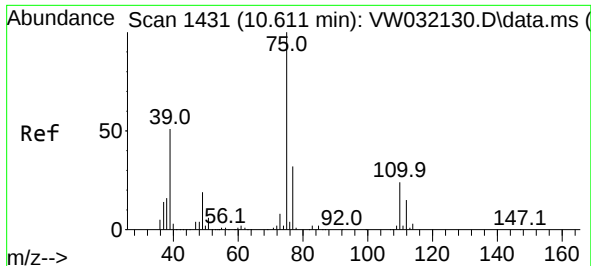
Tgt Ion: 43 Resp: 1704309
Ion Ratio Lower Upper
43 100
58 40.3 31.6 47.4



#52
Toluene
Concen: 143.900 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 92 Resp: 992031
Ion Ratio Lower Upper
92 100
91 174.2 137.6 206.4

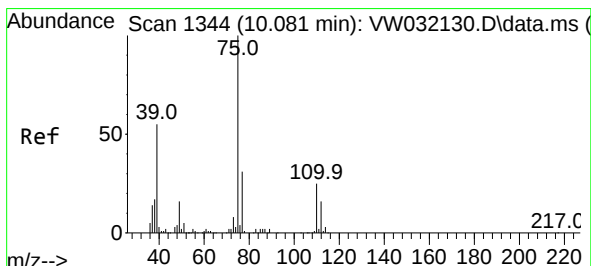
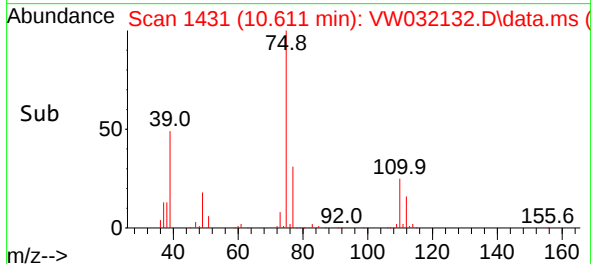
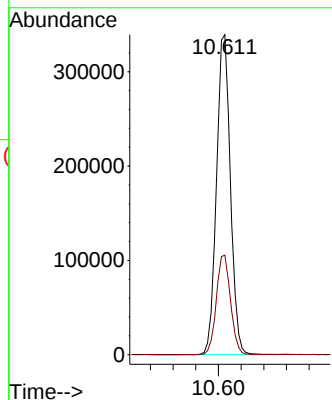
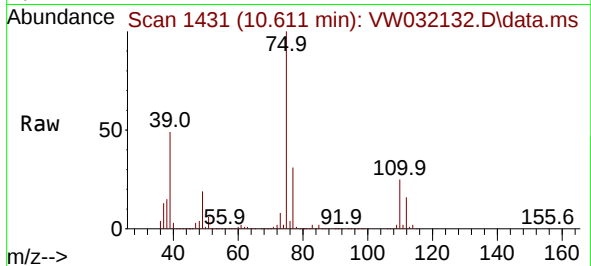




#53
 t-1,3-Dichloropropene
 Concen: 159.254 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

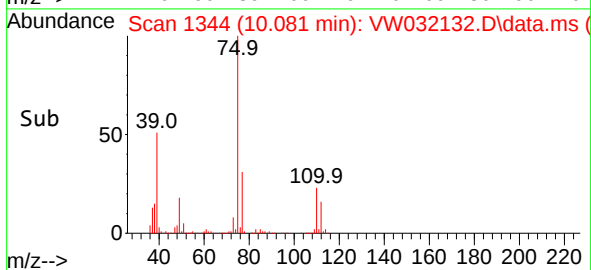
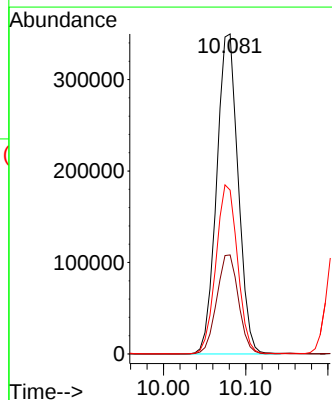
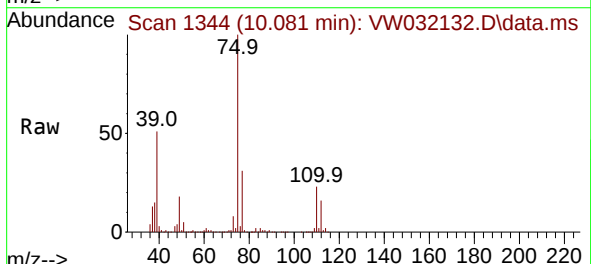
Instrument :
 MSVOA_W
 ClientSampleId :

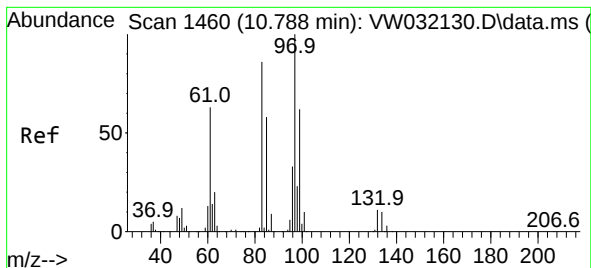
Tgt Ion: 75 Resp: 577704
 Ion Ratio Lower Upper
 75 100
 77 31.1 27.7 41.5



#54
 cis-1,3-Dichloropropene
 Concen: 153.735 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.000 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

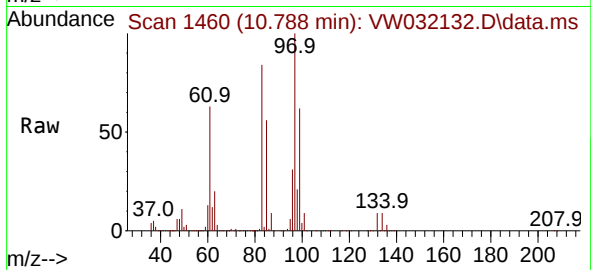
Tgt Ion: 75 Resp: 636224
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.5 39.7
 39 51.2 42.2 63.4



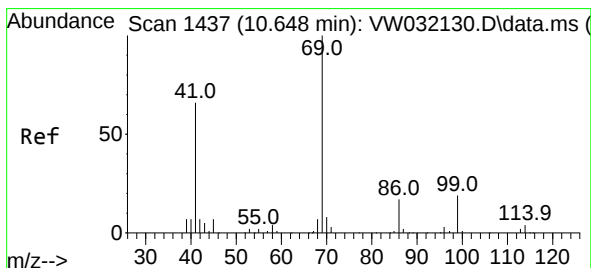
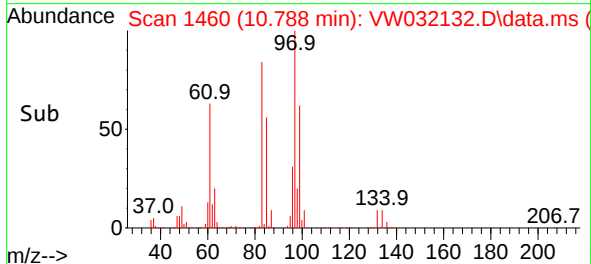
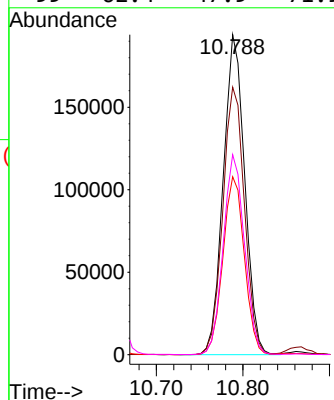


#55
1,1,2-Trichloroethane
Concen: 143.414 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Instrument :
MSVOA_W
ClientSampleId :

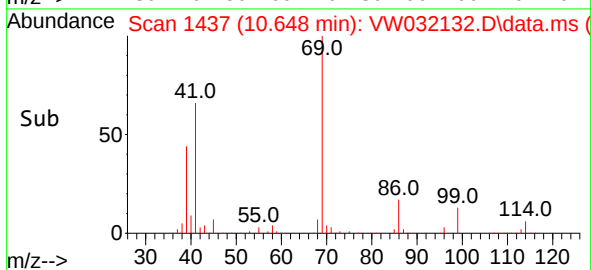
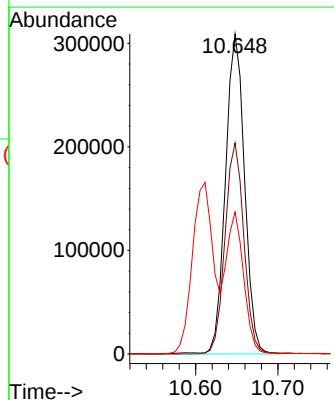
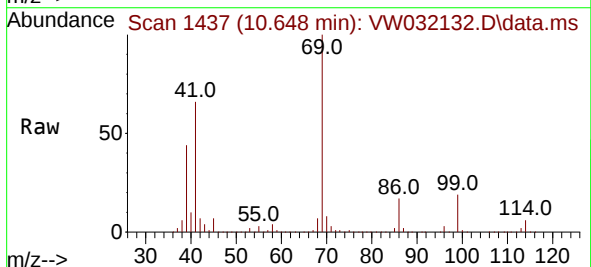


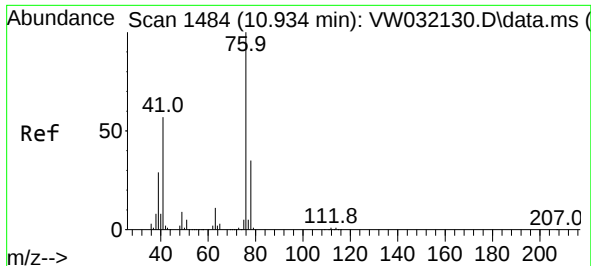
Tgt Ion:	97	Resp:	333584
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.6	98.4
85	55.5	42.6	63.8
99	62.4	47.9	71.9



#56
Ethyl methacrylate
Concen: 164.365 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion:	69	Resp:	495663
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.5	78.7
39	40.3	33.2	49.8





#57

1,3-Dichloropropane

Concen: 144.277 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

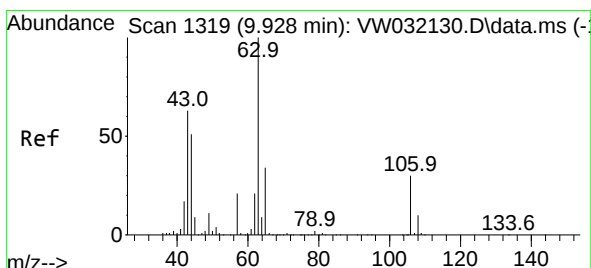
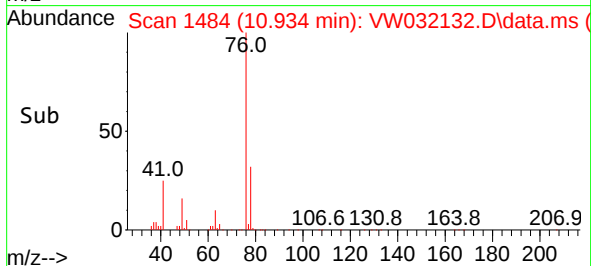
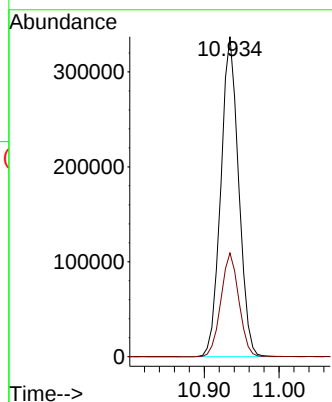
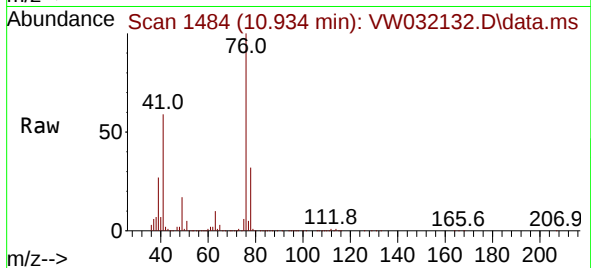
ClientSampleId :

Tgt Ion: 76 Resp: 560124

Ion Ratio Lower Upper

76 100

78 32.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 803.253 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032132.D

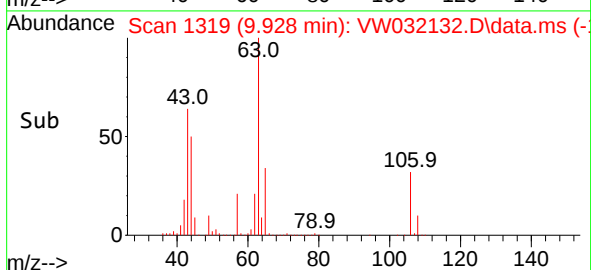
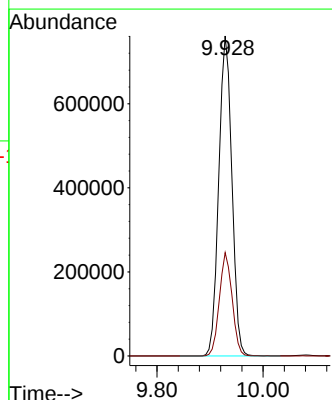
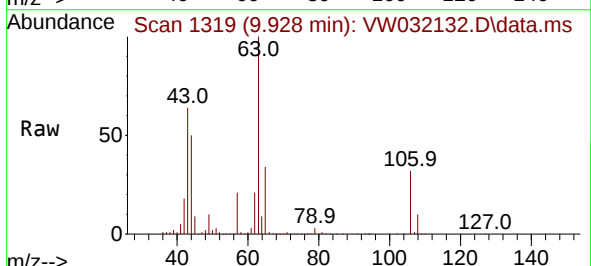
Acq: 25 Aug 2025 14:23

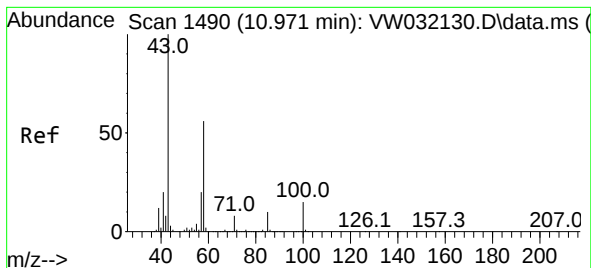
Tgt Ion: 63 Resp: 1305846

Ion Ratio Lower Upper

63 100

106 31.4 24.6 36.8

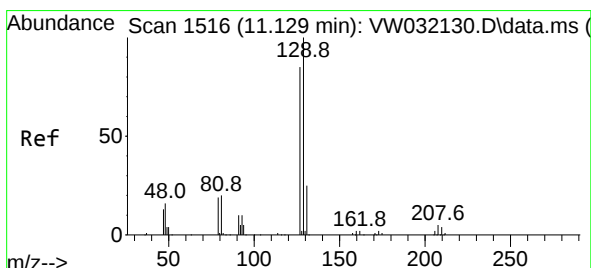
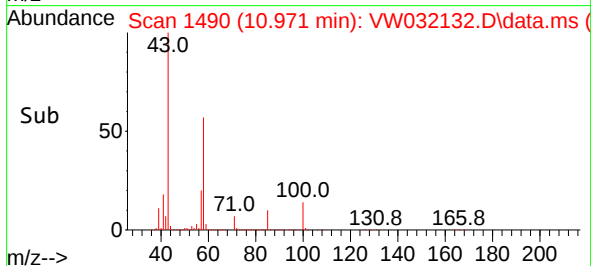
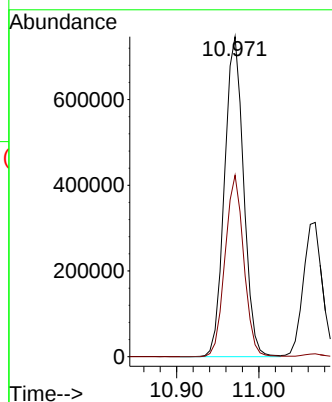
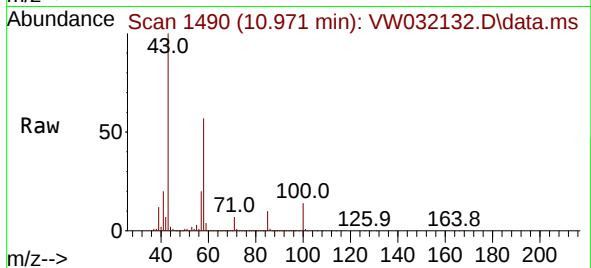




#59
2-Hexanone
Concen: 771.123 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

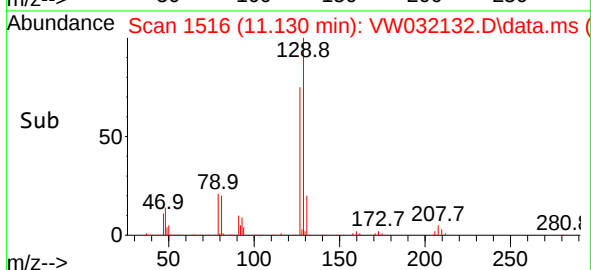
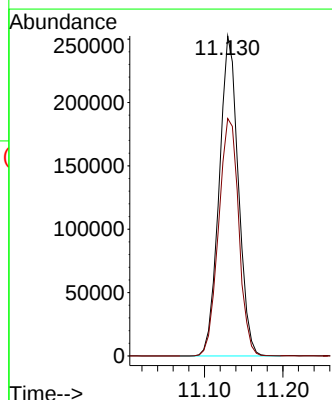
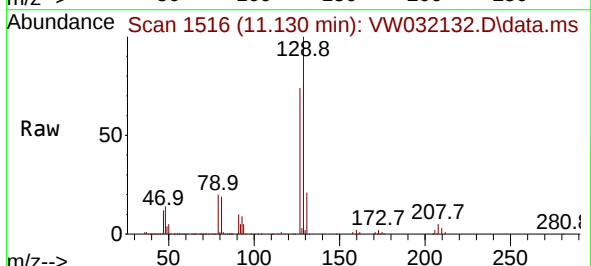
Instrument :
MSVOA_W
ClientSampleId :

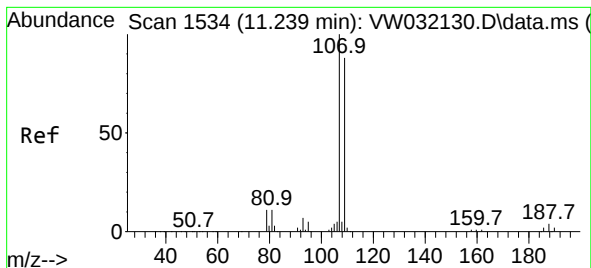
Tgt Ion: 43 Resp: 1205158
Ion Ratio Lower Upper
43 100
58 55.5 27.1 81.2



#60
Dibromochloromethane
Concen: 152.471 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 129 Resp: 429657
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8

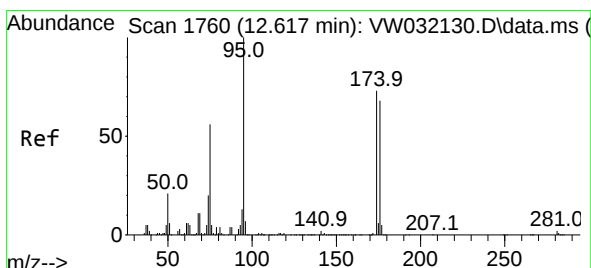
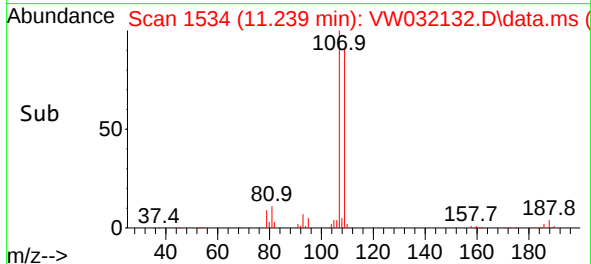
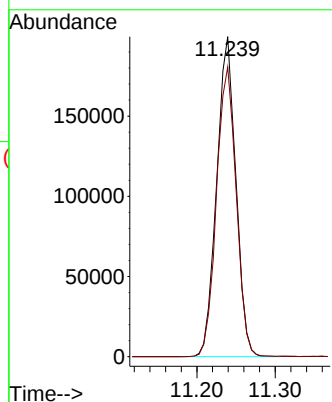
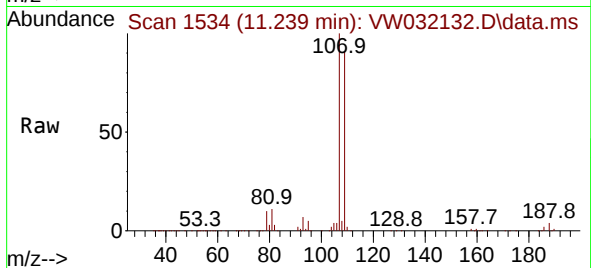




#61
1,2-Dibromoethane
Concen: 147.352 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

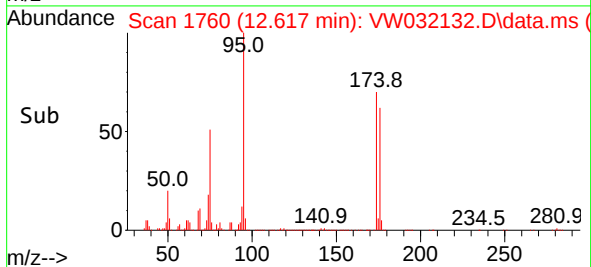
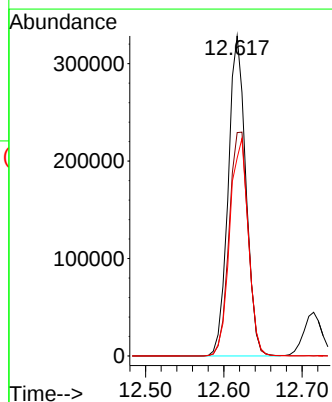
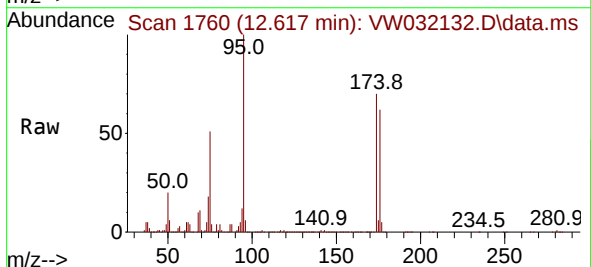
Instrument :
MSVOA_W
ClientSampleId :

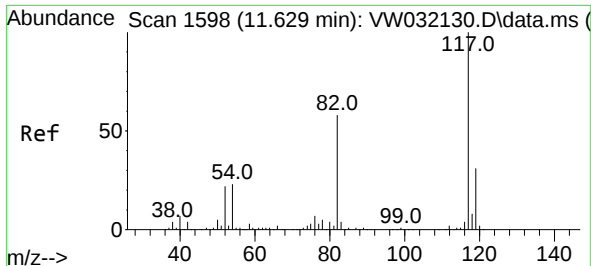
Tgt Ion:107 Resp: 340209
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 149.070 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

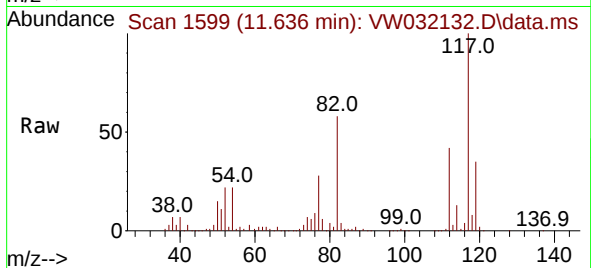
Tgt Ion: 95 Resp: 516101
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.0
176 71.3 0.0 135.2



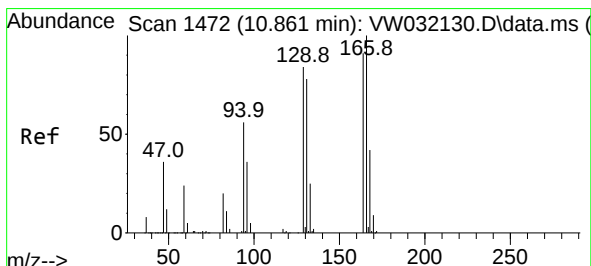
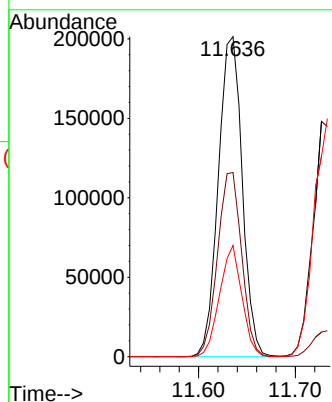
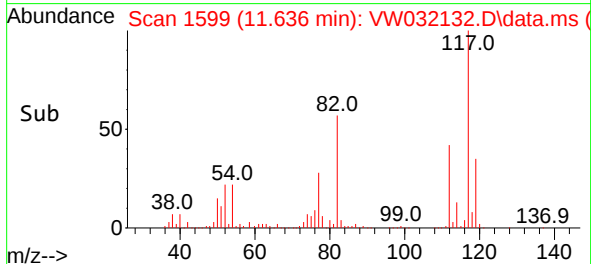


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

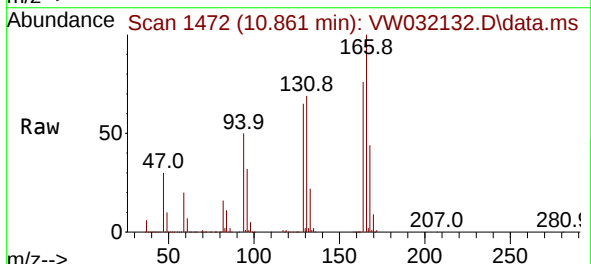
Instrument :
MSVOA_W
ClientSampleId :



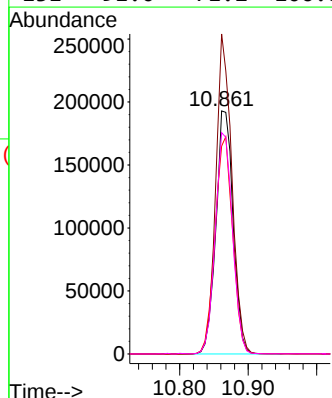
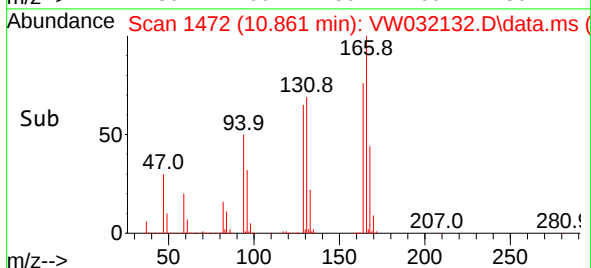
Tgt Ion:117 Resp: 346011
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 34.8 24.5 36.7

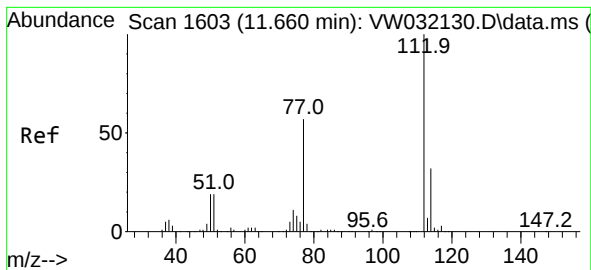


#64
Tetrachloroethene
Concen: 146.158 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23



Tgt Ion:164 Resp: 335981
Ion Ratio Lower Upper
164 100
166 131.6 101.9 152.9
129 85.5 79.6 119.4
131 91.0 71.2 106.8

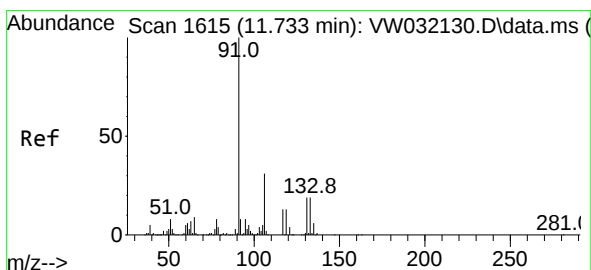
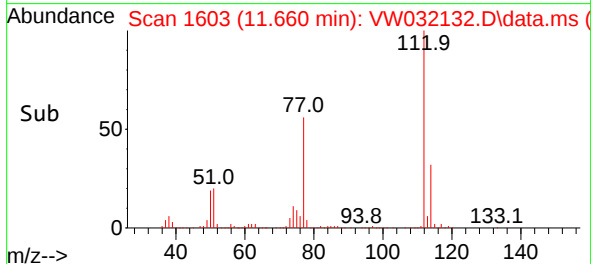
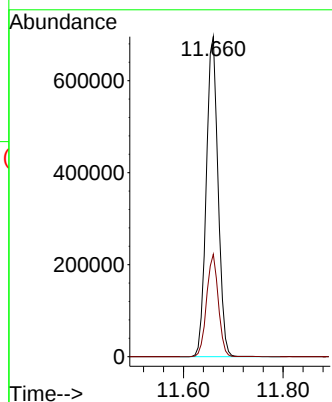
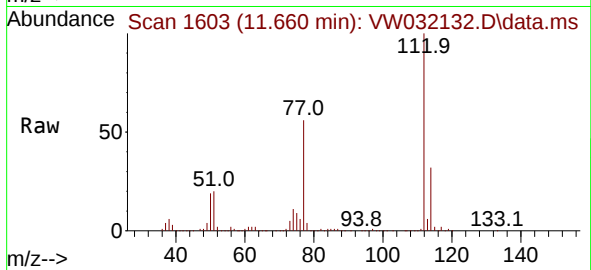




#65
Chlorobenzene
Concen: 145.696 ug/l
RT: 11.660 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

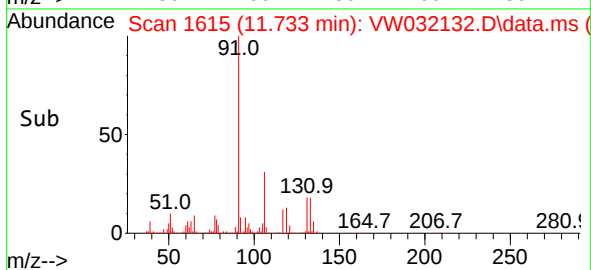
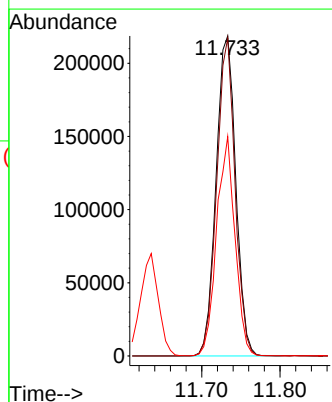
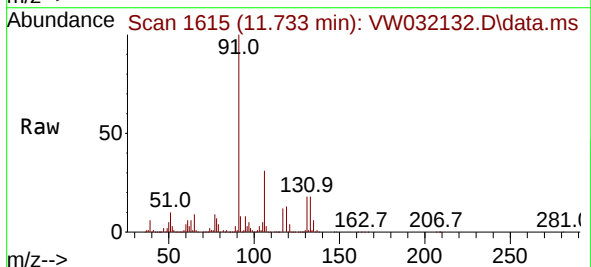
Instrument :
MSVOA_W
ClientSampleId :

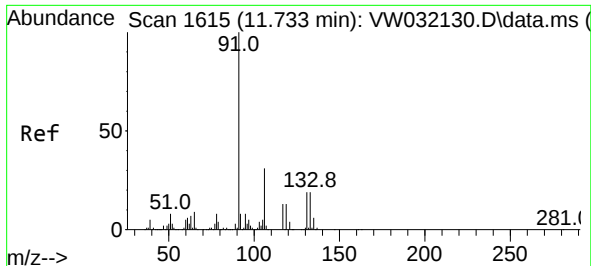
Tgt Ion:112 Resp: 1139461
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 151.416 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion:131 Resp: 382019
Ion Ratio Lower Upper
131 100
133 93.0 48.4 145.3
119 64.1 32.2 96.6

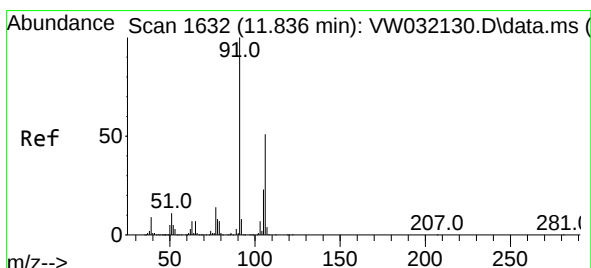
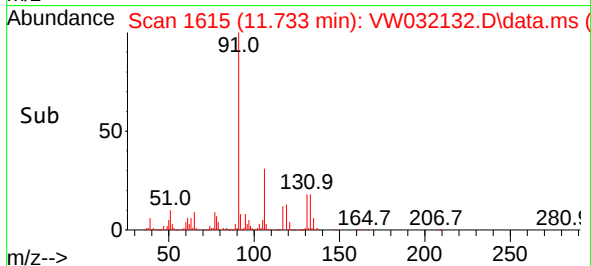
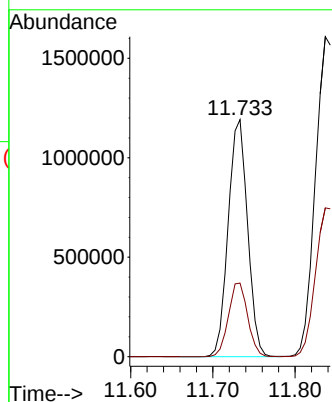
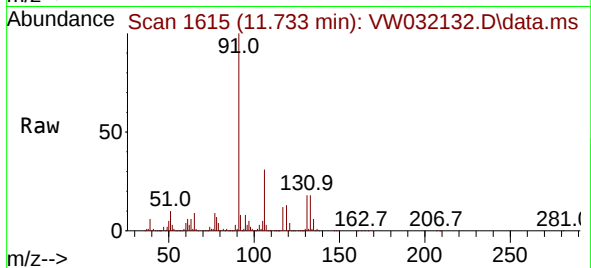




#67
Ethyl Benzene
Concen: 151.037 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

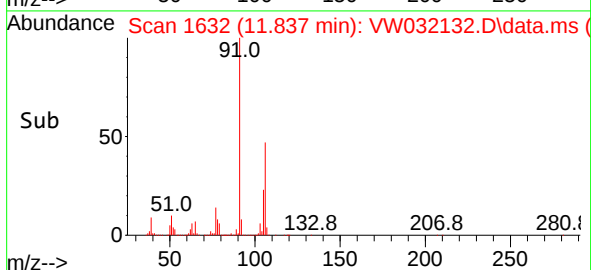
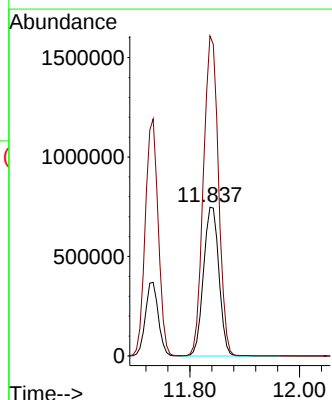
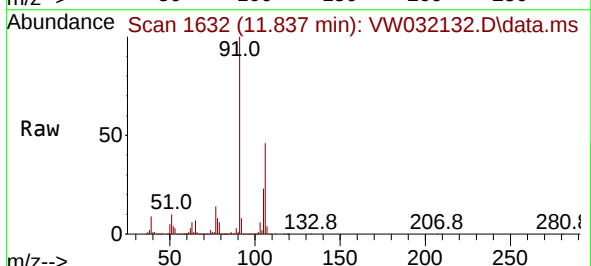
Instrument :
MSVOA_W
ClientSampleId :

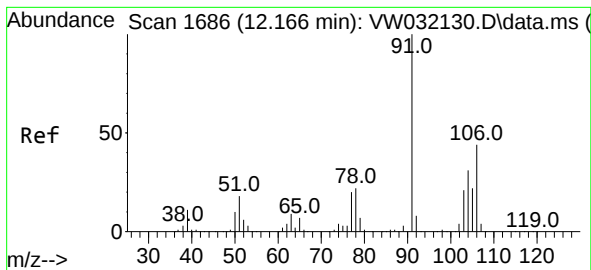
Tgt Ion: 91 Resp: 1953759
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 291.832 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 106 Resp: 1456619
Ion Ratio Lower Upper
106 100
91 210.3 165.3 247.9

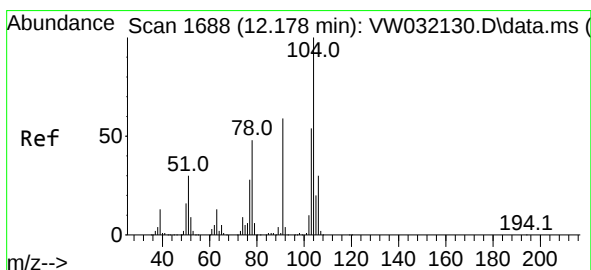
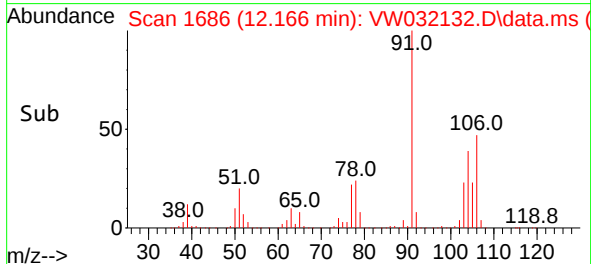
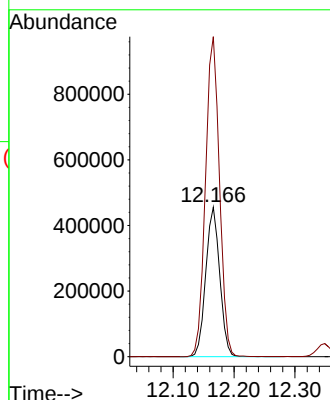
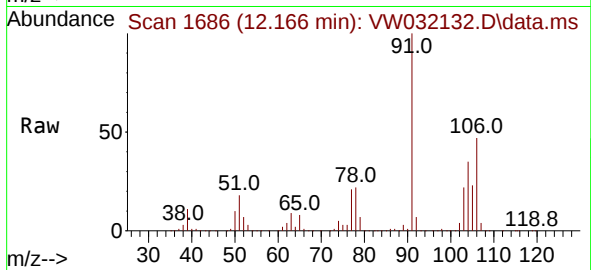




#69
o-Xylene
Concen: 153.625 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

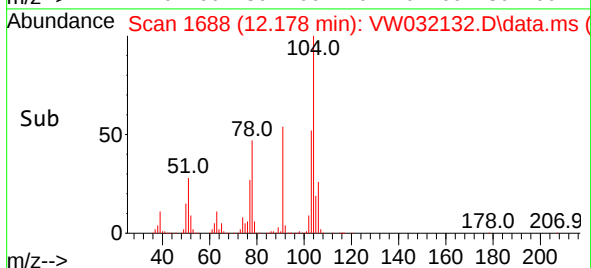
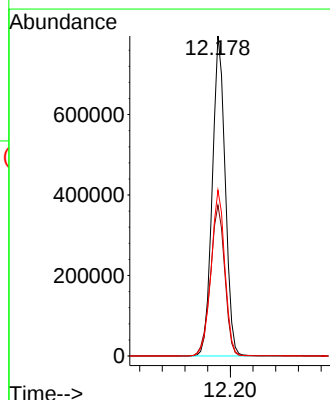
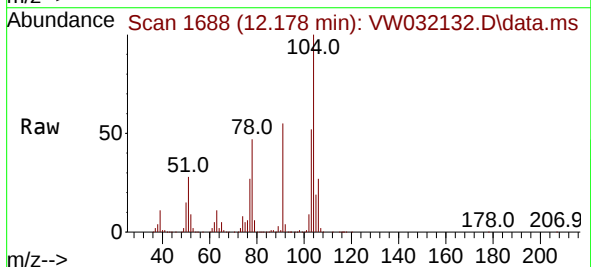
Instrument :
MSVOA_W
ClientSampleId :

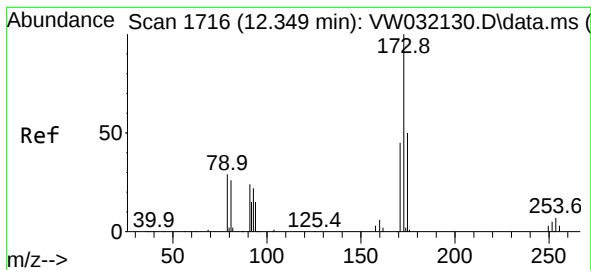
Tgt Ion:106 Resp: 726120
Ion Ratio Lower Upper
106 100
91 214.9 109.7 329.2



#70
Styrene
Concen: 153.789 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion:104 Resp: 1260205
Ion Ratio Lower Upper
104 100
78 52.0 41.1 61.7
103 54.9 43.7 65.5





#71

Bromoform

Concen: 164.412 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

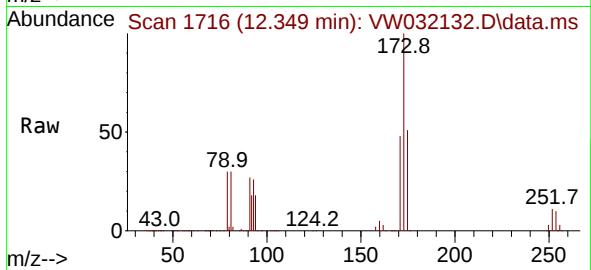
Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :



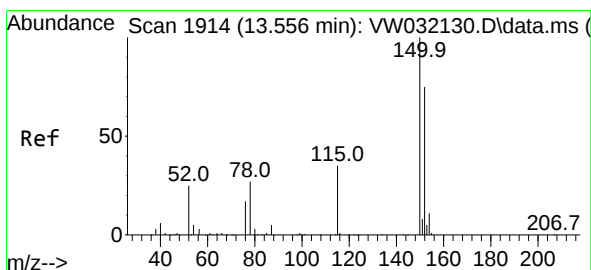
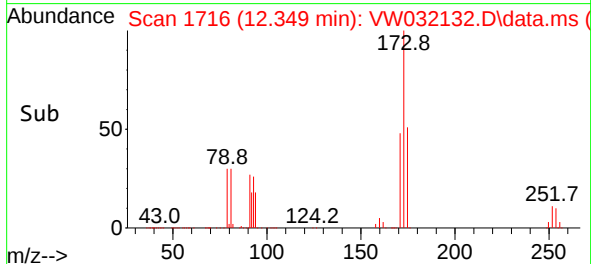
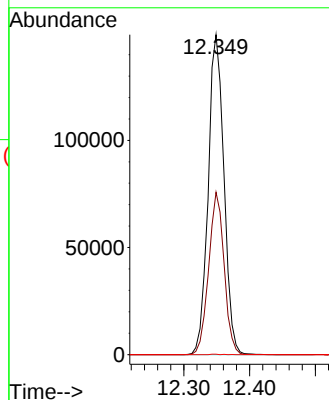
Tgt Ion:173 Resp: 248958

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

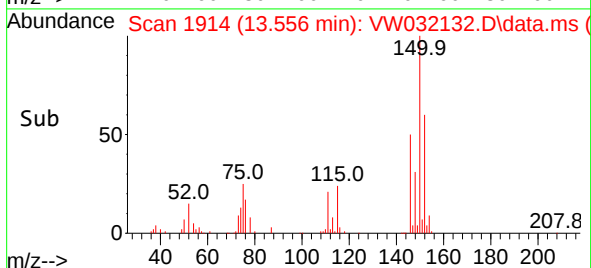
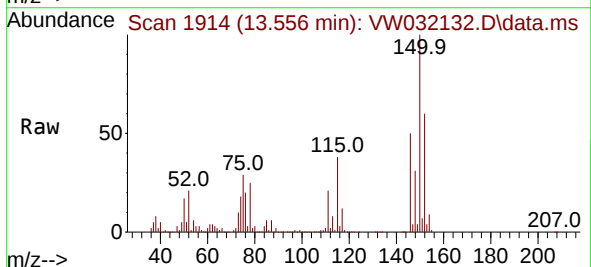
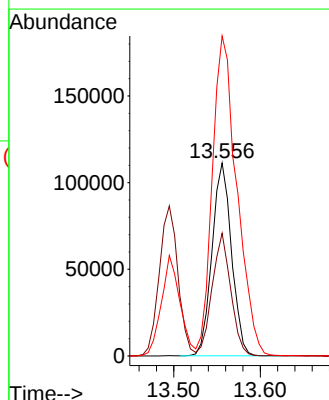
Tgt Ion:152 Resp: 173640

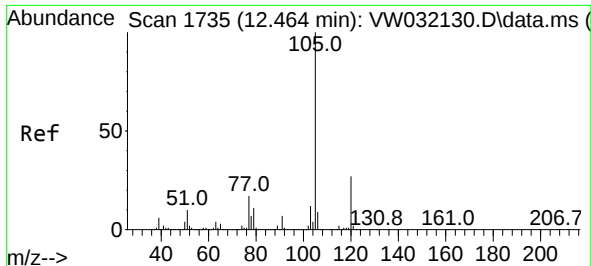
Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

150 208.9 0.0 319.8

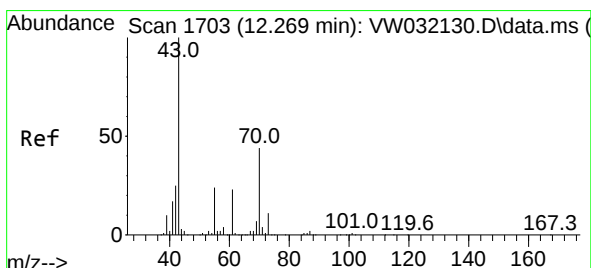
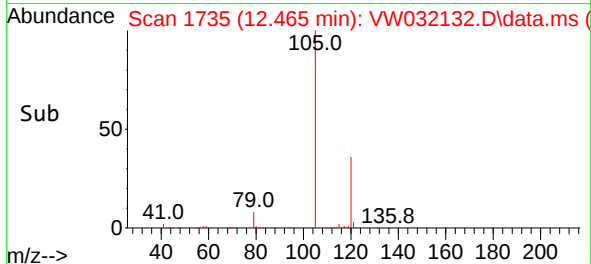
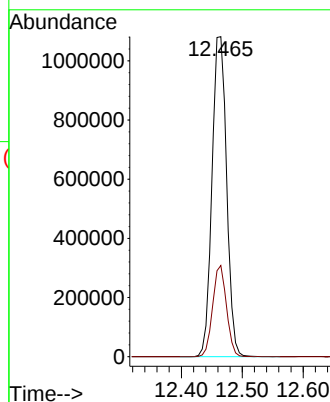
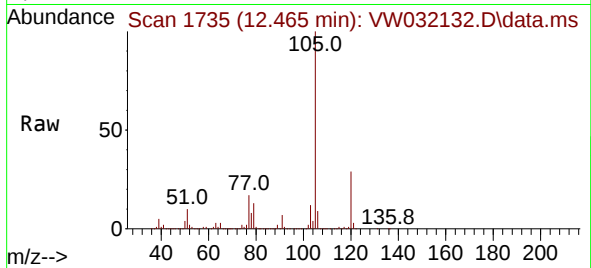




#73
Isopropylbenzene
Concen: 155.816 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

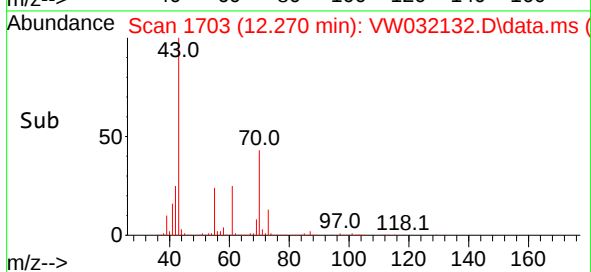
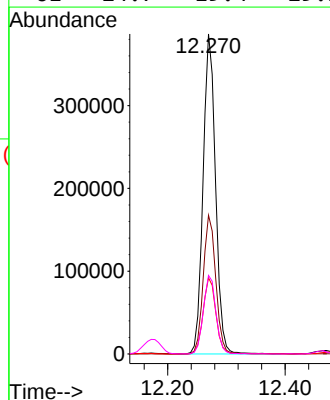
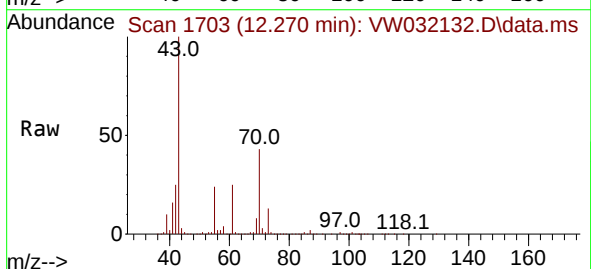
Instrument :
MSVOA_W
ClientSampleId :

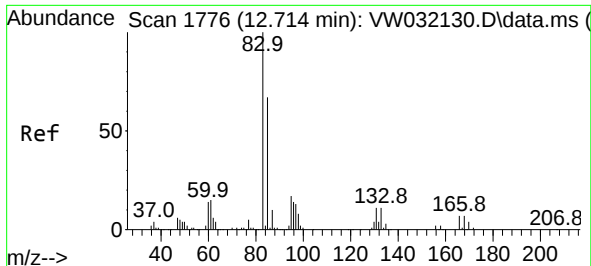
Tgt Ion:105 Resp: 1800463
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5



#74
N-ethyl acetate
Concen: 168.643 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 43 Resp: 566664
Ion Ratio Lower Upper
43 100
70 43.8 35.5 53.3
55 24.6 20.4 30.6
61 24.7 19.4 29.2

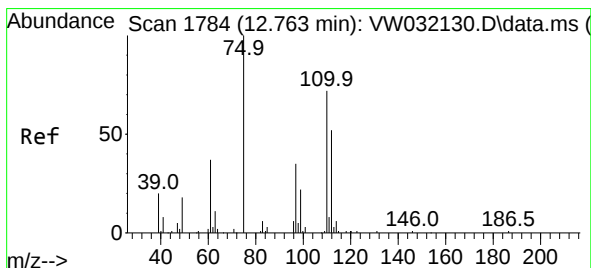
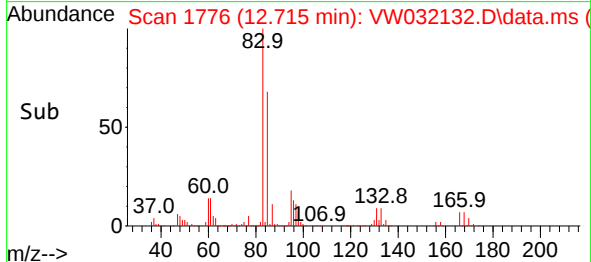
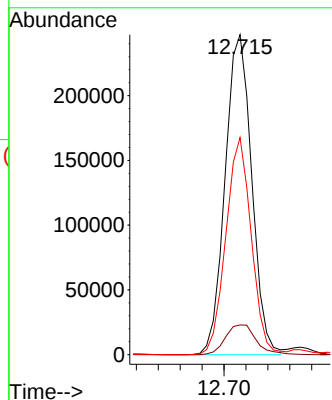
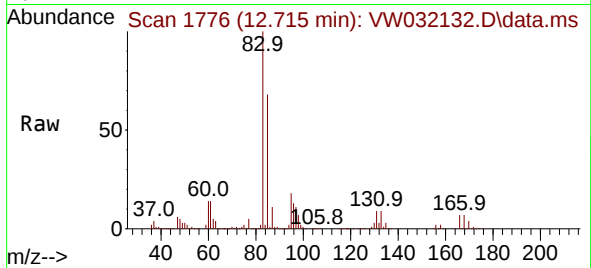




#75
1,1,2,2-Tetrachloroethane
Concen: 151.799 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

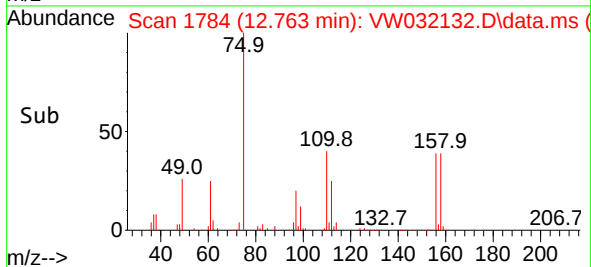
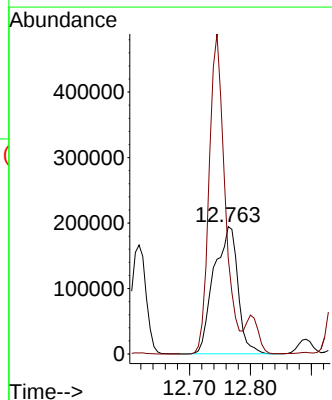
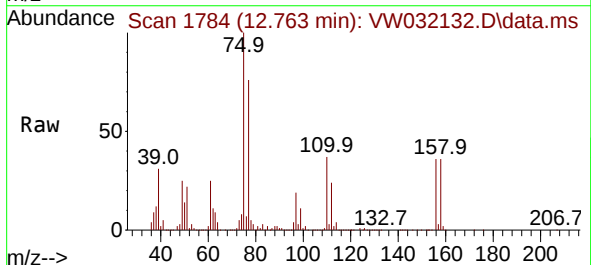
Instrument :
MSVOA_W
ClientSampleId :

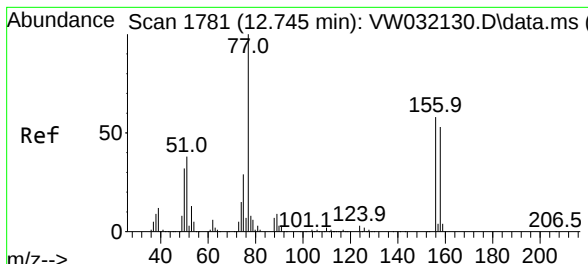
Tgt Ion: 83 Resp: 415758
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 64.9 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 249.160 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 75 Resp: 531034
Ion Ratio Lower Upper
75 100
77 168.5 139.4 418.2



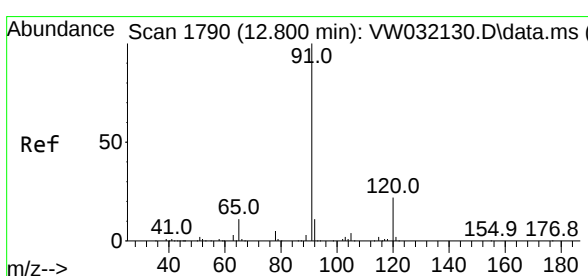
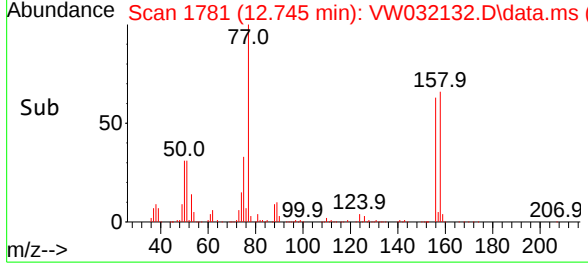
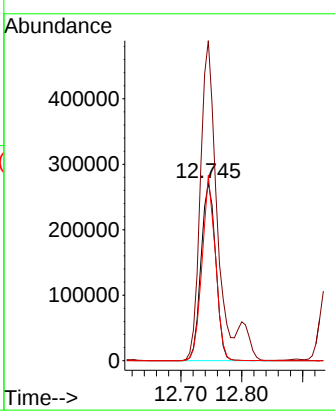
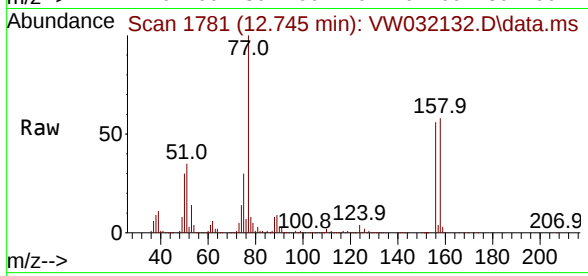


#77
 Bromobenzene
 Concen: 153.560 ug/l
 RT: 12.745 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 156 Resp: 456068

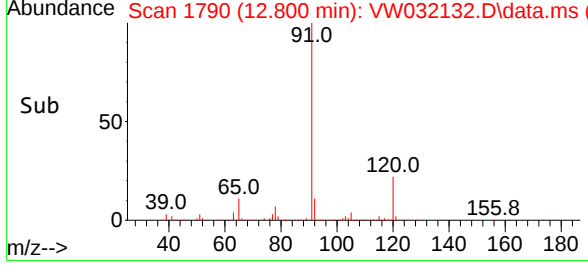
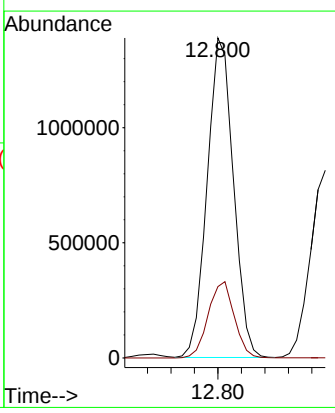
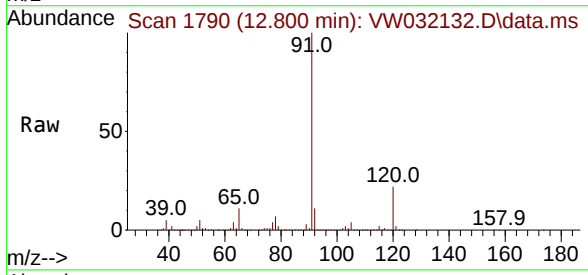
Ion	Ratio	Lower	Upper
156	100		
77	196.2	92.5	277.3
158	95.1	44.5	133.7

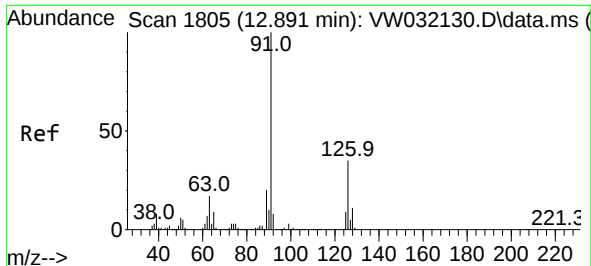


#78
 n-propylbenzene
 Concen: 151.358 ug/l
 RT: 12.800 min Scan# 1790
 Delta R.T. 0.000 min
 Lab File: VW032132.D
 Acq: 25 Aug 2025 14:23

Tgt Ion: 91 Resp: 2154970

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.1	33.3





#79

2-Chlorotoluene

Concen: 151.676 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

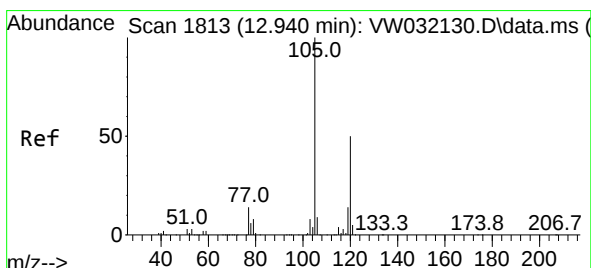
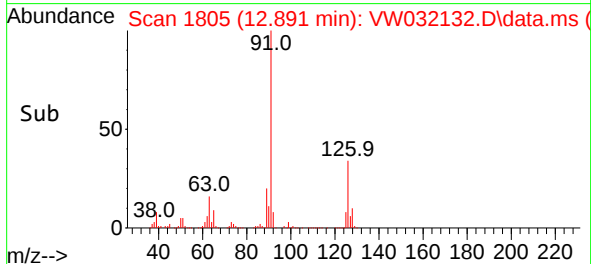
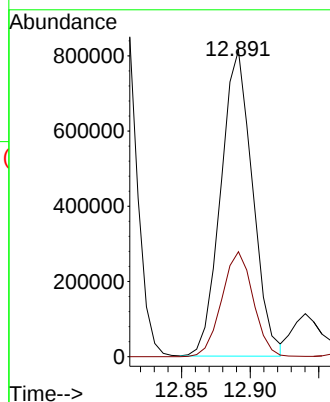
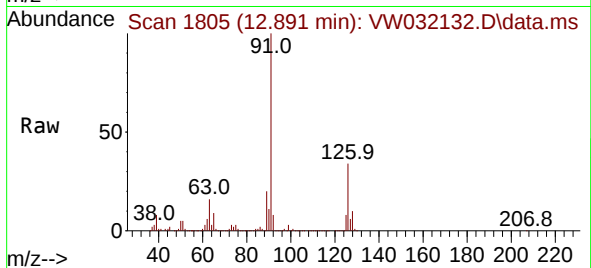
ClientSampleId :

Tgt Ion: 91 Resp: 1311618

Ion Ratio Lower Upper

91 100

126 33.9 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 155.122 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032132.D

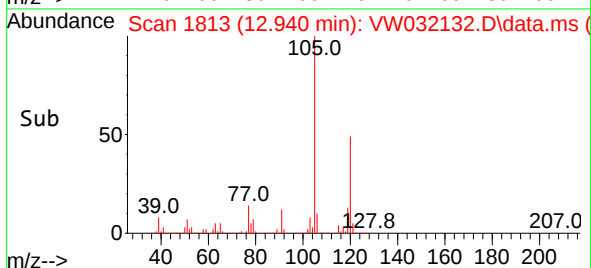
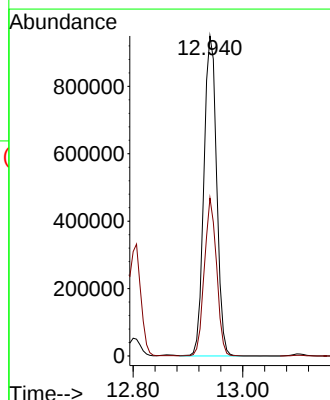
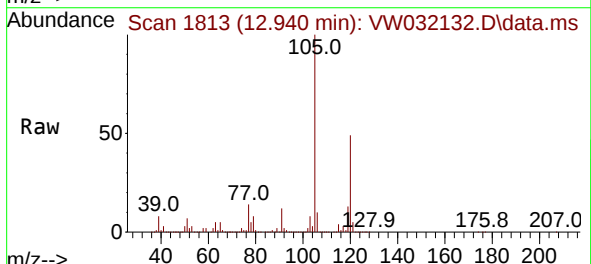
Acq: 25 Aug 2025 14:23

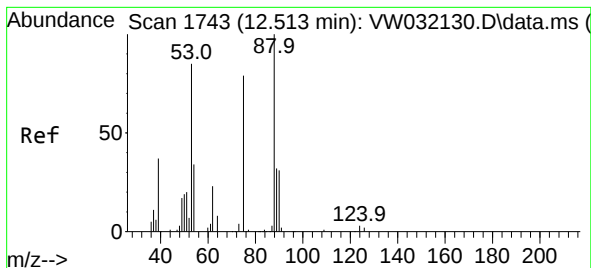
Tgt Ion:105 Resp: 1530377

Ion Ratio Lower Upper

105 100

120 47.3 23.8 71.2

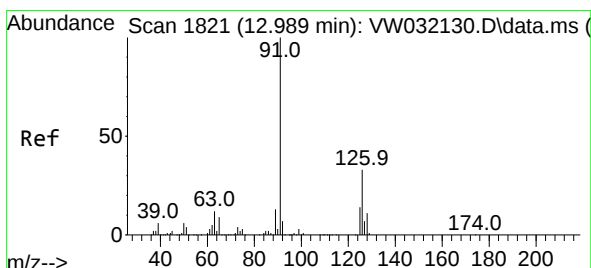
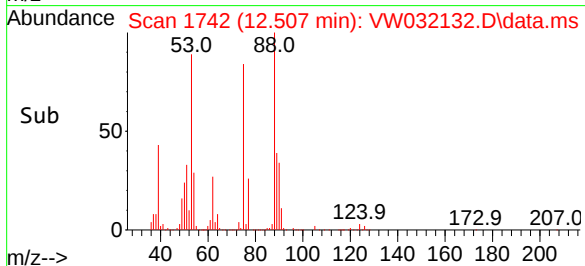
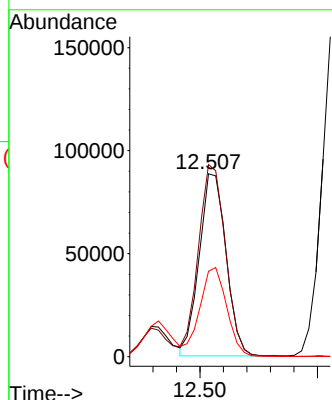
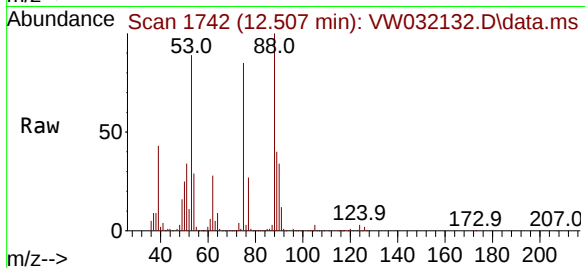




#81
trans-1,4-Dichloro-2-butene
Concen: 172.292 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

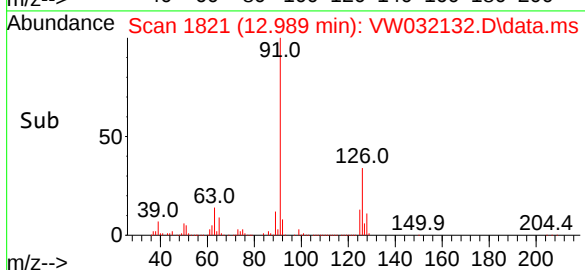
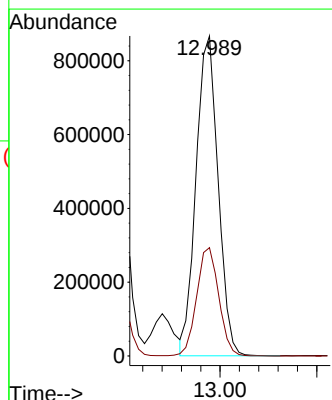
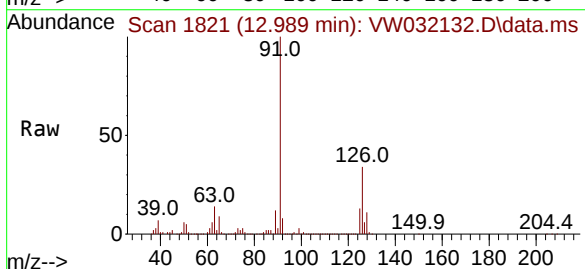
Instrument :
MSVOA_W
ClientSampleId :

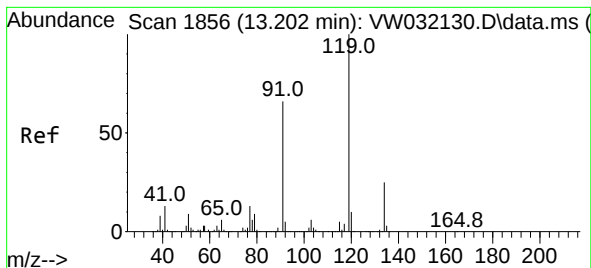
Tgt Ion: 75 Resp: 140605
Ion Ratio Lower Upper
75 100
53 106.6 89.0 133.4
89 49.3 36.6 54.8



#82
4-Chlorotoluene
Concen: 150.160 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion: 91 Resp: 1372185
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.8

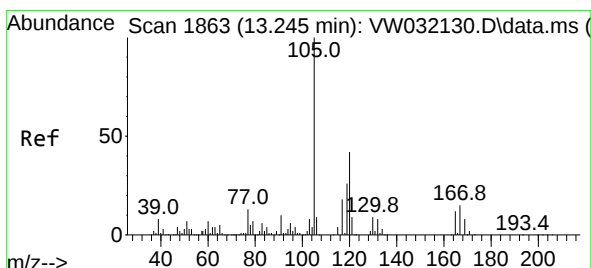
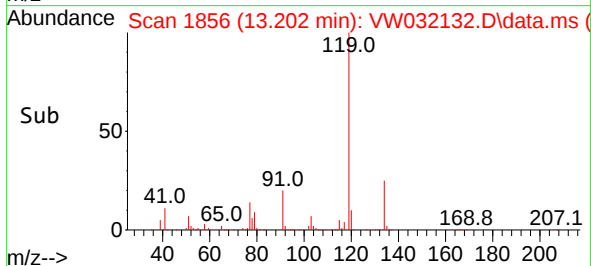
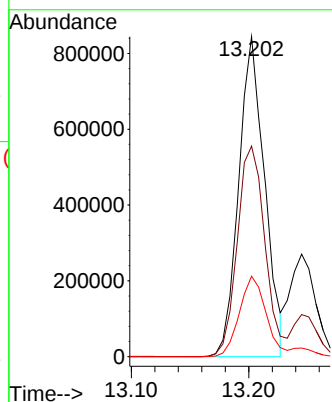
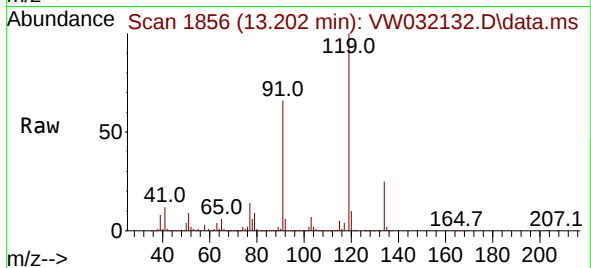




#83
tert-Butylbenzene
Concen: 153.558 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

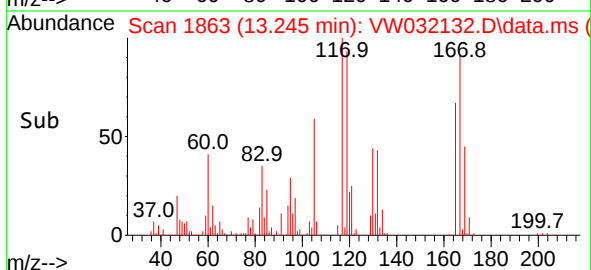
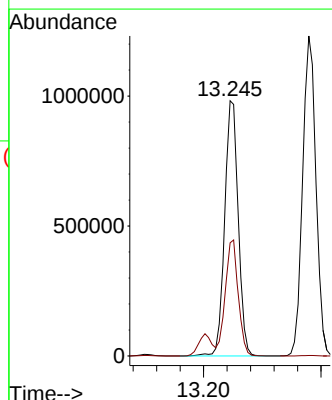
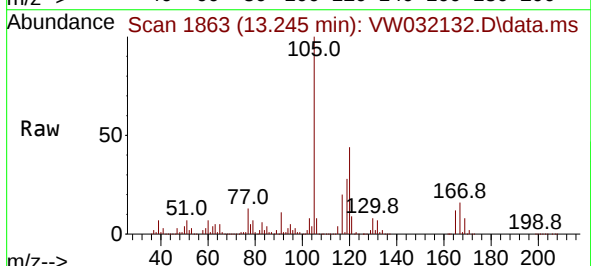
Instrument :
MSVOA_W
ClientSampleId :

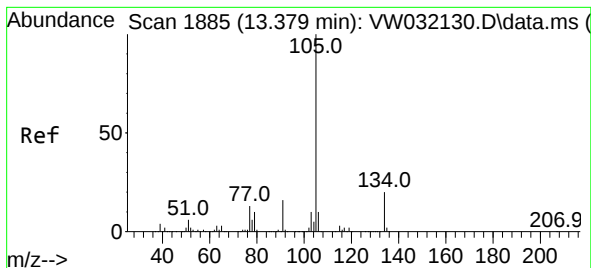
Tgt Ion:119 Resp: 1295153
Ion Ratio Lower Upper
119 100
91 70.7 34.5 103.5
134 25.9 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 153.093 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032132.D
Acq: 25 Aug 2025 14:23

Tgt Ion:105 Resp: 1570339
Ion Ratio Lower Upper
105 100
120 43.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 154.243 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

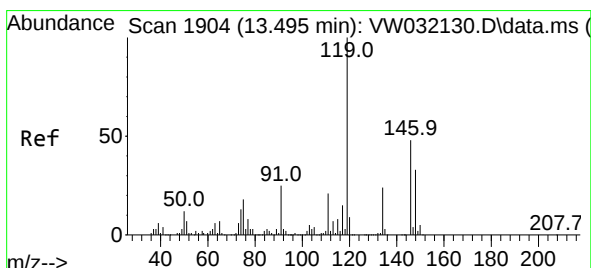
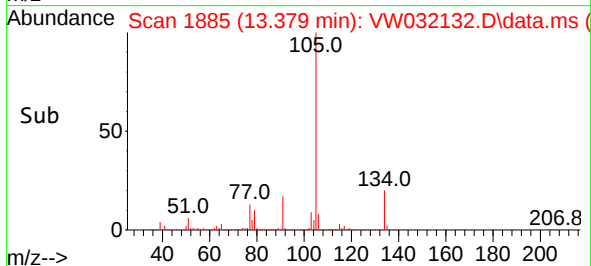
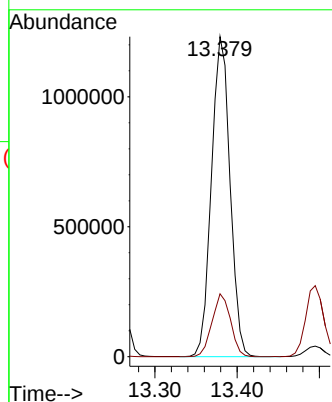
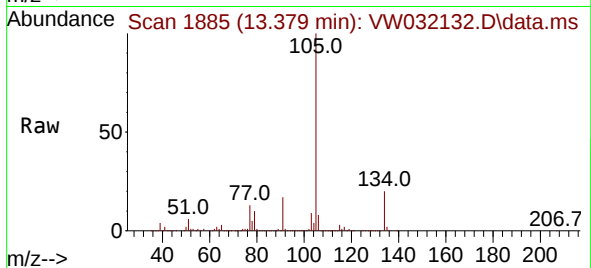
ClientSampleId :

Tgt Ion:105 Resp: 1934061

Ion Ratio Lower Upper

105 100

134 19.6 10.0 30.0



#86

p-Isopropyltoluene

Concen: 155.354 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

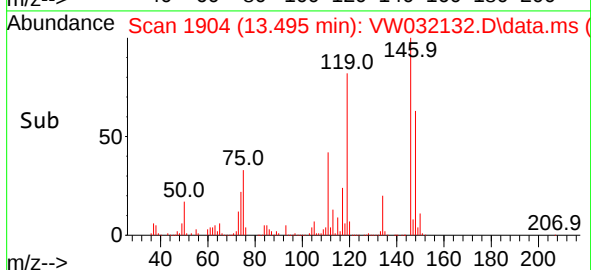
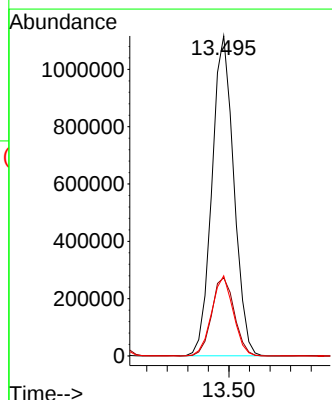
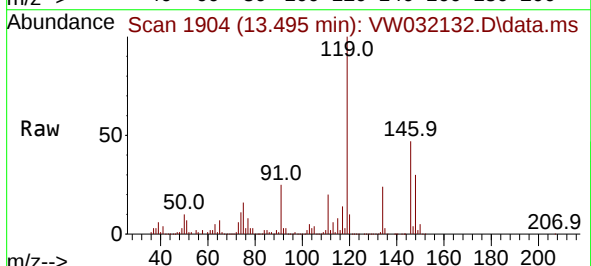
Tgt Ion:119 Resp: 1646459

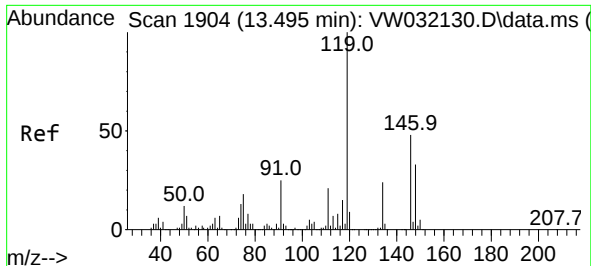
Ion Ratio Lower Upper

119 100

134 25.3 13.6 40.7

91 24.6 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 142.621 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

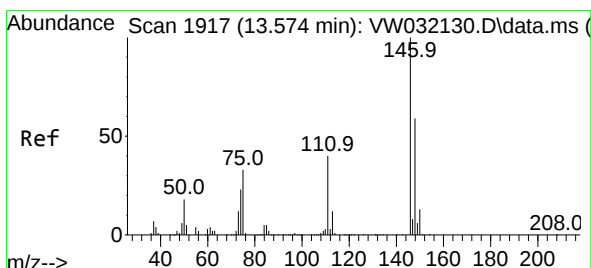
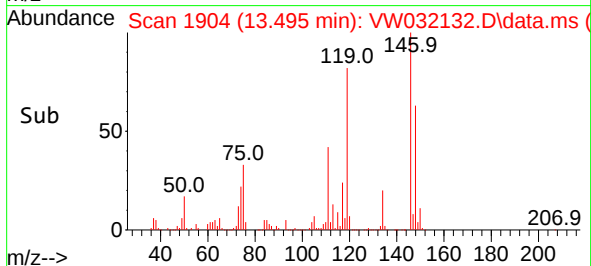
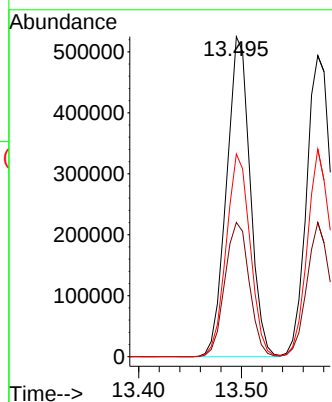
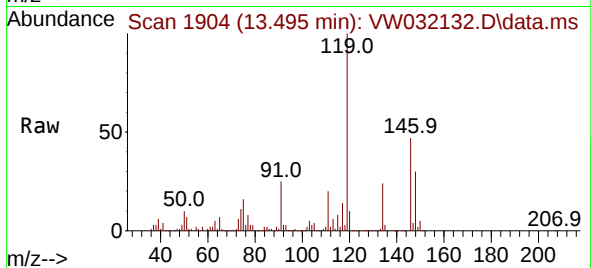
Tgt Ion:146 Resp: 836533

Ion Ratio Lower Upper

146 100

111 43.4 22.2 66.6

148 64.2 33.4 100.2



#88

1,4-Dichlorobenzene

Concen: 137.608 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

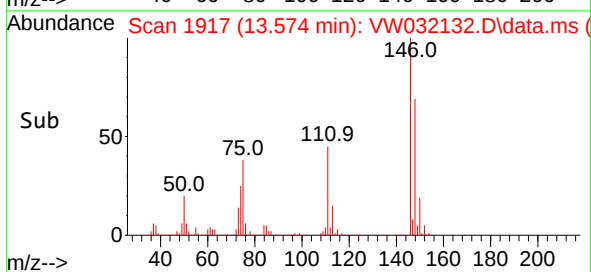
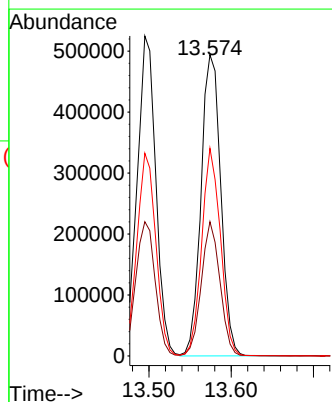
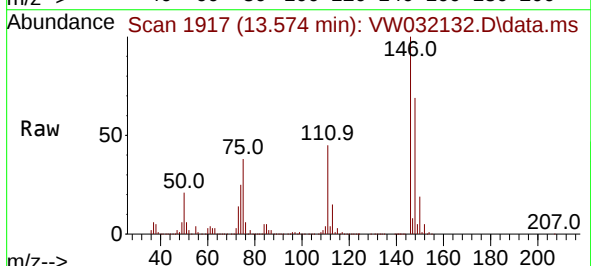
Tgt Ion:146 Resp: 822998

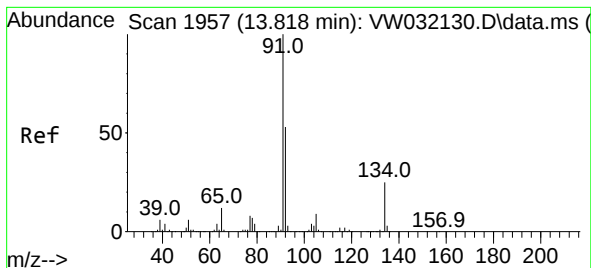
Ion Ratio Lower Upper

146 100

111 42.2 19.4 58.4

148 65.4 31.3 93.9





#89

n-Butylbenzene

Concen: 153.752 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

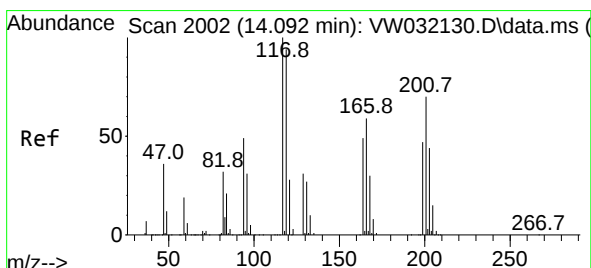
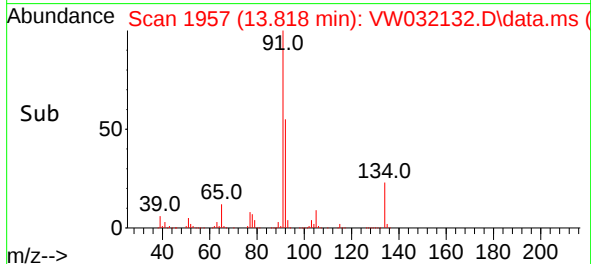
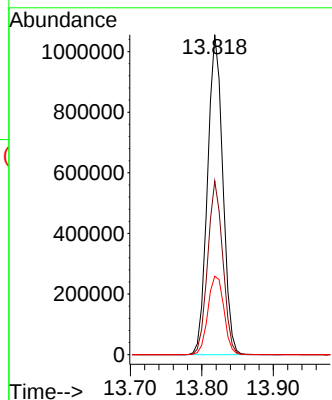
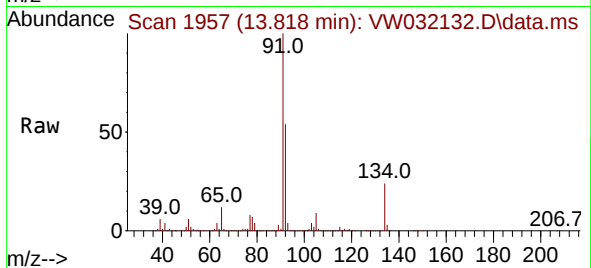
Tgt Ion: 91 Resp: 1565073

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 25.8 12.2 36.4



#90

Hexachloroethane

Concen: 153.625 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VW032132.D

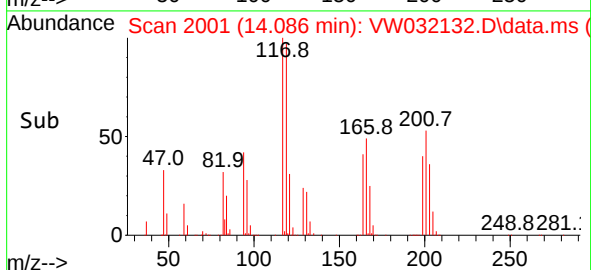
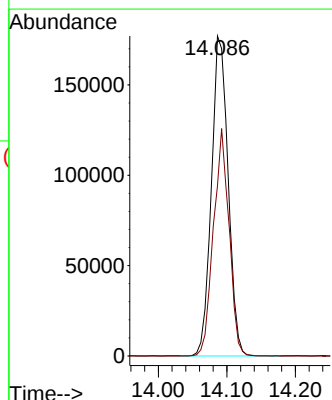
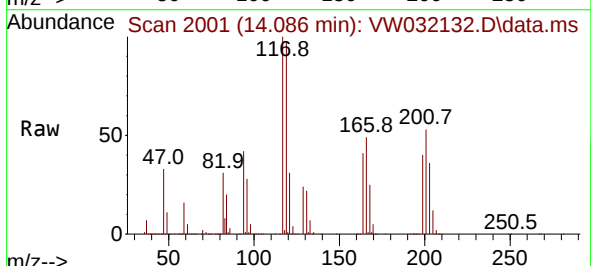
Acq: 25 Aug 2025 14:23

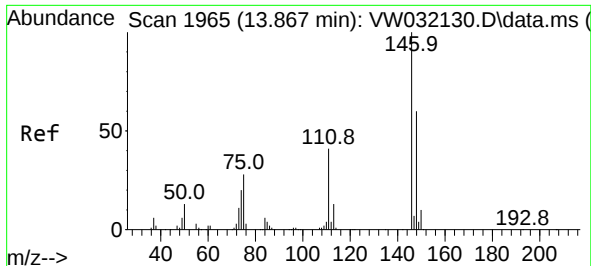
Tgt Ion: 117 Resp: 299297

Ion Ratio Lower Upper

117 100

201 66.4 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 148.308 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

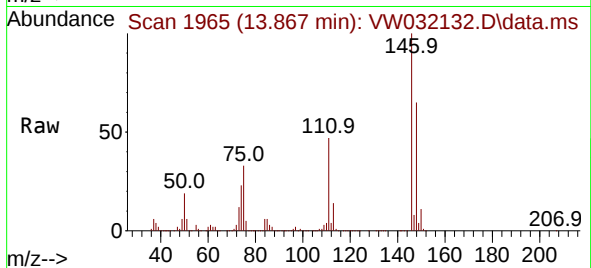
Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

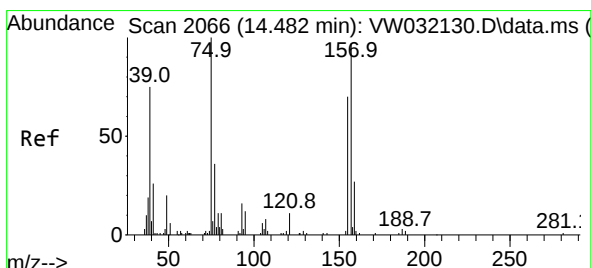
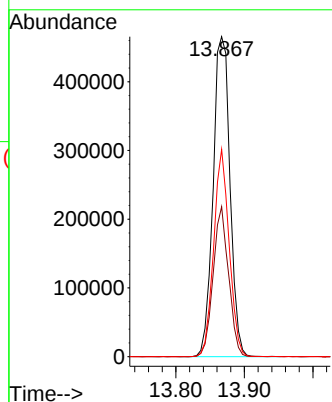
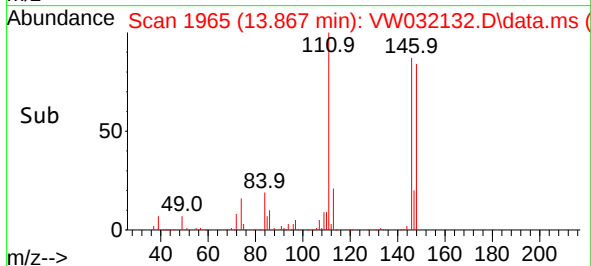
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	146	Resp:	794764
Ion Ratio	Lower	Upper	
146	100		
111	43.0	20.9	62.8
148	59.4	31.3	93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 161.174 ug/l

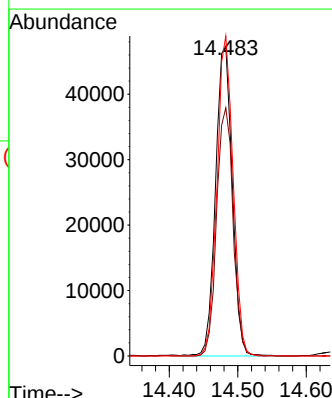
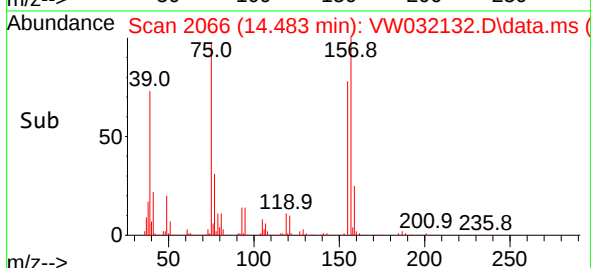
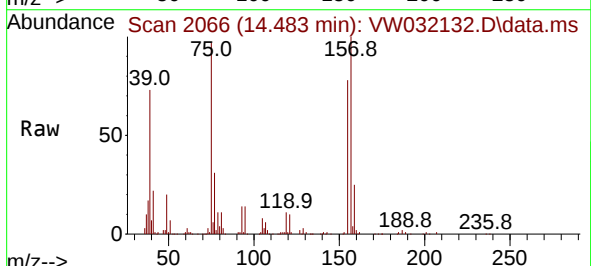
RT: 14.483 min Scan# 2066

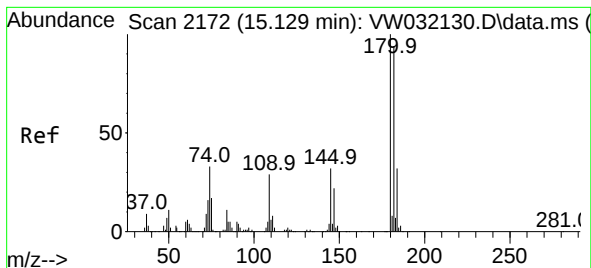
Delta R.T. 0.006 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Tgt Ion:	75	Resp:	79942
Ion Ratio	Lower	Upper	
75	100		
155	79.1	37.5	112.7
157	99.5	50.6	151.8





#93

1,2,4-Trichlorobenzene

Concen: 149.168 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

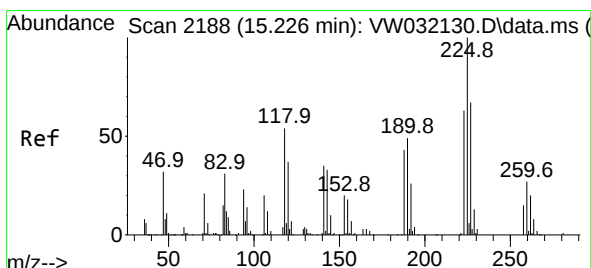
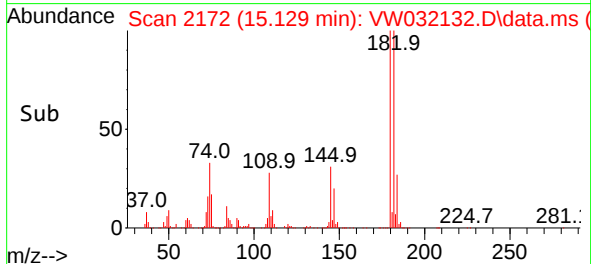
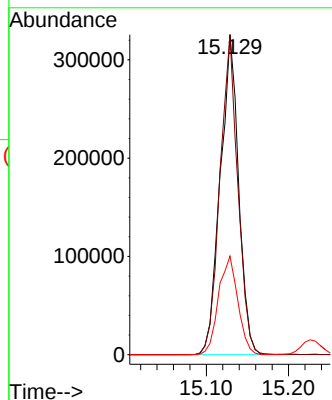
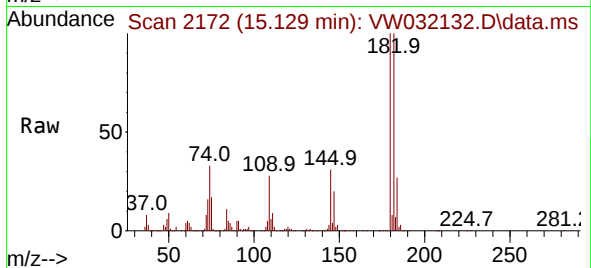
Tgt Ion:180 Resp: 504663

Ion Ratio Lower Upper

180 100

182 97.5 46.1 138.2

145 32.5 15.7 47.1



#94

Hexachlorobutadiene

Concen: 146.770 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

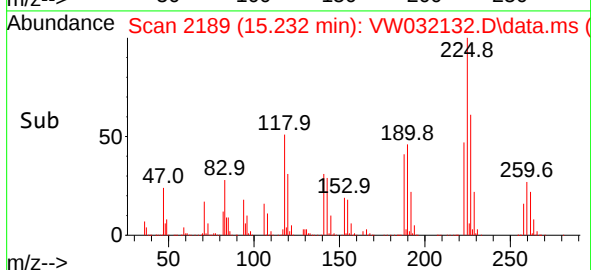
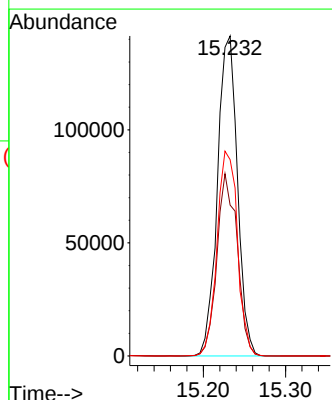
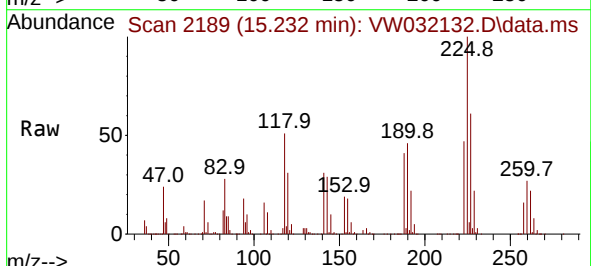
Tgt Ion:225 Resp: 239128

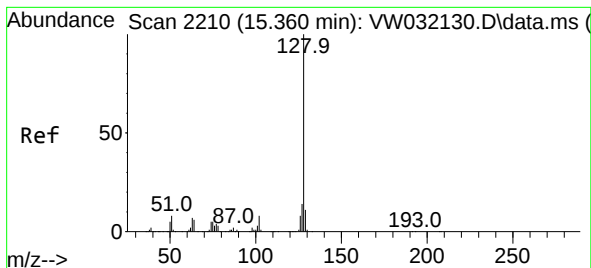
Ion Ratio Lower Upper

225 100

223 57.6 32.3 96.9

227 65.4 32.1 96.5





#95

Naphthalene

Concen: 169.226 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

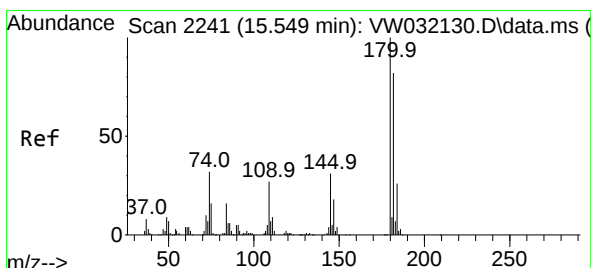
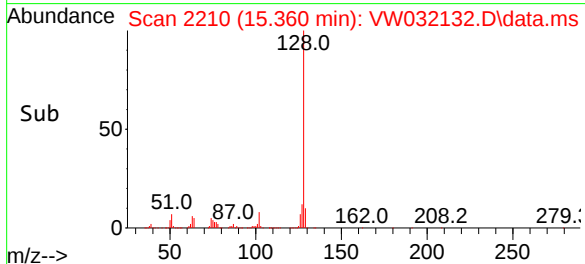
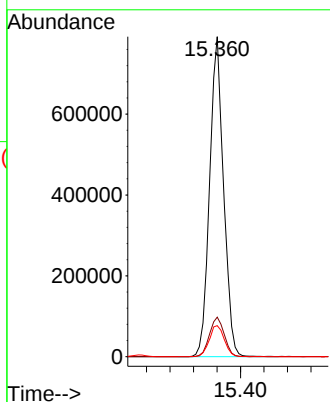
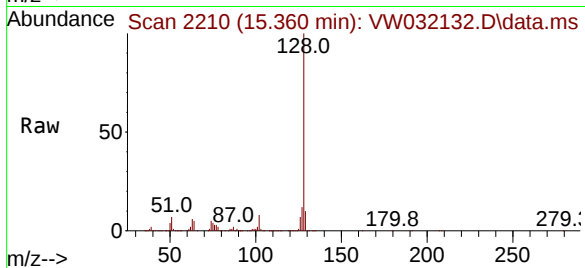
Tgt Ion:128 Resp: 1303470

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 145.678 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032132.D

Acq: 25 Aug 2025 14:23

Tgt Ion:180 Resp: 455549

Ion Ratio Lower Upper

180 100

182 102.6 45.3 135.8

145 36.9 17.2 51.5

