

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091825\
 Data File : VW032192.D
 Acq On : 18 Sep 2025 09:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 04:30:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	193478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	336786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	314172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	158021	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	139424	50.388	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.780%	
35) Dibromofluoromethane	7.898	113	114529	48.470	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 96.940%	
50) Toluene-d8	10.325	98	419729	50.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.617	95	150024	48.911	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	60265	47.178	ug/l	96
3) Chloromethane	2.253	50	71699	53.534	ug/l	100
4) Vinyl Chloride	2.405	62	94797	54.495	ug/l	99
5) Bromomethane	2.826	94	80717	51.960	ug/l	98
6) Chloroethane	2.966	64	68006	55.512	ug/l	97
7) Trichlorofluoromethane	3.302	101	87584	50.814	ug/l	93
8) Diethyl Ether	3.716	74	65226	50.710	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	102341	52.708	ug/l	97
10) Methyl Iodide	4.314	142	149554	50.585	ug/l	100
11) Tert butyl alcohol	5.216	59	38669	228.473	ug/l	99
12) 1,1-Dichloroethene	4.070	96	106681	52.171	ug/l	98
13) Acrolein	3.923	56	13643	52.440	ug/l	97
14) Allyl chloride	4.698	41	143909	49.546	ug/l	95
15) Acrylonitrile	5.399	53	152708	244.193	ug/l	99
16) Acetone	4.155	43	148585	247.952	ug/l	99
17) Carbon Disulfide	4.423	76	243969	47.703	ug/l	100
18) Methyl Acetate	4.704	43	105011	54.999	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	196795	50.965	ug/l	98
20) Methylene Chloride	4.954	84	118341	48.048	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	111882	48.979	ug/l	95
22) Diisopropyl ether	6.338	45	335202	53.025	ug/l	97
23) Vinyl Acetate	6.283	43	1079786	251.229	ug/l	99
24) 1,1-Dichloroethane	6.240	63	209313	50.576	ug/l	98
25) 2-Butanone	7.191	43	211946	249.596	ug/l	99
26) 2,2-Dichloropropane	7.191	77	119036	54.314	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	140092	50.399	ug/l	98
28) Bromochloromethane	7.526	49	100551	53.075	ug/l #	9
29) Tetrahydrofuran	7.551	42	133719	247.808	ug/l	98
30) Chloroform	7.691	83	245395	51.934	ug/l	100
31) Cyclohexane	7.971	56	162783	47.922	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	176668	51.218	ug/l	99
36) 1,1-Dichloropropene	8.093	75	154065	50.288	ug/l	99
37) Ethyl Acetate	7.270	43	87316	47.510	ug/l	98
38) Carbon Tetrachloride	8.087	117	166492	50.694	ug/l	96
39) Methylcyclohexane	9.343	83	185011	50.985	ug/l	96
40) Benzene	8.331	78	474223	50.076	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	50926	49.875	ug/l	94
42) 1,2-Dichloroethane	8.410	62	163701	49.864	ug/l	99
43) Isopropyl Acetate	8.435	43	169389	49.129	ug/l	100
44) Trichloroethene	9.099	130	116657	48.984	ug/l	95
45) 1,2-Dichloropropane	9.374	63	115397	50.549	ug/l	100
46) Dibromomethane	9.465	93	78166	48.817	ug/l	97
47) Bromodichloromethane	9.648	83	186000	51.117	ug/l	97
48) Methyl methacrylate	9.441	41	80387	50.592	ug/l	98
49) 1,4-Dioxane	9.459	88	17840	922.143	ug/l #	97
51) 4-Methyl-2-Pentanone	10.209	43	483993	248.606	ug/l	99
52) Toluene	10.392	92	306336	49.501	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	162068	50.489	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	188113	51.360	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	101514	48.754	ug/l	100
56) Ethyl methacrylate	10.648	69	133985	50.333	ug/l	98
57) 1,3-Dichloropropane	10.934	76	169441	48.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	376216	264.786	ug/l	99
59) 2-Hexanone	10.971	43	338363	249.905	ug/l	97
60) Dibromochloromethane	11.129	129	124716	49.500	ug/l	97
61) 1,2-Dibromoethane	11.239	107	97560	47.647	ug/l	98
64) Tetrachloroethene	10.867	164	91071	44.043	ug/l #	69
65) Chlorobenzene	11.660	112	338550	47.343	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	117435	49.881	ug/l	98
67) Ethyl Benzene	11.727	91	588613	50.238	ug/l	98
68) m/p-Xylenes	11.843	106	456137	101.156	ug/l	98
69) o-Xylene	12.166	106	215301	50.478	ug/l	99
70) Styrene	12.178	104	382107	50.820	ug/l	99
71) Bromoform	12.349	173	68271	48.825	ug/l #	99
73) Isopropylbenzene	12.465	105	552468	51.462	ug/l	99
74) N-amyl acetate	12.269	43	158321	50.796	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	127056	49.801	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	156968	79.289	ug/l	41
77) Bromobenzene	12.745	156	134900	49.276	ug/l	98
78) n-propylbenzene	12.800	91	696362	53.428	ug/l	96
79) 2-Chlorotoluene	12.891	91	411581	51.641	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	479730	52.780	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.507	75	37569	51.095	ug/l	98
82) 4-Chlorotoluene	12.989	91	434338	50.911	ug/l	99
83) tert-Butylbenzene	13.202	119	407726	52.905	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	496385	52.787	ug/l	99
85) sec-Butylbenzene	13.379	105	611769	53.168	ug/l	98
86) p-Isopropyltoluene	13.495	119	506988	51.812	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	275956	50.063	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	261846	47.392	ug/l	98
89) n-Butylbenzene	13.818	91	496984	53.272	ug/l	98
90) Hexachloroethane	14.092	117	93063	51.995	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	241861	49.559	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	21666	48.070	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	147349	47.257	ug/l	96
94) Hexachlorobutadiene	15.226	225	67433	43.606	ug/l	98
95) Naphthalene	15.360	128	342939	48.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	137072	47.270	ug/l	97

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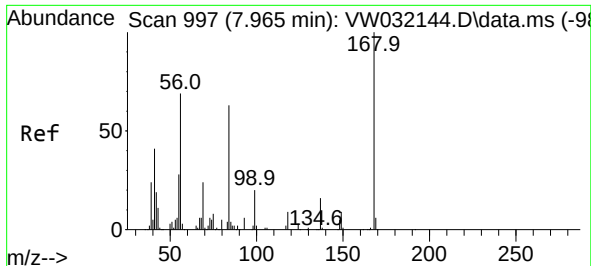
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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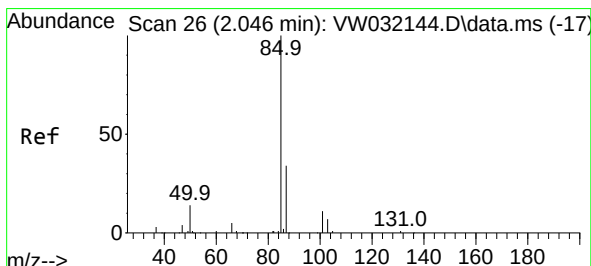
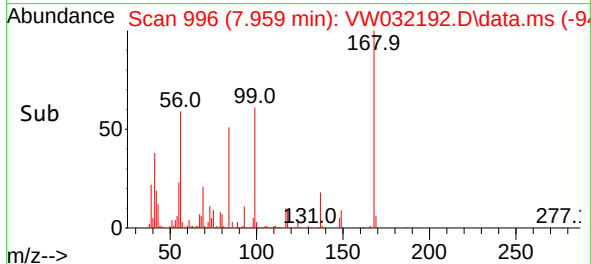
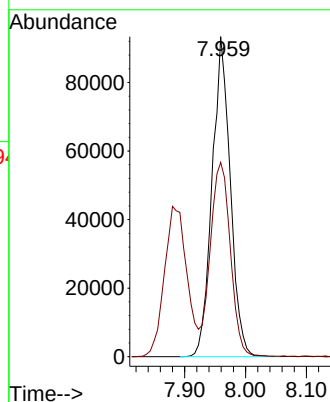
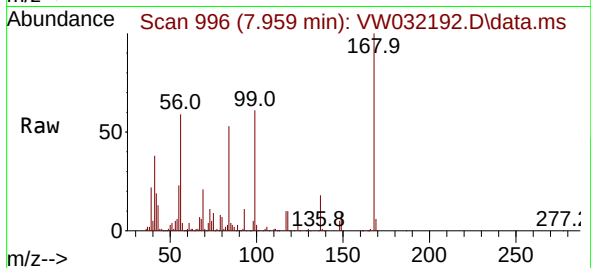




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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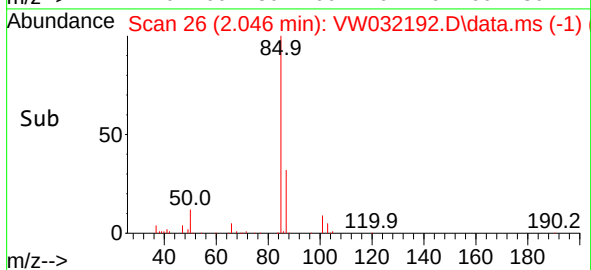
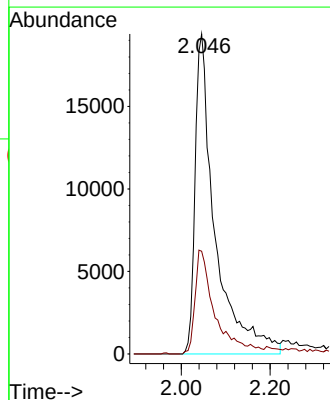
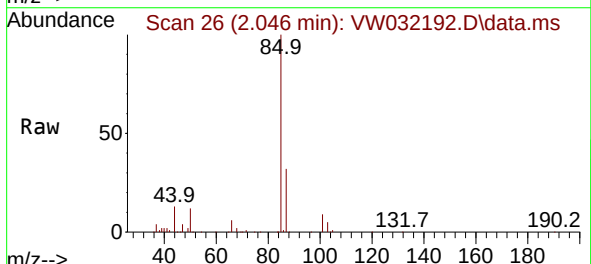
Instrument :
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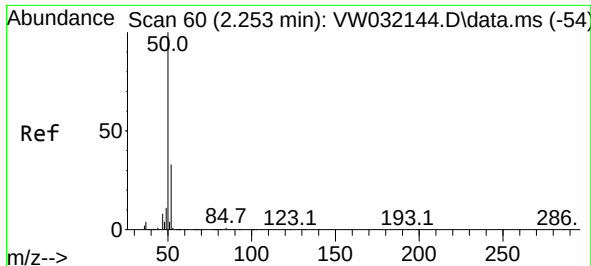
Tgt Ion:168 Resp: 193478
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 47.178 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 85 Resp: 60265
Ion Ratio Lower Upper
85 100
87 32.1 17.2 51.6

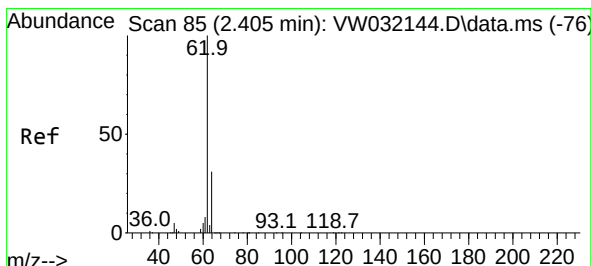
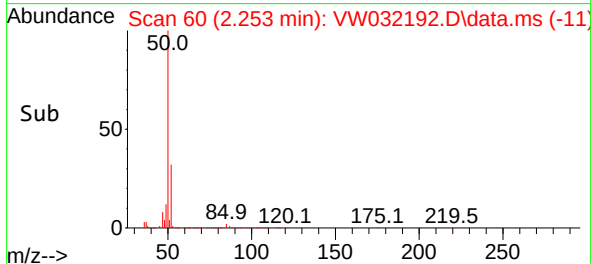
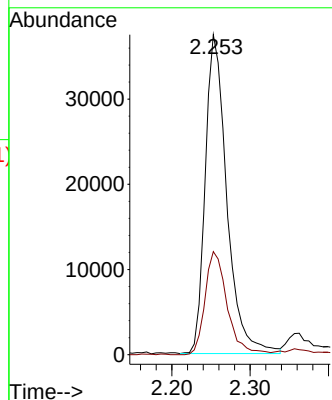
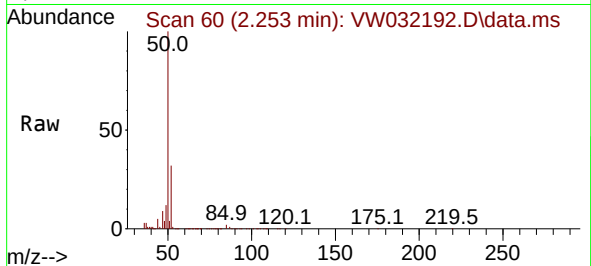




#3
Chloromethane
Concen: 53.534 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

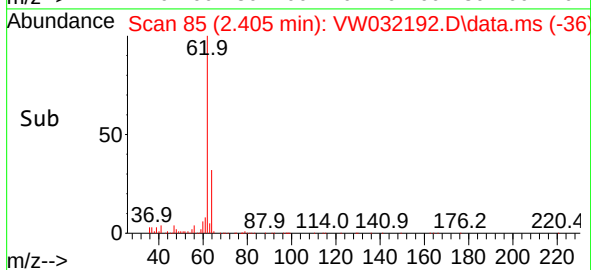
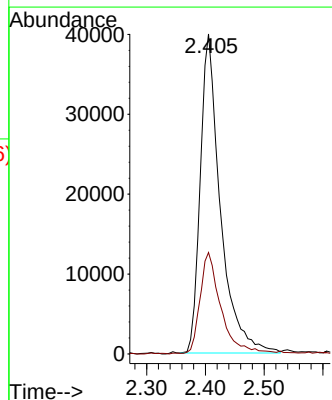
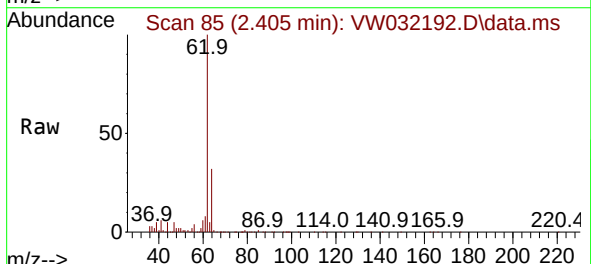
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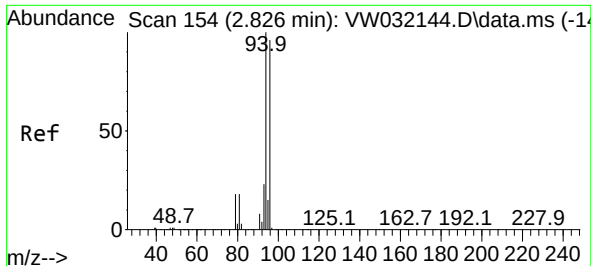
Tgt Ion: 50 Resp: 71699
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 54.495 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 62 Resp: 94797
Ion Ratio Lower Upper
62 100
64 31.6 24.8 37.2

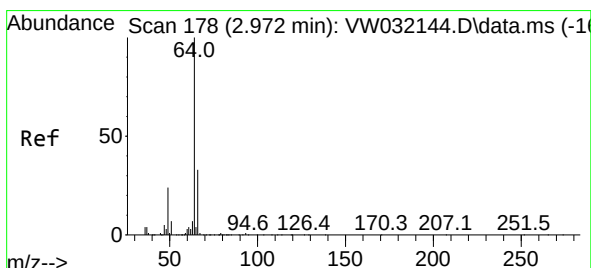
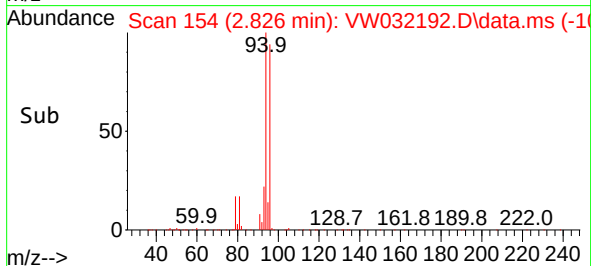
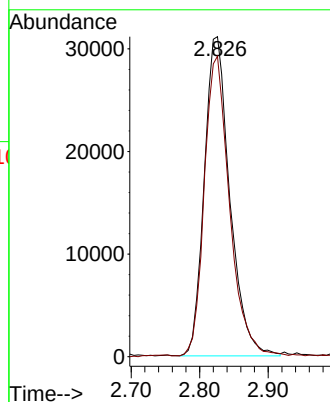
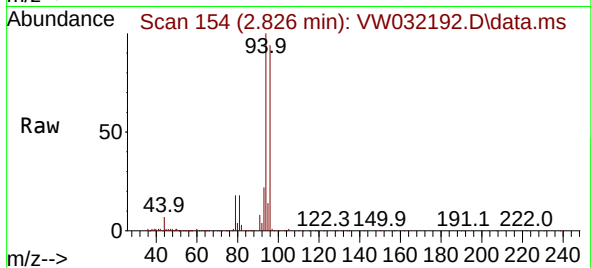




#5
Bromomethane
Concen: 51.960 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

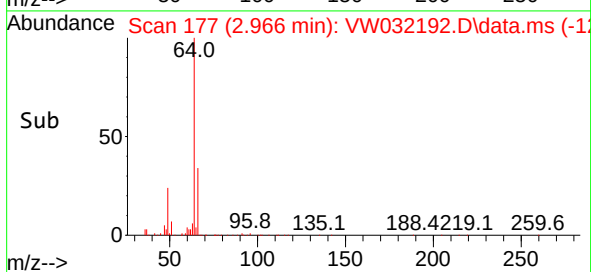
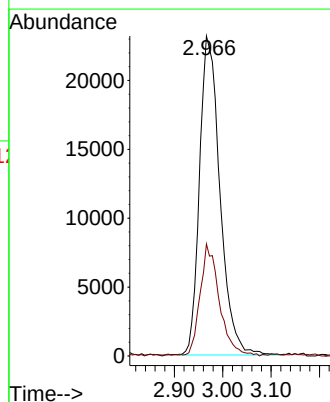
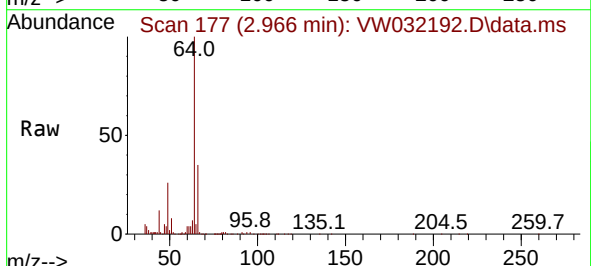
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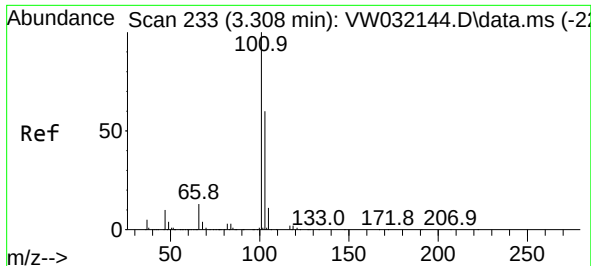
Tgt Ion: 94 Resp: 80717
Ion Ratio Lower Upper
94 100
96 93.9 76.6 115.0



#6
Chloroethane
Concen: 55.512 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032192.D
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Tgt Ion: 64 Resp: 68006
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.4

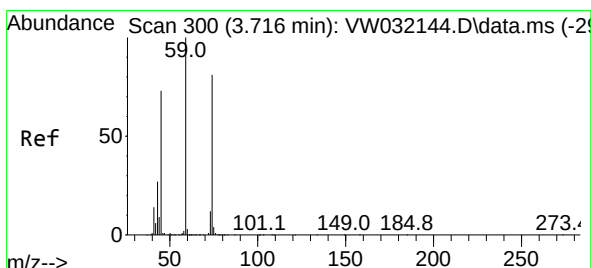
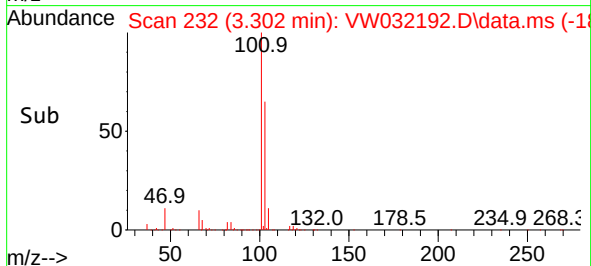
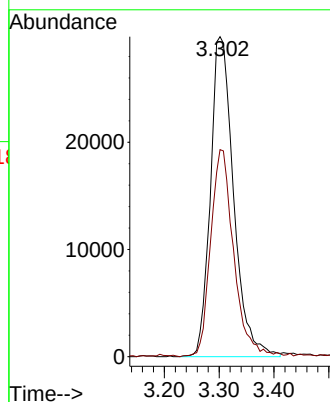
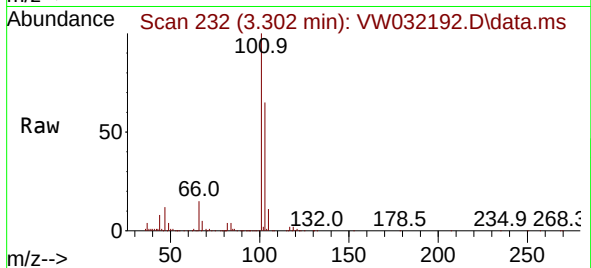




#7
 Trichlorofluoromethane
 Concen: 50.814 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

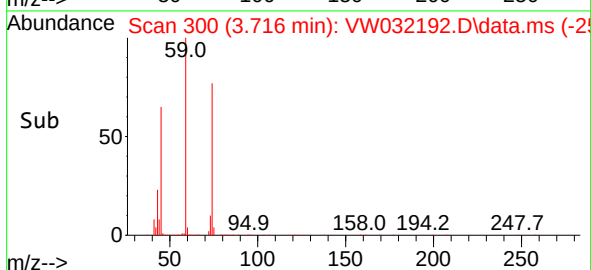
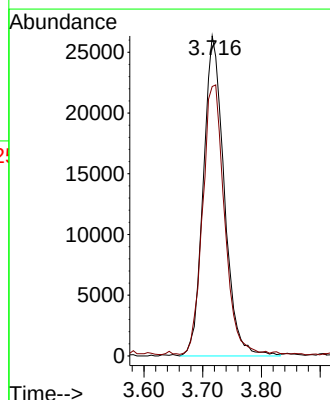
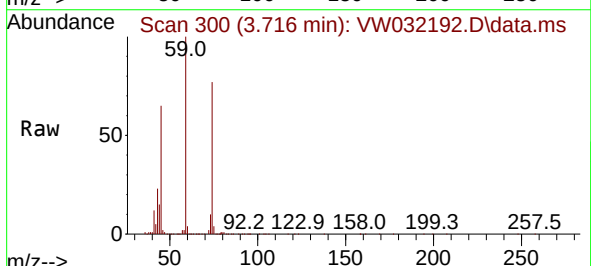
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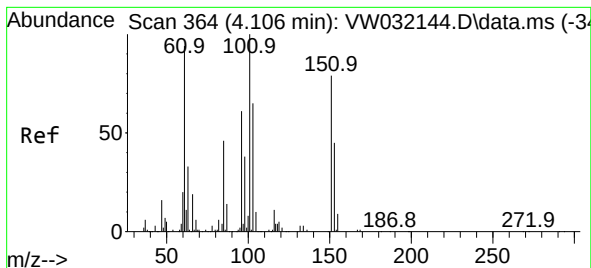
Tgt Ion:101 Resp: 87584
 Ion Ratio Lower Upper
 101 100
 103 64.7 47.8 71.8



#8
 Diethyl Ether
 Concen: 50.710 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

Tgt Ion: 74 Resp: 65226
 Ion Ratio Lower Upper
 74 100
 45 87.7 43.1 129.4

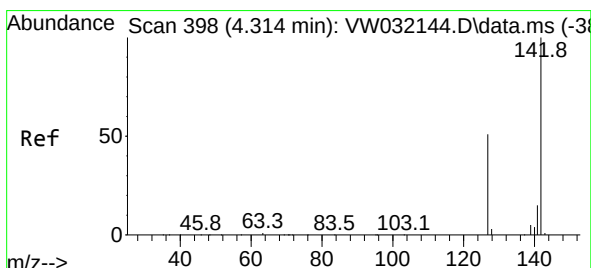
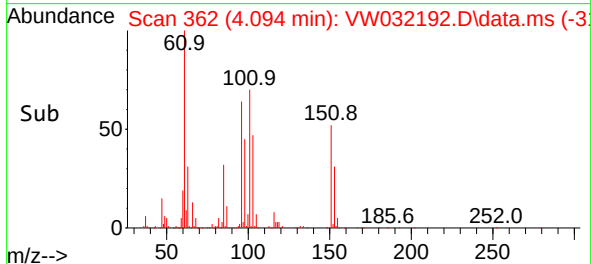
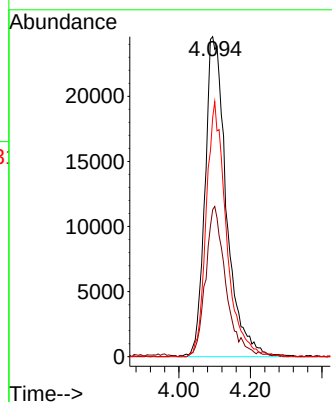
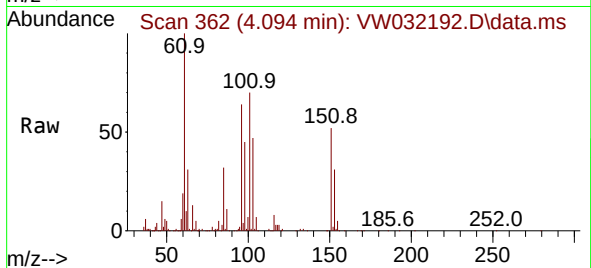




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.708 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.012 min
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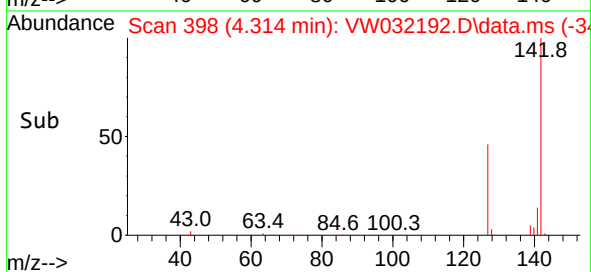
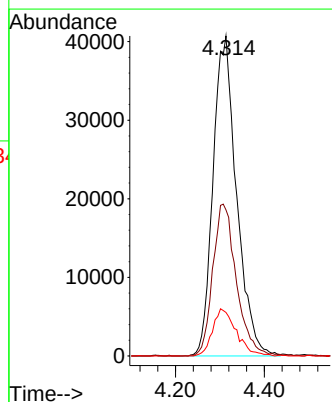
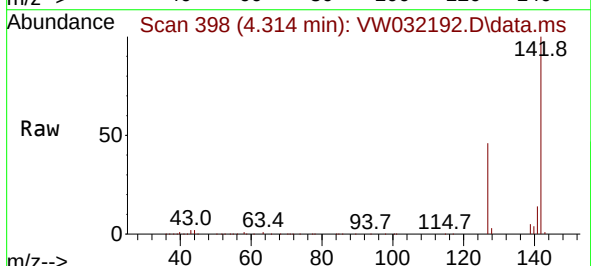
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

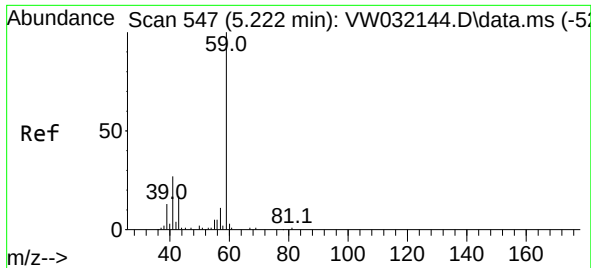
Tgt Ion:101 Resp: 102341
Ion Ratio Lower Upper
101 100
85 44.2 37.1 55.7
151 74.8 61.5 92.3



#10
Methyl Iodide
Concen: 50.585 ug/l
RT: 4.314 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion:142 Resp: 149554
Ion Ratio Lower Upper
142 100
127 47.6 38.2 57.2
141 14.9 12.2 18.2

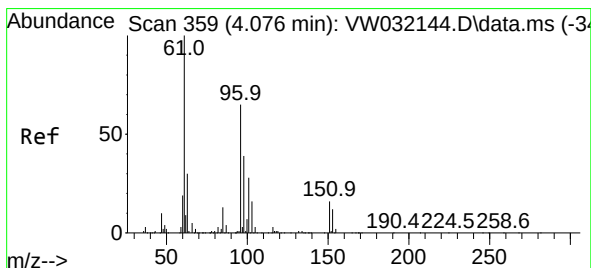
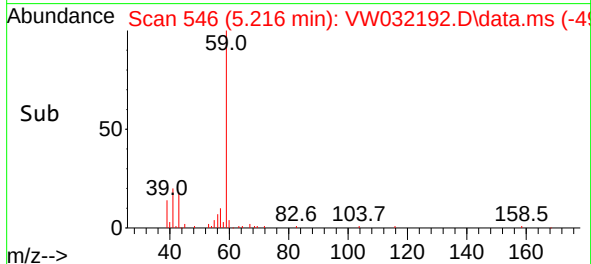
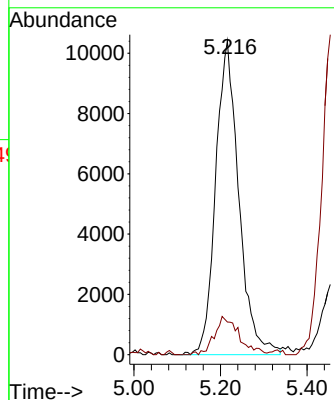
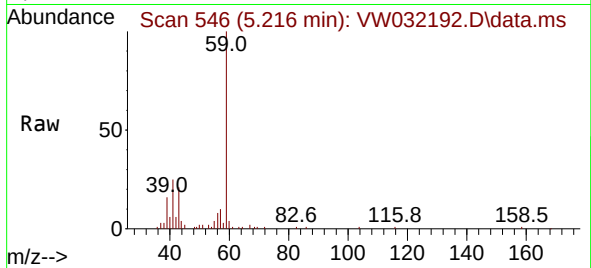




#11
Tert butyl alcohol
Concen: 228.473 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

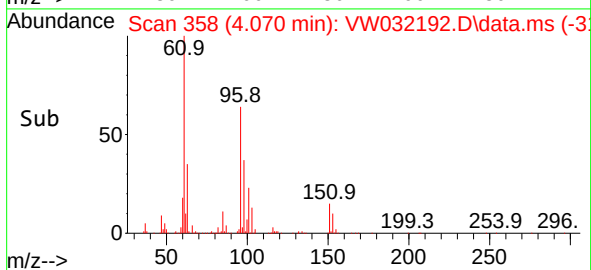
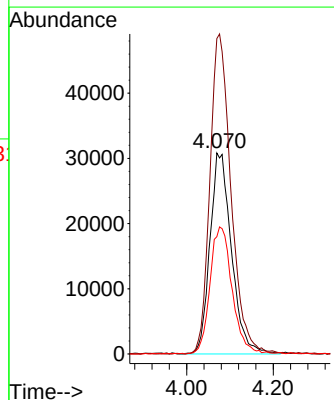
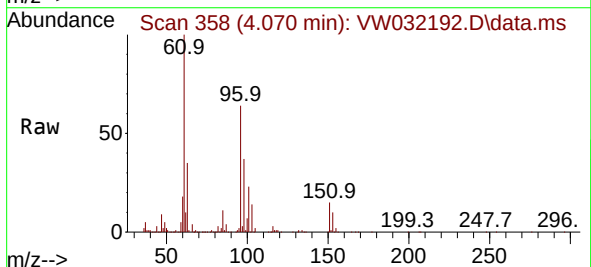
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

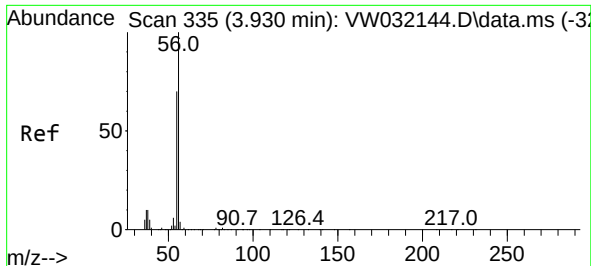
Tgt Ion: 59 Resp: 38669
Ion Ratio Lower Upper
59 100
57 12.8 9.8 14.6



#12
1,1-Dichloroethene
Concen: 52.171 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 96 Resp: 106681
Ion Ratio Lower Upper
96 100
61 156.5 123.0 184.4
98 58.2 48.5 72.7

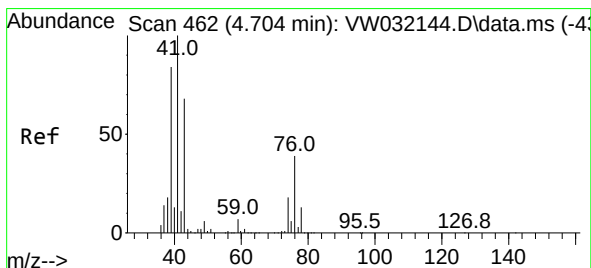
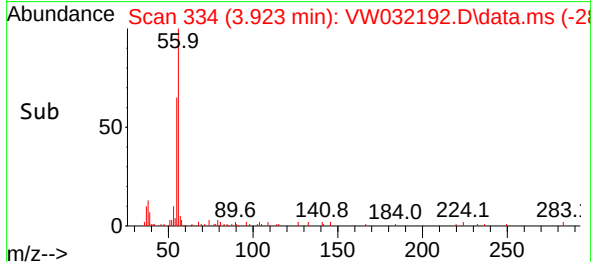
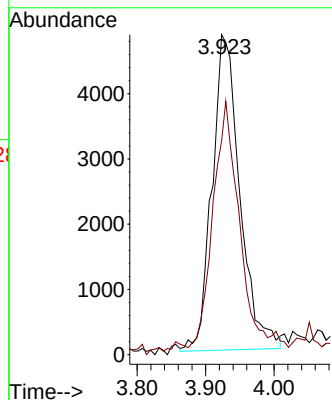
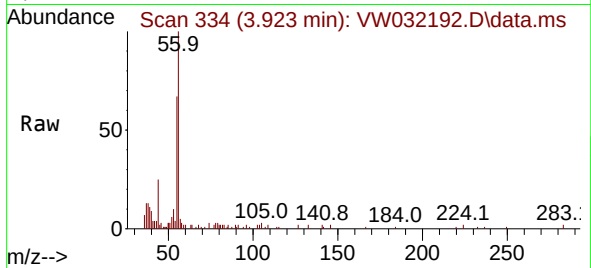




#13
Acrolein
Concen: 52.440 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

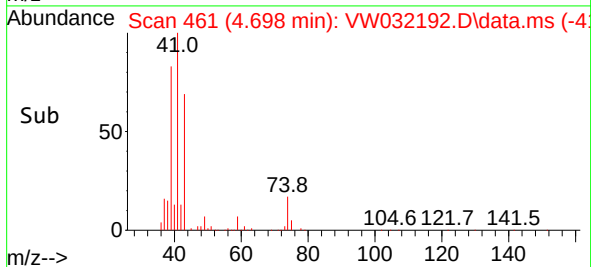
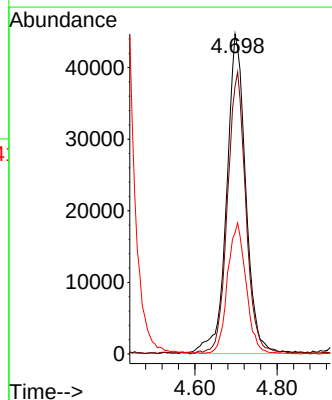
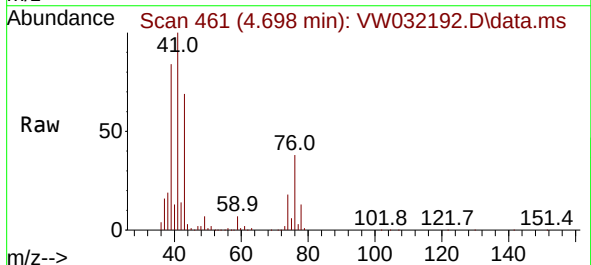
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

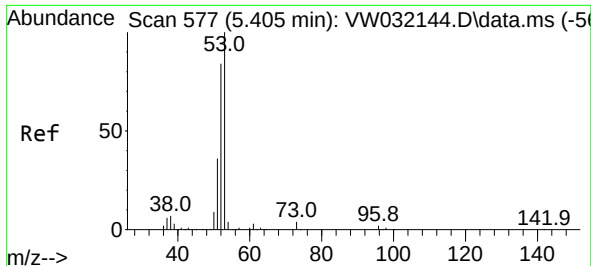
Tgt Ion: 56 Resp: 13643
Ion Ratio Lower Upper
56 100
55 73.2 56.4 84.6



#14
Allyl chloride
Concen: 49.546 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 41 Resp: 143909
Ion Ratio Lower Upper
41 100
39 85.5 64.1 96.1
76 40.1 31.4 47.2

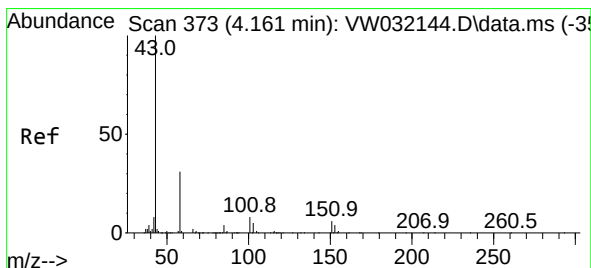
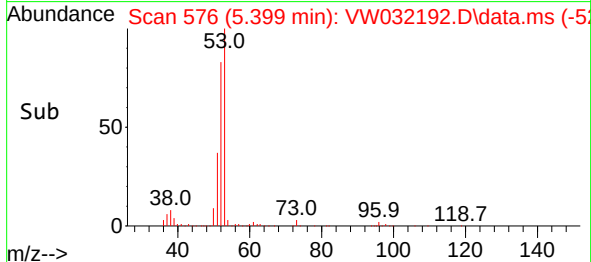
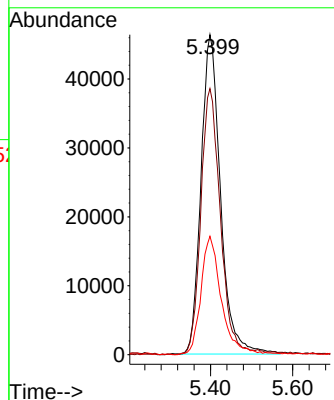
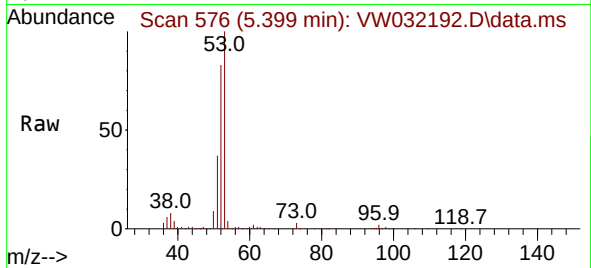




#15
Acrylonitrile
Concen: 244.193 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

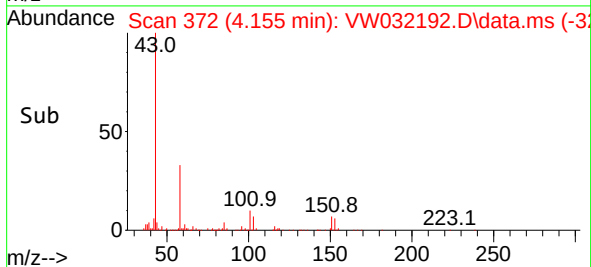
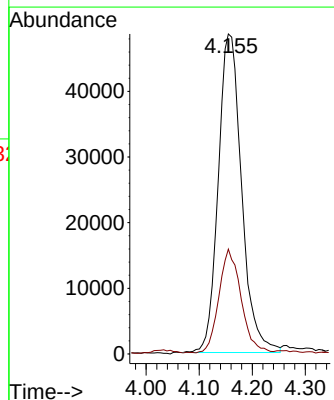
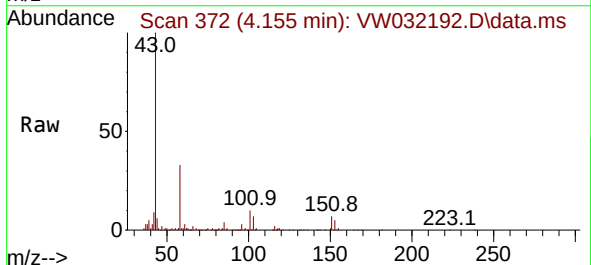
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

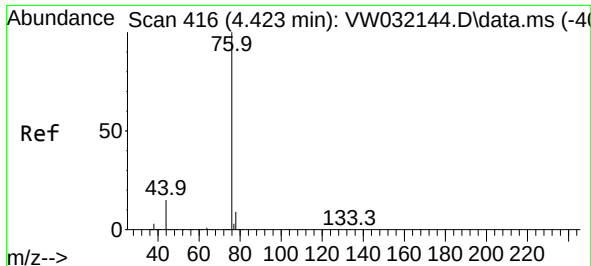
Tgt Ion: 53 Resp: 152708
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 39.0 30.3 45.5



#16
Acetone
Concen: 247.952 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 43 Resp: 148585
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9

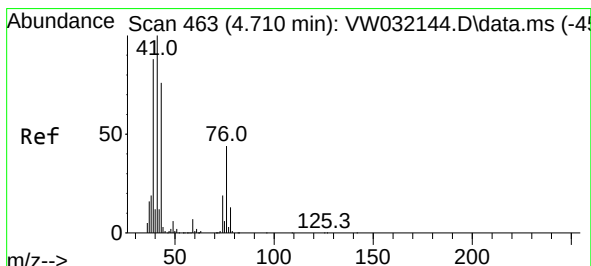
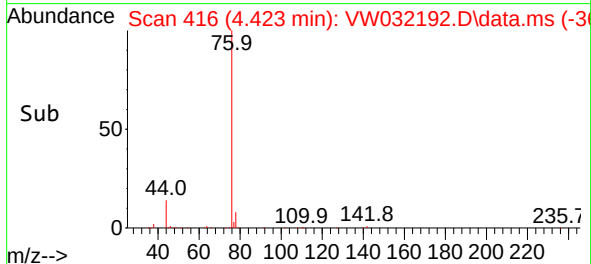
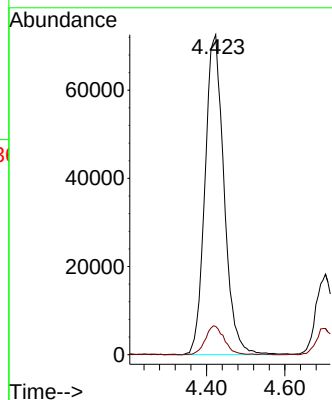
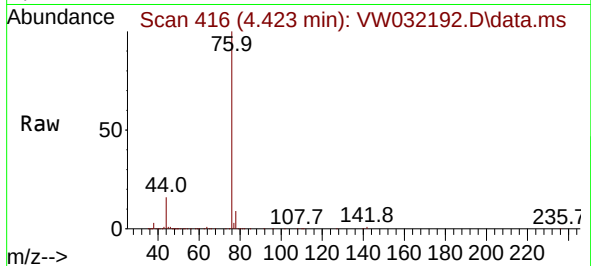




#17
Carbon Disulfide
Concen: 47.703 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

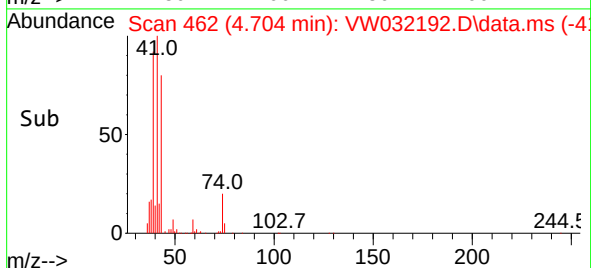
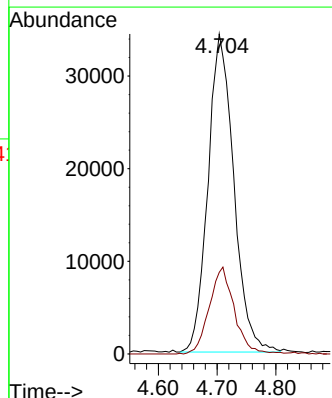
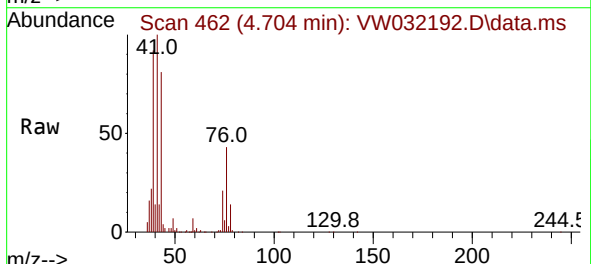
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

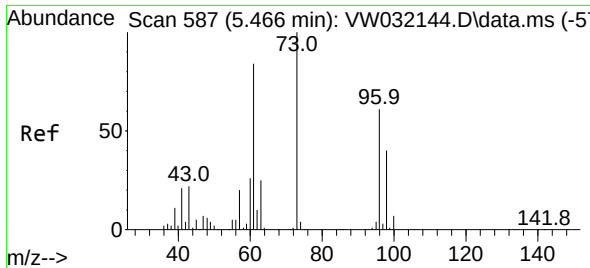
Tgt Ion: 76 Resp: 243969
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 54.999 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 43 Resp: 105011
Ion Ratio Lower Upper
43 100
74 26.4 20.2 30.4

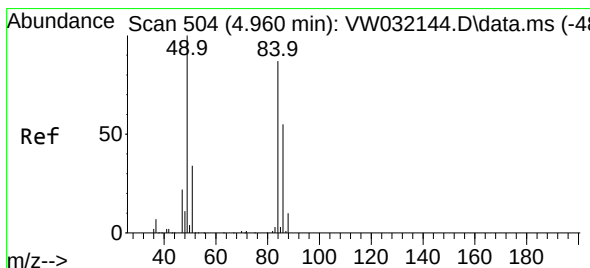
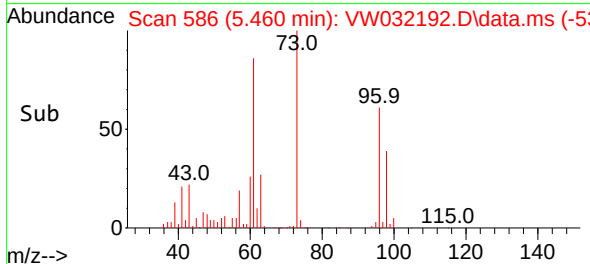
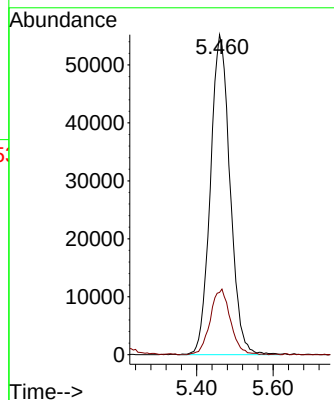
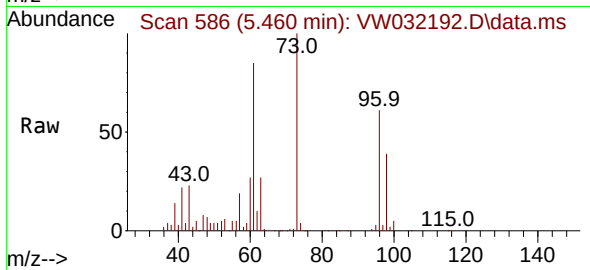




#19
Methyl tert-butyl Ether
Concen: 50.965 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

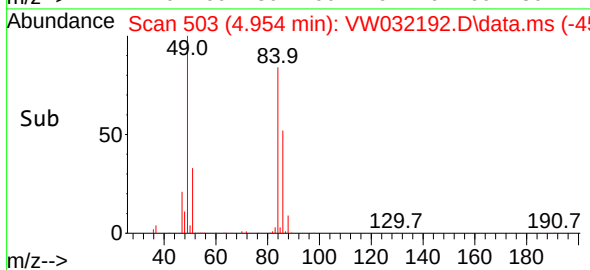
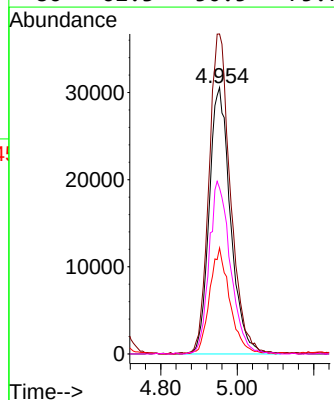
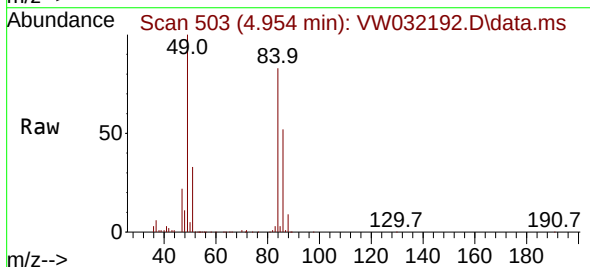
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

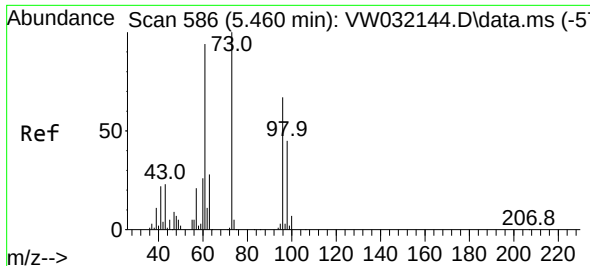
Tgt Ion: 73 Resp: 196795
Ion Ratio Lower Upper
73 100
57 19.4 16.2 24.4



#20
Methylene Chloride
Concen: 48.048 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 84 Resp: 118341
Ion Ratio Lower Upper
84 100
49 119.7 92.2 138.4
51 39.7 31.0 46.6
86 62.3 50.5 75.7

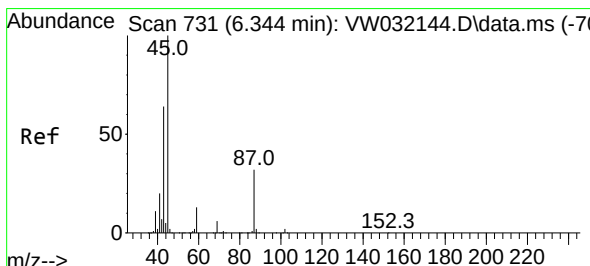
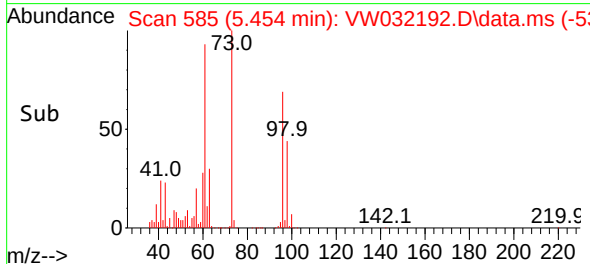
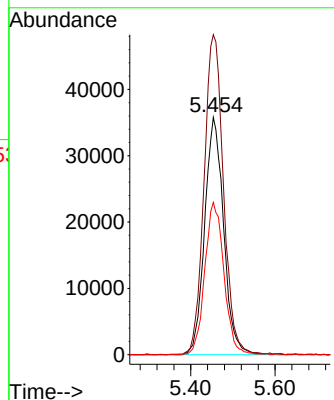
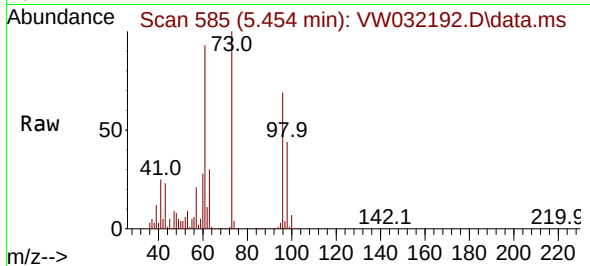




#21
trans-1,2-Dichloroethene
Concen: 48.979 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

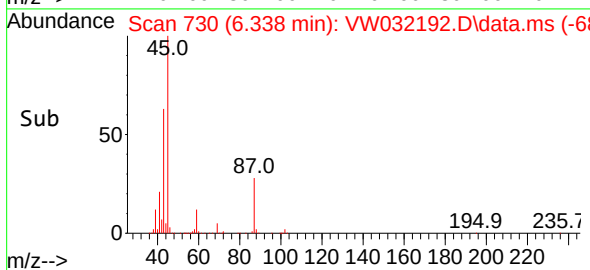
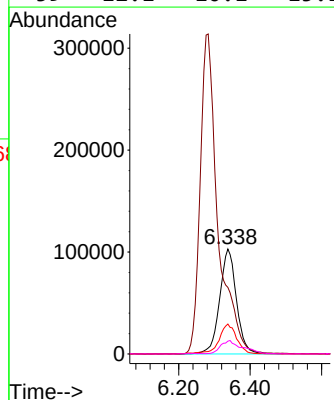
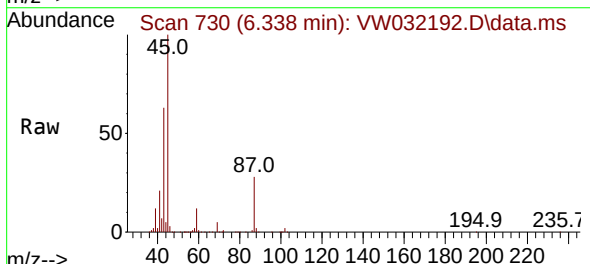
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

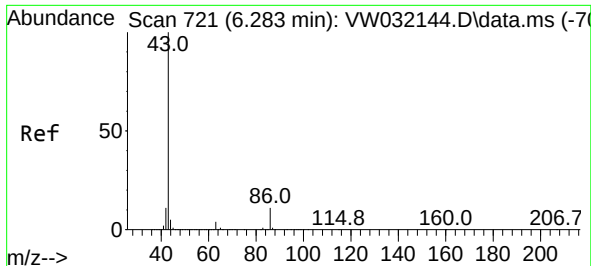
Tgt Ion: 96 Resp: 111882
Ion Ratio Lower Upper
96 100
61 134.6 112.5 168.7
98 64.2 54.2 81.4



#22
Diisopropyl ether
Concen: 53.025 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 45 Resp: 335202
Ion Ratio Lower Upper
45 100
43 63.4 51.4 77.2
87 28.3 25.9 38.9
59 12.1 10.1 15.1

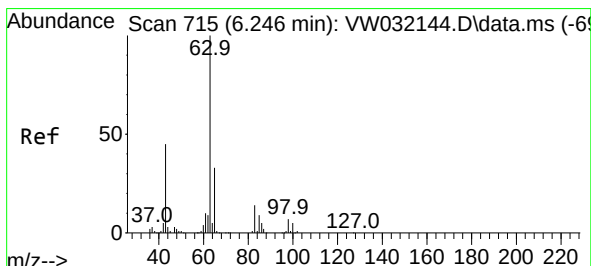
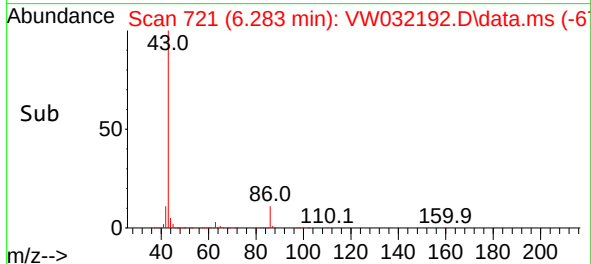
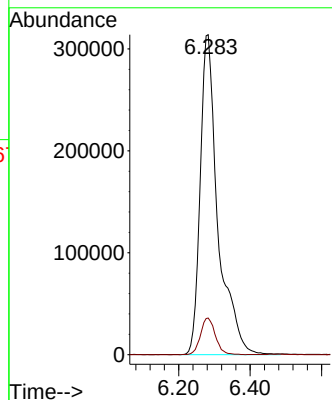
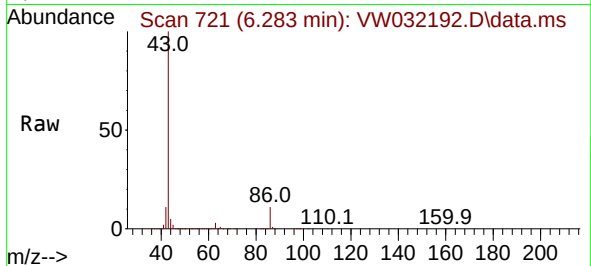




#23
 Vinyl Acetate
 Concen: 251.229 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

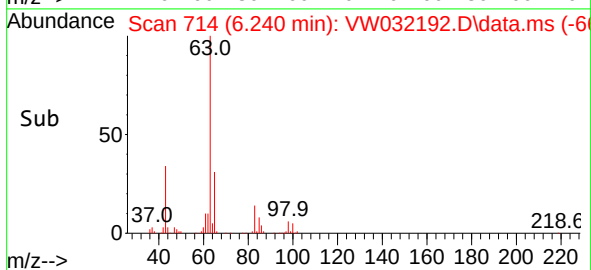
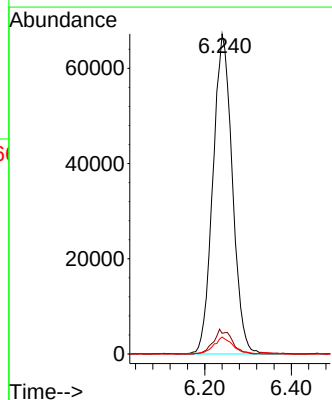
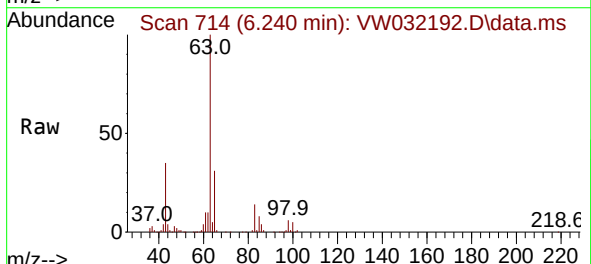
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

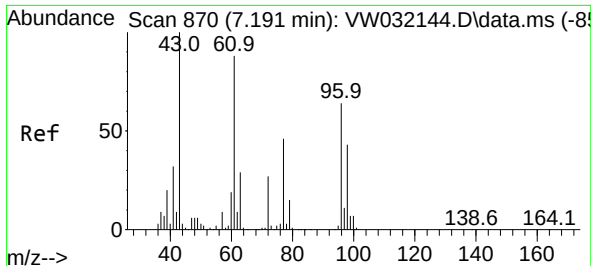
Tgt Ion: 43 Resp: 1079786
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 50.576 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

Tgt Ion: 63 Resp: 209313
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 5.3 2.5 7.5

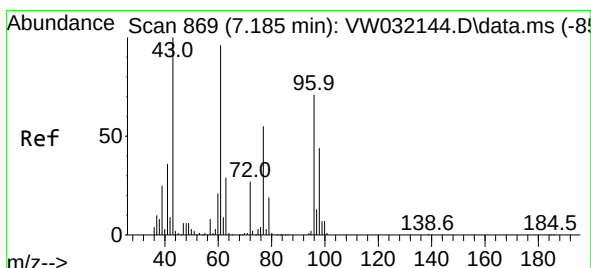
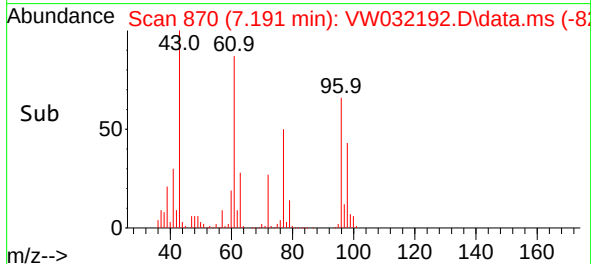
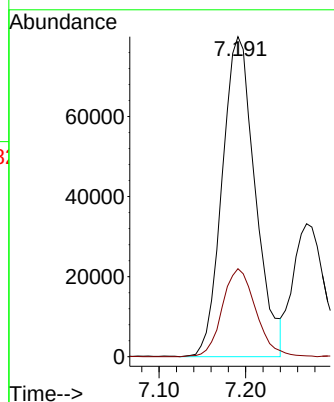
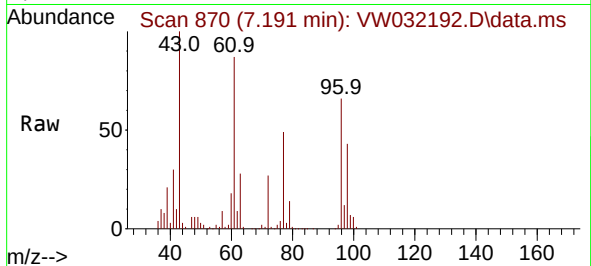




#25
2-Butanone
Concen: 249.596 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

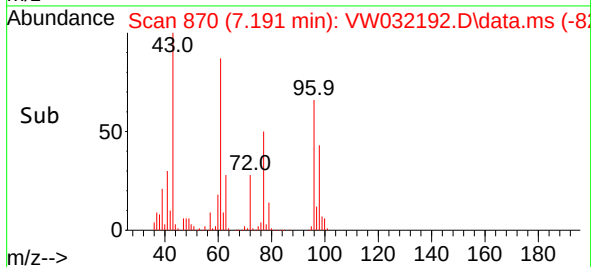
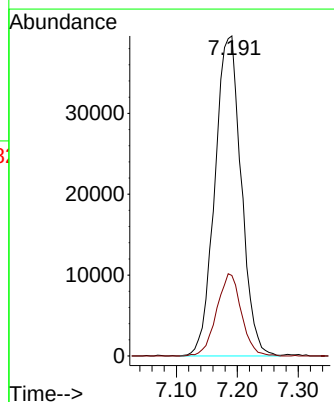
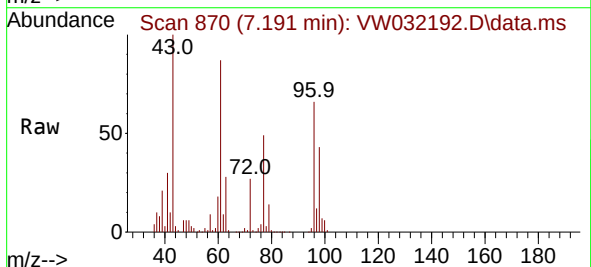
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

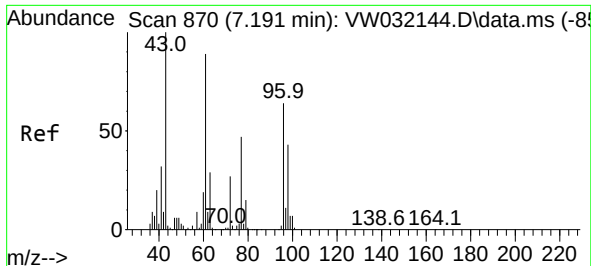
Tgt Ion: 43 Resp: 211946
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 54.314 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 77 Resp: 119036
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5



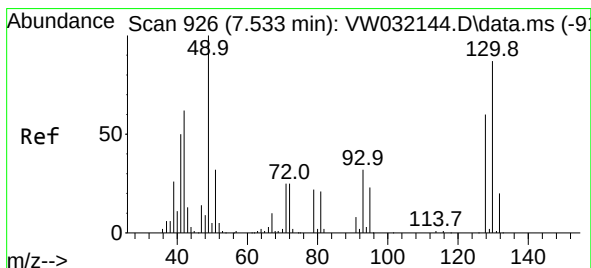
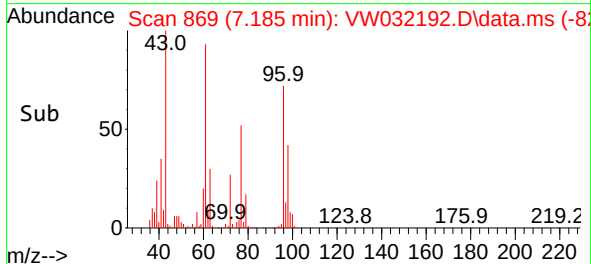
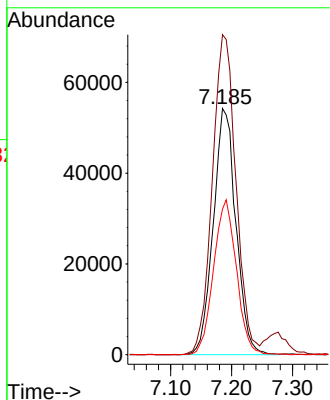
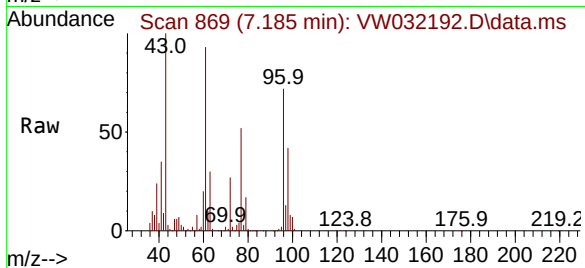


#27
 cis-1,2-Dichloroethene
 Concen: 50.399 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 140092

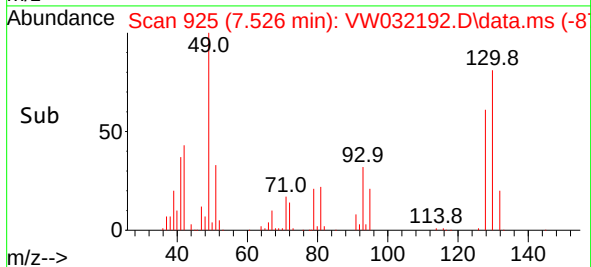
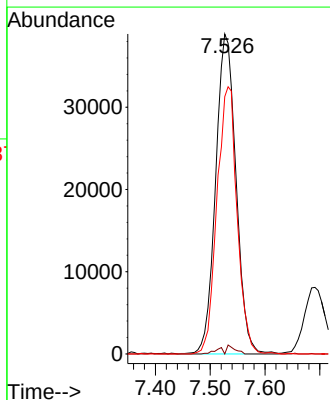
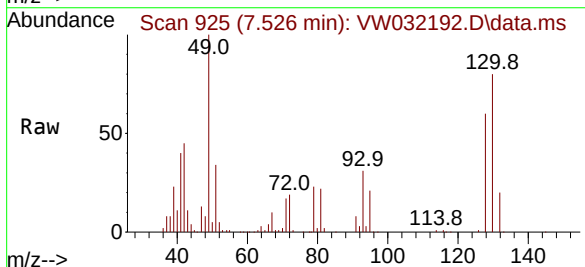
Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	268.0
98	63.7	0.0	130.8

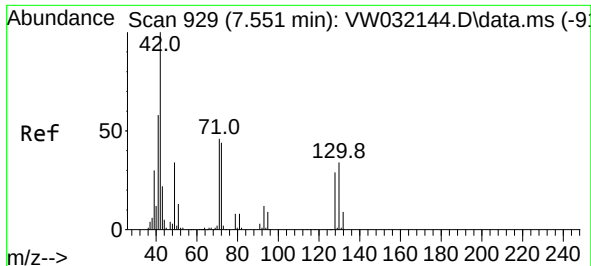


#28
 Bromochloromethane
 Concen: 53.075 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

Tgt Ion: 49 Resp: 100551

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.2
130	0.0	67.5	101.3

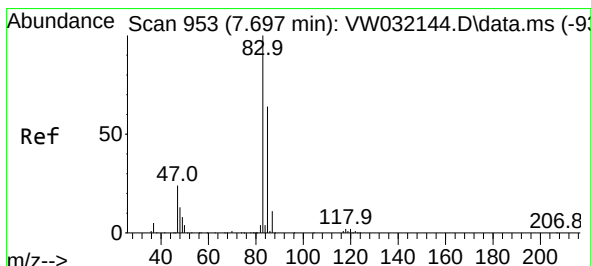
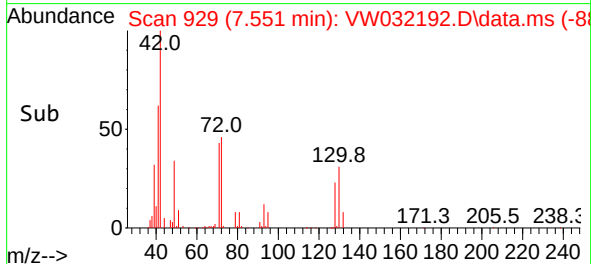
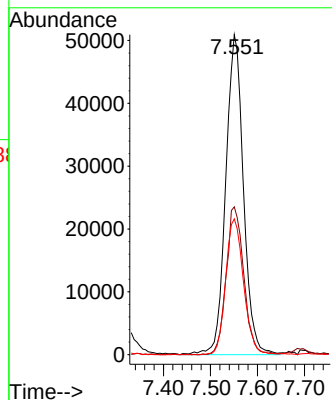
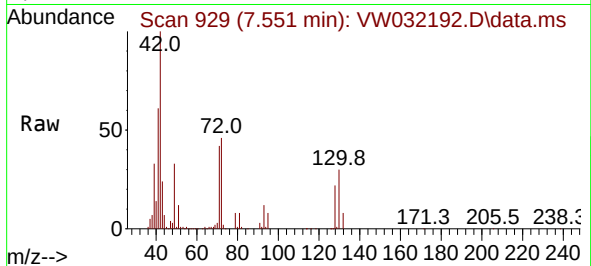




#29
Tetrahydrofuran
Concen: 247.808 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

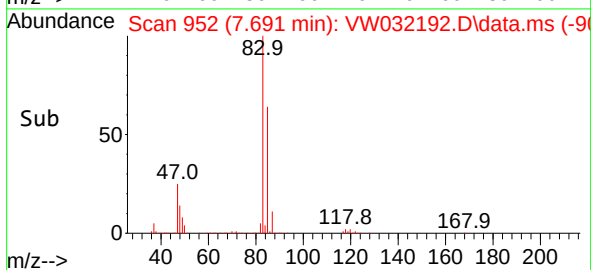
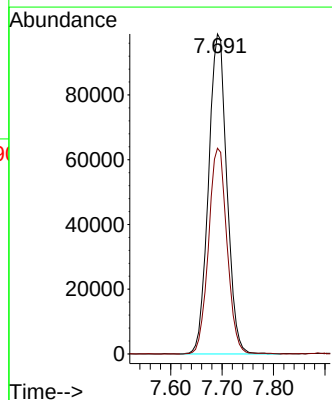
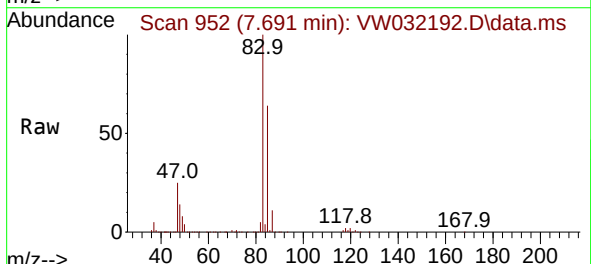
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

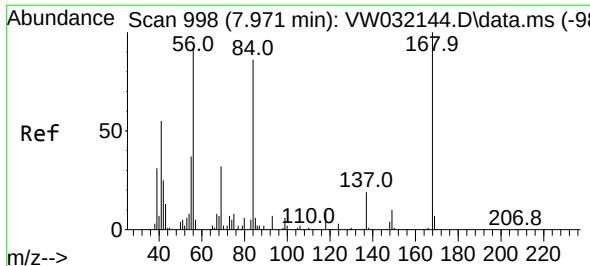
Tgt Ion: 42 Resp: 133719
Ion Ratio Lower Upper
42 100
72 45.9 37.4 56.2
71 42.9 36.0 54.0



#30
Chloroform
Concen: 51.934 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 83 Resp: 245395
Ion Ratio Lower Upper
83 100
85 64.3 51.2 76.8

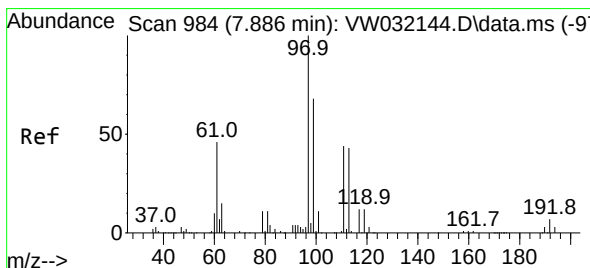
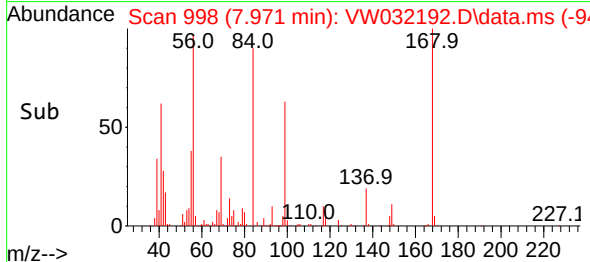
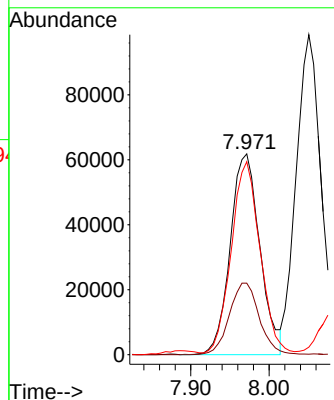
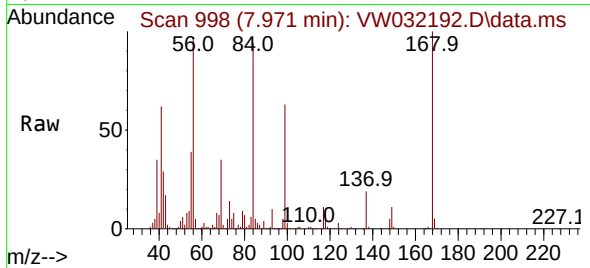




#31
Cyclohexane
Concen: 47.922 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

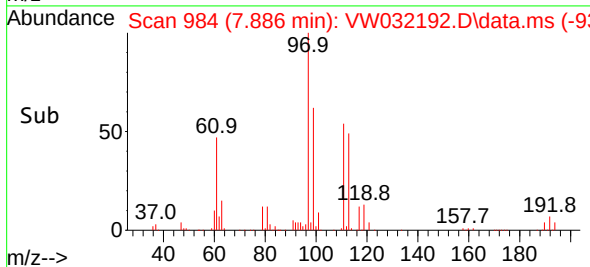
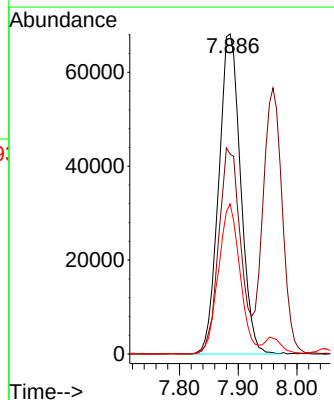
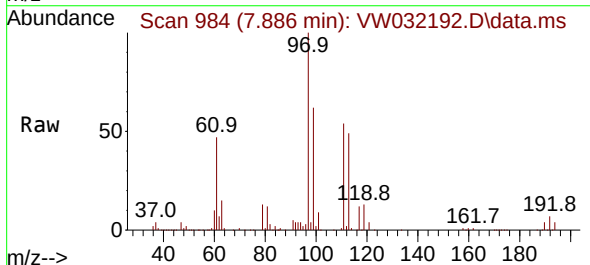
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

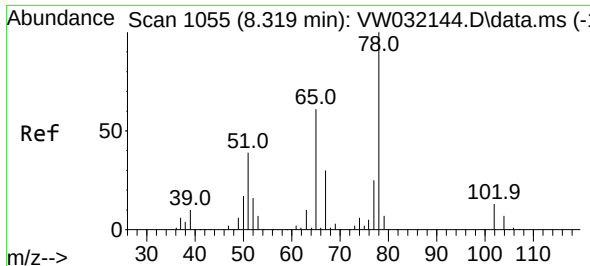
Tgt Ion: 56 Resp: 162783
Ion Ratio Lower Upper
56 100
69 35.6 27.7 41.5
84 94.1 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 51.218 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 97 Resp: 176668
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 46.4 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.388 ug/l

RT: 8.313 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

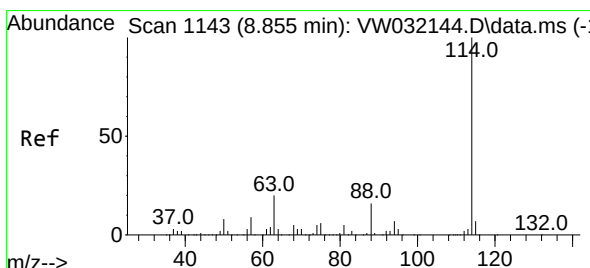
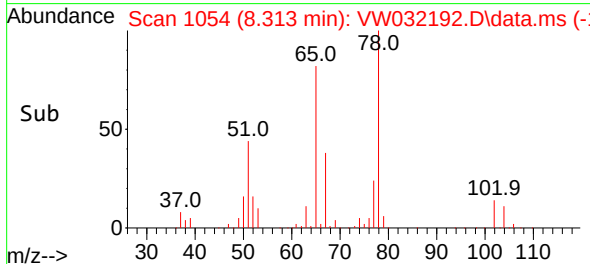
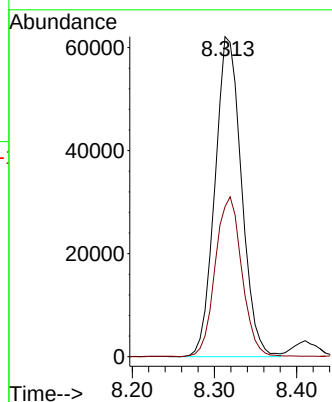
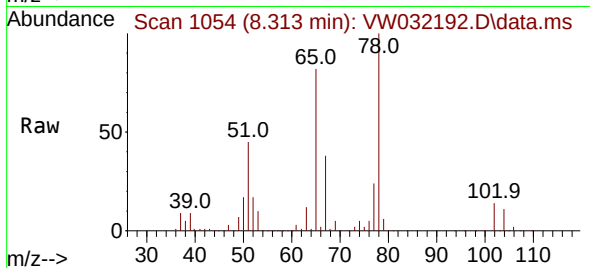
VSTDCCC050

Tgt Ion: 65 Resp: 139424

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

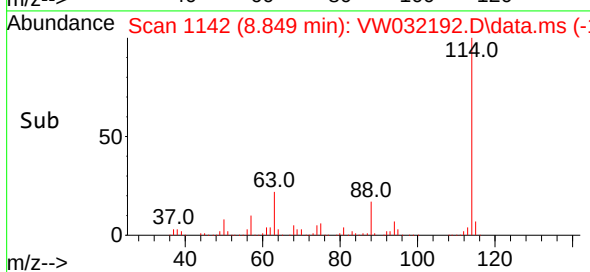
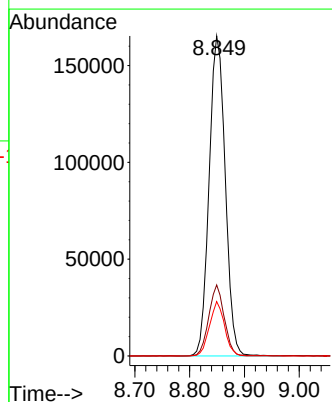
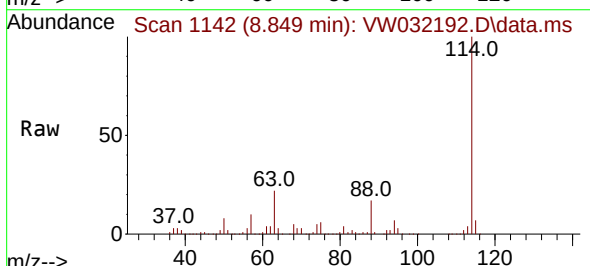
Tgt Ion: 114 Resp: 336786

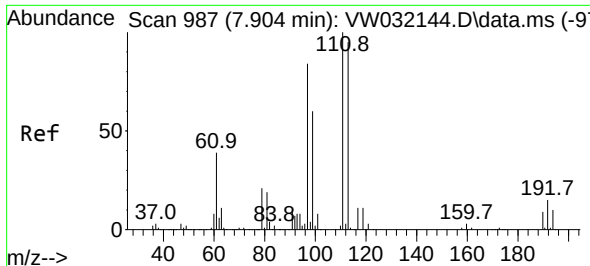
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.4

88 17.0 0.0 32.0

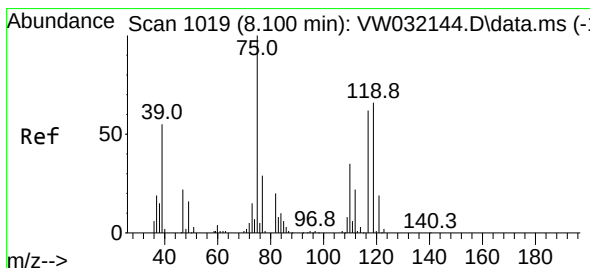
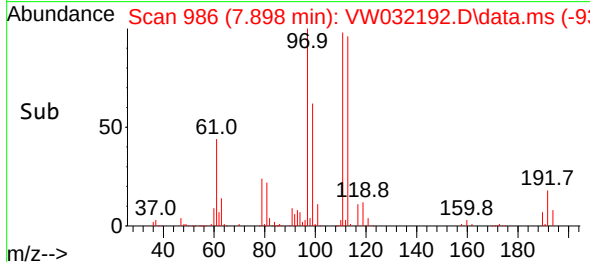
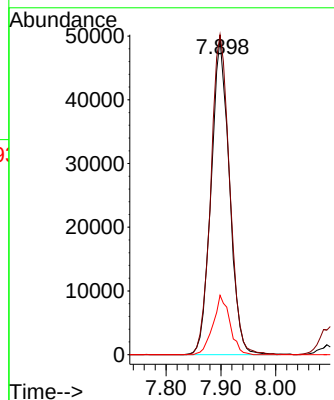
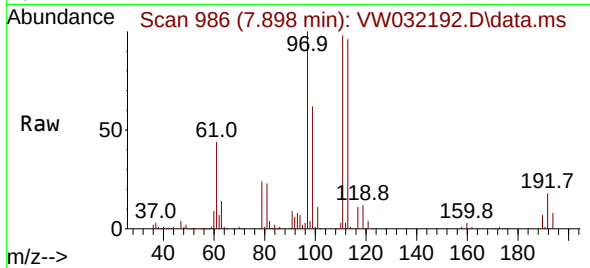




#35
 Dibromofluoromethane
 Concen: 48.470 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

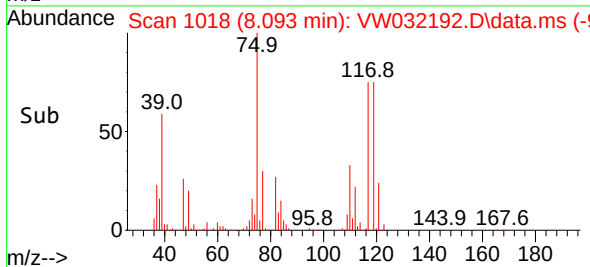
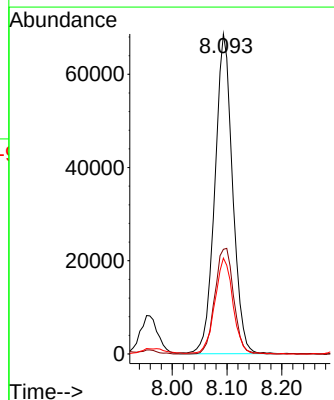
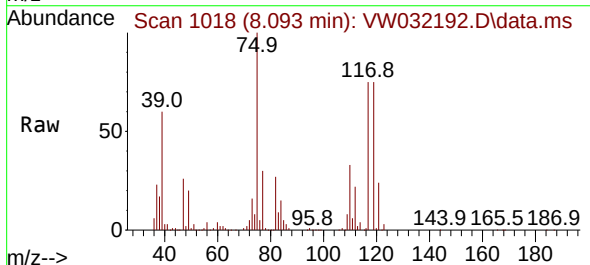
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

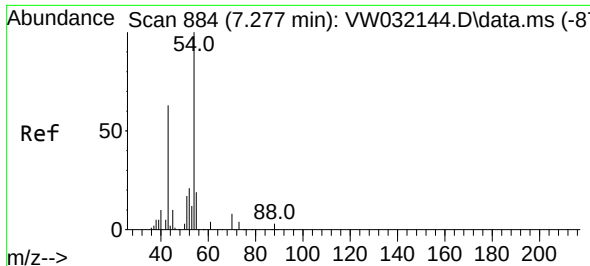
Tgt Ion:113 Resp: 114529
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.9 125.9
 192 17.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 50.288 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032192.D
 Acq: 18 Sep 2025 09:56

Tgt Ion: 75 Resp: 154065
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.5 52.5
 77 30.8 24.1 36.1

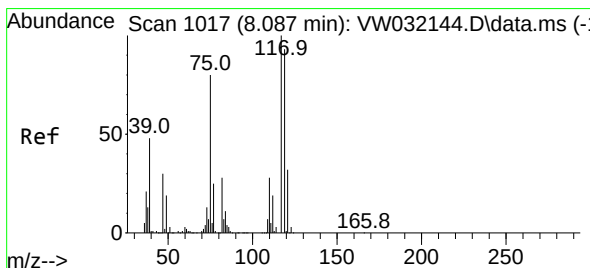
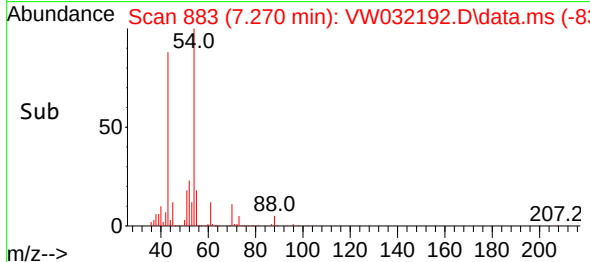
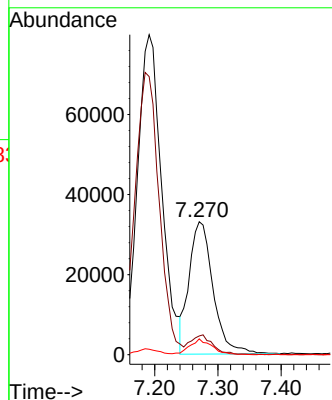
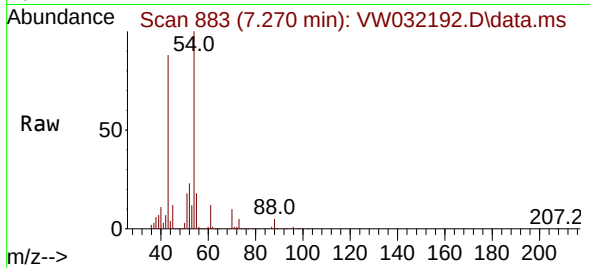




#37
Ethyl Acetate
Concen: 47.510 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

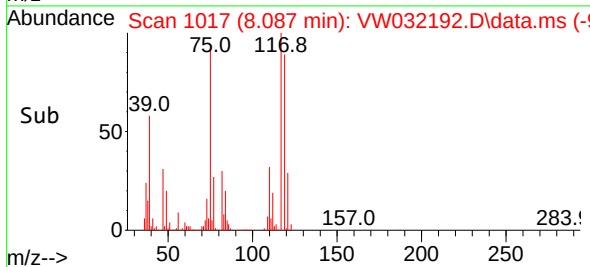
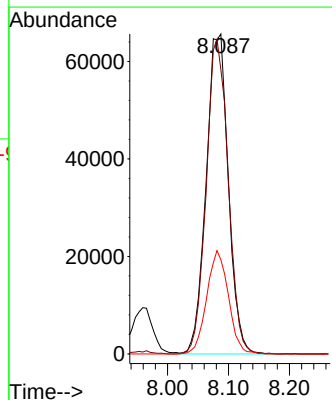
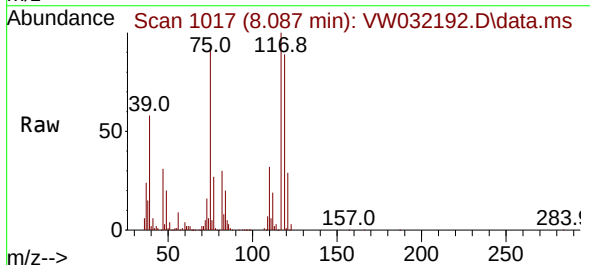
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

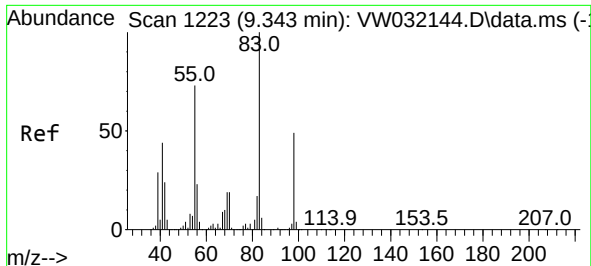
Tgt Ion: 43 Resp: 87316
Ion Ratio Lower Upper
43 100
61 13.0 11.3 16.9
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.694 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 117 Resp: 166492
Ion Ratio Lower Upper
117 100
119 88.9 74.2 111.2
121 29.5 25.6 38.4

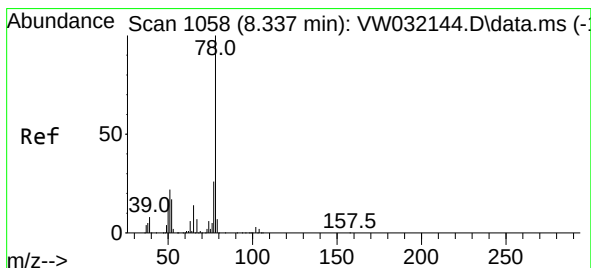
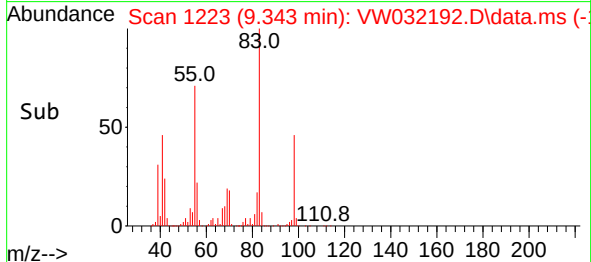
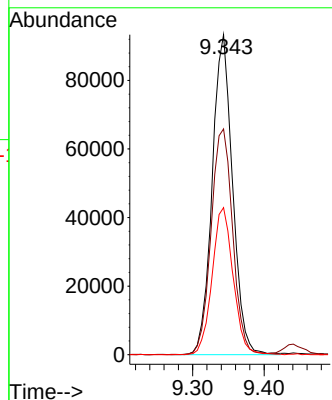
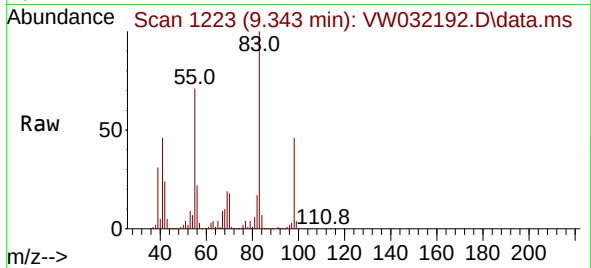




#39
Methylcyclohexane
Concen: 50.985 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

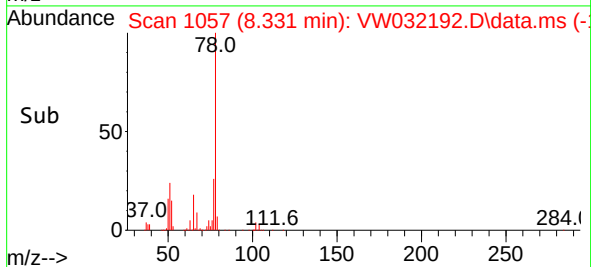
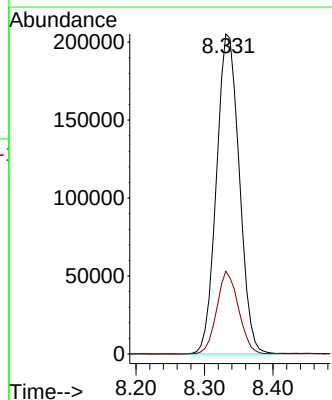
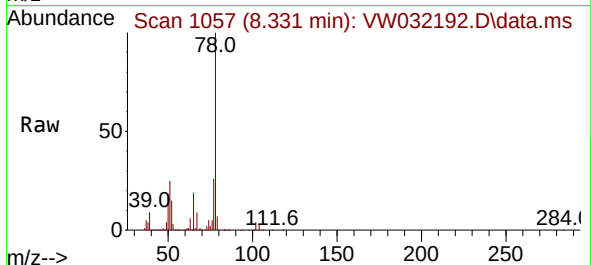
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

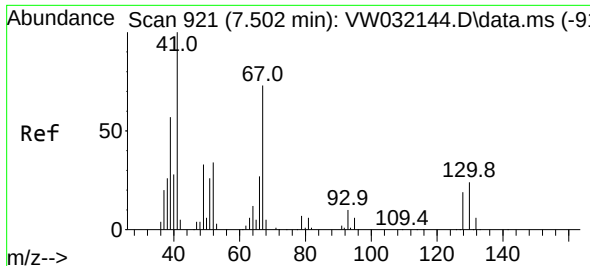
Tgt Ion: 83 Resp: 185011
Ion Ratio Lower Upper
83 100
55 70.5 58.4 87.6
98 45.9 39.4 59.2



#40
Benzene
Concen: 50.076 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 78 Resp: 474223
Ion Ratio Lower Upper
78 100
77 25.8 20.7 31.1

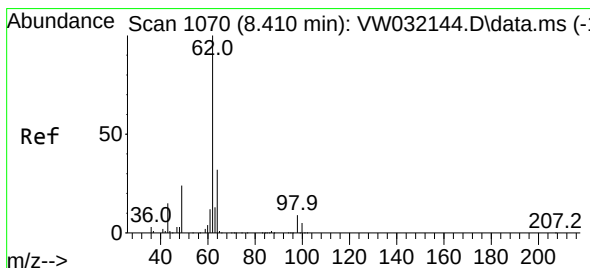
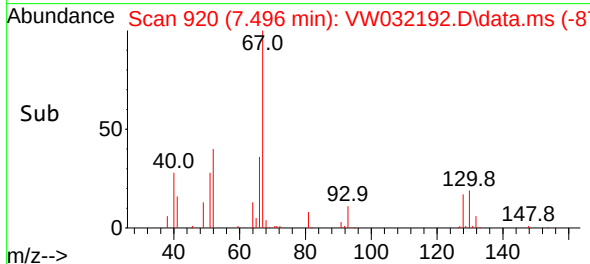
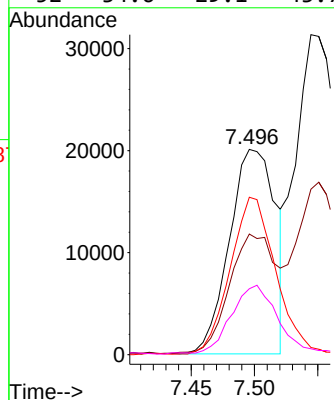
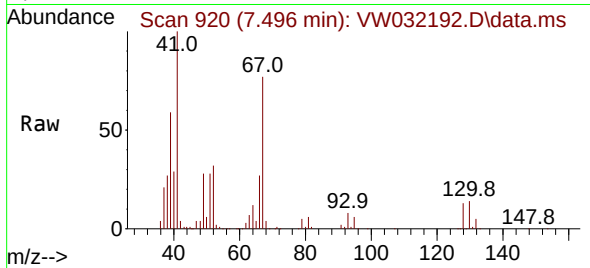




#41
Methacrylonitrile
Concen: 49.875 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

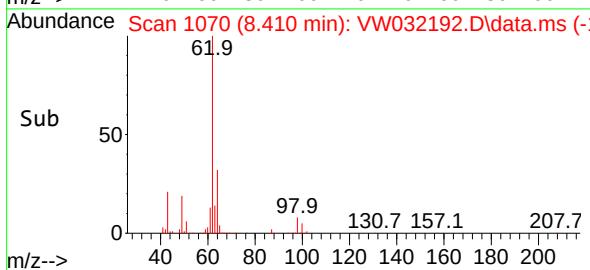
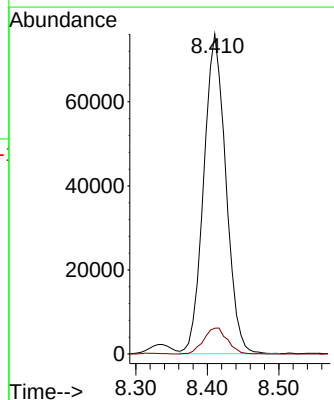
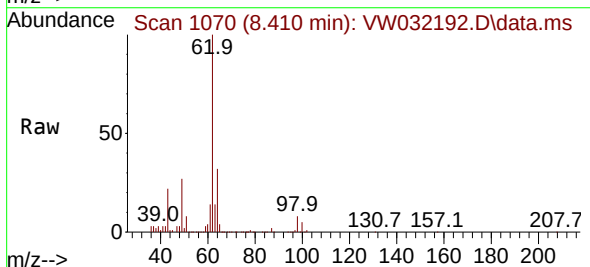
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

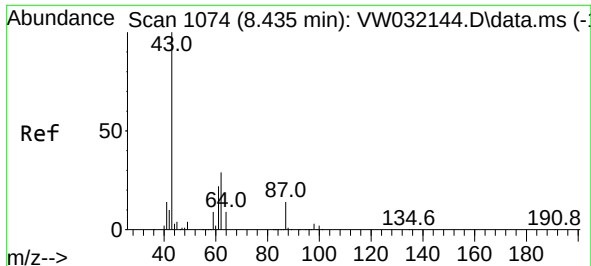
Tgt Ion:	41	Resp:	50926
Ion	Ratio	Lower	Upper
41	100		
39	58.8	50.9	76.3
67	75.9	65.6	98.4
52	34.6	29.1	43.7



#42
1,2-Dichloroethane
Concen: 49.864 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion:	62	Resp:	163701
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

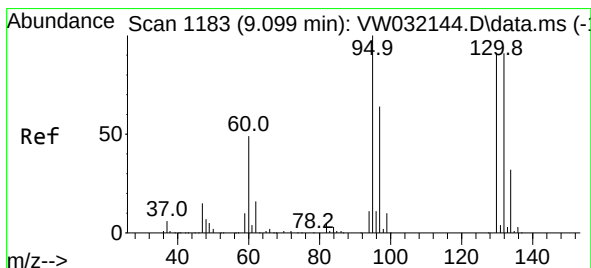
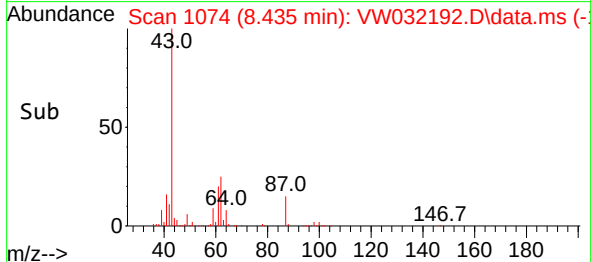
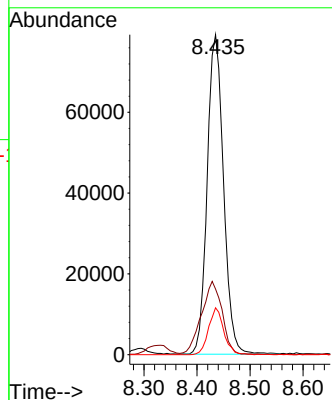
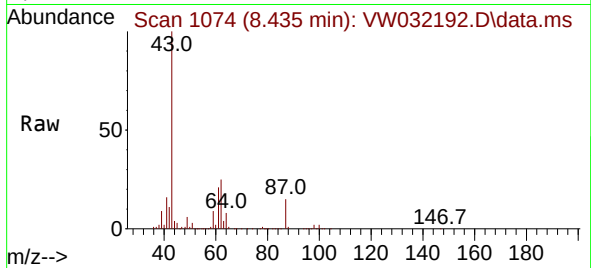




#43
Isopropyl Acetate
Concen: 49.129 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

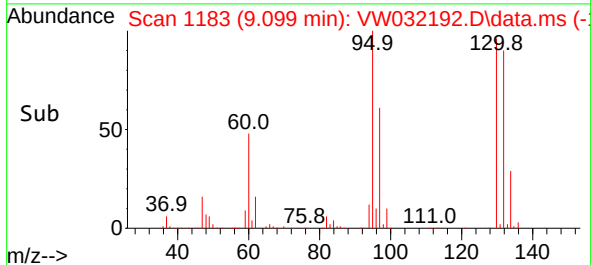
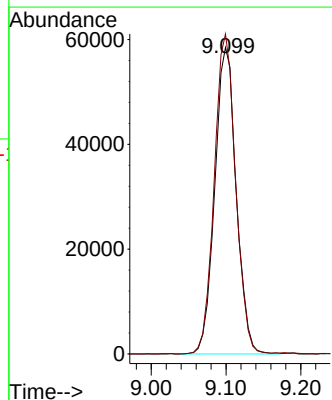
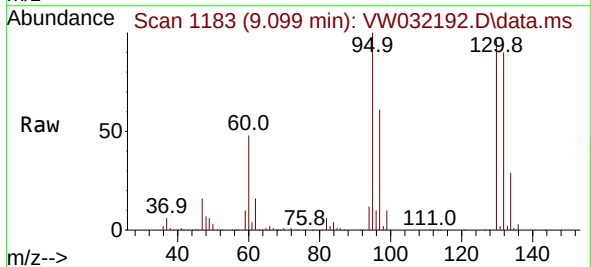
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

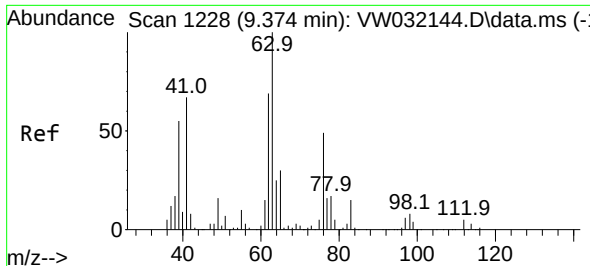
Tgt Ion: 43 Resp: 169389
Ion Ratio Lower Upper
43 100
61 29.0 23.3 34.9
87 13.6 11.1 16.7



#44
Trichloroethene
Concen: 48.984 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 130 Resp: 116657
Ion Ratio Lower Upper
130 100
95 104.4 0.0 220.0

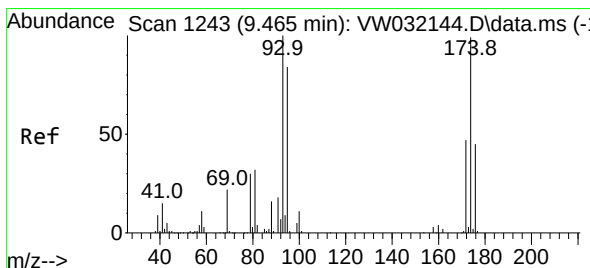
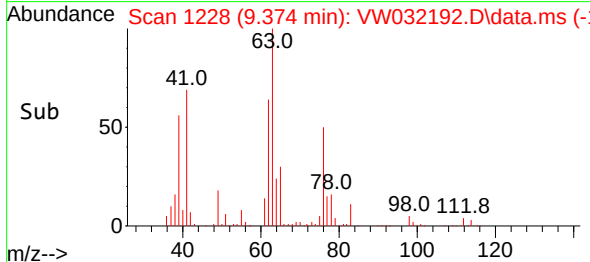
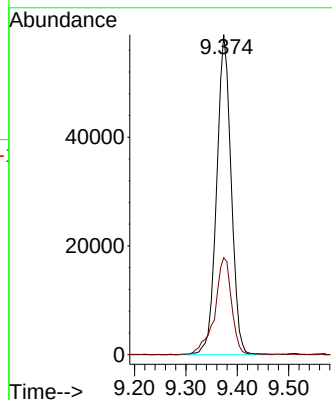
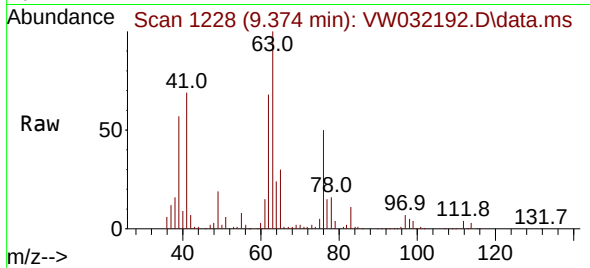




#45
1,2-Dichloropropane
Concen: 50.549 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

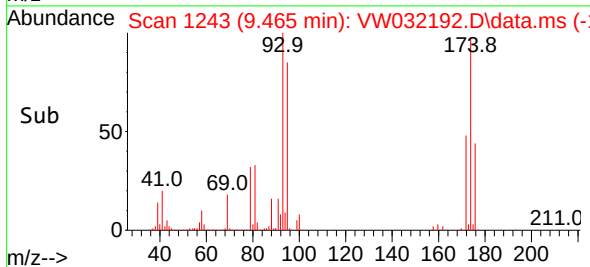
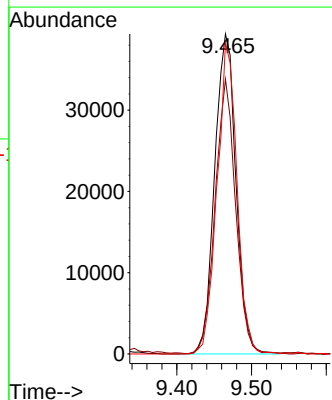
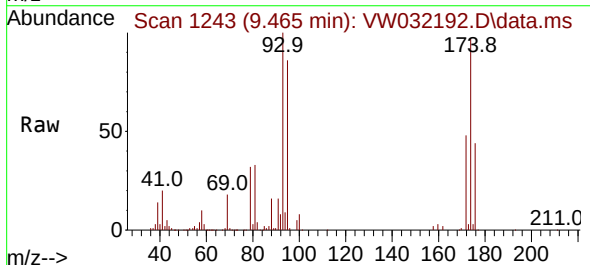
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

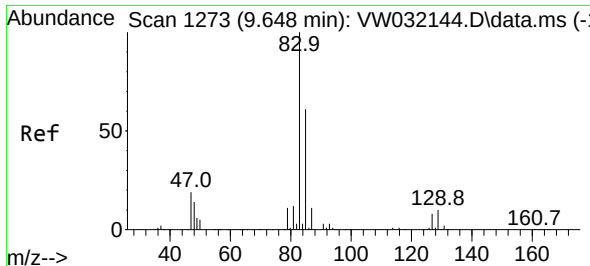
Tgt Ion: 63 Resp: 115397
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5



#46
Dibromomethane
Concen: 48.817 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 93 Resp: 78166
Ion Ratio Lower Upper
93 100
95 82.8 67.4 101.2
174 91.2 75.7 113.5

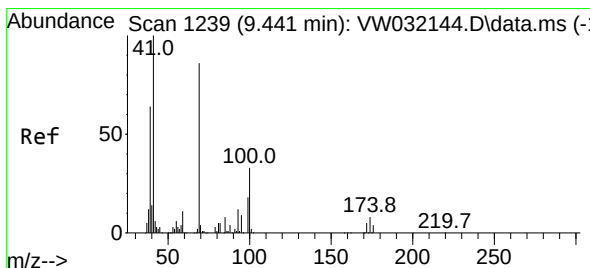
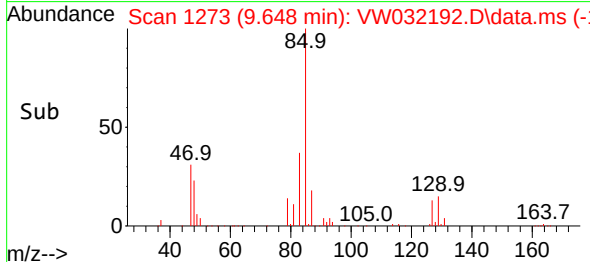
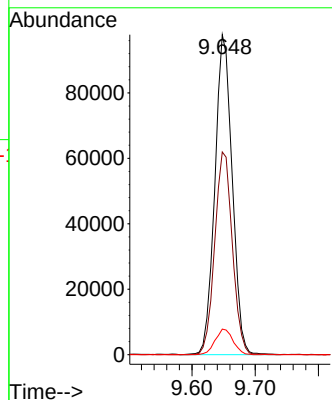
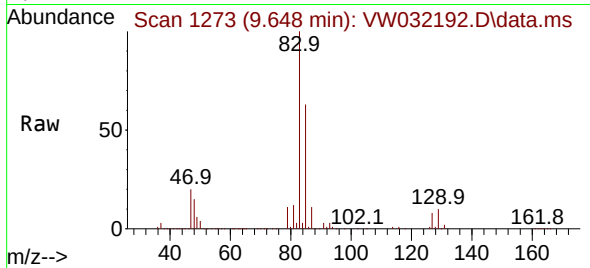




#47
Bromodichloromethane
Concen: 51.117 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

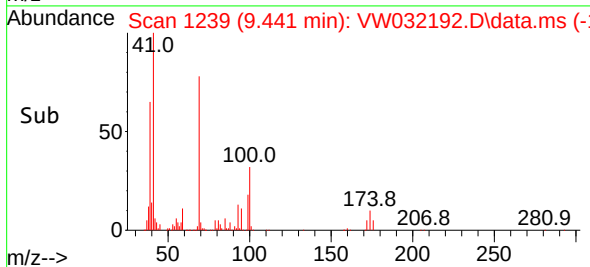
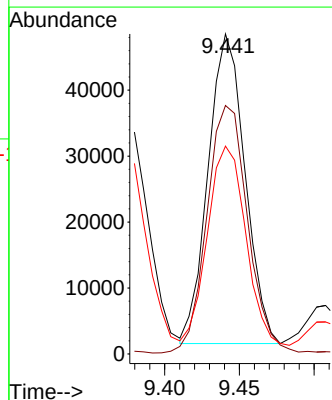
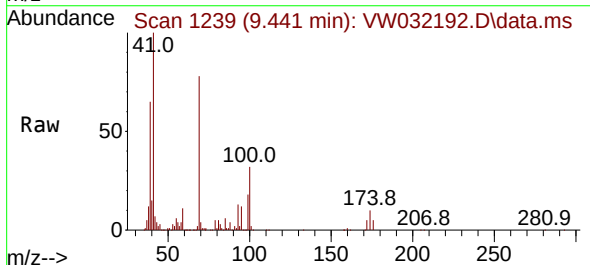
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

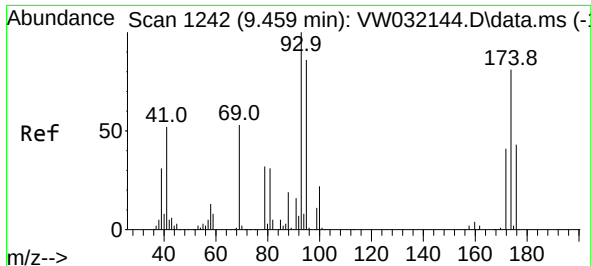
Tgt Ion: 83 Resp: 186000
Ion Ratio Lower Upper
83 100
85 63.4 48.7 73.1
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 50.592 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 41 Resp: 80387
Ion Ratio Lower Upper
41 100
69 89.3 71.5 107.3
39 67.0 55.9 83.9





#49

1,4-Dioxane

Concen: 922.143 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

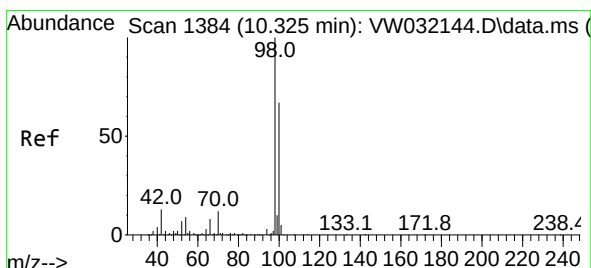
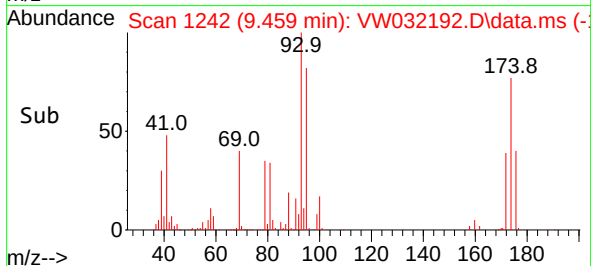
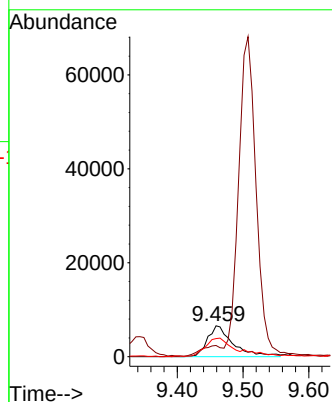
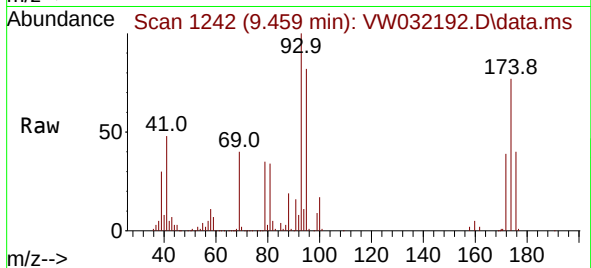
Tgt Ion: 88 Resp: 17840

Ion Ratio Lower Upper

88 100

43 29.2 18.0 27.0#

58 69.2 55.4 83.0



#50

Toluene-d8

Concen: 50.601 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032192.D

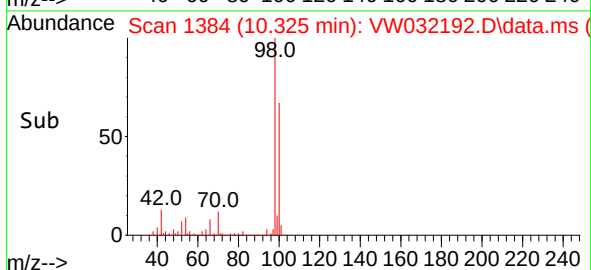
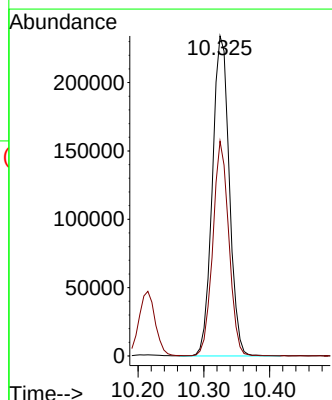
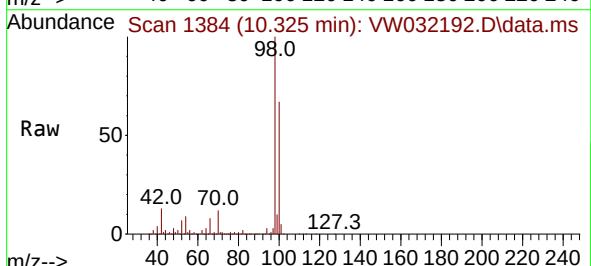
Acq: 18 Sep 2025 09:56

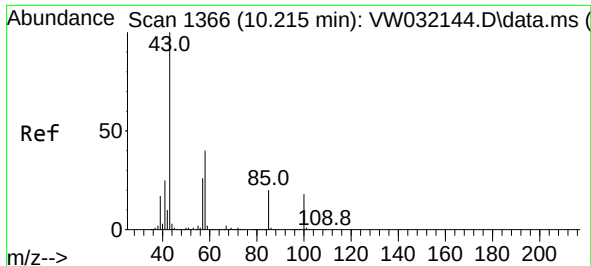
Tgt Ion: 98 Resp: 419729

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2

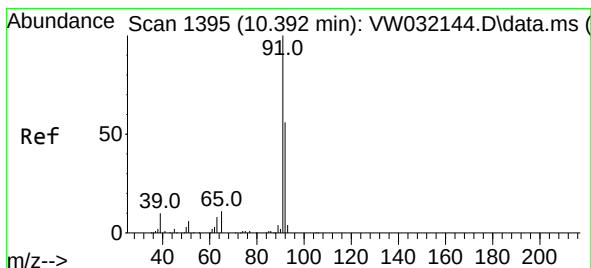
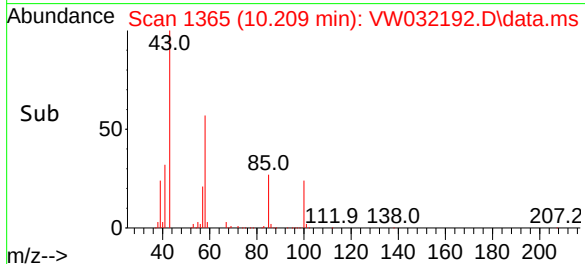
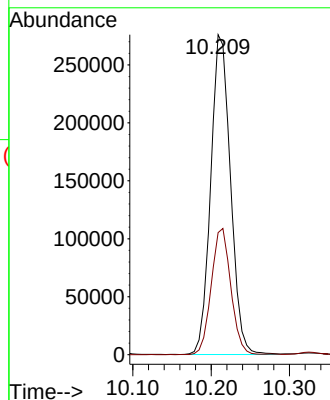
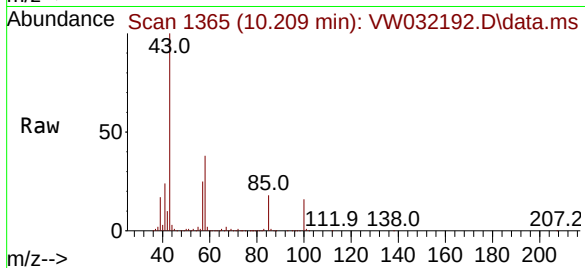




#51
4-Methyl-2-Pentanone
Concen: 248.606 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

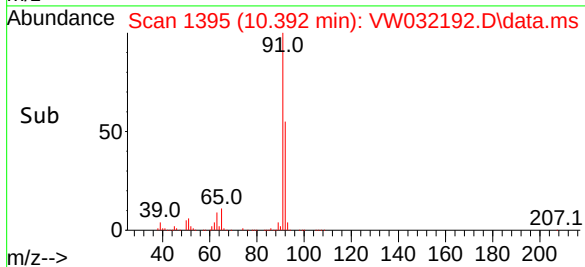
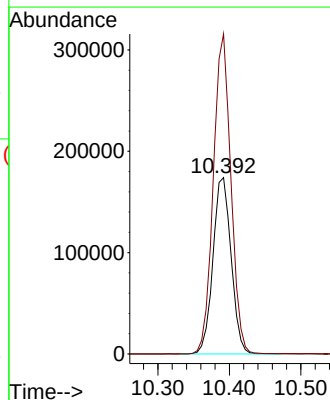
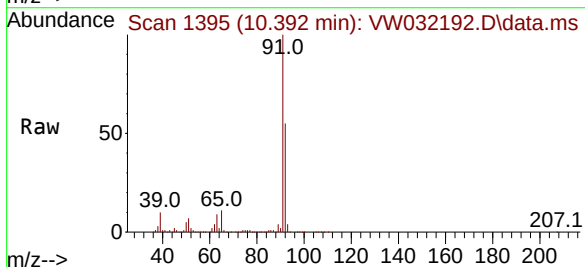
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

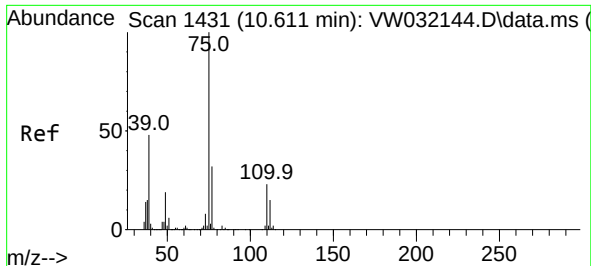
Tgt Ion: 43 Resp: 483993
Ion Ratio Lower Upper
43 100
58 39.2 32.0 48.0



#52
Toluene
Concen: 49.501 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 92 Resp: 306336
Ion Ratio Lower Upper
92 100
91 176.1 137.5 206.3

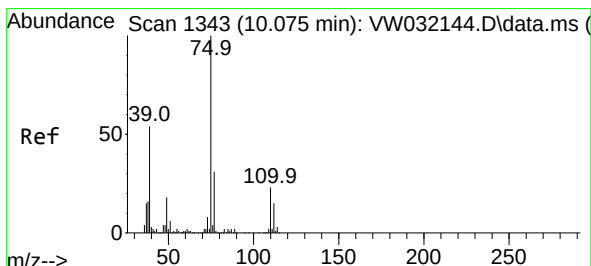
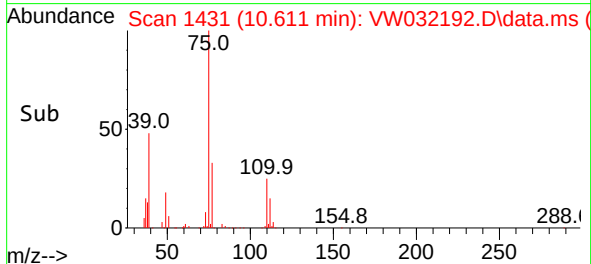
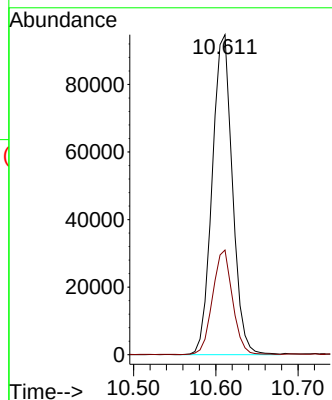
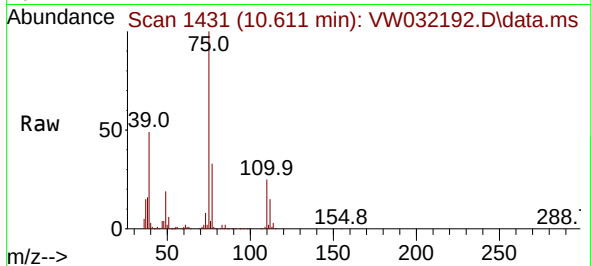




#53
t-1,3-Dichloropropene
Concen: 50.489 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

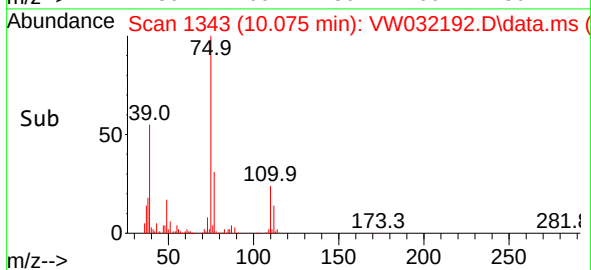
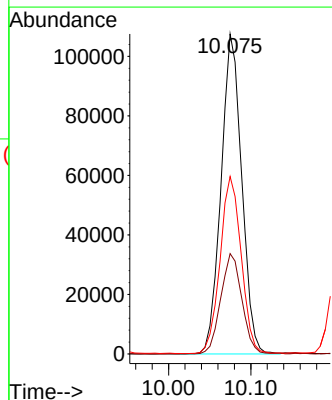
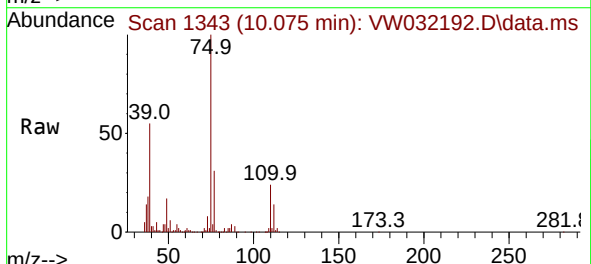
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

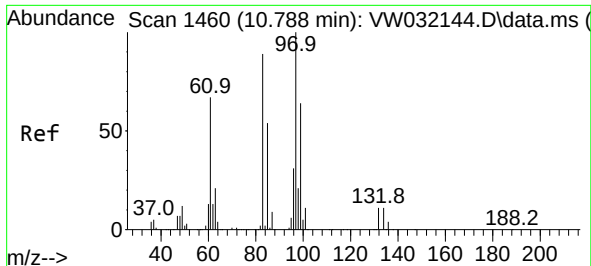
Tgt Ion: 75 Resp: 162068
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.360 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 75 Resp: 188113
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 55.3 43.2 64.8



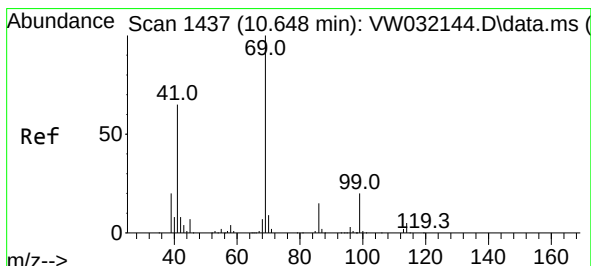
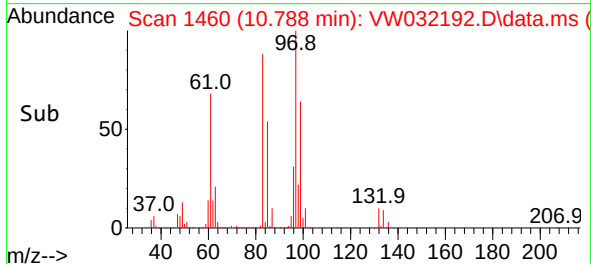
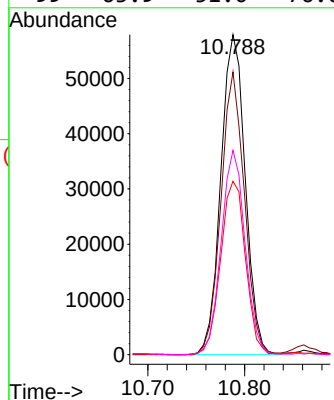
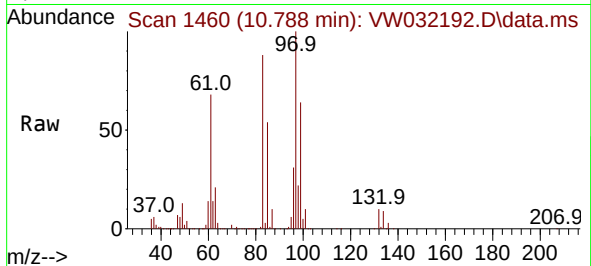


#55
1,1,2-Trichloroethane
Concen: 48.754 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 101514

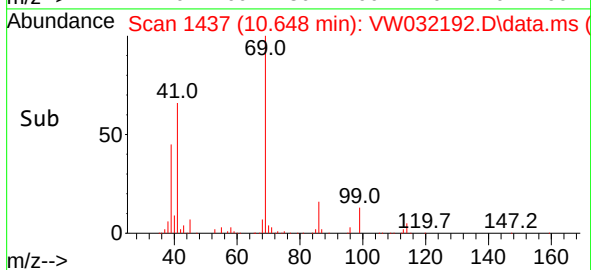
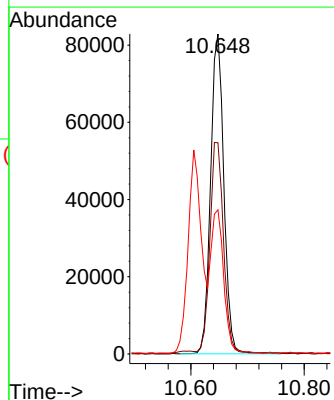
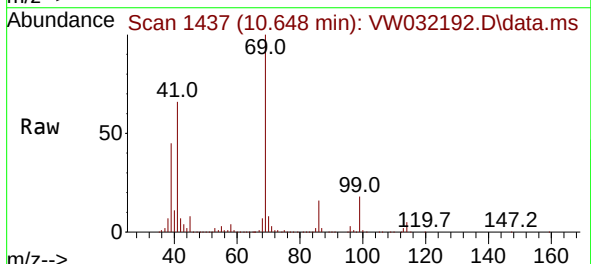
Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.0	106.6
85	54.2	42.8	64.2
99	63.9	51.0	76.6

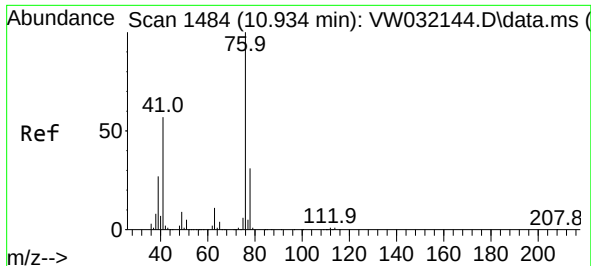


#56
Ethyl methacrylate
Concen: 50.333 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 69 Resp: 133985

Ion	Ratio	Lower	Upper
69	100		
41	67.4	53.2	79.8
39	42.7	32.9	49.3





#57

1,3-Dichloropropane

Concen: 48.600 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

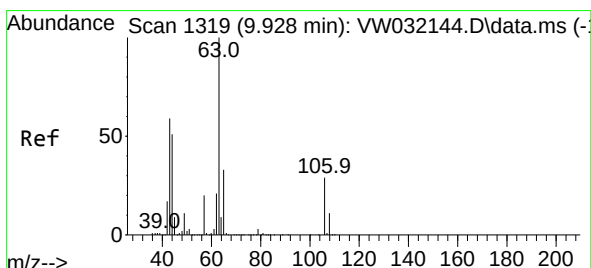
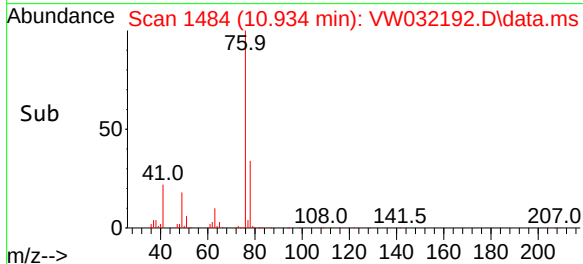
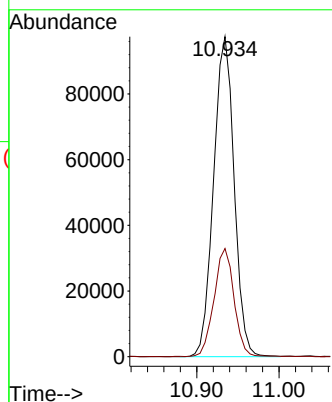
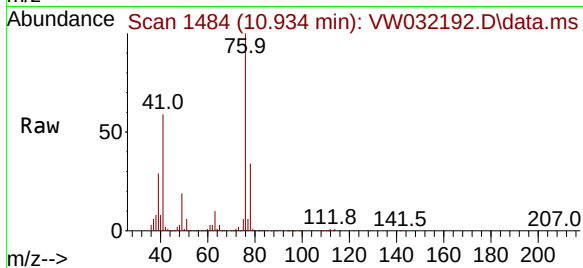
VSTDCCC050

Tgt Ion: 76 Resp: 169441

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 264.786 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032192.D

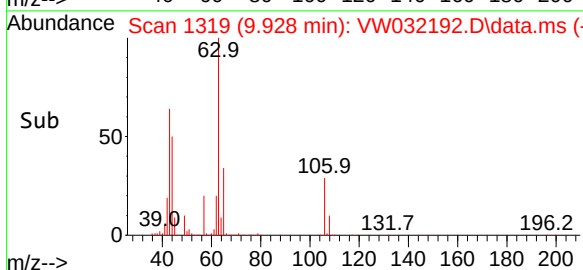
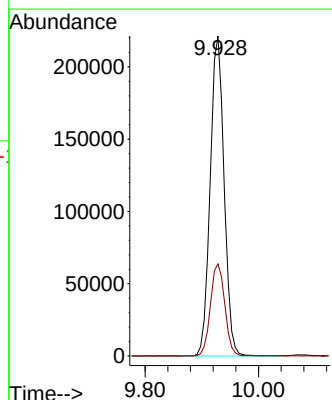
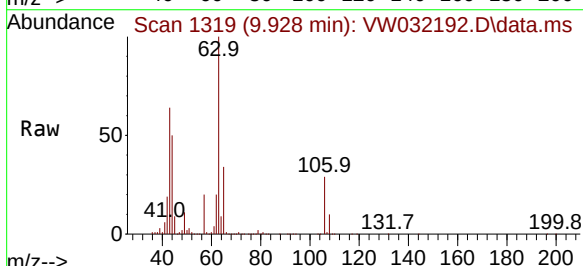
Acq: 18 Sep 2025 09:56

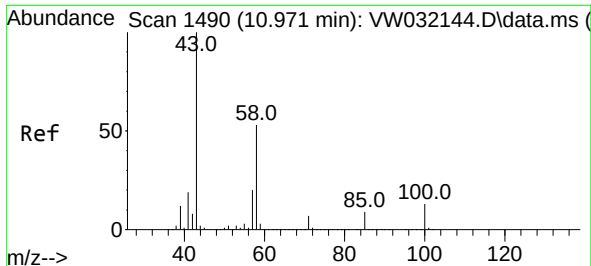
Tgt Ion: 63 Resp: 376216

Ion Ratio Lower Upper

63 100

106 29.7 24.3 36.5

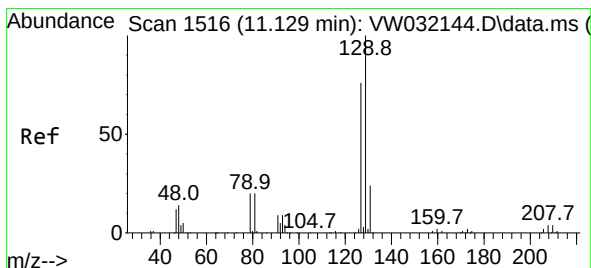
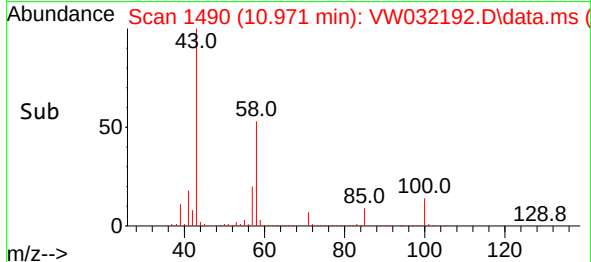
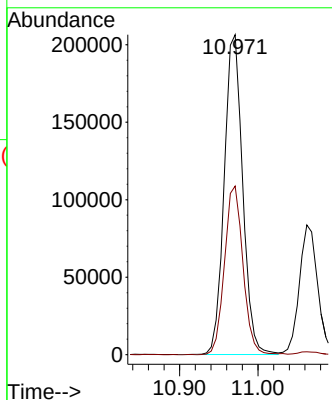
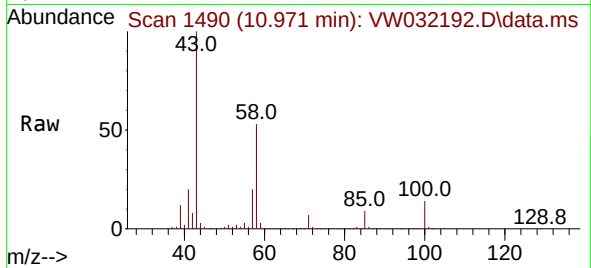




#59
2-Hexanone
Concen: 249.905 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

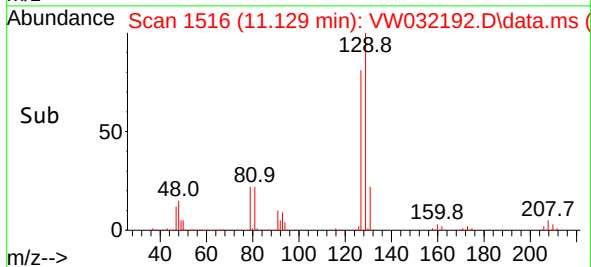
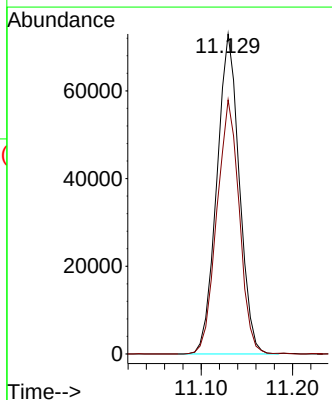
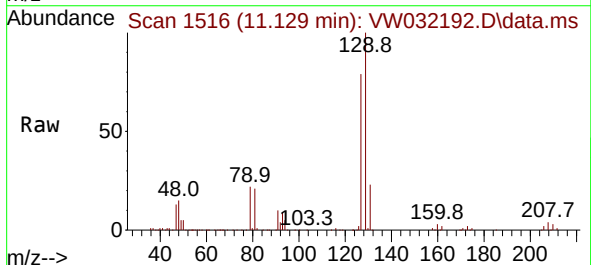
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

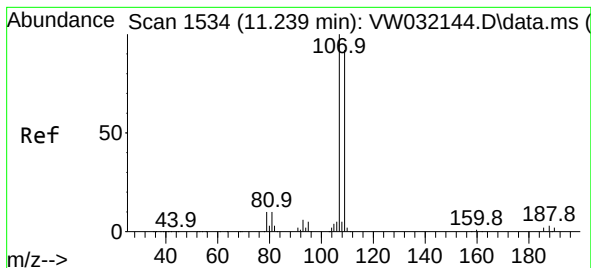
Tgt Ion: 43 Resp: 338363
Ion Ratio Lower Upper
43 100
58 52.9 27.5 82.4



#60
Dibromochloromethane
Concen: 49.500 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 129 Resp: 124716
Ion Ratio Lower Upper
129 100
127 79.2 38.1 114.5

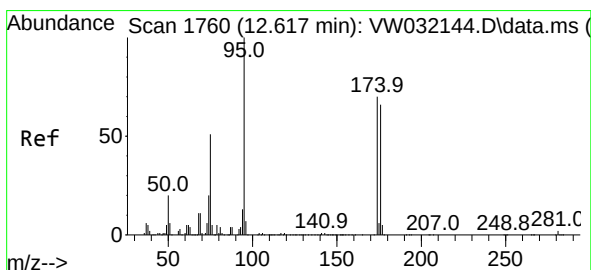
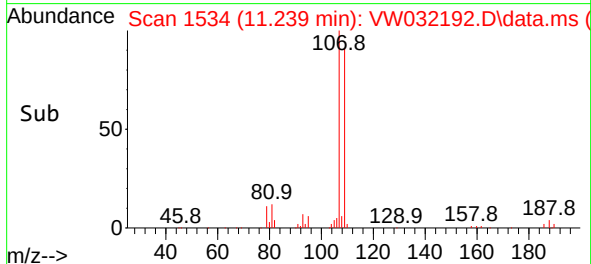
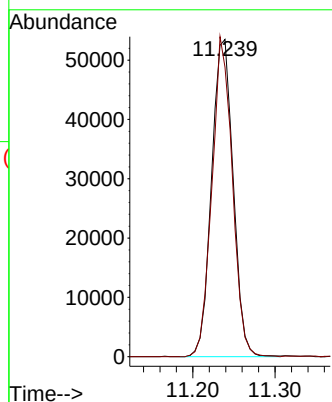
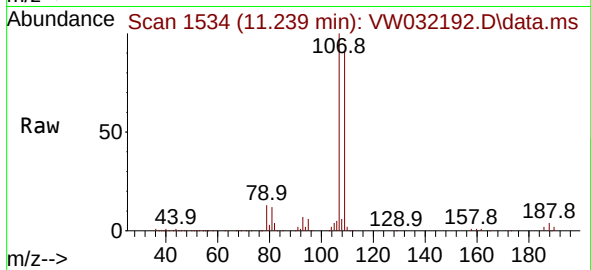




#61
1,2-Dibromoethane
Concen: 47.647 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

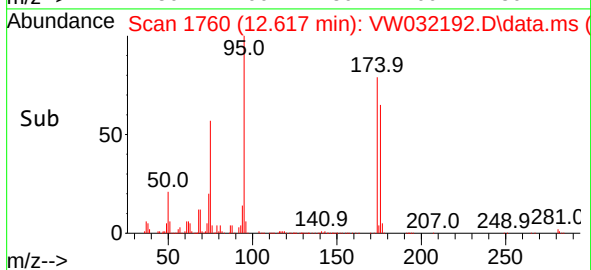
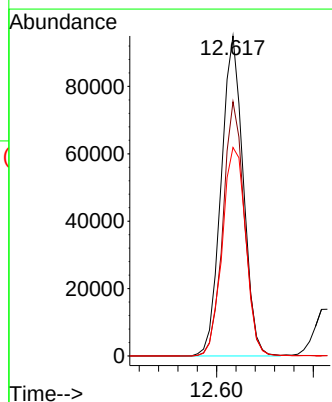
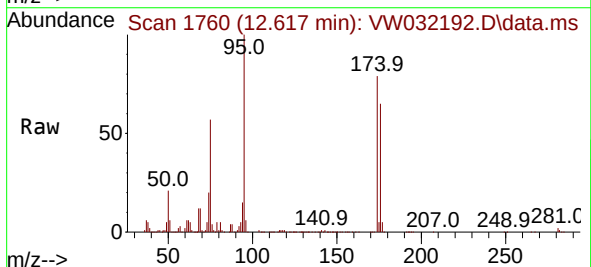
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

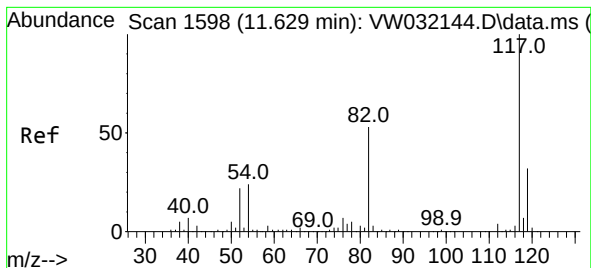
Tgt Ion:107 Resp: 97560
Ion Ratio Lower Upper
107 100
109 95.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 95 Resp: 150024
Ion Ratio Lower Upper
95 100
174 77.1 0.0 145.6
176 69.5 0.0 140.8

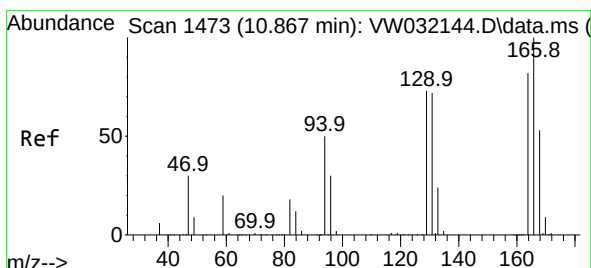
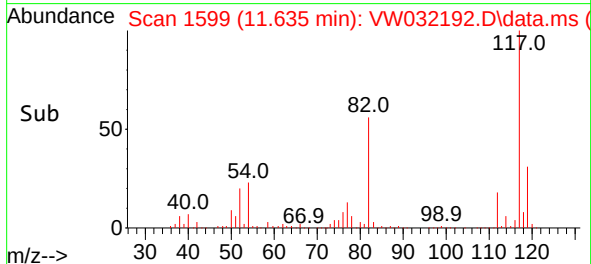
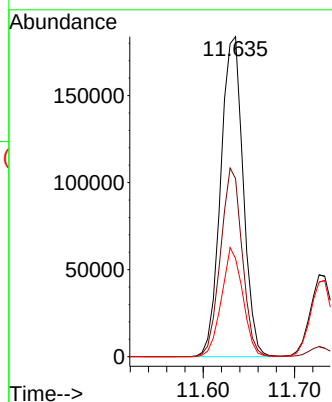
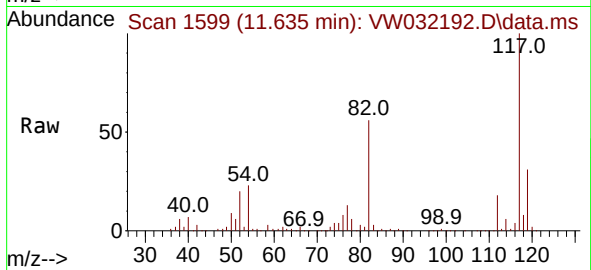




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

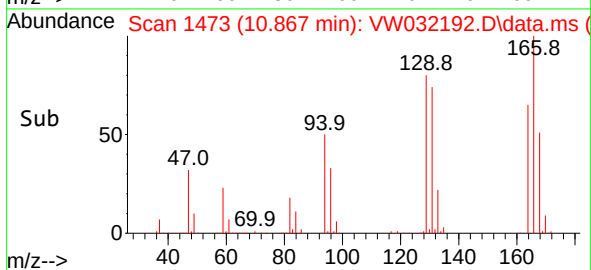
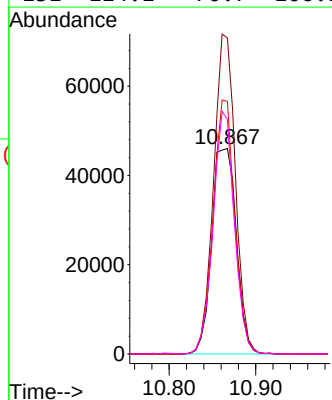
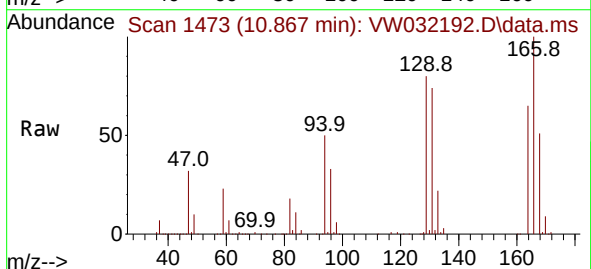
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

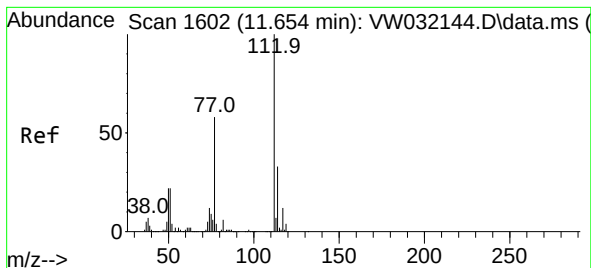
Tgt Ion:117 Resp: 314172
Ion Ratio Lower Upper
117 100
82 55.6 42.7 64.1
119 30.6 25.2 37.8



#64
Tetrachloroethene
Concen: 44.043 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion:164 Resp: 91071
Ion Ratio Lower Upper
164 100
166 153.8 97.5 146.3#
129 123.0 71.2 106.8#
131 114.1 70.7 106.1#





#65

Chlorobenzene

Concen: 47.343 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

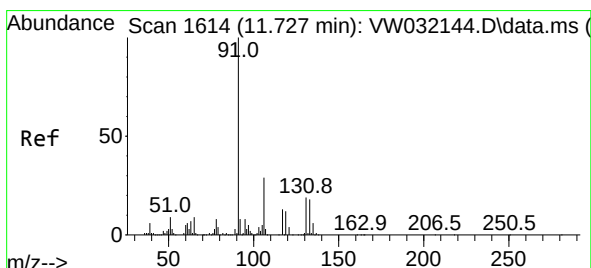
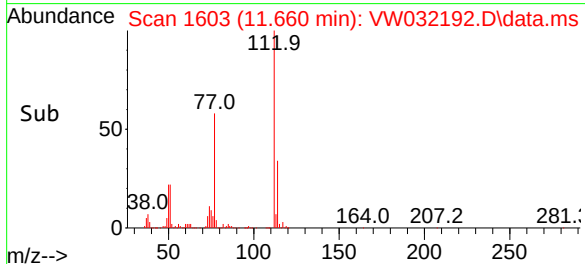
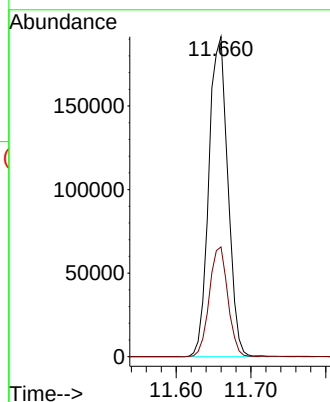
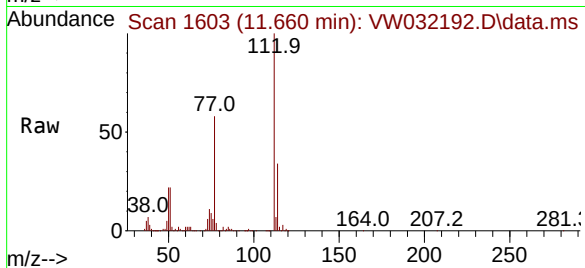
VSTDCCC050

Tgt Ion:112 Resp: 338550

Ion Ratio Lower Upper

112 100

114 34.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 49.881 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

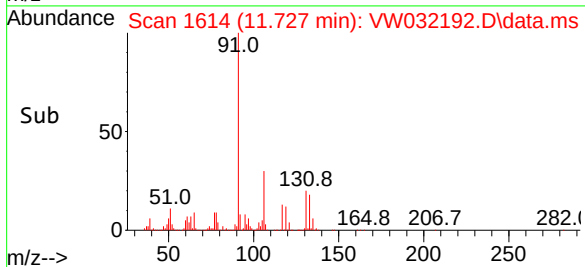
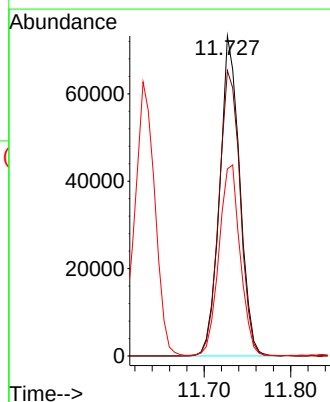
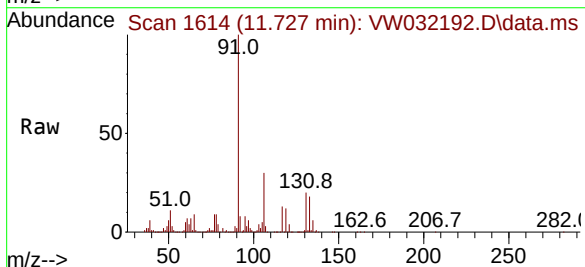
Tgt Ion:131 Resp: 117435

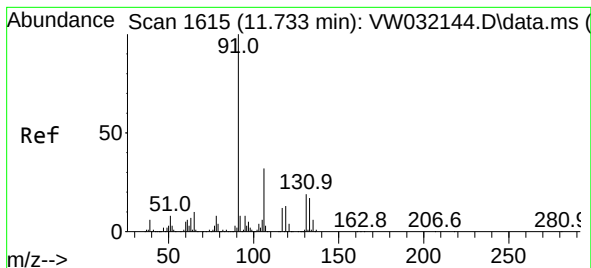
Ion Ratio Lower Upper

131 100

133 94.4 47.7 143.1

119 63.2 32.8 98.3

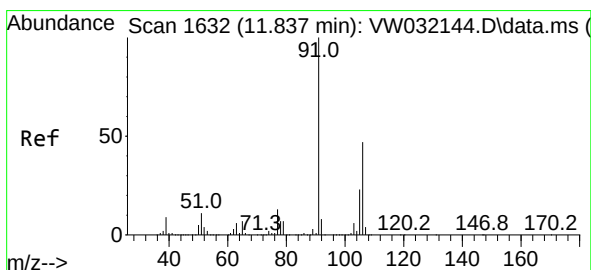
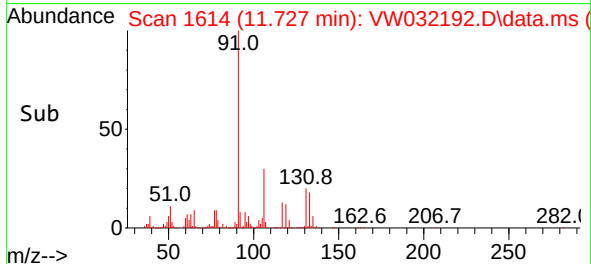
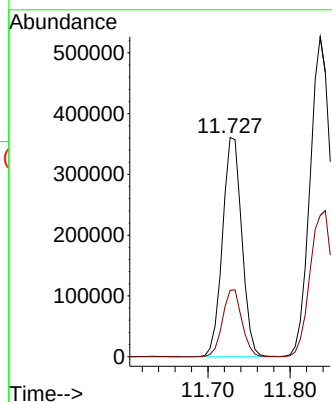
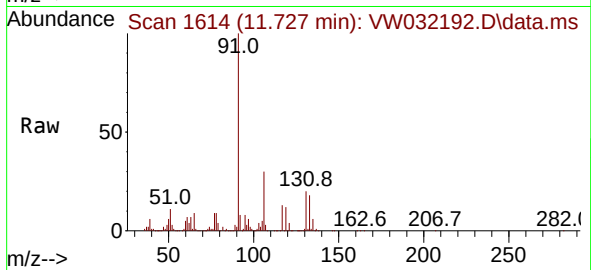




#67
Ethyl Benzene
Concen: 50.238 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

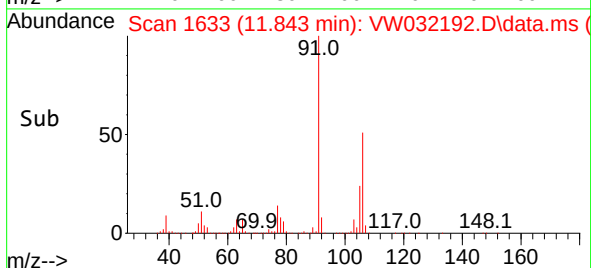
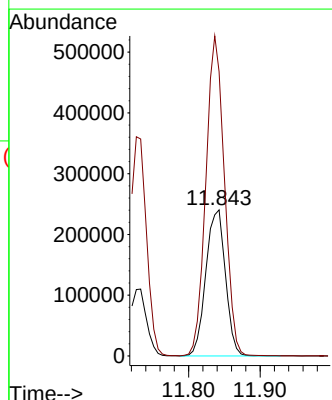
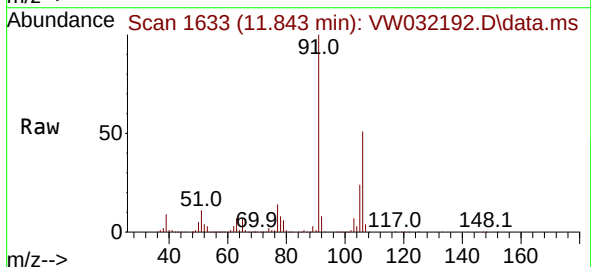
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

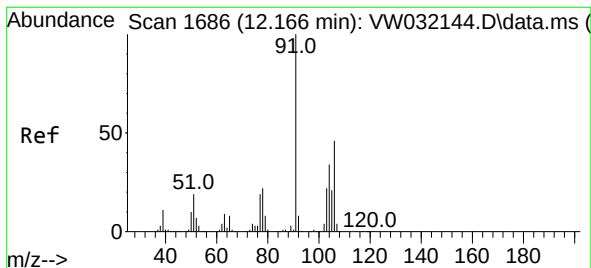
Tgt Ion: 91 Resp: 588613
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9



#68
m/p-Xylenes
Concen: 101.156 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion:106 Resp: 456137
Ion Ratio Lower Upper
106 100
91 208.1 164.2 246.2

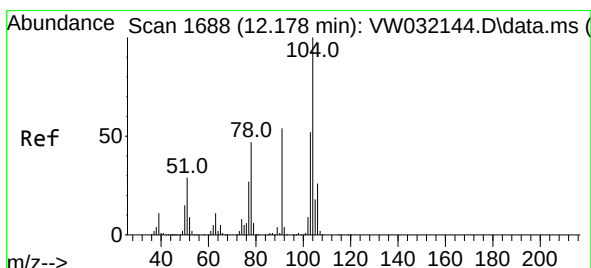
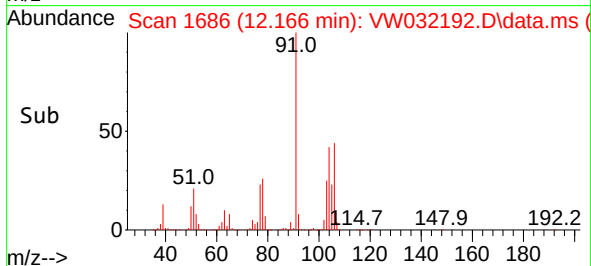
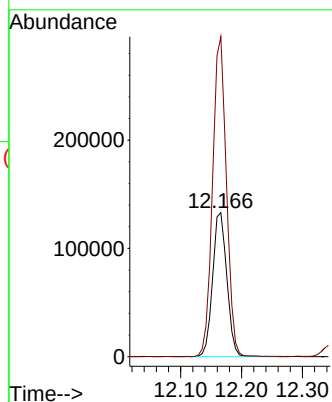
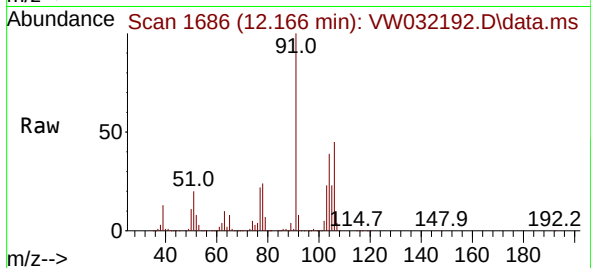




#69
o-Xylene
Concen: 50.478 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

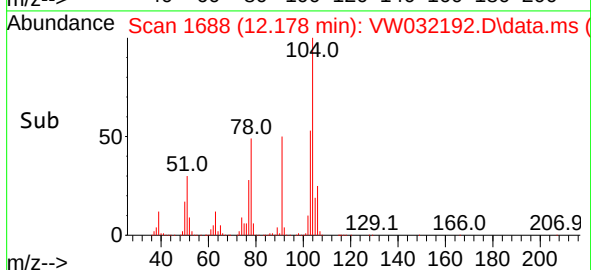
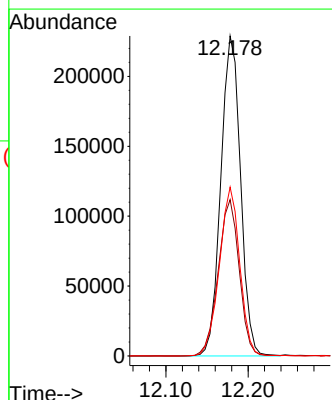
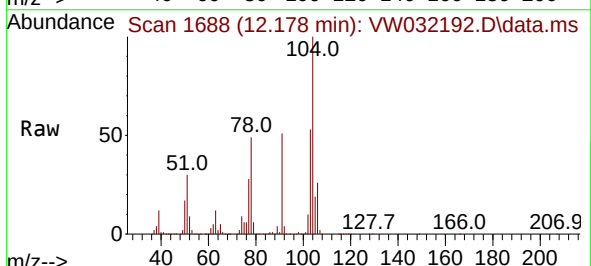
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

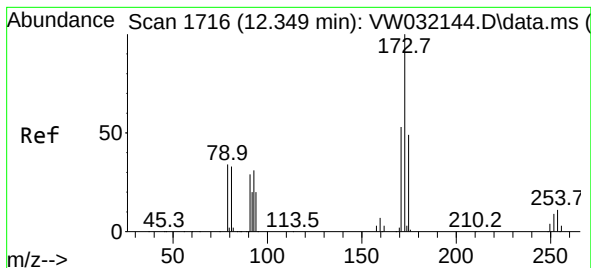
Tgt Ion:106 Resp: 215301
Ion Ratio Lower Upper
106 100
91 216.7 108.7 326.3



#70
Styrene
Concen: 50.820 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion:104 Resp: 382107
Ion Ratio Lower Upper
104 100
78 52.2 41.6 62.4
103 54.6 44.8 67.2





#71

Bromoform

Concen: 48.825 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

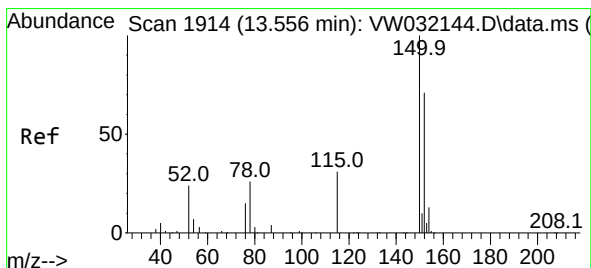
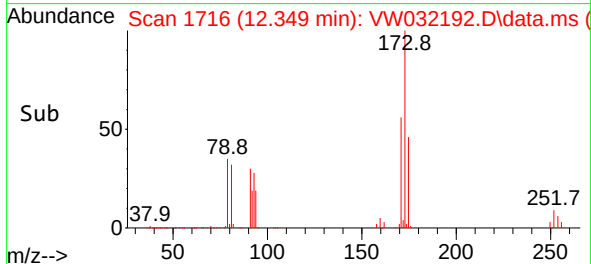
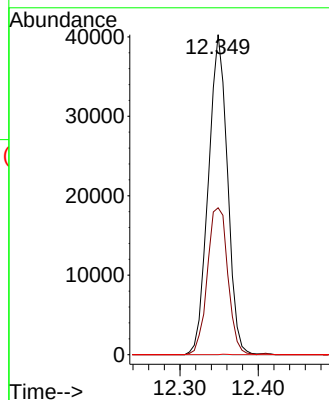
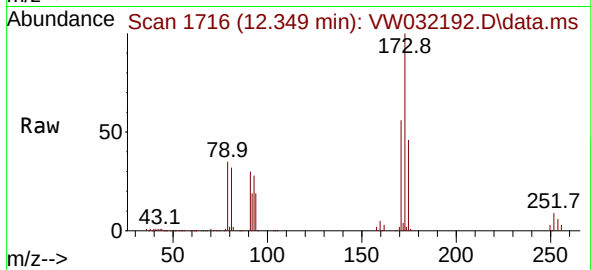
Tgt Ion:173 Resp: 68271

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

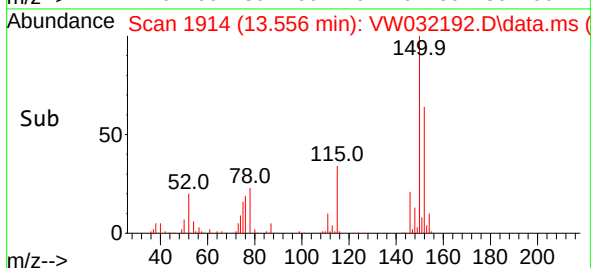
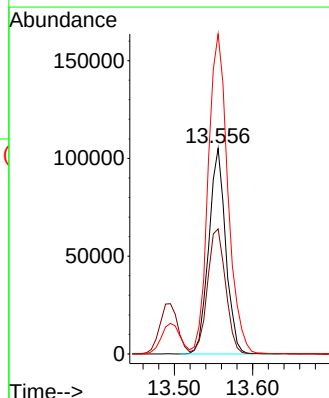
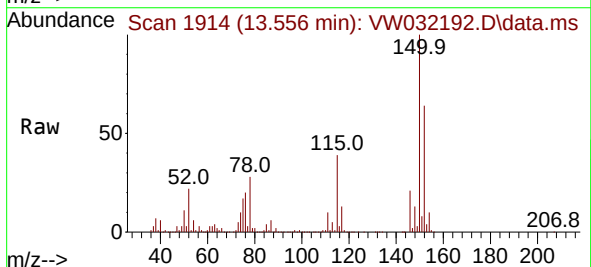
Tgt Ion:152 Resp: 158021

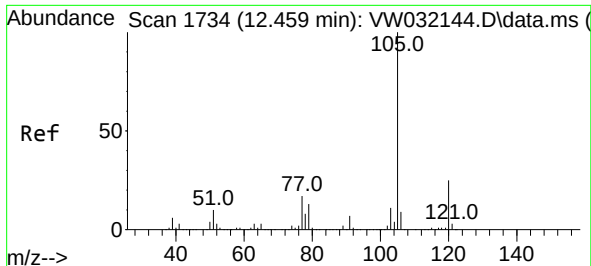
Ion Ratio Lower Upper

152 100

115 64.9 31.8 95.4

150 179.8 0.0 343.0

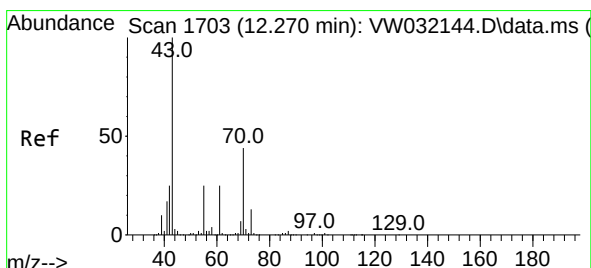
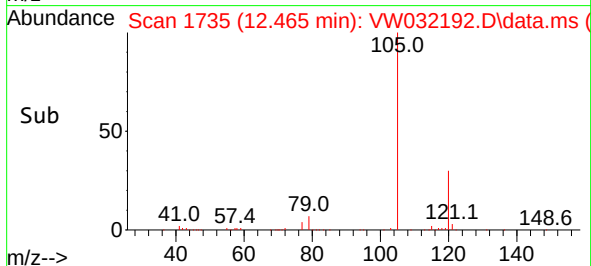
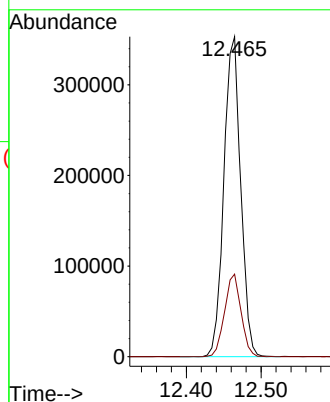
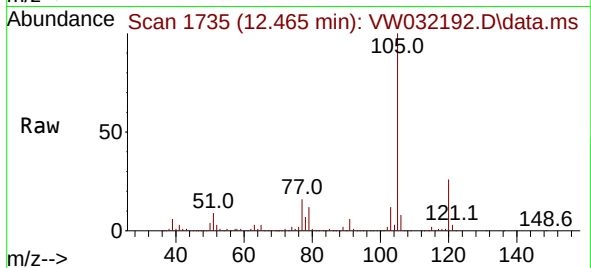




#73
Isopropylbenzene
Concen: 51.462 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

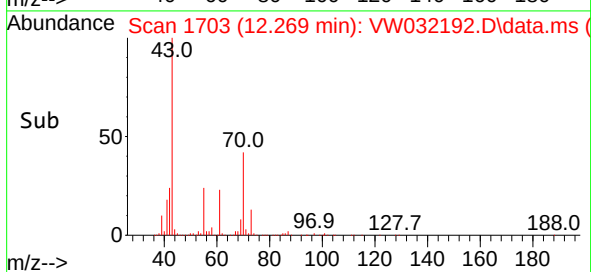
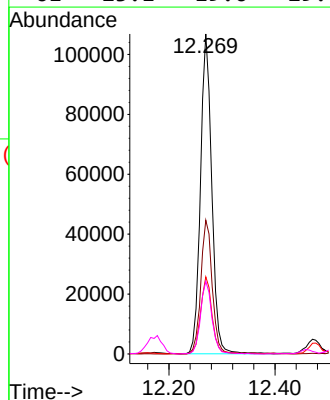
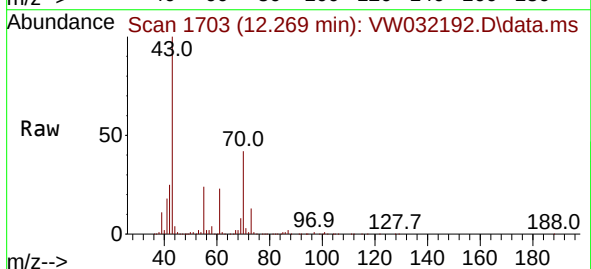
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

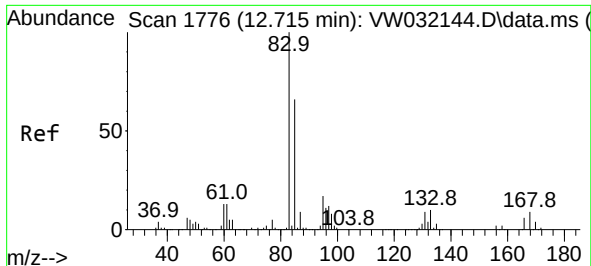
Tgt Ion:105 Resp: 552468
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9



#74
N-ethyl acetate
Concen: 50.796 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 43 Resp: 158321
Ion Ratio Lower Upper
43 100
70 42.2 35.3 52.9
55 24.7 19.9 29.9
61 23.1 19.6 29.4

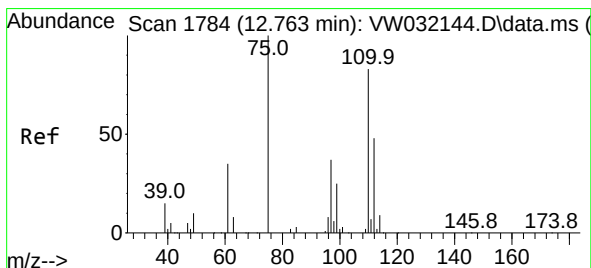
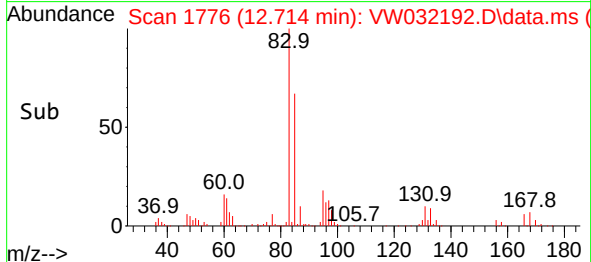
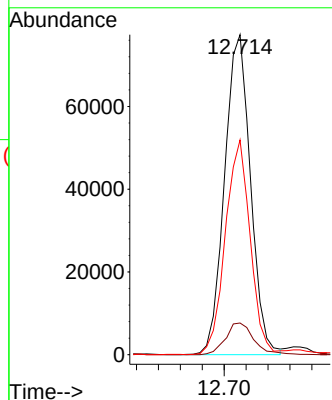
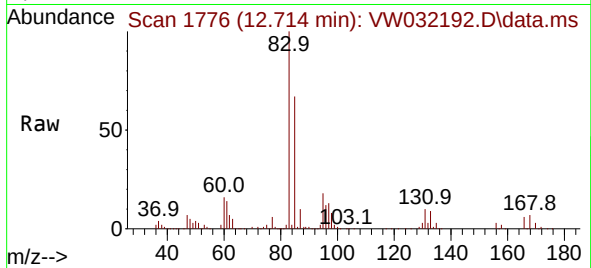




#75
1,1,2,2-Tetrachloroethane
Concen: 49.801 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

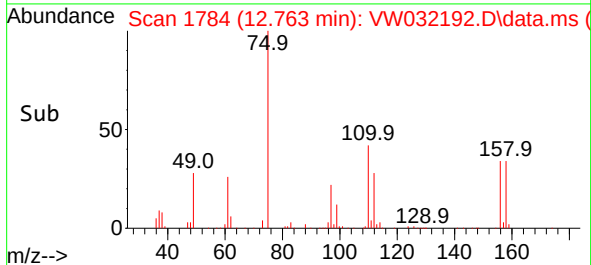
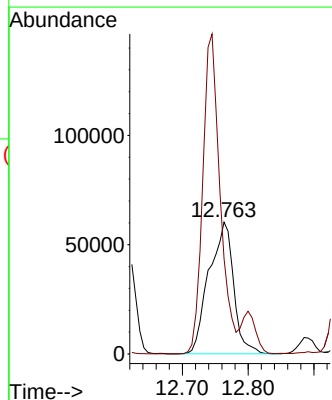
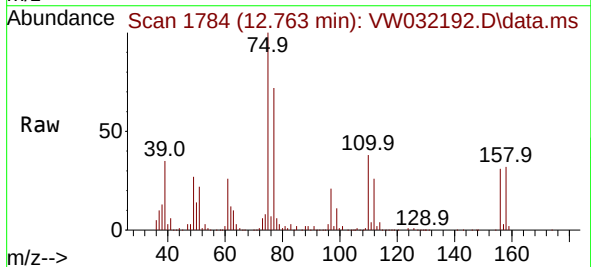
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

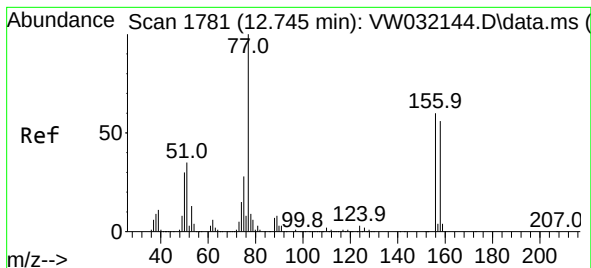
Tgt Ion: 83 Resp: 127056
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 79.289 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 75 Resp: 156968
Ion Ratio Lower Upper
75 100
77 171.3 141.7 425.1





#77

Bromobenzene

Concen: 49.276 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

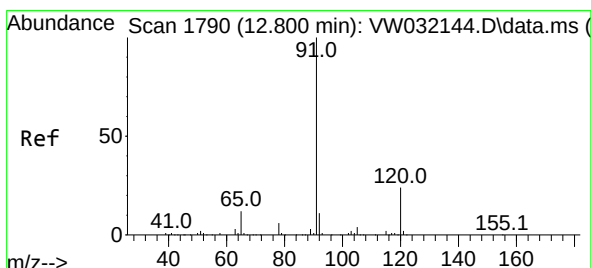
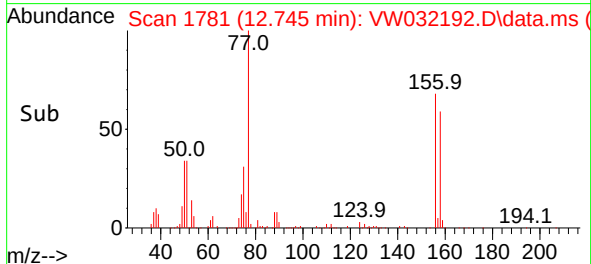
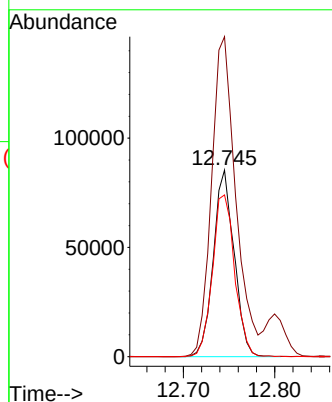
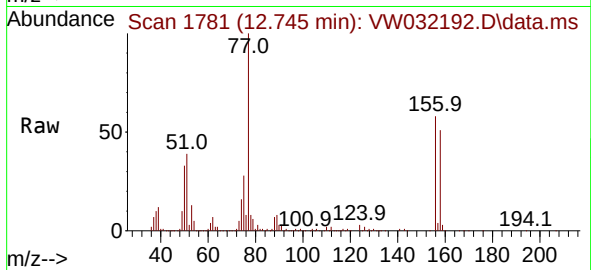
Tgt Ion:156 Resp: 134900

Ion Ratio Lower Upper

156 100

77 199.4 98.6 295.7

158 92.9 48.4 145.0



#78

n-propylbenzene

Concen: 53.428 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032192.D

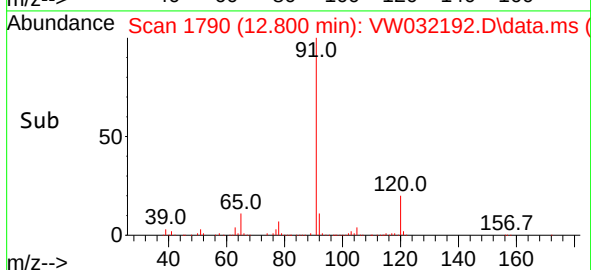
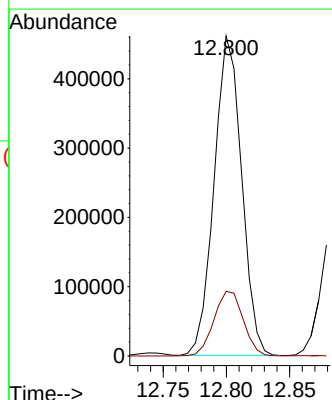
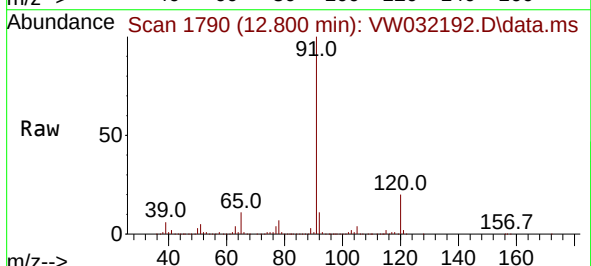
Acq: 18 Sep 2025 09:56

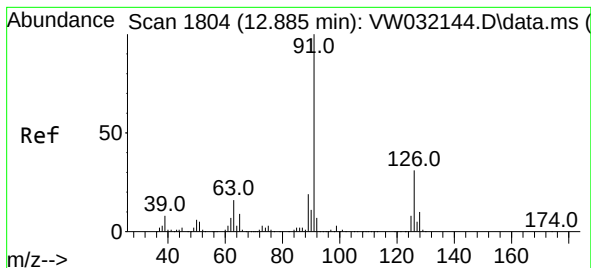
Tgt Ion: 91 Resp: 696362

Ion Ratio Lower Upper

91 100

120 21.6 11.8 35.4

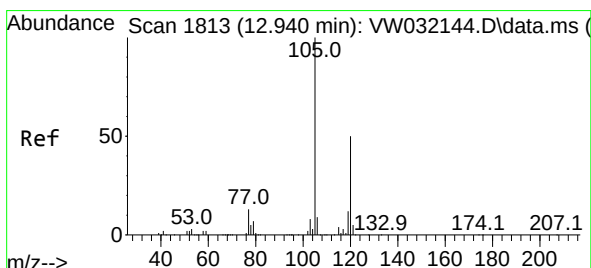
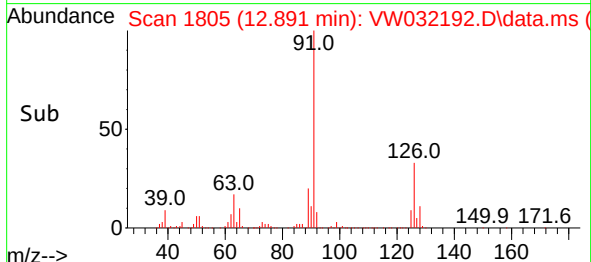
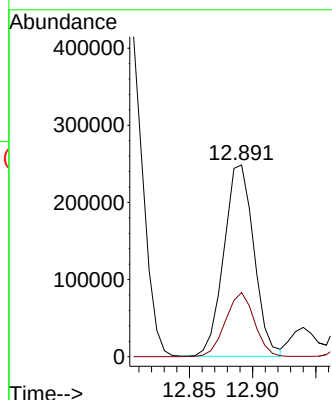
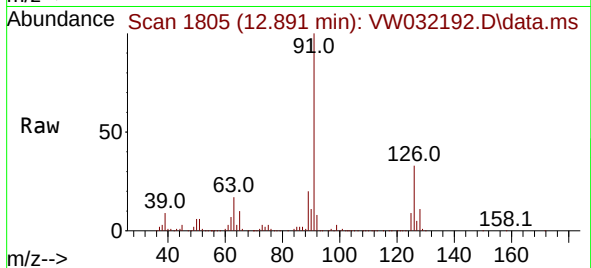




#79
2-Chlorotoluene
Concen: 51.641 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

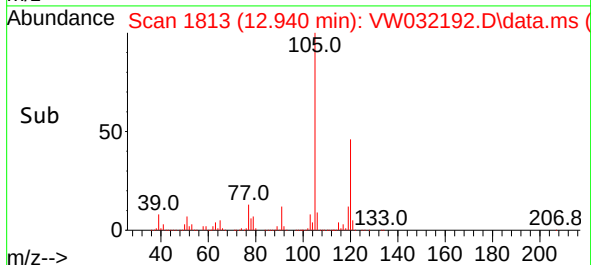
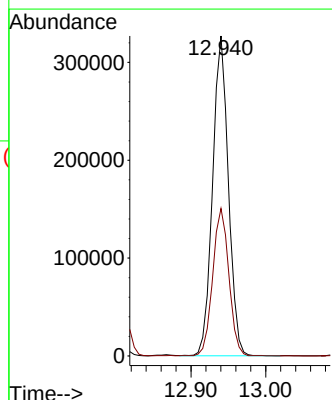
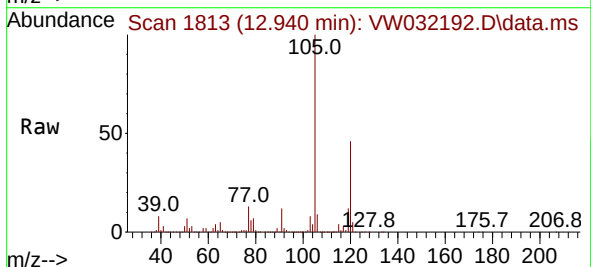
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

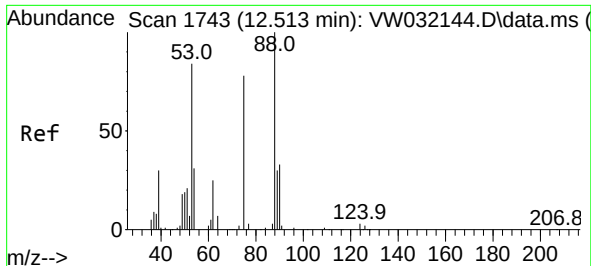
Tgt Ion: 91 Resp: 411581
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 52.780 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 105 Resp: 479730
Ion Ratio Lower Upper
105 100
120 47.2 24.8 74.4

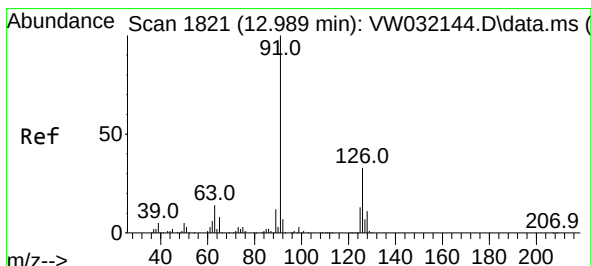
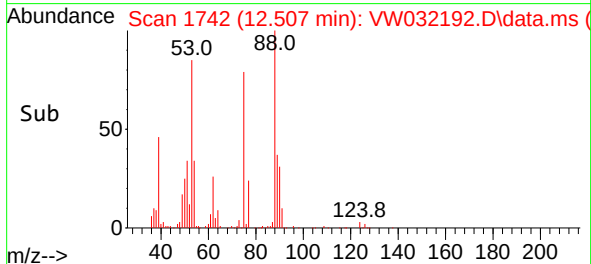
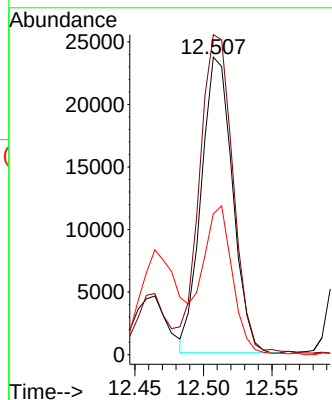
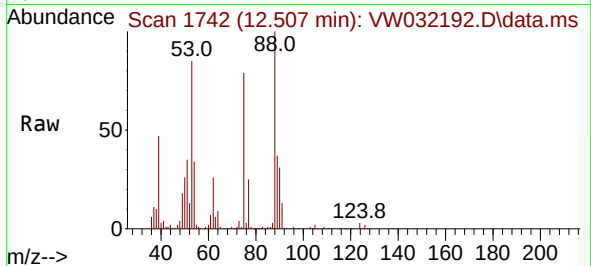




#81
trans-1,4-Dichloro-2-butene
Concen: 51.095 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

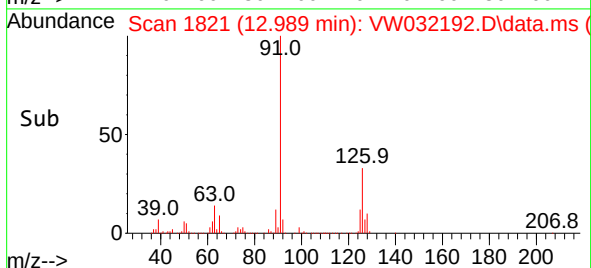
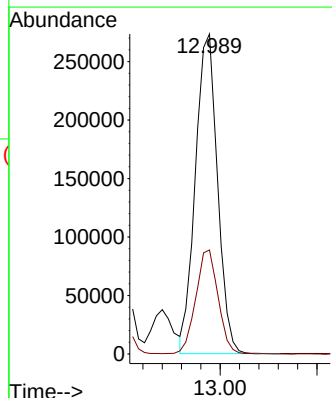
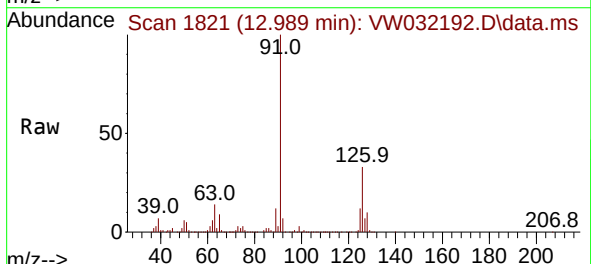
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

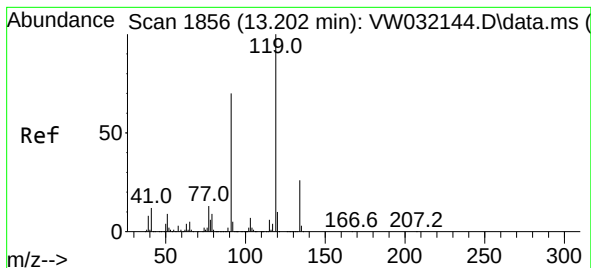
Tgt Ion: 75 Resp: 37569
Ion Ratio Lower Upper
75 100
53 116.2 91.0 136.6
89 48.2 39.4 59.2



#82
4-Chlorotoluene
Concen: 50.911 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion: 91 Resp: 434338
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2





#83

tert-Butylbenzene

Concen: 52.905 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

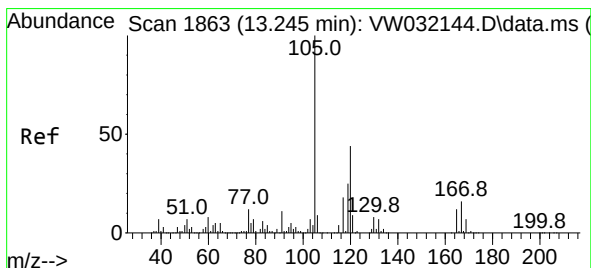
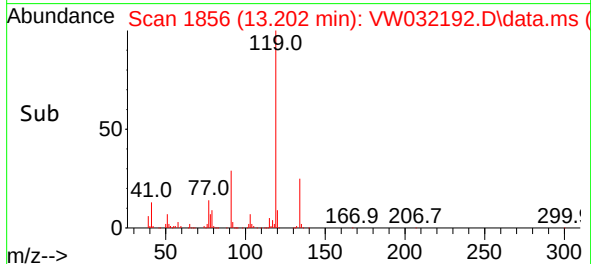
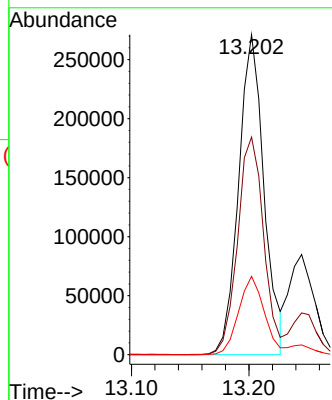
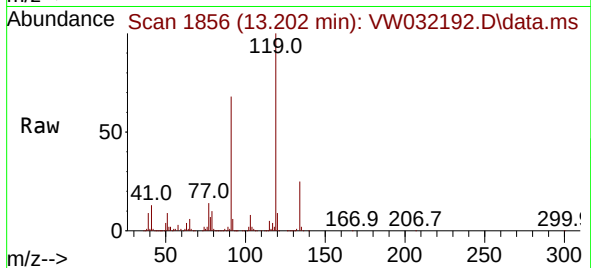
Tgt Ion:119 Resp: 407726

Ion Ratio Lower Upper

119 100

91 69.6 33.8 101.3

134 25.1 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 52.787 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032192.D

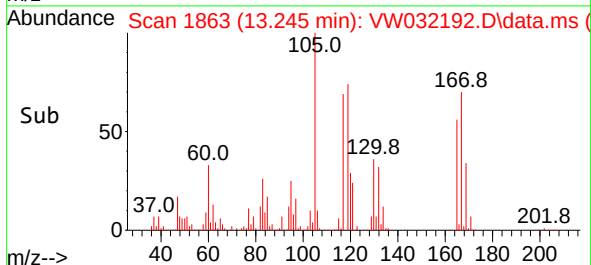
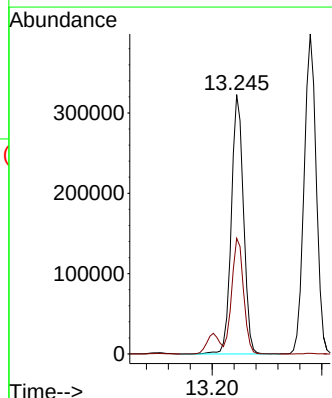
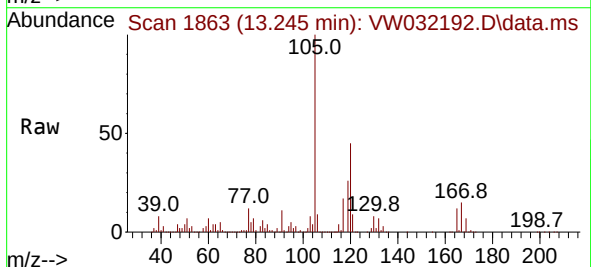
Acq: 18 Sep 2025 09:56

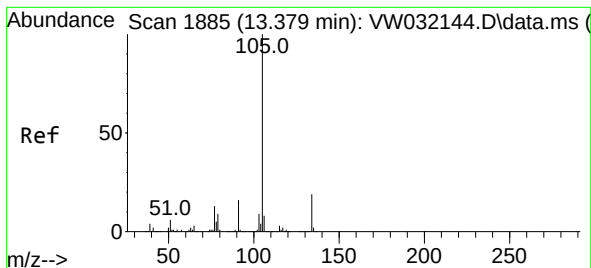
Tgt Ion:105 Resp: 496385

Ion Ratio Lower Upper

105 100

120 43.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.168 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

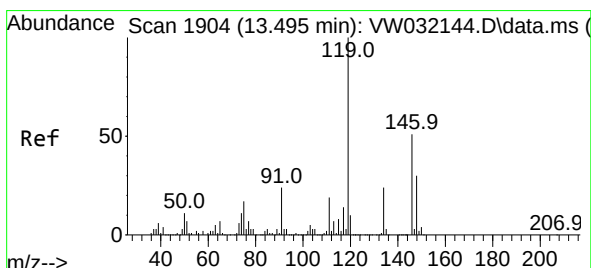
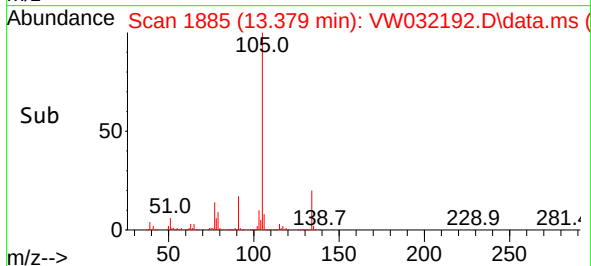
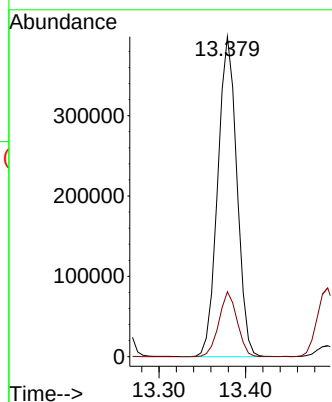
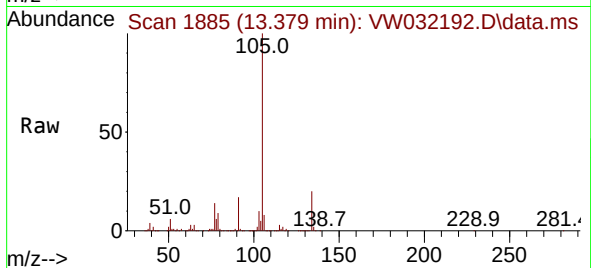
VSTDCCC050

Tgt Ion:105 Resp: 611769

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.812 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

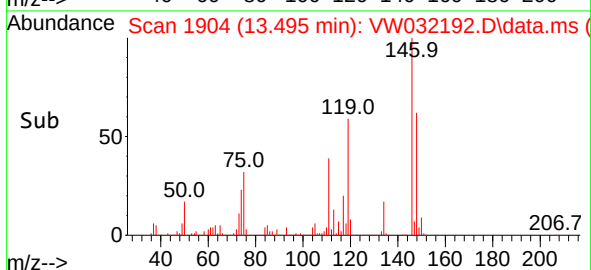
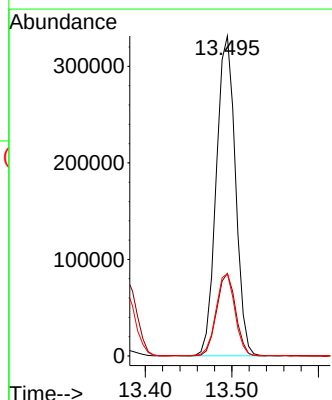
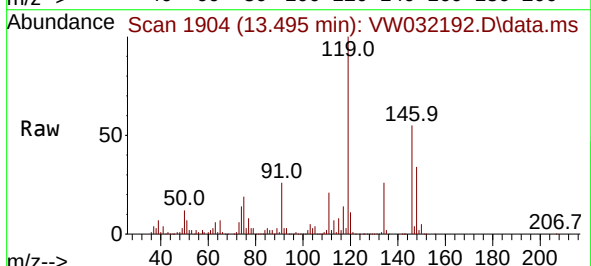
Tgt Ion:119 Resp: 506988

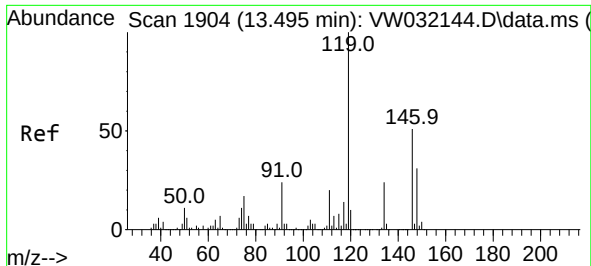
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 25.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 50.063 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

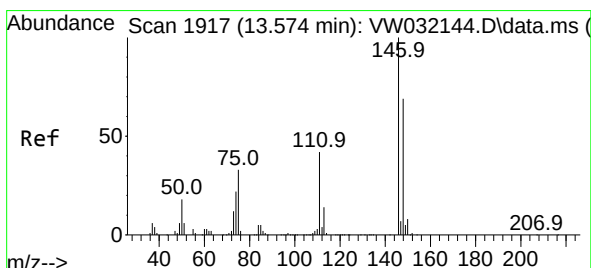
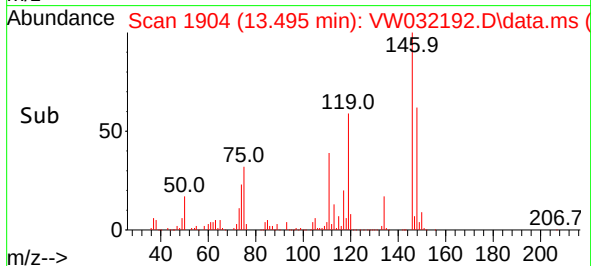
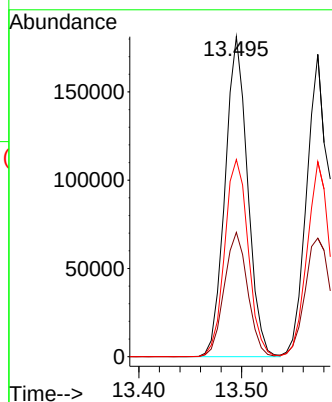
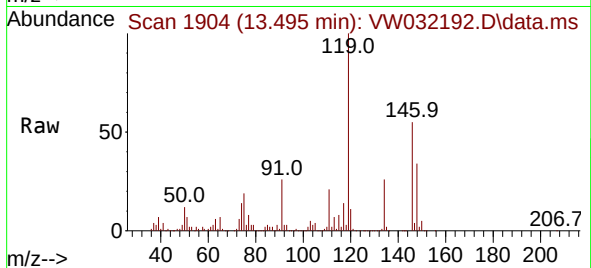
Tgt Ion:146 Resp: 275956

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.9

148 64.5 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 47.392 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

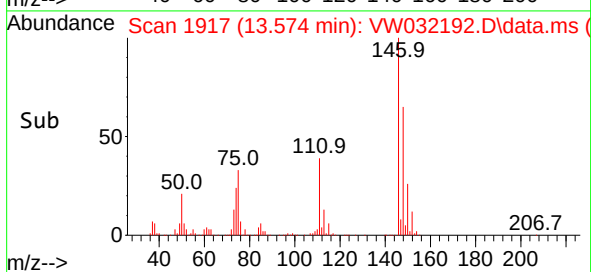
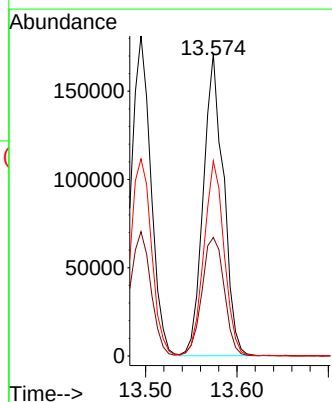
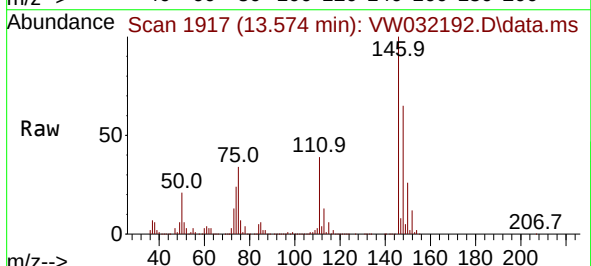
Tgt Ion:146 Resp: 261846

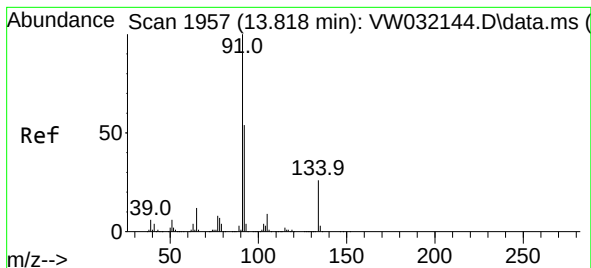
Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.7

148 64.8 33.4 100.1





#89

n-Butylbenzene

Concen: 53.272 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

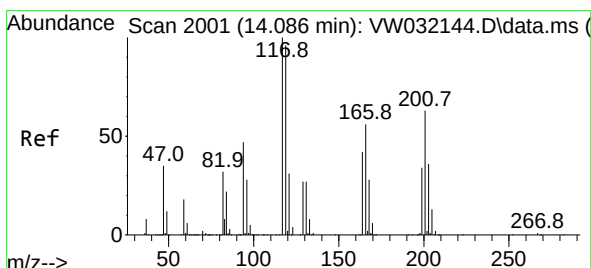
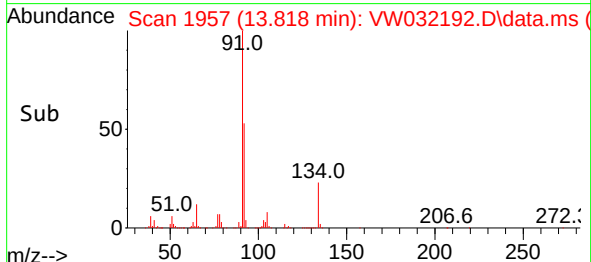
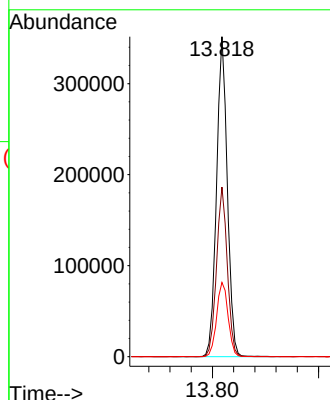
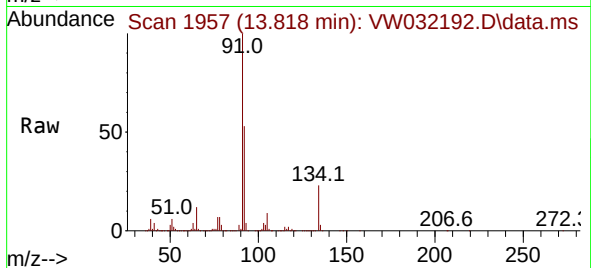
Tgt Ion: 91 Resp: 496984

Ion Ratio Lower Upper

91 100

92 53.1 27.0 81.0

134 24.7 13.1 39.3



#90

Hexachloroethane

Concen: 51.995 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032192.D

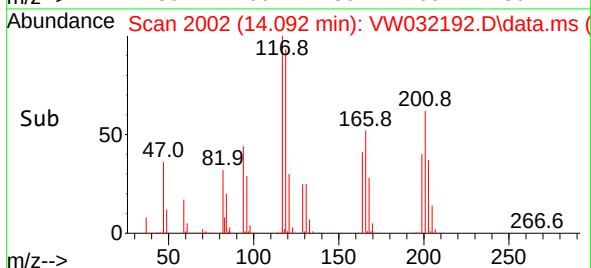
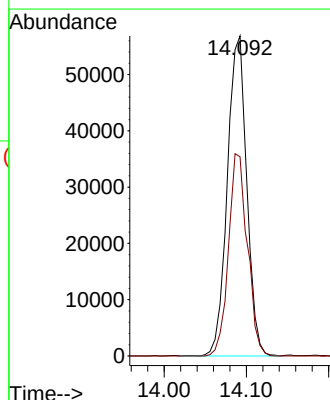
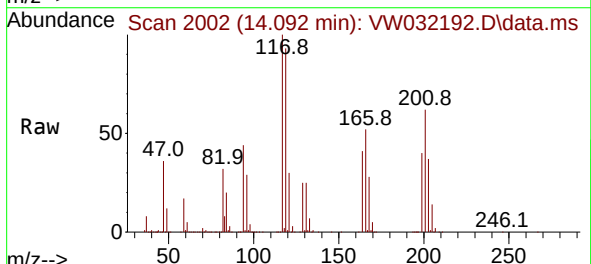
Acq: 18 Sep 2025 09:56

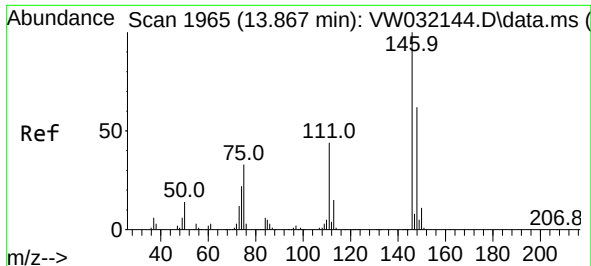
Tgt Ion: 117 Resp: 93063

Ion Ratio Lower Upper

117 100

201 61.5 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 49.559 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

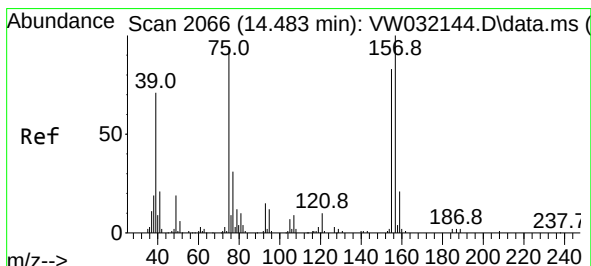
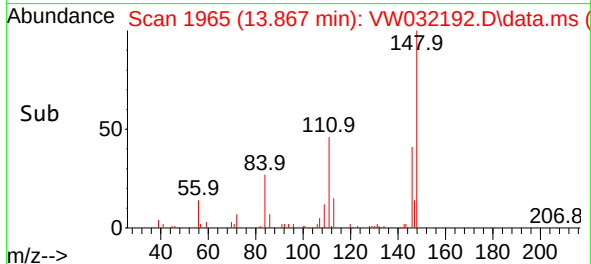
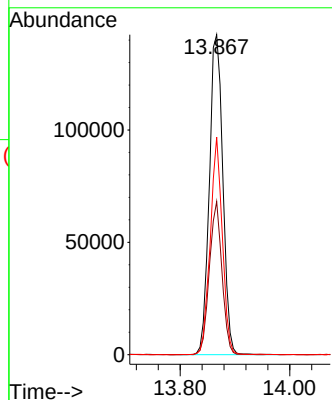
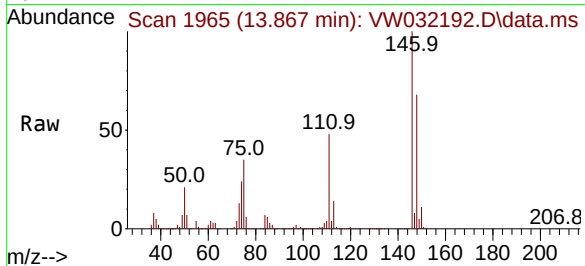
Tgt Ion:146 Resp: 241861

Ion Ratio Lower Upper

146 100

111 44.8 23.4 70.0

148 61.2 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.070 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

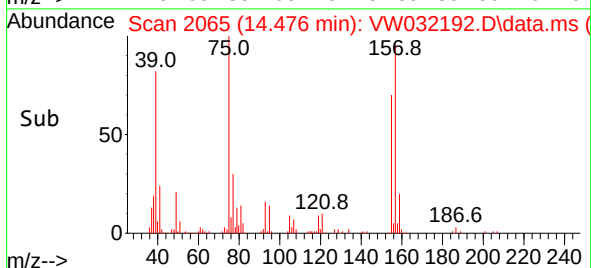
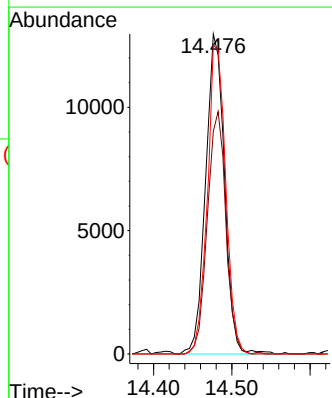
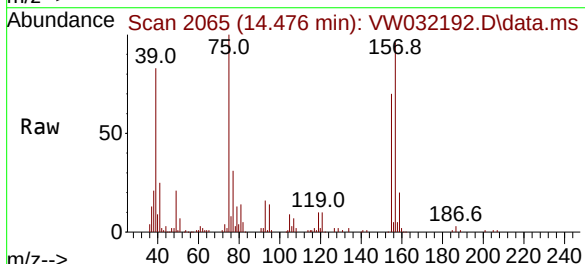
Tgt Ion: 75 Resp: 21666

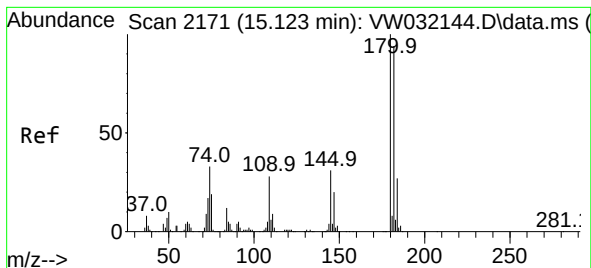
Ion Ratio Lower Upper

75 100

155 74.4 40.8 122.5

157 93.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 47.257 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

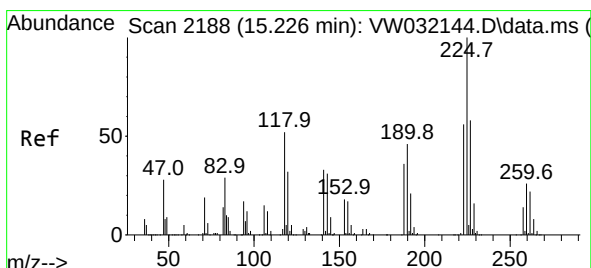
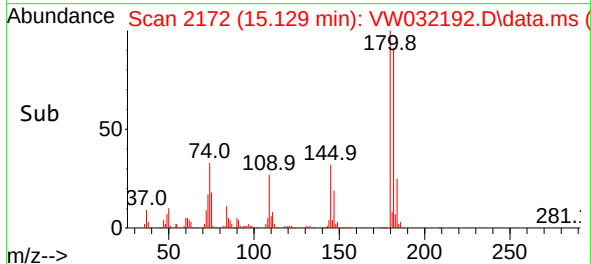
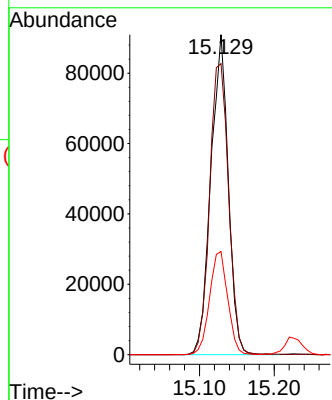
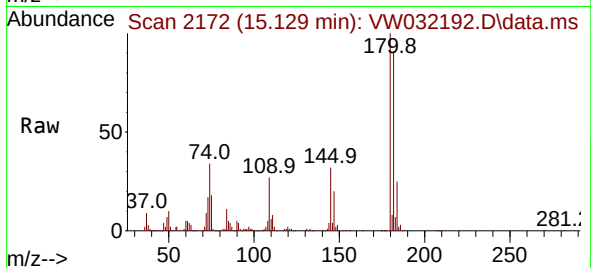
Tgt Ion:180 Resp: 147349

Ion Ratio Lower Upper

180 100

182 98.9 47.4 142.2

145 33.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 43.606 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032192.D

Acq: 18 Sep 2025 09:56

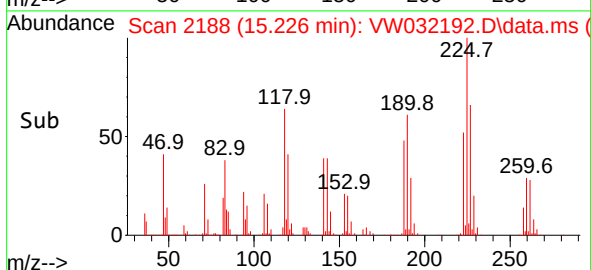
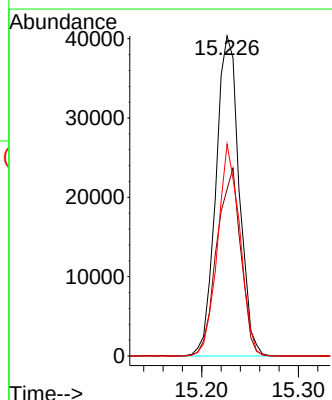
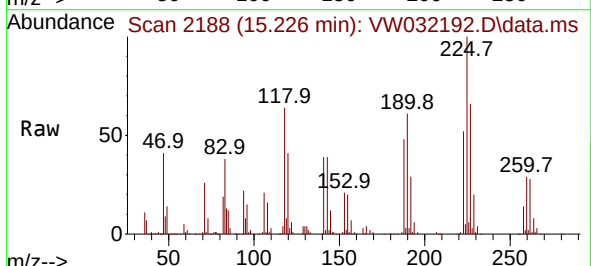
Tgt Ion:225 Resp: 67433

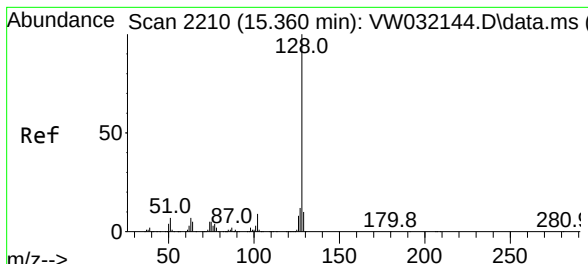
Ion Ratio Lower Upper

225 100

223 60.2 29.8 89.3

227 63.5 30.5 91.5

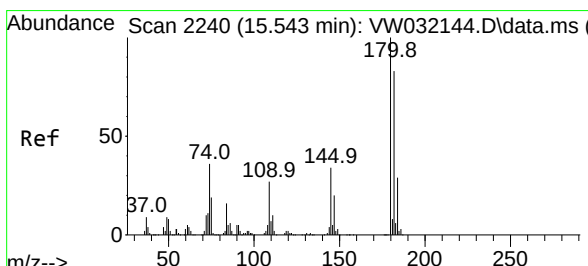
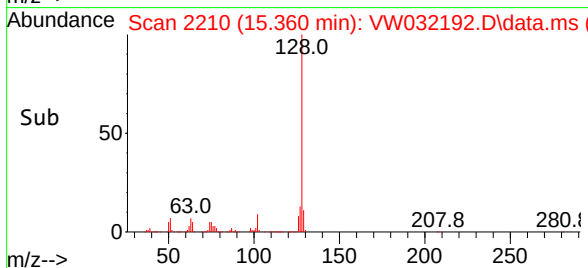
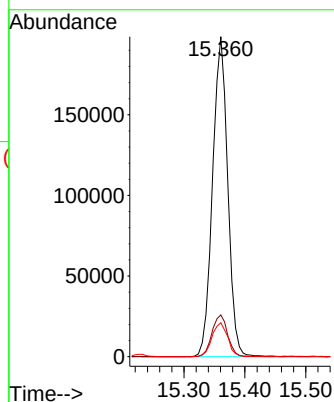
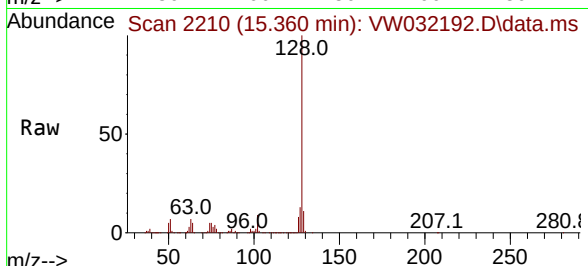




#95
Naphthalene
Concen: 48.598 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 342939
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 47.270 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032192.D
Acq: 18 Sep 2025 09:56

Tgt Ion:180 Resp: 137072
Ion Ratio Lower Upper
180 100
182 91.8 47.7 143.1
145 35.6 17.2 51.6

