

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031894.D
 Acq On : 22 Jul 2025 10:39
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 23 08:02:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 07:57:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	225122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	418592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	358393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	159650	46.880	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.760%
35) Dibromofluoromethane	7.904	113	136603	48.025	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.060%
50) Toluene-d8	10.325	98	512311	47.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.617	95	192744	46.629	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	93.260%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	80644	48.198	ug/l	100
3) Chloromethane	2.259	50	97775	45.529	ug/l	100
4) Vinyl Chloride	2.411	62	138448	49.629	ug/l	100
5) Bromomethane	2.832	94	97813	47.615	ug/l	100
6) Chloroethane	2.978	64	88298	47.958	ug/l	100
7) Trichlorofluoromethane	3.314	101	152835	54.091	ug/l	100
8) Diethyl Ether	3.728	74	87596	46.411	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.112	101	132678	48.819	ug/l	100
10) Methyl Iodide	4.307	142	194830	47.947	ug/l	100
11) Tert butyl alcohol	5.222	59	48976	244.659	ug/l	100
12) 1,1-Dichloroethene	4.076	96	145251	48.388	ug/l	100
13) Acrolein	3.942	56	59249	217.217	ug/l	100
14) Allyl chloride	4.710	41	227564	48.698	ug/l	100
15) Acrylonitrile	5.405	53	205004	242.948	ug/l	100
16) Acetone	4.167	43	186627	230.941	ug/l	100
17) Carbon Disulfide	4.423	76	381111	48.954	ug/l	100
18) Methyl Acetate	4.716	43	106992	48.056	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	254734	49.114	ug/l	100
20) Methylene Chloride	4.954	84	170144	49.149	ug/l	100
21) trans-1,2-Dichloroethene	5.466	96	155488	48.820	ug/l	100
22) Diisopropyl ether	6.344	45	465380	49.771	ug/l	100
23) Vinyl Acetate	6.289	43	1525293	249.686	ug/l	100
24) 1,1-Dichloroethane	6.246	63	284373	48.847	ug/l	100
25) 2-Butanone	7.191	43	266059	240.629	ug/l	100
26) 2,2-Dichloropropane	7.191	77	166236	50.437	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	185527	49.549	ug/l	100
28) Bromochloromethane	7.532	49	118407	48.577	ug/l	100
29) Tetrahydrofuran	7.557	42	179179	247.172	ug/l	100
30) Chloroform	7.691	83	295801	48.459	ug/l	100
31) Cyclohexane	7.971	56	247509	47.389	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	227418	48.961	ug/l	100
36) 1,1-Dichloropropene	8.099	75	213142	48.794	ug/l	100
37) Ethyl Acetate	7.276	43	123663	49.627	ug/l	100
38) Carbon Tetrachloride	8.081	117	206216	49.190	ug/l	100
39) Methylcyclohexane	9.343	83	274858	50.000	ug/l	100
40) Benzene	8.337	78	636145	49.197	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	75019	51.112	ug/l	100
42) 1,2-Dichloroethane	8.416	62	200964	48.561	ug/l	100
43) Isopropyl Acetate	8.435	43	222170	49.250	ug/l	100
44) Trichloroethene	9.105	130	151736	49.368	ug/l	100
45) 1,2-Dichloropropane	9.374	63	150788	48.420	ug/l	100
46) Dibromomethane	9.465	93	94479	48.942	ug/l	100
47) Bromodichloromethane	9.648	83	223852	48.359	ug/l	100
48) Methyl methacrylate	9.441	41	107066	49.887	ug/l	100
49) 1,4-Dioxane	9.465	88	21855	1134.591	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	617526	250.133	ug/l	100
52) Toluene	10.392	92	409807	49.301	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	218411	49.187	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	251812	49.658	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	125532	48.955	ug/l	100
56) Ethyl methacrylate	10.648	69	184989	51.081	ug/l	100
57) 1,3-Dichloropropane	10.934	76	223219	49.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	466986	251.042	ug/l	100
59) 2-Hexanone	10.971	43	430358	250.784	ug/l	100
60) Dibromochloromethane	11.135	129	147041	49.183	ug/l	100
61) 1,2-Dibromoethane	11.233	107	124264	49.043	ug/l	100
64) Tetrachloroethene	10.867	164	116190	49.172	ug/l	100
65) Chlorobenzene	11.660	112	445905	50.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	135280	49.749	ug/l	100
67) Ethyl Benzene	11.733	91	797666	51.758	ug/l	100
68) m/p-Xylenes	11.836	106	590027	101.698	ug/l	100
69) o-Xylene	12.166	106	285328	51.967	ug/l	100
70) Styrene	12.178	104	487647	52.165	ug/l	100
71) Bromoform	12.349	173	78409	52.724	ug/l #	100
73) Isopropylbenzene	12.464	105	743506	50.771	ug/l	100
74) N-amyl acetate	12.269	43	201296	50.845	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	154182	49.601	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	198020	85.698	ug/l #	100
77) Bromobenzene	12.745	156	153362	48.402	ug/l	100
78) n-propylbenzene	12.800	91	899940	50.036	ug/l	100
79) 2-Chlorotoluene	12.891	91	528504	49.215	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	606401	49.373	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	50710	50.242	ug/l	100
82) 4-Chlorotoluene	12.983	91	553292	49.113	ug/l	100
83) tert-Butylbenzene	13.202	119	519792	49.685	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	621979	50.033	ug/l	100
85) sec-Butylbenzene	13.379	105	779564	49.619	ug/l	100
86) p-Isopropyltoluene	13.495	119	648382	49.930	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	322462	48.890	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	307895	47.653	ug/l	100
89) n-Butylbenzene	13.818	91	645926	50.705	ug/l	100
90) Hexachloroethane	14.086	117	108580	48.355	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	283107	48.433	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.482	75	27088	48.235	ug/l	100
93) 1,2,4-Trichlorobenzene	15.129	180	166119	47.124	ug/l	100
94) Hexachlorobutadiene	15.226	225	82516	49.399	ug/l	100
95) Naphthalene	15.360	128	427849	49.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	157823	49.413	ug/l	100

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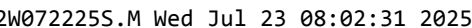
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MSVOA_W
ClientSampleId :
VSTDICCC050

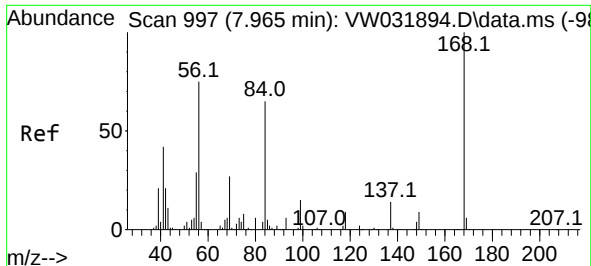
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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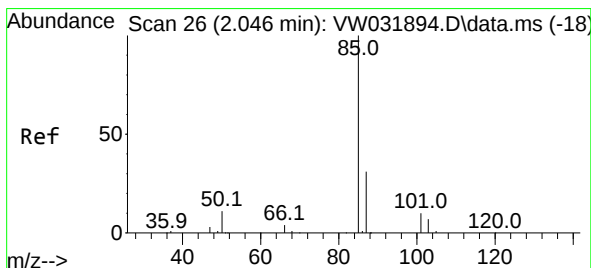
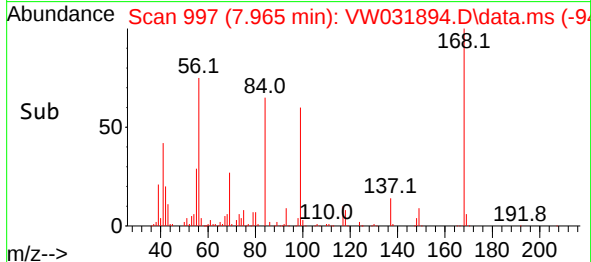
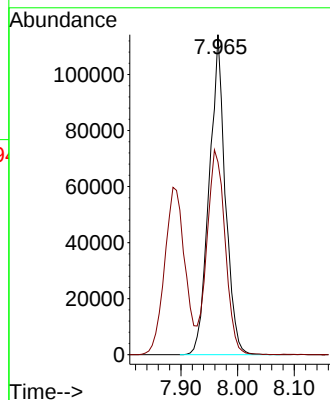
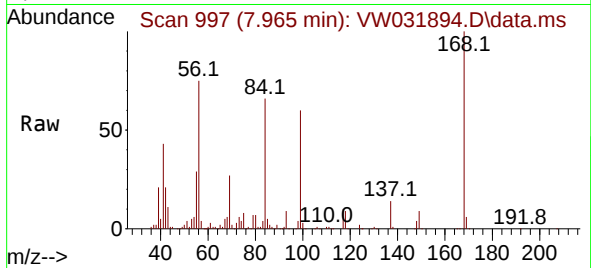




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031894.D
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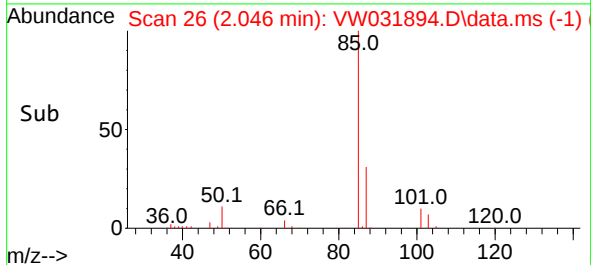
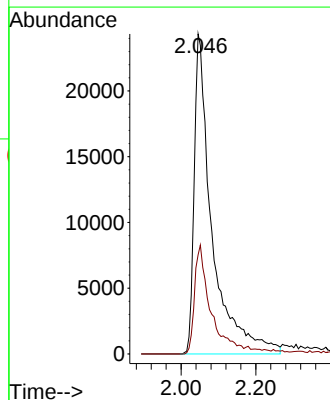
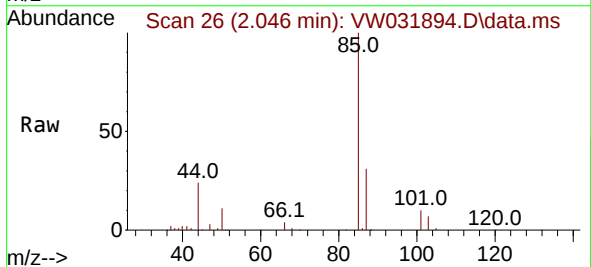
Instrument :
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ClientSampleId :
VSTDICCC050

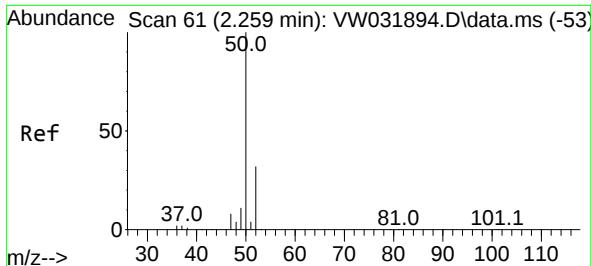
Tgt Ion:168 Resp: 225122
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 48.198 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 85 Resp: 80644
Ion Ratio Lower Upper
85 100
87 31.0 15.5 46.5

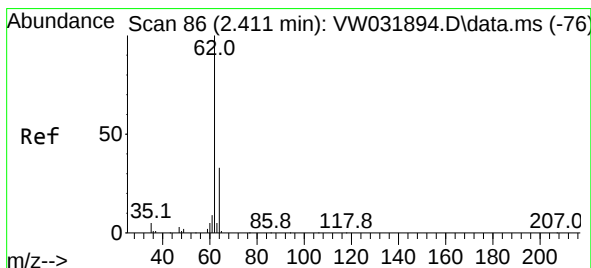
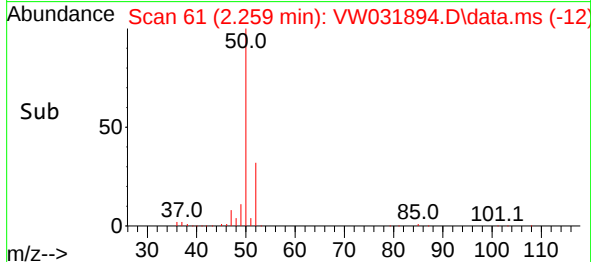
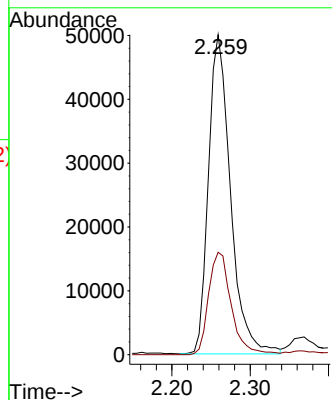
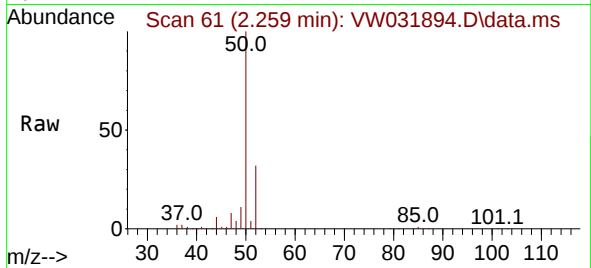




#3
Chloromethane
Concen: 45.529 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

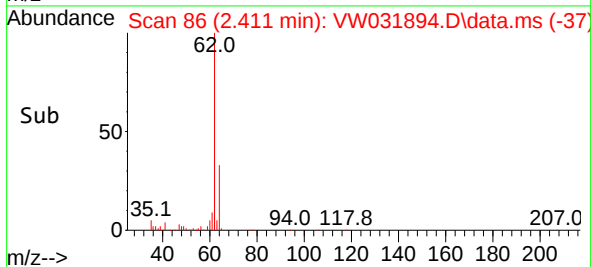
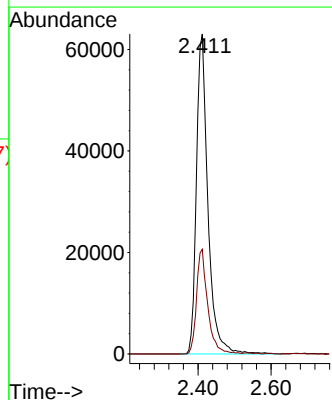
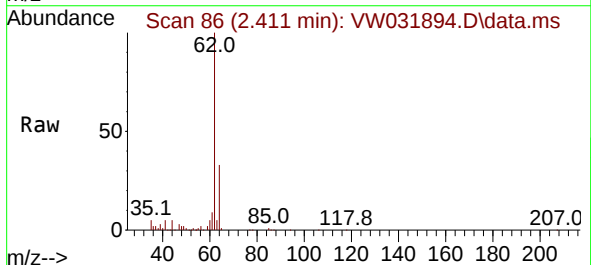
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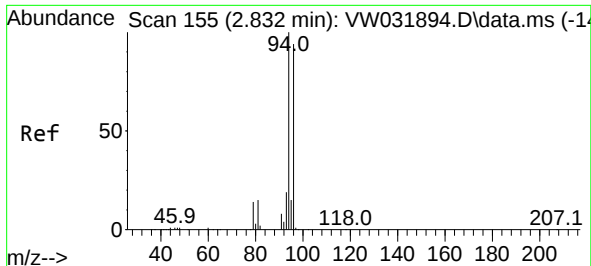
Tgt Ion: 50 Resp: 97775
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 49.629 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 62 Resp: 138448
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

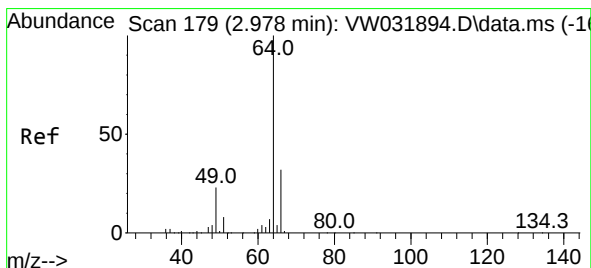
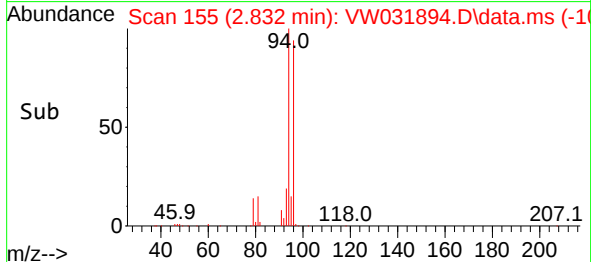
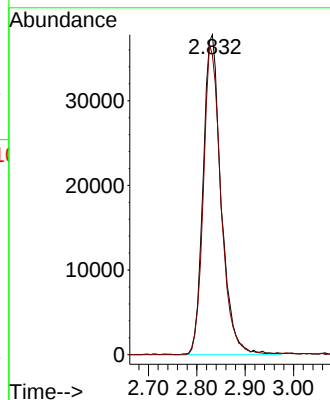
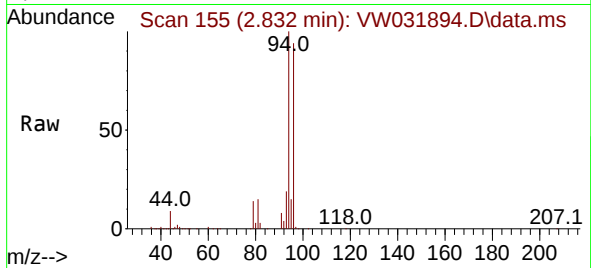




#5
Bromomethane
Concen: 47.615 ug/l
RT: 2.832 min Scan# 155
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

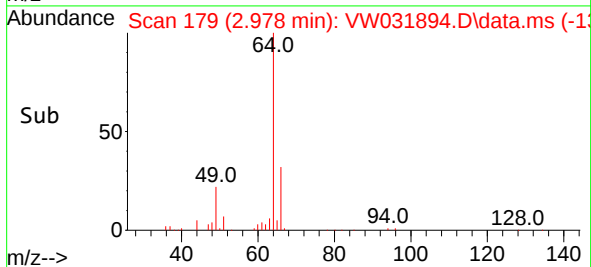
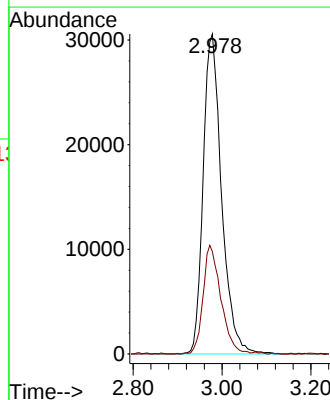
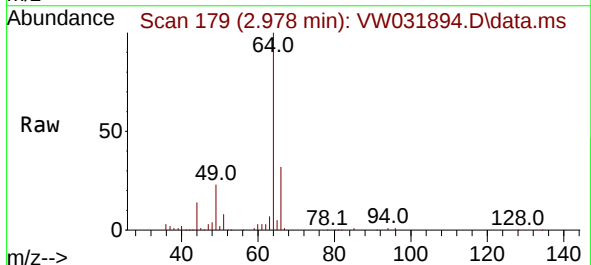
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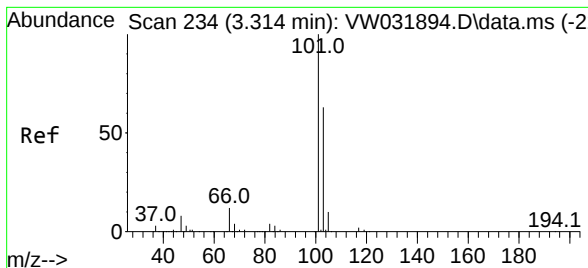
Tgt Ion: 94 Resp: 97813
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.6



#6
Chloroethane
Concen: 47.958 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 64 Resp: 88298
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4





#7

Trichlorofluoromethane

Concen: 54.091 ug/l

RT: 3.314 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

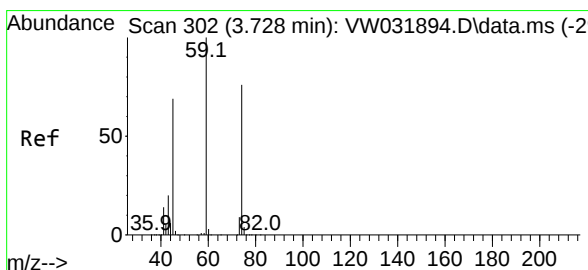
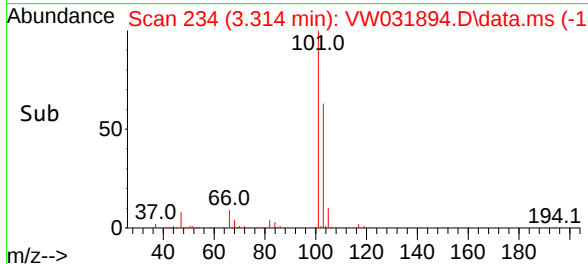
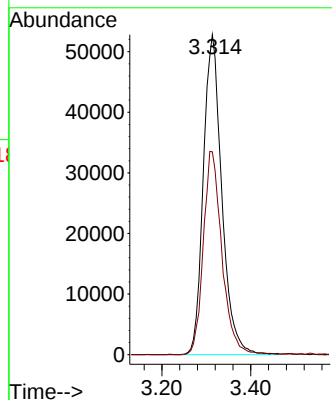
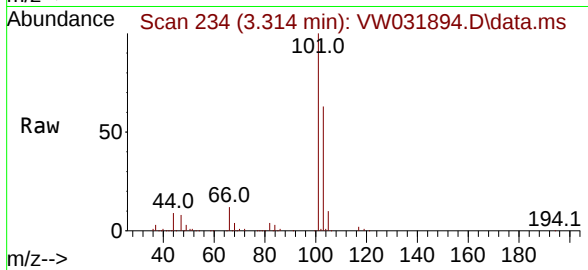
VSTDICCC050

Tgt Ion:101 Resp: 152835

Ion Ratio Lower Upper

101 100

103 63.4 50.7 76.1



#8

Diethyl Ether

Concen: 46.411 ug/l

RT: 3.728 min Scan# 302

Delta R.T. 0.000 min

Lab File: VW031894.D

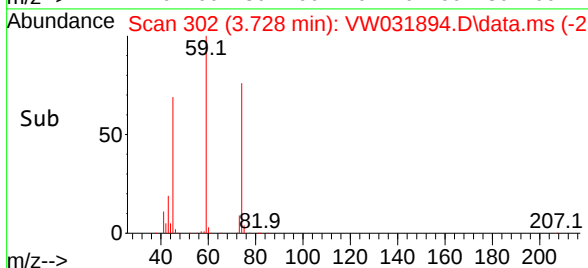
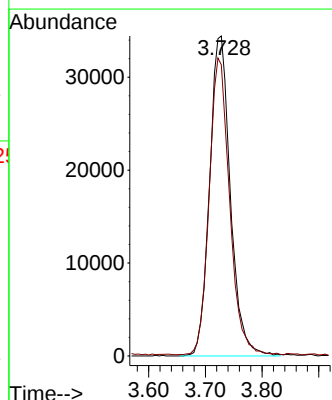
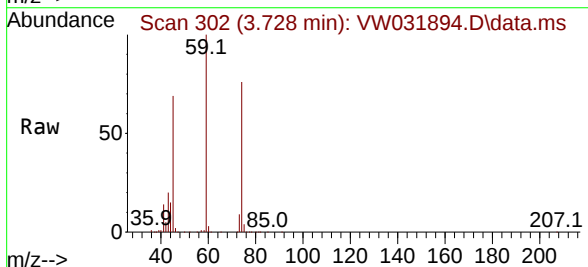
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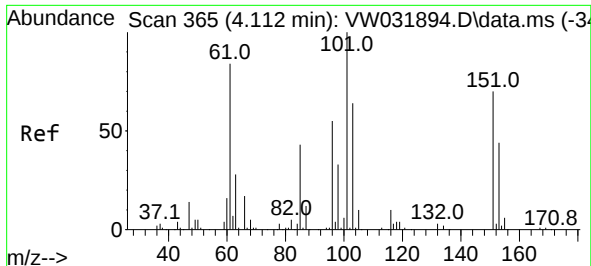
Tgt Ion: 74 Resp: 87596

Ion Ratio Lower Upper

74 100

45 91.0 45.5 136.5

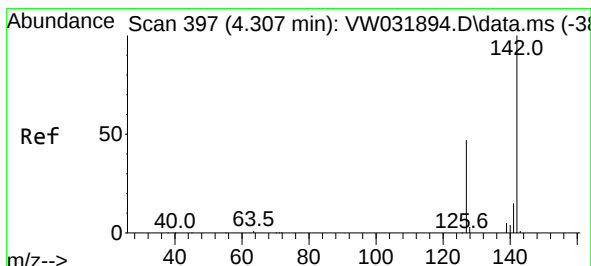
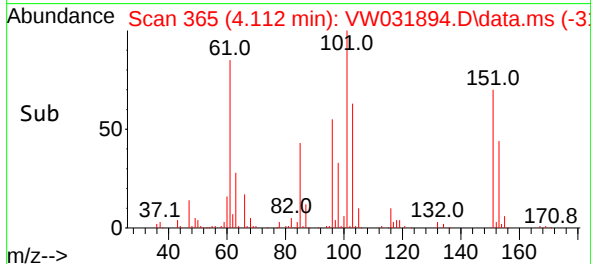
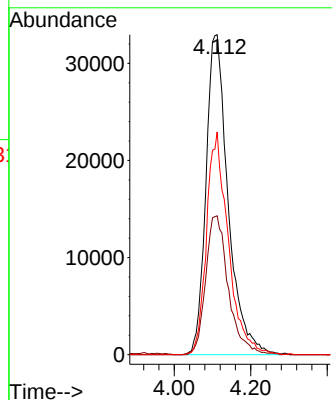
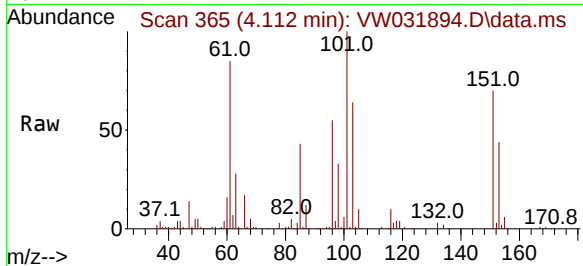




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.819 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

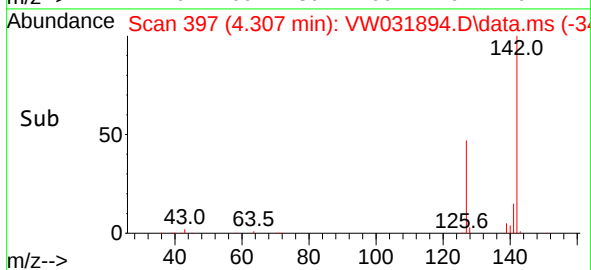
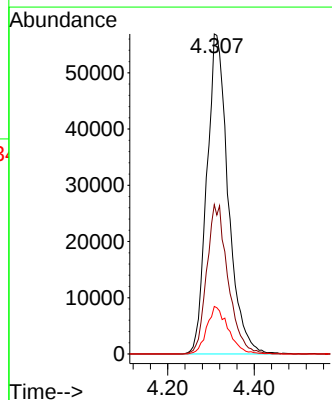
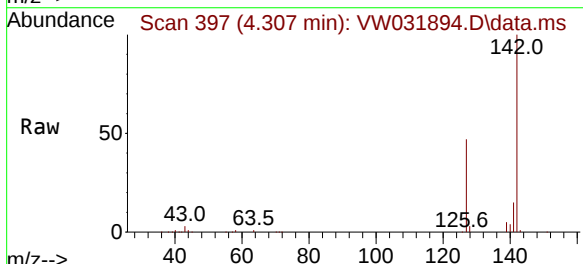
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

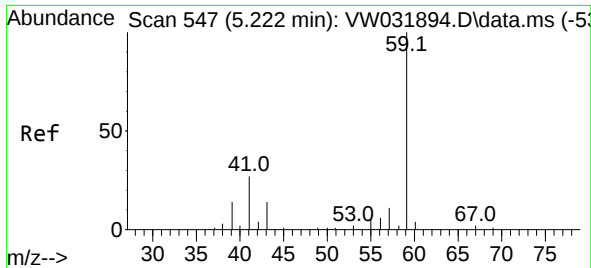
Tgt Ion:101 Resp: 132678
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 68.2 54.6 81.8



#10
Methyl Iodide
Concen: 47.947 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:142 Resp: 194830
Ion Ratio Lower Upper
142 100
127 46.8 37.4 56.2
141 14.9 11.9 17.9

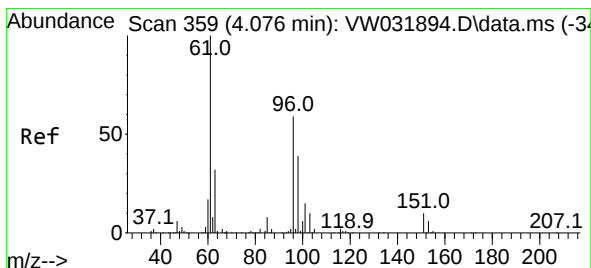
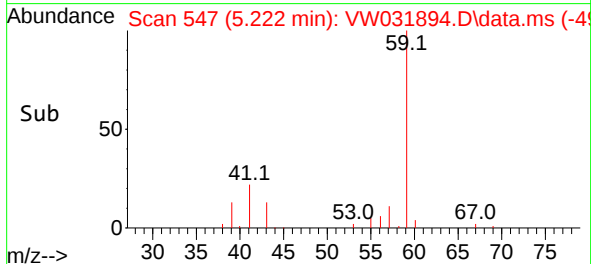
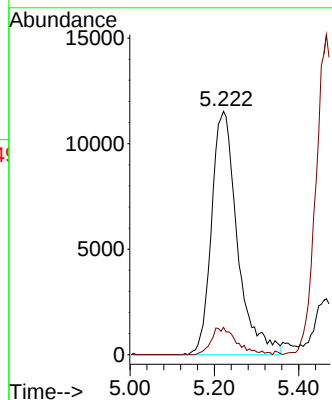
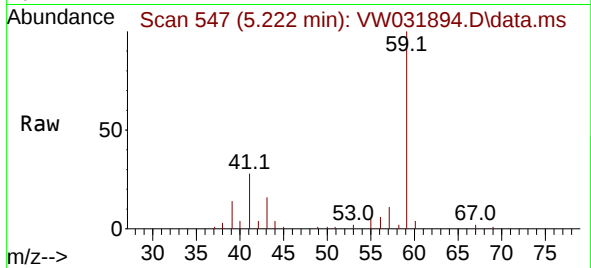




#11
Tert butyl alcohol
Concen: 244.659 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

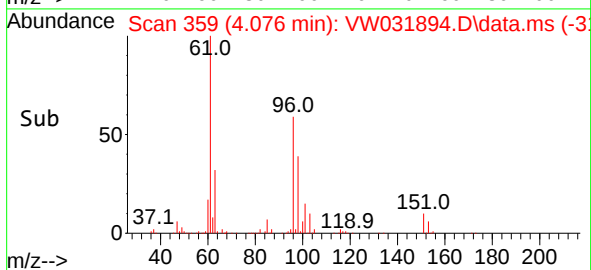
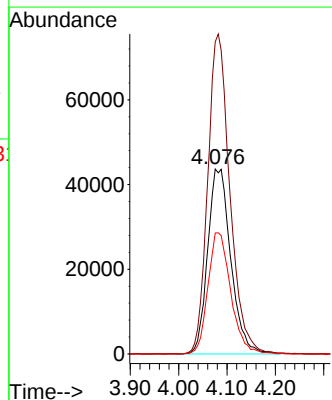
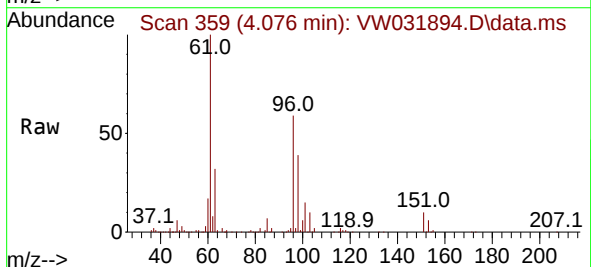
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 48976
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.388 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 96 Resp: 145251
Ion Ratio Lower Upper
96 100
61 168.8 135.0 202.6
98 65.4 52.3 78.5

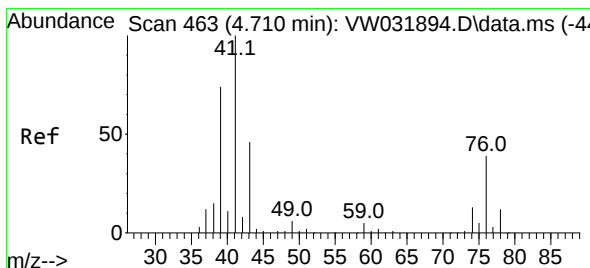
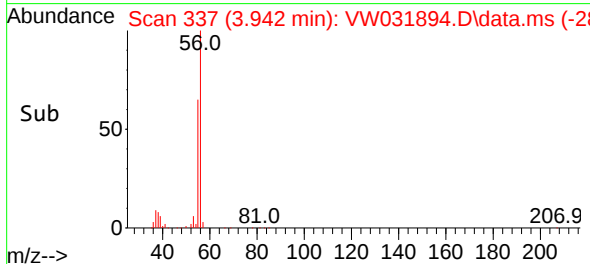
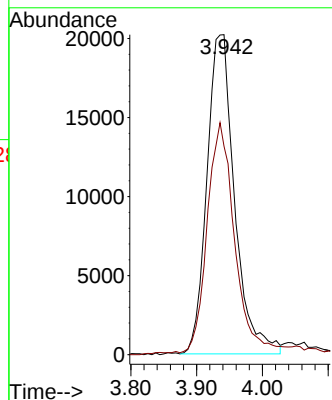
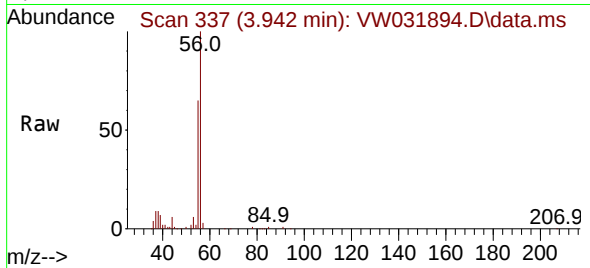




#13
Acrolein
Concen: 217.217 ug/l
RT: 3.942 min Scan# 337
Delta R.T. -0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

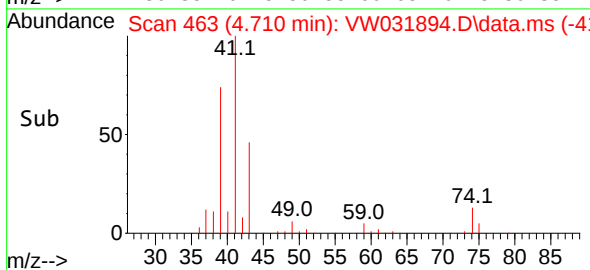
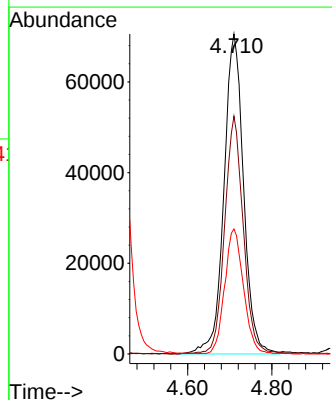
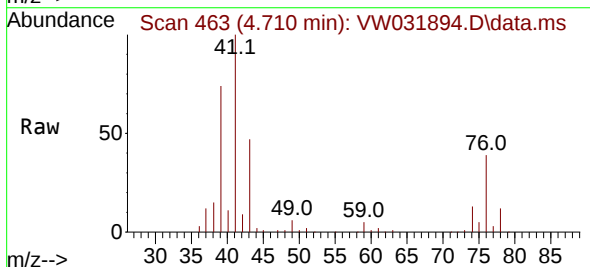
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

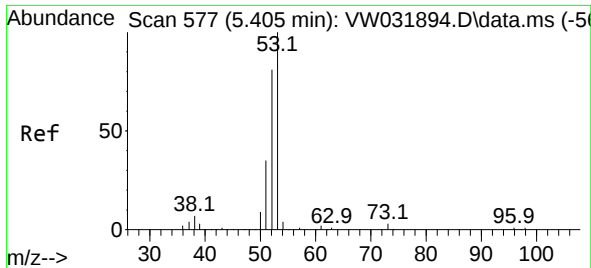
Tgt Ion: 56 Resp: 59249
Ion Ratio Lower Upper
56 100
55 70.9 56.7 85.1



#14
Allyl chloride
Concen: 48.698 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 41 Resp: 227564
Ion Ratio Lower Upper
41 100
39 70.8 56.6 85.0
76 37.6 30.1 45.1

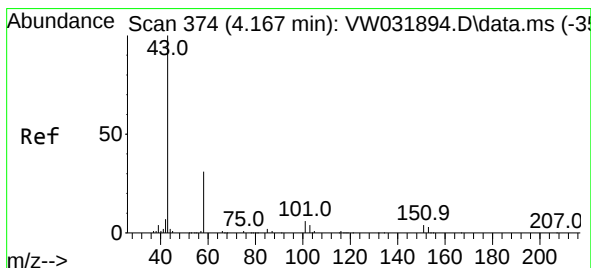
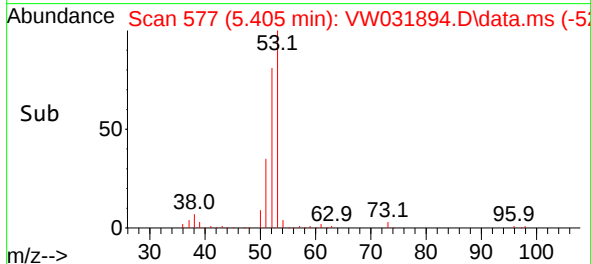
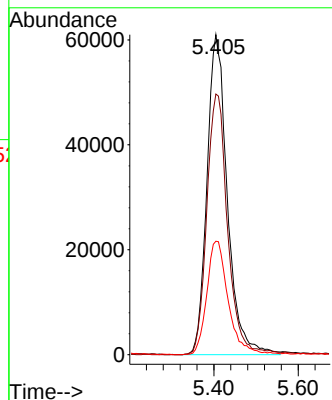
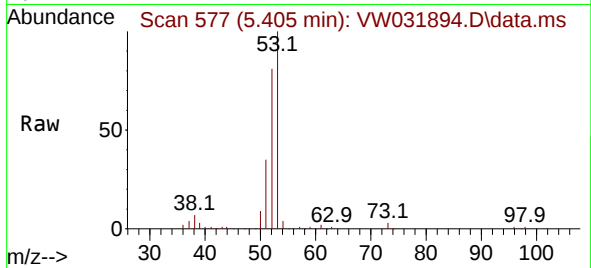




#15
Acrylonitrile
Concen: 242.948 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

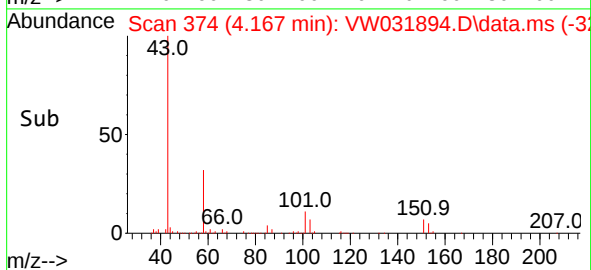
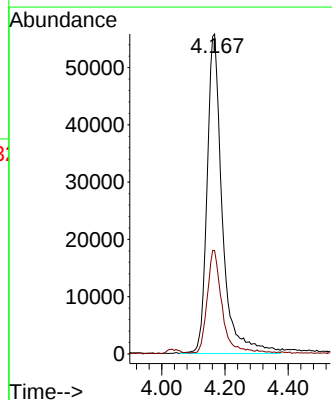
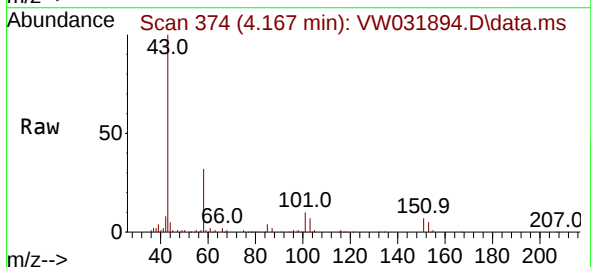
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

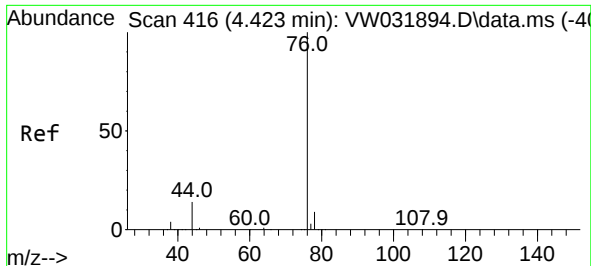
Tgt Ion: 53 Resp: 205004
Ion Ratio Lower Upper
53 100
52 83.7 67.0 100.4
51 37.4 29.9 44.9



#16
Acetone
Concen: 230.941 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 43 Resp: 186627
Ion Ratio Lower Upper
43 100
58 31.9 25.5 38.3

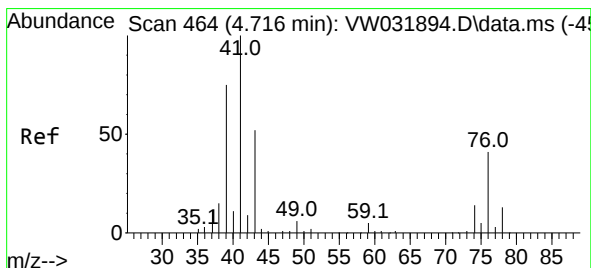
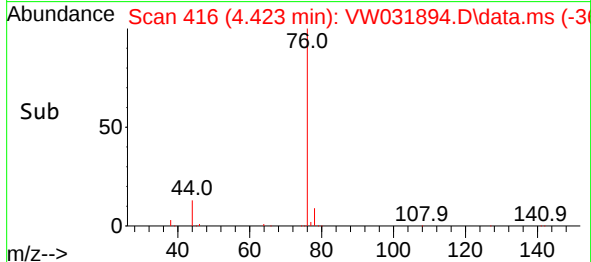
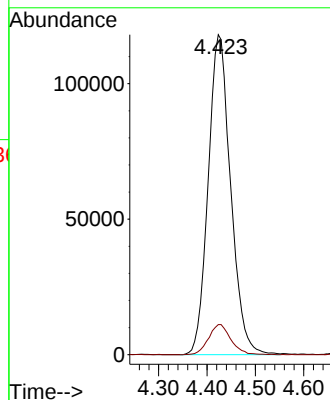
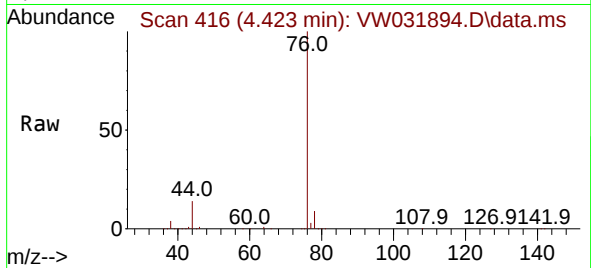




#17
Carbon Disulfide
Concen: 48.954 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

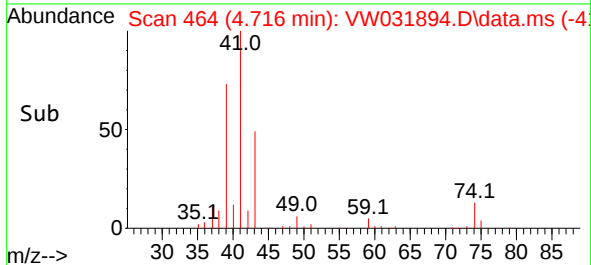
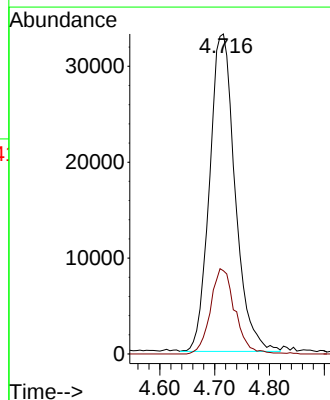
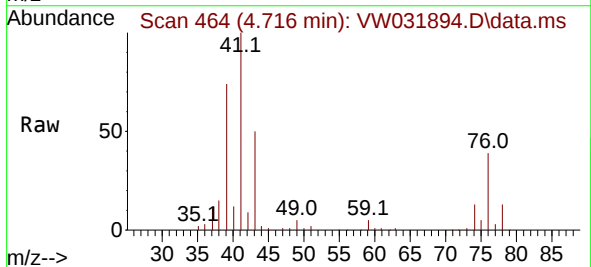
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

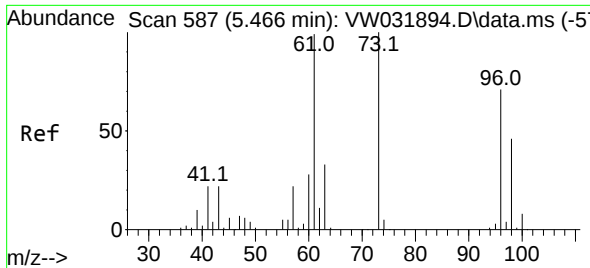
Tgt Ion: 76 Resp: 381111
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 48.056 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 43 Resp: 106992
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

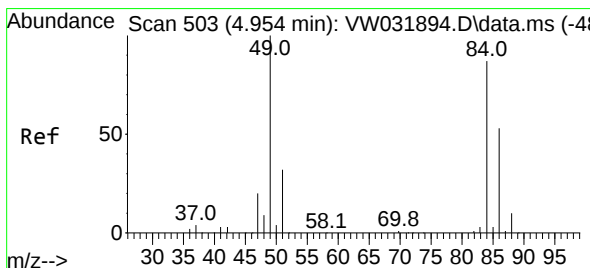
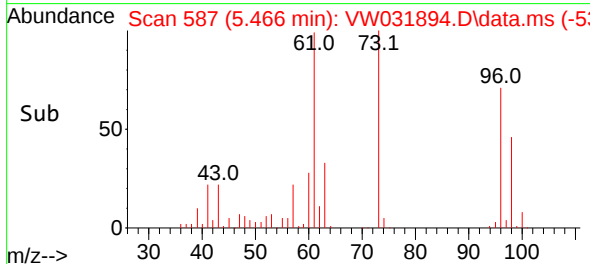
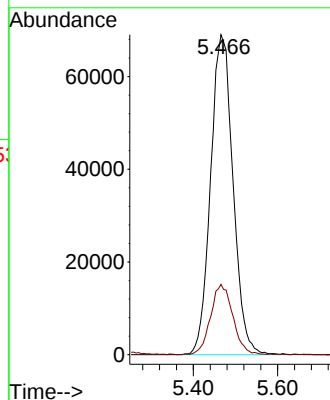
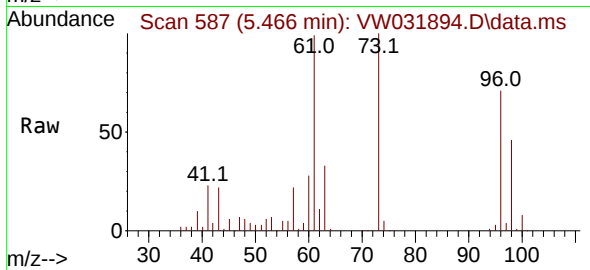




#19
Methyl tert-butyl Ether
Concen: 49.114 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

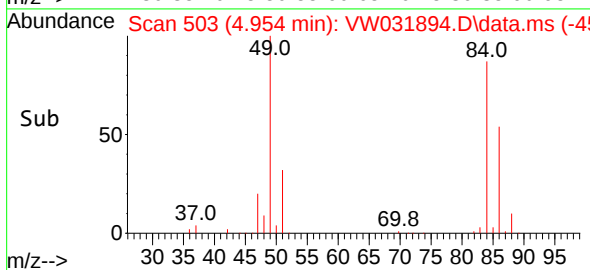
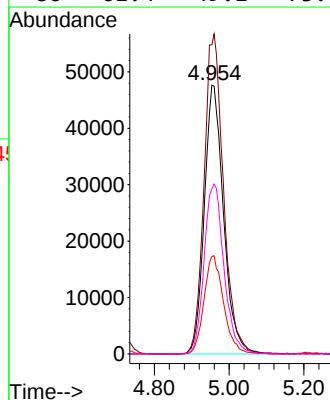
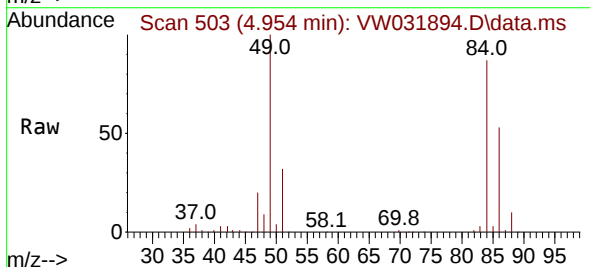
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

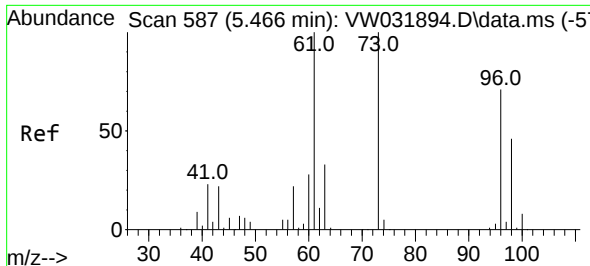
Tgt Ion: 73 Resp: 254734
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 49.149 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 84 Resp: 170144
Ion Ratio Lower Upper
84 100
49 114.9 91.9 137.9
51 36.3 29.0 43.6
86 61.4 49.1 73.7

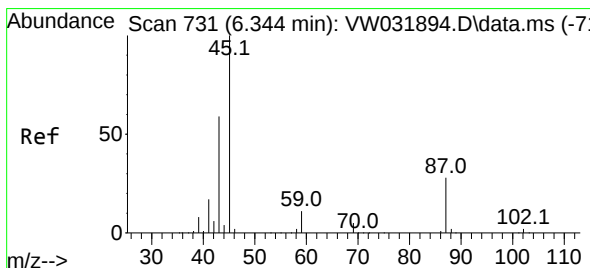
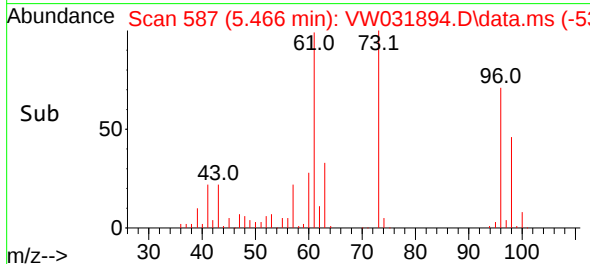
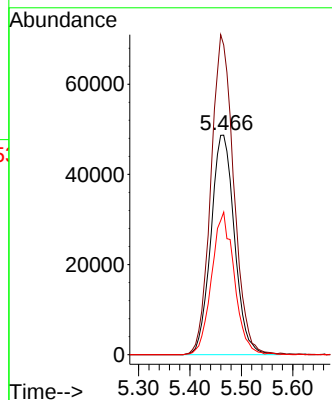
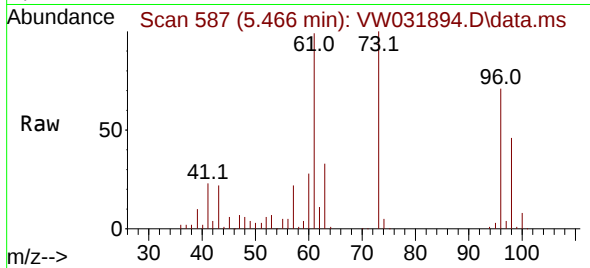




#21
trans-1,2-Dichloroethene
Concen: 48.820 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

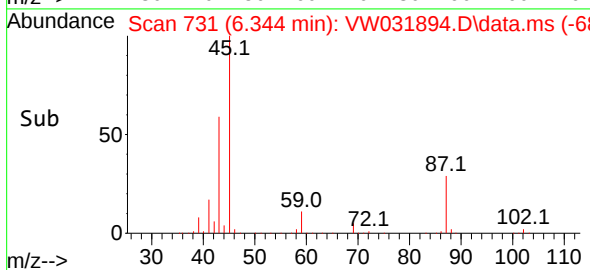
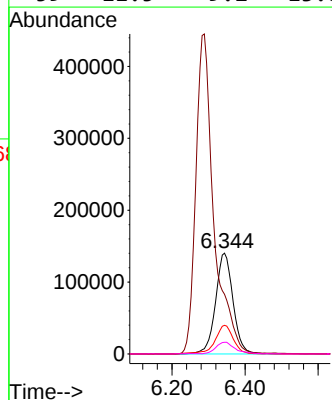
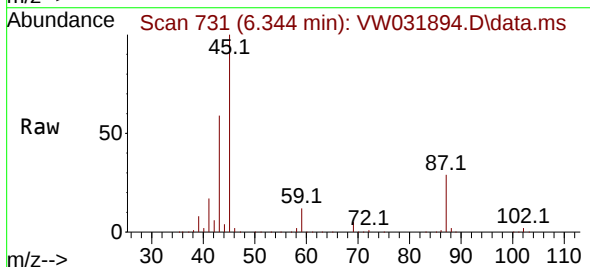
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

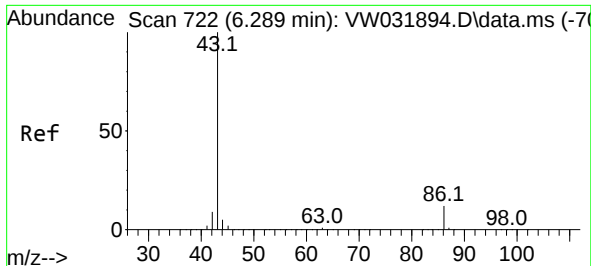
Tgt Ion: 96 Resp: 155488
Ion Ratio Lower Upper
96 100
61 141.0 112.8 169.2
98 64.9 51.9 77.9



#22
Diisopropyl ether
Concen: 49.771 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 45 Resp: 465380
Ion Ratio Lower Upper
45 100
43 58.8 47.0 70.6
87 28.5 22.8 34.2
59 11.5 9.2 13.8

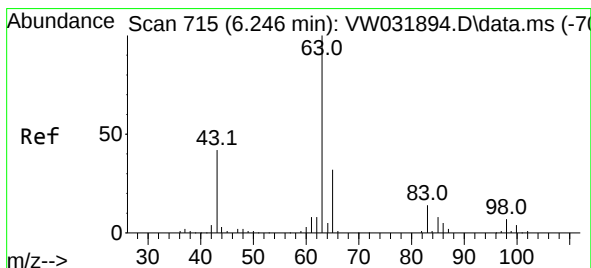
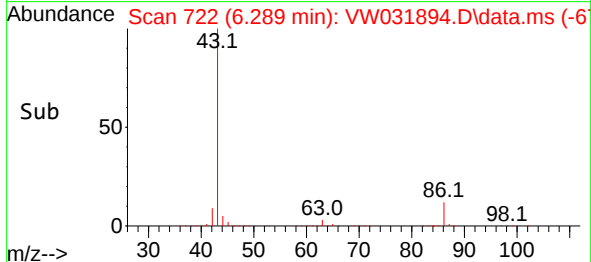
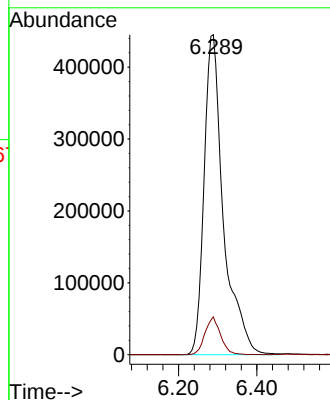
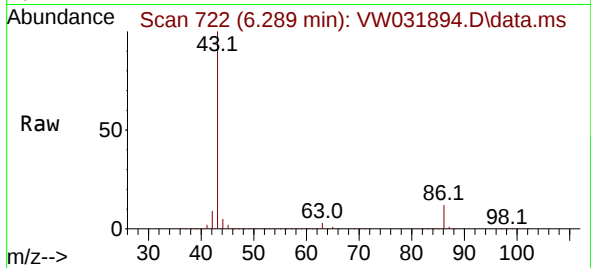




#23
 Vinyl Acetate
 Concen: 249.686 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

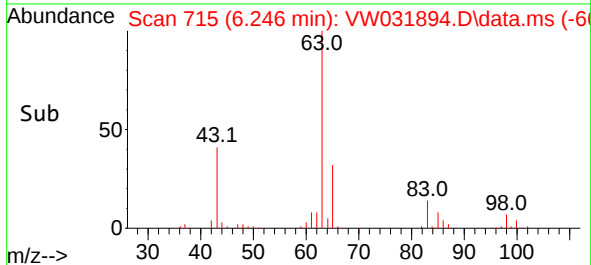
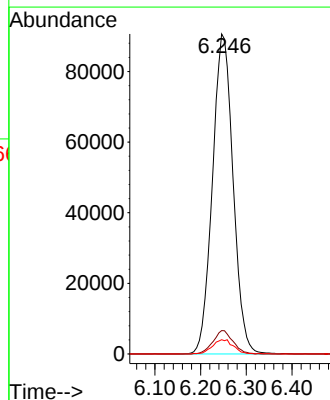
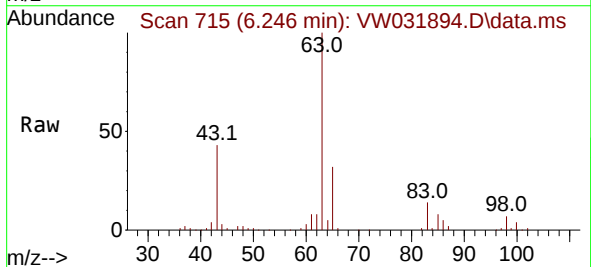
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

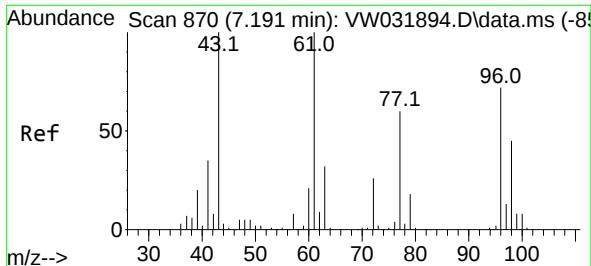
Tgt Ion: 43 Resp: 1525293
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 48.847 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

Tgt Ion: 63 Resp: 284373
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.4 2.2 6.6

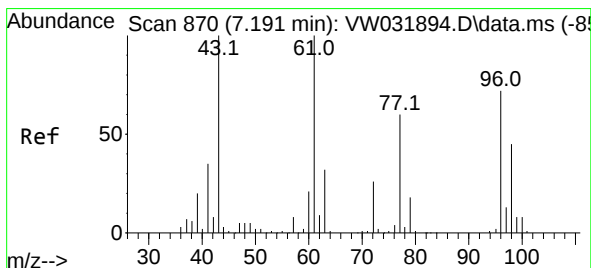
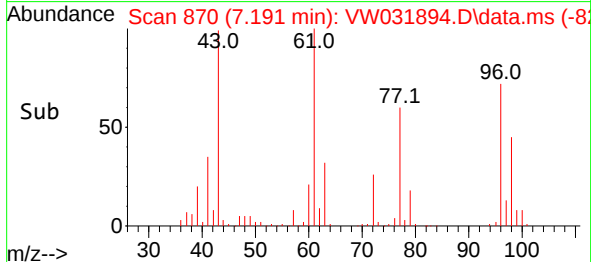
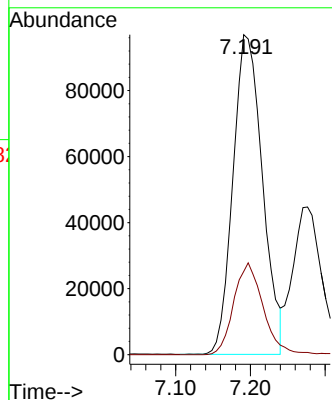
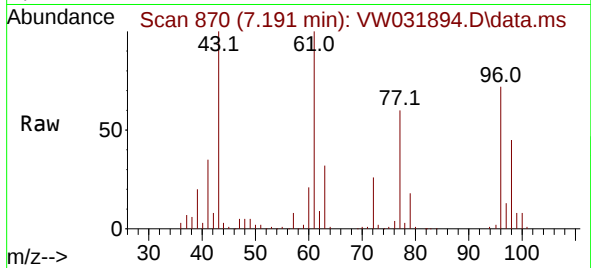




#25
2-Butanone
Concen: 240.629 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

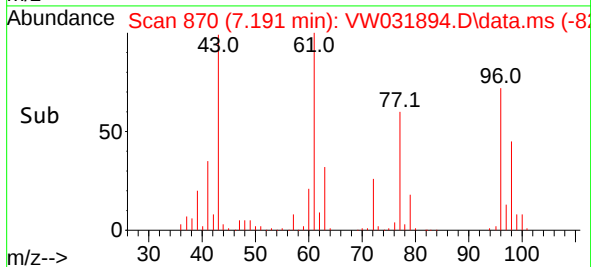
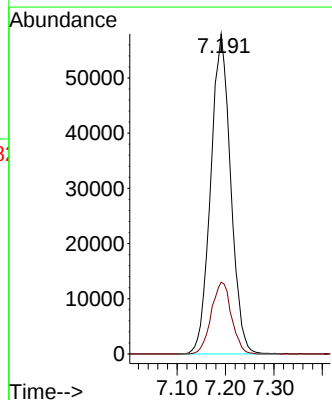
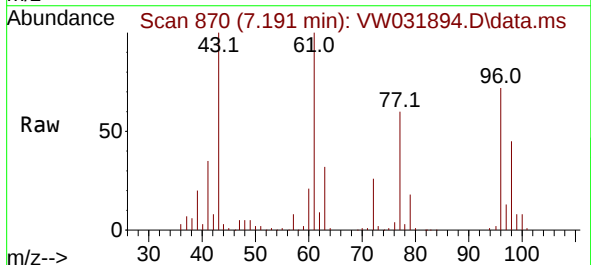
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

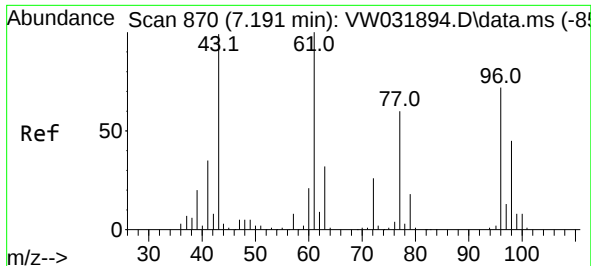
Tgt Ion: 43 Resp: 266059
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 50.437 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 77 Resp: 166236
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.549 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

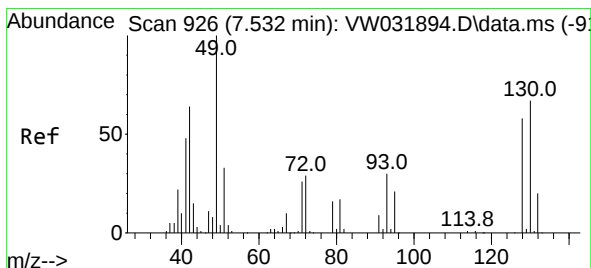
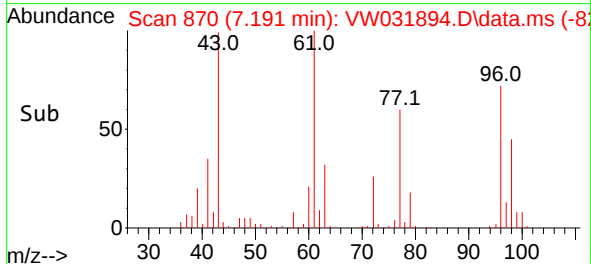
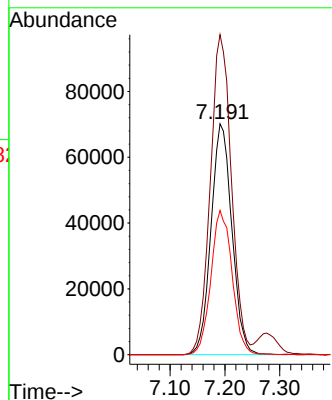
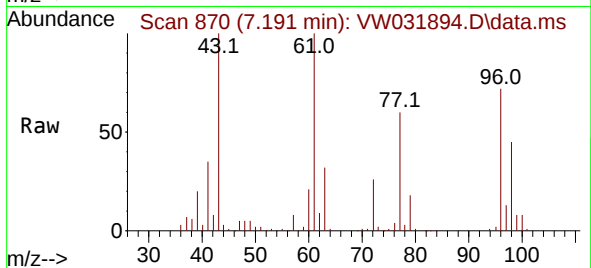
Tgt Ion: 96 Resp: 185527

Ion Ratio Lower Upper

96 100

61 140.1 0.0 280.2

98 63.4 0.0 126.8



#28

Bromochloromethane

Concen: 48.577 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

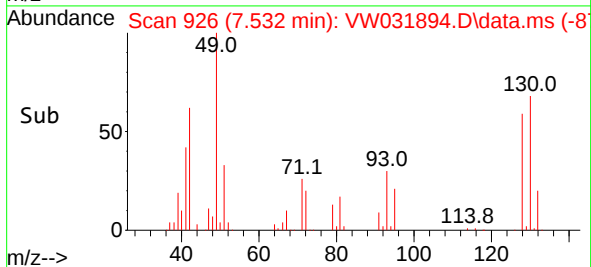
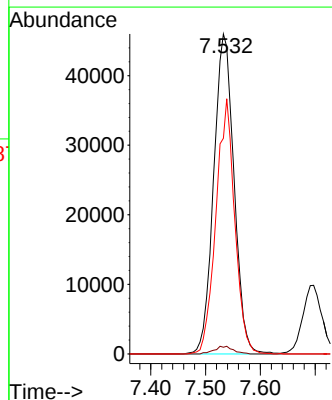
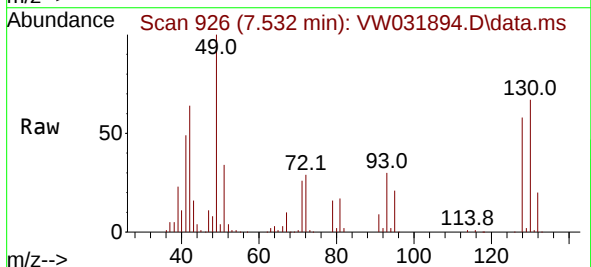
Tgt Ion: 49 Resp: 118407

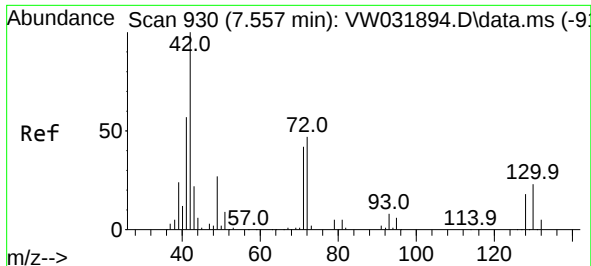
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 73.7 59.0 88.4

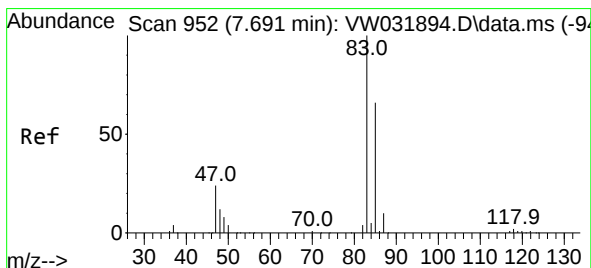
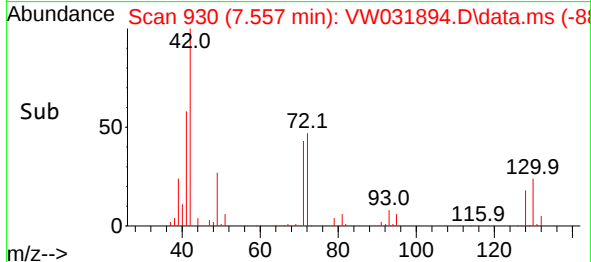
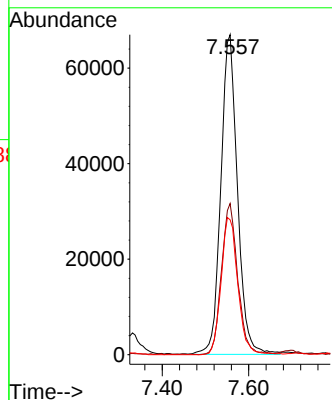
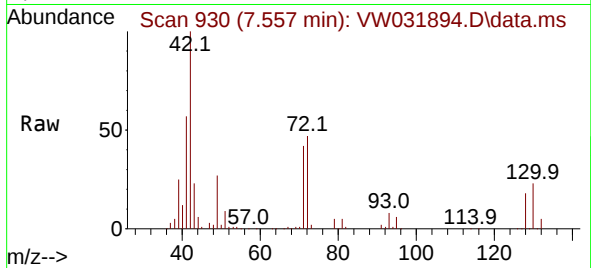




#29
Tetrahydrofuran
Concen: 247.172 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

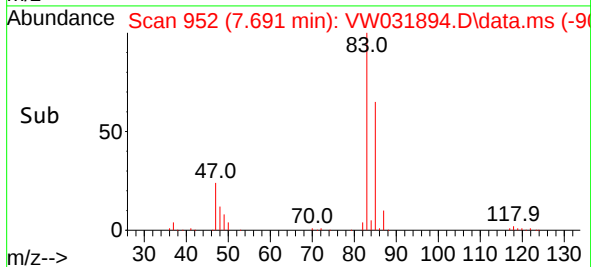
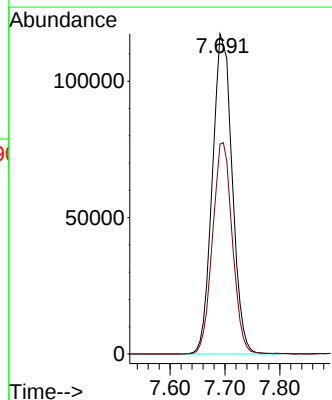
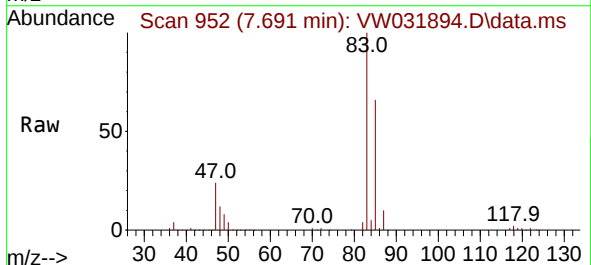
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

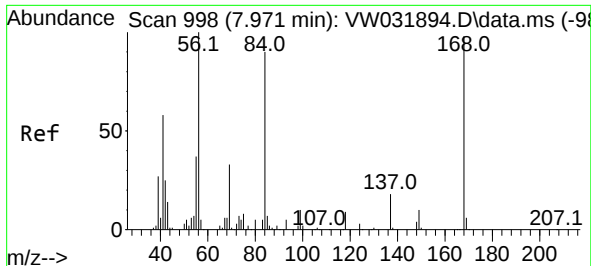
Tgt Ion: 42 Resp: 179179
Ion Ratio Lower Upper
42 100
72 46.3 37.0 55.6
71 43.1 34.5 51.7



#30
Chloroform
Concen: 48.459 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 83 Resp: 295801
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8

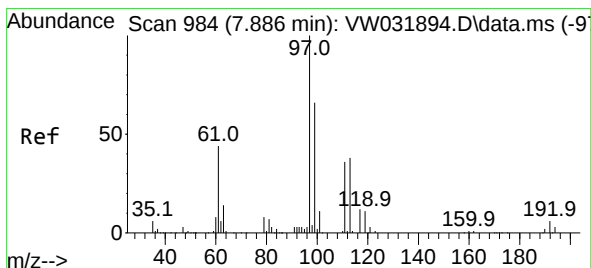
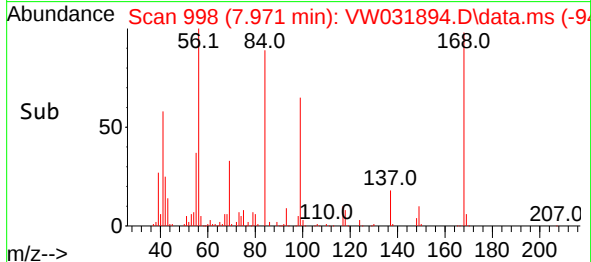
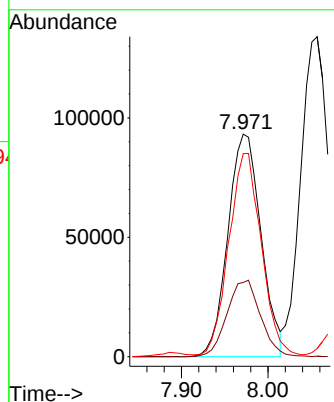
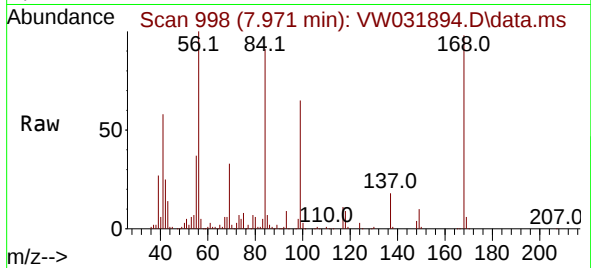




#31
Cyclohexane
Concen: 47.389 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

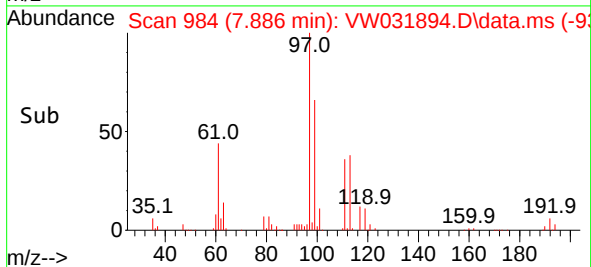
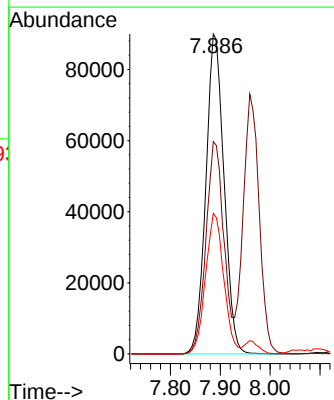
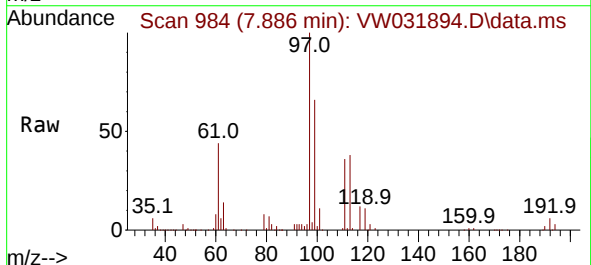
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

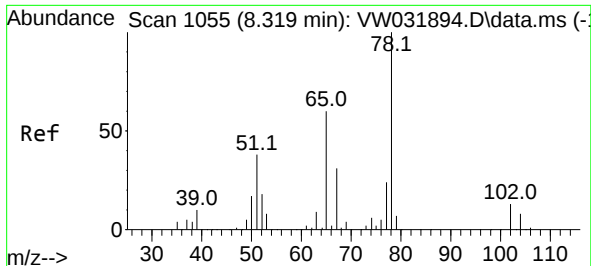
Tgt Ion: 56 Resp: 247509
Ion Ratio Lower Upper
56 100
69 33.4 26.7 40.1
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.961 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 97 Resp: 227418
Ion Ratio Lower Upper
97 100
99 66.2 53.0 79.4
61 44.2 35.4 53.0

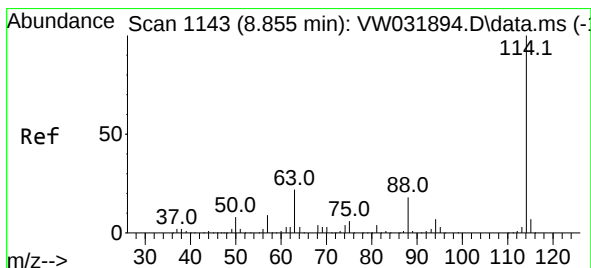
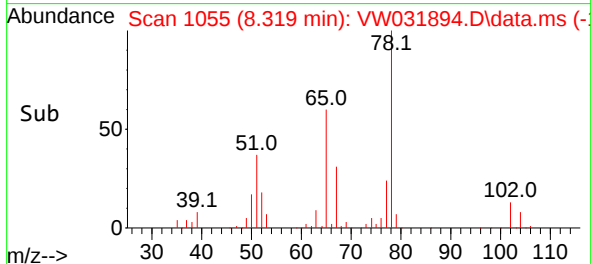
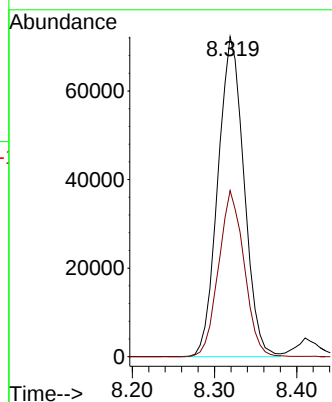
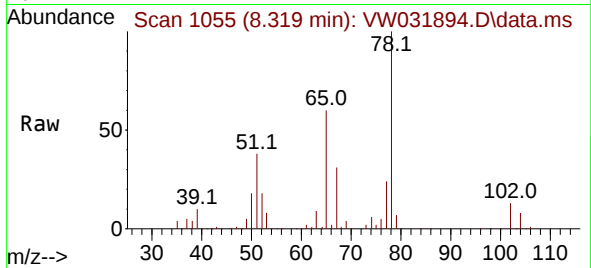




#33
 1,2-Dichloroethane-d4
 Concen: 46.880 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

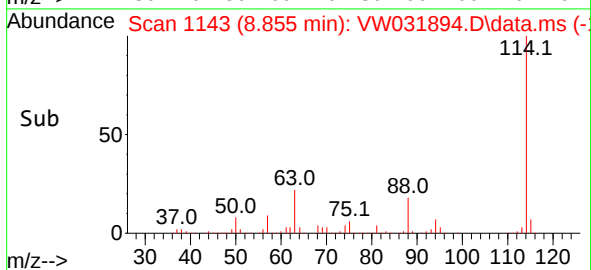
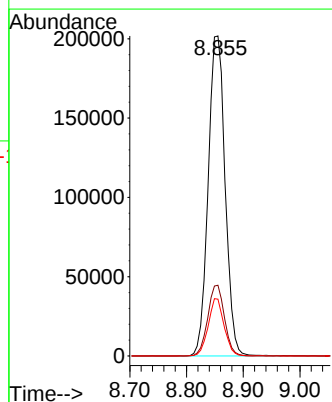
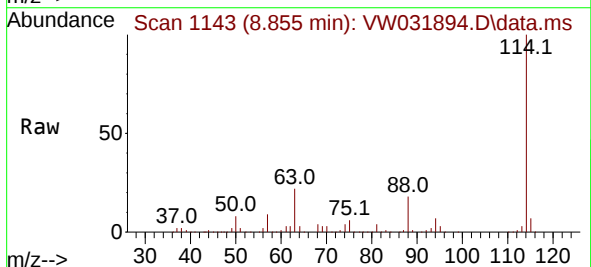
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

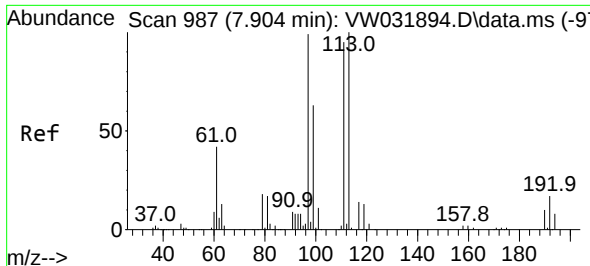
Tgt Ion: 65 Resp: 159650
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

Tgt Ion: 114 Resp: 418592
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 17.8 0.0 35.6

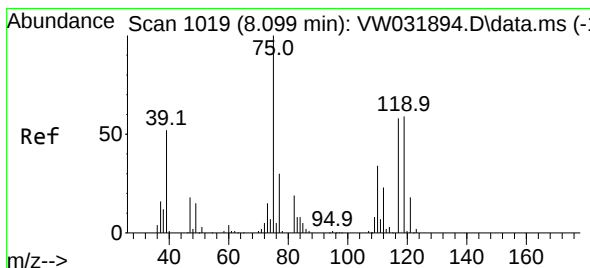
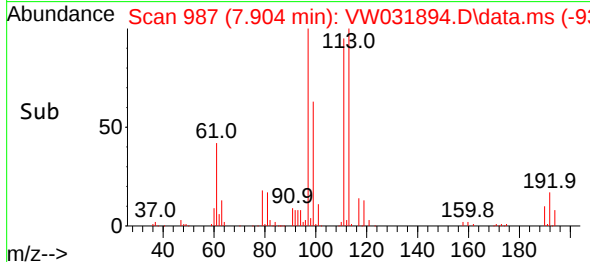
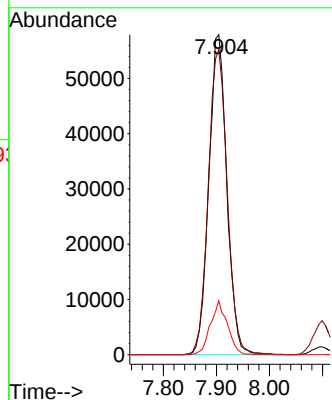
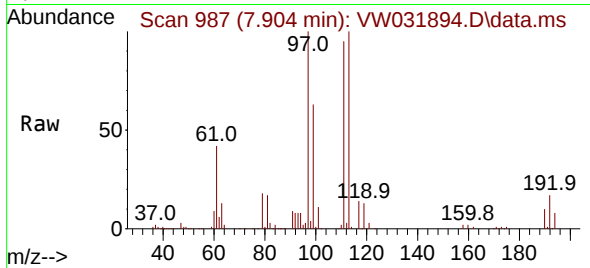




#35
Dibromofluoromethane
Concen: 48.025 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

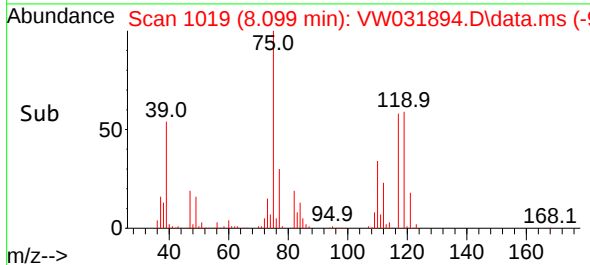
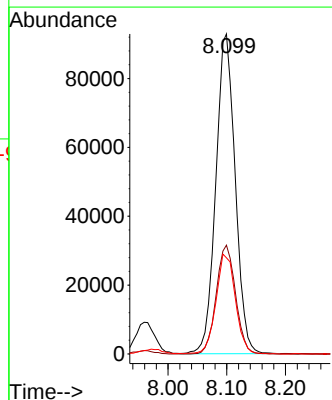
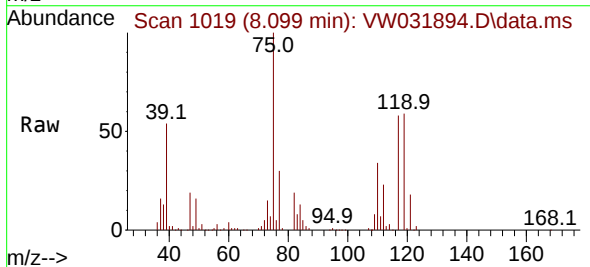
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

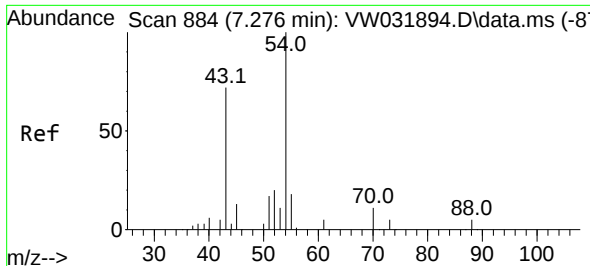
Tgt Ion:113 Resp: 136603
Ion Ratio Lower Upper
113 100
111 99.9 79.9 119.9
192 15.8 12.6 19.0



#36
1,1-Dichloropropene
Concen: 48.794 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 75 Resp: 213142
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 31.4 25.1 37.7

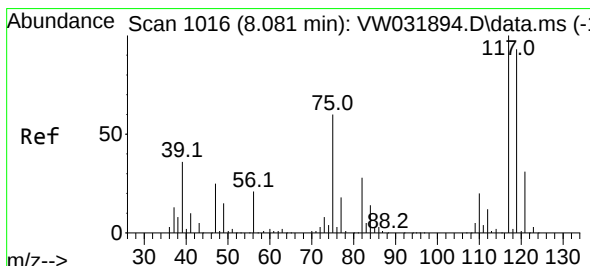
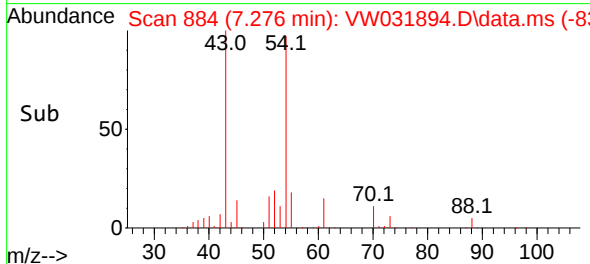
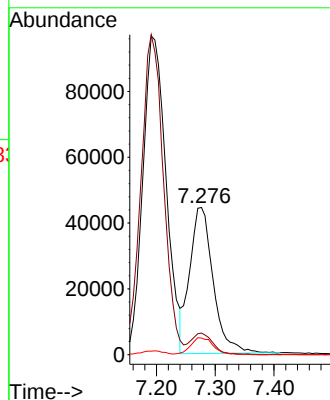
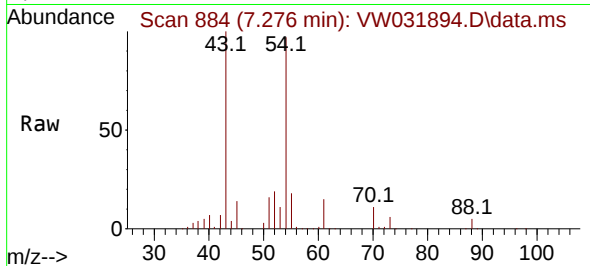




#37
Ethyl Acetate
Concen: 49.627 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

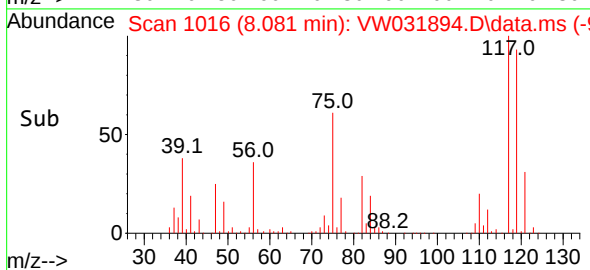
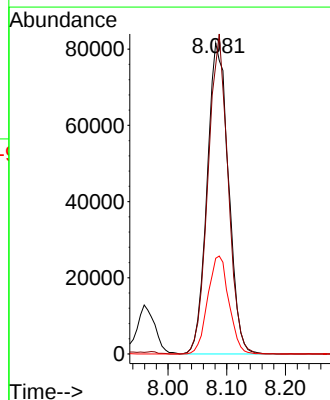
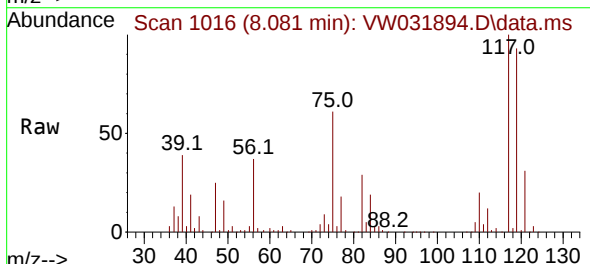
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

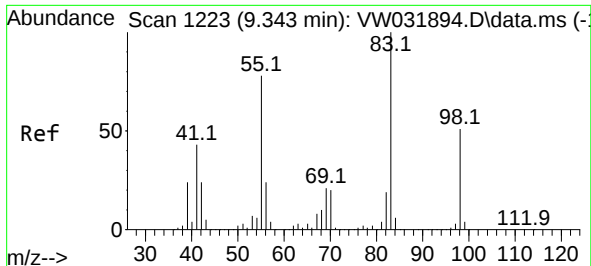
Tgt Ion: 43 Resp: 123663
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 11.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 49.190 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 117 Resp: 206216
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 50.000 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

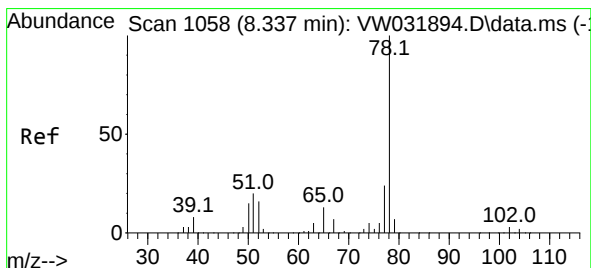
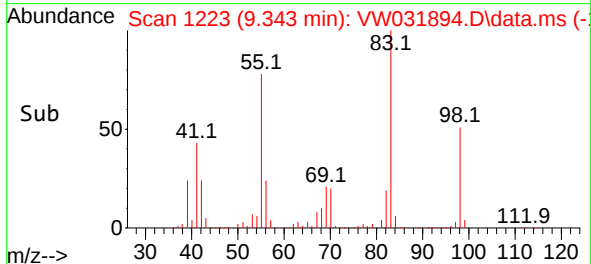
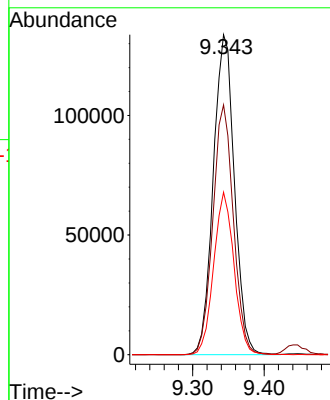
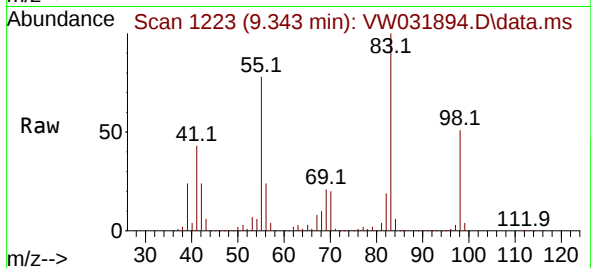
Tgt Ion: 83 Resp: 274858

Ion Ratio Lower Upper

83 100

55 78.1 62.5 93.7

98 50.8 40.6 61.0



#40

Benzene

Concen: 49.197 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031894.D

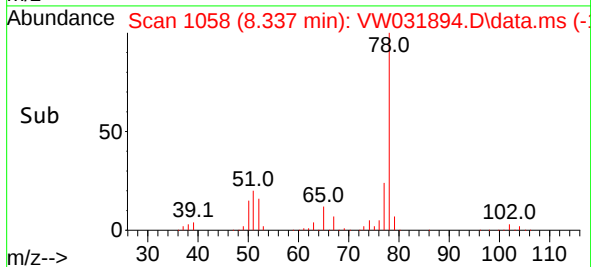
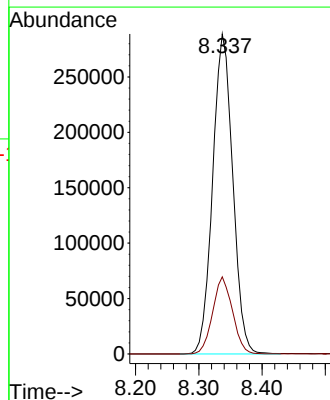
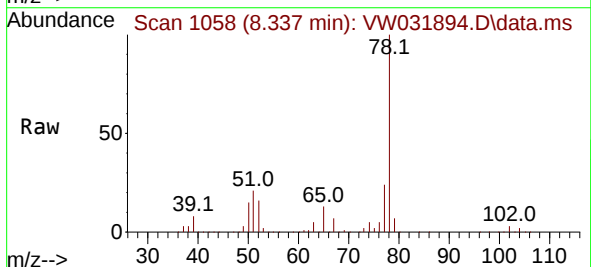
Acq: 22 Jul 2025 10:39

Tgt Ion: 78 Resp: 636145

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

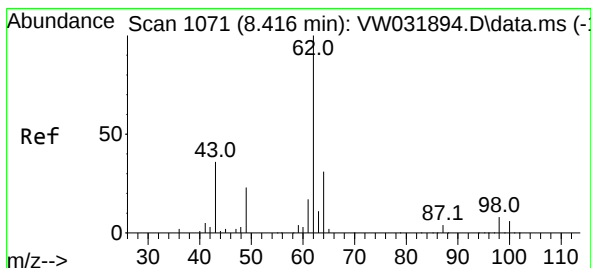
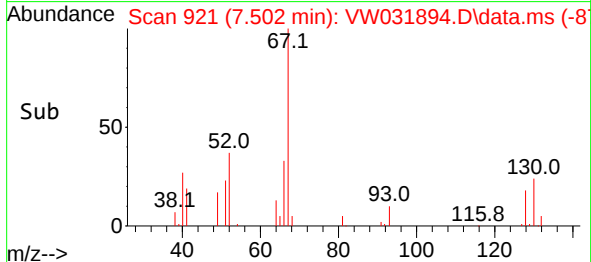
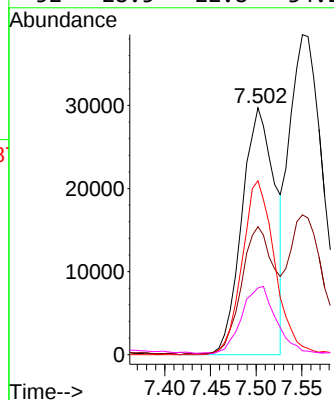
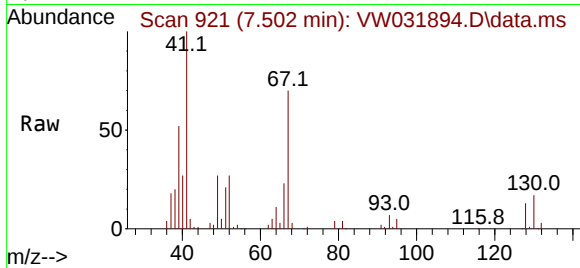




#41
Methacrylonitrile
Concen: 51.112 ug/l
RT: 7.502 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

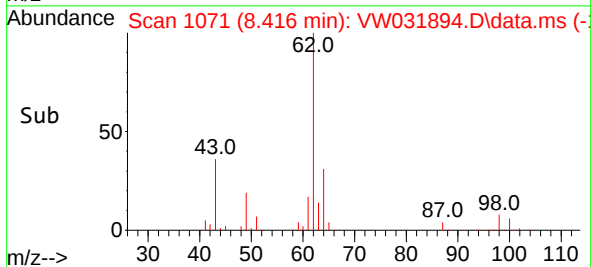
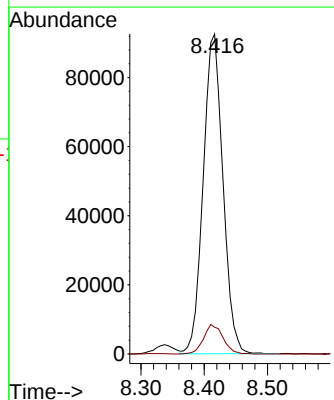
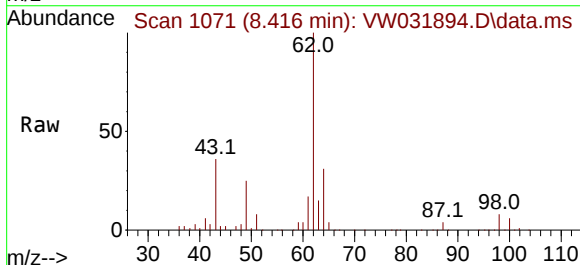
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

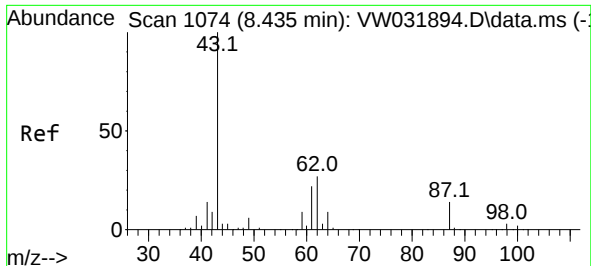
Tgt Ion: 41	Resp: 75019
Ion Ratio	Lower Upper
41 100	
39 51.4	41.1 61.7
67 70.3	56.2 84.4
52 28.5	22.8 34.2



#42
1,2-Dichloroethane
Concen: 48.561 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 62	Resp: 200964
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.2

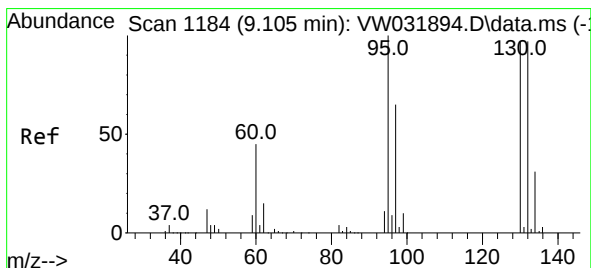
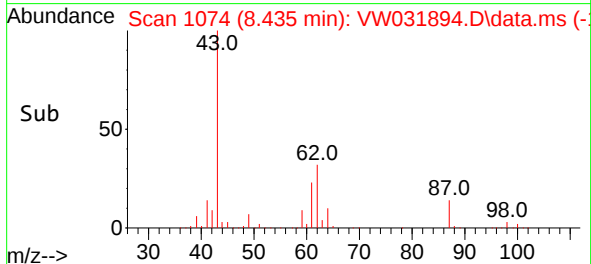
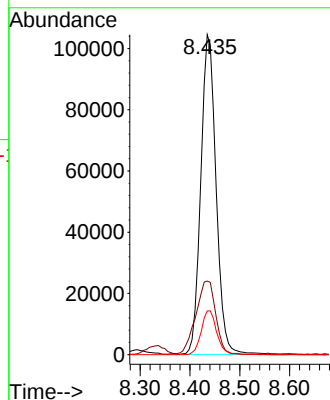
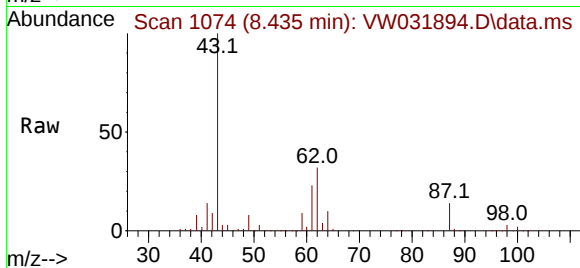




#43
Isopropyl Acetate
Concen: 49.250 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

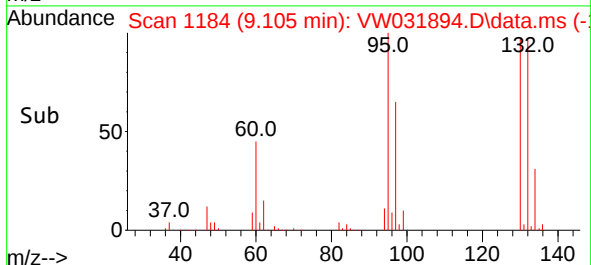
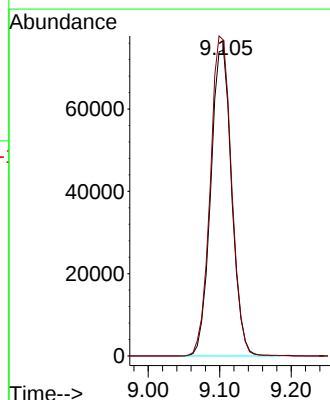
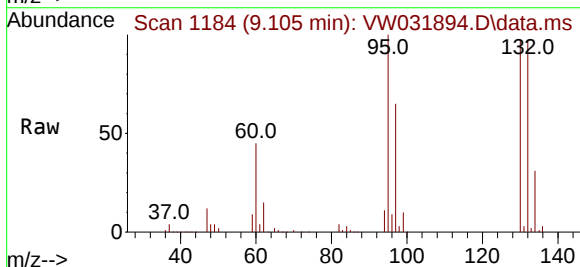
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

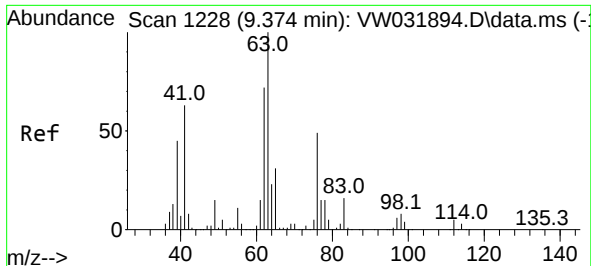
Tgt Ion: 43 Resp: 222170
Ion Ratio Lower Upper
43 100
61 30.0 24.0 36.0
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 49.368 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:130 Resp: 151736
Ion Ratio Lower Upper
130 100
95 103.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 48.420 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

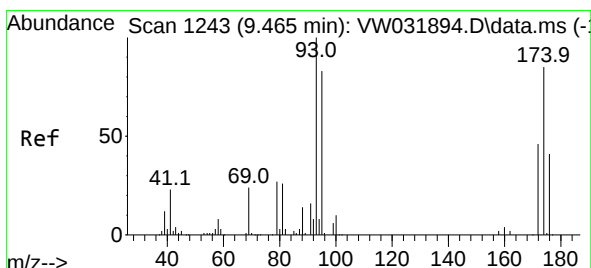
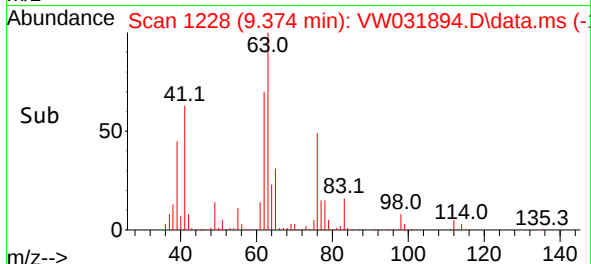
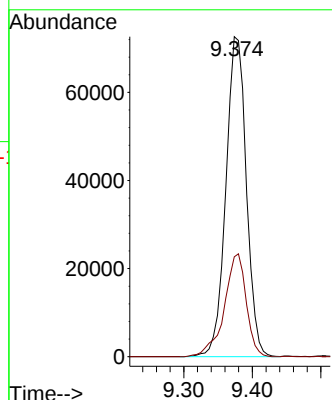
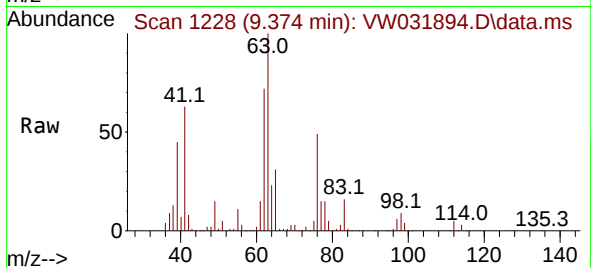
VSTDICCC050

Tgt Ion: 63 Resp: 150788

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#46

Dibromomethane

Concen: 48.942 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

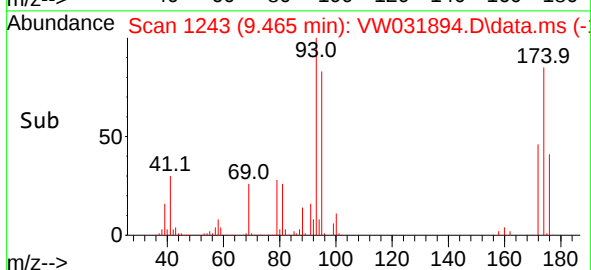
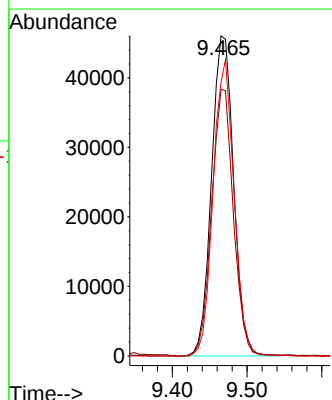
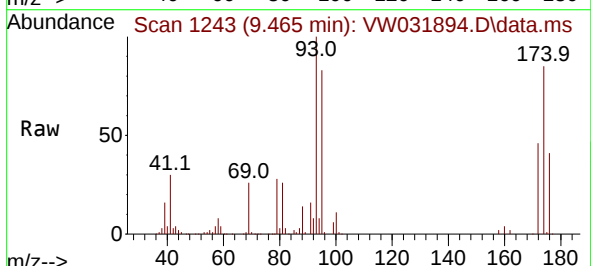
Tgt Ion: 93 Resp: 94479

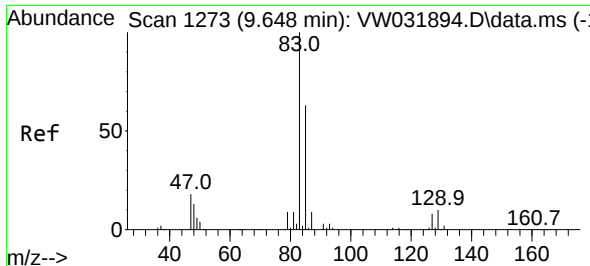
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 87.7 70.2 105.2

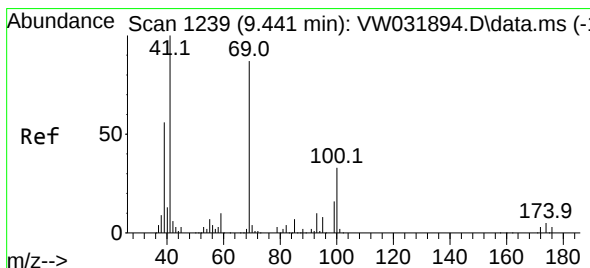
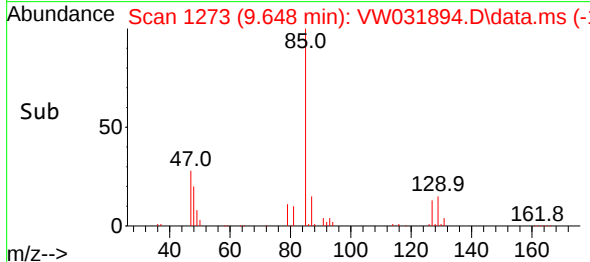
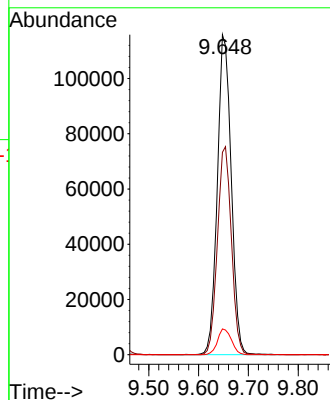
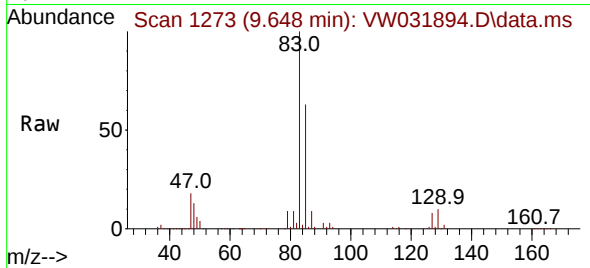




#47
Bromodichloromethane
Concen: 48.359 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

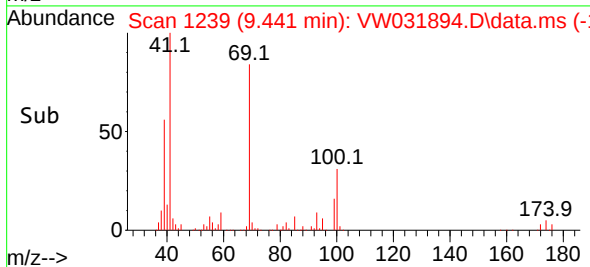
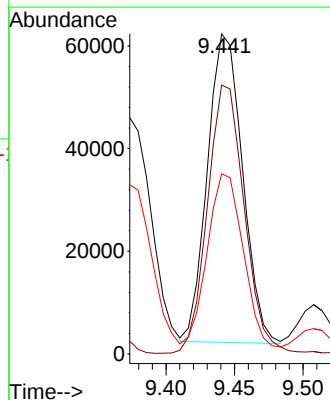
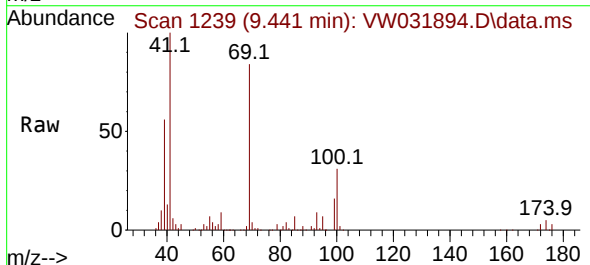
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

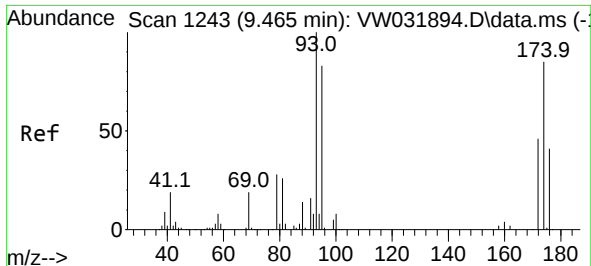
Tgt Ion: 83 Resp: 223852
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 49.887 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 41 Resp: 107066
Ion Ratio Lower Upper
41 100
69 92.0 73.6 110.4
39 56.9 45.5 68.3





#49

1,4-Dioxane

Concen: 1134.591 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

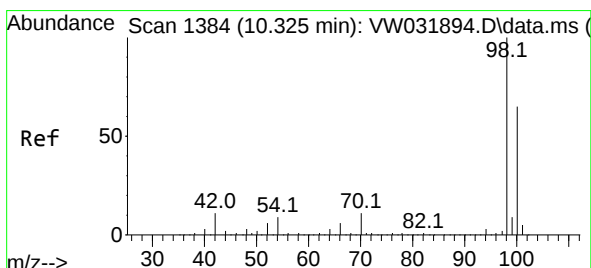
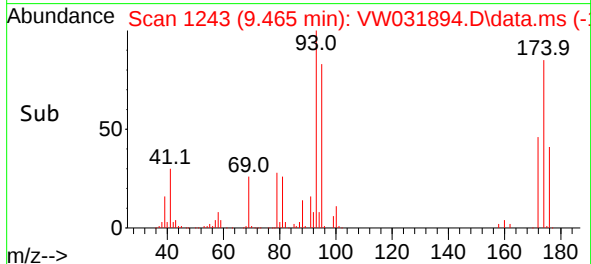
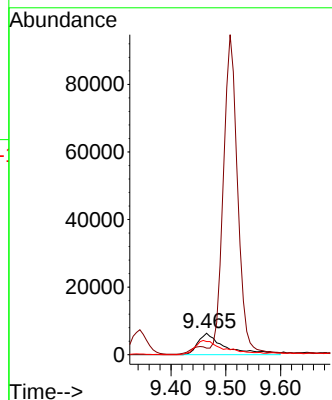
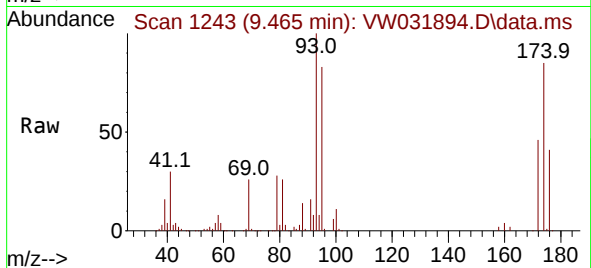
Tgt Ion: 88 Resp: 21855

Ion Ratio Lower Upper

88 100

43 23.7 19.0 28.4

58 72.7 58.2 87.2



#50

Toluene-d8

Concen: 47.590 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031894.D

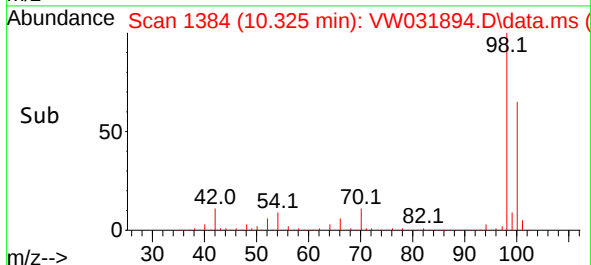
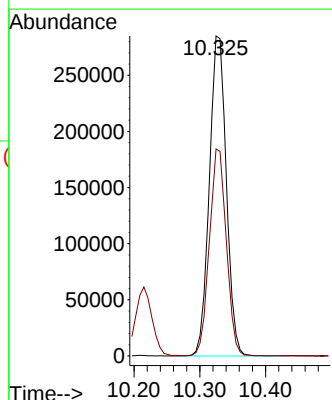
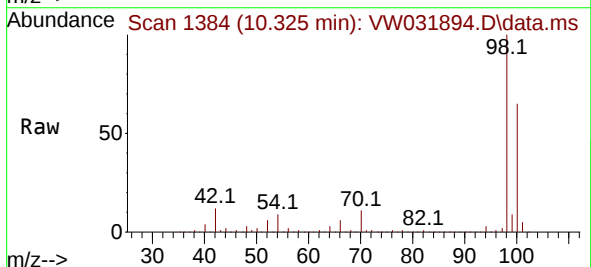
Acq: 22 Jul 2025 10:39

Tgt Ion: 98 Resp: 512311

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

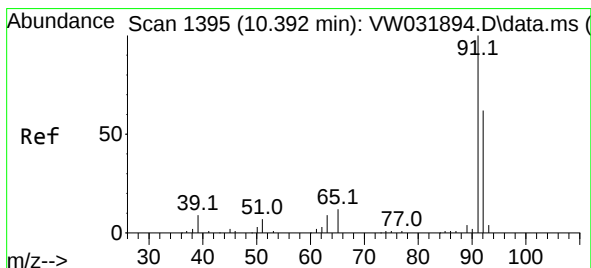
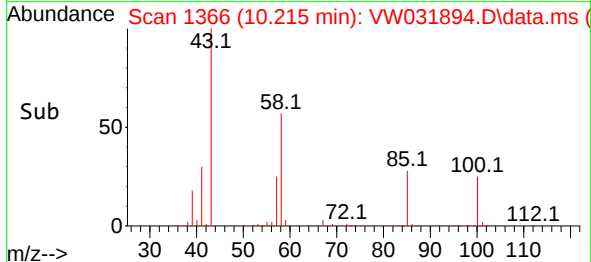
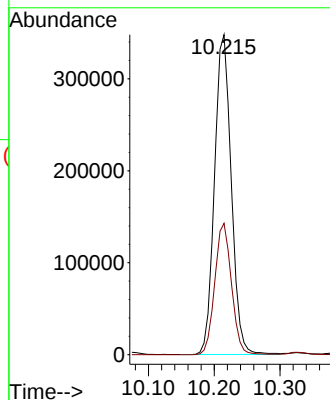
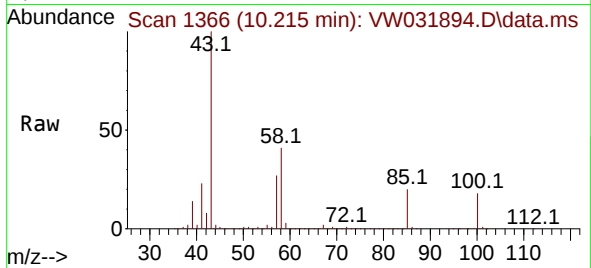




#51
4-Methyl-2-Pentanone
Concen: 250.133 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

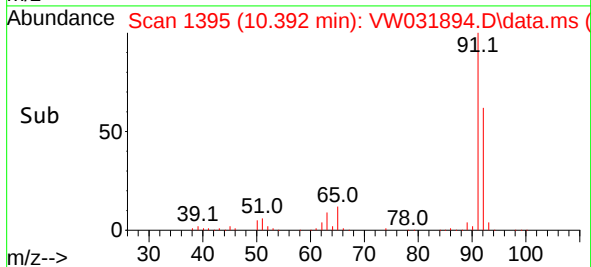
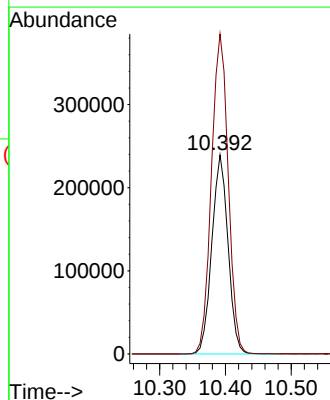
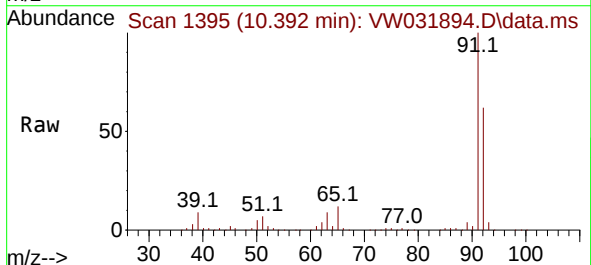
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

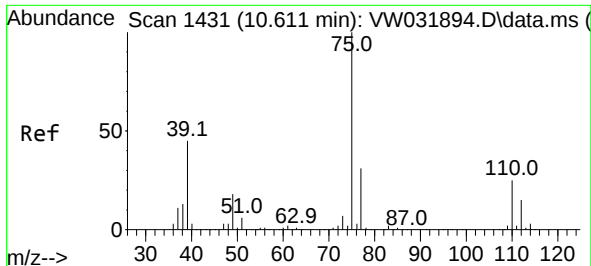
Tgt Ion: 43 Resp: 617526
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2



#52
Toluene
Concen: 49.301 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 92 Resp: 409807
Ion Ratio Lower Upper
92 100
91 167.1 133.7 200.5

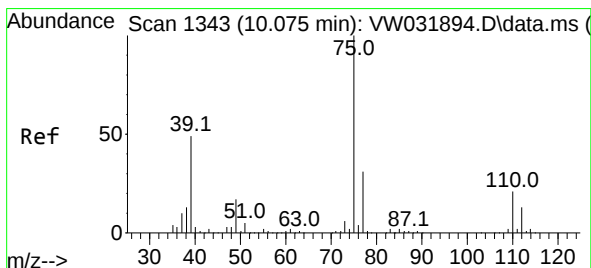
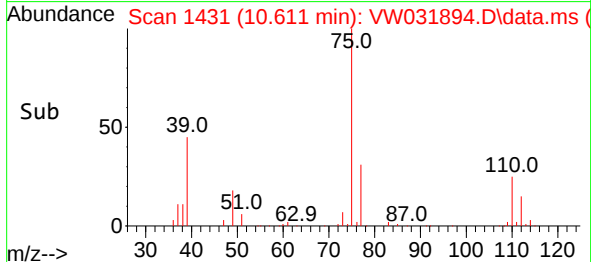
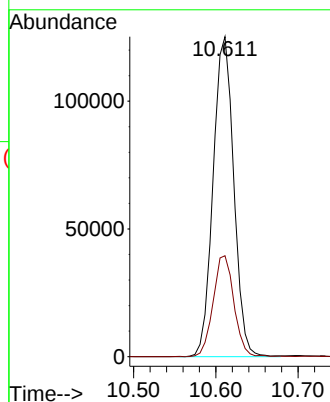
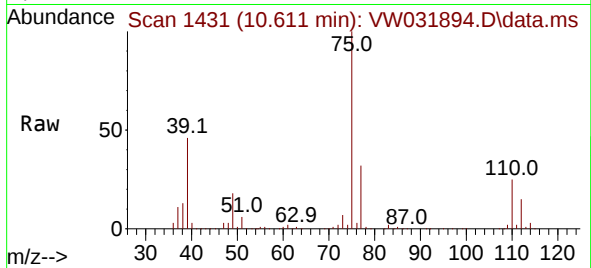




#53
t-1,3-Dichloropropene
Concen: 49.187 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

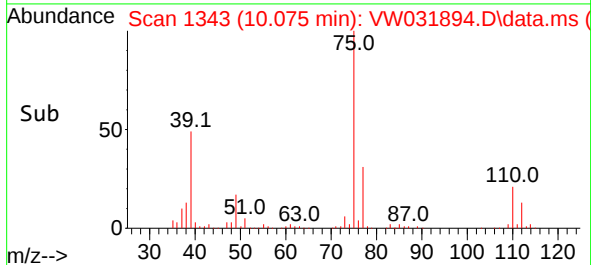
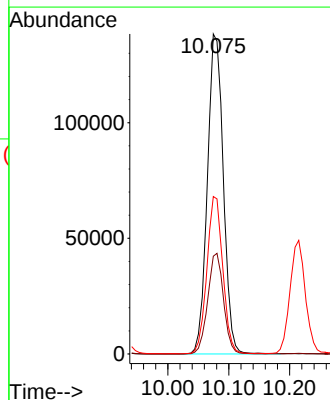
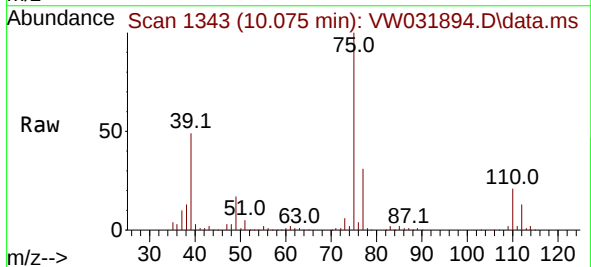
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

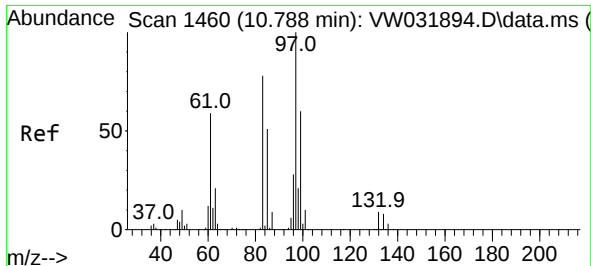
Tgt Ion: 75 Resp: 218411
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 49.658 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 75 Resp: 251812
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 49.1 39.3 58.9



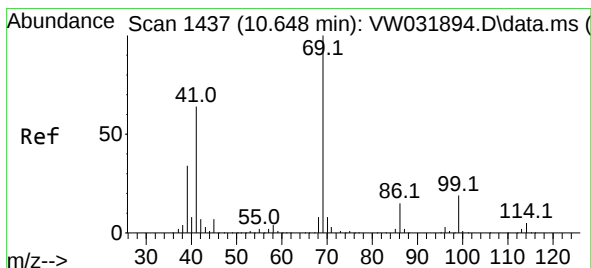
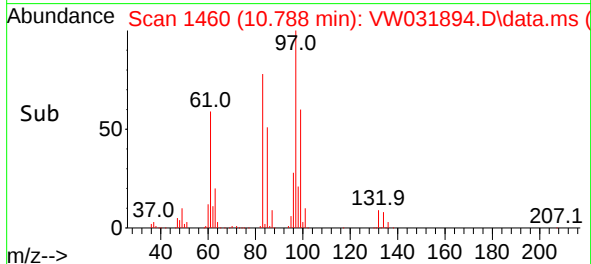
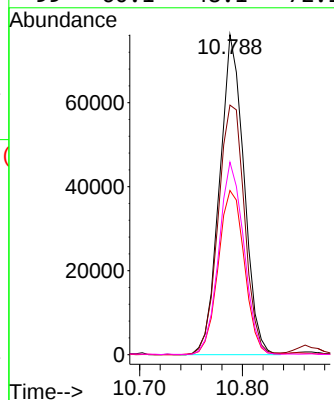
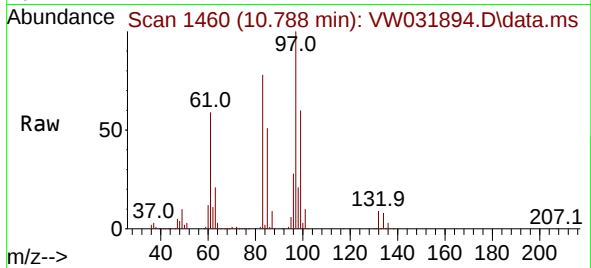


#55
1,1,2-Trichloroethane
Concen: 48.955 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 125532

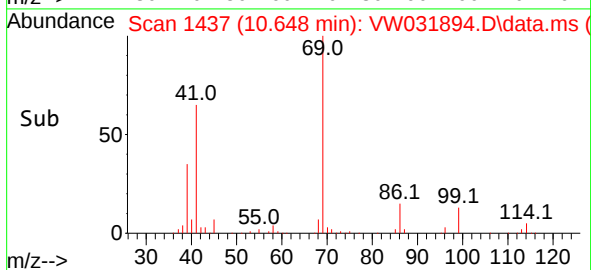
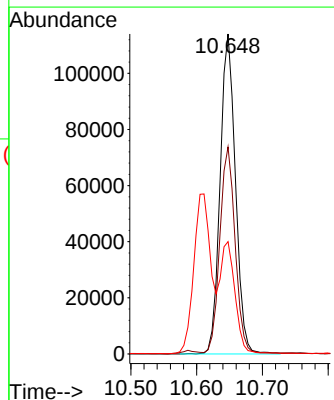
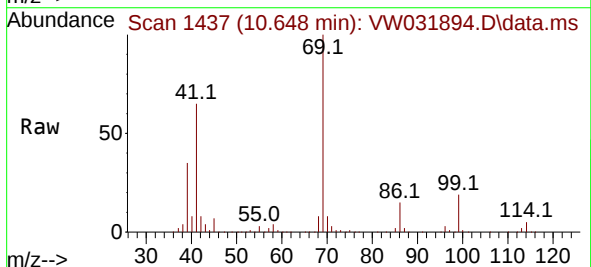
Ion	Ratio	Lower	Upper
97	100		
83	78.0	62.4	93.6
85	51.3	41.0	61.6
99	60.1	48.1	72.1

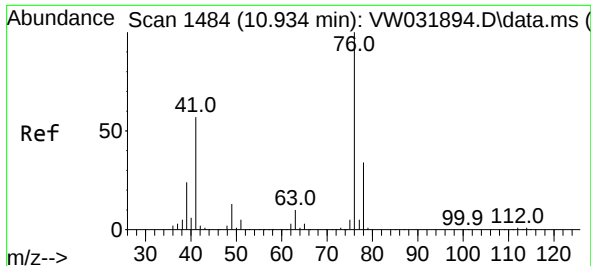


#56
Ethyl methacrylate
Concen: 51.081 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 69 Resp: 184989

Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.0	78.0
39	33.3	26.6	40.0

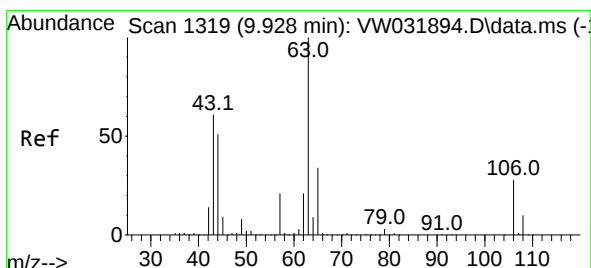
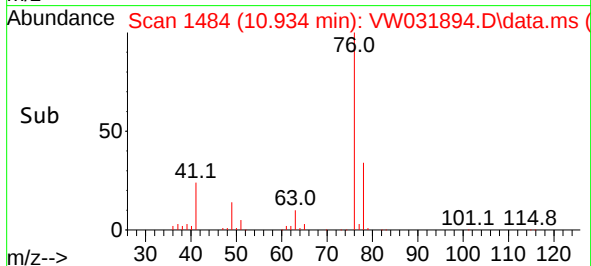
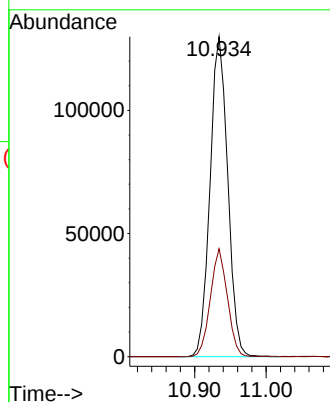
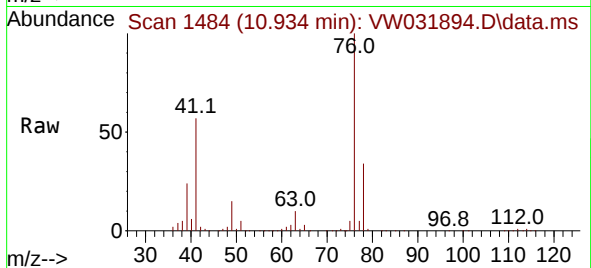




#57
1,3-Dichloropropane
Concen: 49.412 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

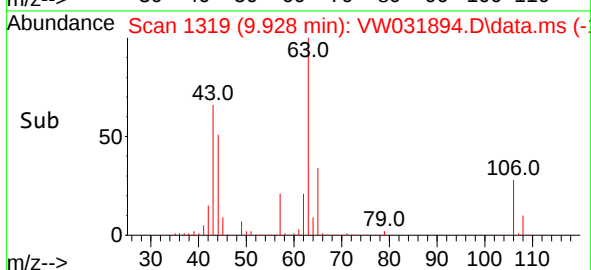
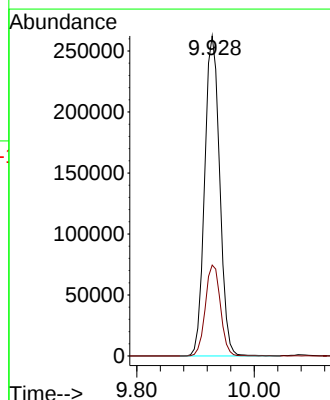
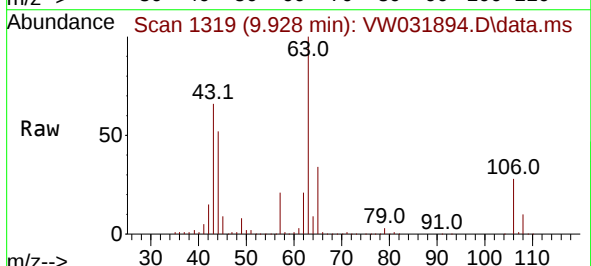
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

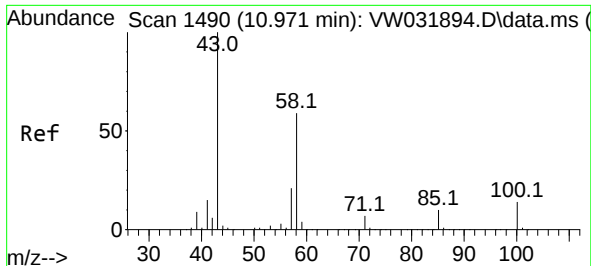
Tgt Ion: 76 Resp: 223219
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 251.042 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 63 Resp: 466986
Ion Ratio Lower Upper
63 100
106 28.4 22.7 34.1

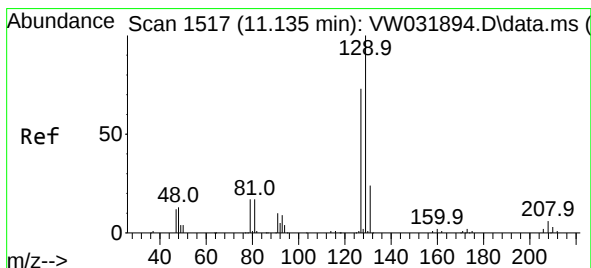
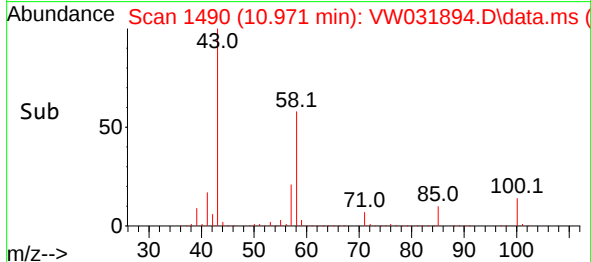
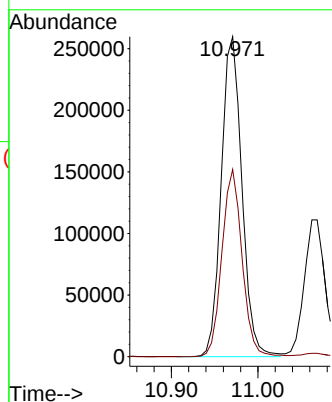
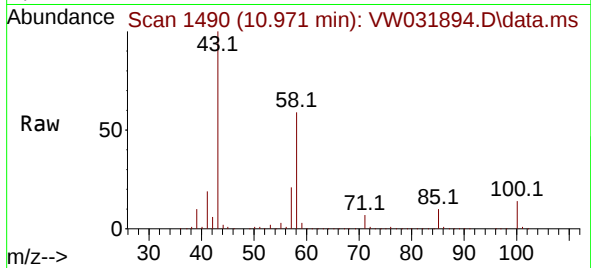




#59
2-Hexanone
Concen: 250.784 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

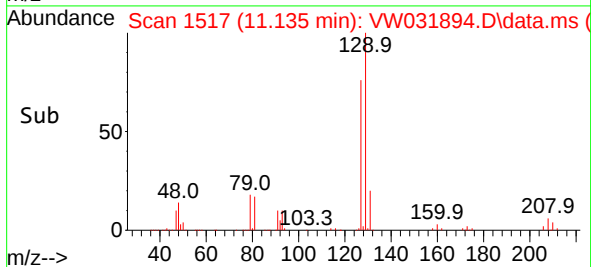
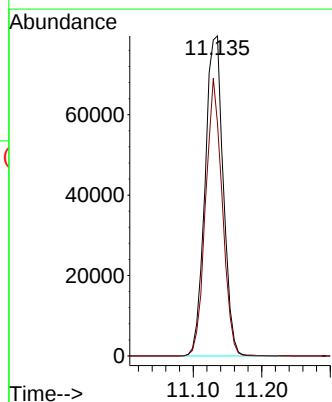
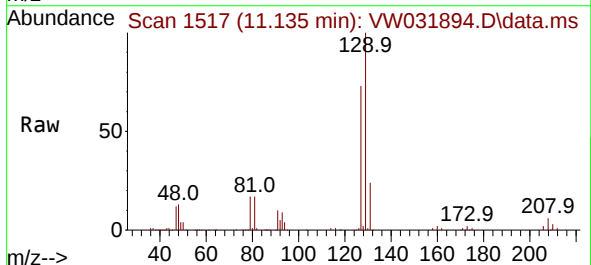
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

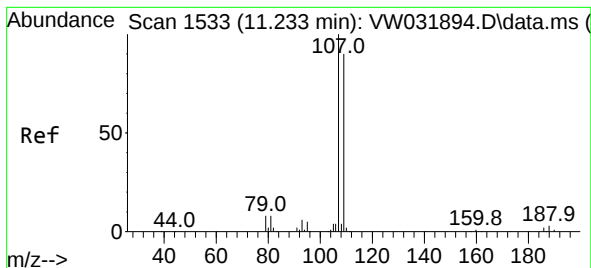
Tgt Ion: 43 Resp: 430358
Ion Ratio Lower Upper
43 100
58 57.1 28.5 85.6



#60
Dibromochloromethane
Concen: 49.183 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 129 Resp: 147041
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8

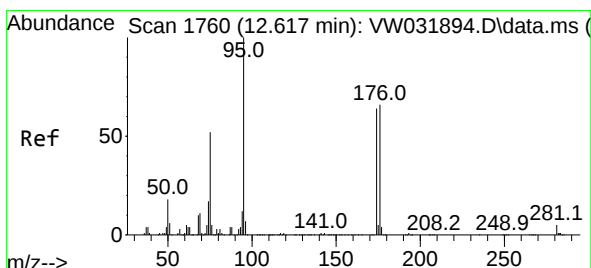
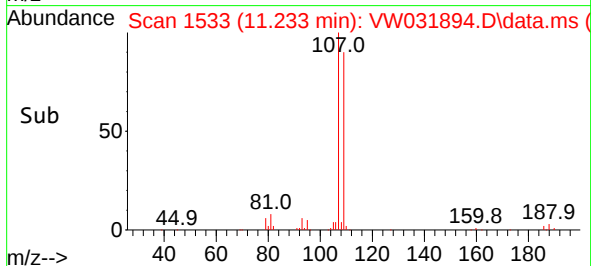
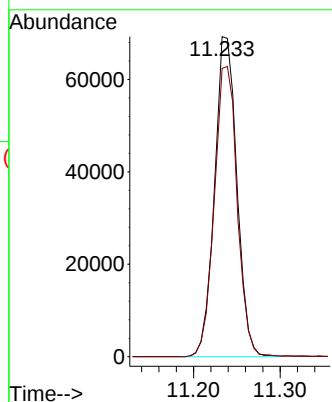
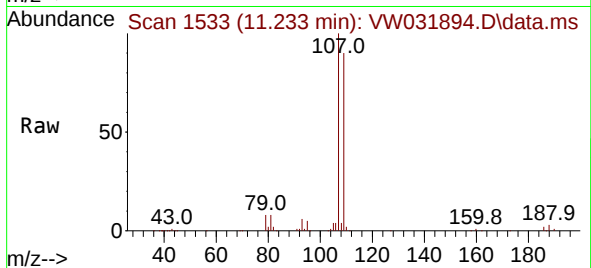




#61
1,2-Dibromoethane
Concen: 49.043 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

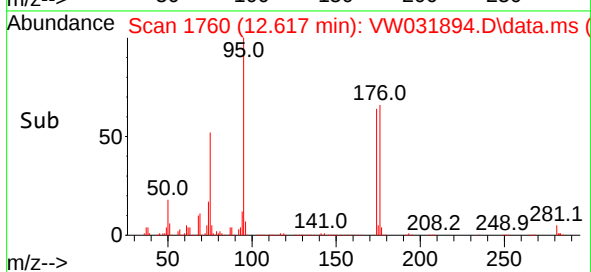
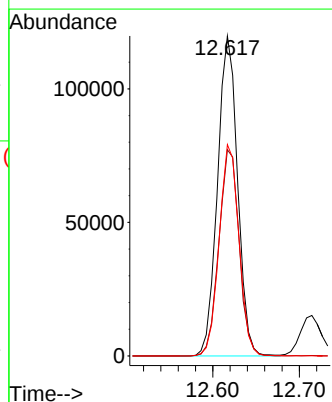
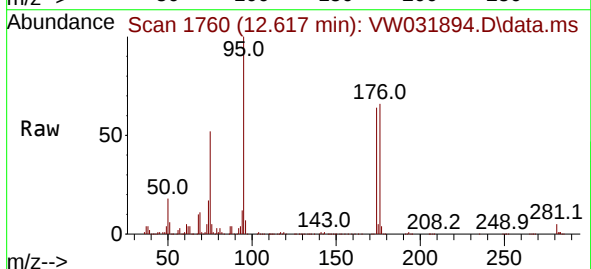
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

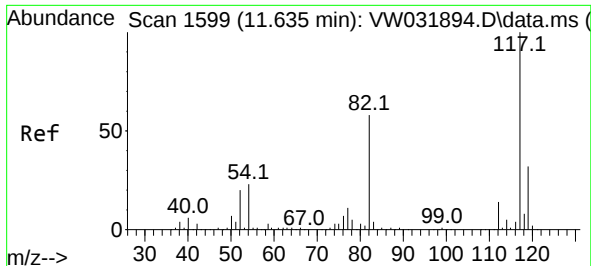
Tgt Ion:107 Resp: 124264
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 46.629 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 95 Resp: 192744
Ion Ratio Lower Upper
95 100
174 64.9 0.0 129.8
176 65.2 0.0 130.4

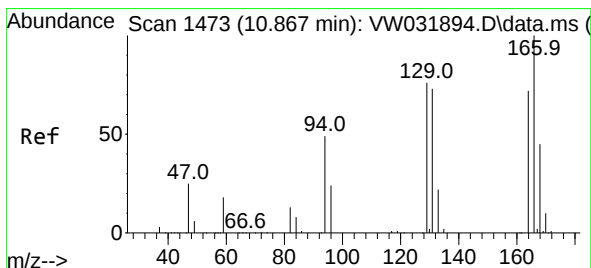
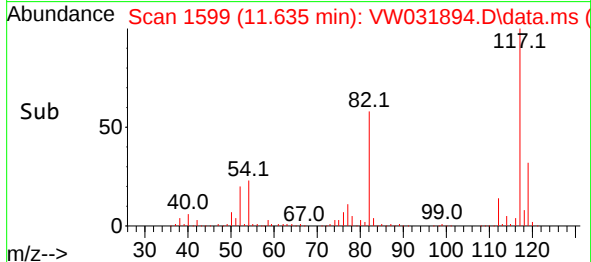
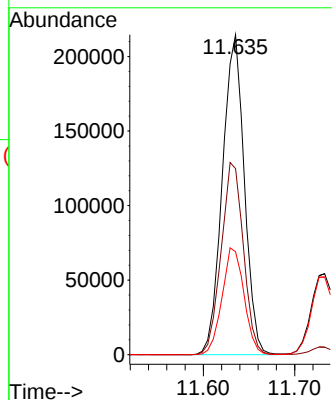
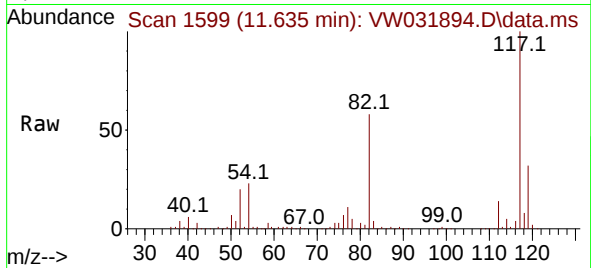




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

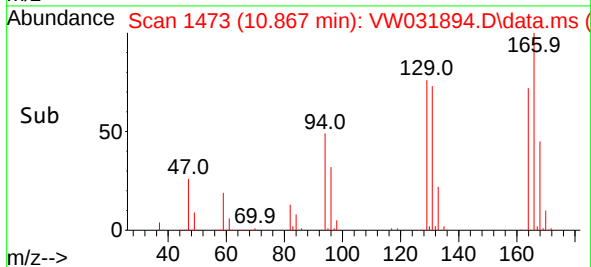
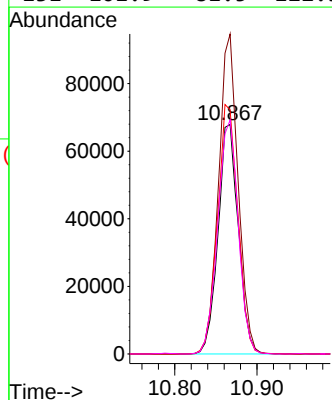
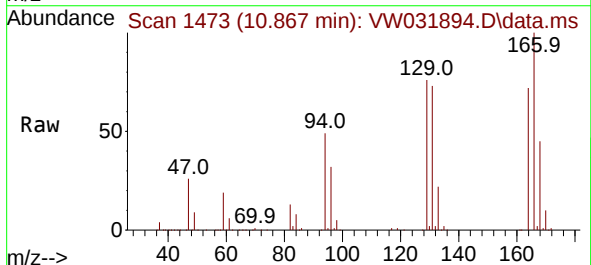
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

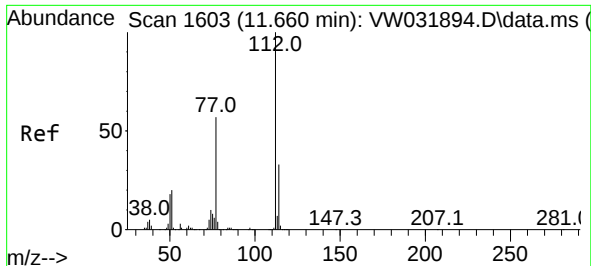
Tgt Ion:117 Resp: 358393
Ion Ratio Lower Upper
117 100
82 58.1 46.5 69.7
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 49.172 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:164 Resp: 116190
Ion Ratio Lower Upper
164 100
166 139.4 111.5 167.3
129 106.4 85.1 127.7
131 101.9 81.5 122.3

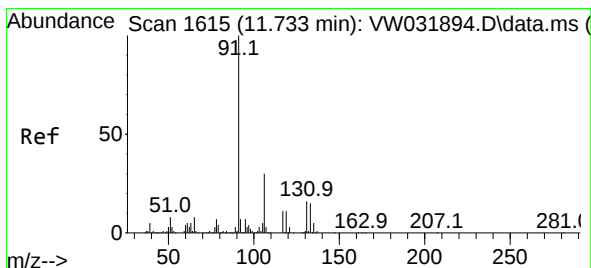
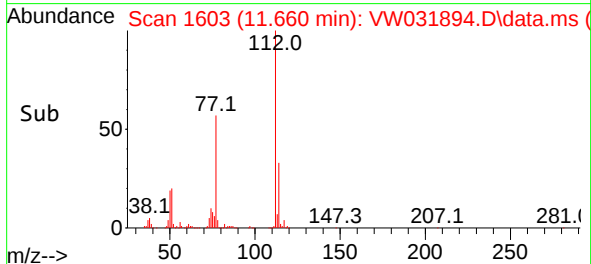
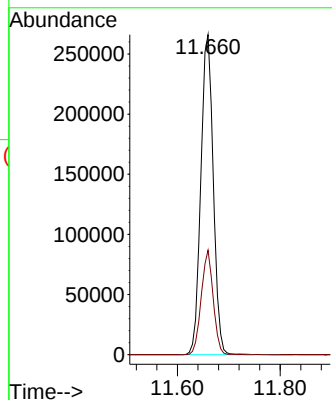
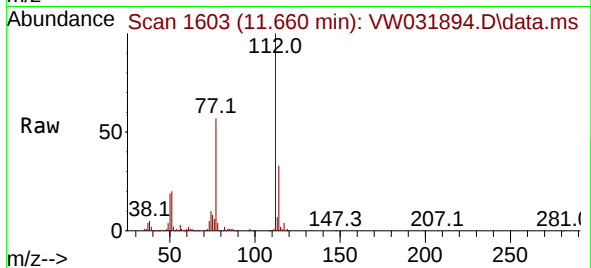




#65
Chlorobenzene
Concen: 50.836 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

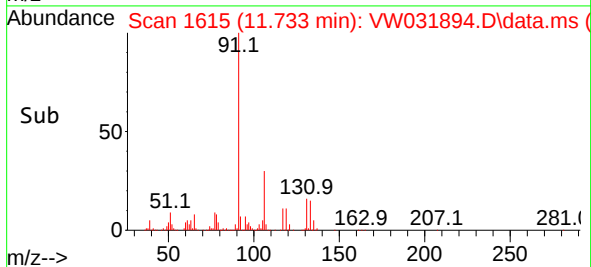
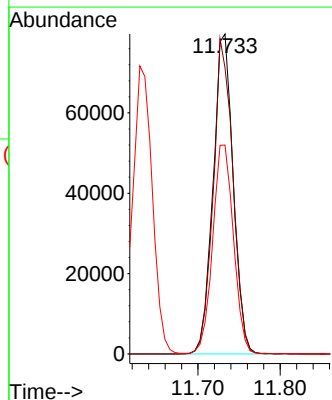
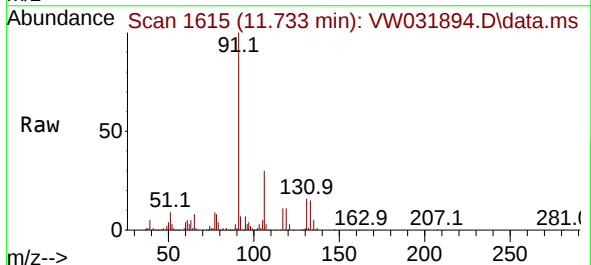
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

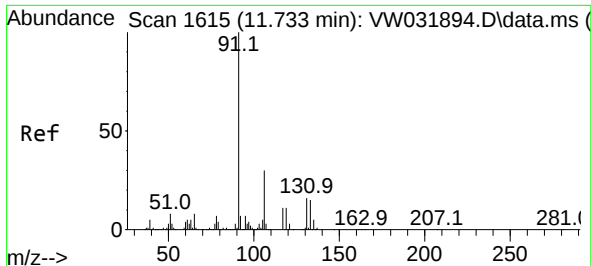
Tgt Ion:112 Resp: 445905
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.749 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:131 Resp: 135280
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 67.4 33.7 101.1

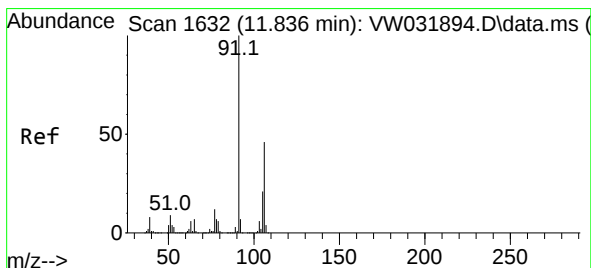
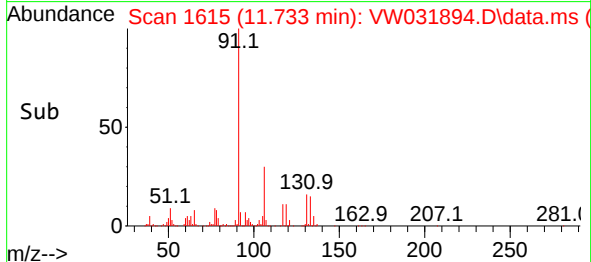
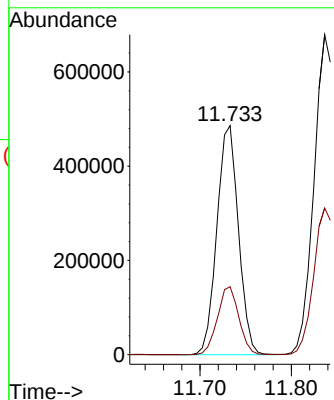
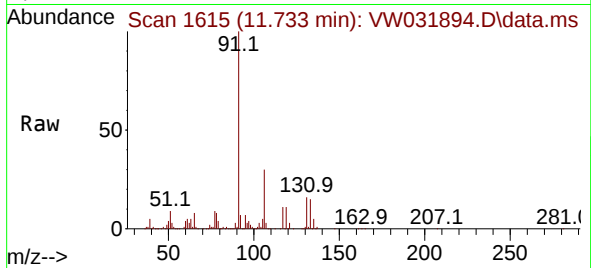




#67
Ethyl Benzene
Concen: 51.758 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

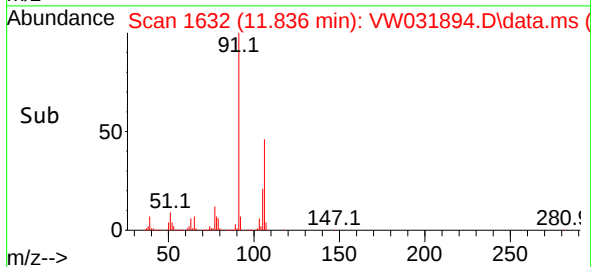
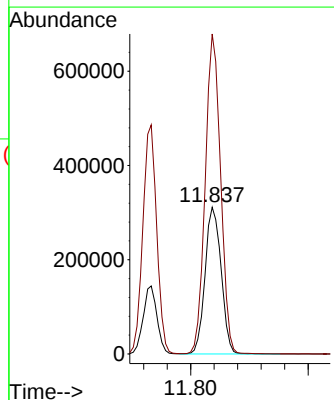
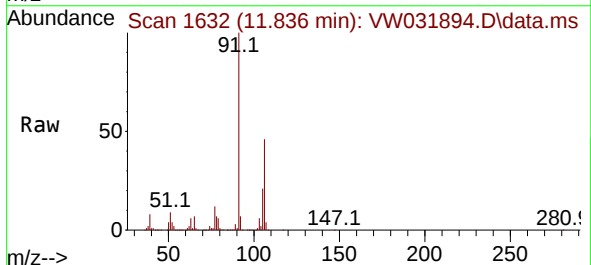
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

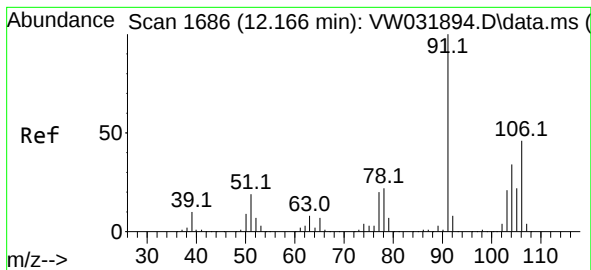
Tgt Ion: 91 Resp: 797666
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 101.698 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:106 Resp: 590027
Ion Ratio Lower Upper
106 100
91 209.6 167.7 251.5

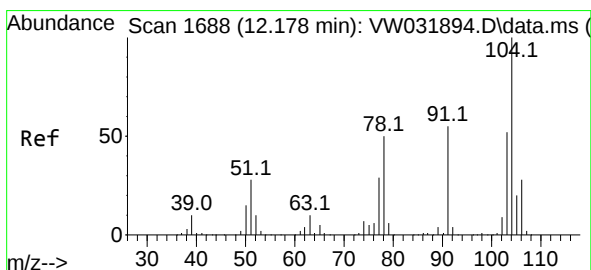
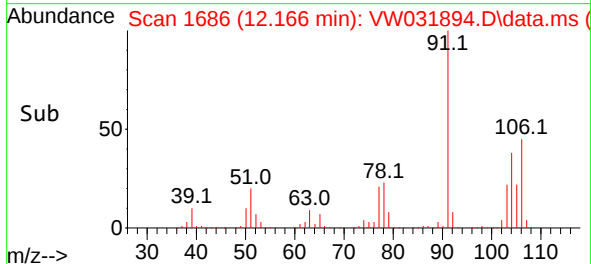
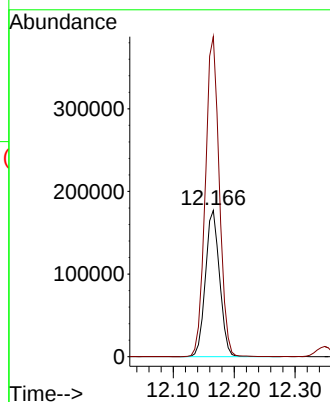
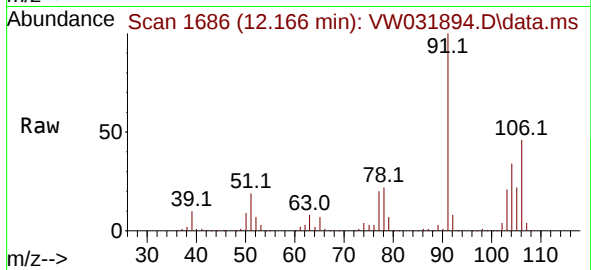




#69
o-Xylene
Concen: 51.967 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

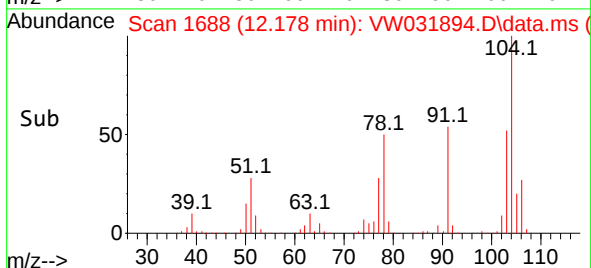
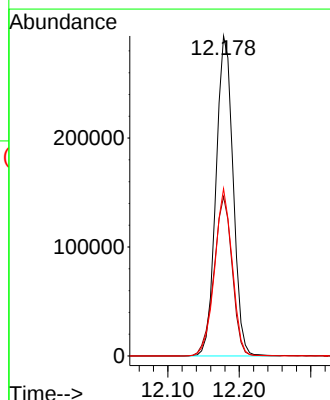
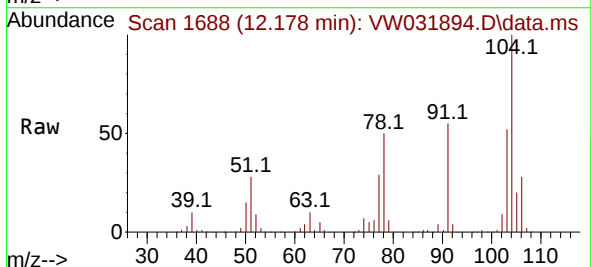
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

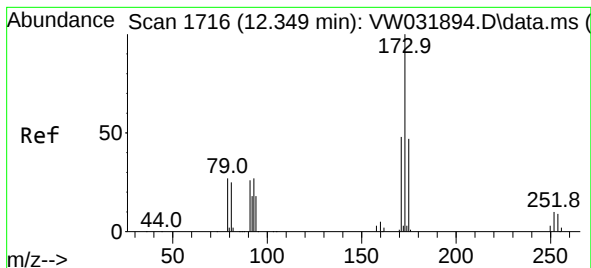
Tgt Ion:106 Resp: 285328
Ion Ratio Lower Upper
106 100
91 216.4 108.2 324.6



#70
Styrene
Concen: 52.165 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:104 Resp: 487647
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 53.5 42.8 64.2

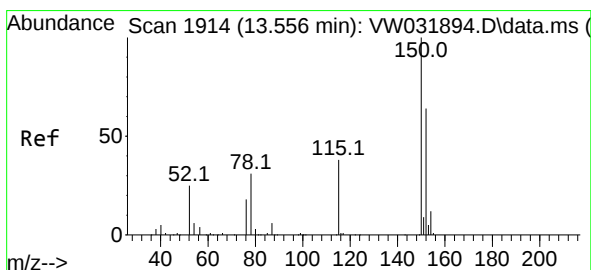
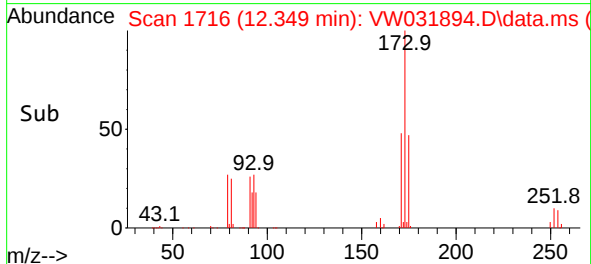
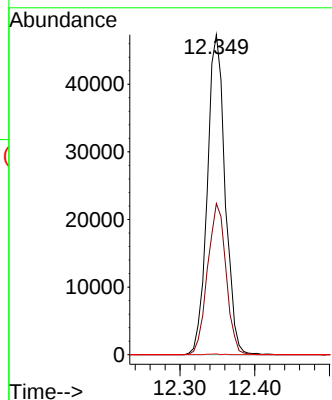
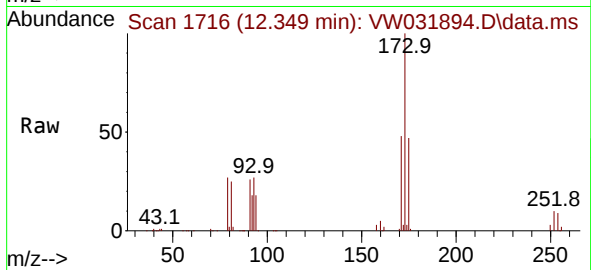




#71
Bromoform
Concen: 52.724 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

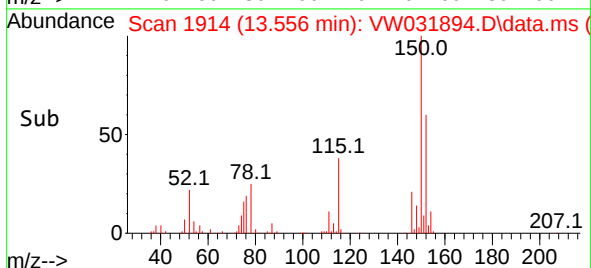
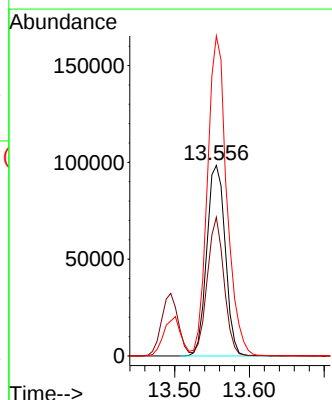
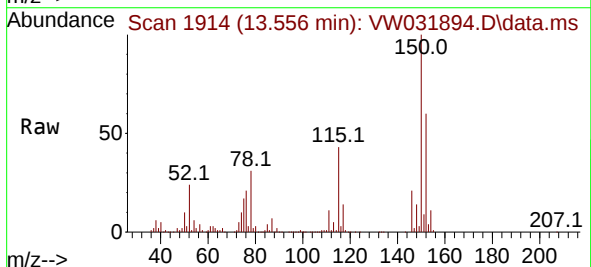
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

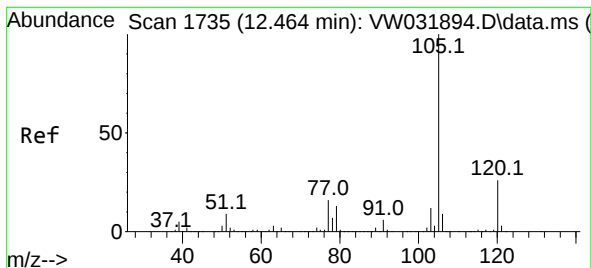
Tgt Ion:173 Resp: 78409
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:152 Resp: 168778
Ion Ratio Lower Upper
152 100
115 66.7 33.4 100.1
150 176.1 0.0 352.2





#73

Isopropylbenzene

Concen: 50.771 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

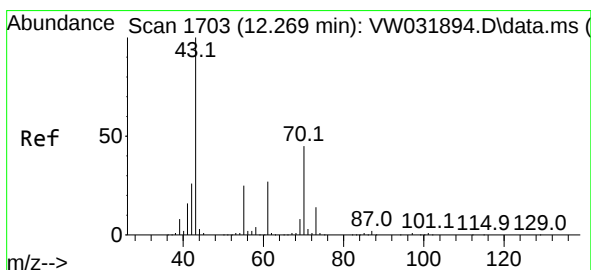
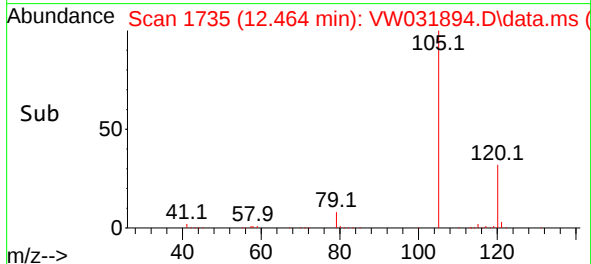
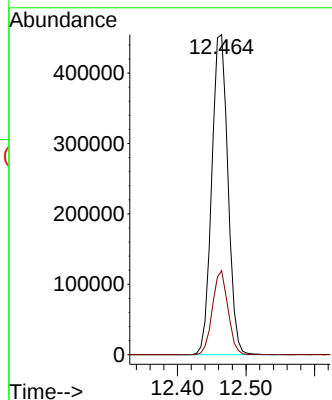
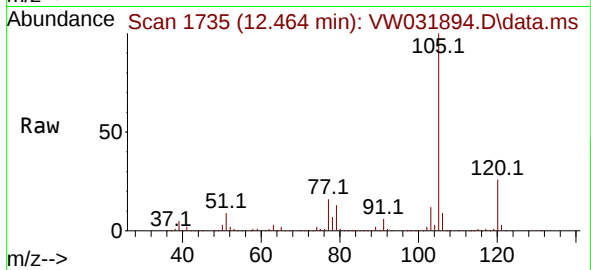
VSTDICCC050

Tgt Ion:105 Resp: 743506

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 50.845 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Tgt Ion: 43 Resp: 201296

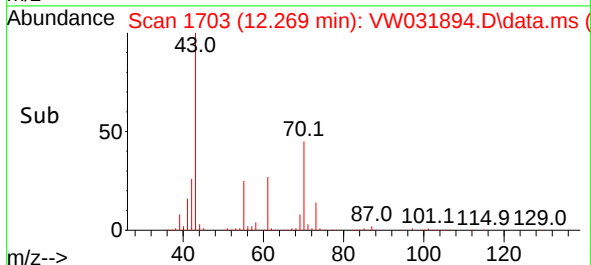
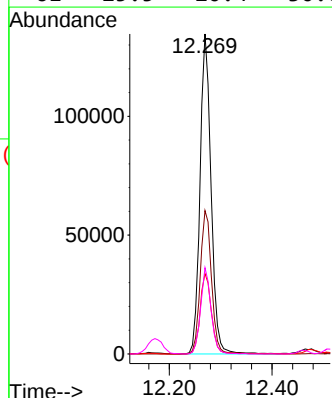
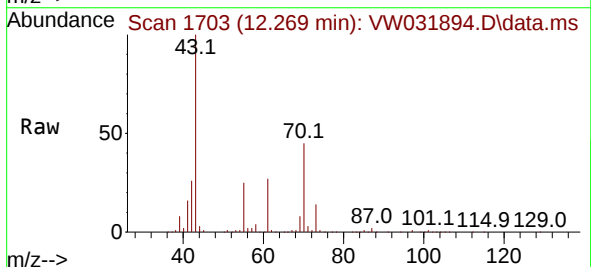
Ion Ratio Lower Upper

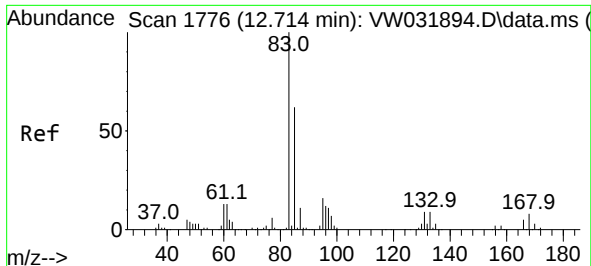
43 100

70 45.8 36.6 55.0

55 25.9 20.7 31.1

61 25.5 20.4 30.6

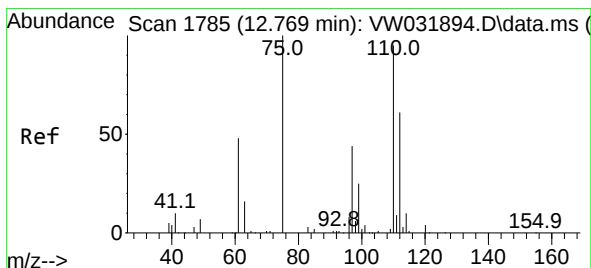
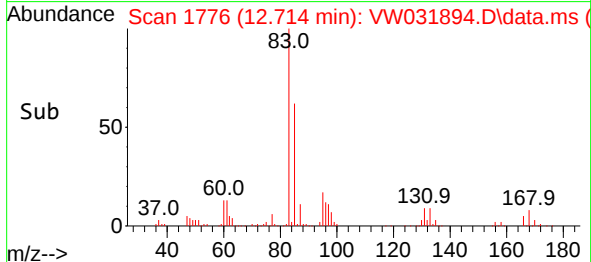
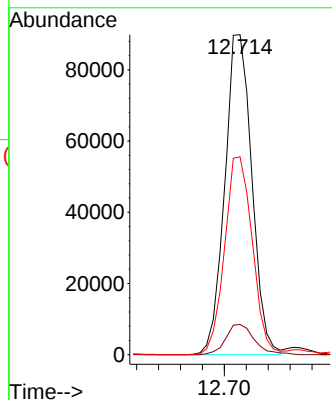
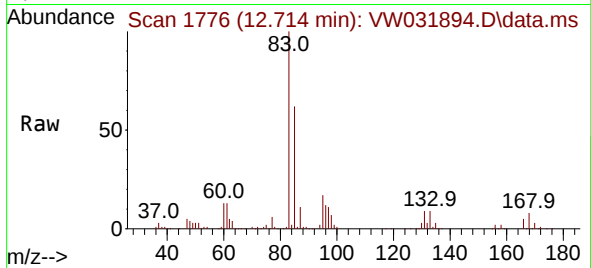




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.601 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

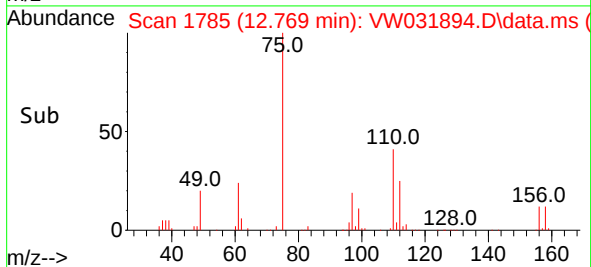
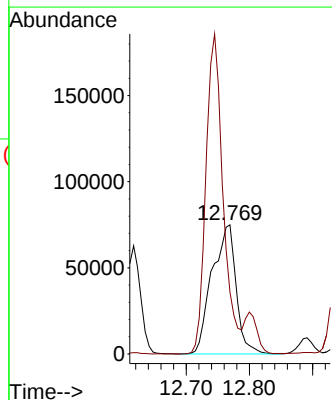
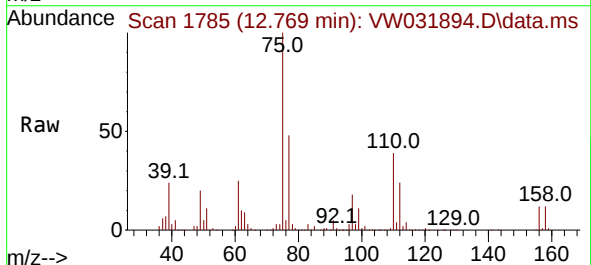
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

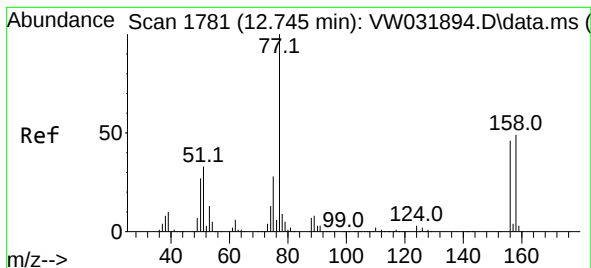
Tgt Ion: 83 Resp: 154182
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 63.5 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 85.698 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

Tgt Ion: 75 Resp: 198020
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.402 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

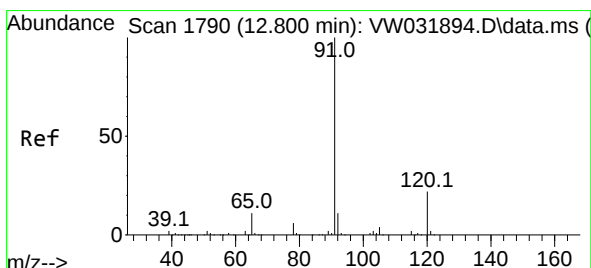
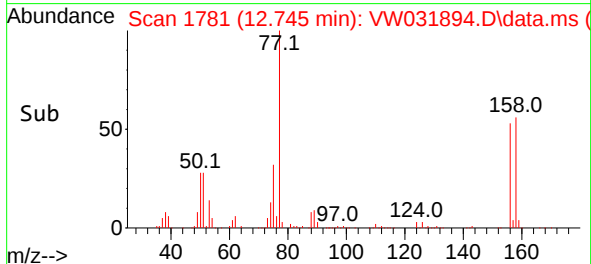
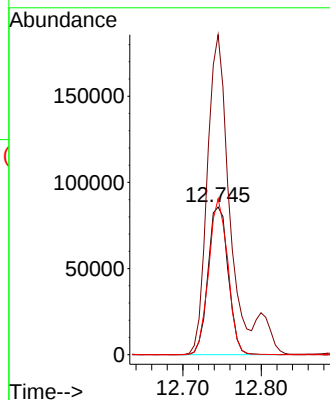
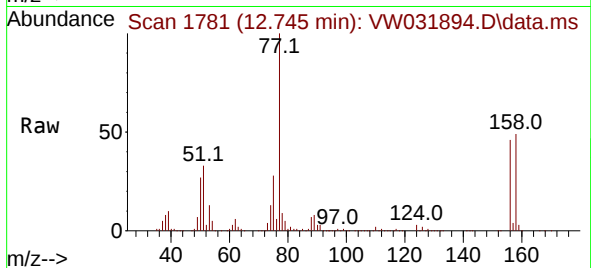
Tgt Ion:156 Resp: 153362

Ion Ratio Lower Upper

156 100

77 230.5 115.3 345.8

158 100.2 50.1 150.3



#78

n-propylbenzene

Concen: 50.036 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031894.D

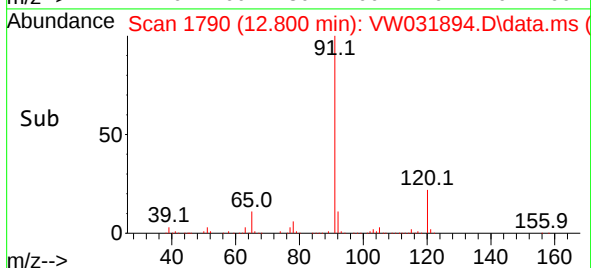
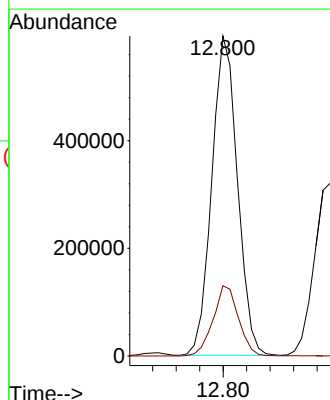
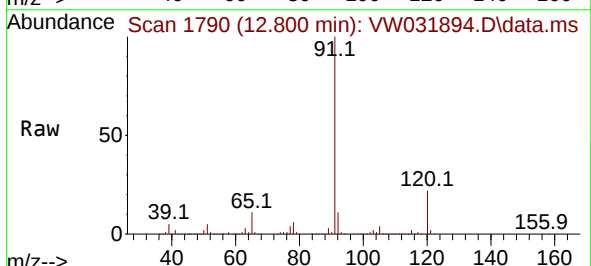
Acq: 22 Jul 2025 10:39

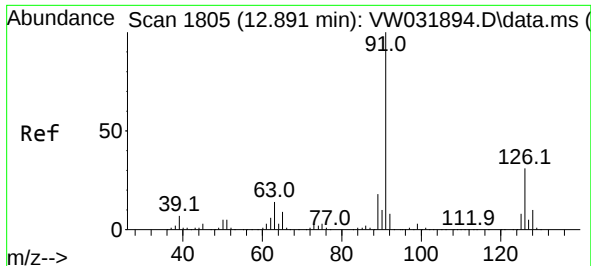
Tgt Ion: 91 Resp: 899940

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.6

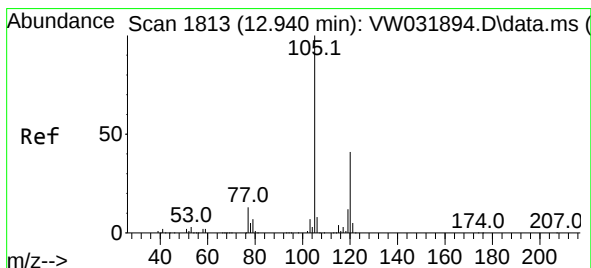
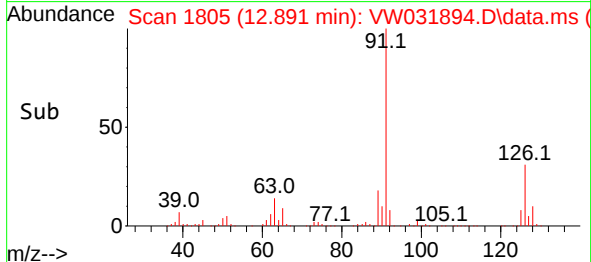
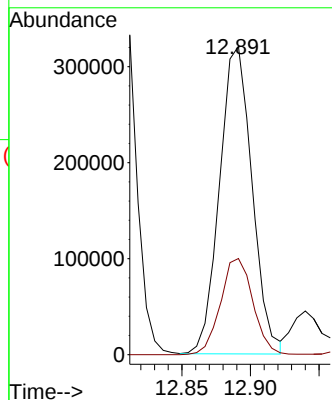
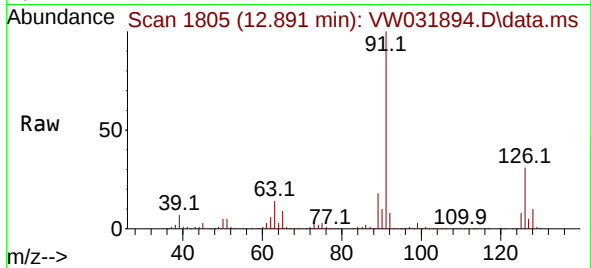




#79
2-Chlorotoluene
Concen: 49.215 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

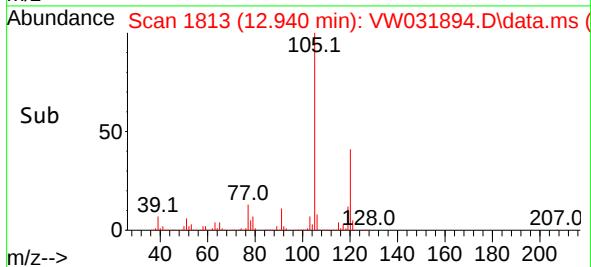
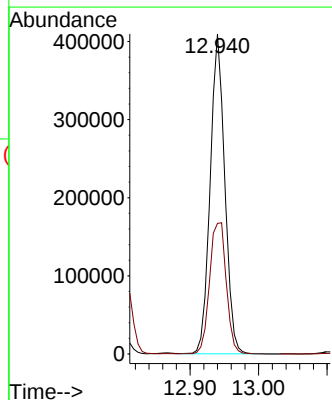
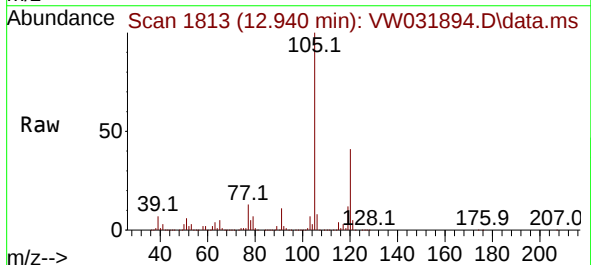
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 528504
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 49.373 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 105 Resp: 606401
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5

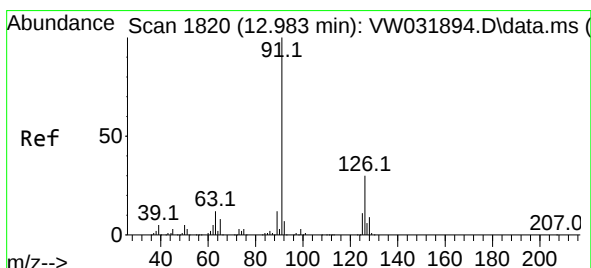
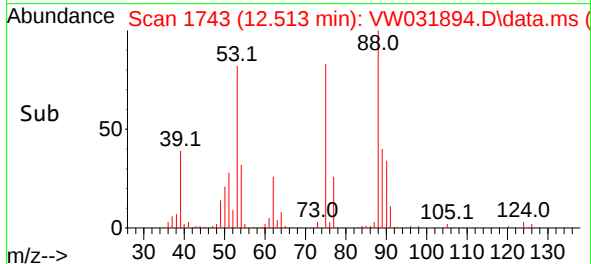
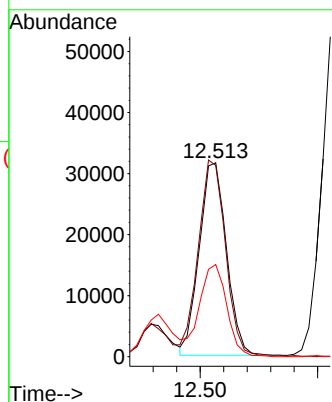
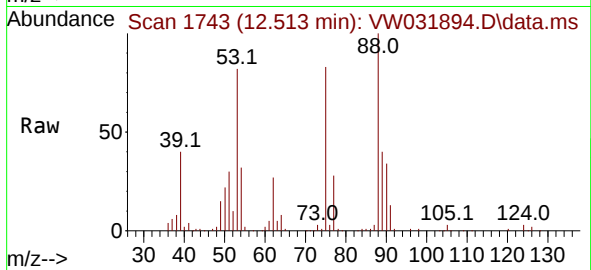




#81
trans-1,4-Dichloro-2-butene
Concen: 50.242 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

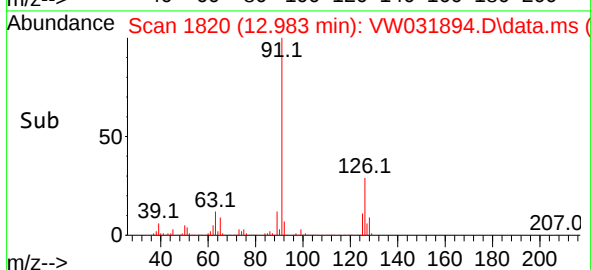
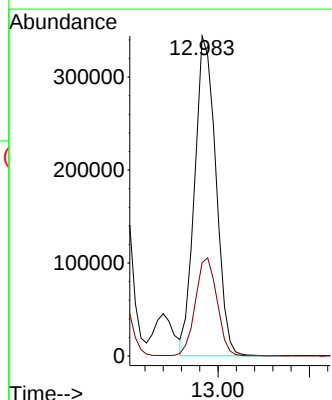
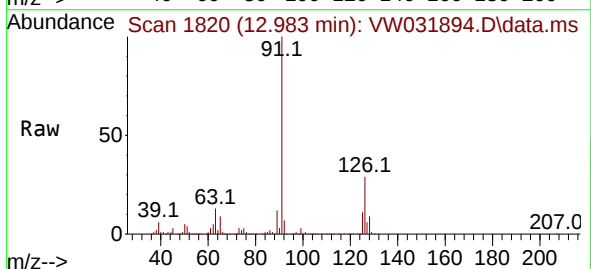
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

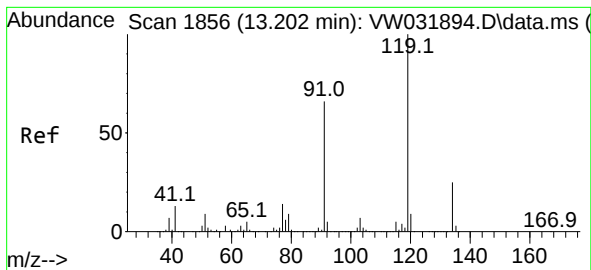
Tgt Ion: 75 Resp: 50710
Ion Ratio Lower Upper
75 100
53 104.6 83.7 125.5
89 48.8 39.0 58.6



#82
4-Chlorotoluene
Concen: 49.113 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 91 Resp: 553292
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.3

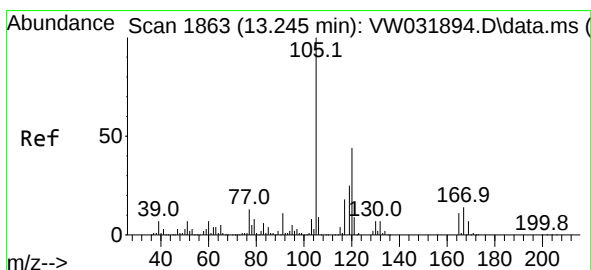
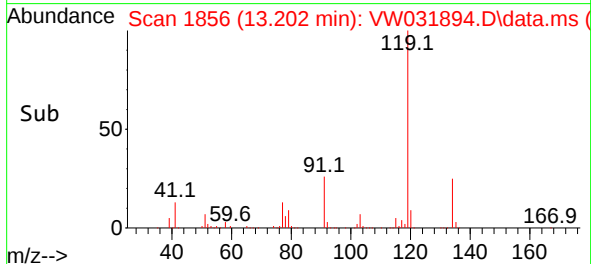
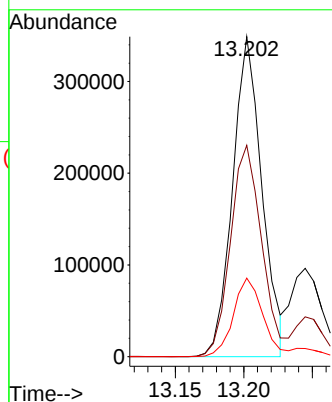
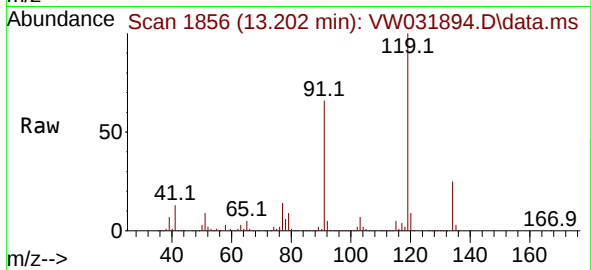




#83
tert-Butylbenzene
Concen: 49.685 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

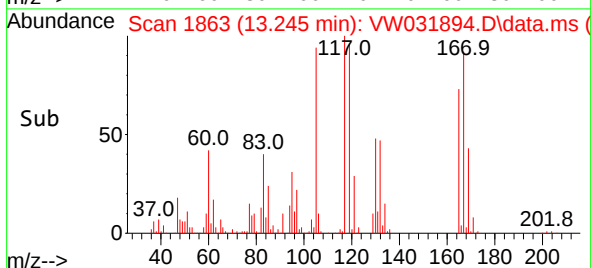
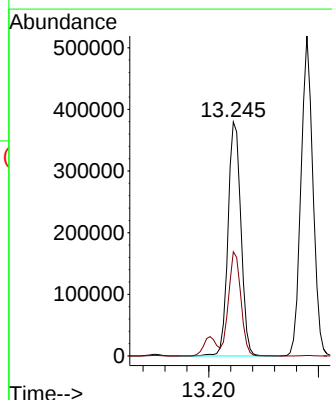
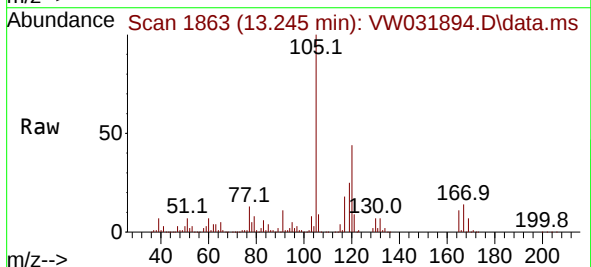
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

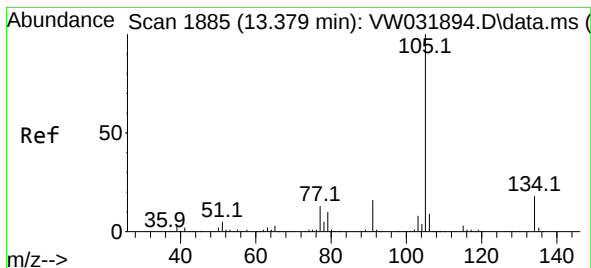
Tgt Ion:119 Resp: 519792
Ion Ratio Lower Upper
119 100
91 71.0 35.5 106.5
134 24.7 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 50.033 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion:105 Resp: 621979
Ion Ratio Lower Upper
105 100
120 42.6 21.3 63.9





#85

sec-Butylbenzene

Concen: 49.619 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

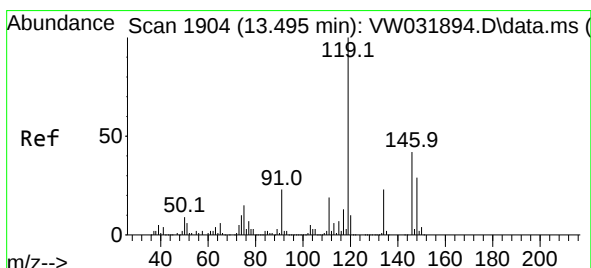
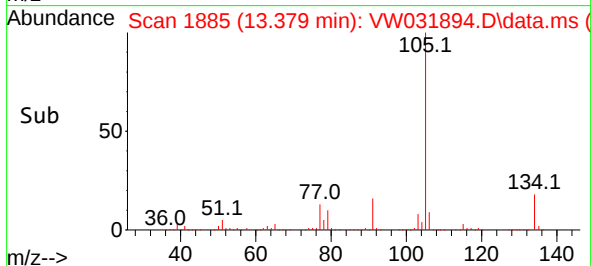
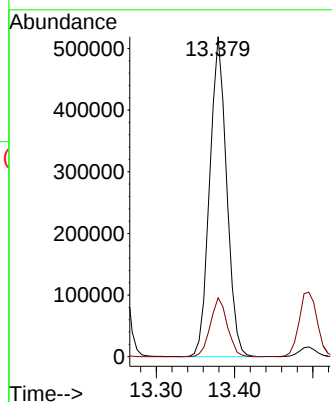
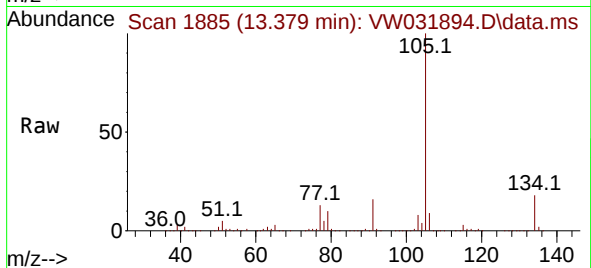
VSTDICCC050

Tgt Ion:105 Resp: 779564

Ion Ratio Lower Upper

105 100

134 18.4 9.2 27.6



#86

p-Isopropyltoluene

Concen: 49.930 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

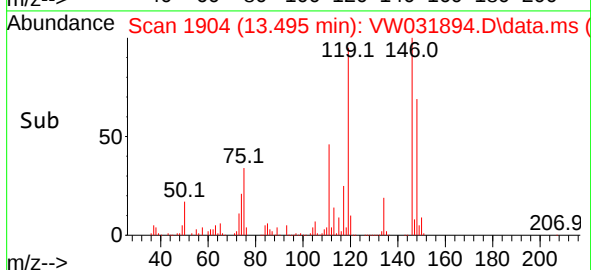
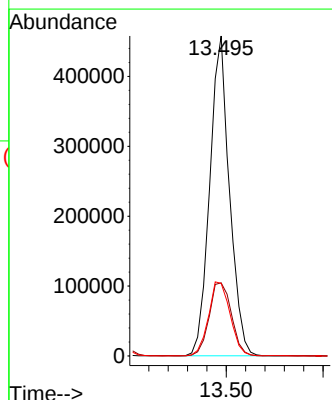
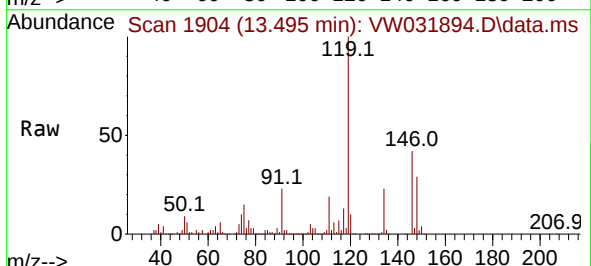
Tgt Ion:119 Resp: 648382

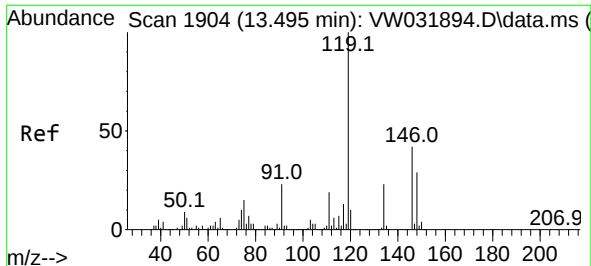
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 25.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 48.890 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

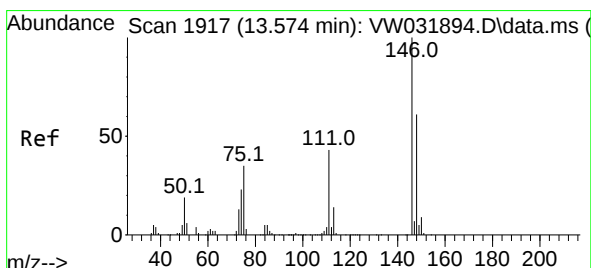
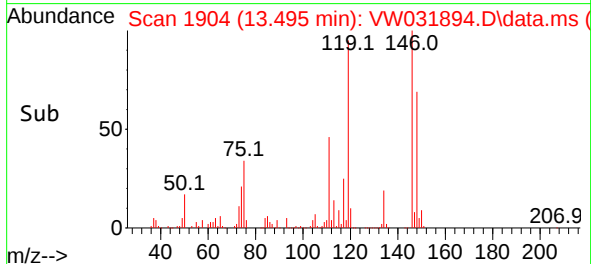
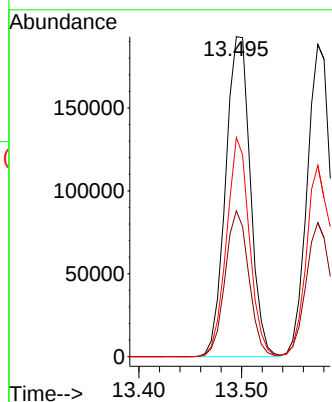
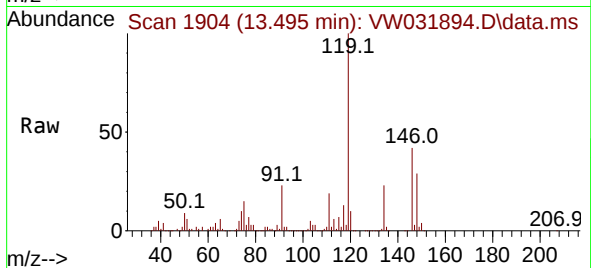
Tgt Ion:146 Resp: 322462

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.7

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.653 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

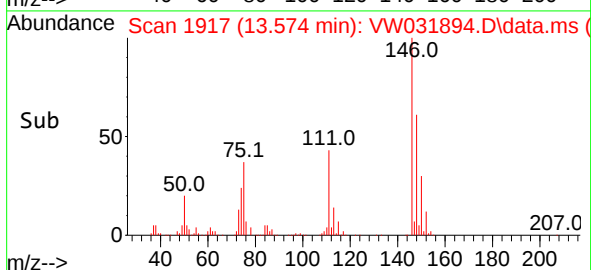
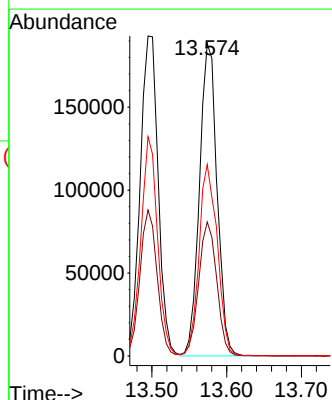
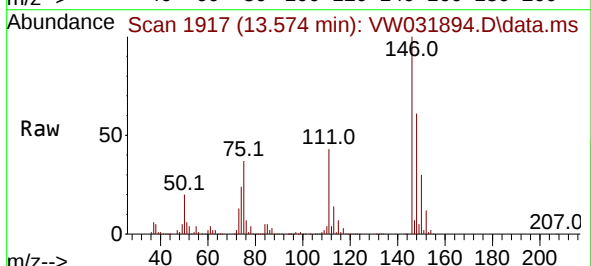
Tgt Ion:146 Resp: 307895

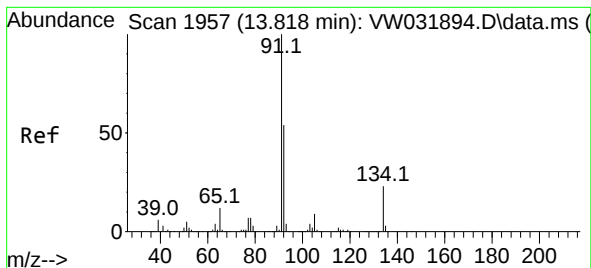
Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.3

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 50.705 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

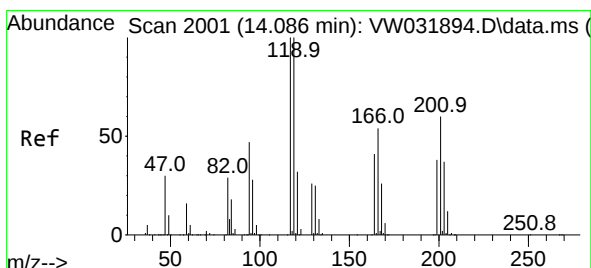
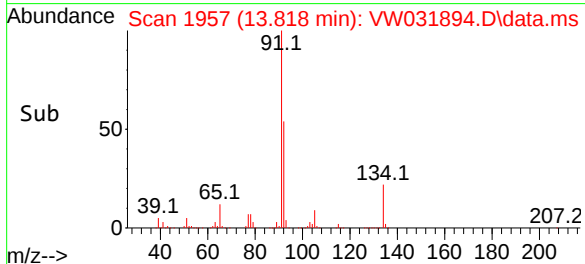
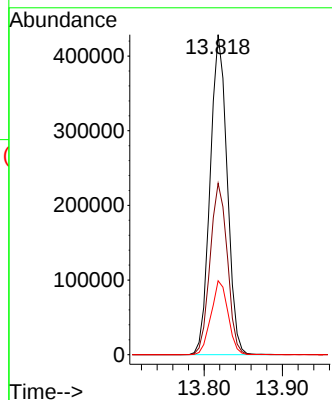
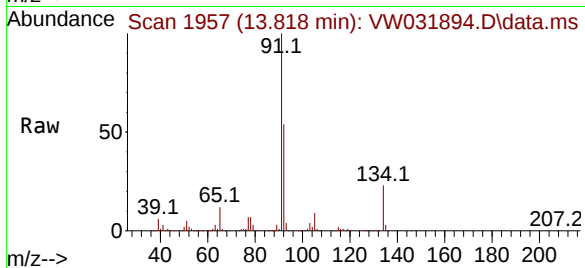
Tgt Ion: 91 Resp: 645926

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 23.1 11.6 34.7



#90

Hexachloroethane

Concen: 48.355 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031894.D

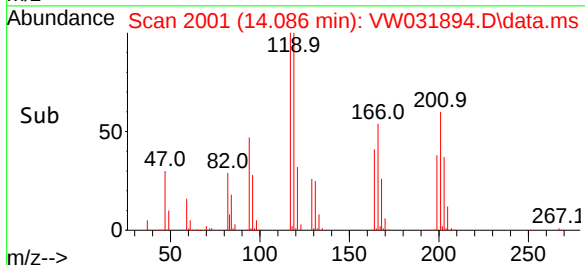
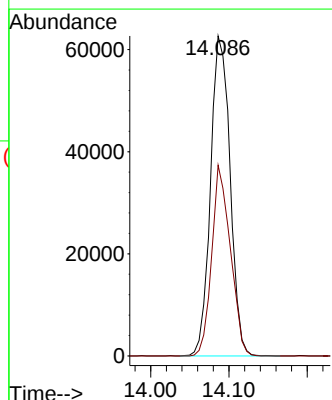
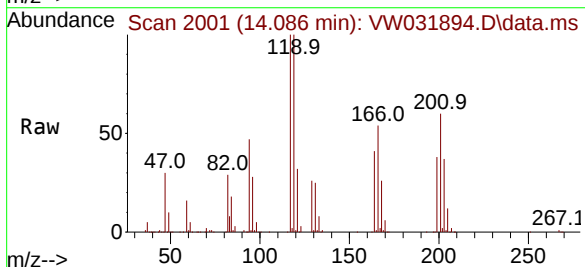
Acq: 22 Jul 2025 10:39

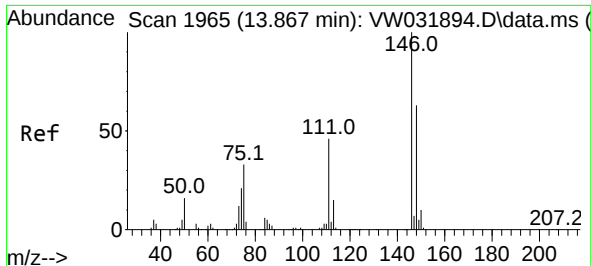
Tgt Ion: 117 Resp: 108580

Ion Ratio Lower Upper

117 100

201 56.8 28.4 85.2

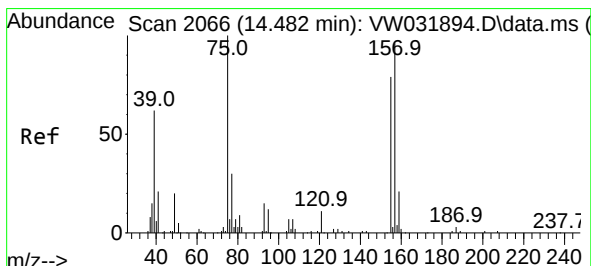
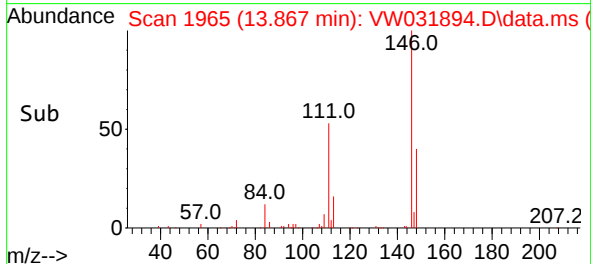
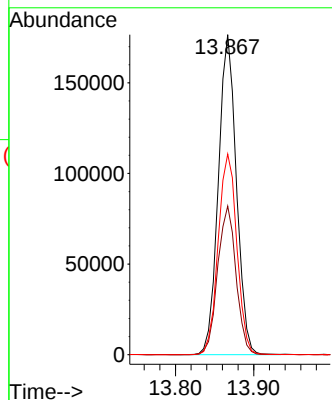
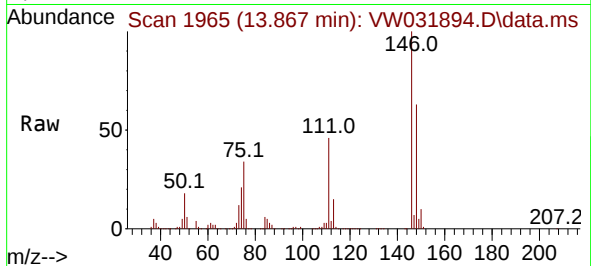




#91
1,2-Dichlorobenzene
Concen: 48.433 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

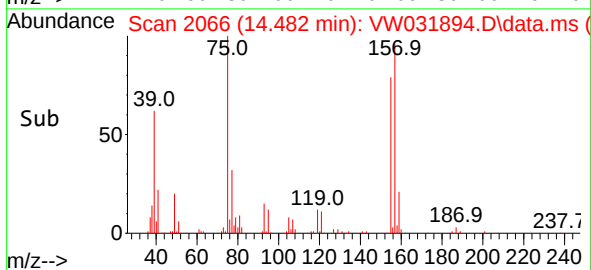
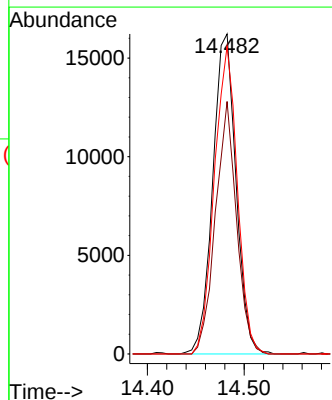
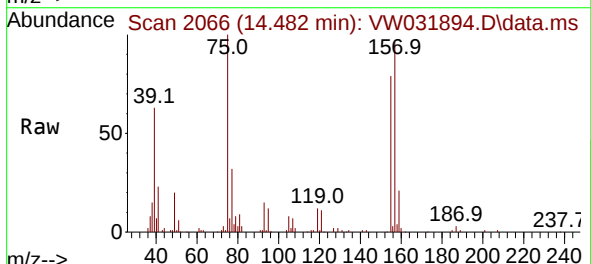
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

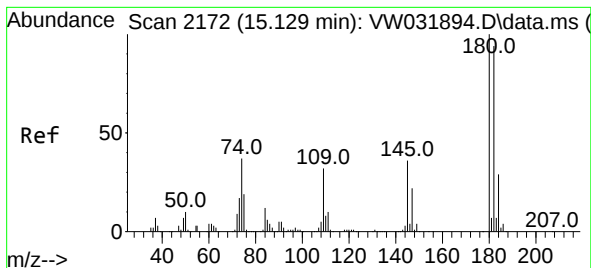
Tgt Ion:146 Resp: 283107
Ion Ratio Lower Upper
146 100
111 47.3 23.6 71.0
148 64.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.235 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031894.D
Acq: 22 Jul 2025 10:39

Tgt Ion: 75 Resp: 27088
Ion Ratio Lower Upper
75 100
155 71.8 35.9 107.7
157 94.8 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 47.124 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

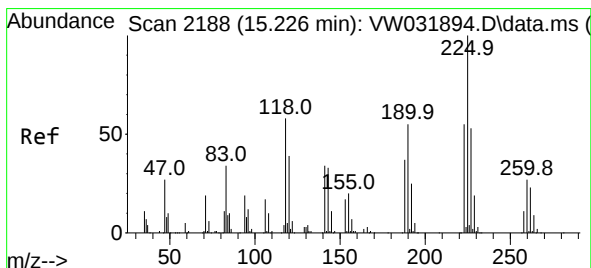
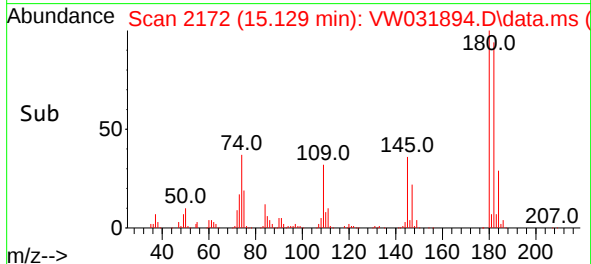
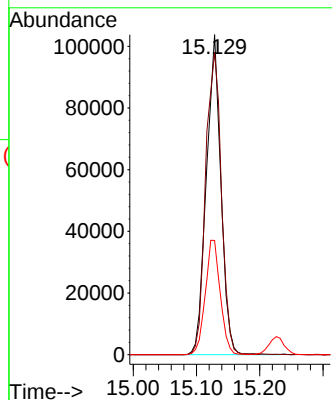
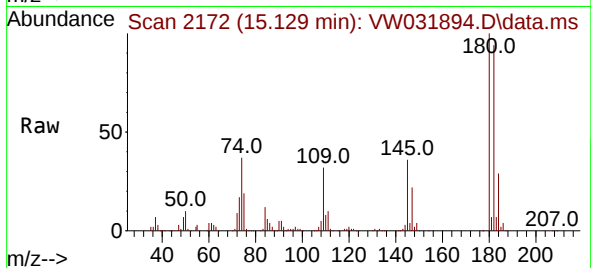
Tgt Ion:180 Resp: 166119

Ion Ratio Lower Upper

180 100

182 102.1 51.0 153.1

145 36.9 18.4 55.4



#94

Hexachlorobutadiene

Concen: 49.399 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031894.D

Acq: 22 Jul 2025 10:39

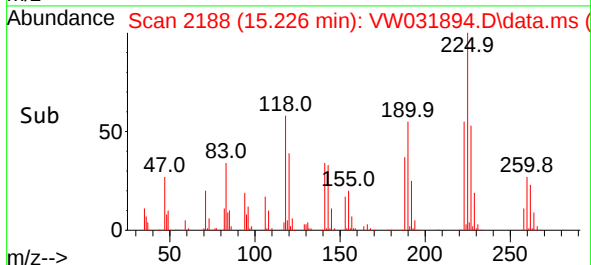
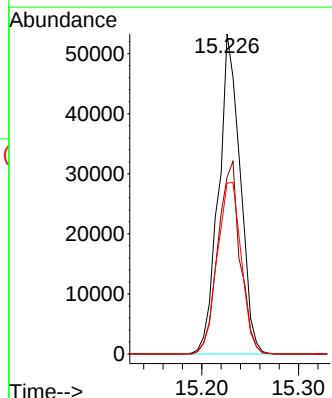
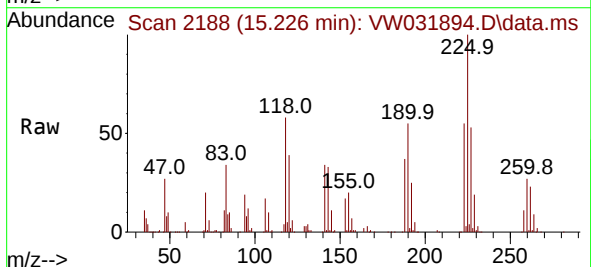
Tgt Ion:225 Resp: 82516

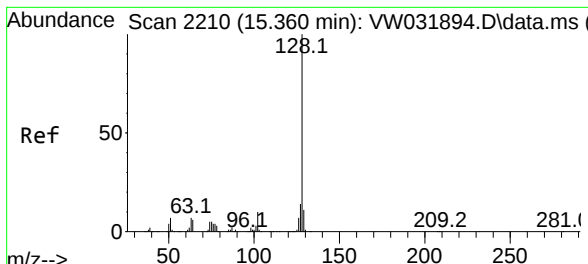
Ion Ratio Lower Upper

225 100

223 61.8 30.9 92.7

227 60.1 30.0 90.1



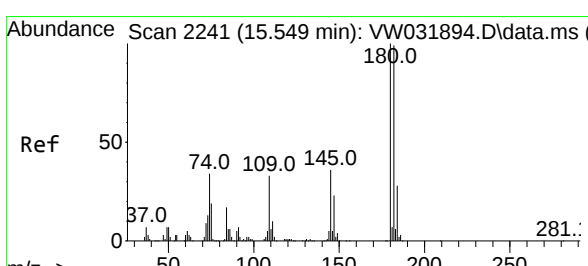
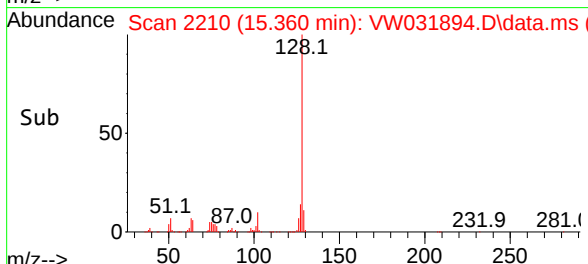
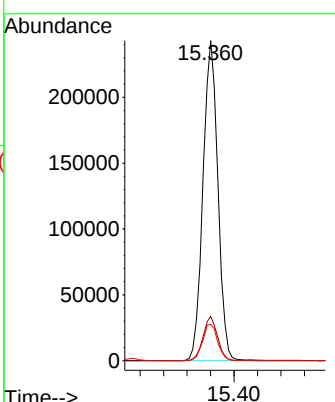
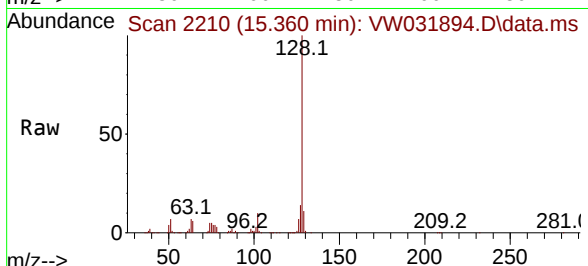


#95
 Naphthalene
 Concen: 49.367 ug/l
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:128 Resp: 427849

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.5	9.2	13.8



#96
 1,2,3-Trichlorobenzene
 Concen: 49.413 ug/l
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW031894.D
 Acq: 22 Jul 2025 10:39

Tgt Ion:180 Resp: 157823

Ion	Ratio	Lower	Upper
180	100		
182	100.8	50.4	151.2
145	37.2	18.6	55.8

