

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072525\
 Data File : VW031937.D
 Acq On : 25 Jul 2025 15:27
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 25 23:06:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	201856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	380146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	342929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	152451	49.926	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.860%
35) Dibromofluoromethane	7.904	113	126207	48.858	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.720%
50) Toluene-d8	10.331	98	466537	47.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.617	95	185311	49.364	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	78050	52.025	ug/l	97
3) Chloromethane	2.259	50	102042	52.993	ug/l	99
4) Vinyl Chloride	2.411	62	117834	47.108	ug/l	99
5) Bromomethane	2.832	94	87443	47.473	ug/l	93
6) Chloroethane	2.972	64	81250	49.216	ug/l	98
7) Trichlorofluoromethane	3.307	101	109056	43.046	ug/l	98
8) Diethyl Ether	3.722	74	85709	50.645	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	121199	49.736	ug/l	97
10) Methyl Iodide	4.307	142	172824	47.434	ug/l	99
11) Tert butyl alcohol	5.228	59	55481	309.099	ug/l	99
12) 1,1-Dichloroethene	4.082	96	129960	48.284	ug/l	93
13) Acrolein	3.935	56	35884	140.715	ug/l	100
14) Allyl chloride	4.704	41	192748	46.002	ug/l	100
15) Acrylonitrile	5.405	53	221404	292.626	ug/l	98
16) Acetone	4.161	43	157728	217.676	ug/l	100
17) Carbon Disulfide	4.423	76	323944	46.407	ug/l	98
18) Methyl Acetate	4.710	43	129322	64.781	ug/l	99
19) Methyl tert-butyl Ether	5.472	73	258874	55.665	ug/l	97
20) Methylene Chloride	4.960	84	153994	49.660	ug/l	98
21) trans-1,2-Dichloroethene	5.459	96	148014	51.830	ug/l	99
22) Diisopropyl ether	6.350	45	443740	52.926	ug/l	98
23) Vinyl Acetate	6.289	43	1518363	277.200	ug/l	99
24) 1,1-Dichloroethane	6.246	63	276925	53.050	ug/l	99
25) 2-Butanone	7.197	43	283405	285.860	ug/l	93
26) 2,2-Dichloropropane	7.185	77	136814	46.295	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	179771	53.546	ug/l	99
28) Bromochloromethane	7.532	49	113096	51.746	ug/l	95
29) Tetrahydrofuran	7.557	42	198725	305.732	ug/l	99
30) Chloroform	7.697	83	297301	54.319	ug/l	100
31) Cyclohexane	7.971	56	226189	48.298	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	207278	49.768	ug/l	99
36) 1,1-Dichloropropene	8.099	75	202291	50.994	ug/l	99
37) Ethyl Acetate	7.276	43	130284	57.572	ug/l	99
38) Carbon Tetrachloride	8.081	117	190916	50.146	ug/l	96
39) Methylcyclohexane	9.343	83	257555	51.590	ug/l	96
40) Benzene	8.337	78	618224	52.646	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	75015	55.375	ug/l	95
42) 1,2-Dichloroethane	8.410	62	202579	53.902	ug/l	100
43) Isopropyl Acetate	8.441	43	235012	57.365	ug/l	99
44) Trichloroethene	9.105	130	144768	51.865	ug/l	97
45) 1,2-Dichloropropane	9.373	63	149906	53.005	ug/l	99
46) Dibromomethane	9.465	93	97138	55.408	ug/l	96
47) Bromodichloromethane	9.654	83	222824	53.005	ug/l	99
48) Methyl methacrylate	9.447	41	116712	59.881	ug/l	97
49) 1,4-Dioxane	9.465	88	23357	1335.200	ug/l #	88
51) 4-Methyl-2-Pentanone	10.215	43	676903	301.913	ug/l	100
52) Toluene	10.392	92	400943	53.113	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	221299	54.878	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	246053	53.430	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	126870	54.481	ug/l	92
56) Ethyl methacrylate	10.648	69	195819	59.540	ug/l	99
57) 1,3-Dichloropropane	10.934	76	223774	54.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	485853	287.600	ug/l	100
59) 2-Hexanone	10.971	43	472552	303.221	ug/l	99
60) Dibromochloromethane	11.129	129	151842	55.925	ug/l	98
61) 1,2-Dibromoethane	11.233	107	124656	54.173	ug/l	97
64) Tetrachloroethene	10.867	164	113481	50.191	ug/l	89
65) Chlorobenzene	11.653	112	426782	50.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	134987	51.880	ug/l	98
67) Ethyl Benzene	11.727	91	754645	51.175	ug/l	96
68) m/p-Xylenes	11.836	106	580304	104.533	ug/l	97
69) o-Xylene	12.166	106	277851	52.887	ug/l	99
70) Styrene	12.178	104	484866	54.206	ug/l	99
71) Bromoform	12.348	173	80101	56.290	ug/l #	99
73) Isopropylbenzene	12.464	105	711714	49.439	ug/l	100
74) N-amyl acetate	12.269	43	215103	55.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	163048	53.358	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	206736	90.249	ug/l #	100
77) Bromobenzene	12.745	156	158708	50.953	ug/l	96
78) n-propylbenzene	12.800	91	875844	49.536	ug/l	99
79) 2-Chlorotoluene	12.891	91	518305	49.098	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	596519	49.407	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	50636	51.034	ug/l	98
82) 4-Chlorotoluene	12.989	91	549721	49.637	ug/l	98
83) tert-Butylbenzene	13.202	119	486488	47.304	ug/l	96
84) 1,2,4-Trimethylbenzene	13.251	105	604108	49.434	ug/l	99
85) sec-Butylbenzene	13.379	105	762079	49.343	ug/l	99
86) p-Isopropyltoluene	13.495	119	648022	50.763	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	314879	48.564	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	284896	44.854	ug/l	94
89) n-Butylbenzene	13.818	91	617264	49.291	ug/l	99
90) Hexachloroethane	14.092	117	108589	49.193	ug/l	97
91) 1,2-Dichlorobenzene	13.866	146	284776	49.559	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30316	54.914	ug/l	98
93) 1,2,4-Trichlorobenzene	15.128	180	169233	48.835	ug/l	96
94) Hexachlorobutadiene	15.232	225	77621	47.270	ug/l	98
95) Naphthalene	15.360	128	483143	56.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	158971	50.631	ug/l	97

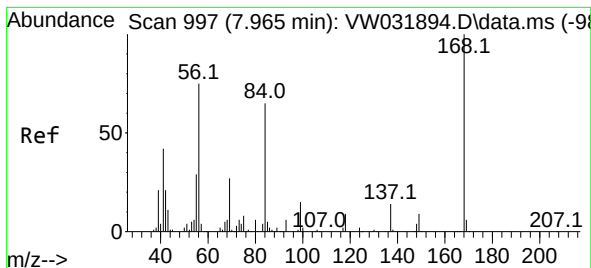
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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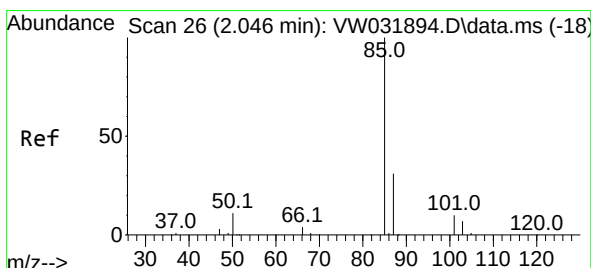
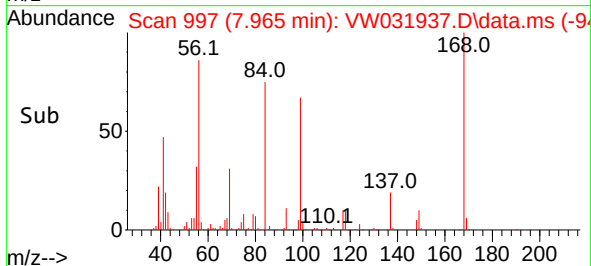
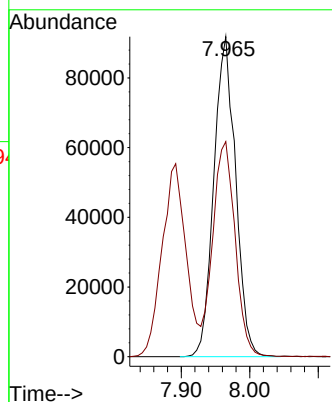
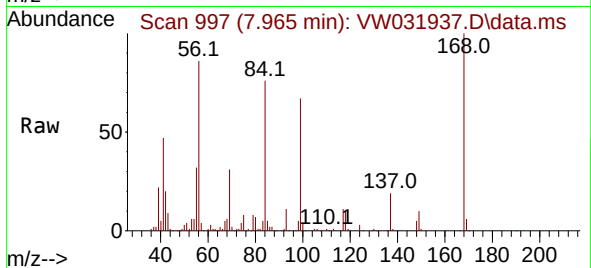
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

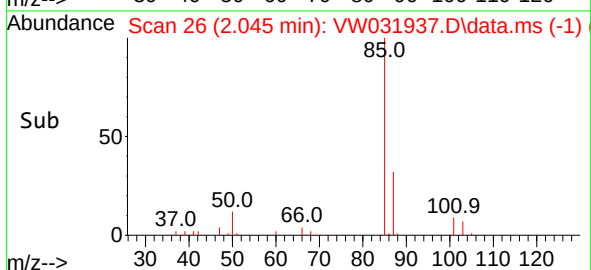
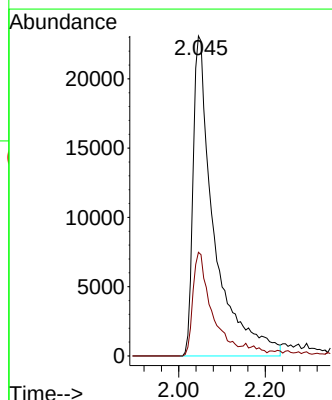
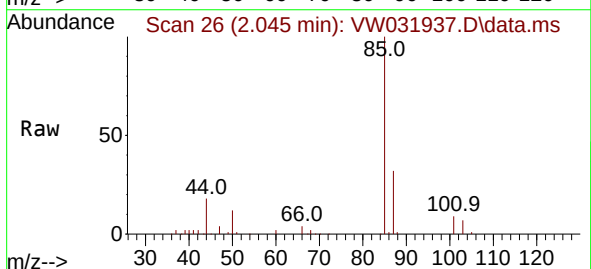
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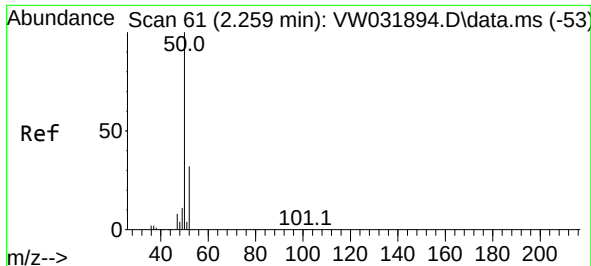
Tgt Ion:168 Resp: 201856
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 52.025 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 85 Resp: 78050
Ion Ratio Lower Upper
85 100
87 32.4 15.5 46.5

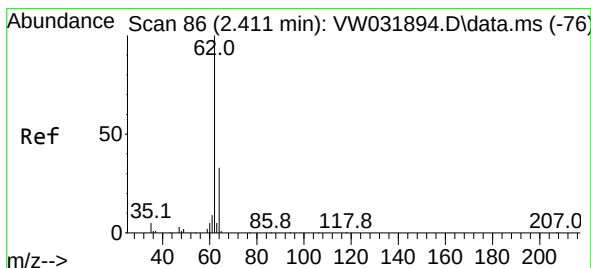
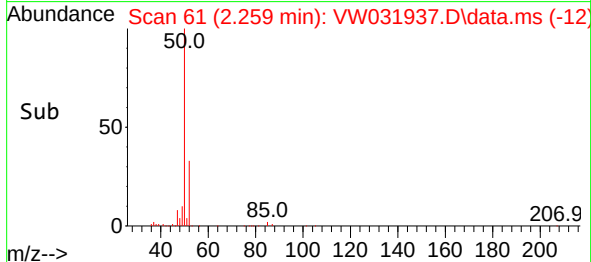
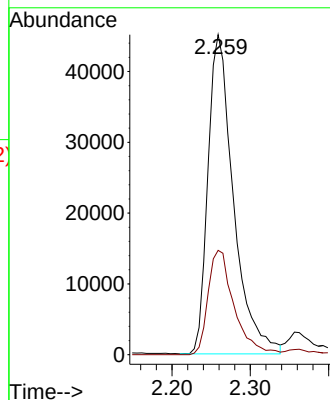
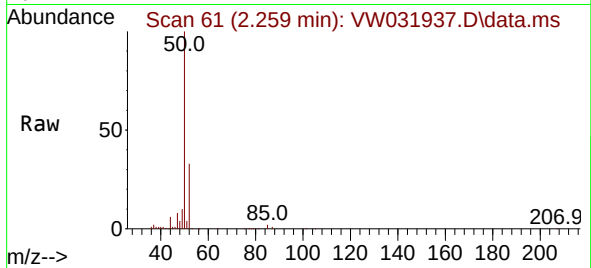




#3
Chloromethane
Concen: 52.993 ug/l
RT: 2.259 min Scan# 61
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

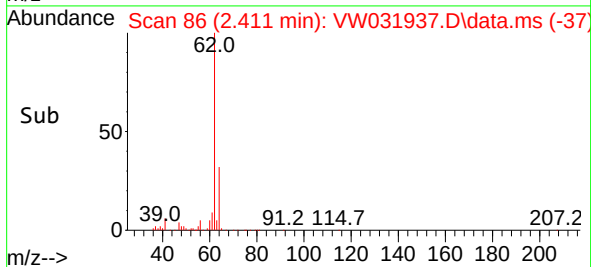
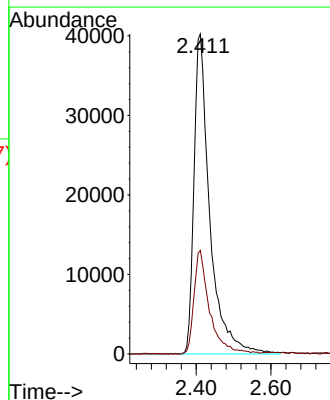
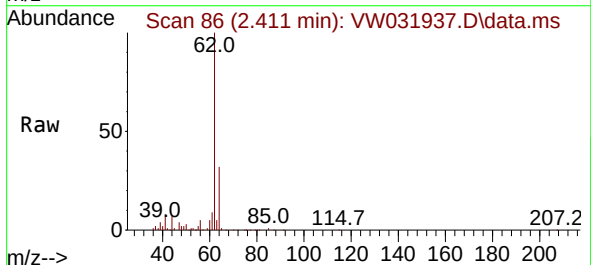
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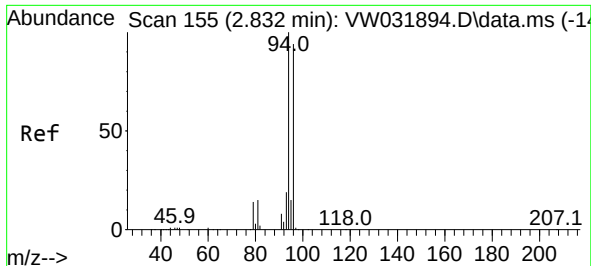
Tgt Ion: 50 Resp: 102042
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 47.108 ug/l
RT: 2.411 min Scan# 86
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 62 Resp: 117834
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2

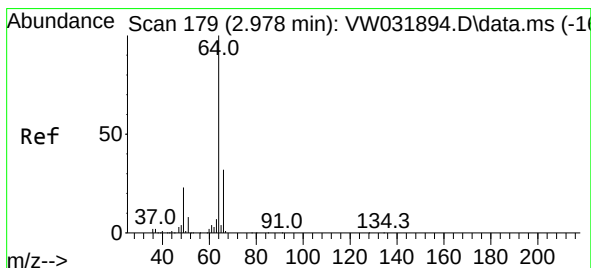
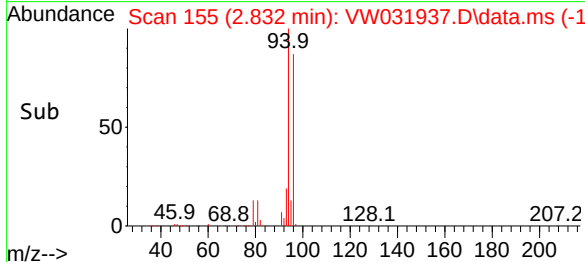
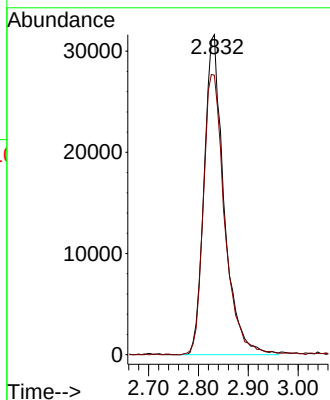
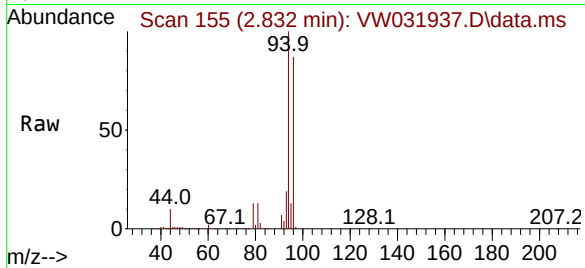




#5
Bromomethane
Concen: 47.473 ug/l
RT: 2.832 min Scan# 155
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

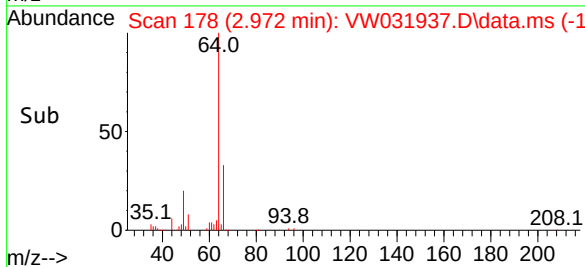
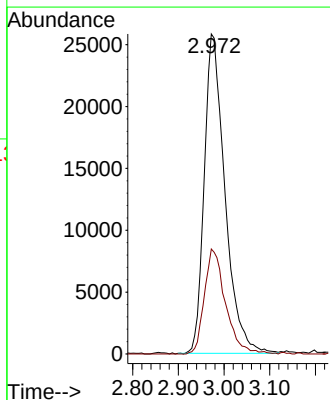
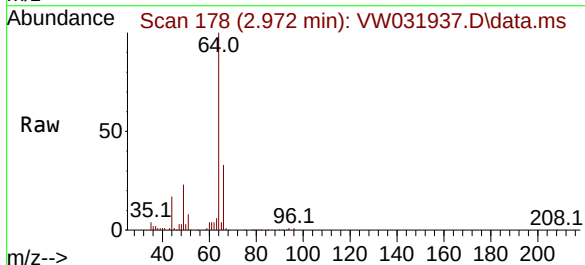
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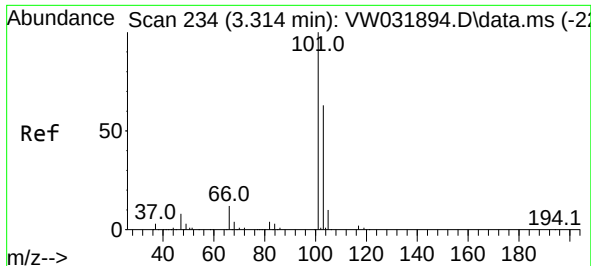
Tgt Ion: 94 Resp: 87443
Ion Ratio Lower Upper
94 100
96 87.3 75.0 112.6



#6
Chloroethane
Concen: 49.216 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 64 Resp: 81250
Ion Ratio Lower Upper
64 100
66 32.9 25.6 38.4

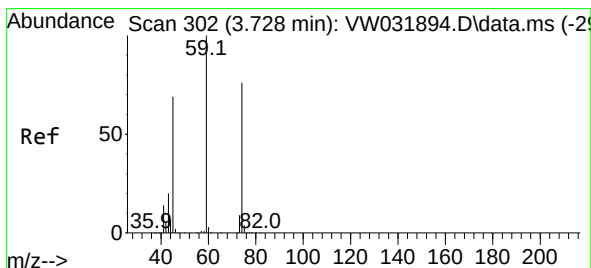
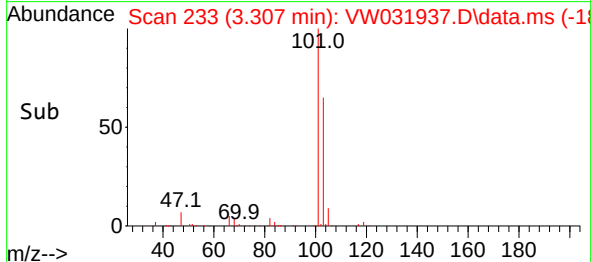
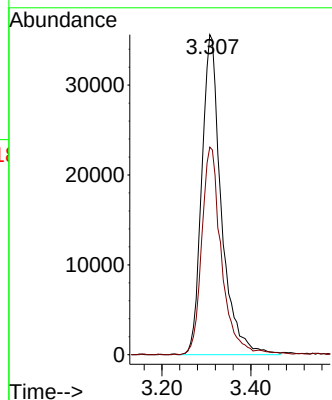
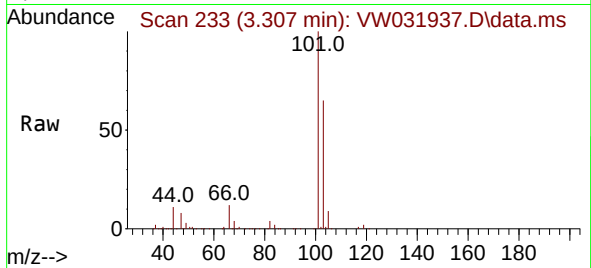




#7
 Trichlorofluoromethane
 Concen: 43.046 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.006 min
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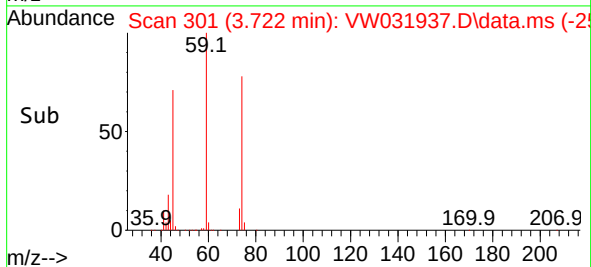
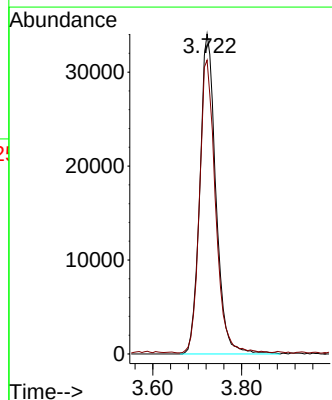
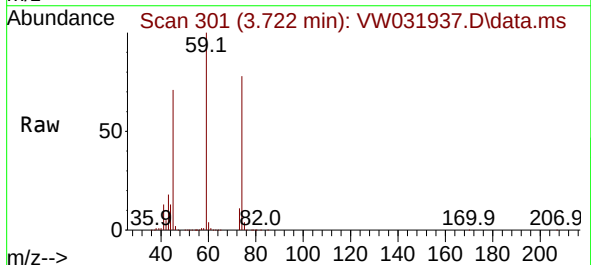
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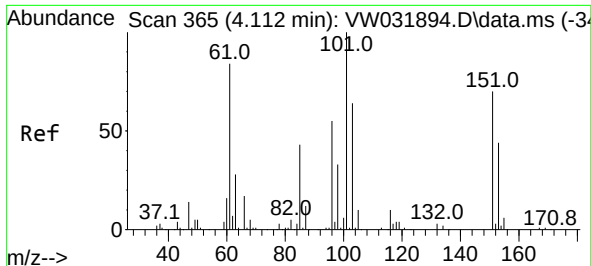
Tgt Ion:101 Resp: 109056
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.645 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

Tgt Ion: 74 Resp: 85709
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.5 136.5

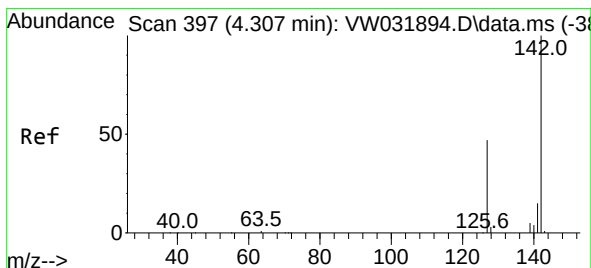
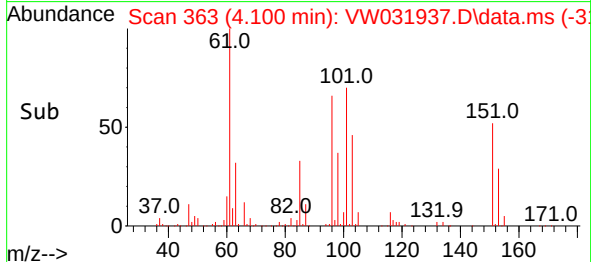
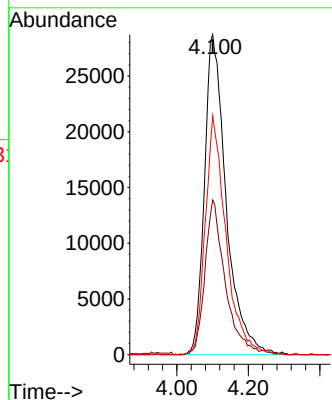
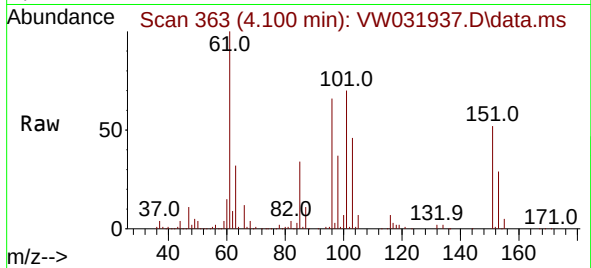




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.736 ug/l
 RT: 4.100 min Scan# 30
 Delta R.T. -0.012 min
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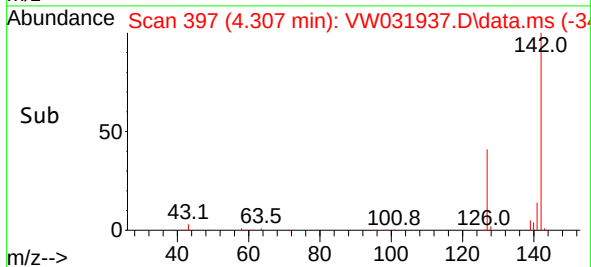
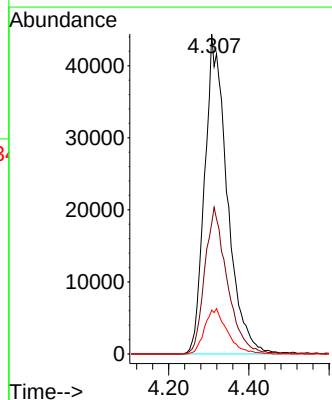
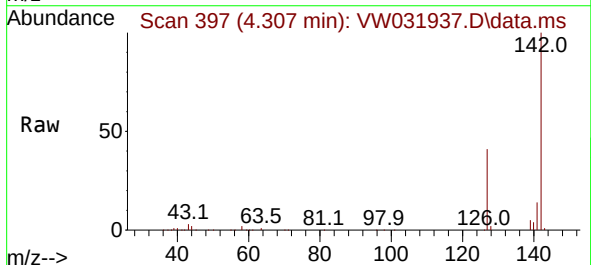
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 ClientSampleId :
 VSTDCCC050EC

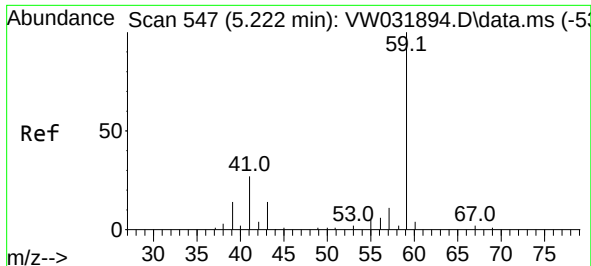
Tgt Ion:101 Resp: 121199
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.5 53.3
 151 71.3 54.6 81.8



#10
 Methyl Iodide
 Concen: 47.434 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

Tgt Ion:142 Resp: 172824
 Ion Ratio Lower Upper
 142 100
 127 45.8 37.4 56.2
 141 14.3 11.9 17.9

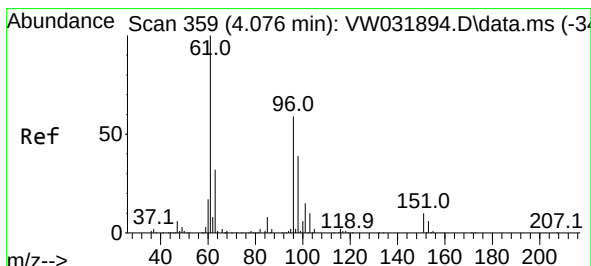
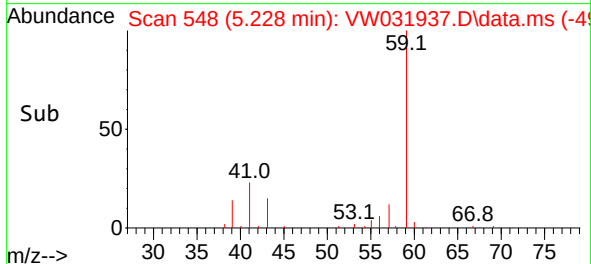
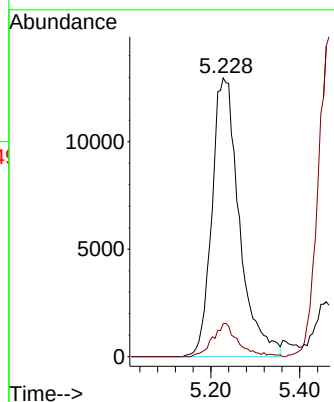
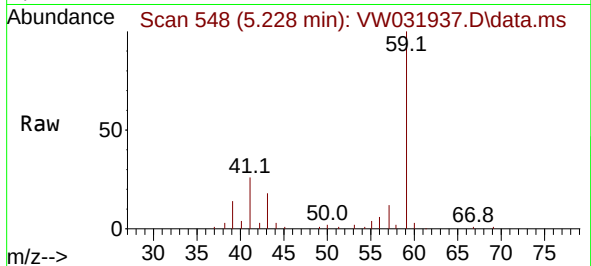




#11
Tert butyl alcohol
Concen: 309.099 ug/l
RT: 5.228 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

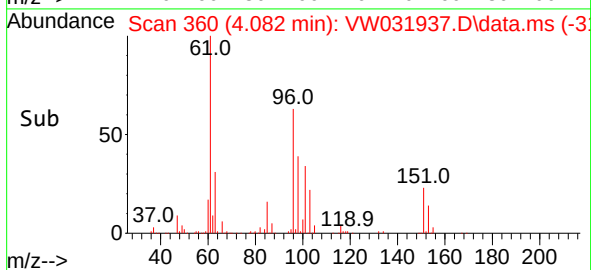
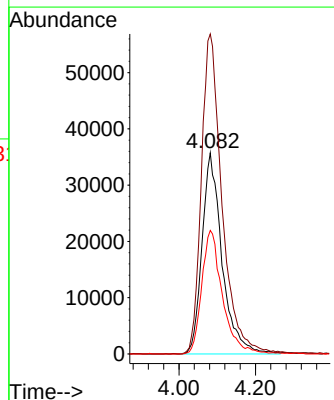
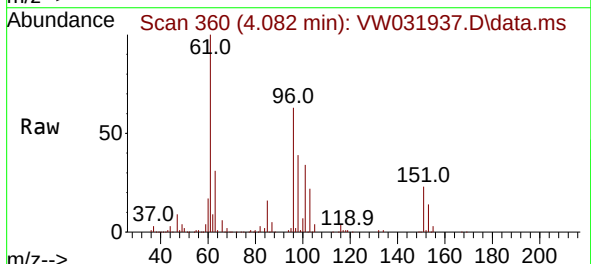
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

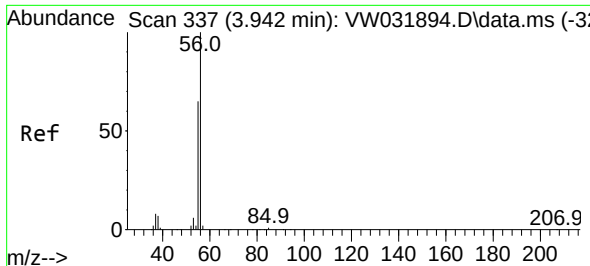
Tgt Ion: 59 Resp: 55481
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.284 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 96 Resp: 129960
Ion Ratio Lower Upper
96 100
61 159.1 135.0 202.6
98 61.4 52.3 78.5

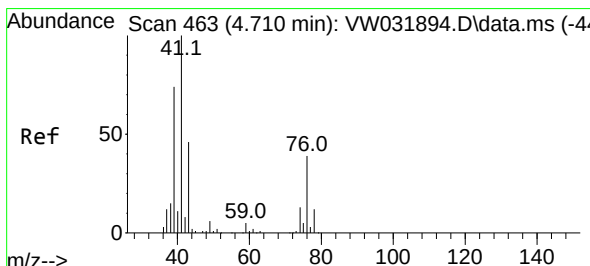
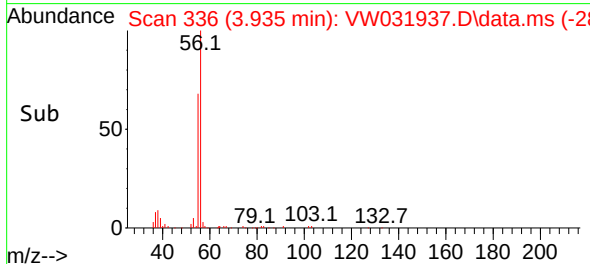
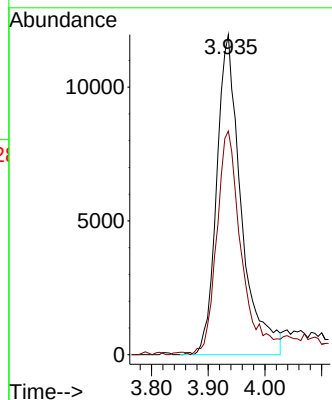
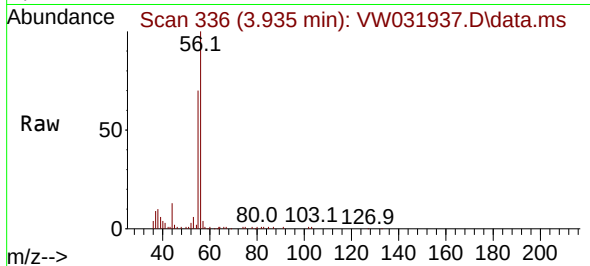




#13
Acrolein
Concen: 140.715 ug/l
RT: 3.935 min Scan# 31
Delta R.T. -0.007 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

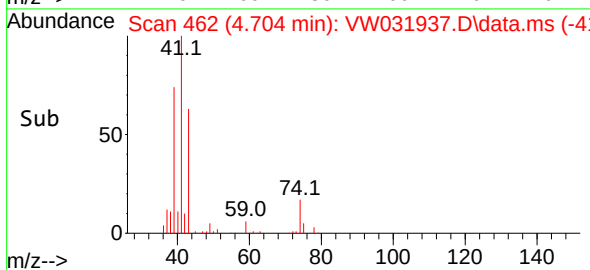
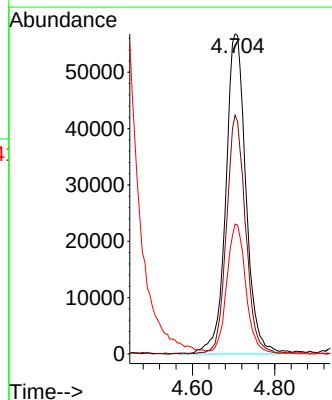
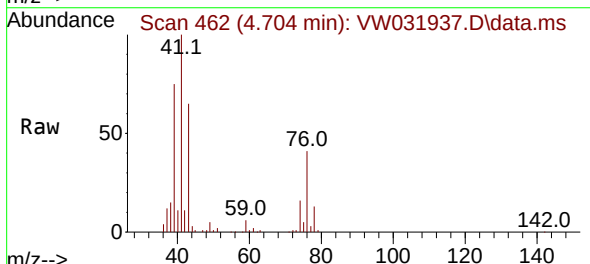
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

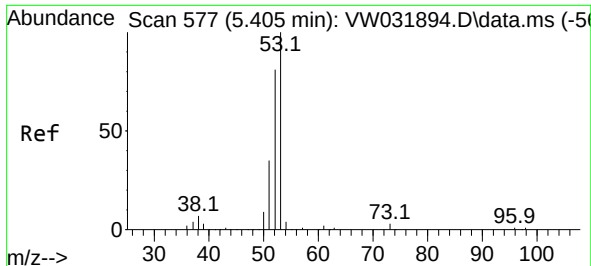
Tgt Ion: 56 Resp: 35884
Ion Ratio Lower Upper
56 100
55 70.6 56.7 85.1



#14
Allyl chloride
Concen: 46.002 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 41 Resp: 192748
Ion Ratio Lower Upper
41 100
39 70.9 56.6 85.0
76 38.0 30.1 45.1

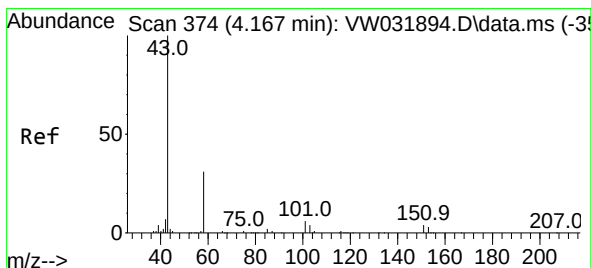
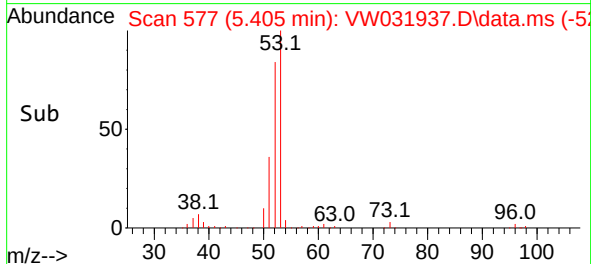
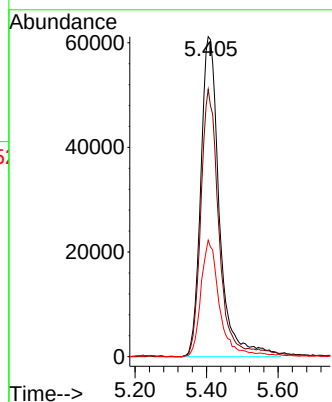
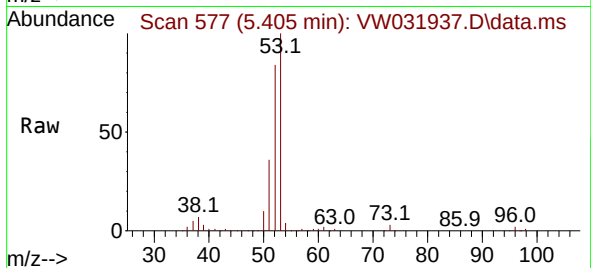




#15
Acrylonitrile
Concen: 292.626 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

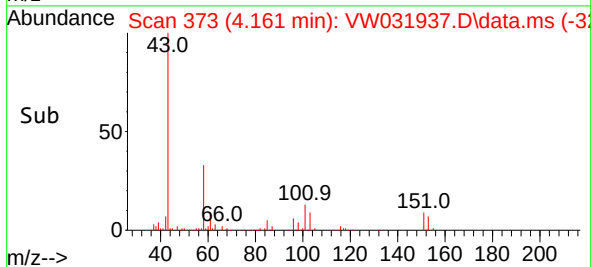
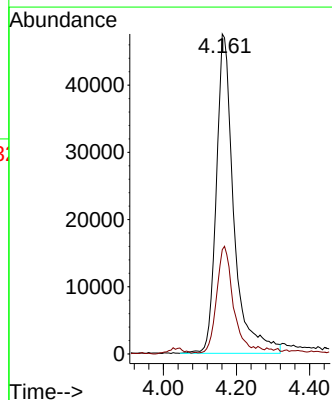
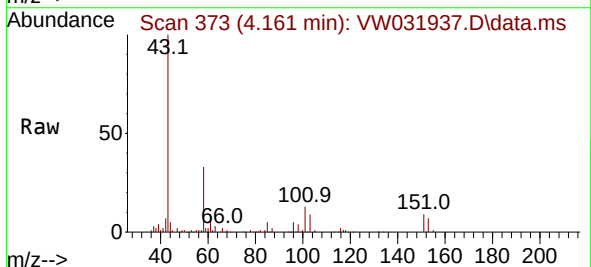
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

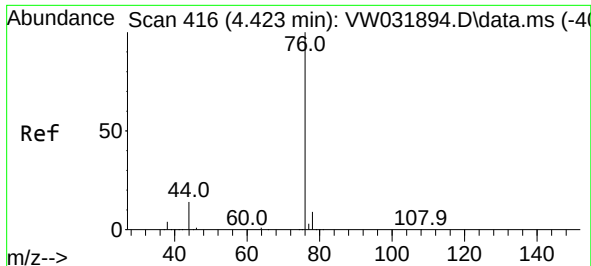
Tgt Ion:	53	Resp:	221404
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.0	100.4
51	35.8	29.9	44.9



#16
Acetone
Concen: 217.676 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:	43	Resp:	157728
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.5	38.3

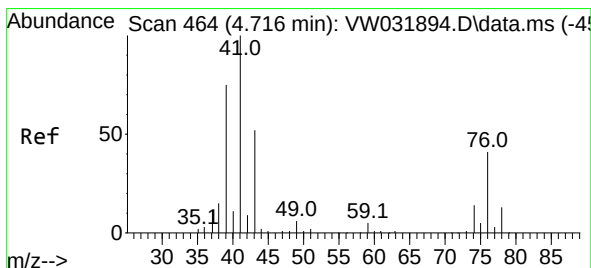
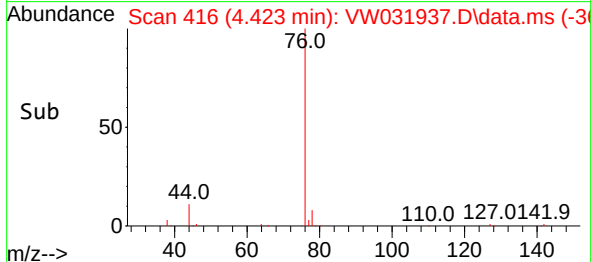
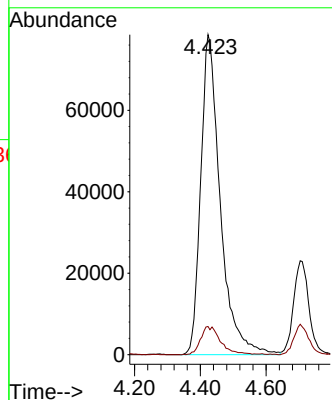
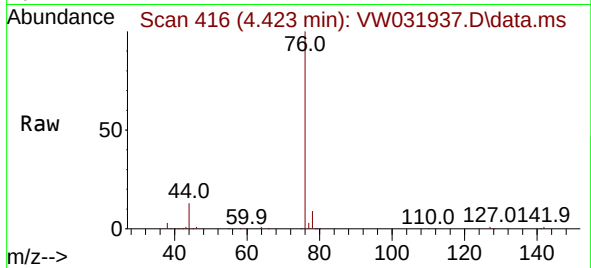




#17
Carbon Disulfide
Concen: 46.407 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

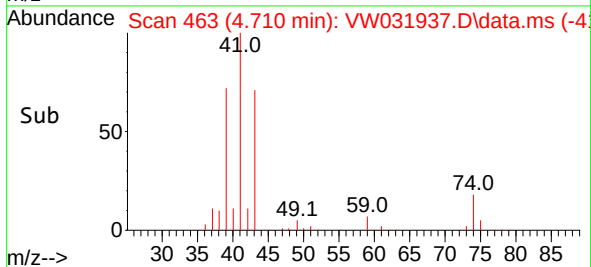
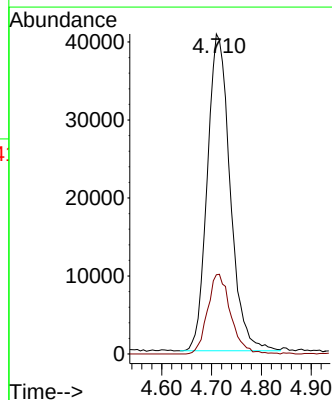
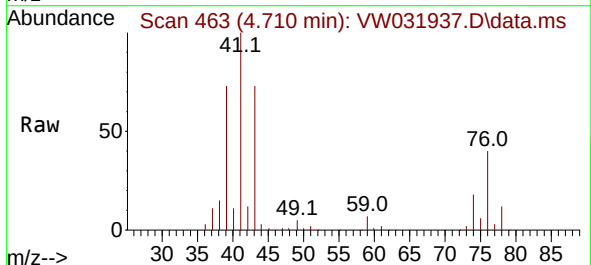
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

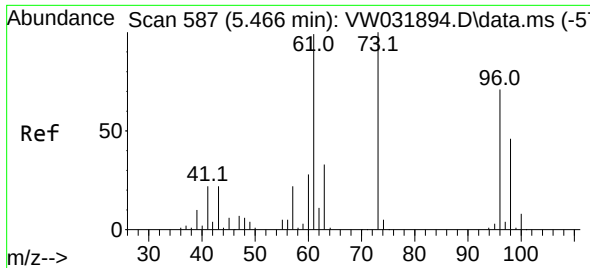
Tgt Ion: 76 Resp: 323944
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 64.781 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 43 Resp: 129322
Ion Ratio Lower Upper
43 100
74 25.5 20.6 31.0

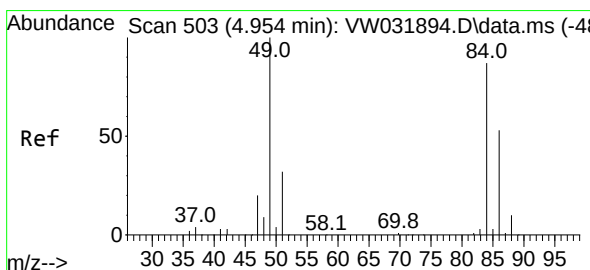
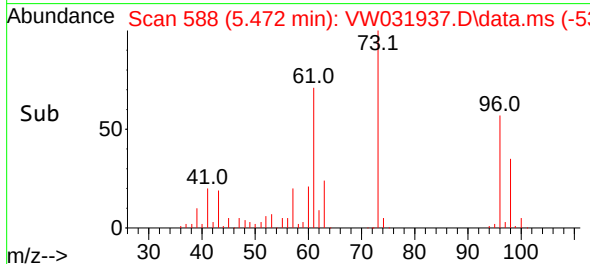
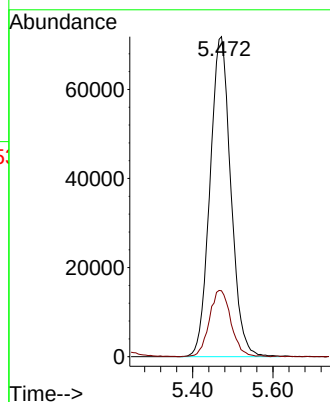
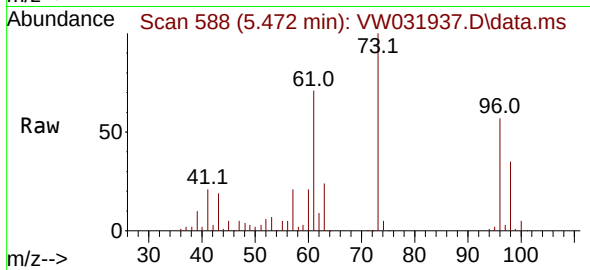




#19
Methyl tert-butyl Ether
Concen: 55.665 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

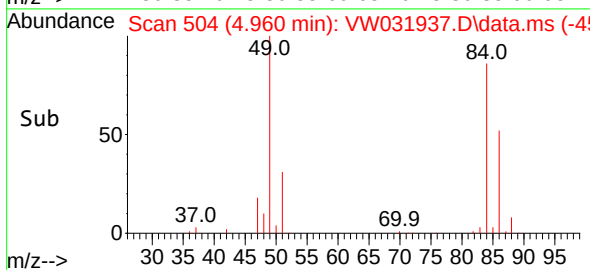
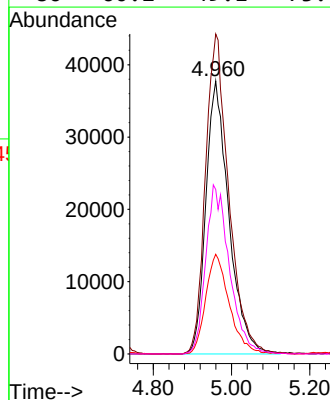
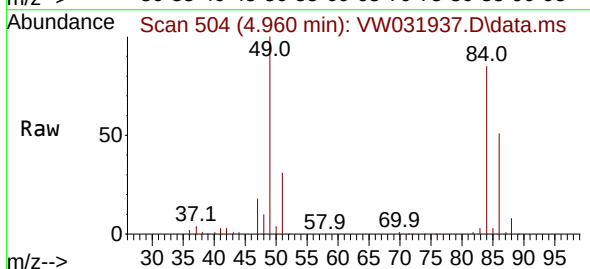
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

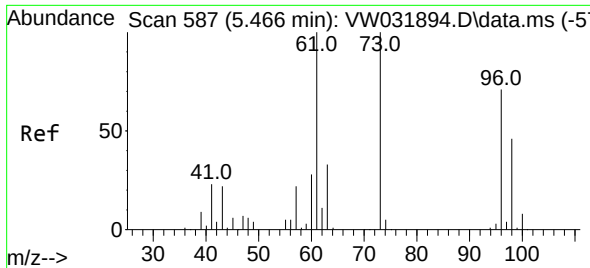
Tgt Ion: 73 Resp: 258874
Ion Ratio Lower Upper
73 100
57 20.6 17.5 26.3



#20
Methylene Chloride
Concen: 49.660 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 84 Resp: 153994
Ion Ratio Lower Upper
84 100
49 117.2 91.9 137.9
51 36.5 29.0 43.6
86 60.2 49.1 73.7

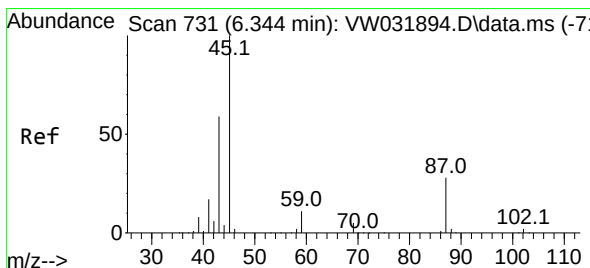
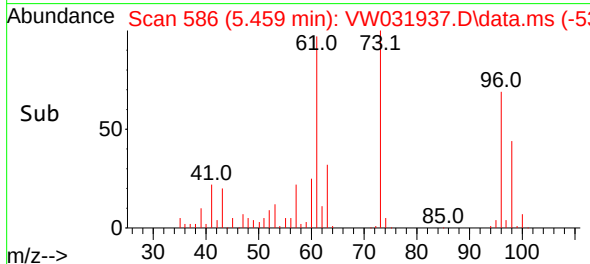
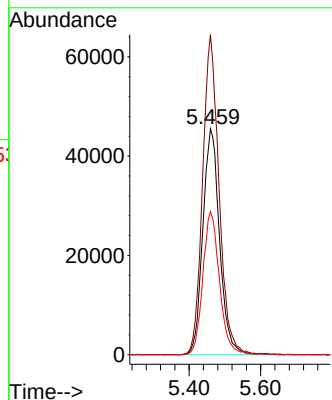
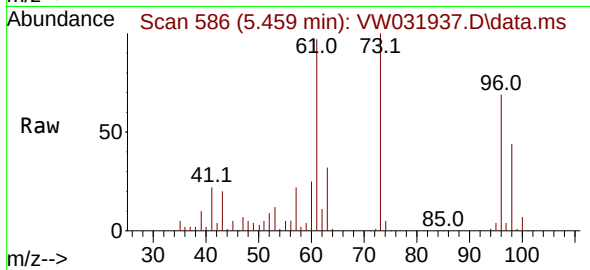




#21
trans-1,2-Dichloroethene
Concen: 51.830 ug/l
RT: 5.459 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

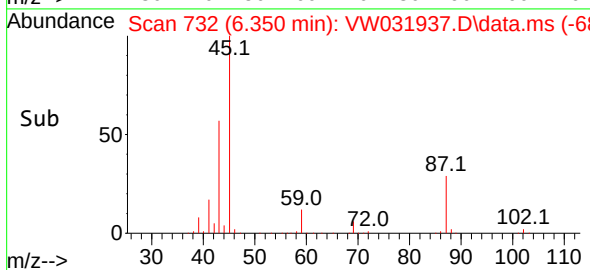
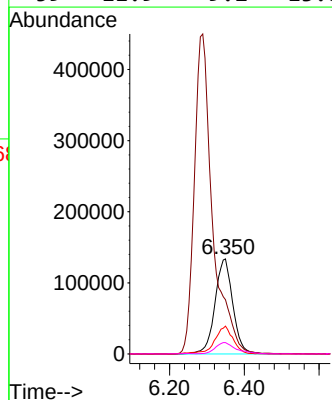
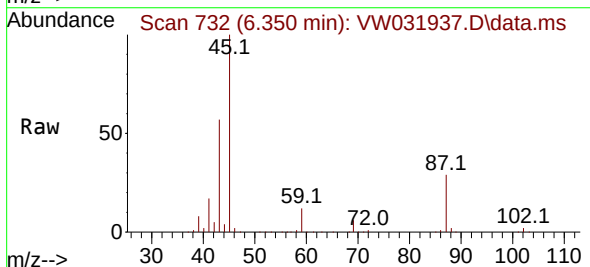
Instrument :
MSVOA_W
ClientSampleId :
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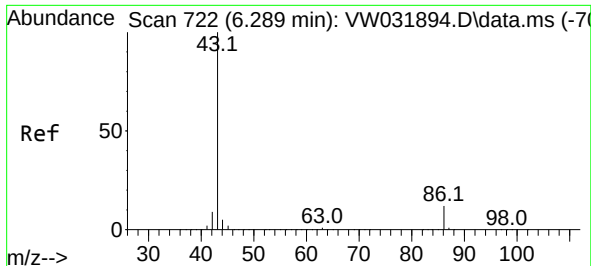
Tgt Ion: 96 Resp: 148014
Ion Ratio Lower Upper
96 100
61 141.6 112.8 169.2
98 63.3 51.9 77.9



#22
Diisopropyl ether
Concen: 52.926 ug/l
RT: 6.350 min Scan# 732
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 45 Resp: 443740
Ion Ratio Lower Upper
45 100
43 56.7 47.0 70.6
87 29.3 22.8 34.2
59 11.9 9.2 13.8

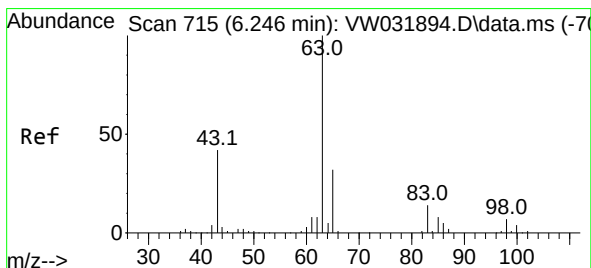
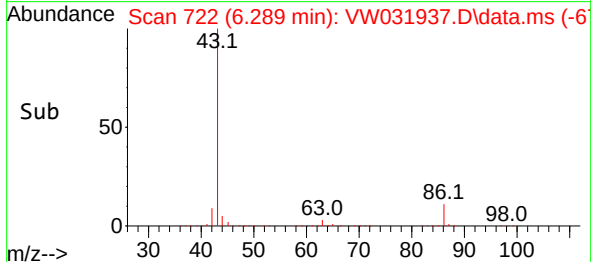
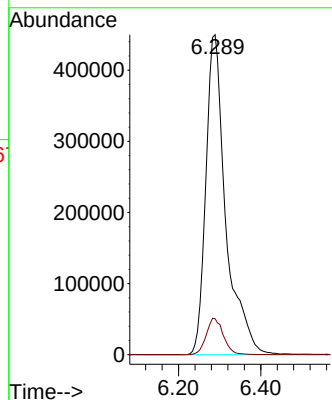
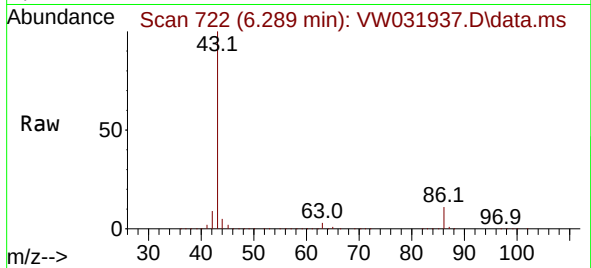




#23
 Vinyl Acetate
 Concen: 277.200 ug/l
 RT: 6.289 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

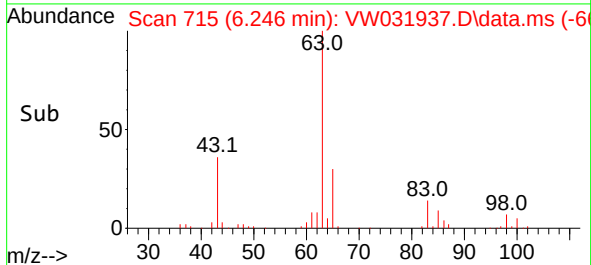
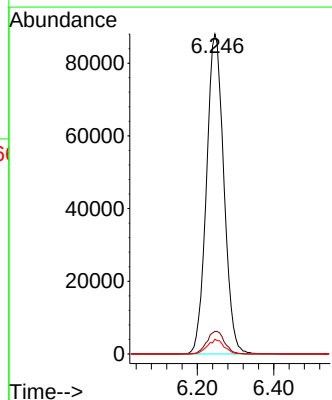
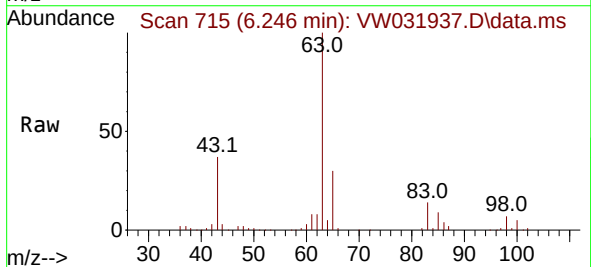
Instrument :
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 ClientSampleId :
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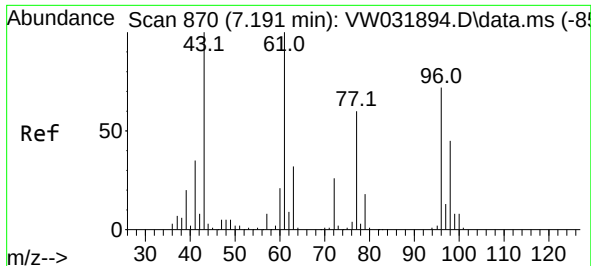
Tgt Ion: 43 Resp: 1518363
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 53.050 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

Tgt Ion: 63 Resp: 276925
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.6 2.2 6.6

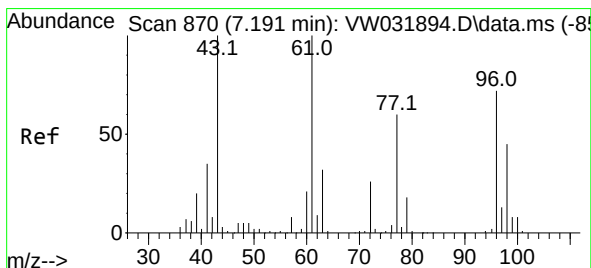
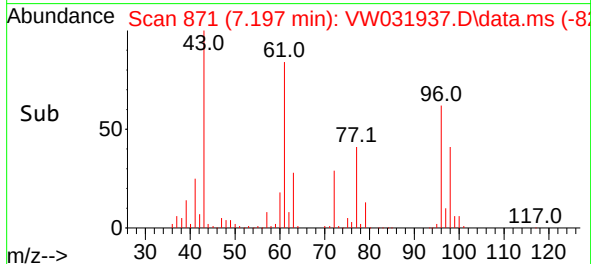
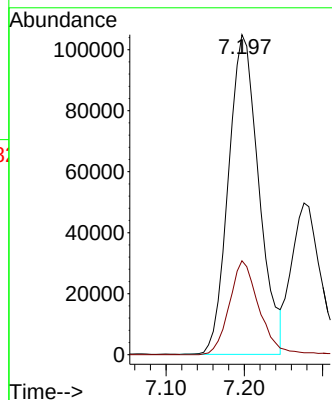
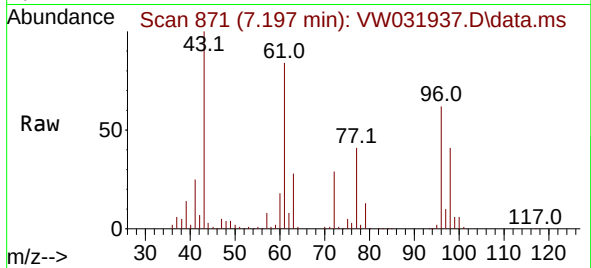




#25
2-Butanone
Concen: 285.860 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

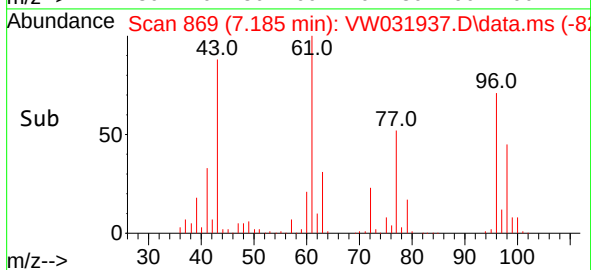
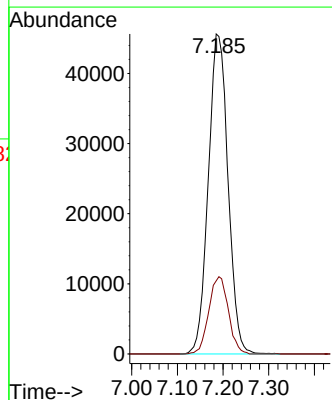
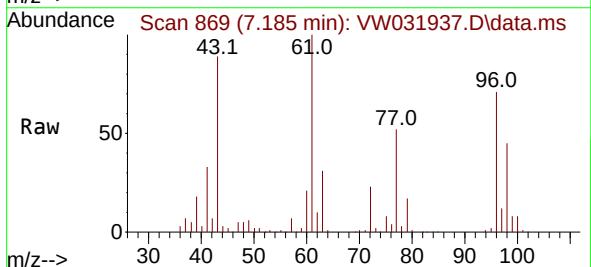
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

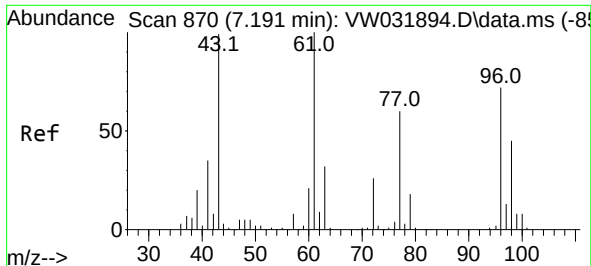
Tgt Ion: 43 Resp: 283405
Ion Ratio Lower Upper
43 100
72 29.4 20.8 31.2



#26
2,2-Dichloropropane
Concen: 46.295 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 77 Resp: 136814
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.1



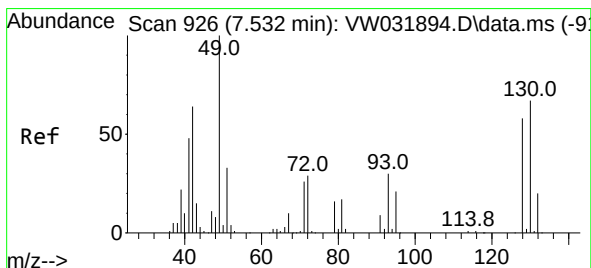
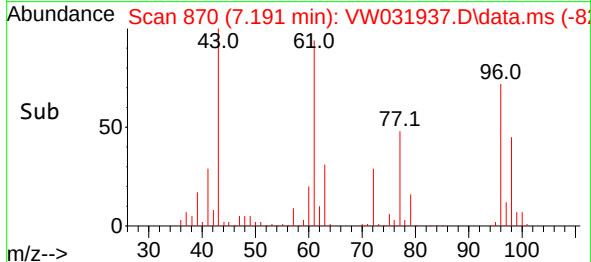
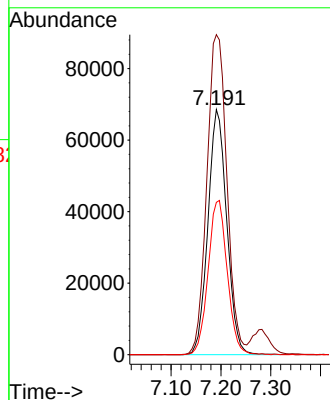
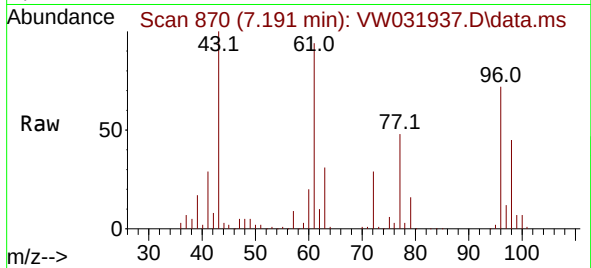


#27
 cis-1,2-Dichloroethene
 Concen: 53.546 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 179771

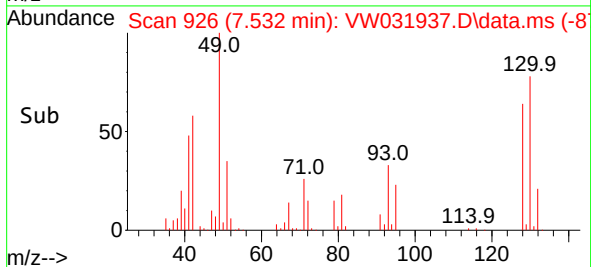
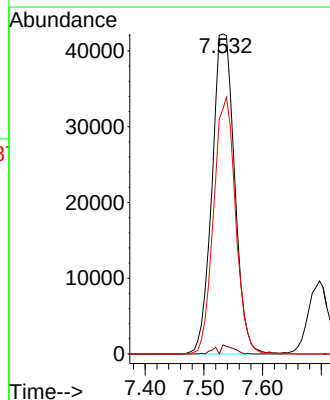
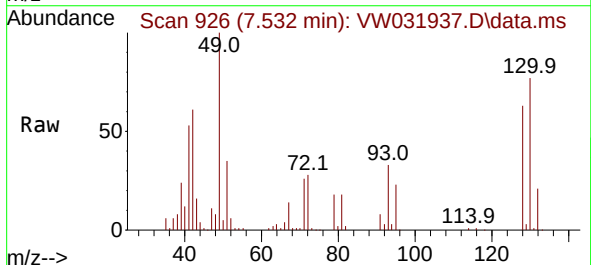
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	280.2
98	64.0	0.0	126.8

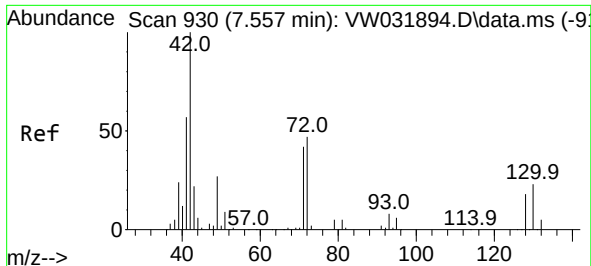


#28
 Bromochloromethane
 Concen: 51.746 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

Tgt Ion: 49 Resp: 113096

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	77.7	59.0	88.4





#29

Tetrahydrofuran

Concen: 305.732 ug/l

RT: 7.557 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

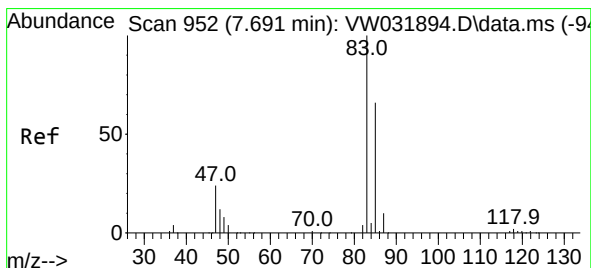
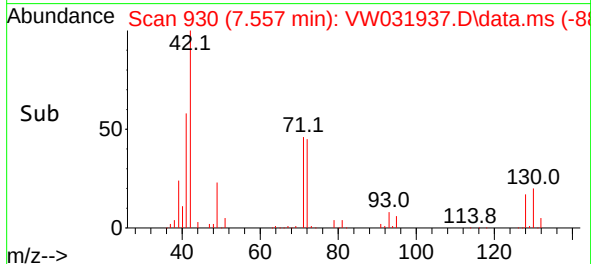
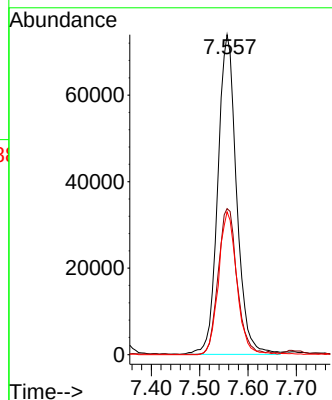
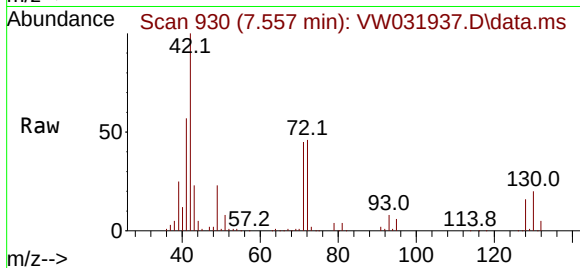
Tgt Ion: 42 Resp: 198725

Ion Ratio Lower Upper

42 100

72 46.0 37.0 55.6

71 43.5 34.5 51.7



#30

Chloroform

Concen: 54.319 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031937.D

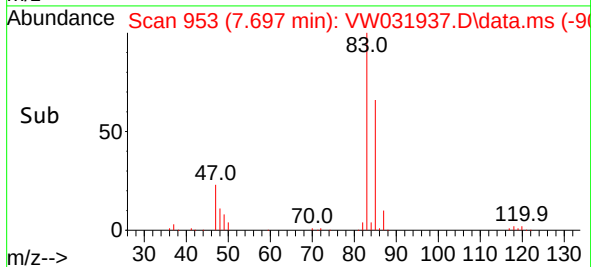
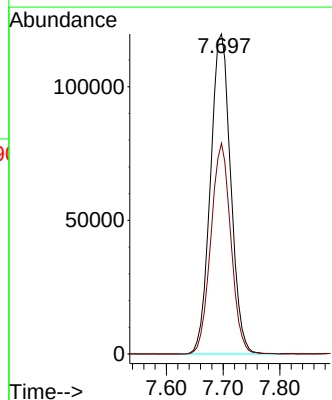
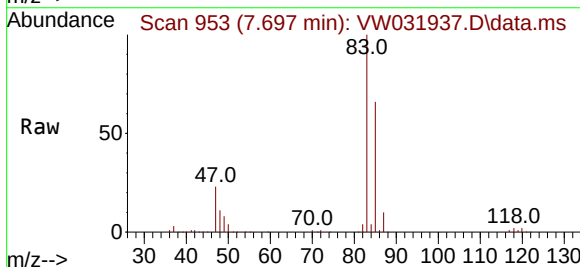
Acq: 25 Jul 2025 15:27

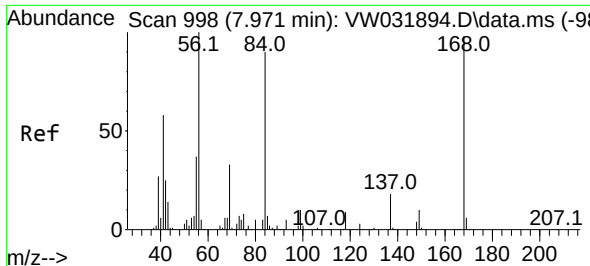
Tgt Ion: 83 Resp: 297301

Ion Ratio Lower Upper

83 100

85 65.8 52.6 78.8

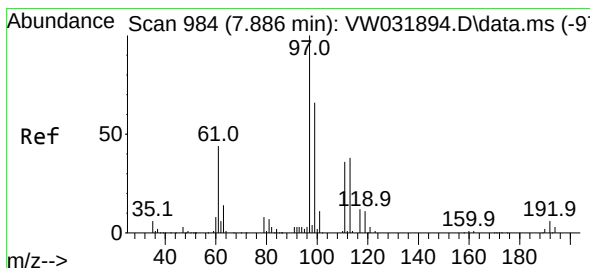
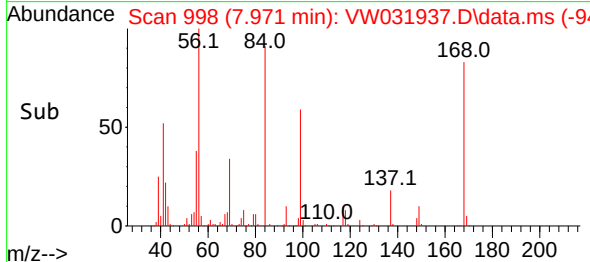
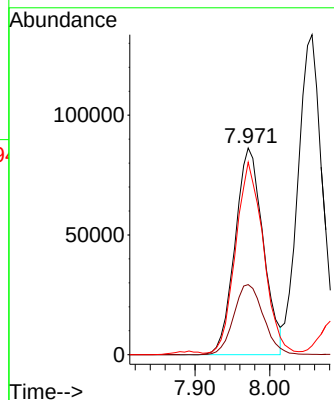
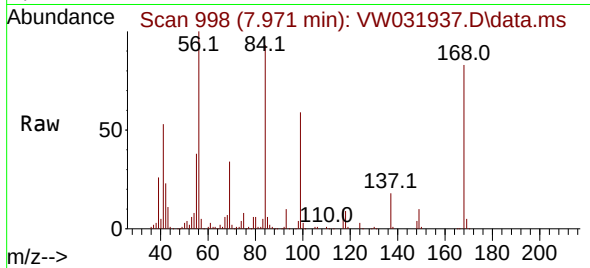




#31
Cyclohexane
Concen: 48.298 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

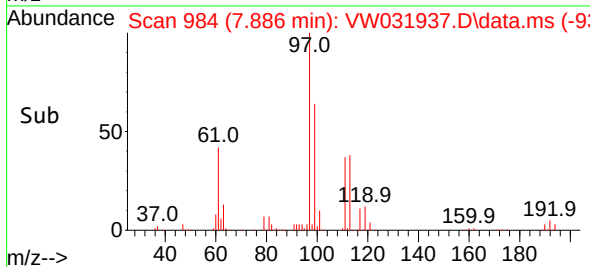
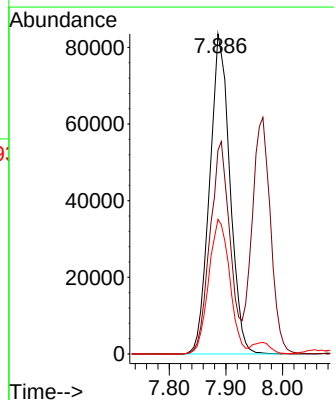
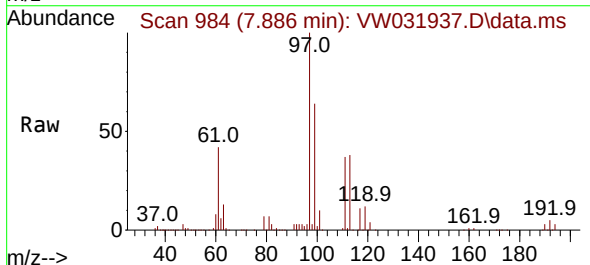
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

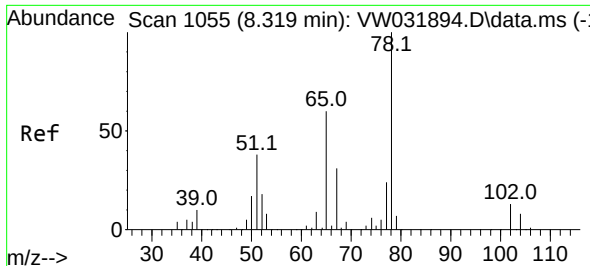
Tgt Ion: 56 Resp: 226189
Ion Ratio Lower Upper
56 100
69 33.9 26.7 40.1
84 91.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.768 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 97 Resp: 207278
Ion Ratio Lower Upper
97 100
99 65.8 53.0 79.4
61 43.6 35.4 53.0

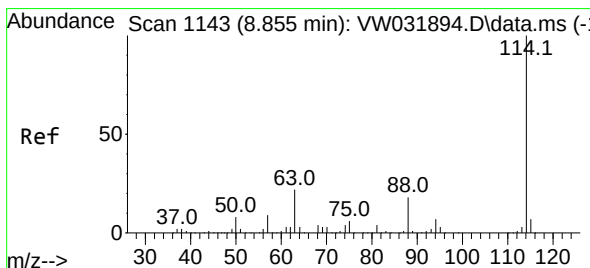
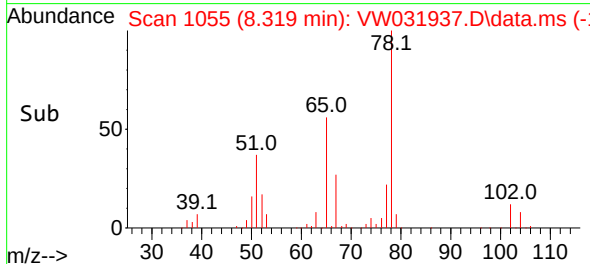
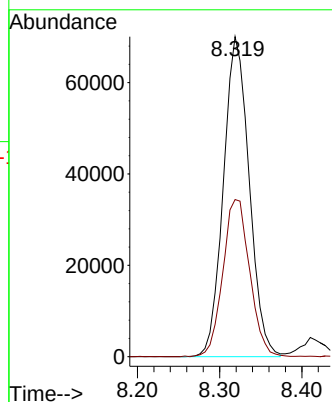
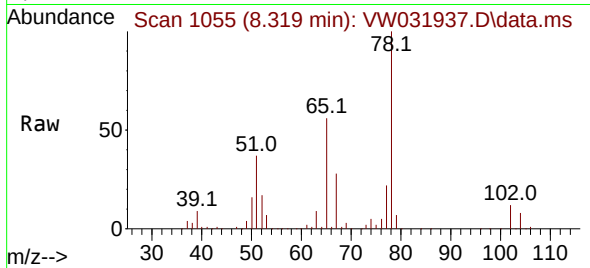




#33
1,2-Dichloroethane-d4
Concen: 49.926 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

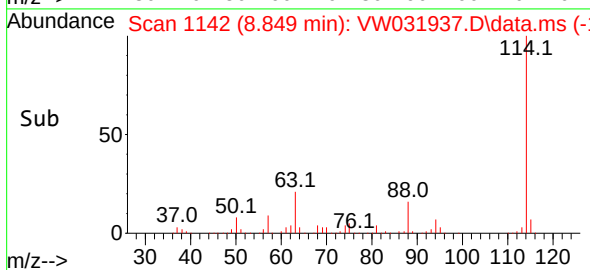
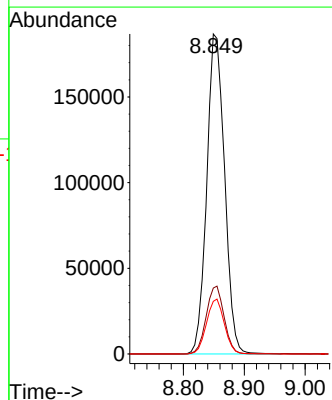
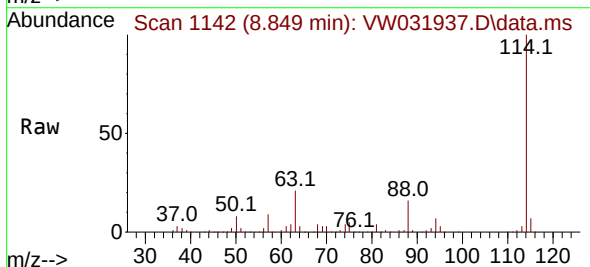
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

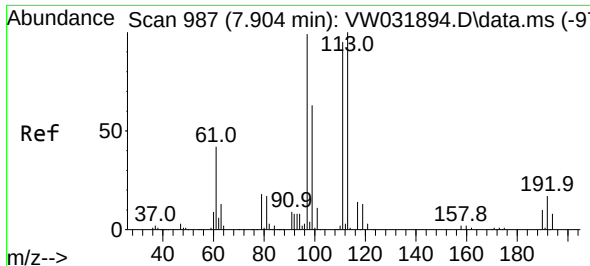
Tgt Ion: 65 Resp: 152451
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 114 Resp: 380146
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 16.5 0.0 35.6

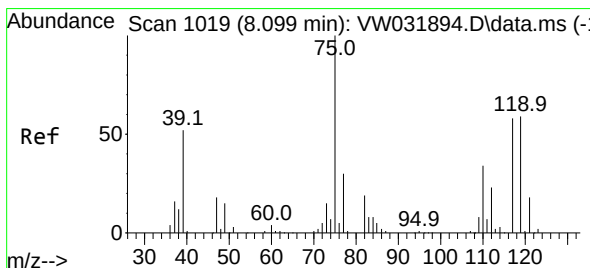
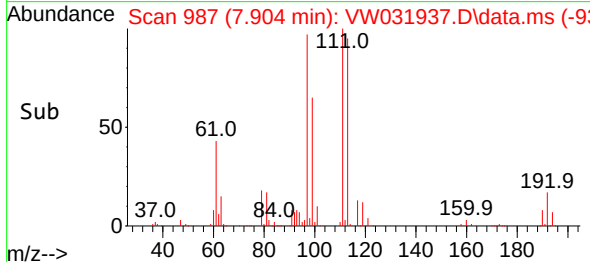
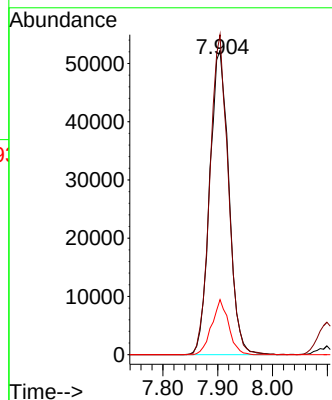
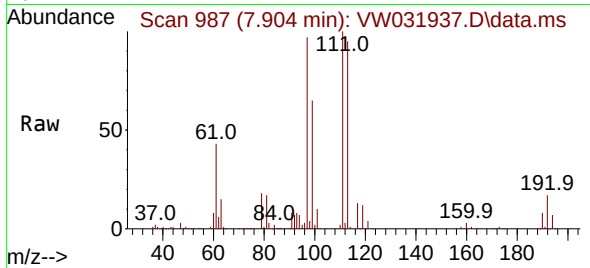




#35
 Dibromofluoromethane
 Concen: 48.858 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

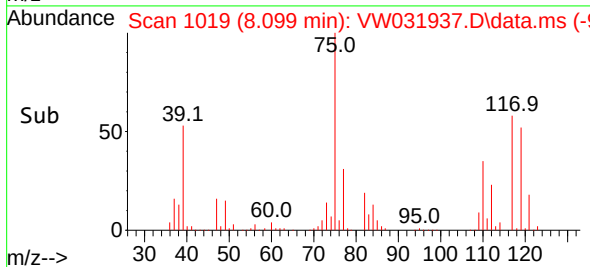
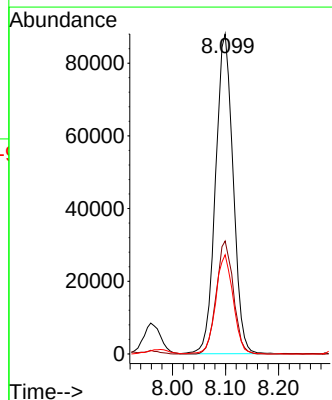
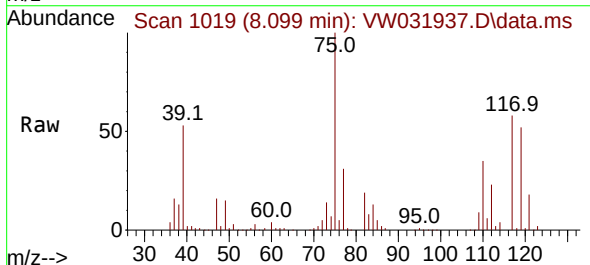
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

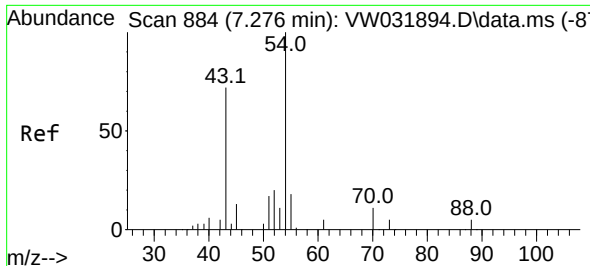
Tgt Ion:113 Resp: 126207
 Ion Ratio Lower Upper
 113 100
 111 101.1 79.9 119.9
 192 15.9 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 50.994 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW031937.D
 Acq: 25 Jul 2025 15:27

Tgt Ion: 75 Resp: 202291
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.0 50.9
 77 31.0 25.1 37.7

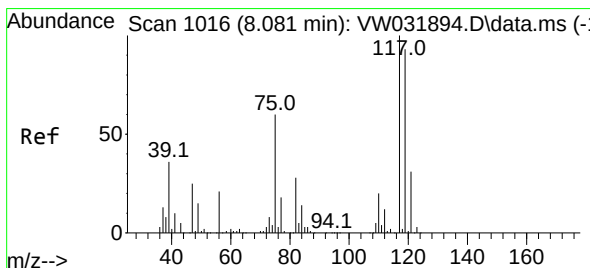
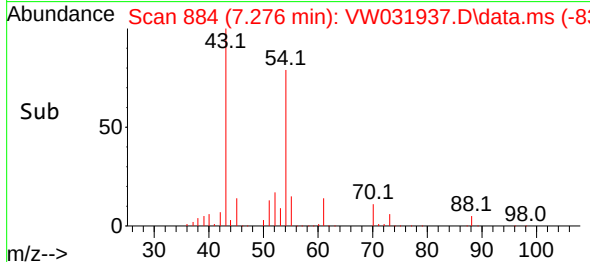
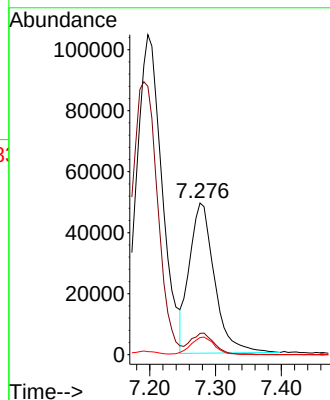
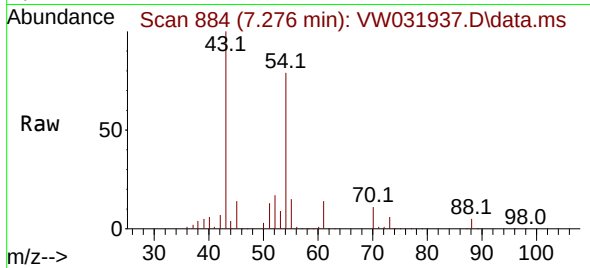




#37
Ethyl Acetate
Concen: 57.572 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

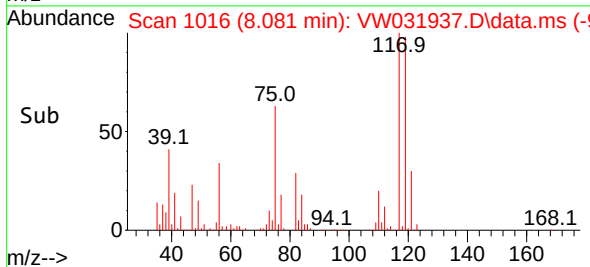
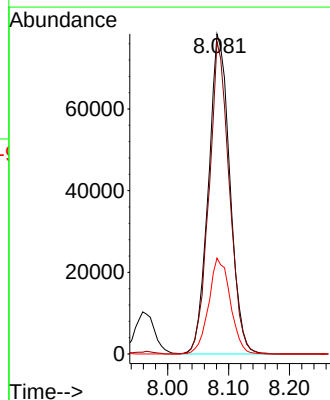
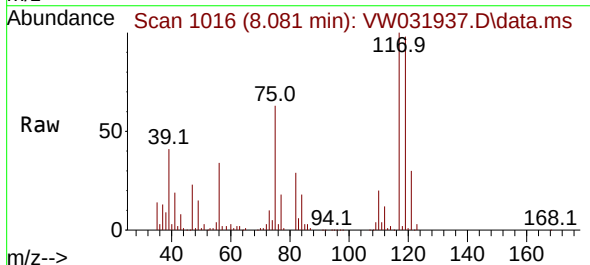
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

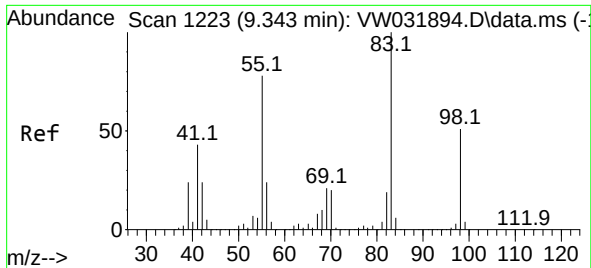
Tgt Ion: 43 Resp: 130284
Ion Ratio Lower Upper
43 100
61 12.5 10.6 15.8
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 50.146 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 117 Resp: 190916
Ion Ratio Lower Upper
117 100
119 97.6 74.3 111.5
121 30.0 24.6 37.0

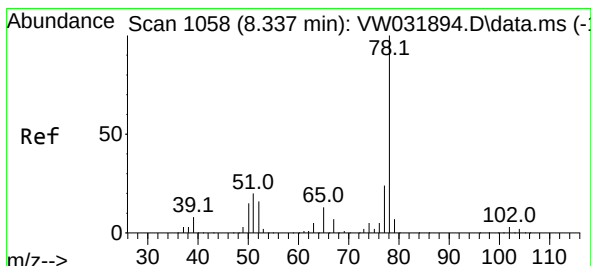
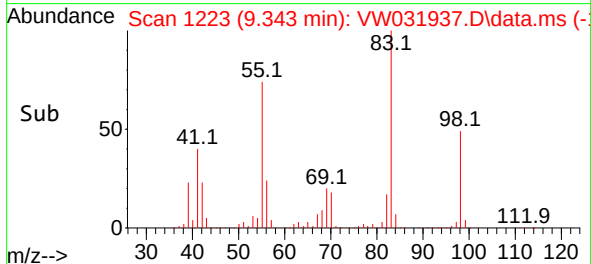
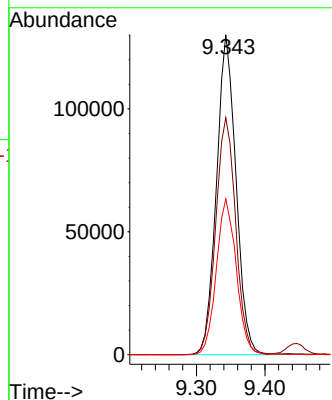
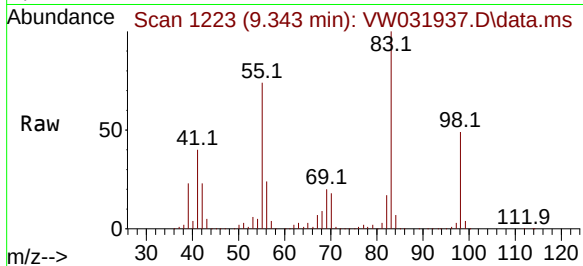




#39
Methylcyclohexane
Concen: 51.590 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

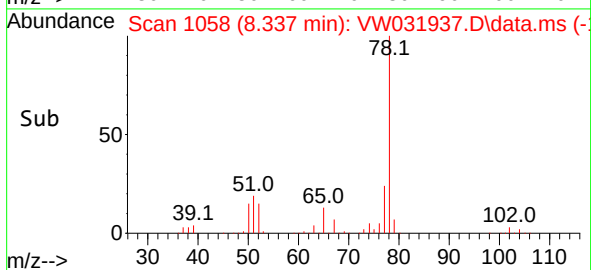
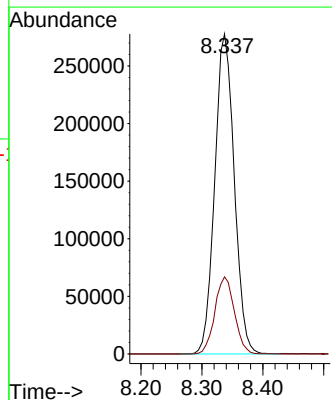
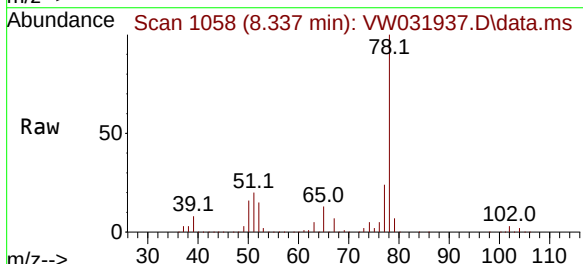
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

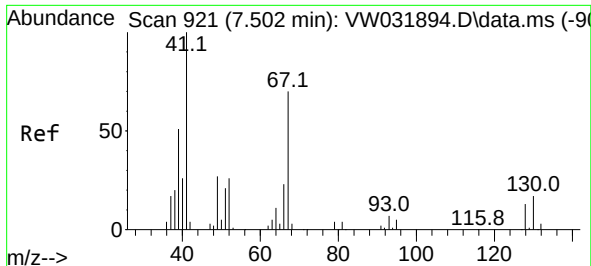
Tgt Ion: 83 Resp: 257555
Ion Ratio Lower Upper
83 100
55 74.1 62.5 93.7
98 48.7 40.6 61.0



#40
Benzene
Concen: 52.646 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 78 Resp: 618224
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

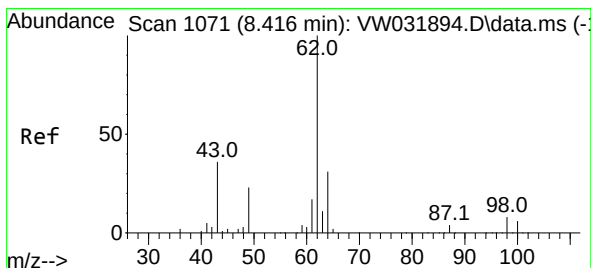
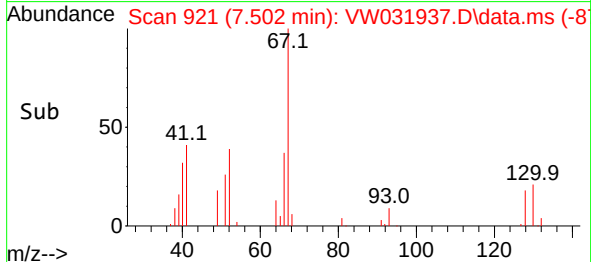
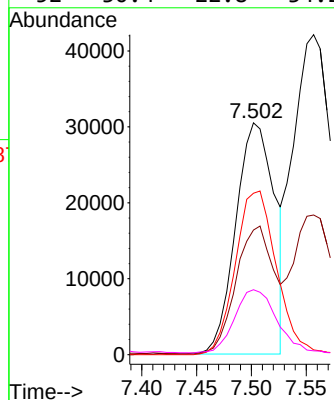
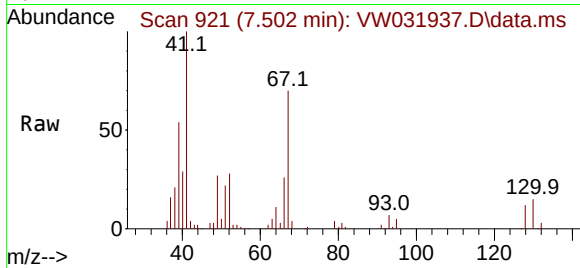




#41
Methacrylonitrile
Concen: 55.375 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

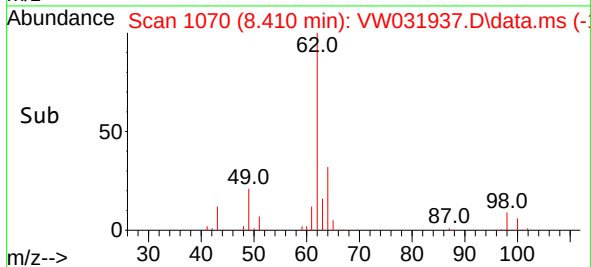
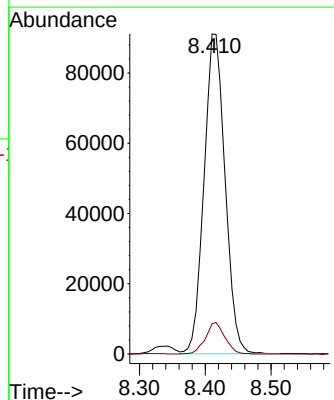
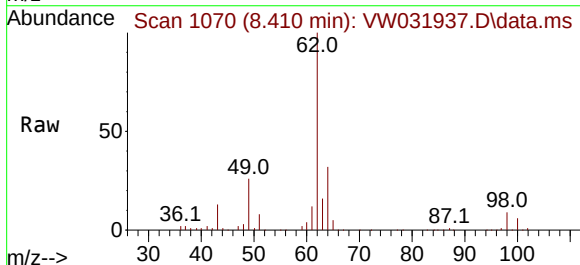
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

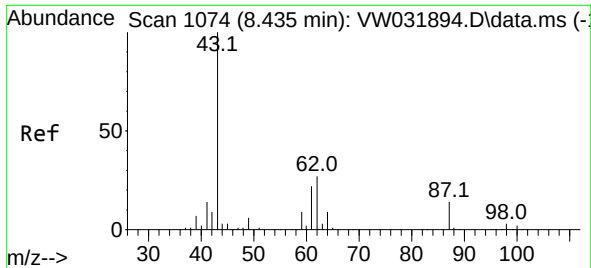
Tgt Ion:	41	Resp:	75015
Ion	Ratio	Lower	Upper
41	100		
39	53.7	41.1	61.7
67	76.2	56.2	84.4
52	30.4	22.8	34.2



#42
1,2-Dichloroethane
Concen: 53.902 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:	62	Resp:	202579
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

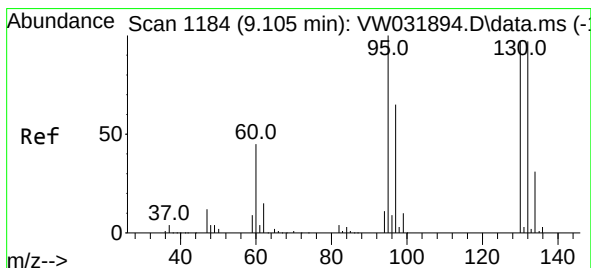
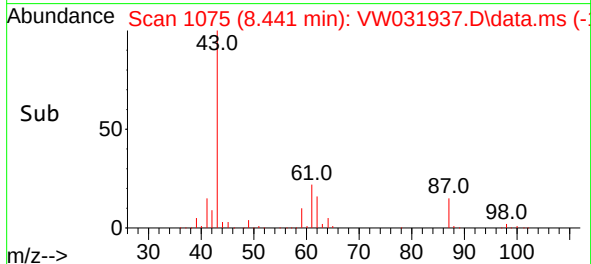
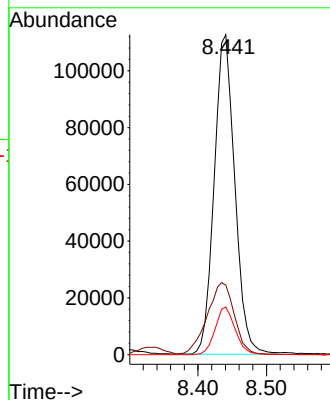
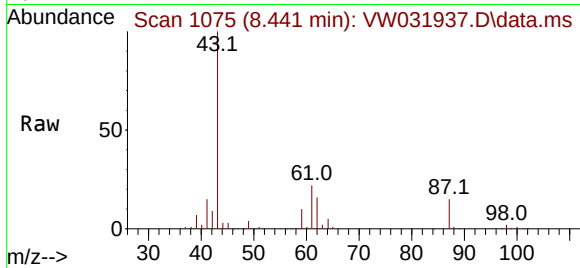




#43
Isopropyl Acetate
Concen: 57.365 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

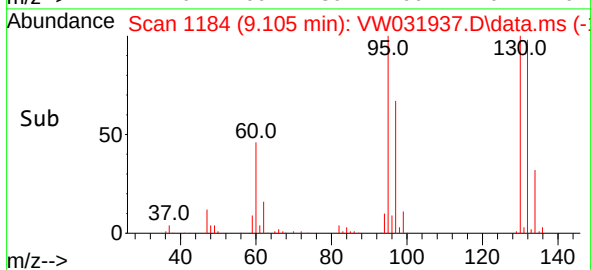
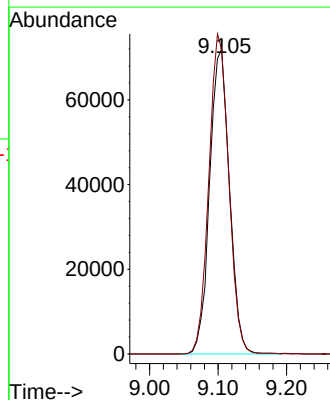
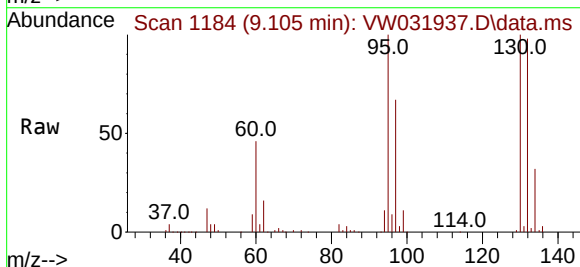
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

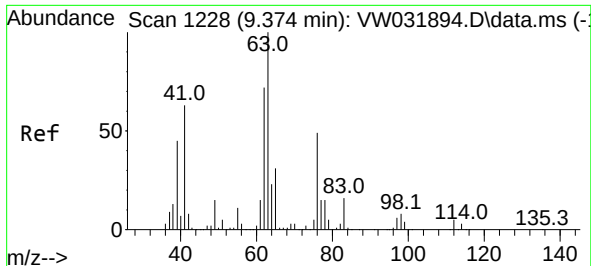
Tgt Ion: 43 Resp: 235012
Ion Ratio Lower Upper
43 100
61 29.7 24.0 36.0
87 14.6 11.1 16.7



#44
Trichloroethene
Concen: 51.865 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:130 Resp: 144768
Ion Ratio Lower Upper
130 100
95 99.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 53.005 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

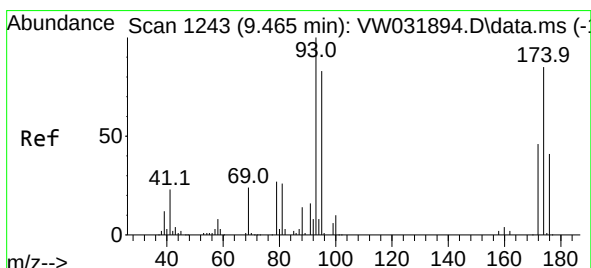
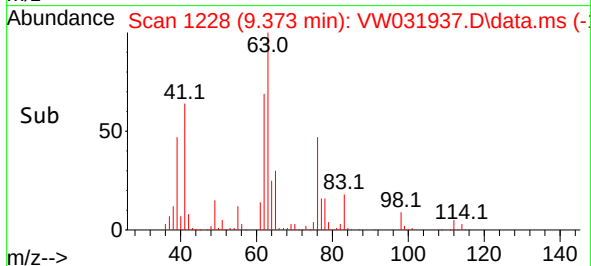
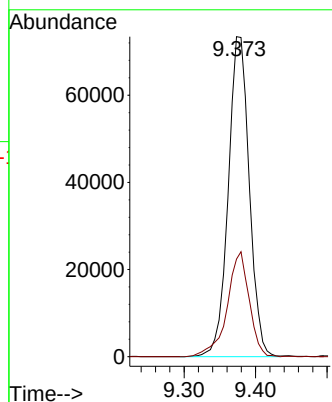
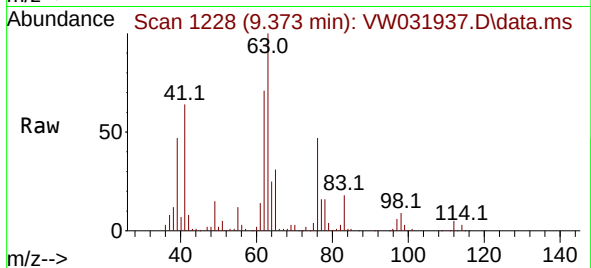
VSTDCCC050EC

Tgt Ion: 63 Resp: 149906

Ion Ratio Lower Upper

63 100

65 30.5 25.0 37.4



#46

Dibromomethane

Concen: 55.408 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

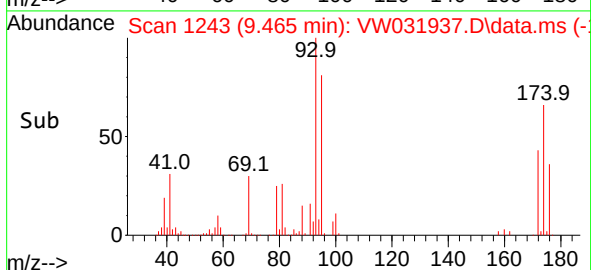
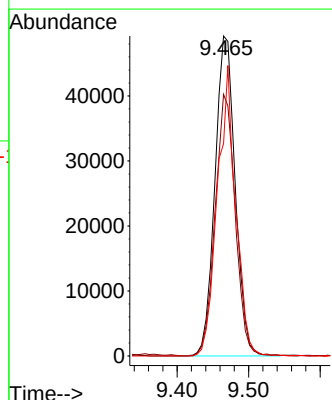
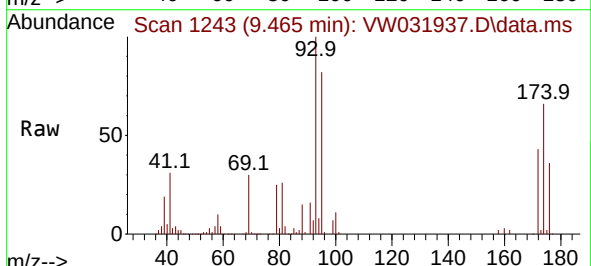
Tgt Ion: 93 Resp: 97138

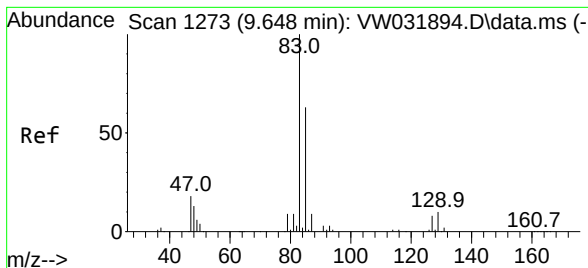
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.6

174 81.7 70.2 105.2





#47

Bromodichloromethane

Concen: 53.005 ug/l

RT: 9.654 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

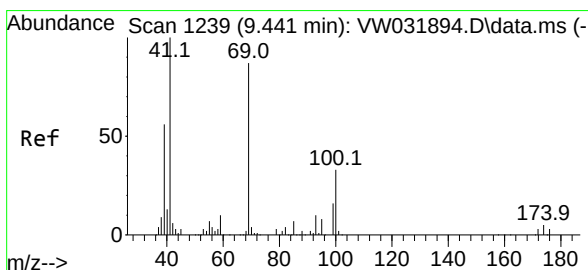
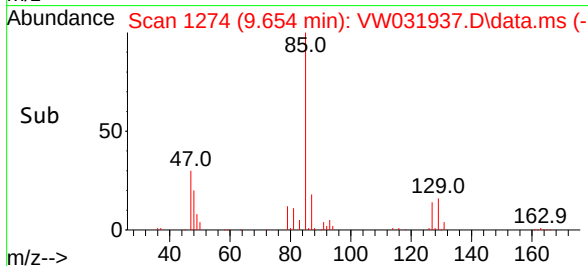
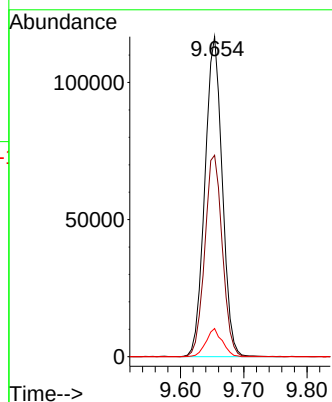
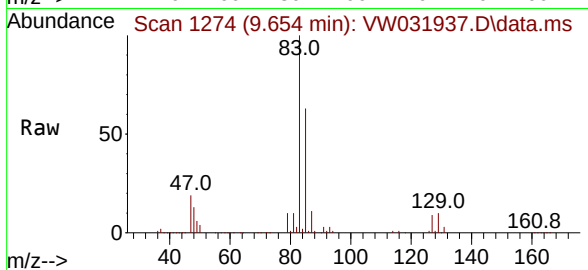
Tgt Ion: 83 Resp: 222824

Ion Ratio Lower Upper

83 100

85 63.0 50.6 76.0

127 8.8 6.5 9.7



#48

Methyl methacrylate

Concen: 59.881 ug/l

RT: 9.447 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

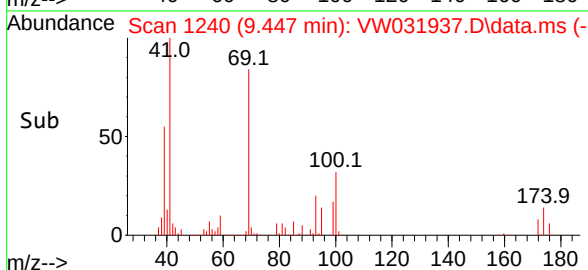
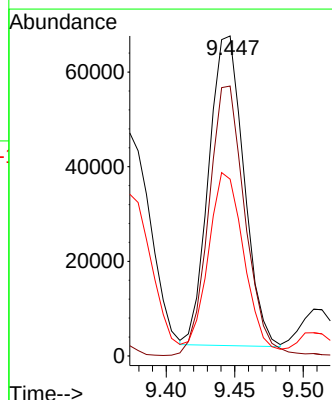
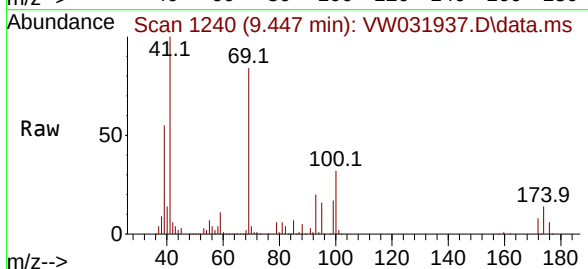
Tgt Ion: 41 Resp: 116712

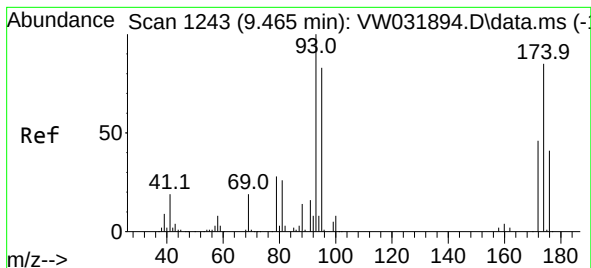
Ion Ratio Lower Upper

41 100

69 90.0 73.6 110.4

39 61.1 45.5 68.3





#49

1,4-Dioxane

Concen: 1335.200 ug/l

RT: 9.465 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

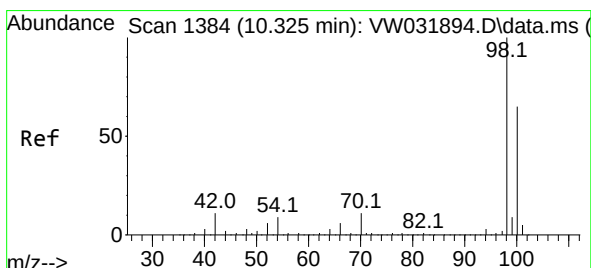
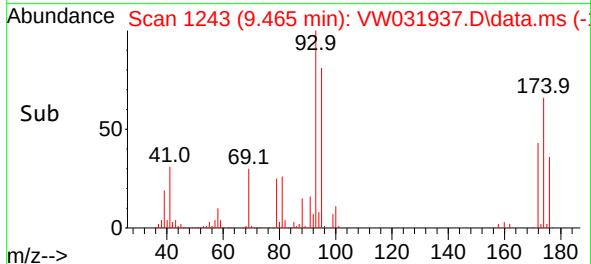
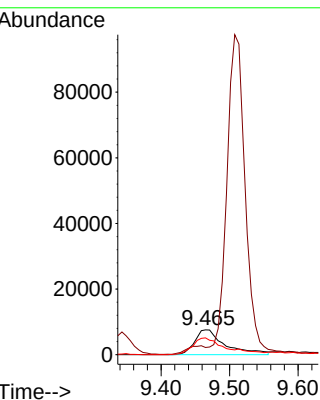
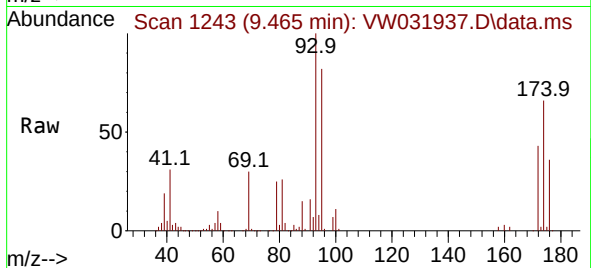
Tgt Ion: 88 Resp: 23357

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 73.4 58.2 87.2



#50

Toluene-d8

Concen: 47.721 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031937.D

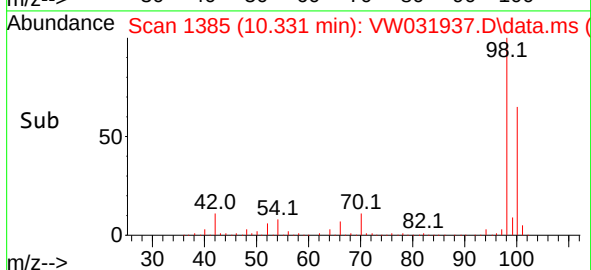
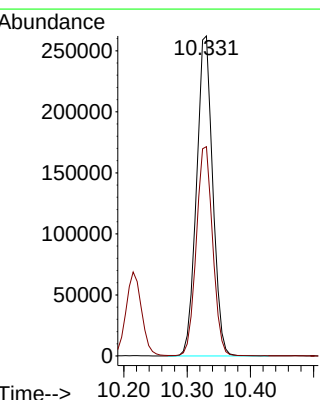
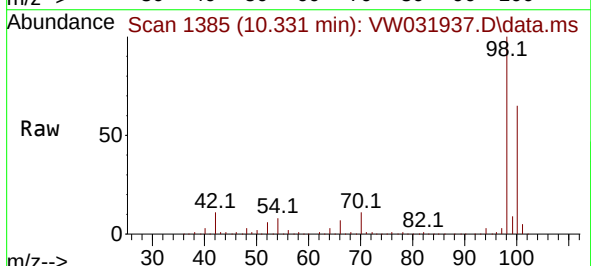
Acq: 25 Jul 2025 15:27

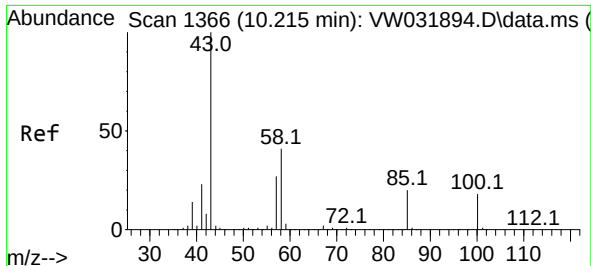
Tgt Ion: 98 Resp: 466537

Ion Ratio Lower Upper

98 100

100 66.1 51.7 77.5

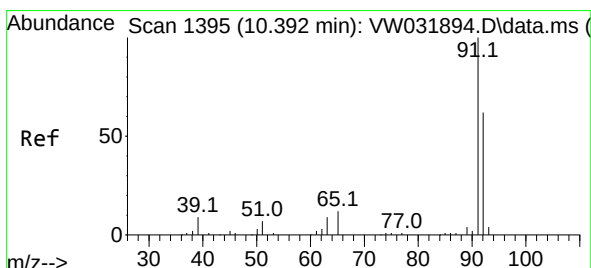
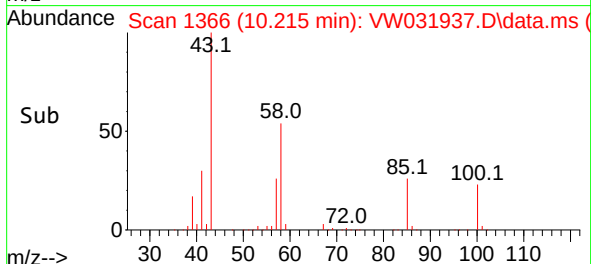
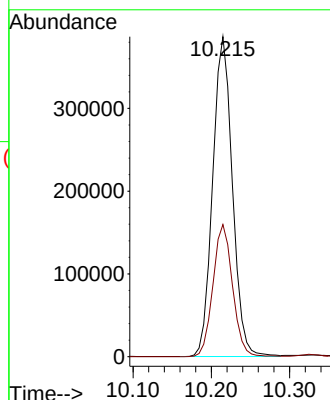
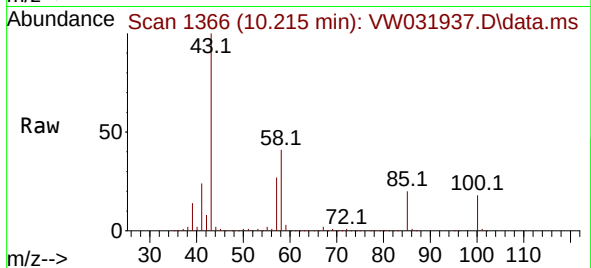




#51
4-Methyl-2-Pentanone
Concen: 301.913 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

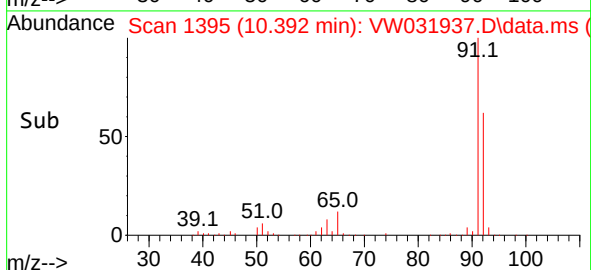
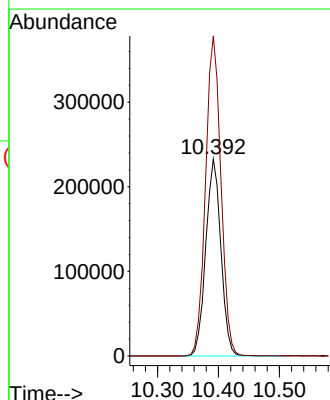
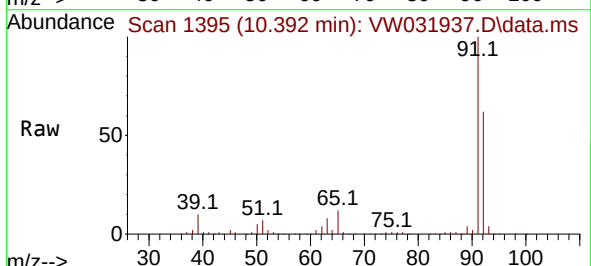
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

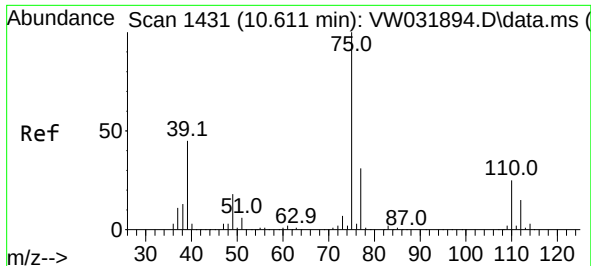
Tgt Ion: 43 Resp: 676903
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2



#52
Toluene
Concen: 53.113 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 92 Resp: 400943
Ion Ratio Lower Upper
92 100
91 165.3 133.7 200.5

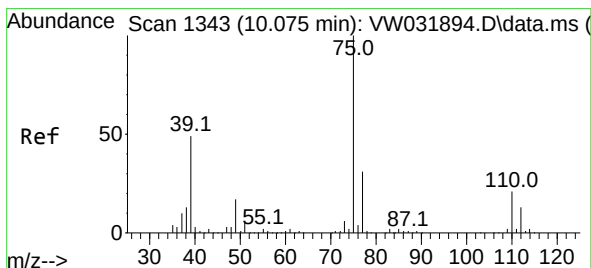
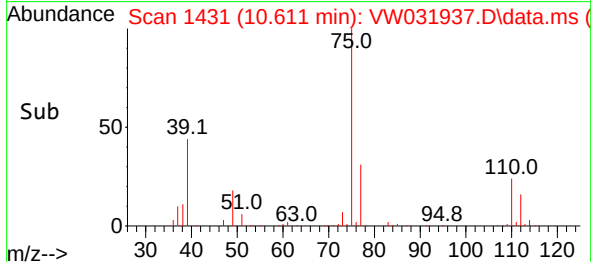
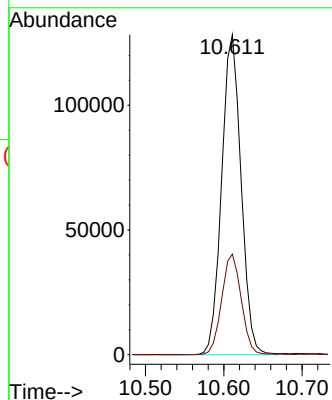
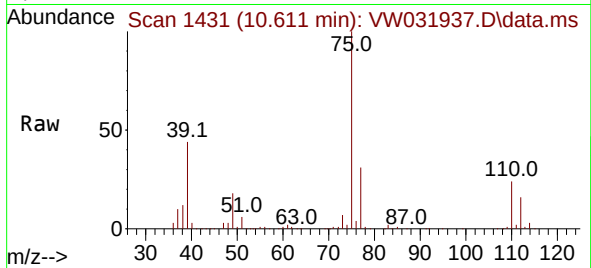




#53
t-1,3-Dichloropropene
Concen: 54.878 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

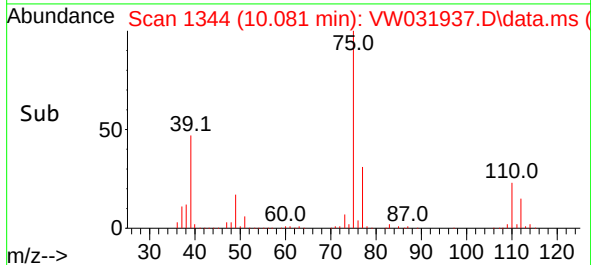
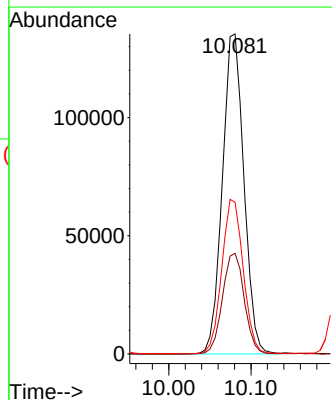
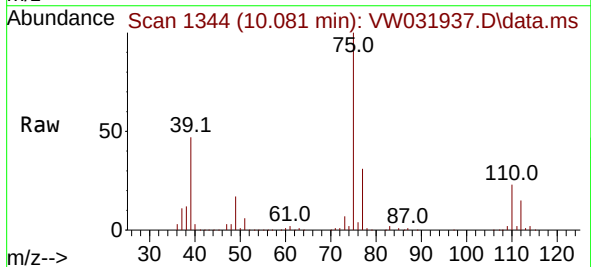
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

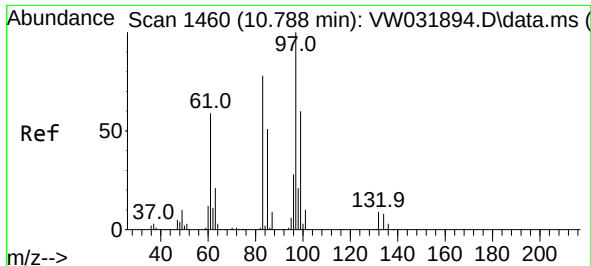
Tgt Ion: 75 Resp: 221299
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 53.430 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 75 Resp: 246053
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 47.3 39.3 58.9

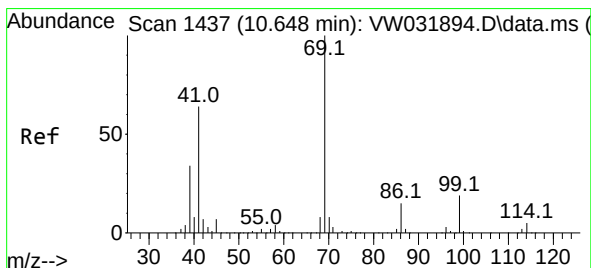
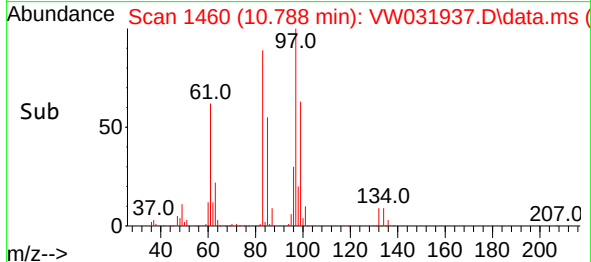
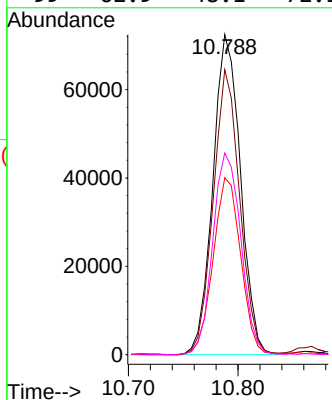
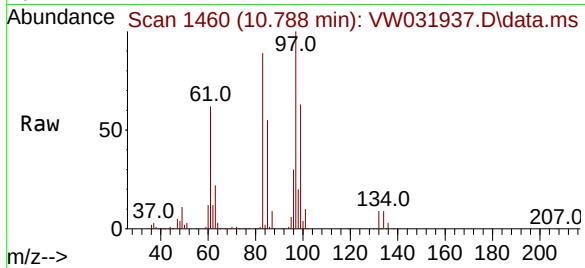




#55
1,1,2-Trichloroethane
Concen: 54.481 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

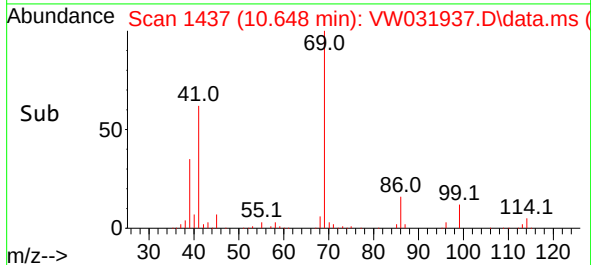
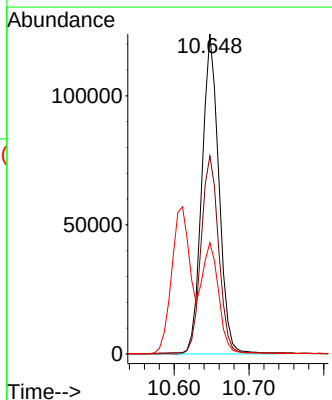
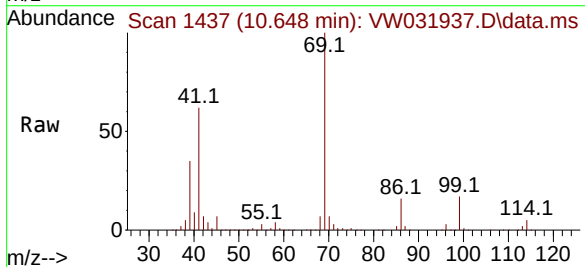
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

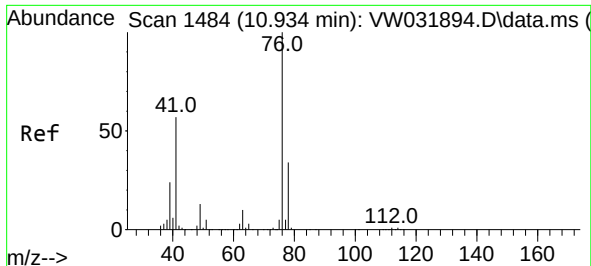
Tgt Ion:	97	Resp:	126870
Ion	Ratio	Lower	Upper
97	100		
83	89.1	62.4	93.6
85	55.3	41.0	61.6
99	62.9	48.1	72.1



#56
Ethyl methacrylate
Concen: 59.540 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:	69	Resp:	195819
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.0	78.0
39	33.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 54.545 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

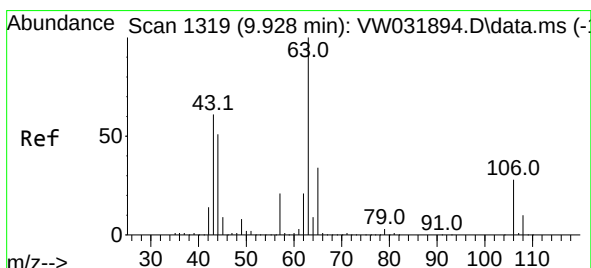
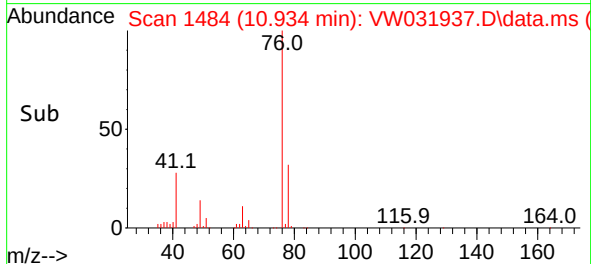
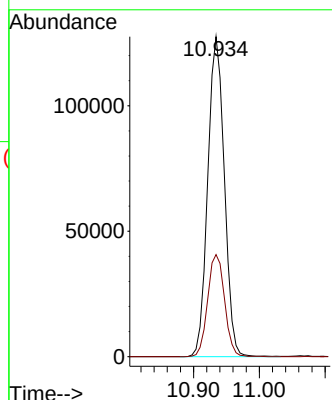
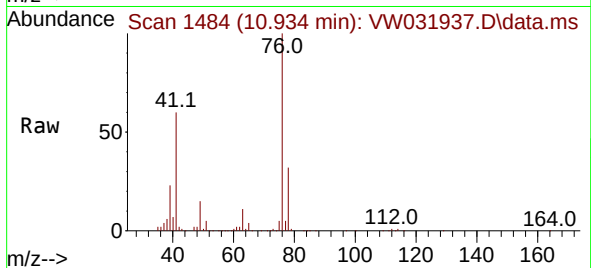
VSTDCCC050EC

Tgt Ion: 76 Resp: 223774

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 287.600 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW031937.D

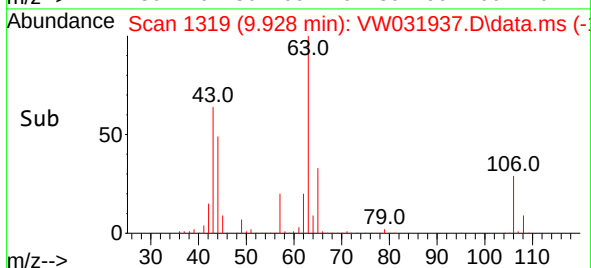
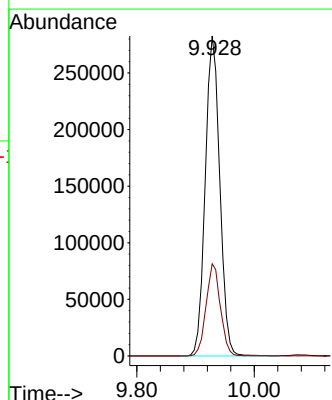
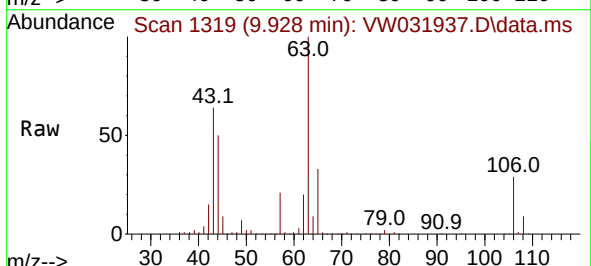
Acq: 25 Jul 2025 15:27

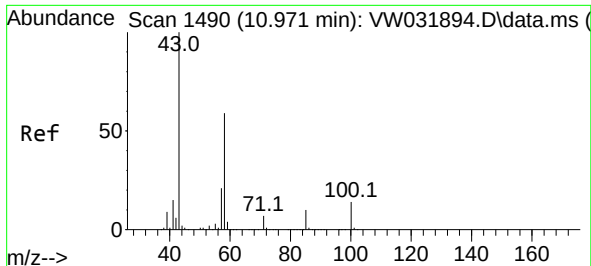
Tgt Ion: 63 Resp: 485853

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1

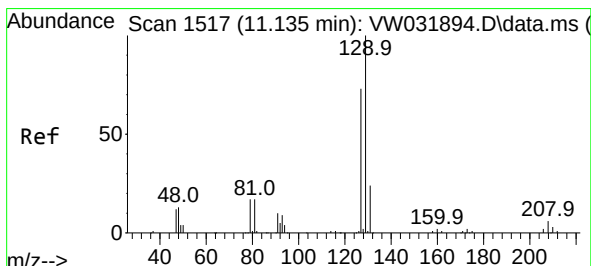
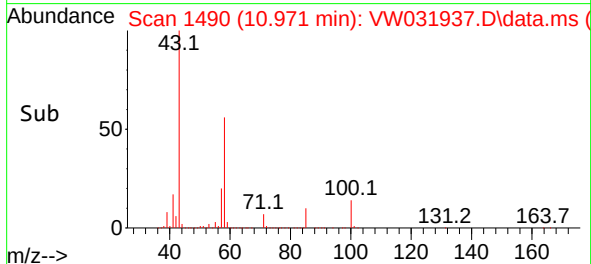
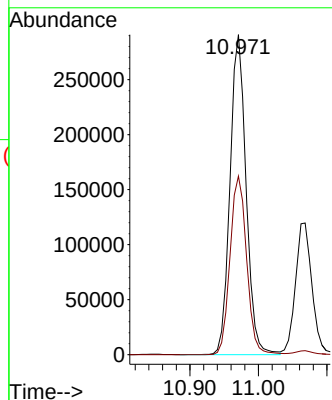
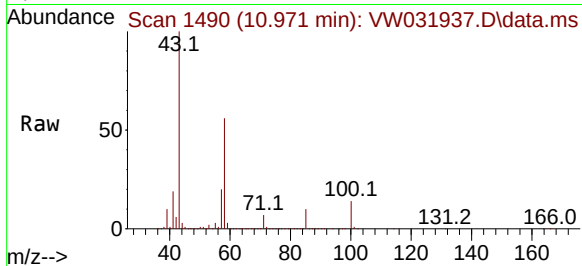




#59
2-Hexanone
Concen: 303.221 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

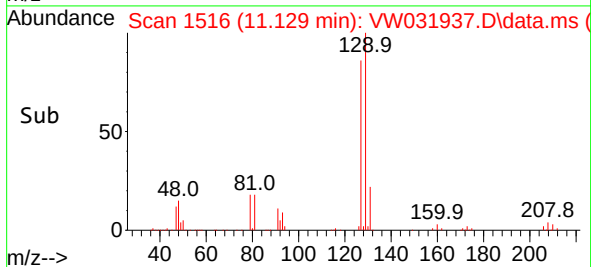
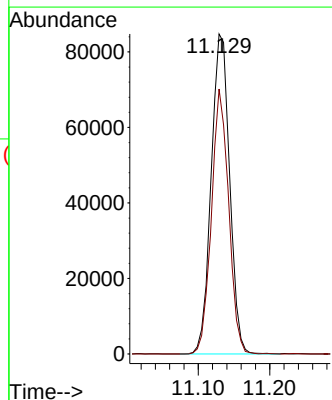
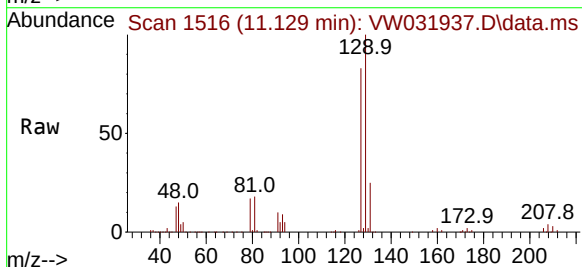
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

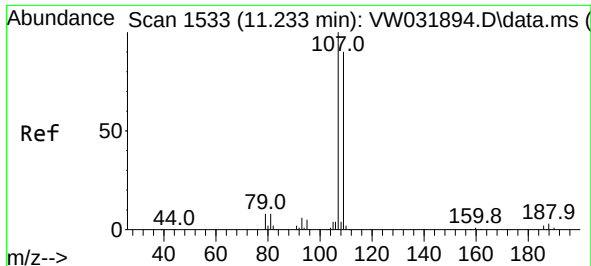
Tgt Ion: 43 Resp: 472552
Ion Ratio Lower Upper
43 100
58 57.7 28.5 85.6



#60
Dibromochloromethane
Concen: 55.925 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:129 Resp: 151842
Ion Ratio Lower Upper
129 100
127 77.3 39.6 118.8

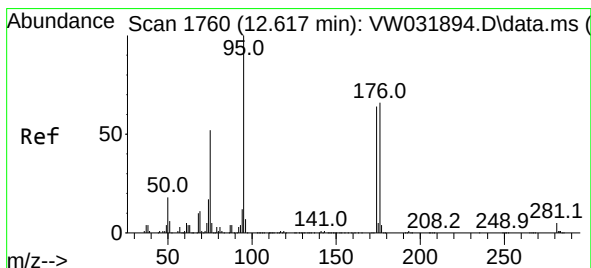
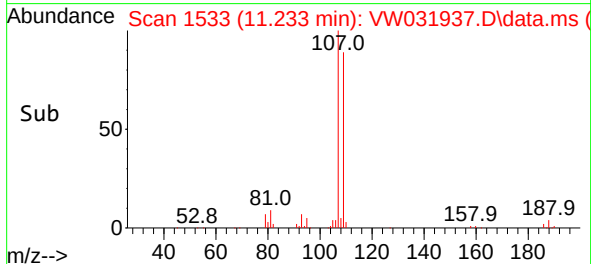
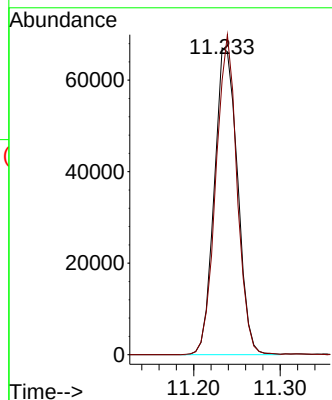
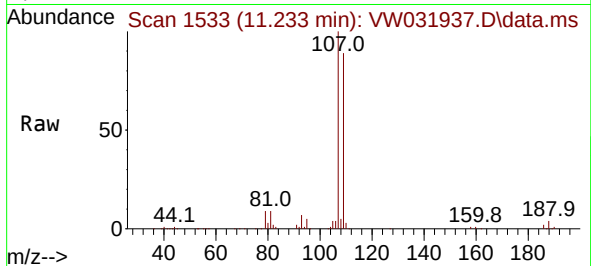




#61
1,2-Dibromoethane
Concen: 54.173 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

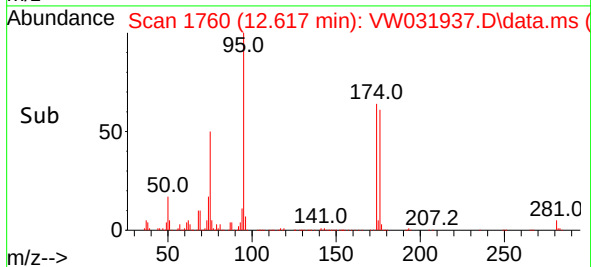
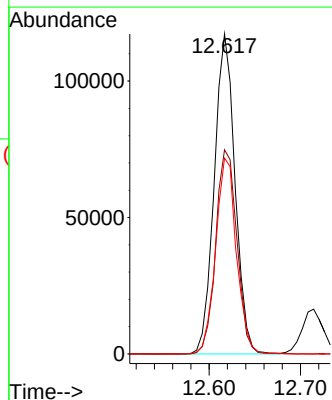
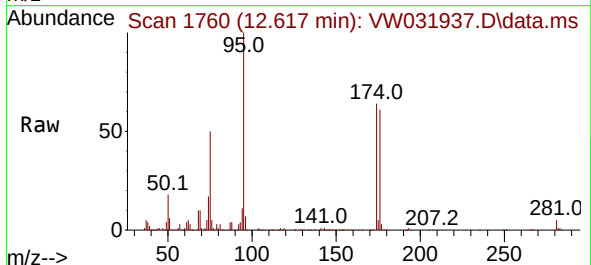
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

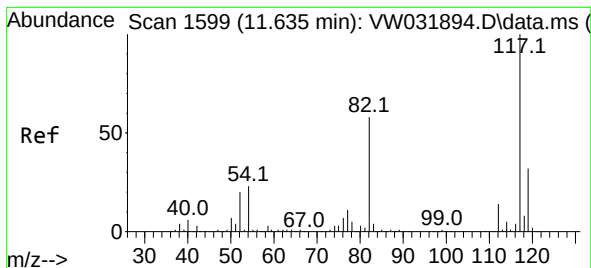
Tgt Ion:107 Resp: 124656
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.364 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 95 Resp: 185311
Ion Ratio Lower Upper
95 100
174 65.1 0.0 129.8
176 61.3 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

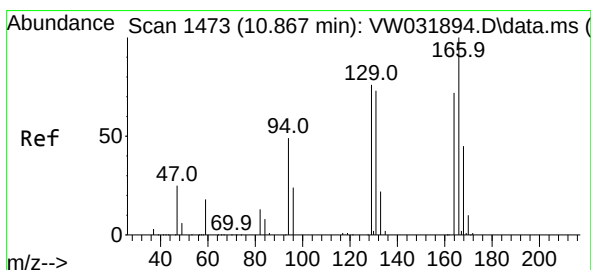
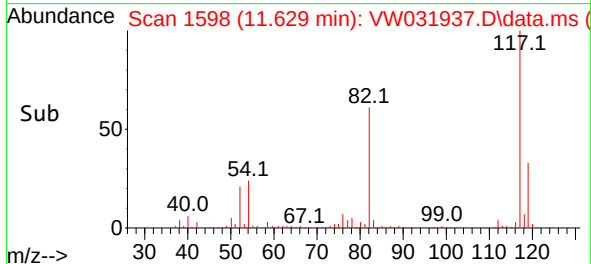
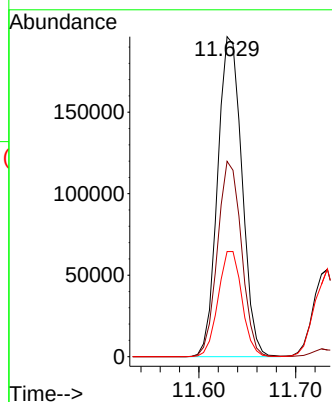
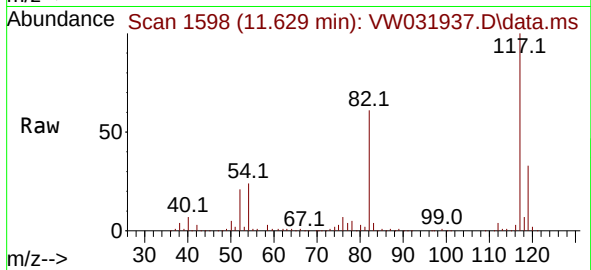
Tgt Ion:117 Resp: 342929

Ion Ratio Lower Upper

117 100

82 61.0 46.5 69.7

119 32.8 25.8 38.6



#64

Tetrachloroethene

Concen: 50.191 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Tgt Ion:164 Resp: 113481

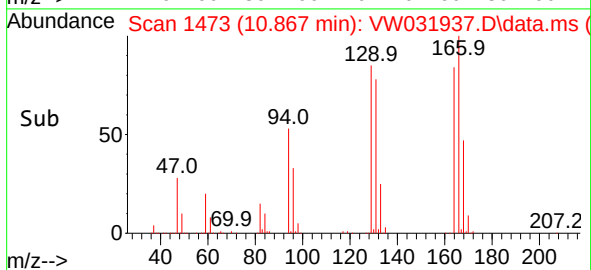
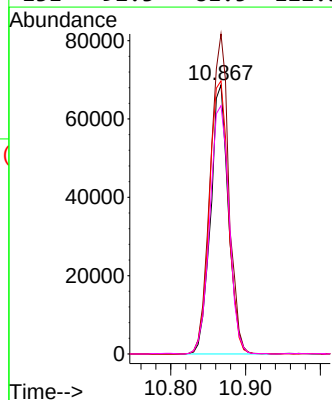
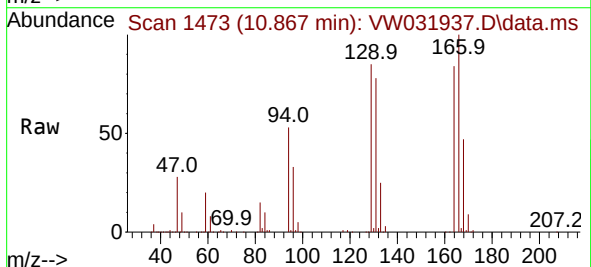
Ion Ratio Lower Upper

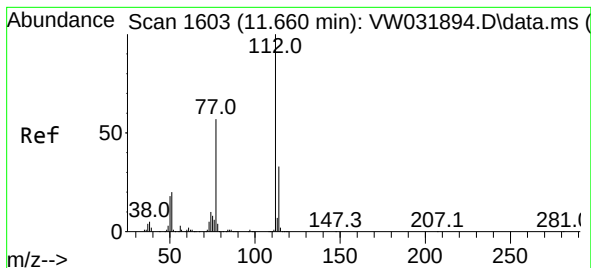
164 100

166 119.0 111.5 167.3

129 101.5 85.1 127.7

131 92.3 81.5 122.3





#65

Chlorobenzene

Concen: 50.850 ug/l

RT: 11.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

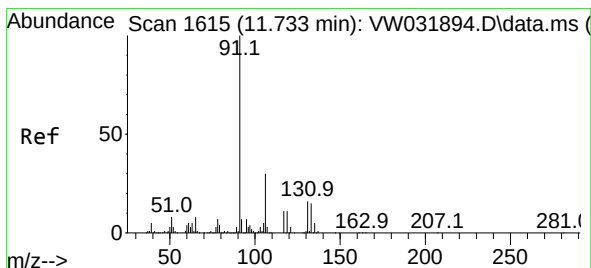
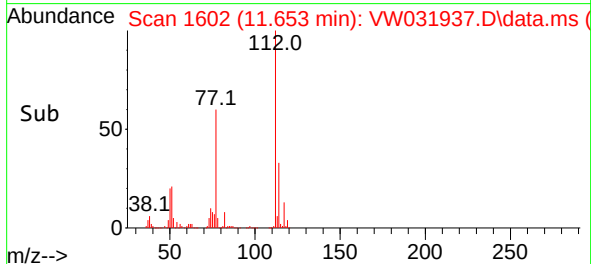
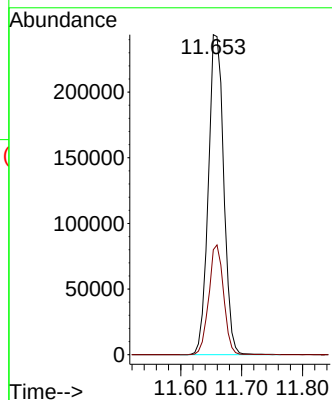
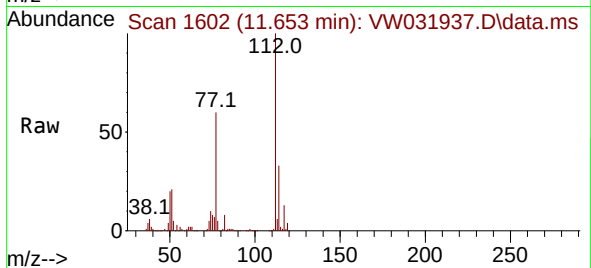
VSTDCCC050EC

Tgt Ion:112 Resp: 426782

Ion Ratio Lower Upper

112 100

114 32.8 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.880 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

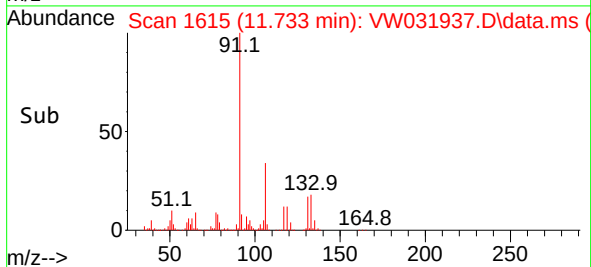
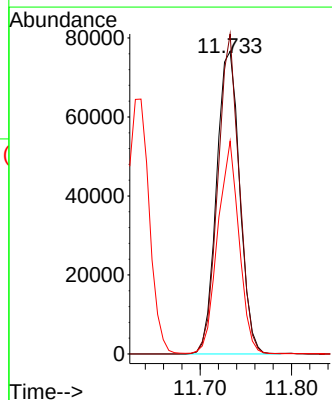
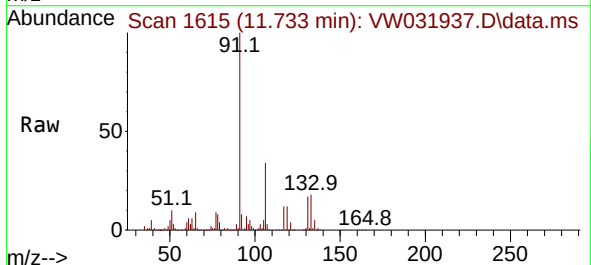
Tgt Ion:131 Resp: 134987

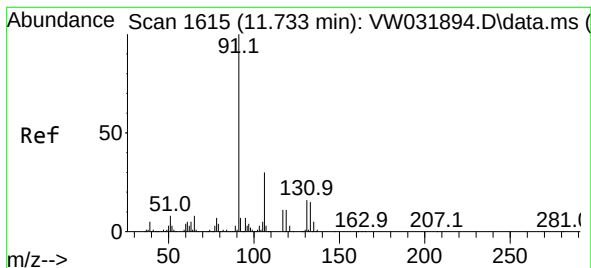
Ion Ratio Lower Upper

131 100

133 97.1 48.1 144.4

119 64.5 33.7 101.1





#67

Ethyl Benzene

Concen: 51.175 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

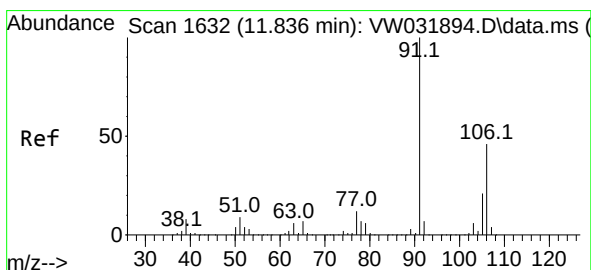
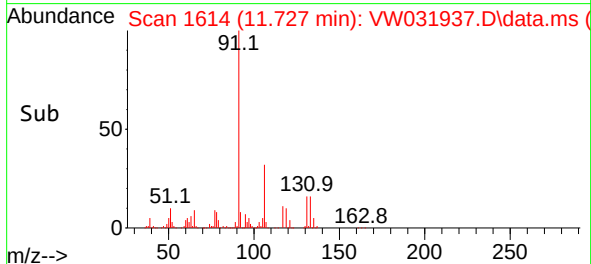
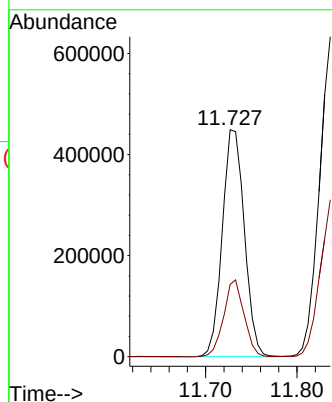
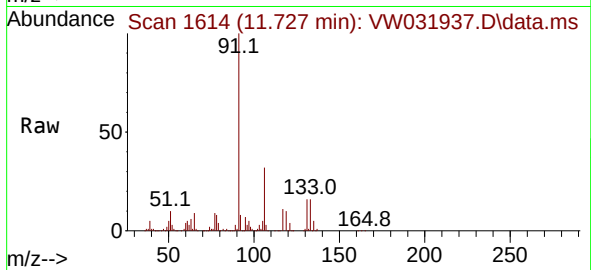
VSTDCCC050EC

Tgt Ion: 91 Resp: 754645

Ion Ratio Lower Upper

91 100

106 31.8 23.8 35.6



#68

m/p-Xylenes

Concen: 104.533 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031937.D

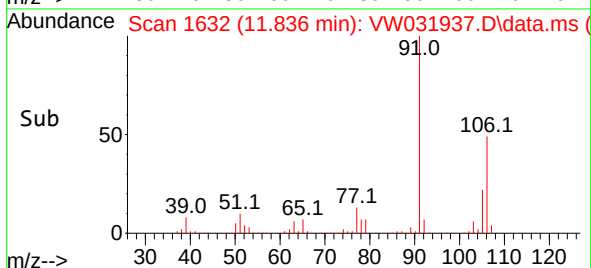
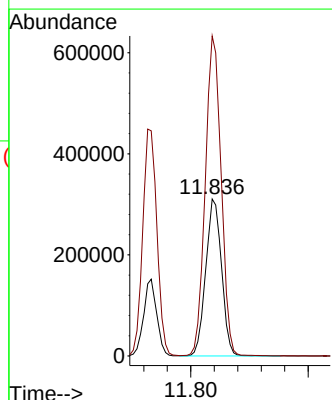
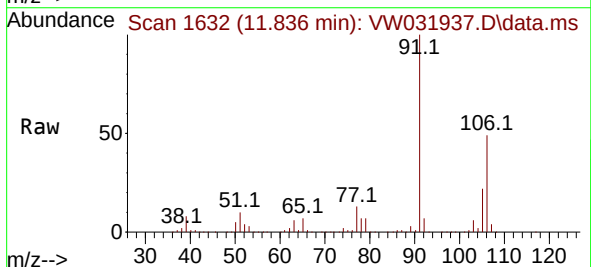
Acq: 25 Jul 2025 15:27

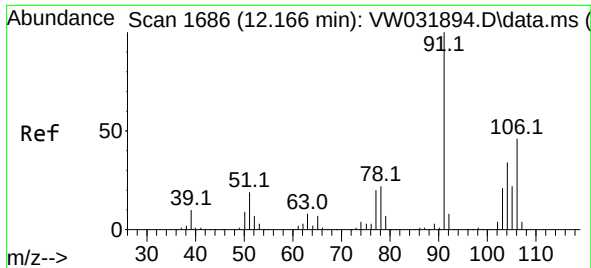
Tgt Ion:106 Resp: 580304

Ion Ratio Lower Upper

106 100

91 205.1 167.7 251.5

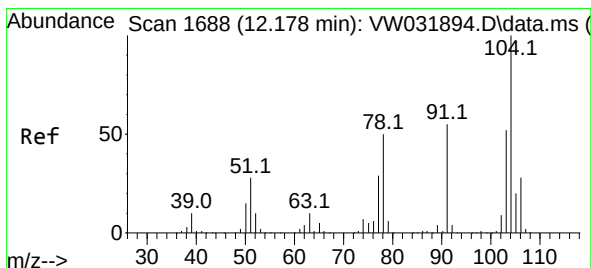
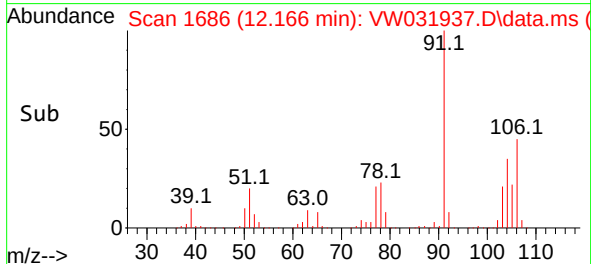
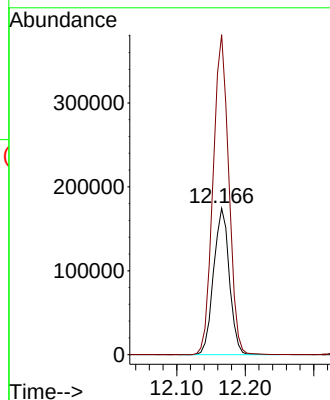
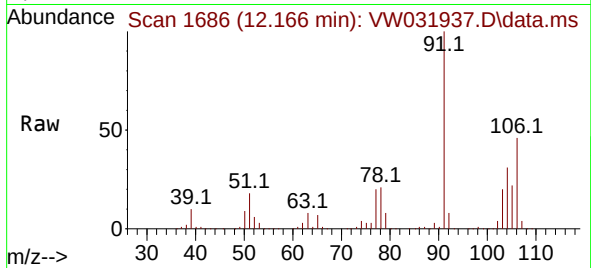




#69
o-Xylene
Concen: 52.887 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

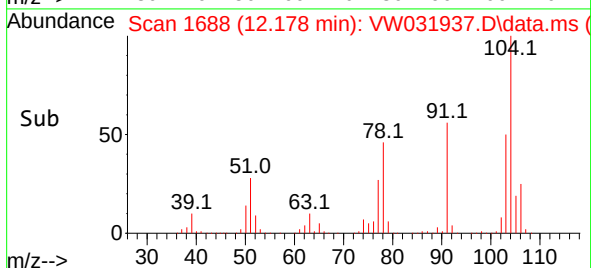
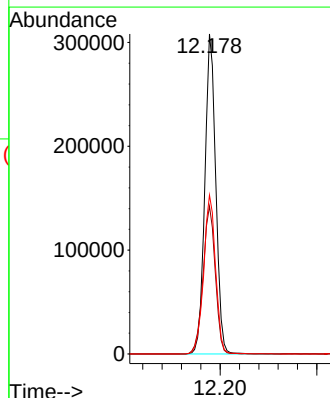
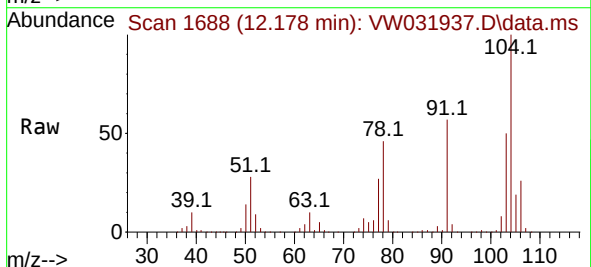
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

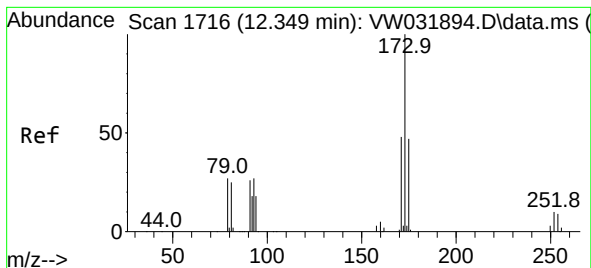
Tgt Ion:106 Resp: 277851
Ion Ratio Lower Upper
106 100
91 218.7 108.2 324.6



#70
Styrene
Concen: 54.206 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:104 Resp: 484866
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.4
103 54.1 42.8 64.2





#71

Bromoform

Concen: 56.290 ug/l

RT: 12.348 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

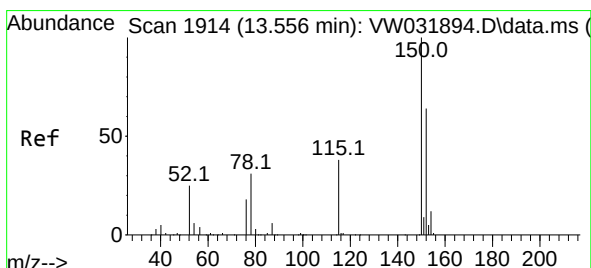
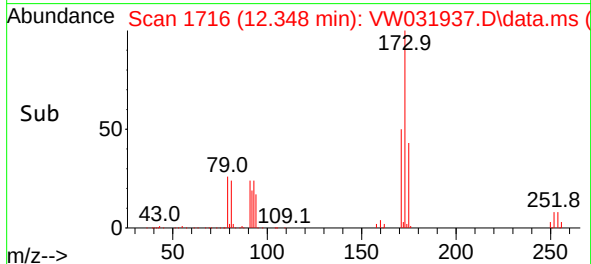
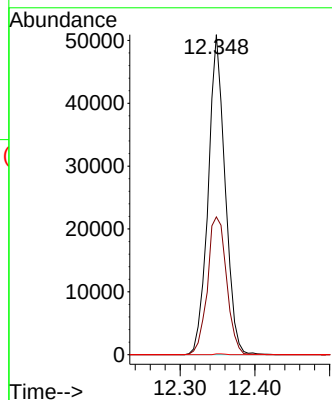
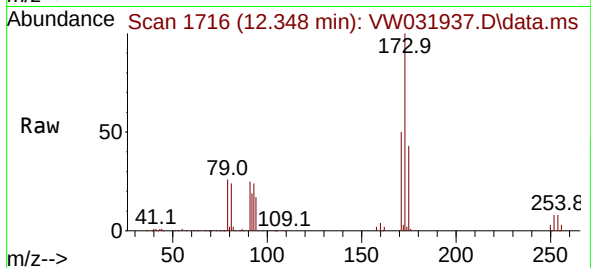
Tgt Ion:173 Resp: 80101

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

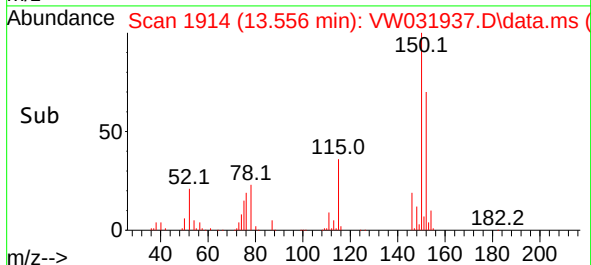
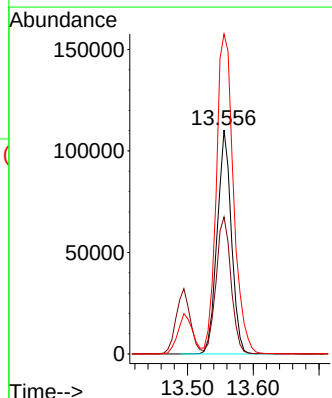
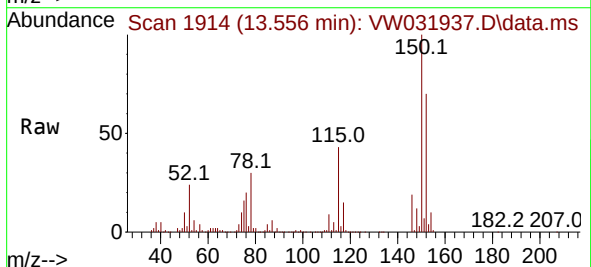
Tgt Ion:152 Resp: 165916

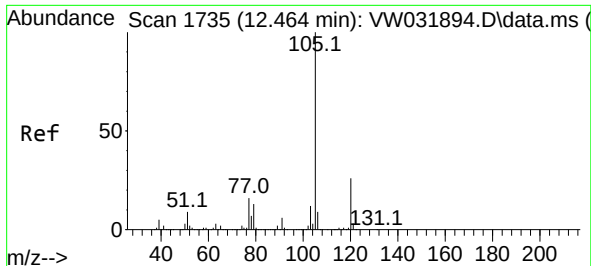
Ion Ratio Lower Upper

152 100

115 63.9 33.4 100.1

150 172.7 0.0 352.2

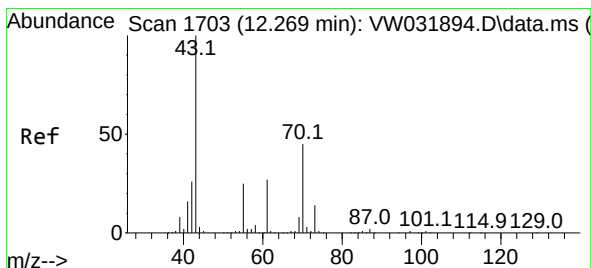
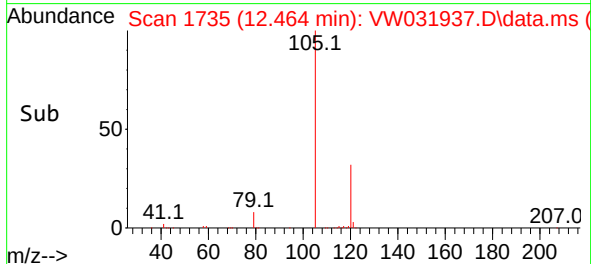
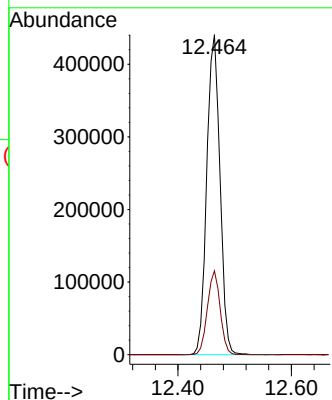
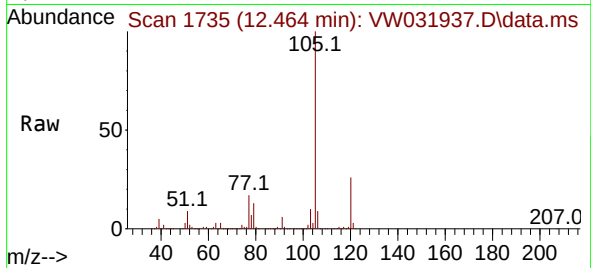




#73
Isopropylbenzene
Concen: 49.439 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

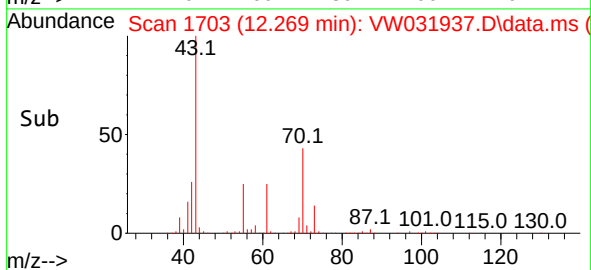
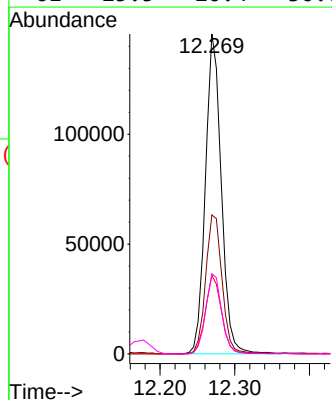
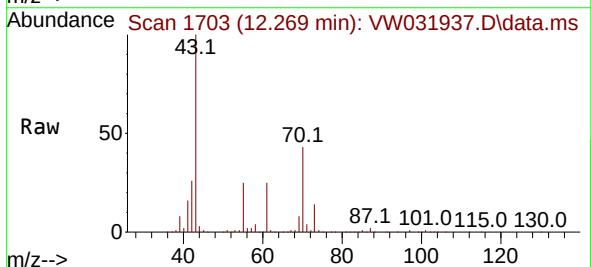
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

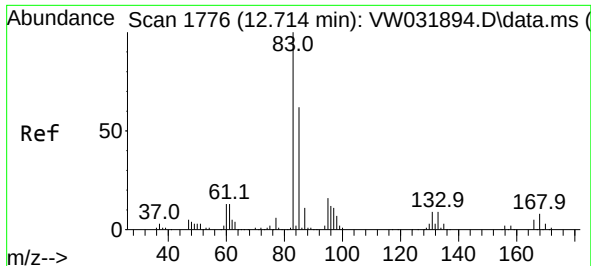
Tgt Ion:105 Resp: 711714
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8



#74
N-ethyl acetate
Concen: 55.270 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 43 Resp: 215103
Ion Ratio Lower Upper
43 100
70 45.4 36.6 55.0
55 25.3 20.7 31.1
61 25.5 20.4 30.6

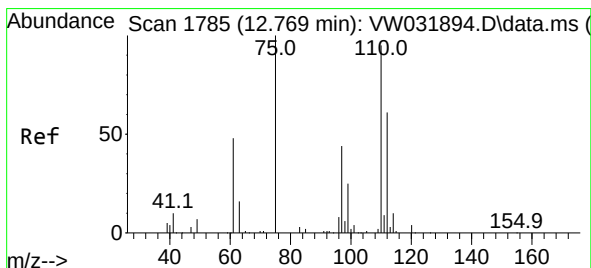
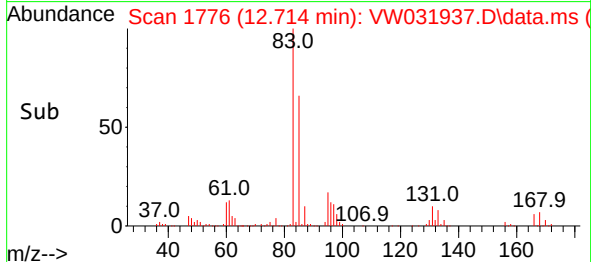
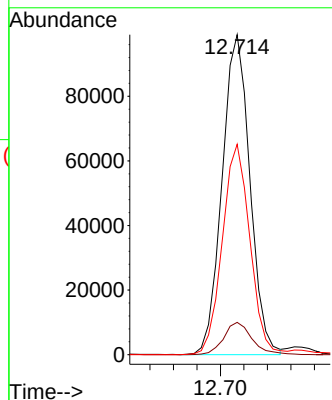
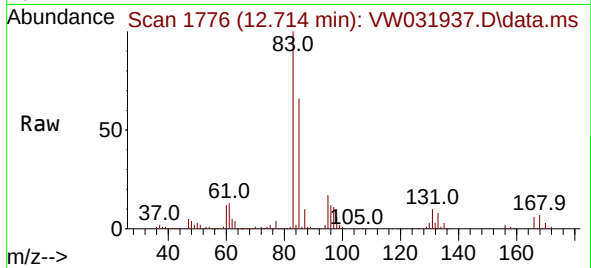




#75
1,1,2,2-Tetrachloroethane
Concen: 53.358 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

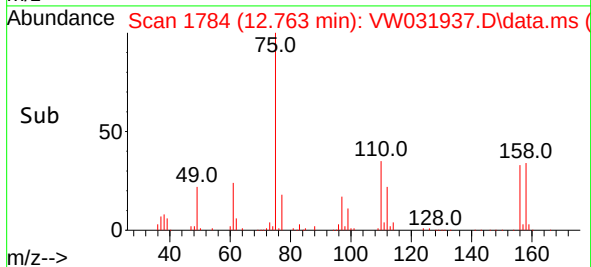
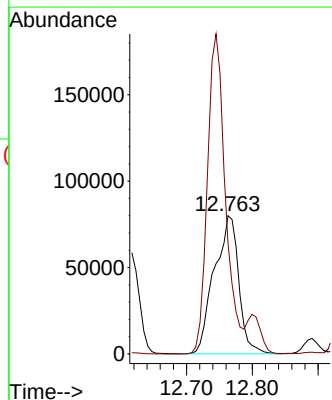
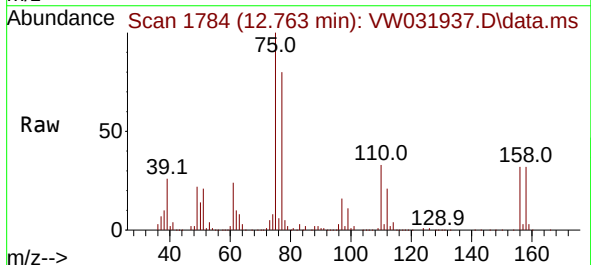
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

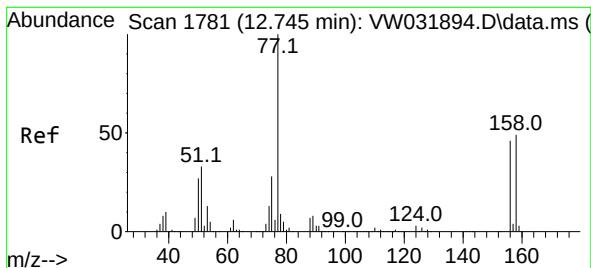
Tgt Ion: 83 Resp: 163048
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 65.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 90.249 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 75 Resp: 206736
Ion Ratio Lower Upper
75 100
77 171.8 0.0 0.0#





#77

Bromobenzene

Concen: 50.953 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

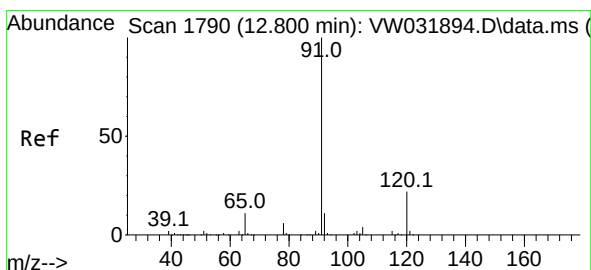
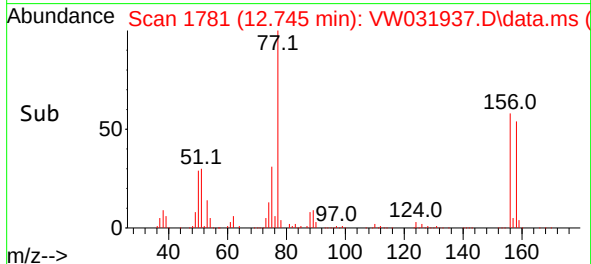
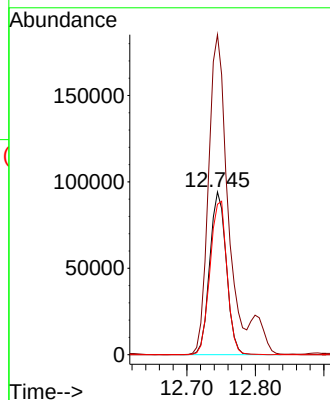
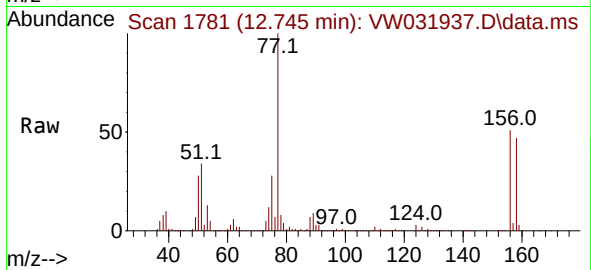
Tgt Ion:156 Resp: 158708

Ion Ratio Lower Upper

156 100

77 223.8 115.3 345.8

158 96.3 50.1 150.3



#78

n-propylbenzene

Concen: 49.536 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW031937.D

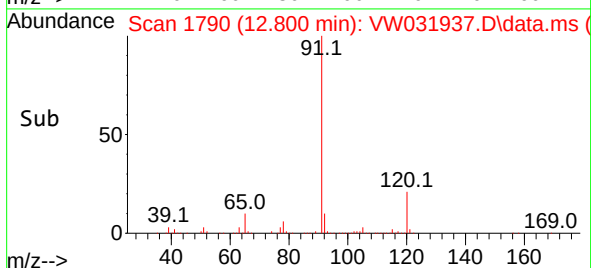
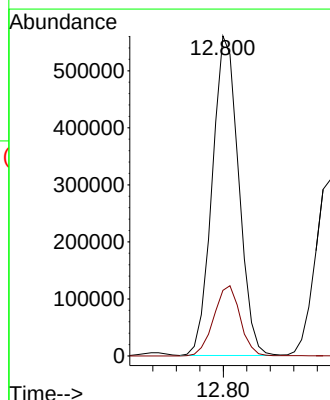
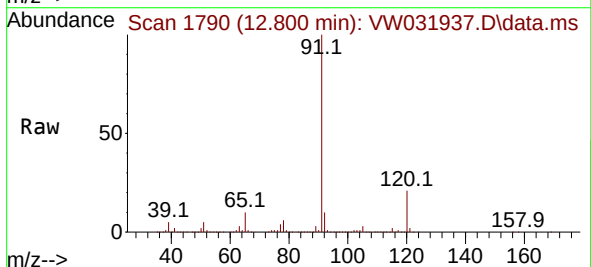
Acq: 25 Jul 2025 15:27

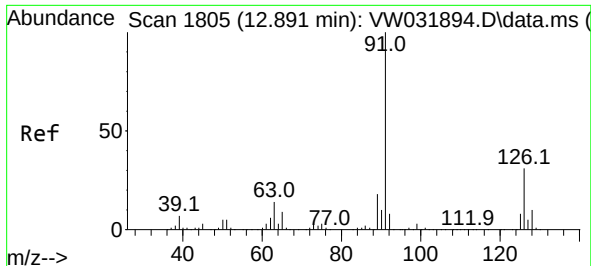
Tgt Ion: 91 Resp: 875844

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.6

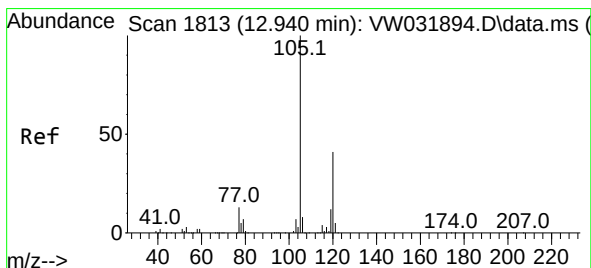
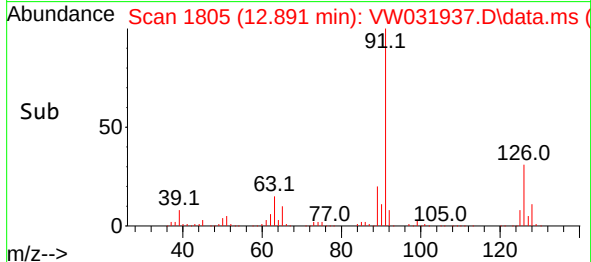
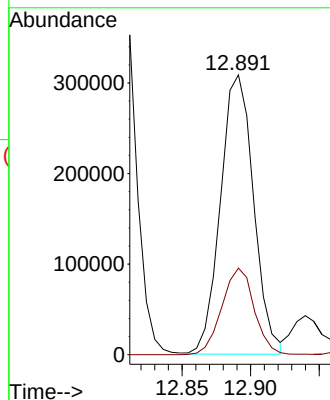
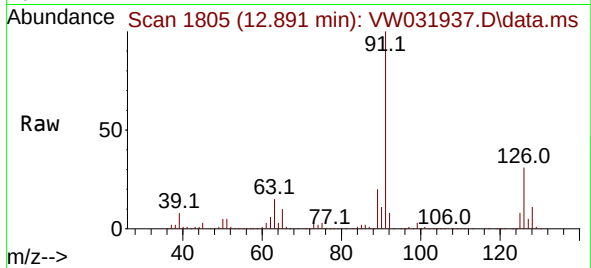




#79
2-Chlorotoluene
Concen: 49.098 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

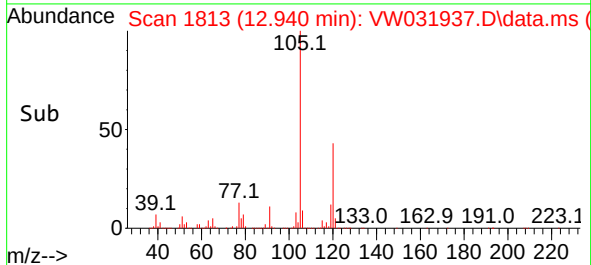
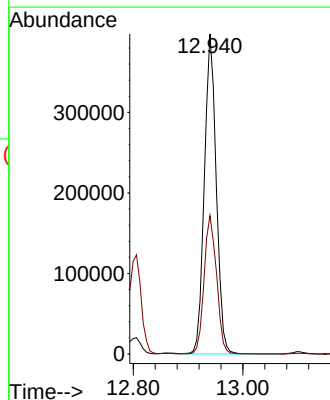
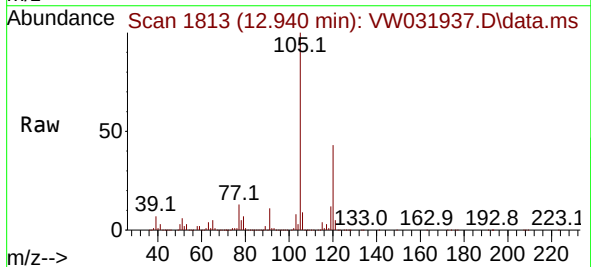
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

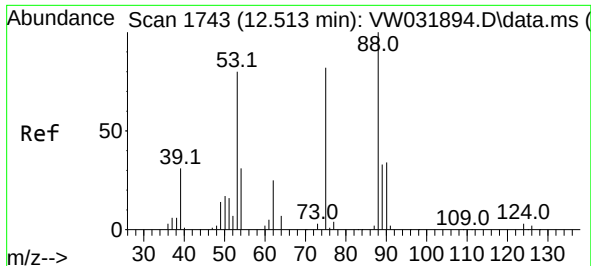
Tgt Ion: 91 Resp: 518305
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 49.407 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 105 Resp: 596519
Ion Ratio Lower Upper
105 100
120 45.2 23.5 70.5

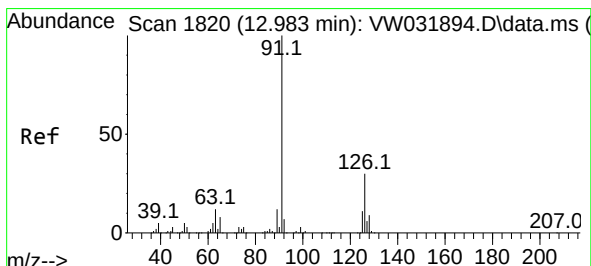
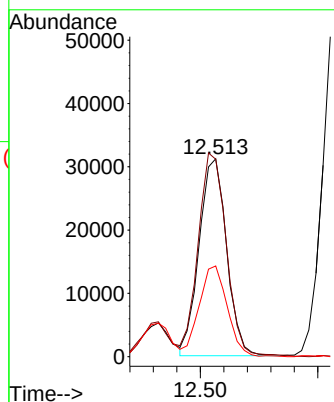
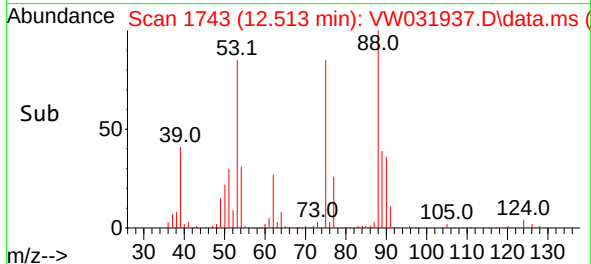
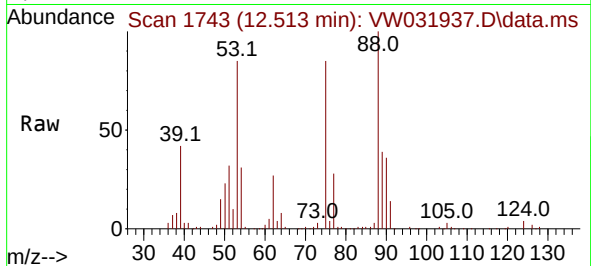




#81
trans-1,4-Dichloro-2-butene
Concen: 51.034 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

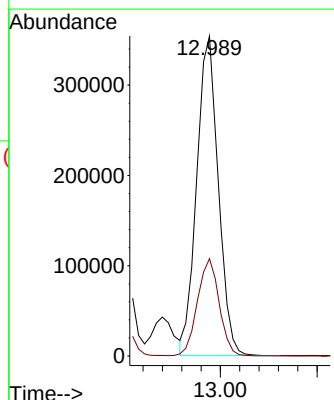
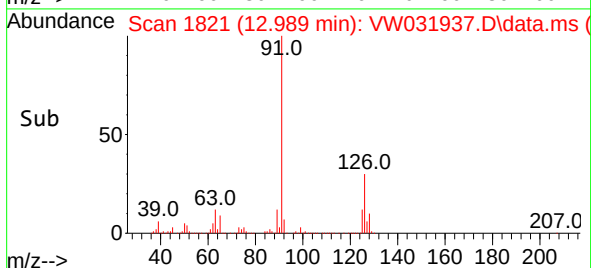
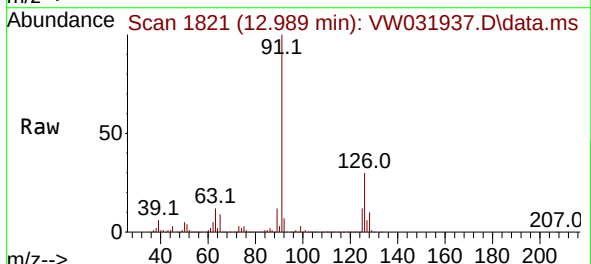
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

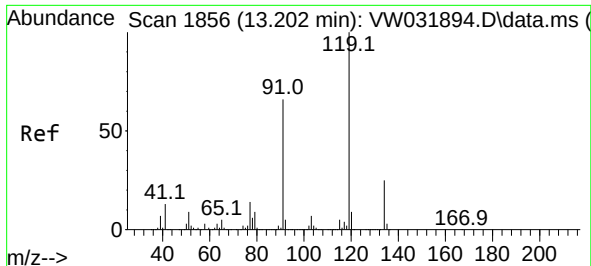
Tgt Ion: 75 Resp: 50636
Ion Ratio Lower Upper
75 100
53 106.0 83.7 125.5
89 47.3 39.0 58.6



#82
4-Chlorotoluene
Concen: 49.637 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion: 91 Resp: 549721
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.3

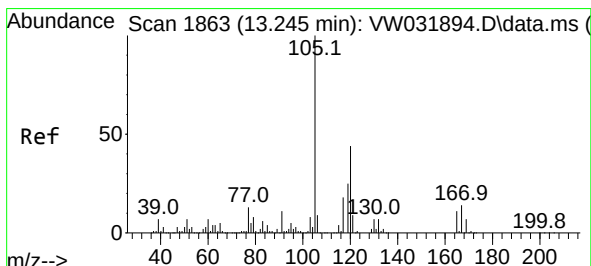
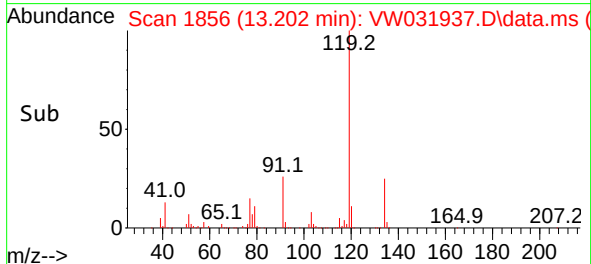
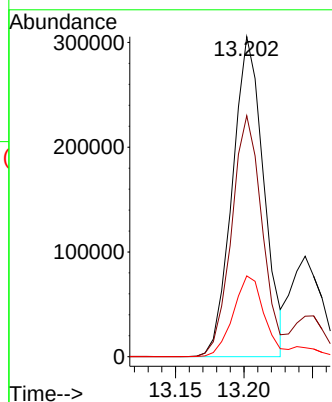
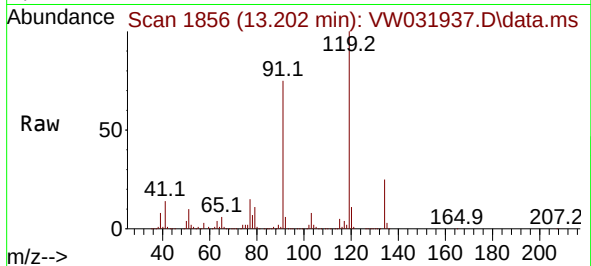




#83
tert-Butylbenzene
Concen: 47.304 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

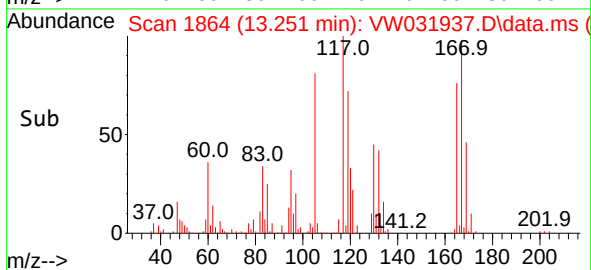
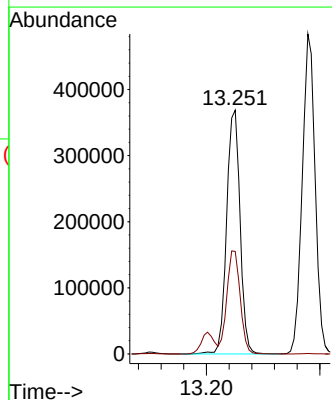
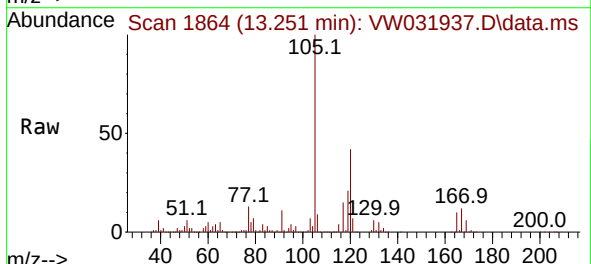
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

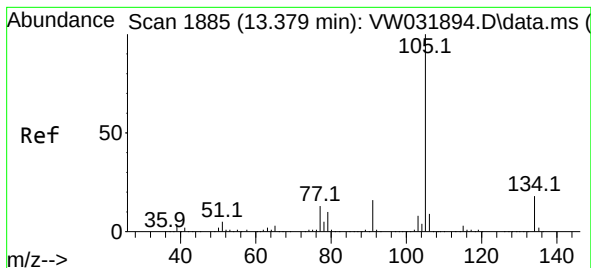
Tgt Ion:119 Resp: 486488
Ion Ratio Lower Upper
119 100
91 74.7 35.5 106.5
134 25.2 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 49.434 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:105 Resp: 604108
Ion Ratio Lower Upper
105 100
120 42.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 49.343 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

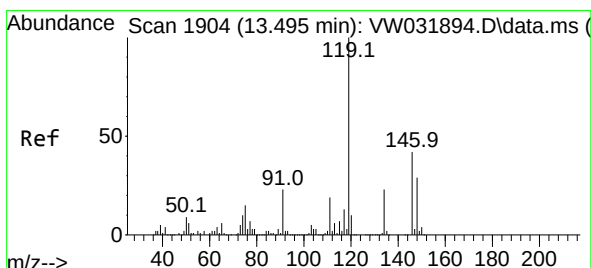
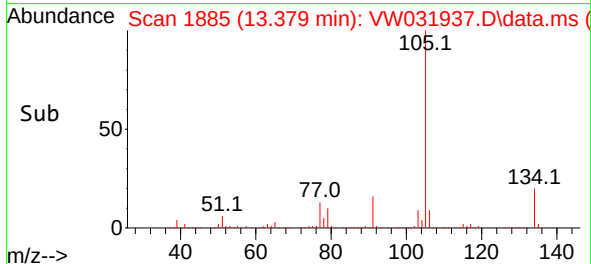
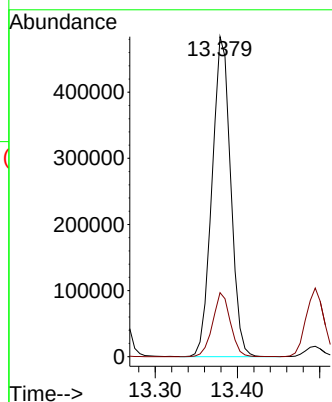
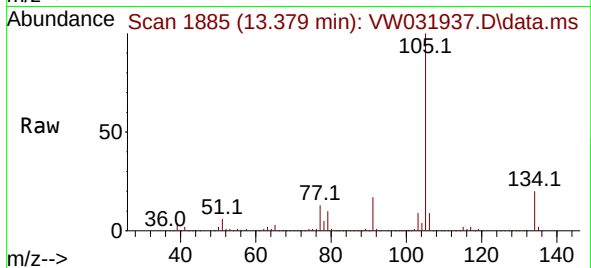
VSTDCCC050EC

Tgt Ion:105 Resp: 762079

Ion Ratio Lower Upper

105 100

134 19.0 9.2 27.6



#86

p-Isopropyltoluene

Concen: 50.763 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

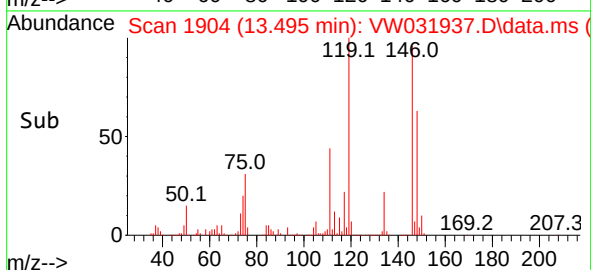
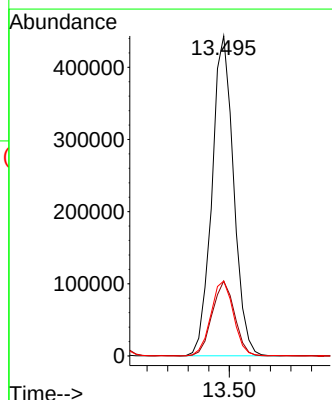
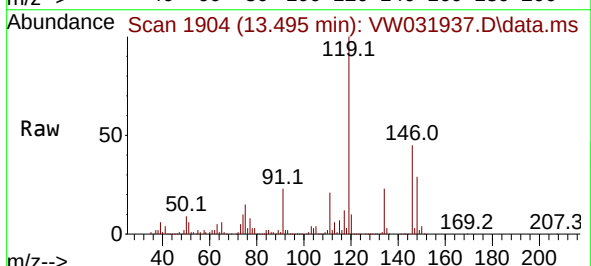
Tgt Ion:119 Resp: 648022

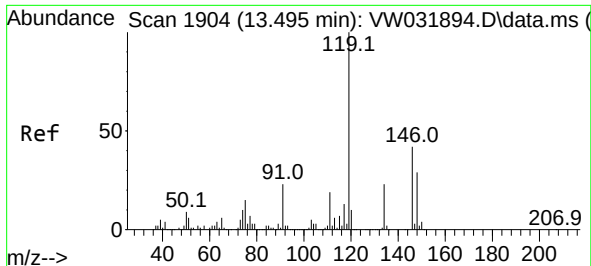
Ion Ratio Lower Upper

119 100

134 24.2 13.0 39.0

91 24.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 48.564 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

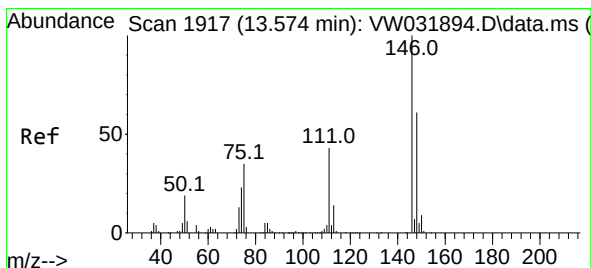
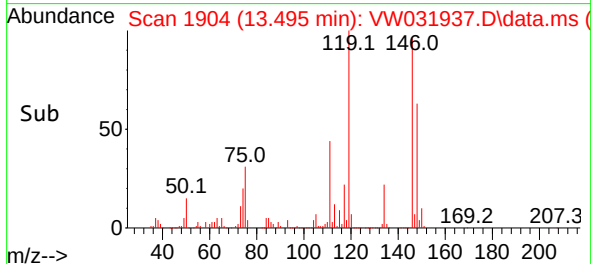
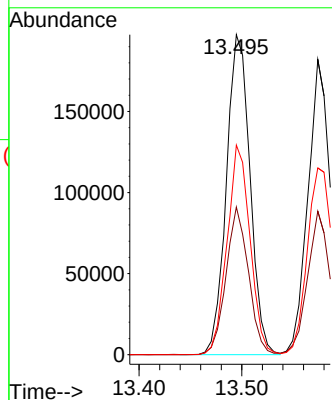
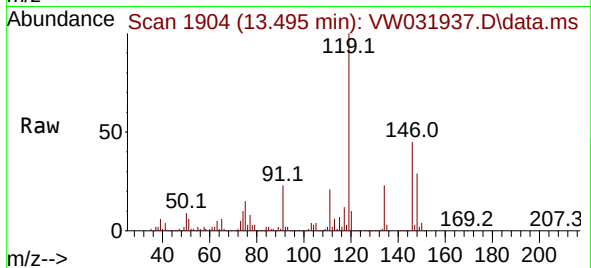
Tgt Ion:146 Resp: 314879

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.7

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 44.854 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

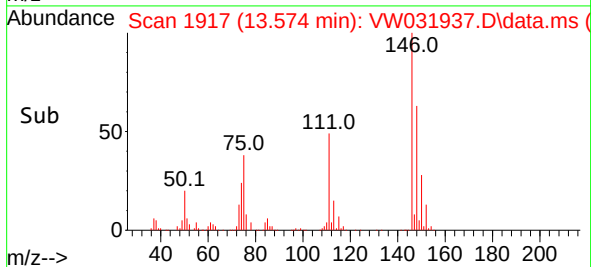
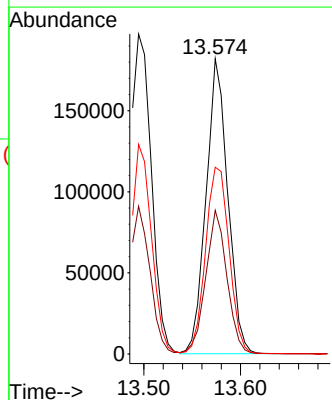
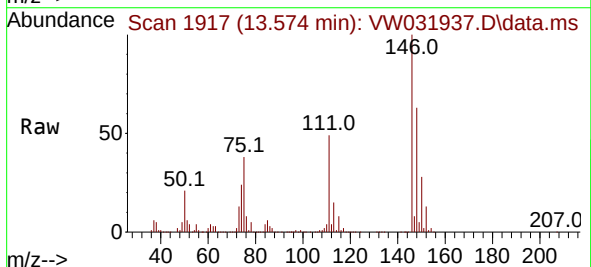
Tgt Ion:146 Resp: 284896

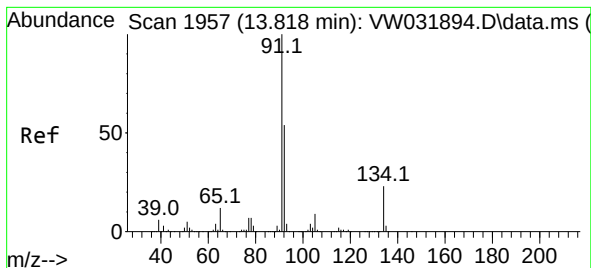
Ion Ratio Lower Upper

146 100

111 47.5 22.1 66.3

148 68.5 31.8 95.3





#89

n-Butylbenzene

Concen: 49.291 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

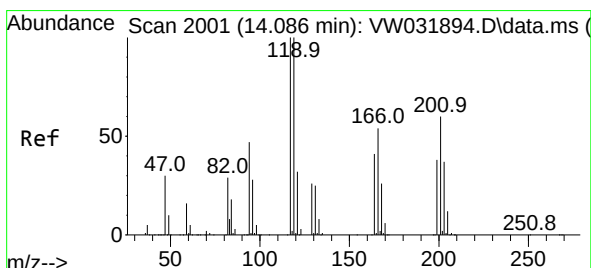
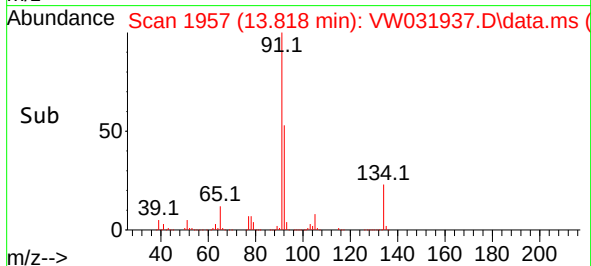
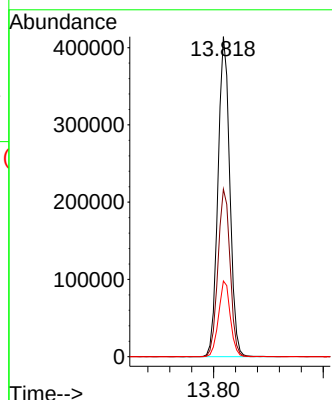
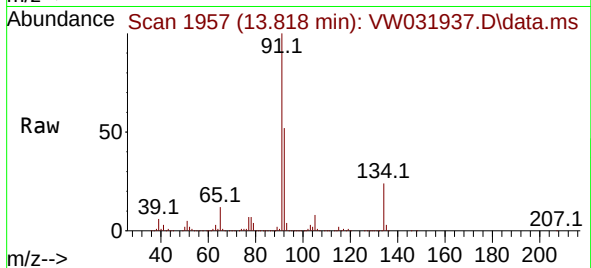
Tgt Ion: 91 Resp: 617264

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.5

134 23.6 11.6 34.7



#90

Hexachloroethane

Concen: 49.193 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031937.D

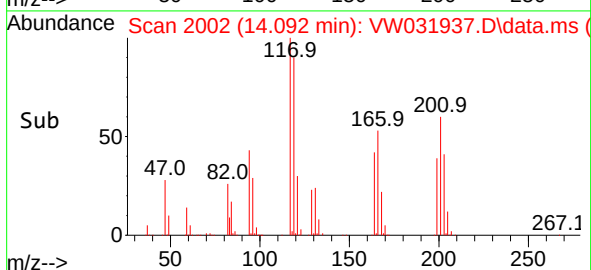
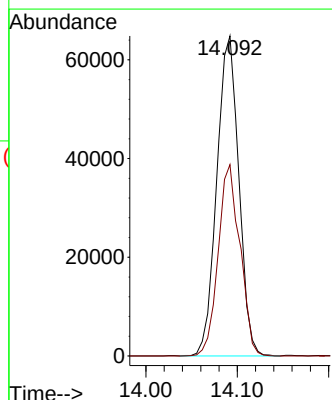
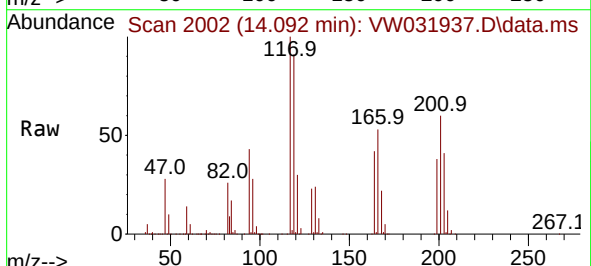
Acq: 25 Jul 2025 15:27

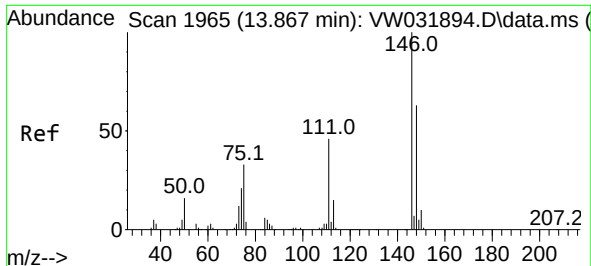
Tgt Ion: 117 Resp: 108589

Ion Ratio Lower Upper

117 100

201 59.3 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 49.559 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

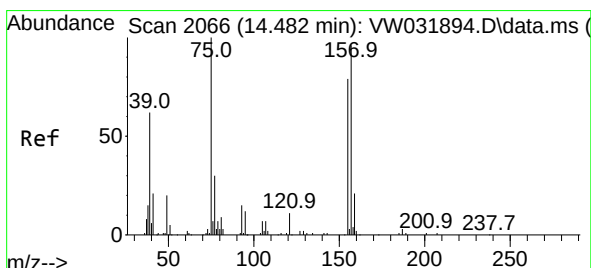
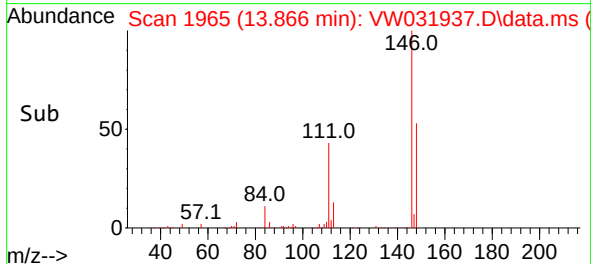
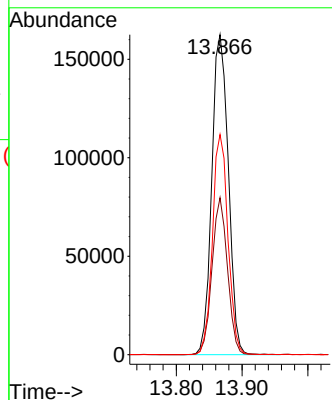
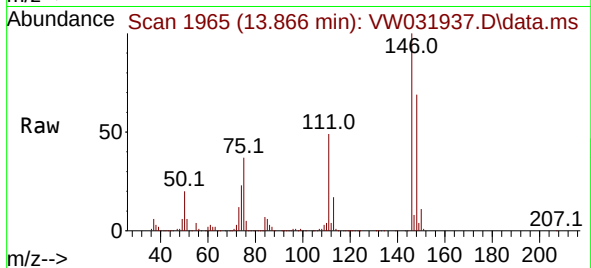
Tgt Ion:146 Resp: 284776

Ion Ratio Lower Upper

146 100

111 46.0 23.6 71.0

148 64.6 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.914 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

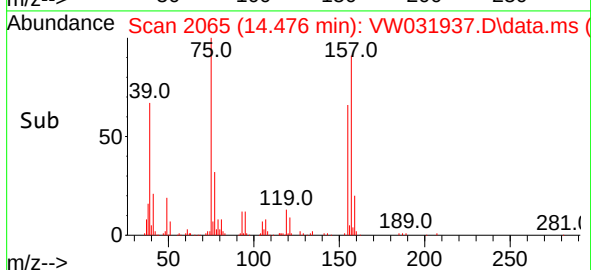
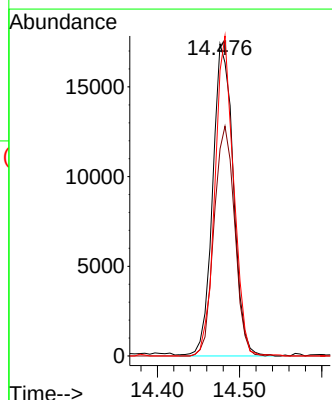
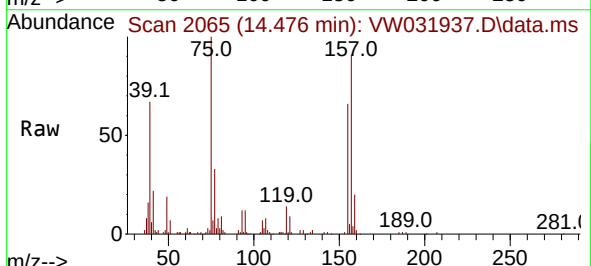
Tgt Ion: 75 Resp: 30316

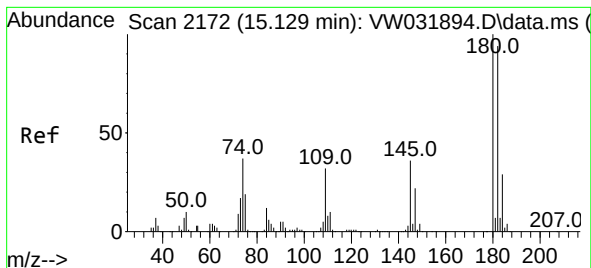
Ion Ratio Lower Upper

75 100

155 73.4 35.9 107.7

157 93.1 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 48.835 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

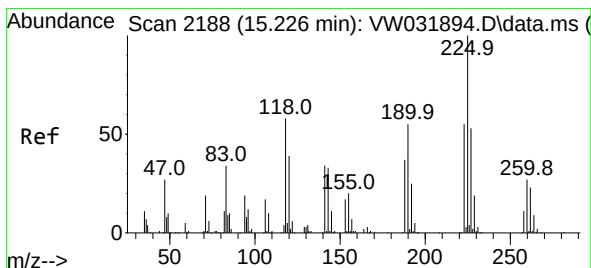
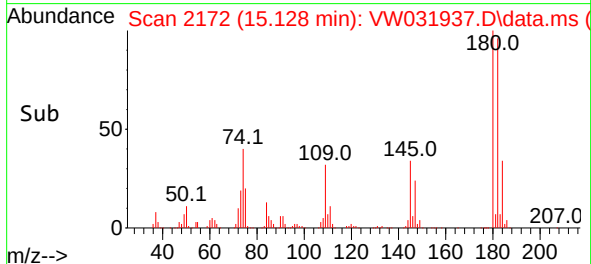
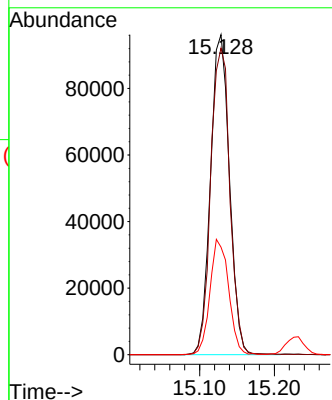
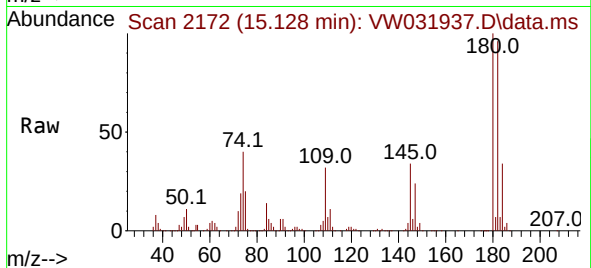
Tgt Ion:180 Resp: 169233

Ion Ratio Lower Upper

180 100

182 97.1 51.0 153.1

145 35.6 18.4 55.4



#94

Hexachlorobutadiene

Concen: 47.270 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031937.D

Acq: 25 Jul 2025 15:27

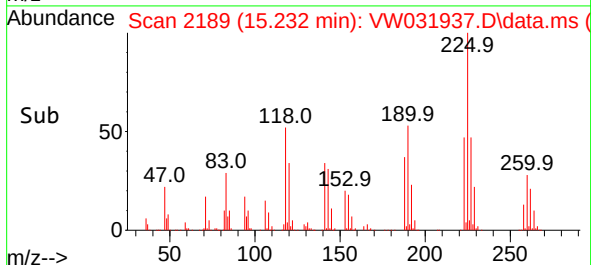
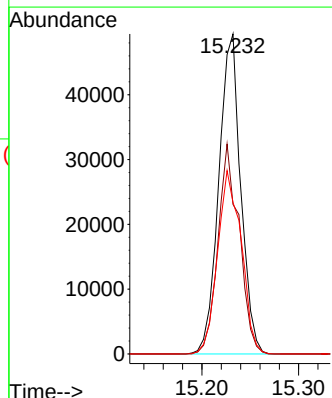
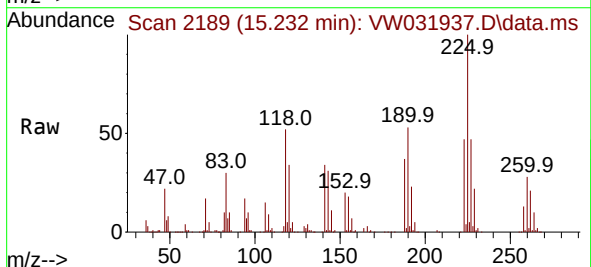
Tgt Ion:225 Resp: 77621

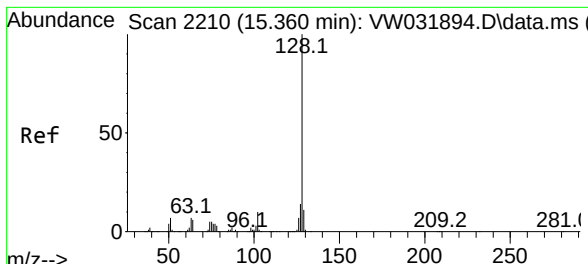
Ion Ratio Lower Upper

225 100

223 63.5 30.9 92.7

227 61.9 30.0 90.1

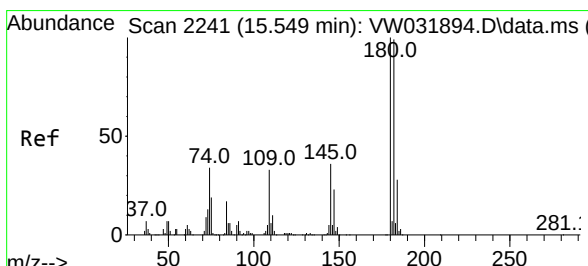
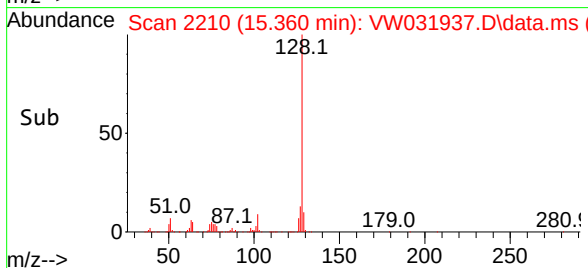
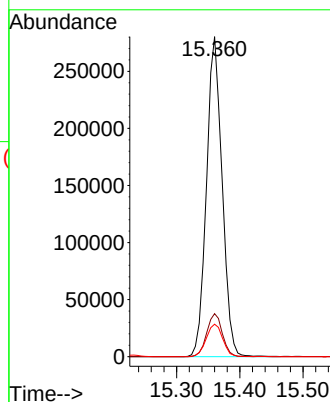
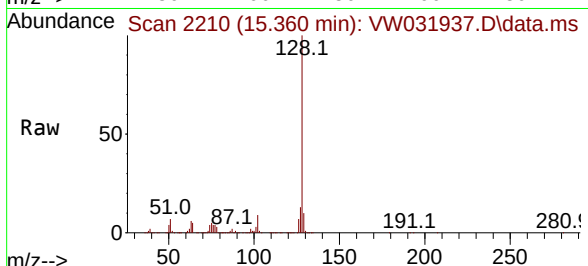




#95
Naphthalene
Concen: 56.709 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 483143
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 50.631 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031937.D
Acq: 25 Jul 2025 15:27

Tgt Ion:180 Resp: 158971
Ion Ratio Lower Upper
180 100
182 97.6 50.4 151.2
145 37.7 18.6 55.8

