

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031900.D
 Acq On : 23 Jul 2025 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 24 02:46:22 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	7.959	168	228509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	409489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	362940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	168882	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	156054	45.145	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	90.280%
35) Dibromofluoromethane	7.898	113	129449	46.522	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.040%
50) Toluene-d8	10.325	98	495451	47.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.617	95	184279	45.572	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	91.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	83772	49.326	ug/l	95
3) Chloromethane	2.259	50	107511	49.321	ug/l	98
4) Vinyl Chloride	2.405	62	139384	49.224	ug/l	99
5) Bromomethane	2.826	94	100829	48.356	ug/l	97
6) Chloroethane	2.972	64	89851	48.078	ug/l	96
7) Trichlorofluoromethane	3.314	101	139183	48.530	ug/l	97
8) Diethyl Ether	3.722	74	89646	46.793	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.112	101	130997	47.486	ug/l	98
10) Methyl Iodide	4.301	142	201060	48.747	ug/l	100
11) Tert butyl alcohol	5.222	59	47862	235.550	ug/l	100
12) 1,1-Dichloroethene	4.082	96	147199	48.310	ug/l	97
13) Acrolein	3.929	56	65329	238.148	ug/l	99
14) Allyl chloride	4.704	41	235746	49.701	ug/l	99
15) Acrylonitrile	5.405	53	207266	241.988	ug/l	99
16) Acetone	4.167	43	215684	262.941	ug/l	99
17) Carbon Disulfide	4.417	76	389152	49.246	ug/l	98
18) Methyl Acetate	4.710	43	112564	49.809	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	263516	50.054	ug/l	97
20) Methylene Chloride	4.954	84	172003	48.929	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	153598	47.512	ug/l	98
22) Diisopropyl ether	6.337	45	469027	49.417	ug/l	97
23) Vinyl Acetate	6.283	43	1526354	246.157	ug/l	98
24) 1,1-Dichloroethane	6.246	63	288789	48.870	ug/l	100
25) 2-Butanone	7.191	43	278936	248.536	ug/l	94
26) 2,2-Dichloropropane	7.185	77	161889	48.390	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	183258	48.218	ug/l	97
28) Bromochloromethane	7.532	49	118423	47.863	ug/l	96
29) Tetrahydrofuran	7.545	42	180438	245.219	ug/l	98
30) Chloroform	7.691	83	300832	48.553	ug/l	98
31) Cyclohexane	7.971	56	247369	46.660	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	233362	49.496	ug/l	97
36) 1,1-Dichloropropene	8.093	75	214445	50.184	ug/l	99
37) Ethyl Acetate	7.270	43	122313	50.176	ug/l	99
38) Carbon Tetrachloride	8.087	117	208858	50.928	ug/l	96
39) Methylcyclohexane	9.343	83	268235	49.879	ug/l	99
40) Benzene	8.337	78	633967	50.118	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	69319	47.504	ug/l	92
42) 1,2-Dichloroethane	8.410	62	206858	51.096	ug/l	99
43) Isopropyl Acetate	8.435	43	223752	50.703	ug/l	100
44) Trichloroethene	9.099	130	147239	48.970	ug/l	99
45) 1,2-Dichloropropane	9.374	63	151983	49.889	ug/l	97
46) Dibromomethane	9.465	93	94456	50.018	ug/l	97
47) Bromodichloromethane	9.648	83	231184	51.053	ug/l	99
48) Methyl methacrylate	9.441	41	106791	50.865	ug/l	99
49) 1,4-Dioxane	9.465	88	17306	918.404	ug/l #	78
51) 4-Methyl-2-Pentanone	10.215	43	615450	254.833	ug/l	99
52) Toluene	10.392	92	405262	49.838	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	224875	51.769	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	252855	50.972	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	123230	49.126	ug/l	89
56) Ethyl methacrylate	10.648	69	183657	51.840	ug/l	100
57) 1,3-Dichloropropane	10.934	76	222232	50.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	464954	255.506	ug/l	99
59) 2-Hexanone	10.971	43	434630	258.903	ug/l	100
60) Dibromochloromethane	11.129	129	153239	52.395	ug/l	98
61) 1,2-Dibromoethane	11.233	107	121982	49.213	ug/l	100
64) Tetrachloroethene	10.867	164	120392	50.312	ug/l	93
65) Chlorobenzene	11.660	112	425800	47.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	141312	51.316	ug/l	96
67) Ethyl Benzene	11.727	91	785972	50.360	ug/l	99
68) m/p-Xylenes	11.836	106	590550	100.513	ug/l	99
69) o-Xylene	12.166	106	282221	50.757	ug/l	98
70) Styrene	12.178	104	482249	50.941	ug/l	99
71) Bromoform	12.349	173	76122	50.545	ug/l #	96
73) Isopropylbenzene	12.458	105	732068	49.959	ug/l	99
74) N-amyl acetate	12.269	43	198317	50.062	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.708	83	151452	48.693	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	194807	83.548	ug/l #	100
77) Bromobenzene	12.745	156	154299	48.667	ug/l	97
78) n-propylbenzene	12.800	91	879440	48.866	ug/l	99
79) 2-Chlorotoluene	12.891	91	528668	49.200	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	611684	49.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	51566	51.058	ug/l	99
82) 4-Chlorotoluene	12.983	91	541303	48.019	ug/l	99
83) tert-Butylbenzene	13.202	119	514600	49.158	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	617855	49.671	ug/l	100
85) sec-Butylbenzene	13.379	105	769786	48.967	ug/l	98
86) p-Isopropyltoluene	13.495	119	634293	48.815	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	305176	46.241	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	302064	46.722	ug/l	99
89) n-Butylbenzene	13.818	91	620318	48.665	ug/l	98
90) Hexachloroethane	14.086	117	108392	48.241	ug/l	90
91) 1,2-Dichlorobenzene	13.867	146	277050	47.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	26730	47.568	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	168311	47.716	ug/l	94
94) Hexachlorobutadiene	15.226	225	86628	51.828	ug/l	97
95) Naphthalene	15.360	128	430454	49.637	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	155785	48.745	ug/l	93

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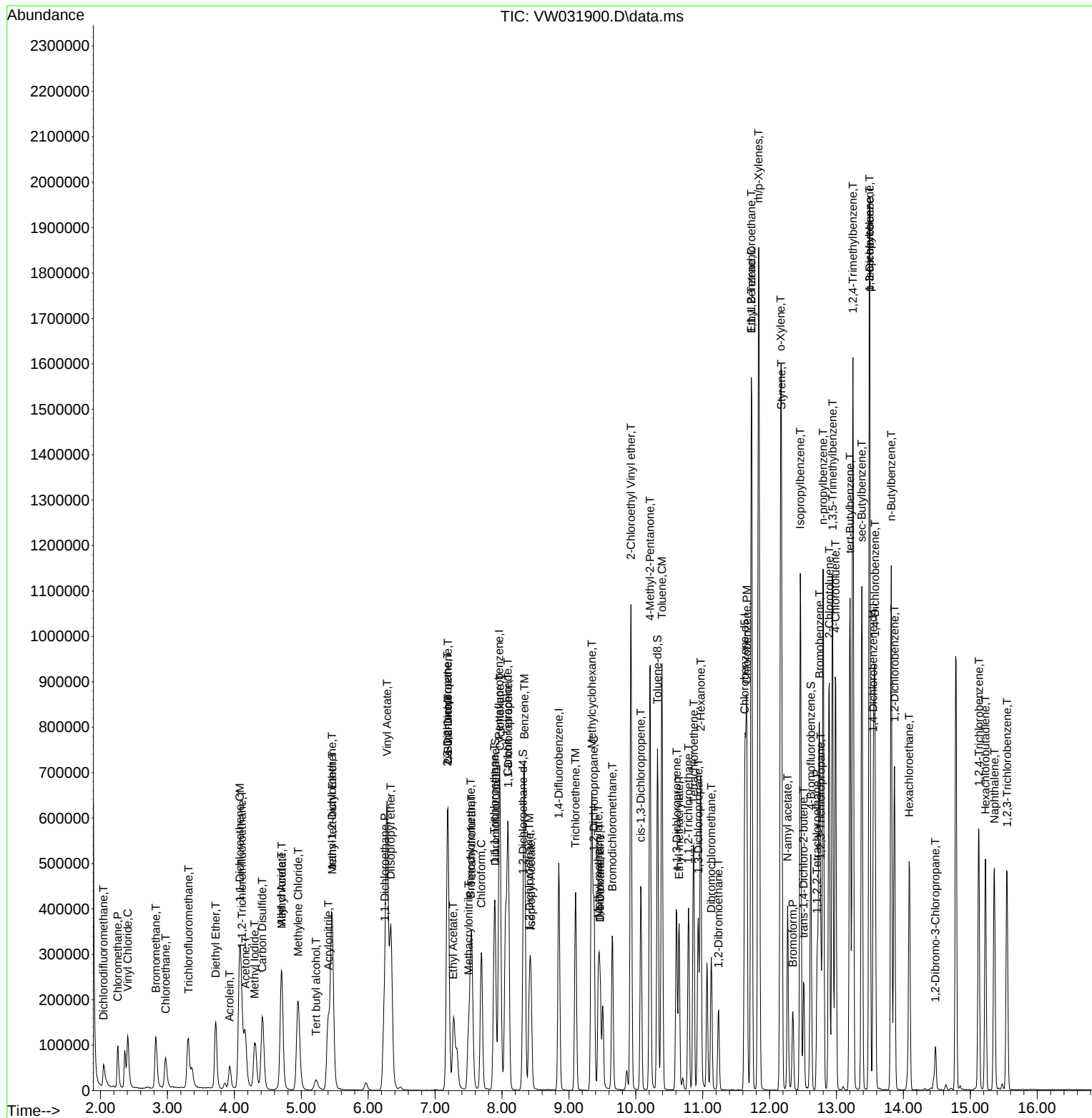
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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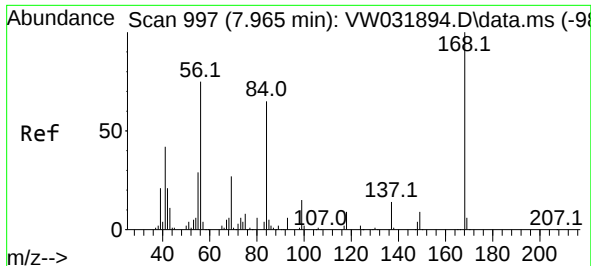
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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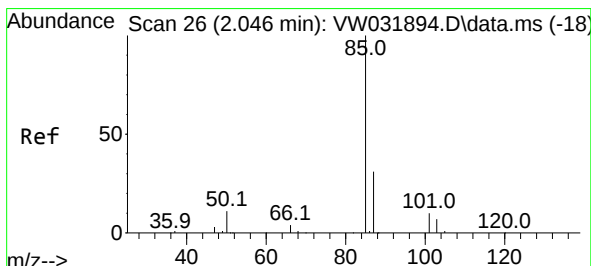
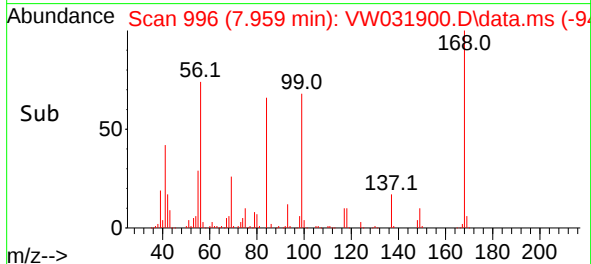
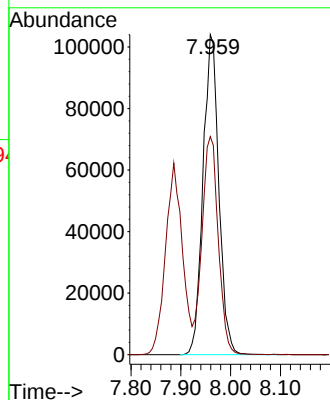
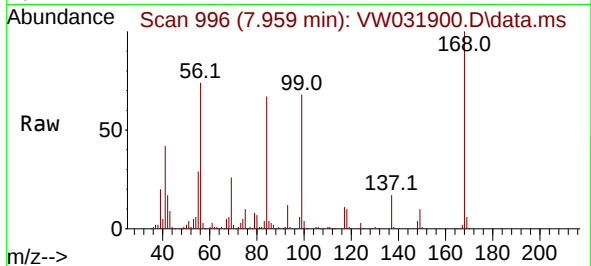




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031900.D
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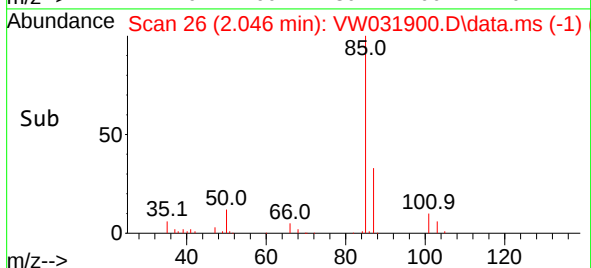
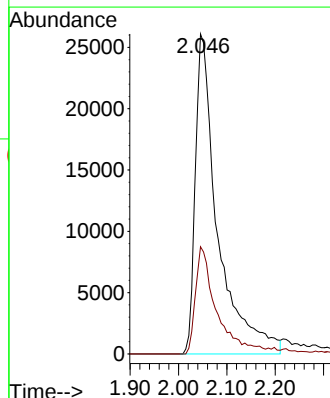
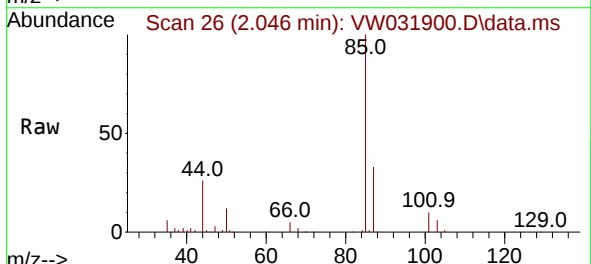
Instrument :
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VSTDCCC050

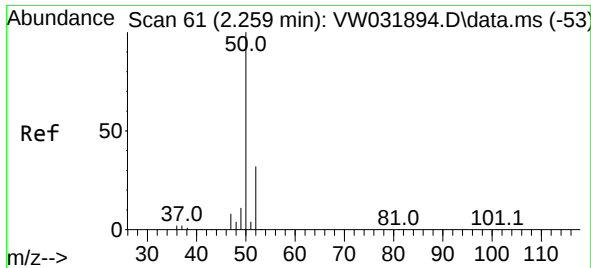
Tgt Ion:168 Resp: 228509
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 49.326 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 85 Resp: 83772
Ion Ratio Lower Upper
85 100
87 33.5 15.5 46.5

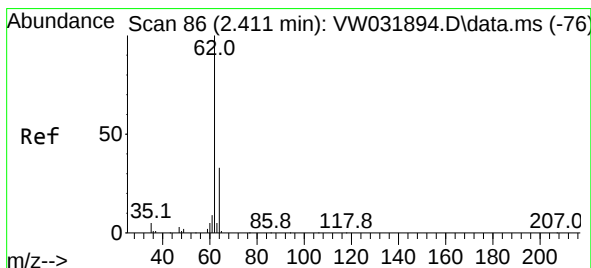
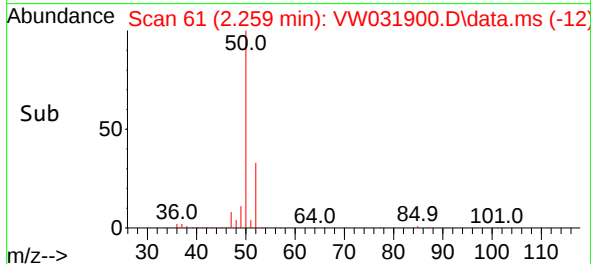
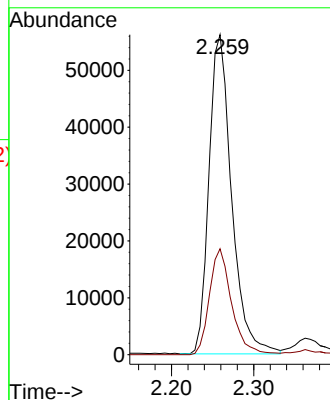
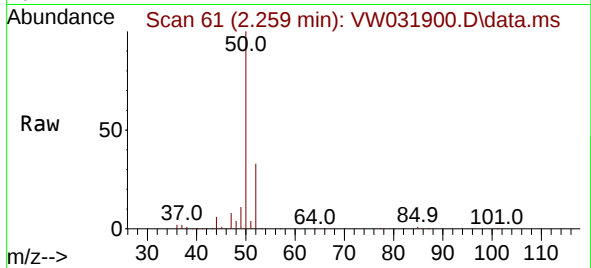




#3
Chloromethane
Concen: 49.321 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

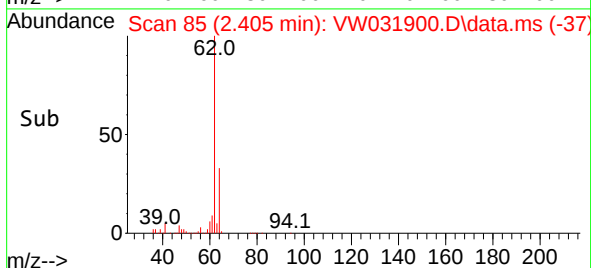
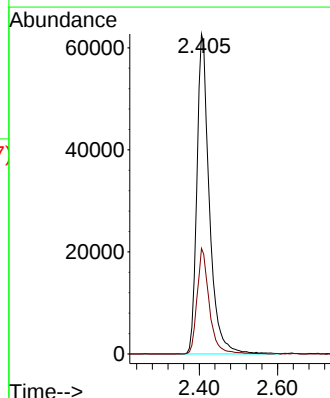
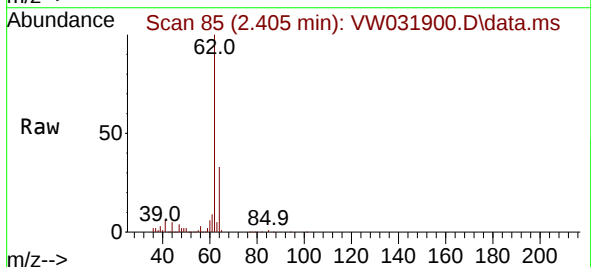
Instrument :
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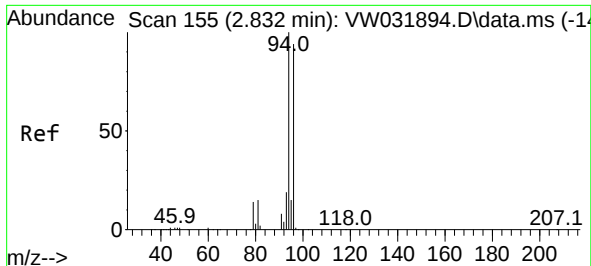
Tgt Ion: 50 Resp: 107511
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5



#4
Vinyl Chloride
Concen: 49.224 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 62 Resp: 139384
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2

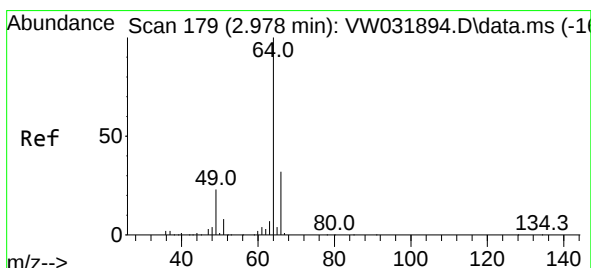
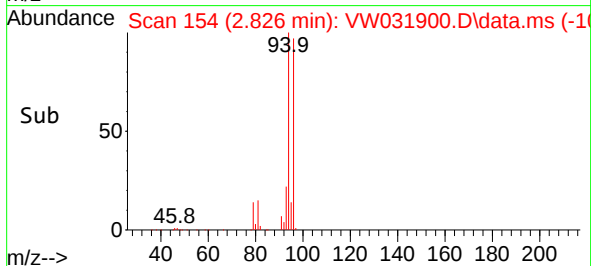
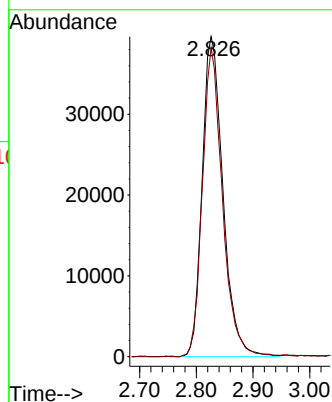
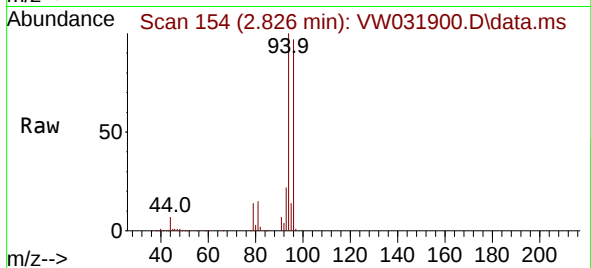




#5
Bromomethane
Concen: 48.356 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031900.D
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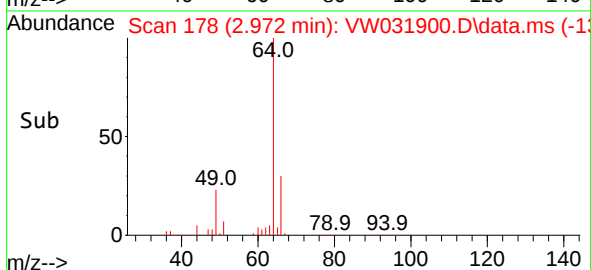
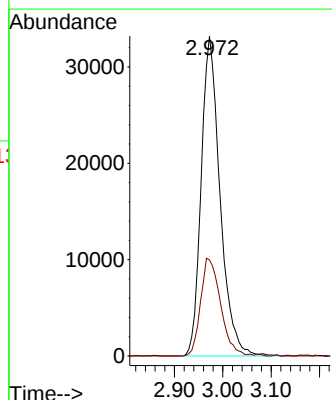
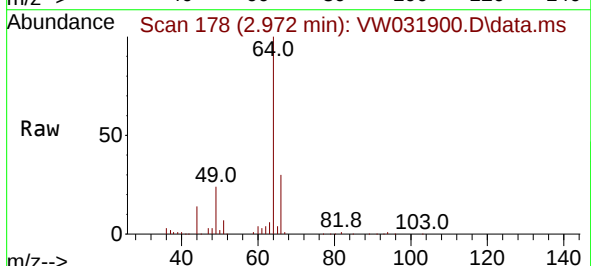
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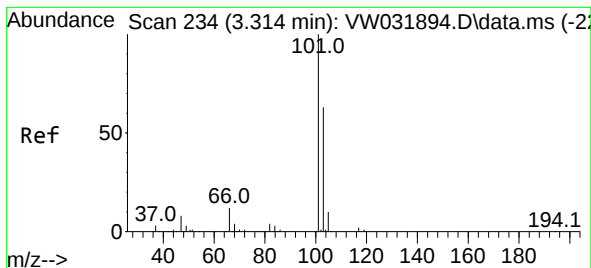
Tgt Ion: 94 Resp: 100829
Ion Ratio Lower Upper
94 100
96 96.5 75.0 112.6



#6
Chloroethane
Concen: 48.078 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 64 Resp: 89851
Ion Ratio Lower Upper
64 100
66 30.0 25.6 38.4

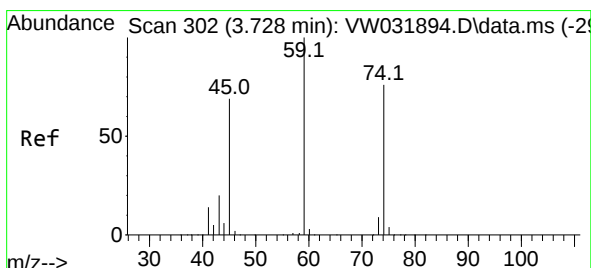
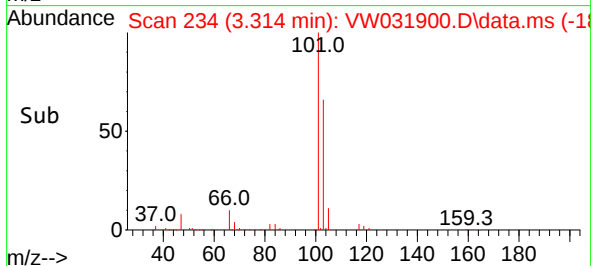
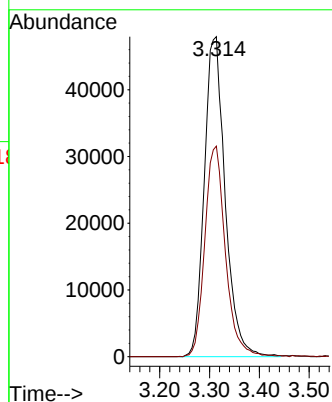
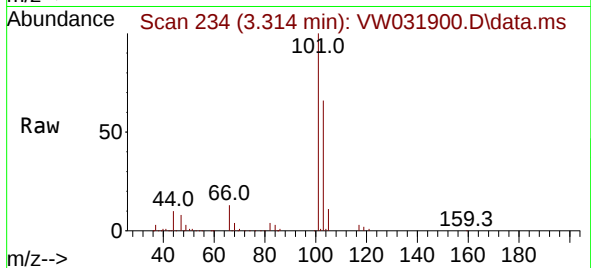




#7
 Trichlorofluoromethane
 Concen: 48.530 ug/l
 RT: 3.314 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

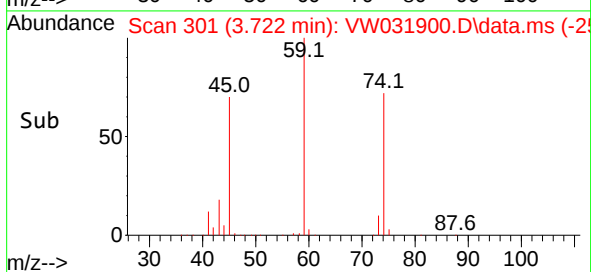
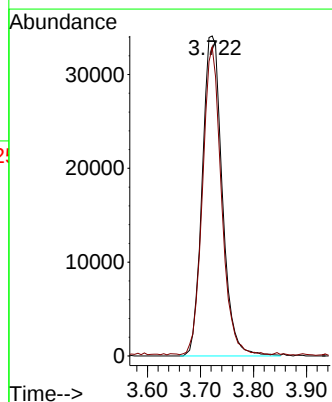
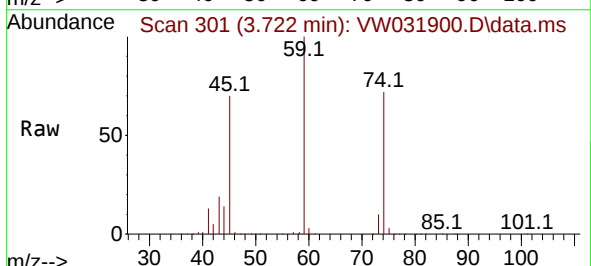
Instrument :
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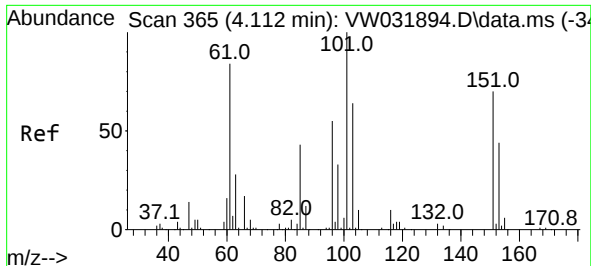
Tgt Ion:101 Resp: 139183
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 46.793 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

Tgt Ion: 74 Resp: 89646
 Ion Ratio Lower Upper
 74 100
 45 90.8 45.5 136.5

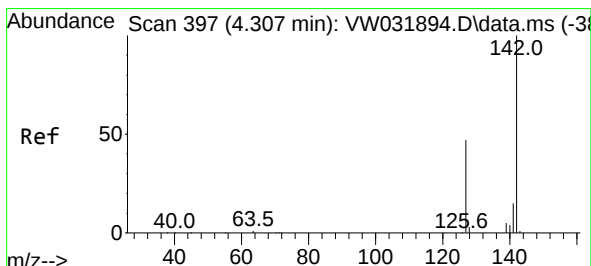
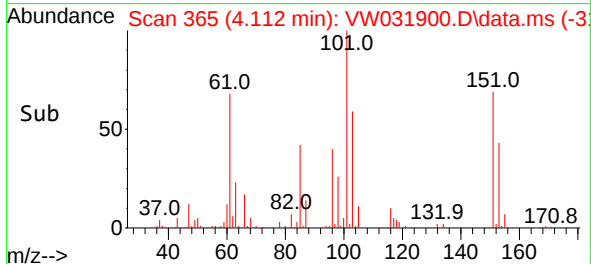
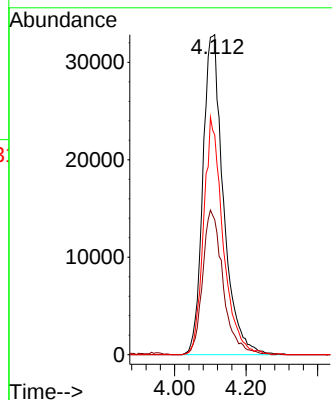
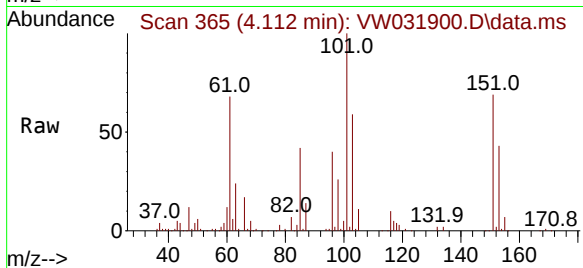




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.486 ug/l
RT: 4.112 min Scan# 309
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

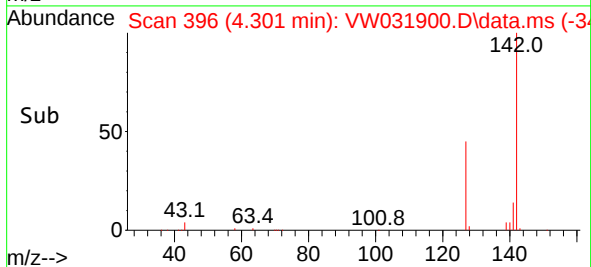
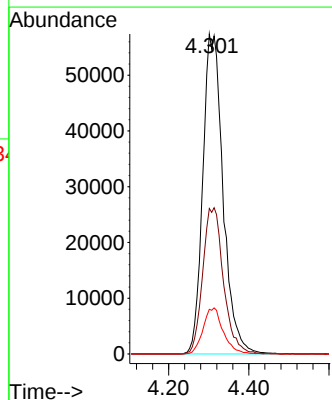
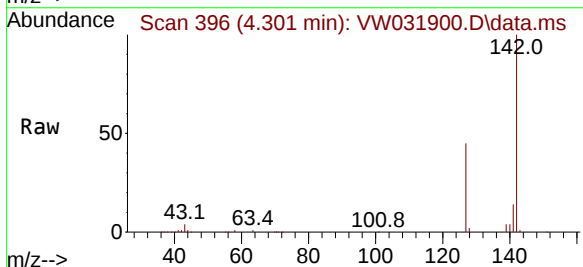
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

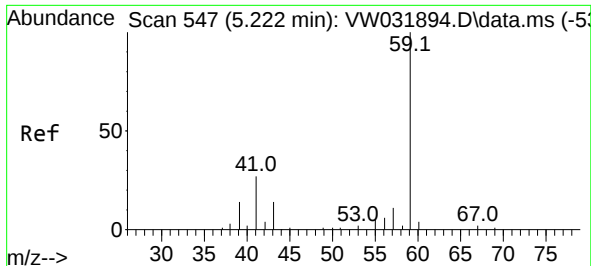
Tgt Ion:101 Resp: 130997
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 70.4 54.6 81.8



#10
Methyl Iodide
Concen: 48.747 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:142 Resp: 201060
Ion Ratio Lower Upper
142 100
127 46.9 37.4 56.2
141 14.3 11.9 17.9

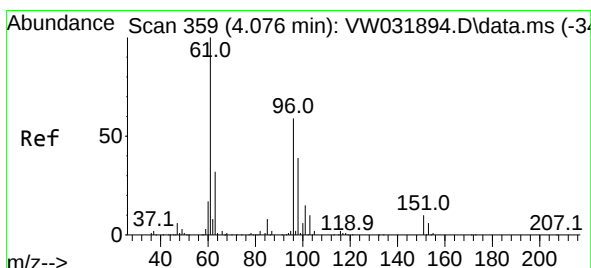
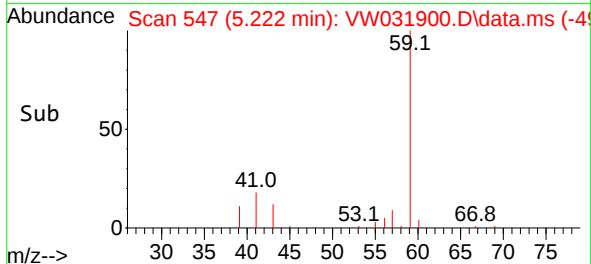
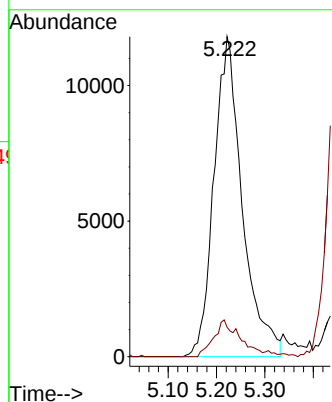
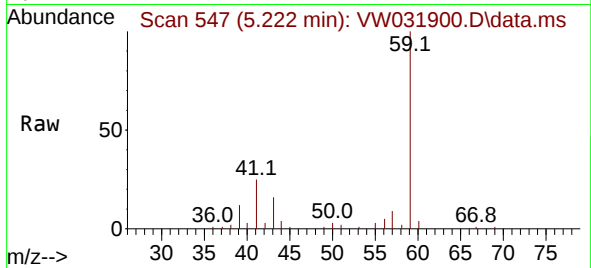




#11
Tert butyl alcohol
Concen: 235.550 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

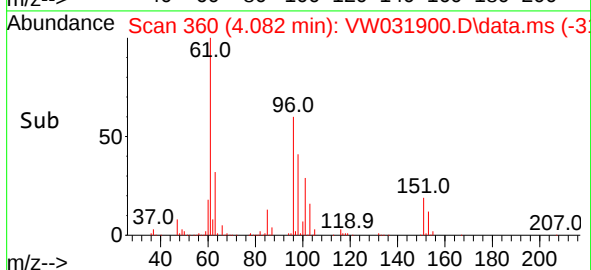
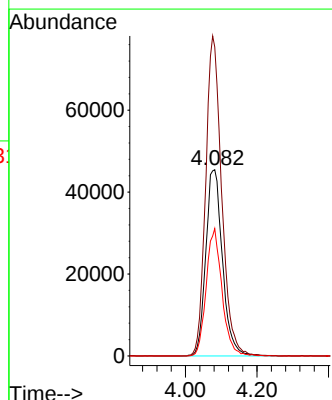
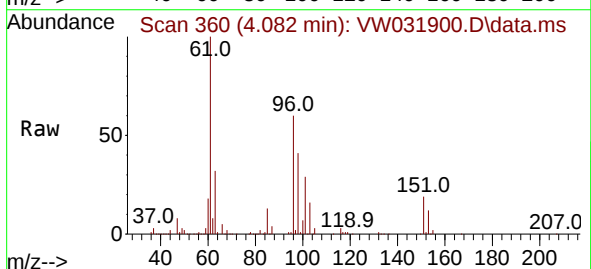
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 47862
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.310 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 96 Resp: 147199
Ion Ratio Lower Upper
96 100
61 165.9 135.0 202.6
98 68.5 52.3 78.5

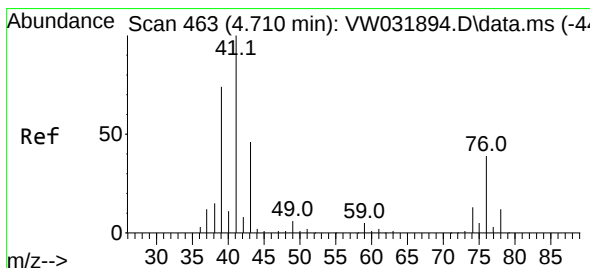
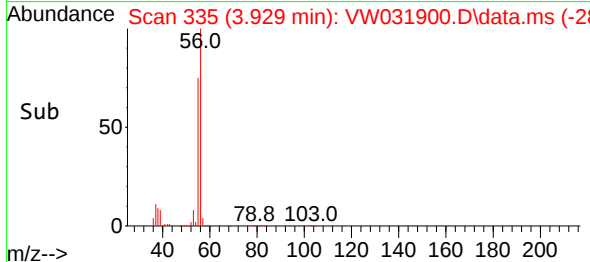
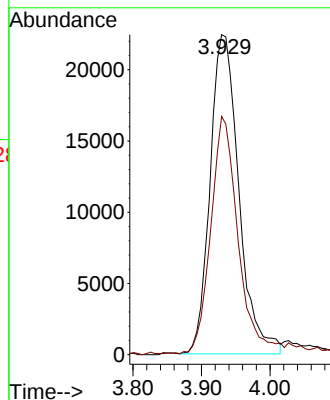
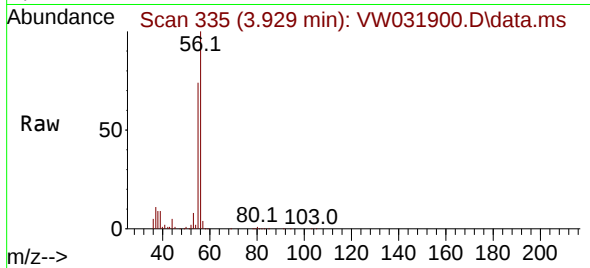




#13
Acrolein
Concen: 238.148 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

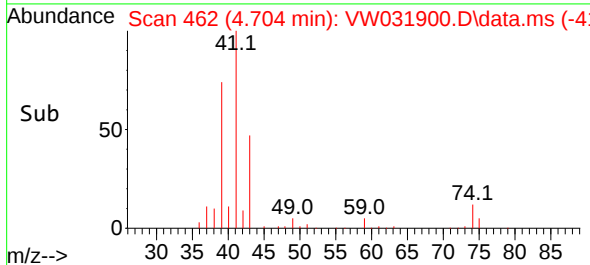
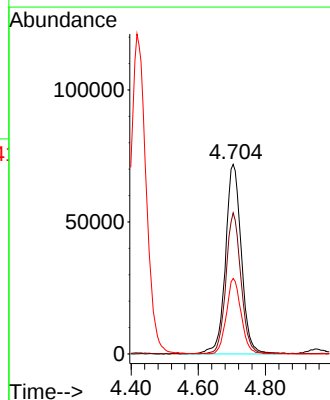
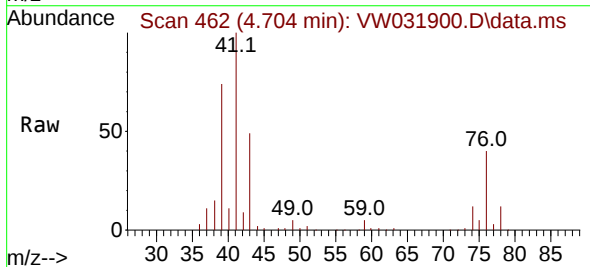
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

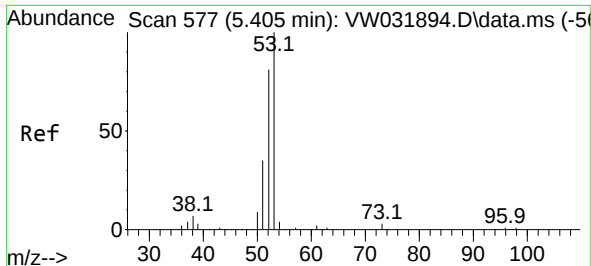
Tgt Ion: 56 Resp: 65329
Ion Ratio Lower Upper
56 100
55 70.4 56.7 85.1



#14
Allyl chloride
Concen: 49.701 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 41 Resp: 235746
Ion Ratio Lower Upper
41 100
39 70.2 56.6 85.0
76 36.7 30.1 45.1

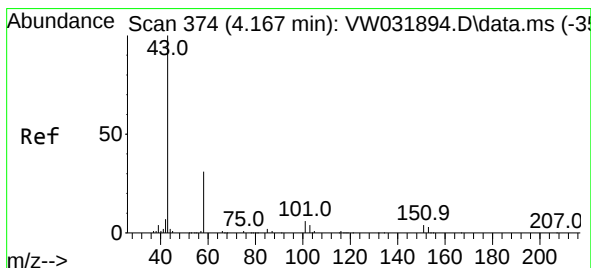
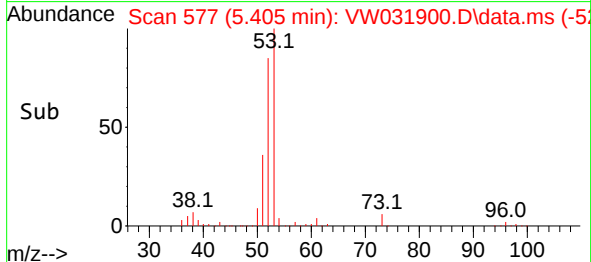
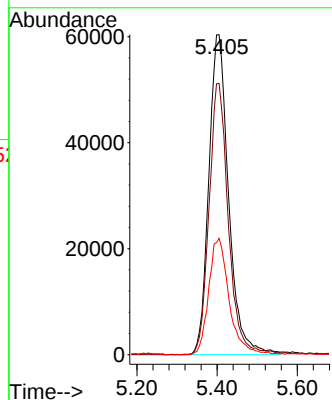
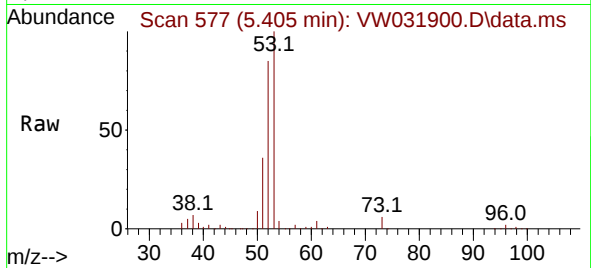




#15
Acrylonitrile
Concen: 241.988 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

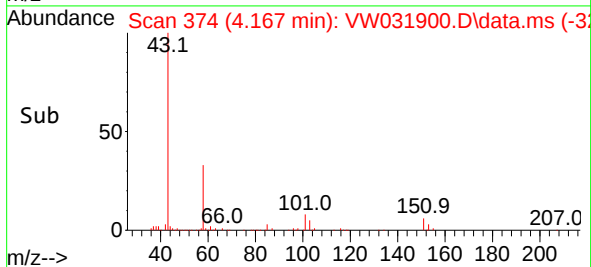
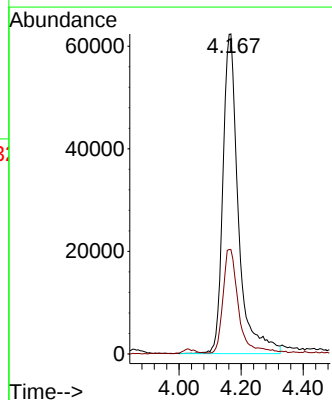
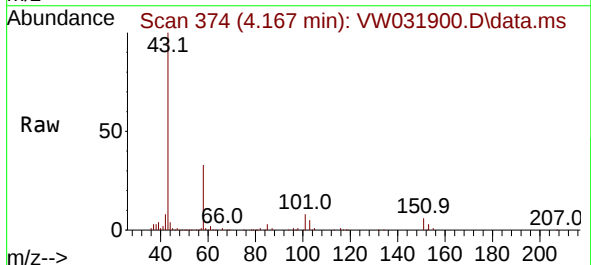
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

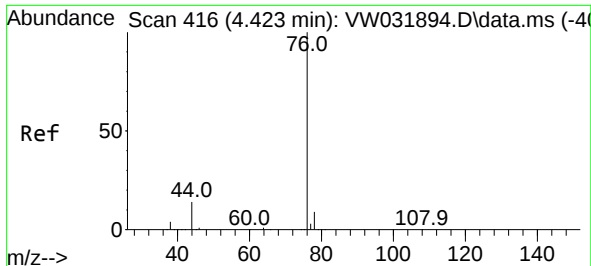
Tgt Ion: 53 Resp: 207266
Ion Ratio Lower Upper
53 100
52 82.5 67.0 100.4
51 37.6 29.9 44.9



#16
Acetone
Concen: 262.941 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 43 Resp: 215684
Ion Ratio Lower Upper
43 100
58 32.3 25.5 38.3

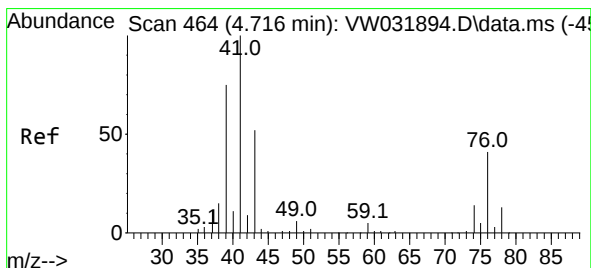
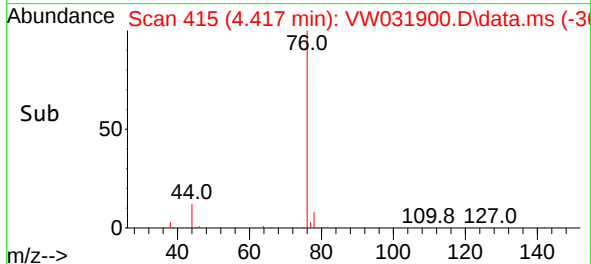
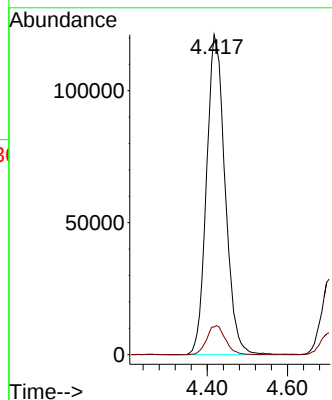
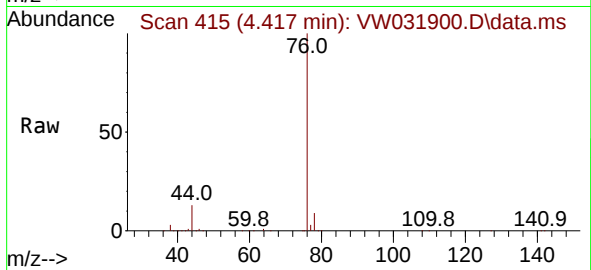




#17
Carbon Disulfide
Concen: 49.246 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

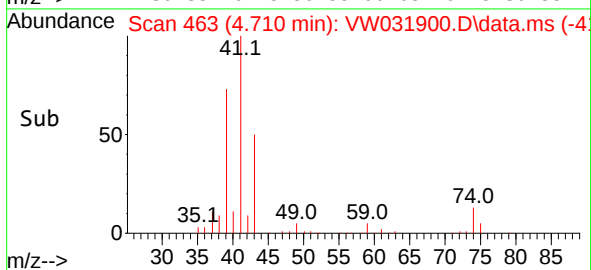
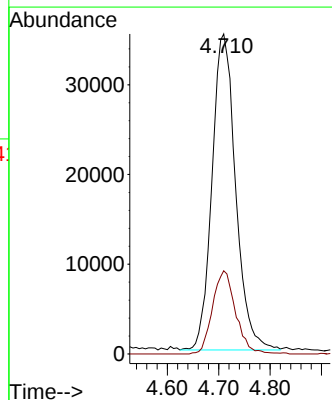
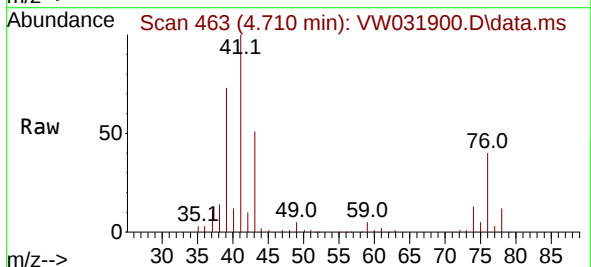
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

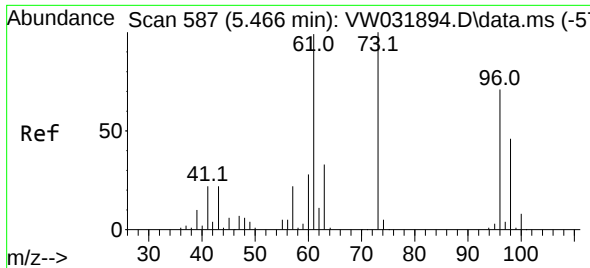
Tgt Ion: 76 Resp: 389152
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 49.809 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 43 Resp: 112564
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

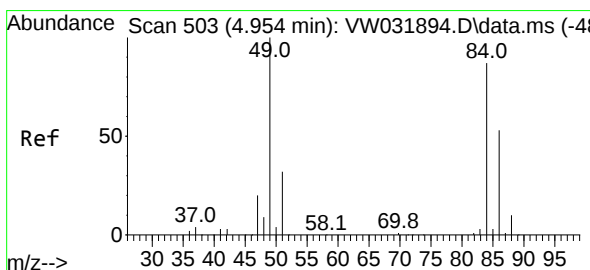
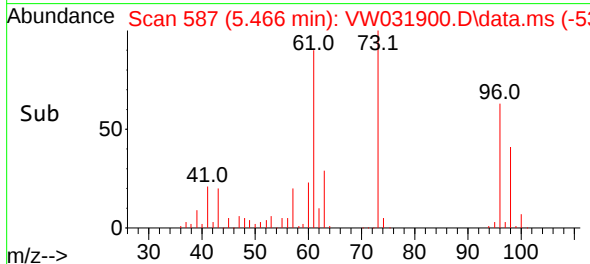
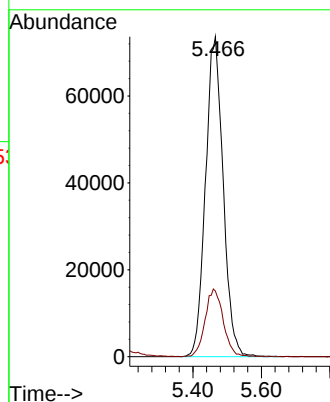
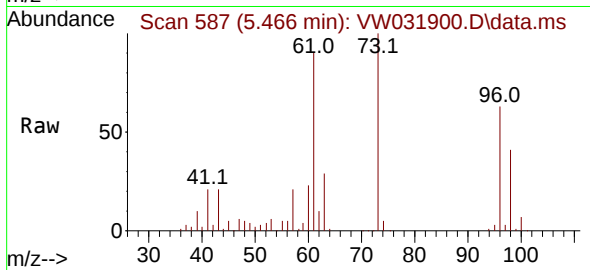




#19
Methyl tert-butyl Ether
Concen: 50.054 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

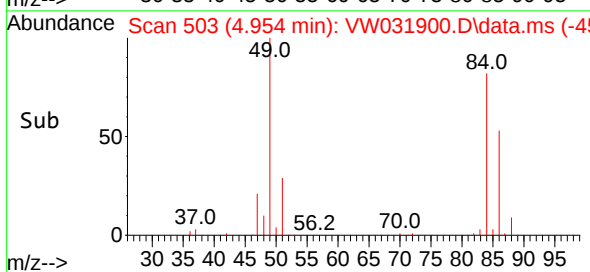
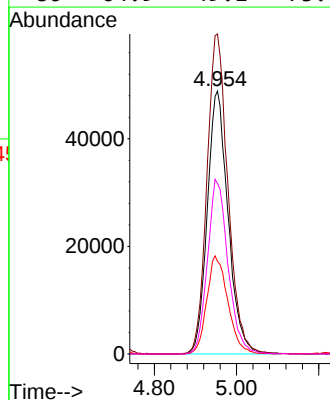
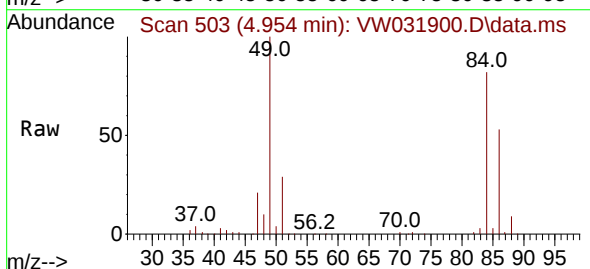
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

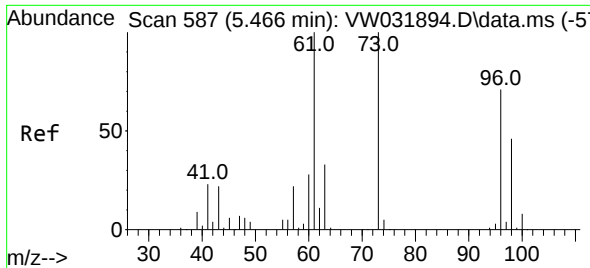
Tgt Ion: 73 Resp: 263516
Ion Ratio Lower Upper
73 100
57 20.4 17.5 26.3



#20
Methylene Chloride
Concen: 48.929 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 84 Resp: 172003
Ion Ratio Lower Upper
84 100
49 121.6 91.9 137.9
51 35.2 29.0 43.6
86 64.9 49.1 73.7

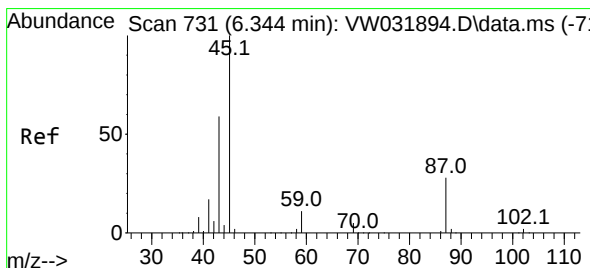
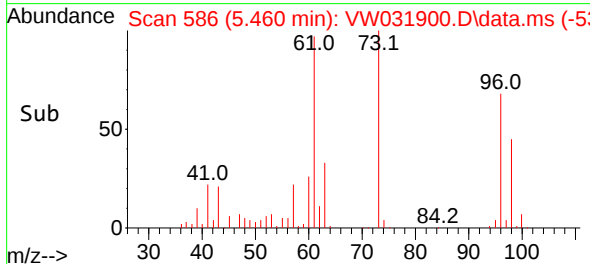
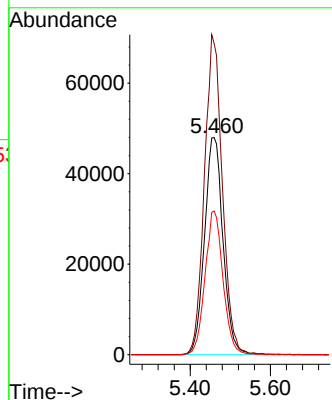
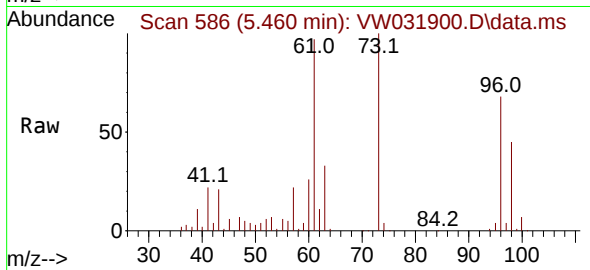




#21
trans-1,2-Dichloroethene
Concen: 47.512 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

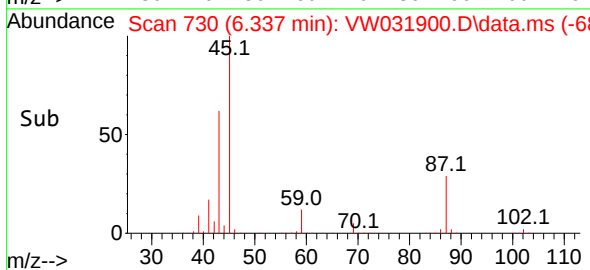
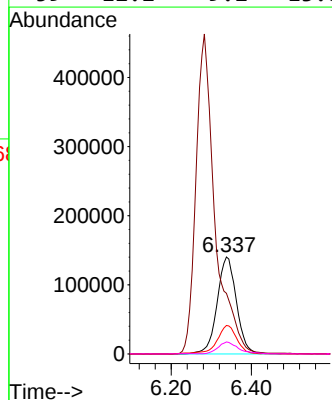
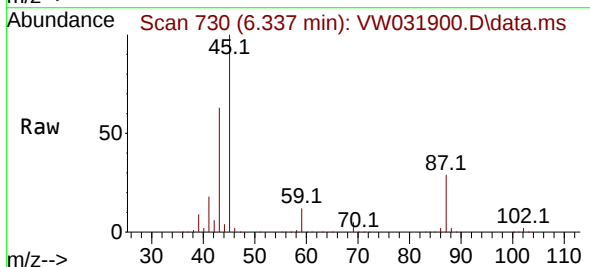
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

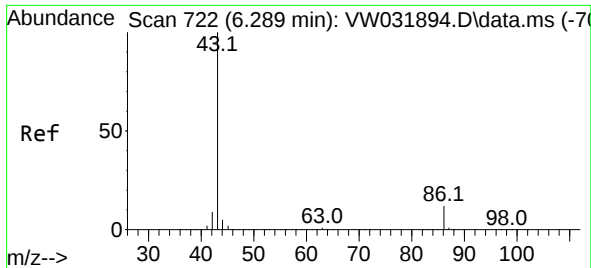
Tgt Ion: 96 Resp: 153598
Ion Ratio Lower Upper
96 100
61 143.3 112.8 169.2
98 66.1 51.9 77.9



#22
Diisopropyl ether
Concen: 49.417 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 45 Resp: 469027
Ion Ratio Lower Upper
45 100
43 61.7 47.0 70.6
87 29.3 22.8 34.2
59 12.2 9.2 13.8

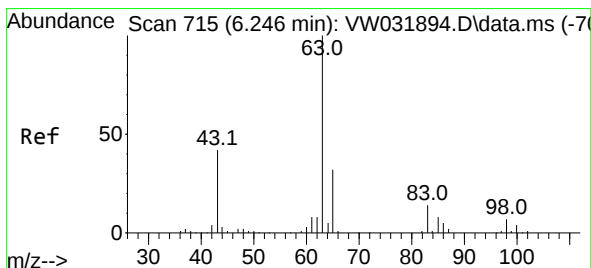
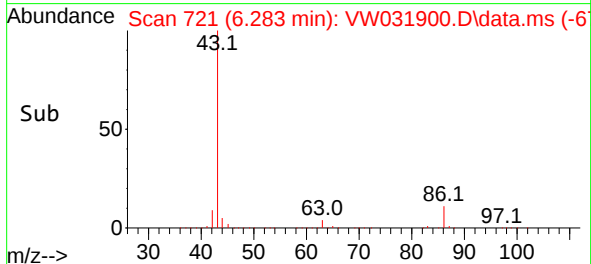
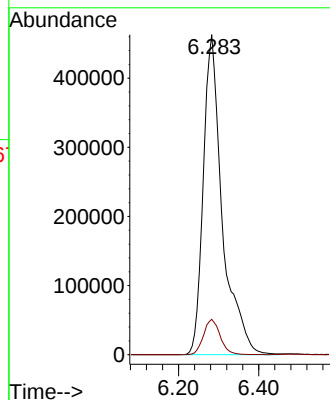
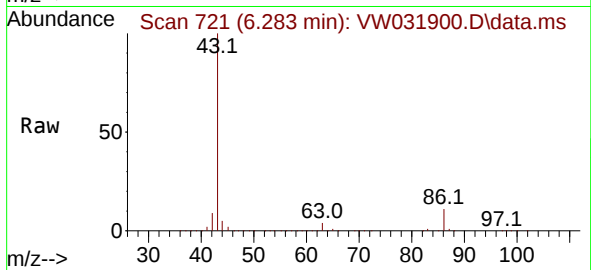




#23
 Vinyl Acetate
 Concen: 246.157 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

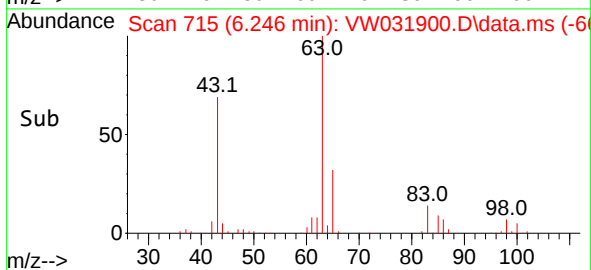
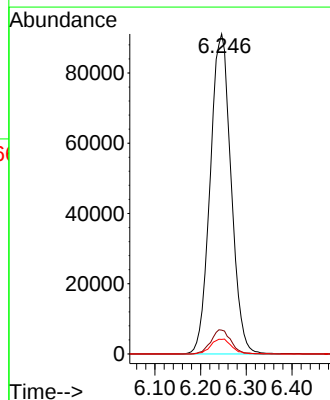
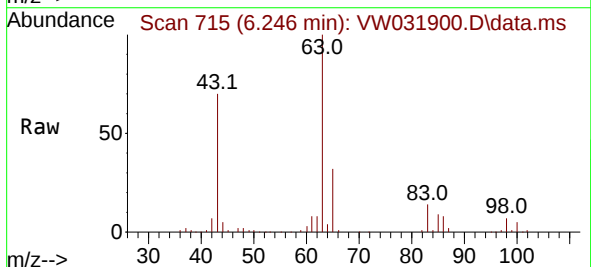
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

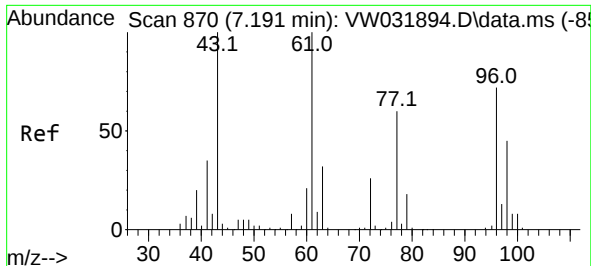
Tgt Ion: 43 Resp: 1526354
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 48.870 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

Tgt Ion: 63 Resp: 288789
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.5 2.2 6.6

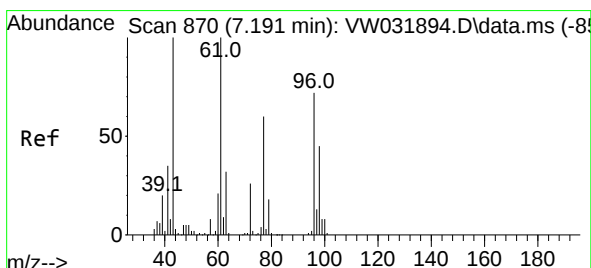
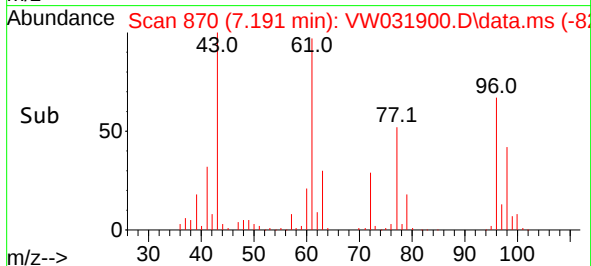
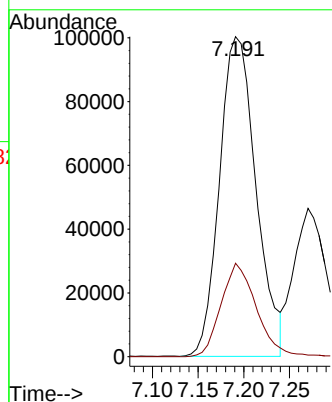
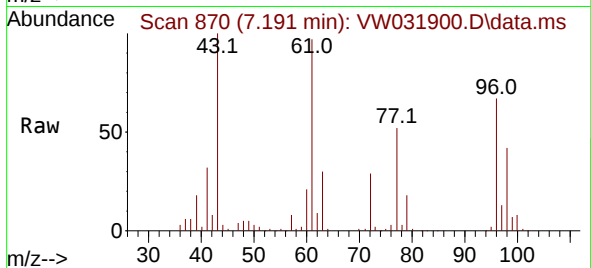




#25
2-Butanone
Concen: 248.536 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

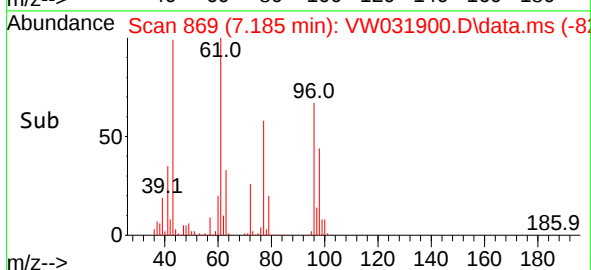
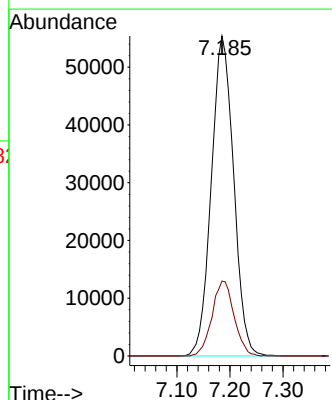
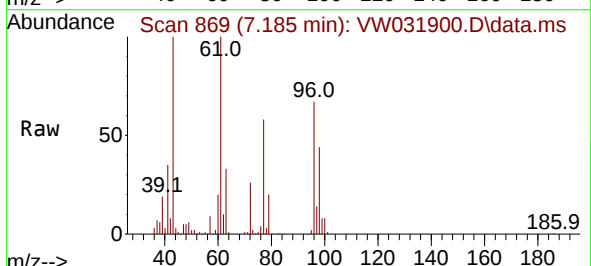
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

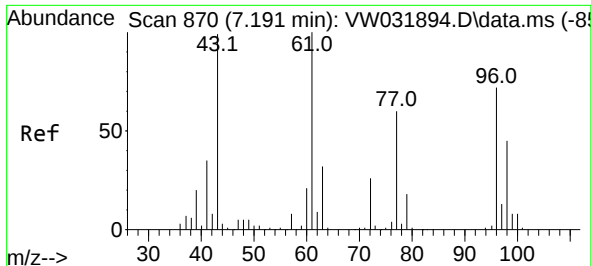
Tgt Ion: 43 Resp: 278936
Ion Ratio Lower Upper
43 100
72 29.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 48.390 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 77 Resp: 161889
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1



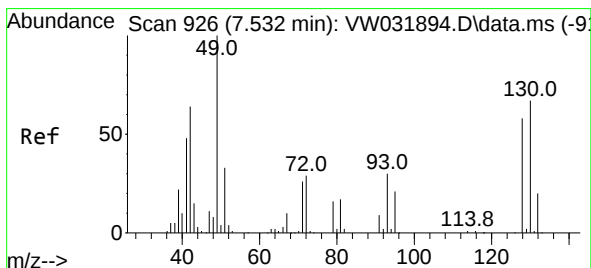
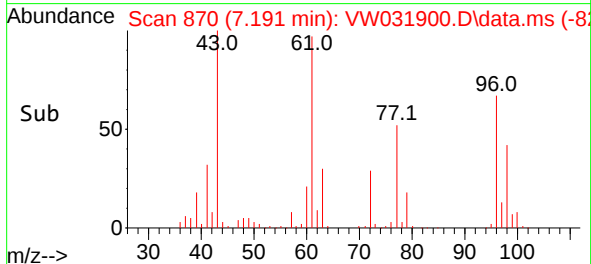
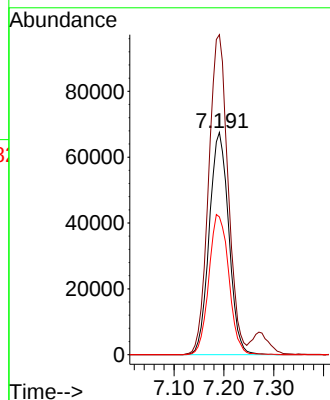
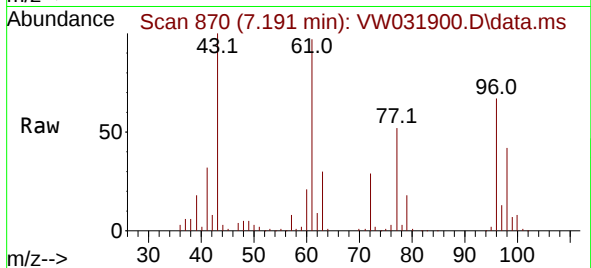


#27
 cis-1,2-Dichloroethene
 Concen: 48.218 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 183258

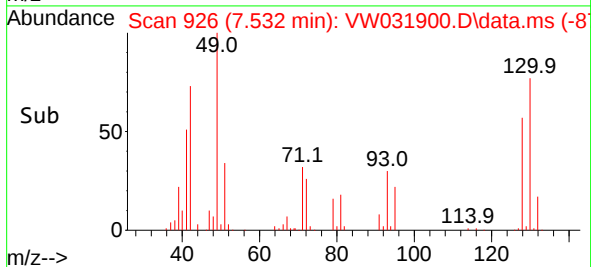
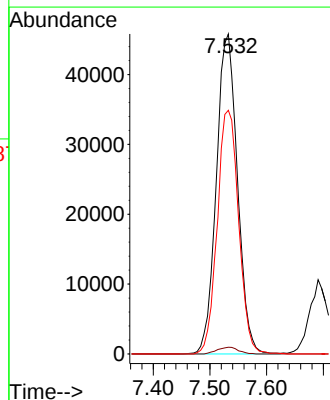
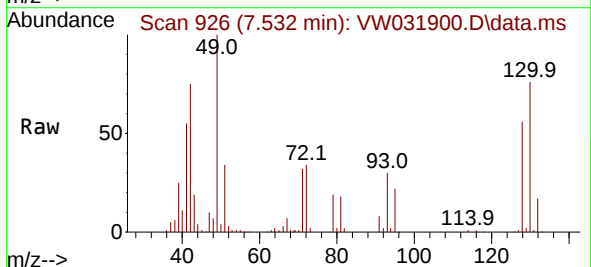
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	280.2
98	64.5	0.0	126.8

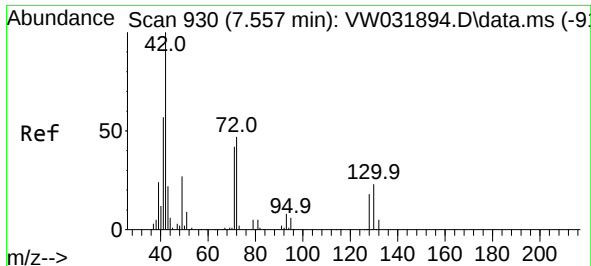


#28
 Bromochloromethane
 Concen: 47.863 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

Tgt Ion: 49 Resp: 118423

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	77.0	59.0	88.4





#29

Tetrahydrofuran

Concen: 245.219 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.012 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

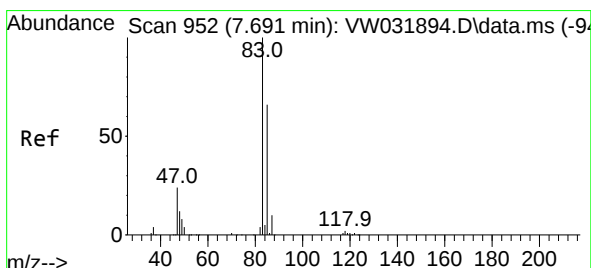
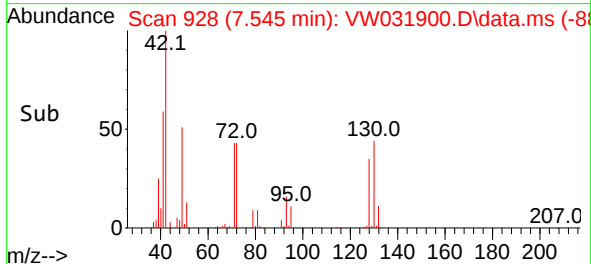
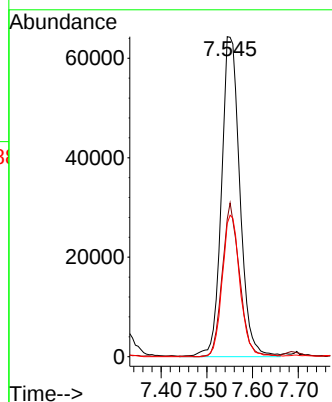
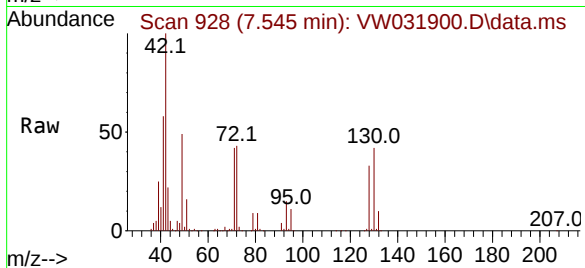
Tgt Ion: 42 Resp: 180438

Ion Ratio Lower Upper

42 100

72 44.9 37.0 55.6

71 42.6 34.5 51.7



#30

Chloroform

Concen: 48.553 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031900.D

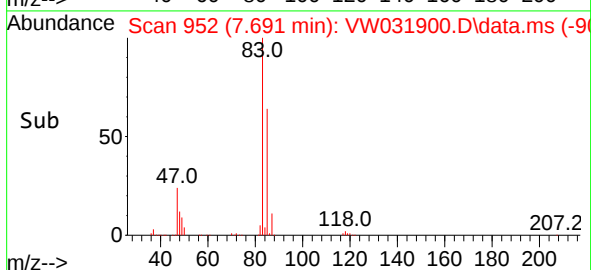
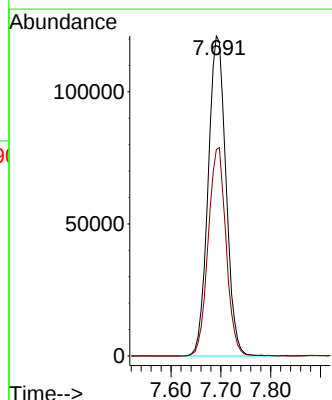
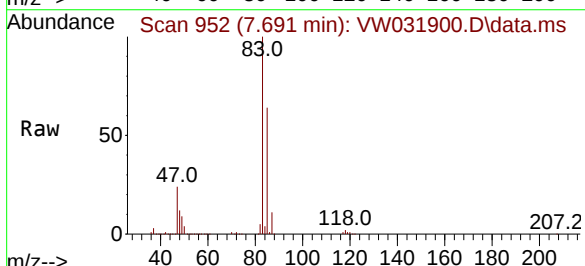
Acq: 23 Jul 2025 09:07

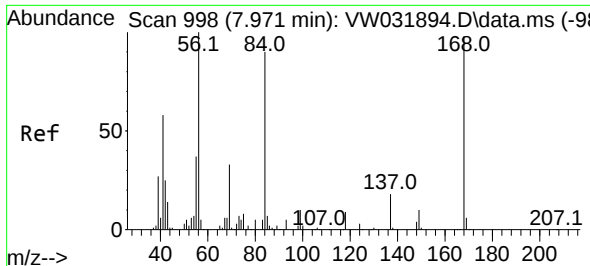
Tgt Ion: 83 Resp: 300832

Ion Ratio Lower Upper

83 100

85 64.5 52.6 78.8

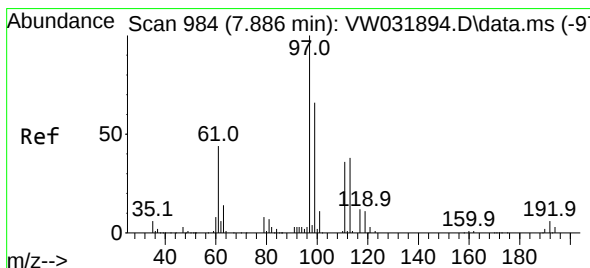
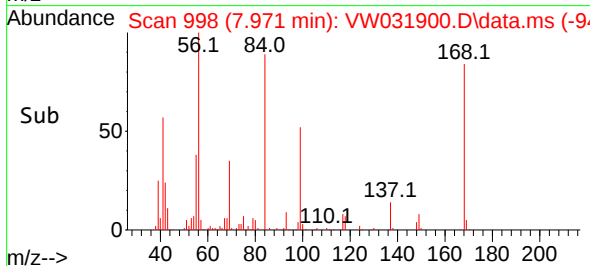
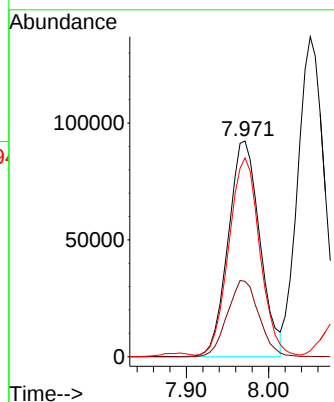
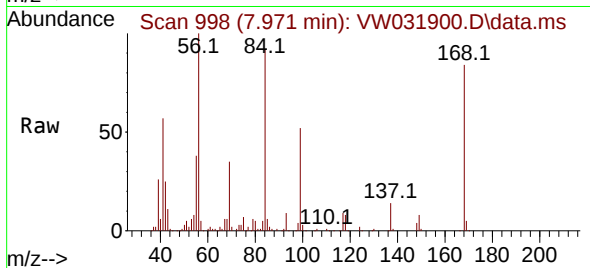




#31
Cyclohexane
Concen: 46.660 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

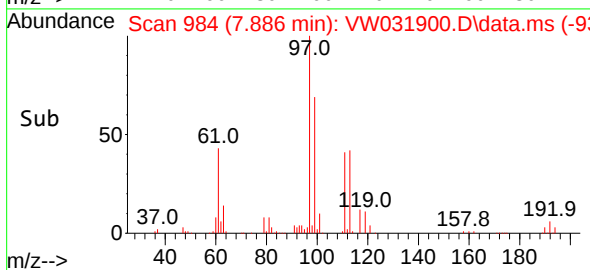
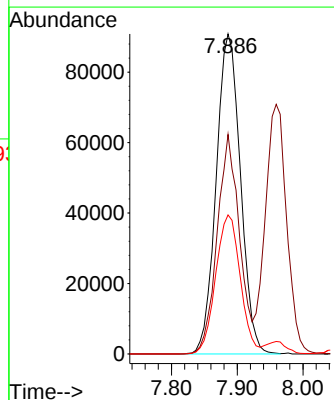
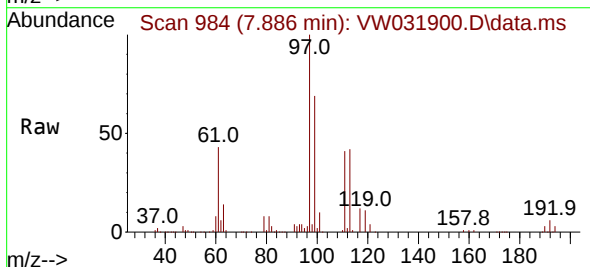
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

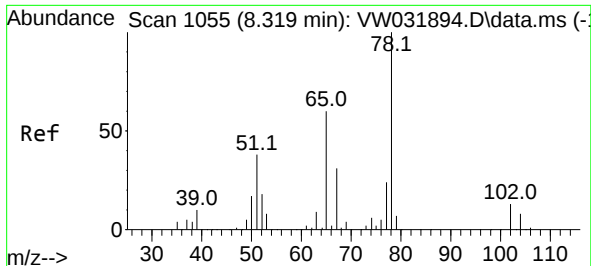
Tgt Ion: 56 Resp: 247369
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 90.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.496 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 97 Resp: 233362
Ion Ratio Lower Upper
97 100
99 62.9 53.0 79.4
61 44.1 35.4 53.0

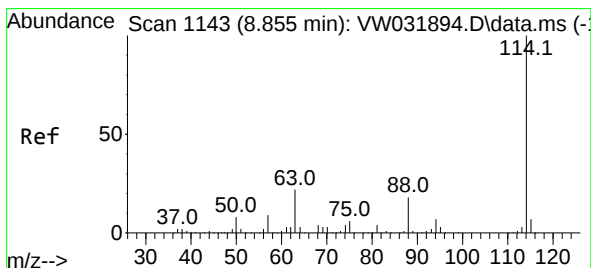
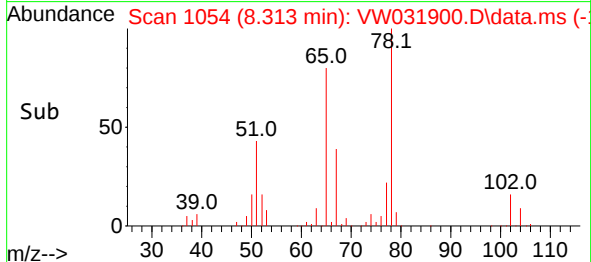
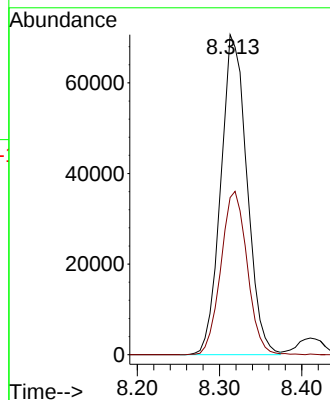
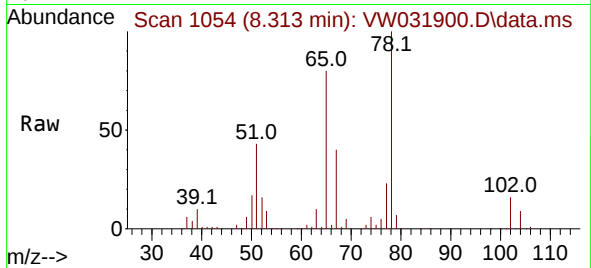




#33
 1,2-Dichloroethane-d4
 Concen: 45.145 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

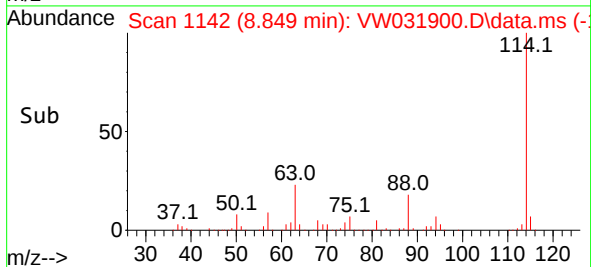
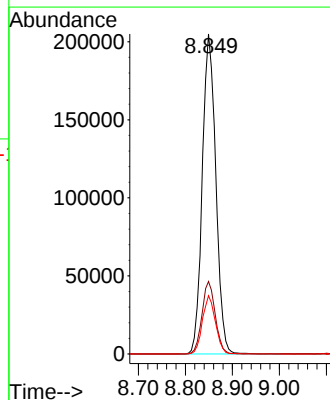
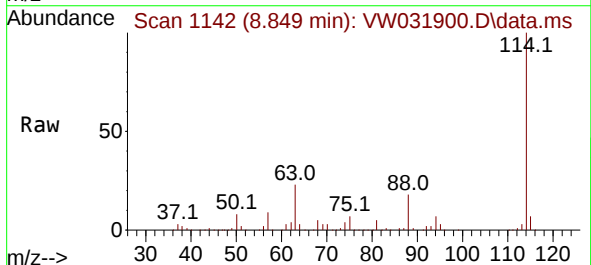
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

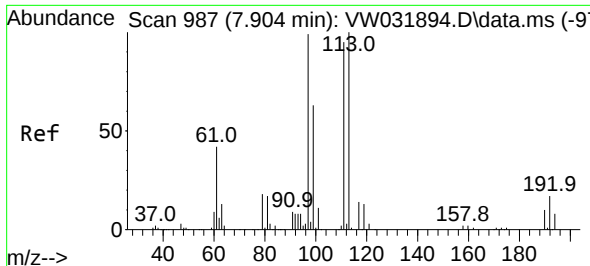
Tgt Ion: 65 Resp: 156054
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

Tgt Ion: 114 Resp: 409489
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.2
 88 18.2 0.0 35.6

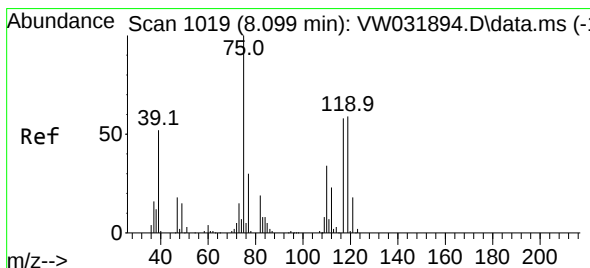
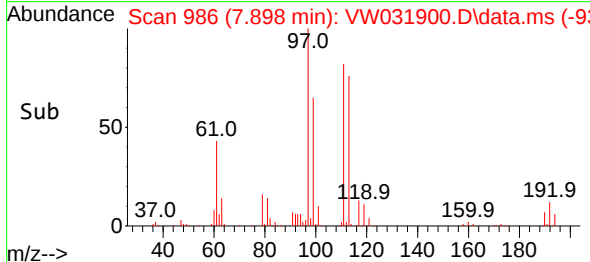
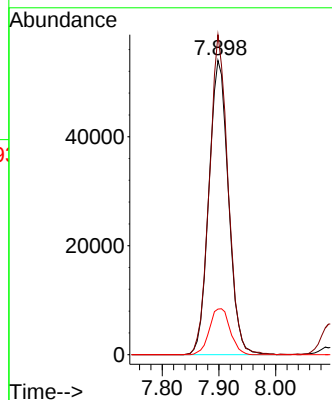
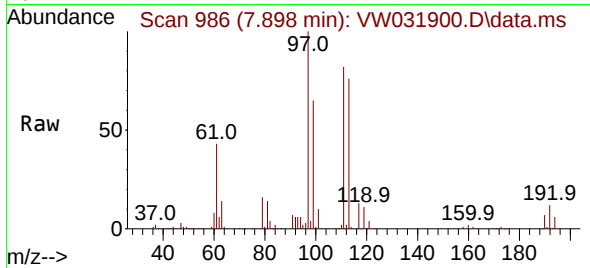




#35
Dibromofluoromethane
Concen: 46.522 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

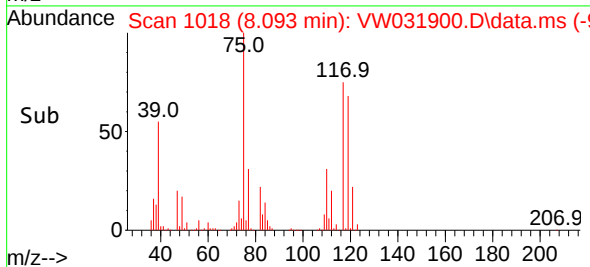
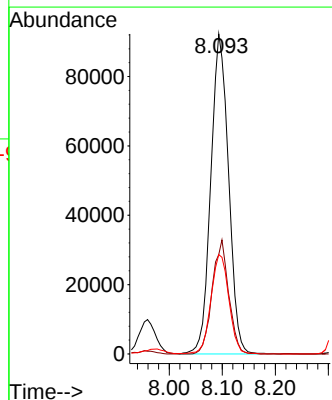
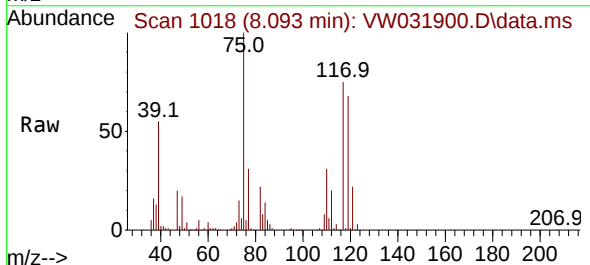
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

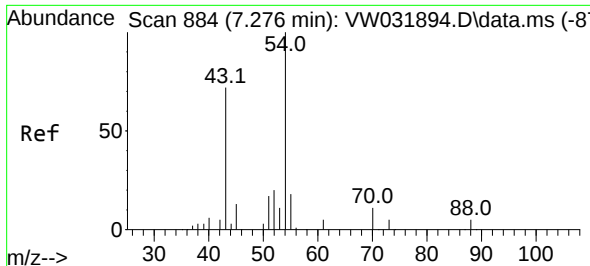
Tgt Ion:113 Resp: 129449
Ion Ratio Lower Upper
113 100
111 104.2 79.9 119.9
192 16.5 12.6 19.0



#36
1,1-Dichloropropene
Concen: 50.184 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 75 Resp: 214445
Ion Ratio Lower Upper
75 100
110 33.3 17.0 50.9
77 31.4 25.1 37.7

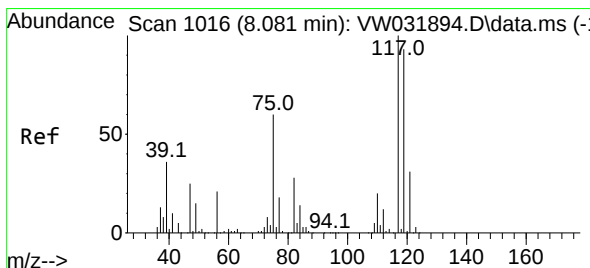
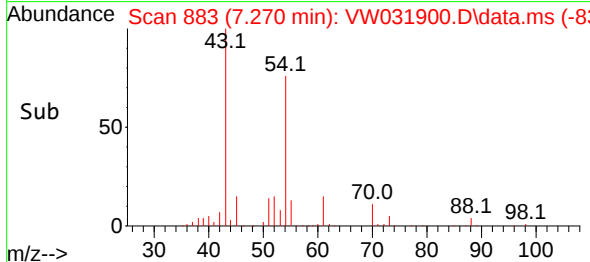
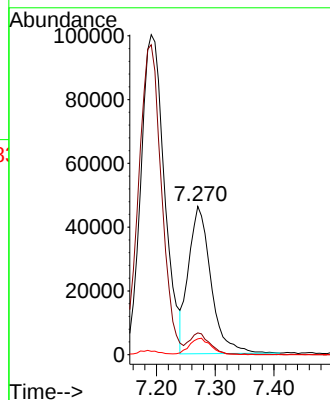
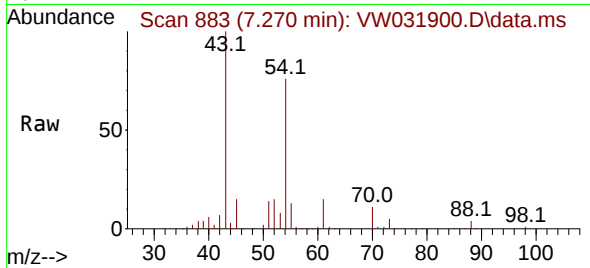




#37
Ethyl Acetate
Concen: 50.176 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

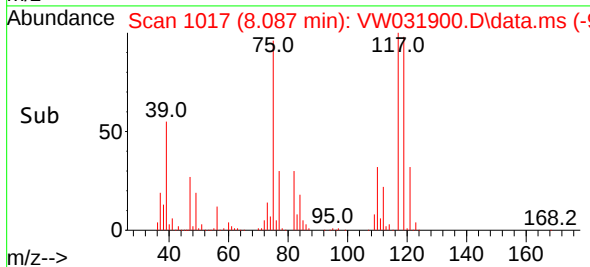
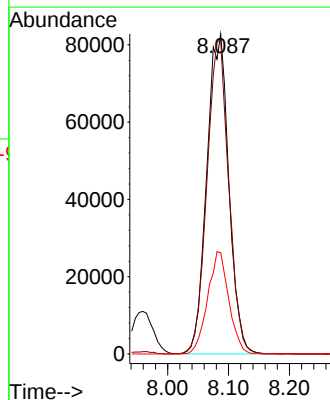
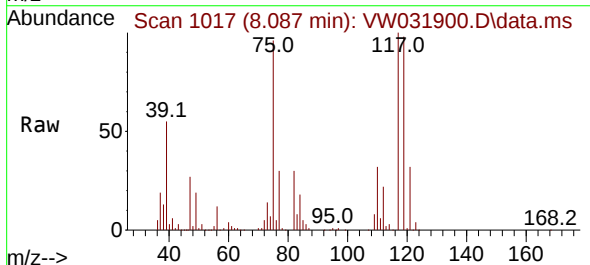
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

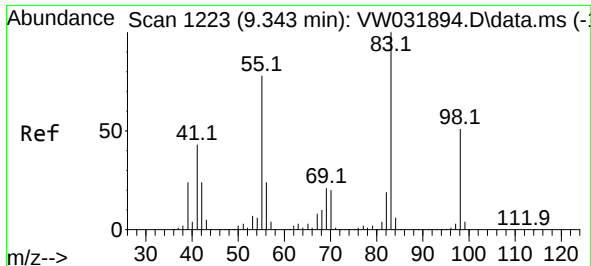
Tgt Ion: 43 Resp: 122313
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 10.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 50.928 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 117 Resp: 208858
Ion Ratio Lower Upper
117 100
119 98.0 74.3 111.5
121 31.7 24.6 37.0





#39

Methylcyclohexane

Concen: 49.879 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

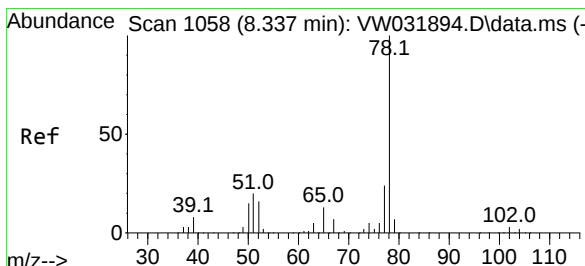
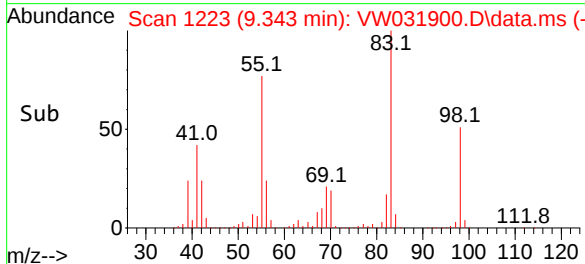
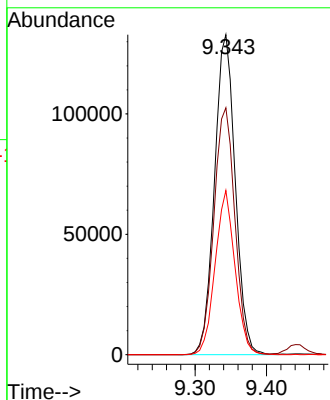
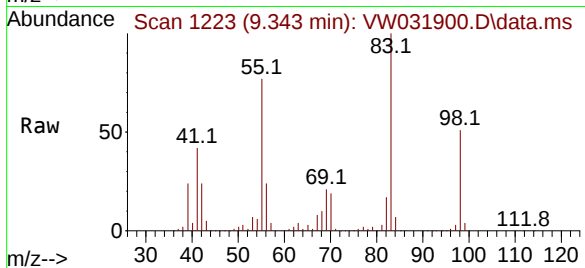
Tgt Ion: 83 Resp: 268235

Ion Ratio Lower Upper

83 100

55 77.2 62.5 93.7

98 51.3 40.6 61.0



#40

Benzene

Concen: 50.118 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031900.D

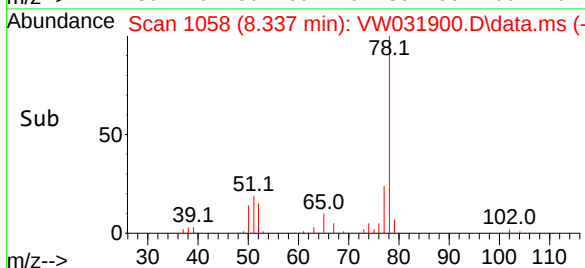
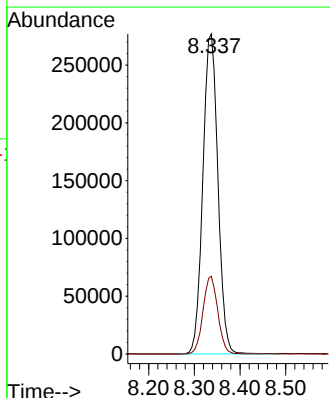
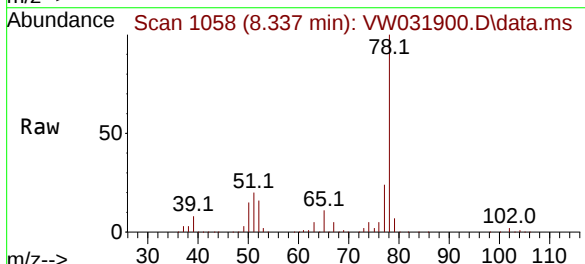
Acq: 23 Jul 2025 09:07

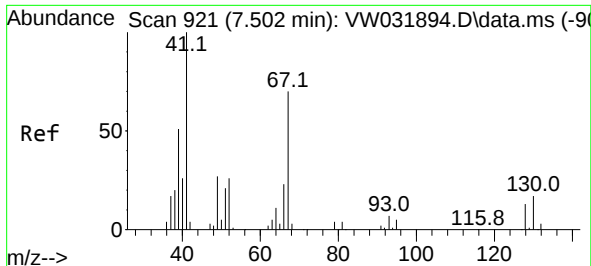
Tgt Ion: 78 Resp: 633967

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9

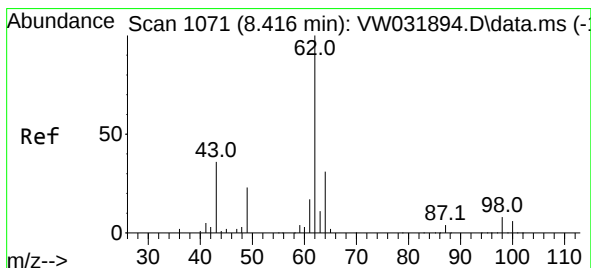
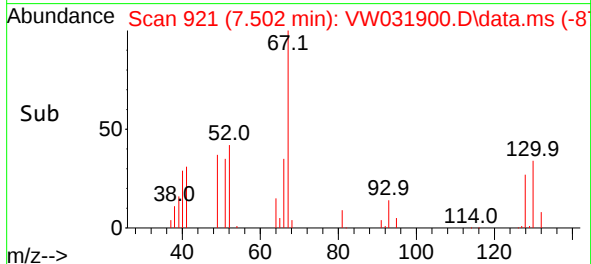
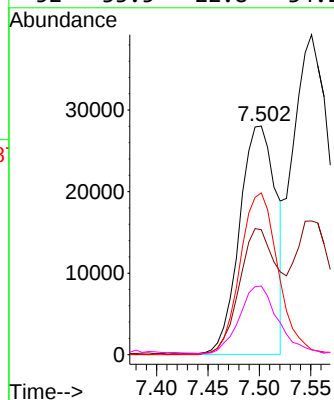
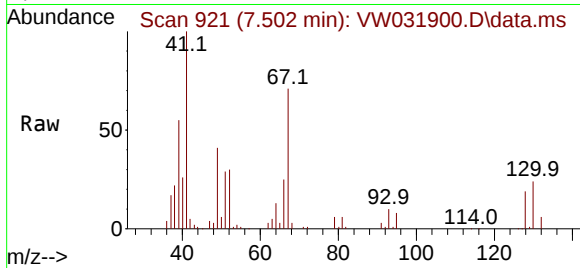




#41
Methacrylonitrile
Concen: 47.504 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

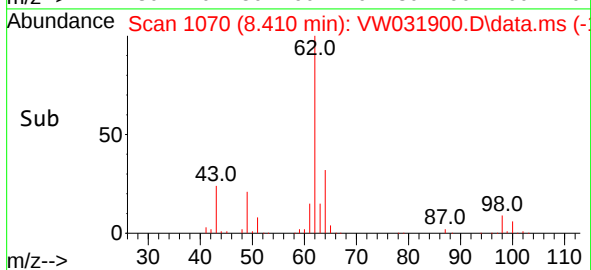
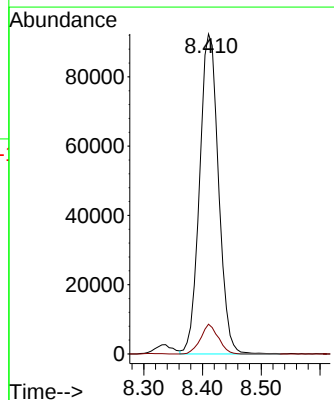
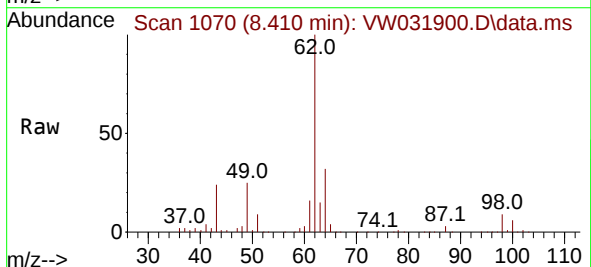
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

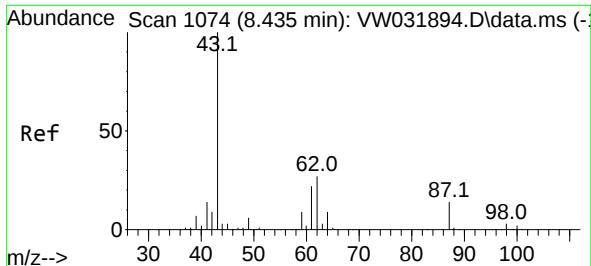
Tgt Ion:	41	Resp:	69319
Ion	Ratio	Lower	Upper
41	100		
39	59.5	41.1	61.7
67	74.5	56.2	84.4
52	33.5	22.8	34.2



#42
1,2-Dichloroethane
Concen: 51.096 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:	62	Resp:	206858
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2

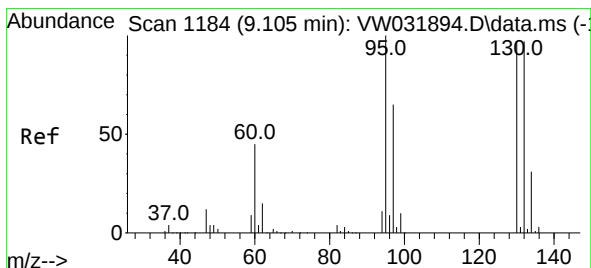
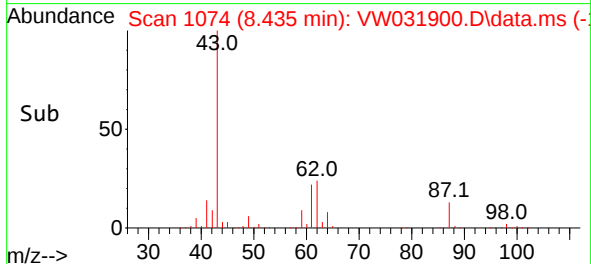
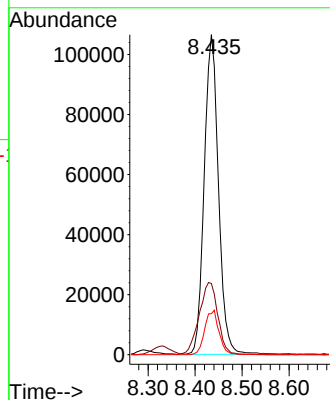
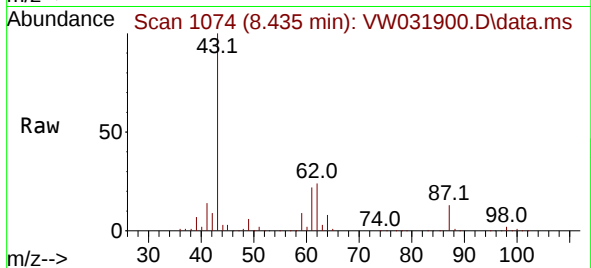




#43
Isopropyl Acetate
Concen: 50.703 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

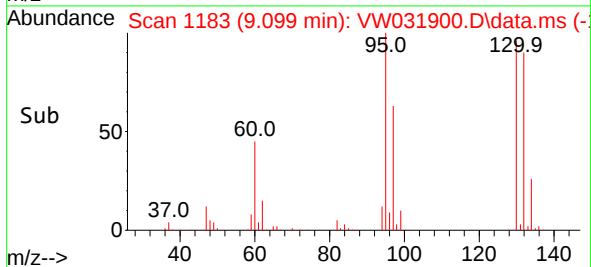
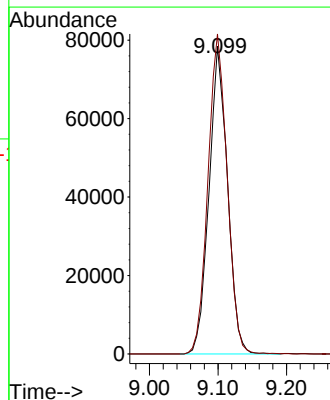
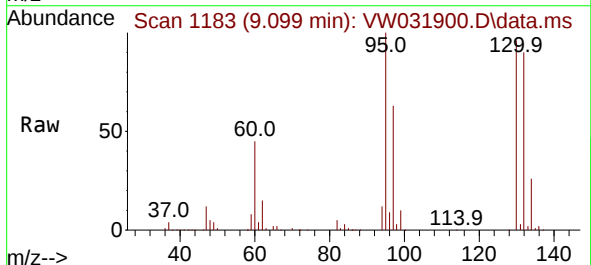
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

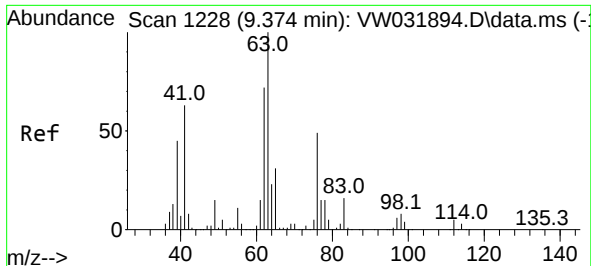
Tgt Ion: 43 Resp: 223752
Ion Ratio Lower Upper
43 100
61 29.7 24.0 36.0
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 48.970 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:130 Resp: 147239
Ion Ratio Lower Upper
130 100
95 104.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 49.889 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

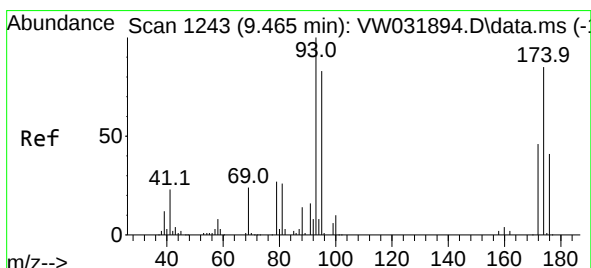
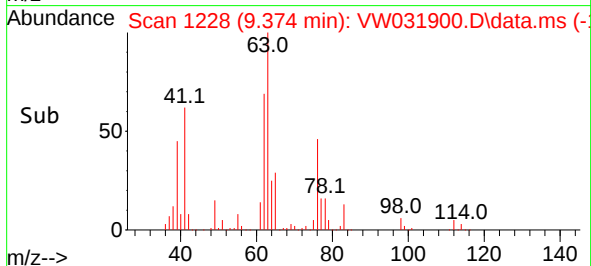
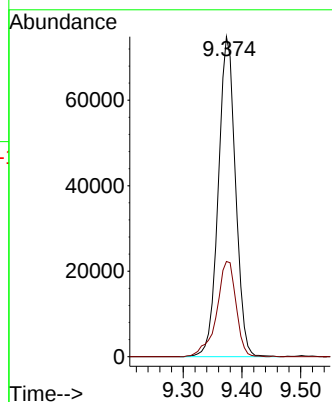
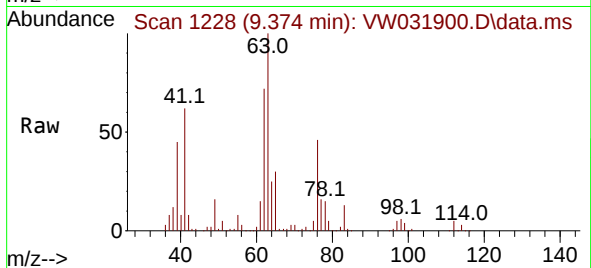
VSTDCCC050

Tgt Ion: 63 Resp: 151983

Ion Ratio Lower Upper

63 100

65 29.8 25.0 37.4



#46

Dibromomethane

Concen: 50.018 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

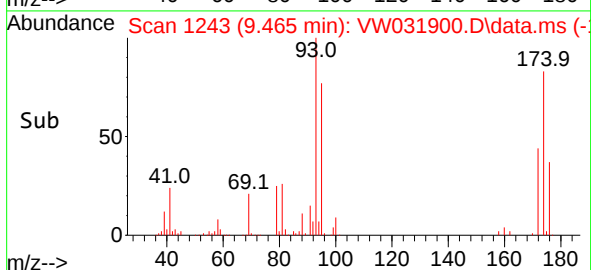
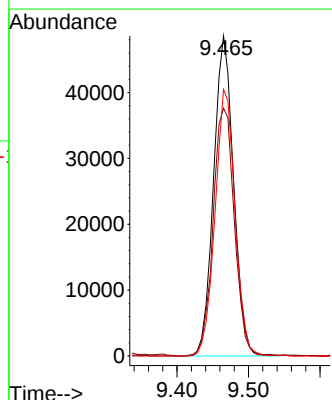
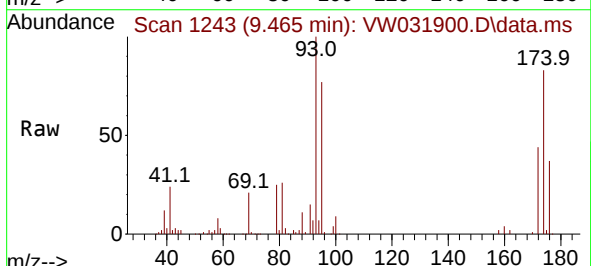
Tgt Ion: 93 Resp: 94456

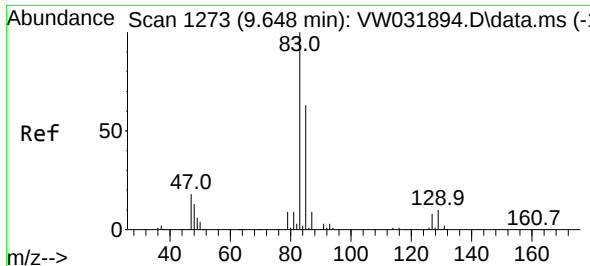
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.6

174 83.4 70.2 105.2

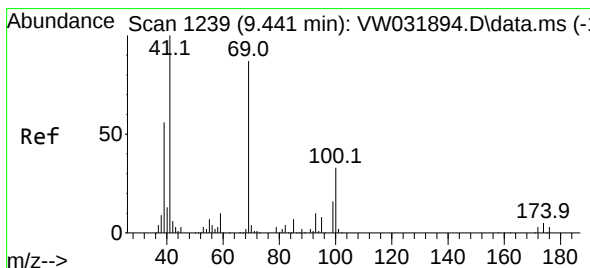
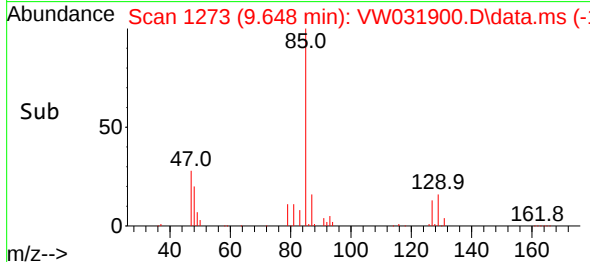
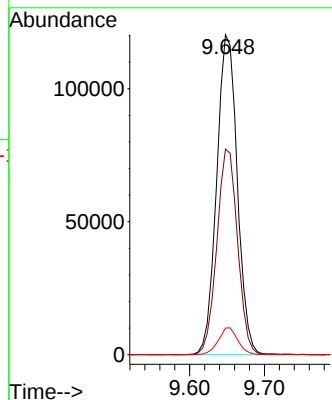
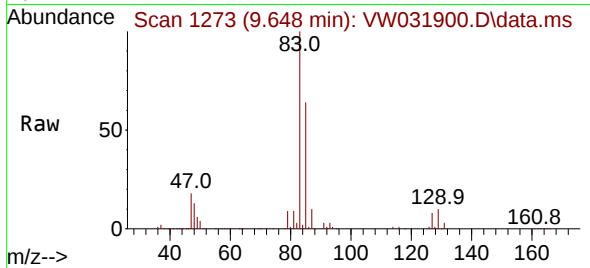




#47
Bromodichloromethane
Concen: 51.053 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

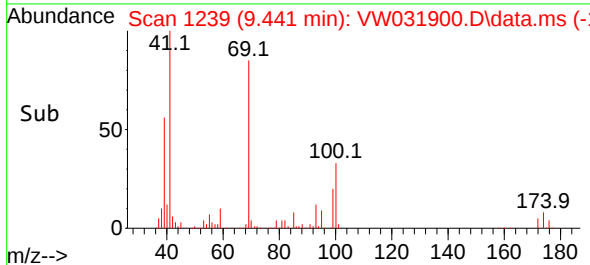
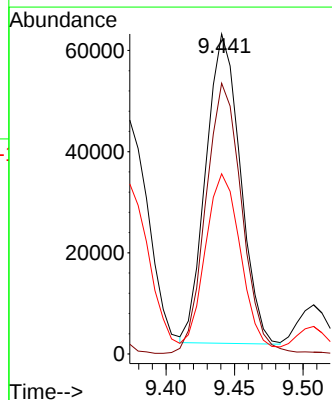
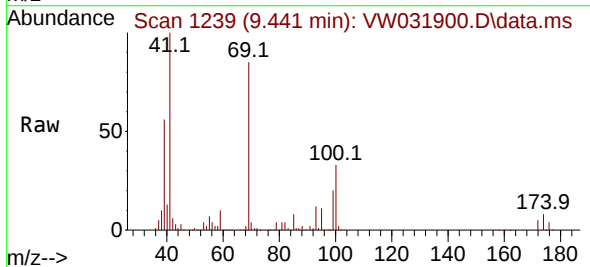
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

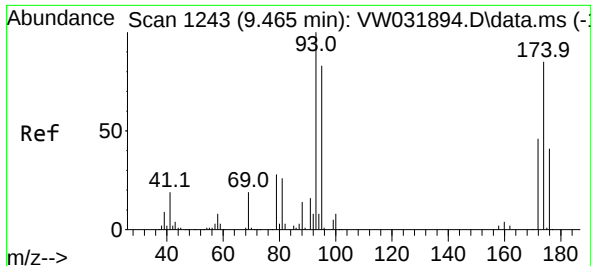
Tgt Ion: 83 Resp: 231184
Ion Ratio Lower Upper
83 100
85 64.3 50.6 76.0
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 50.865 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 41 Resp: 106791
Ion Ratio Lower Upper
41 100
69 91.7 73.6 110.4
39 56.1 45.5 68.3

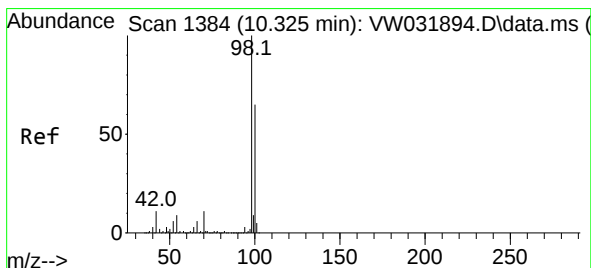
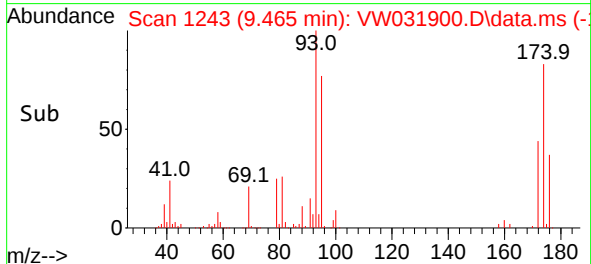
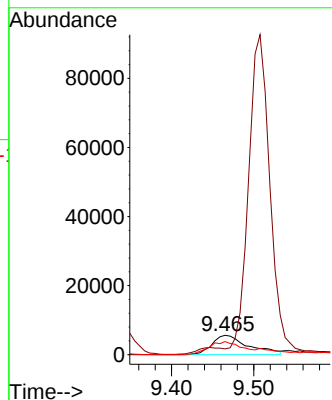
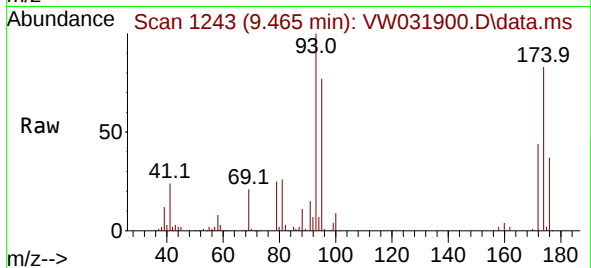




#49
1,4-Dioxane
Concen: 918.404 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

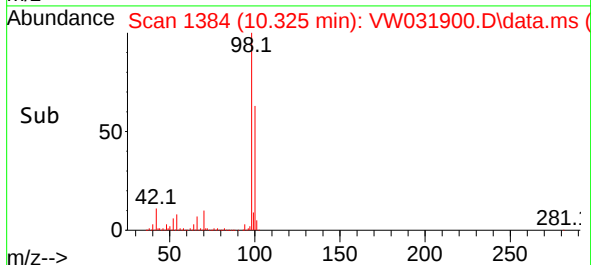
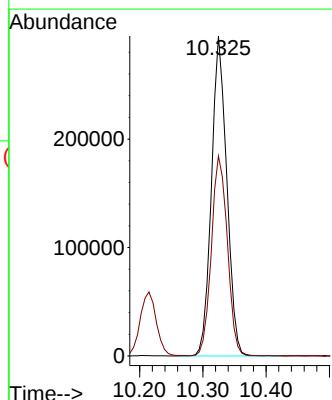
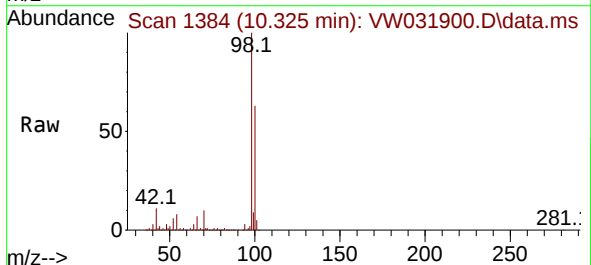
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

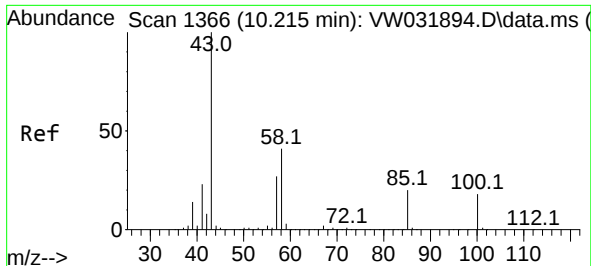
Tgt Ion: 88 Resp: 17306
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.4#
58 61.7 58.2 87.2



#50
Toluene-d8
Concen: 47.047 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 98 Resp: 495451
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5

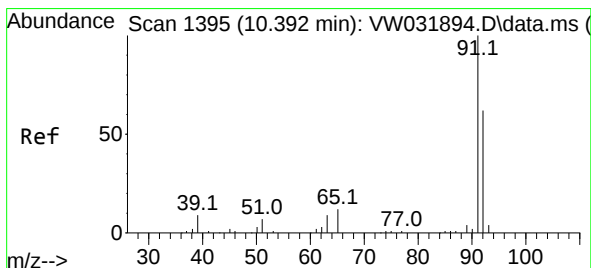
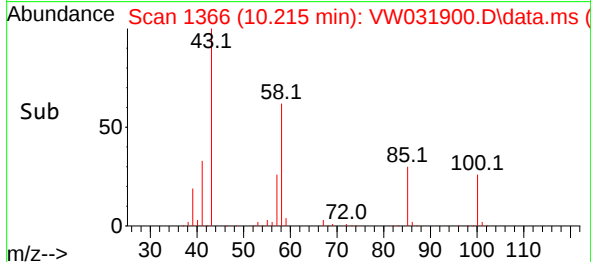
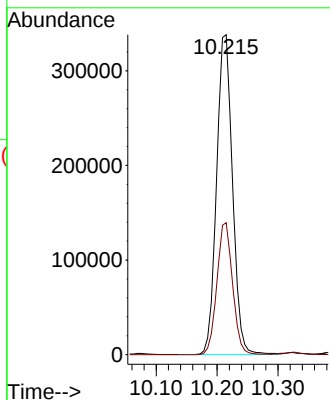
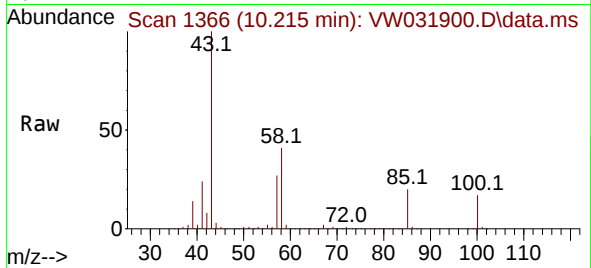




#51
4-Methyl-2-Pentanone
Concen: 254.833 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

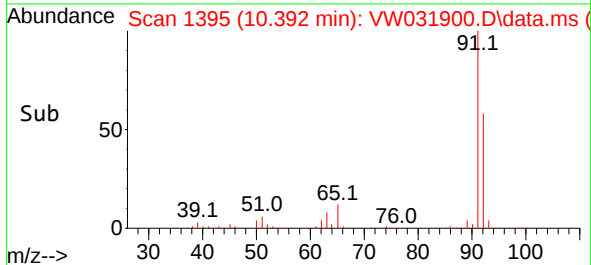
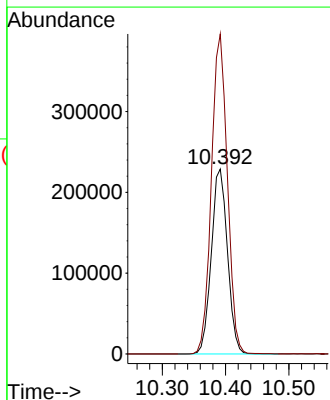
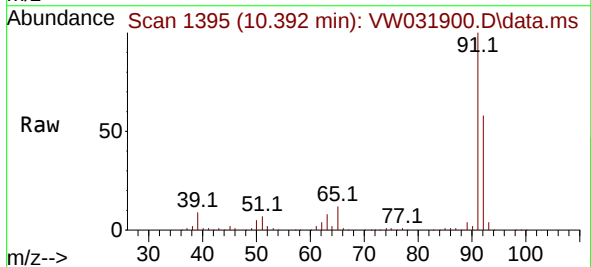
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

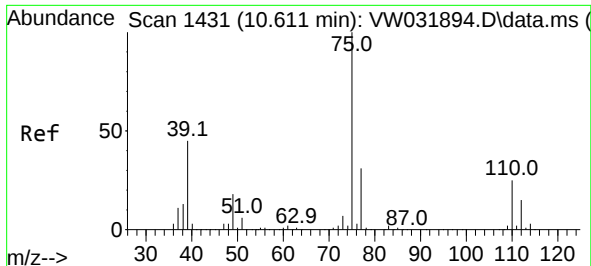
Tgt Ion: 43 Resp: 615450
Ion Ratio Lower Upper
43 100
58 40.6 32.8 49.2



#52
Toluene
Concen: 49.838 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 92 Resp: 405262
Ion Ratio Lower Upper
92 100
91 170.8 133.7 200.5

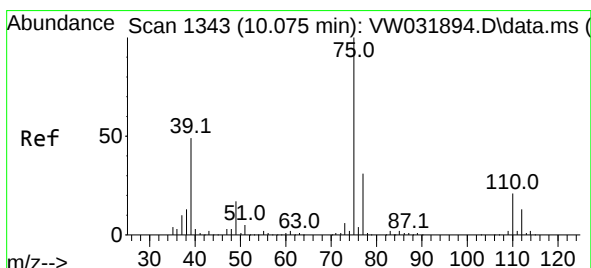
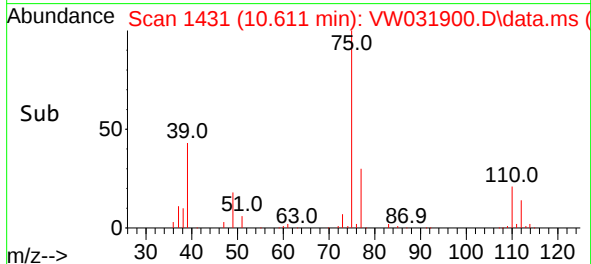
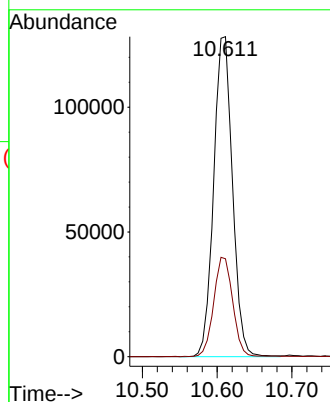
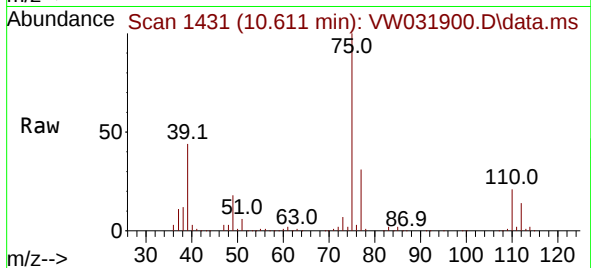




#53
t-1,3-Dichloropropene
Concen: 51.769 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

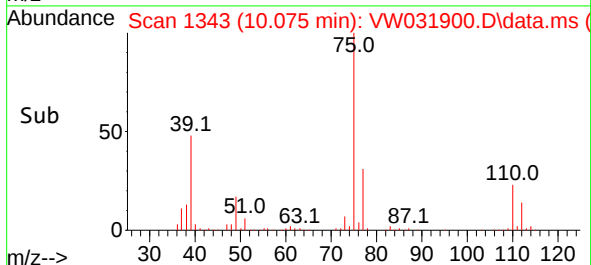
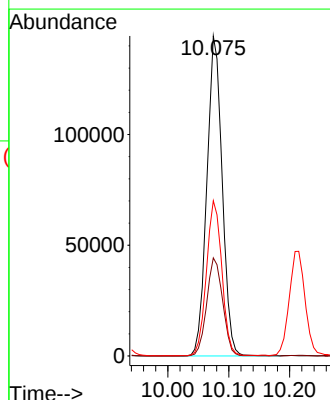
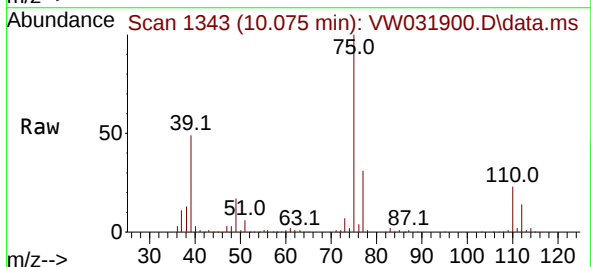
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

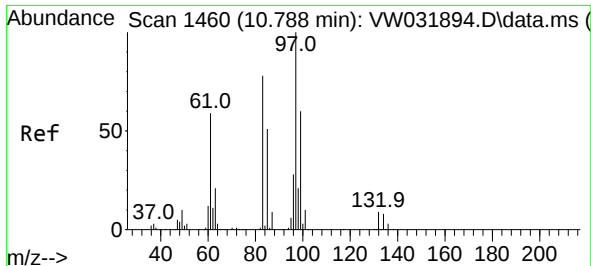
Tgt Ion: 75 Resp: 224875
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 50.972 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 75 Resp: 252855
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 48.4 39.3 58.9

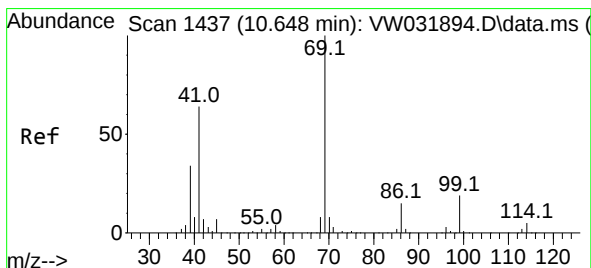
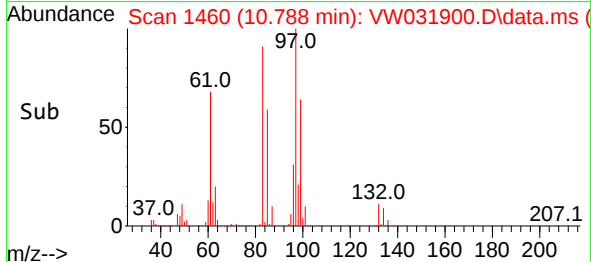
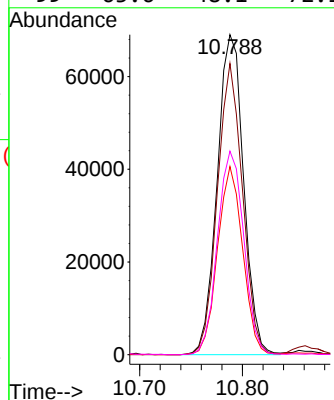
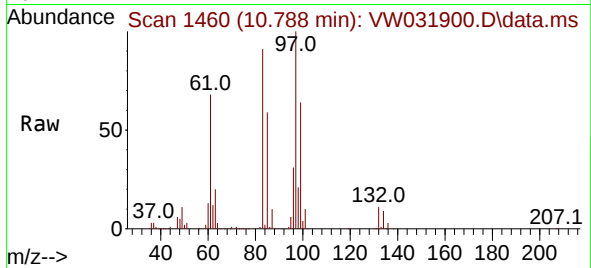




#55
1,1,2-Trichloroethane
Concen: 49.126 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

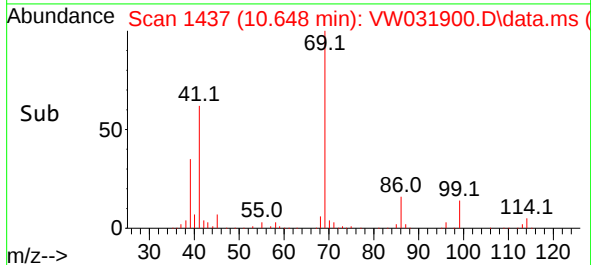
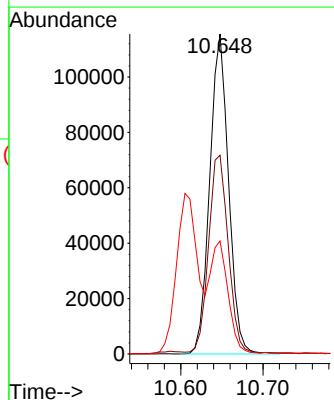
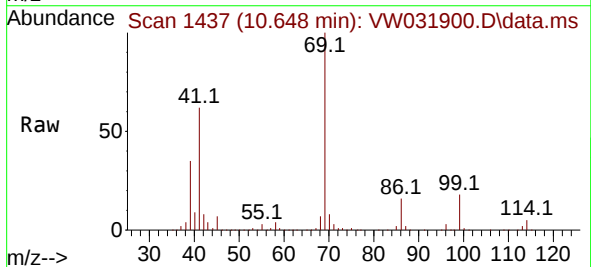
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

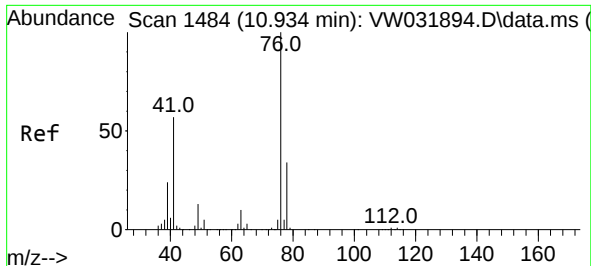
Tgt Ion:	97	Resp:	123230
Ion	Ratio	Lower	Upper
97	100		
83	91.0	62.4	93.6
85	58.8	41.0	61.6
99	63.6	48.1	72.1



#56
Ethyl methacrylate
Concen: 51.840 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:	69	Resp:	183657
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.0	78.0
39	32.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 50.287 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

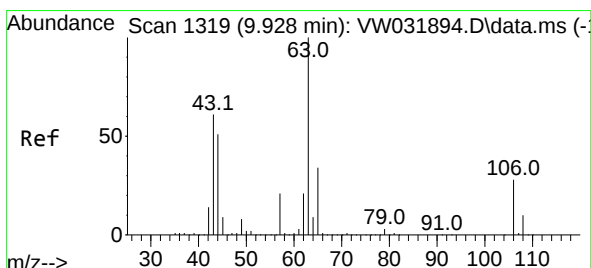
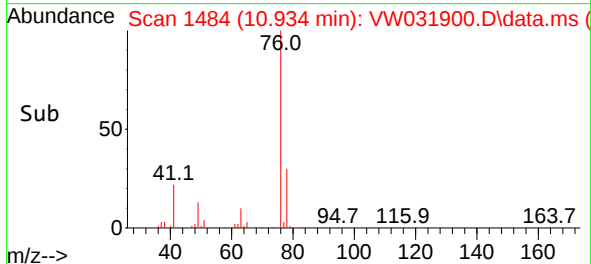
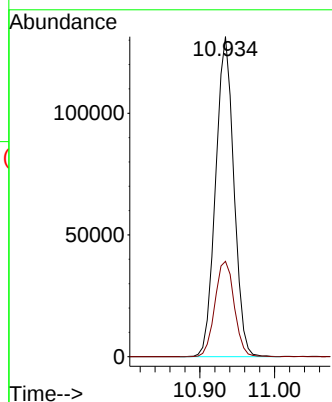
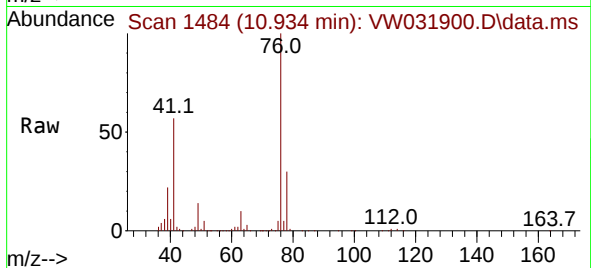
VSTDCCC050

Tgt Ion: 76 Resp: 222232

Ion Ratio Lower Upper

76 100

78 31.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 255.506 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031900.D

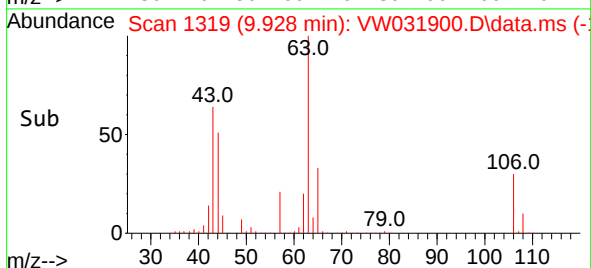
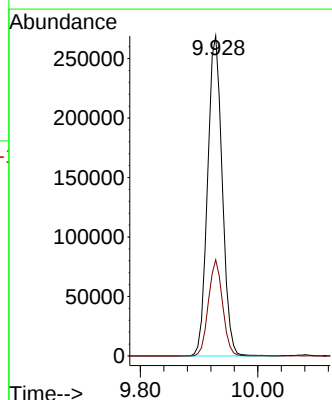
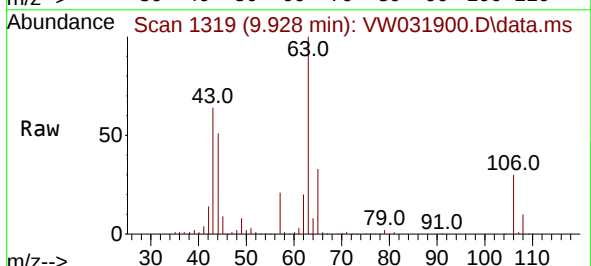
Acq: 23 Jul 2025 09:07

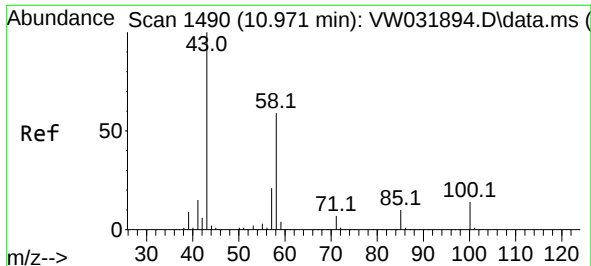
Tgt Ion: 63 Resp: 464954

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1





#59

2-Hexanone

Concen: 258.903 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

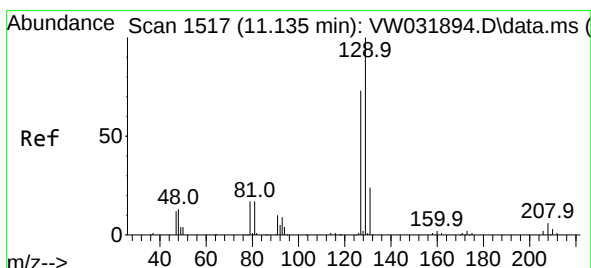
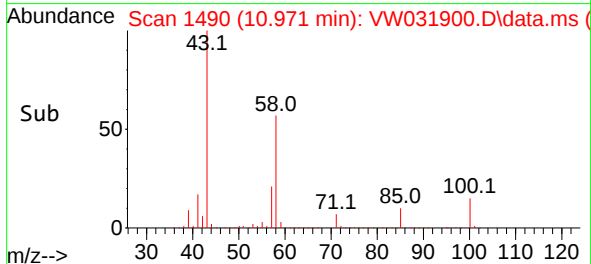
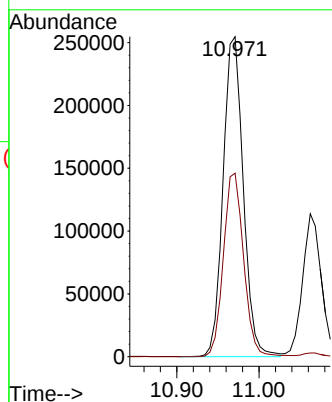
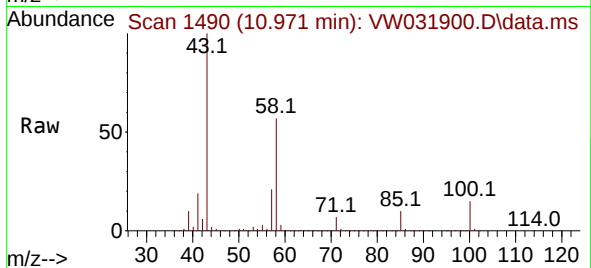
VSTDCCC050

Tgt Ion: 43 Resp: 434630

Ion Ratio Lower Upper

43 100

58 57.5 28.5 85.6



#60

Dibromochloromethane

Concen: 52.395 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW031900.D

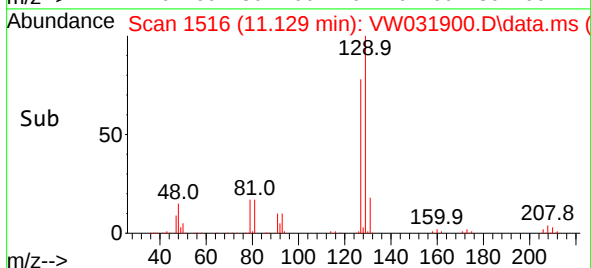
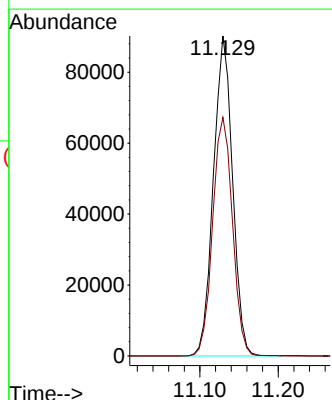
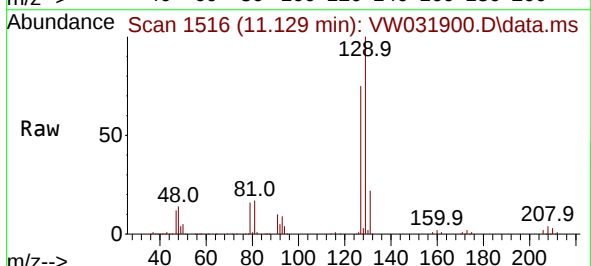
Acq: 23 Jul 2025 09:07

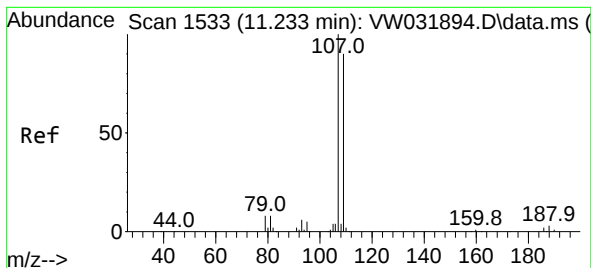
Tgt Ion:129 Resp: 153239

Ion Ratio Lower Upper

129 100

127 77.2 39.6 118.8

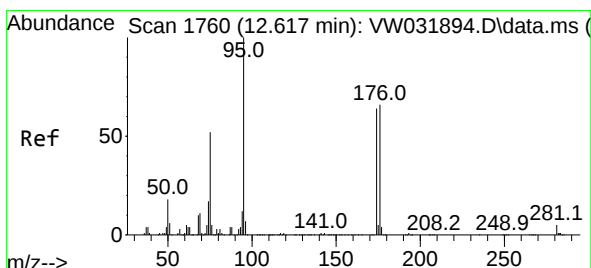
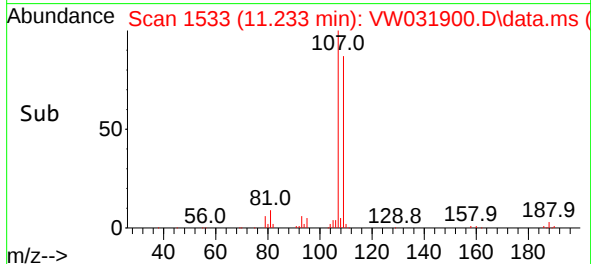
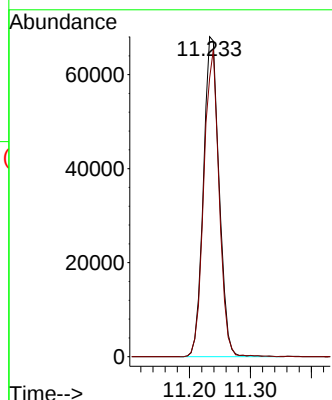
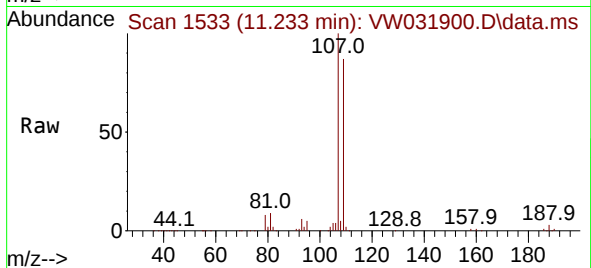




#61
1,2-Dibromoethane
Concen: 49.213 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

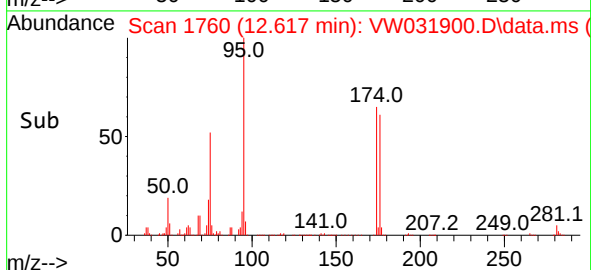
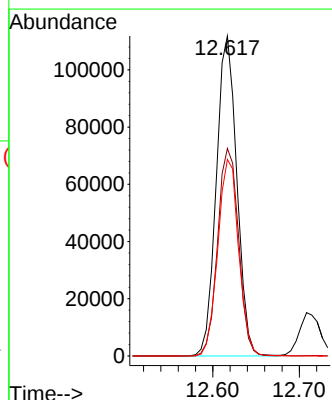
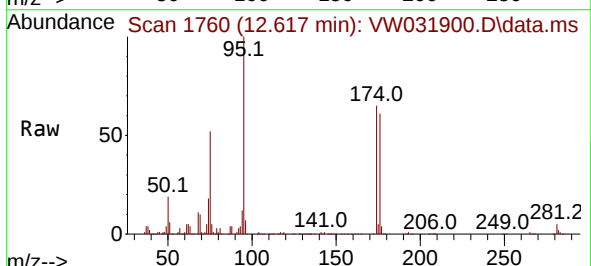
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

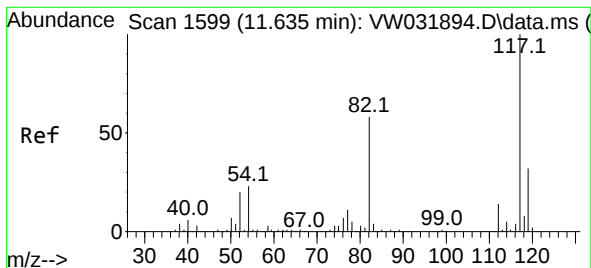
Tgt Ion:107 Resp: 121982
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 45.572 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 95 Resp: 184279
Ion Ratio Lower Upper
95 100
174 65.9 0.0 129.8
176 62.4 0.0 130.4

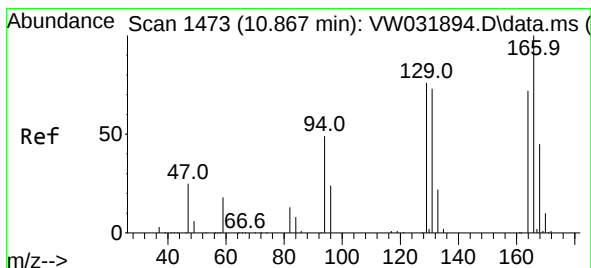
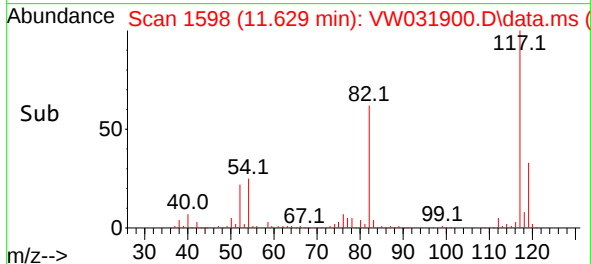
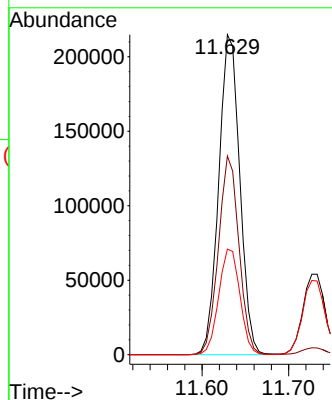
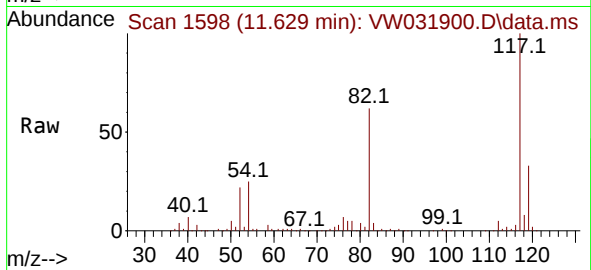




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

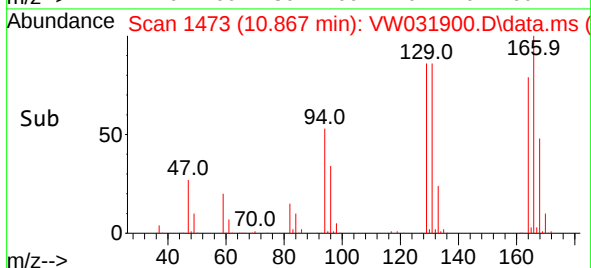
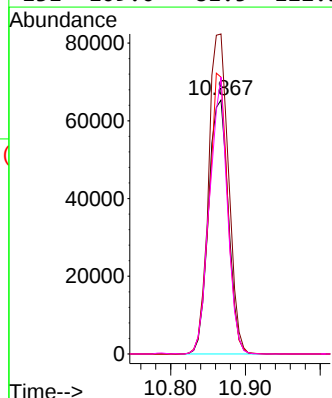
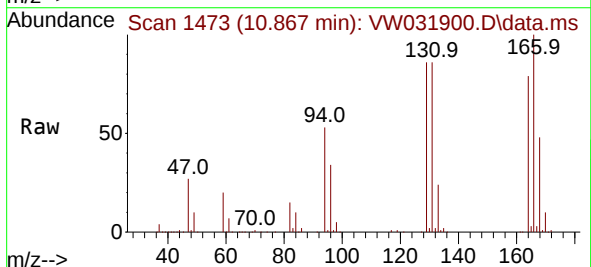
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 362940
Ion Ratio Lower Upper
117 100
82 62.1 46.5 69.7
119 33.0 25.8 38.6



#64
Tetrachloroethene
Concen: 50.312 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:164 Resp: 120392
Ion Ratio Lower Upper
164 100
166 126.0 111.5 167.3
129 109.0 85.1 127.7
131 109.0 81.5 122.3

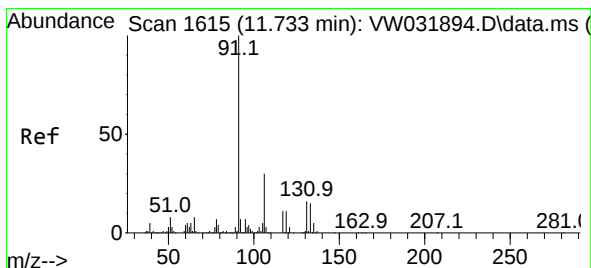
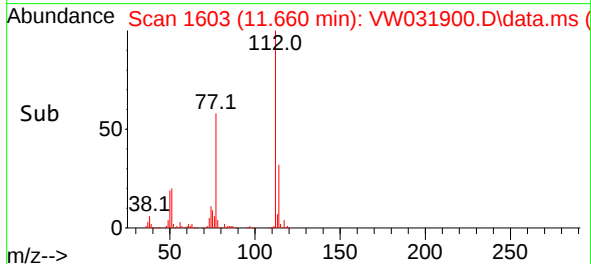
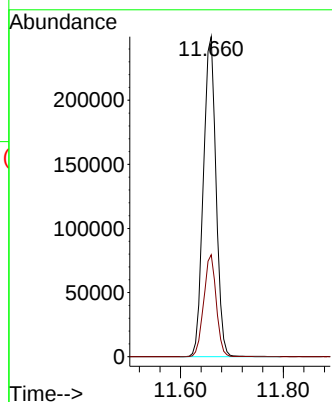
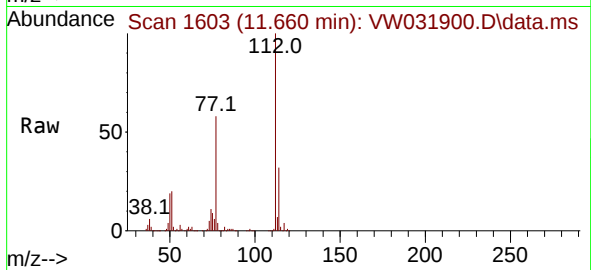




#65
Chlorobenzene
Concen: 47.936 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

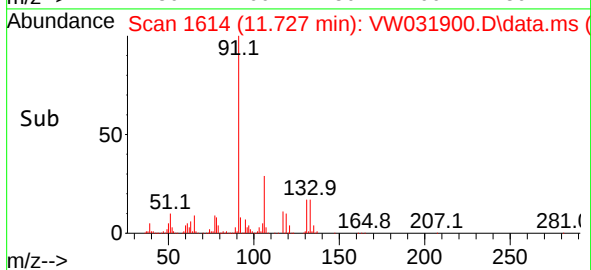
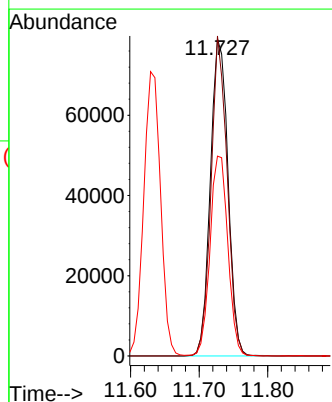
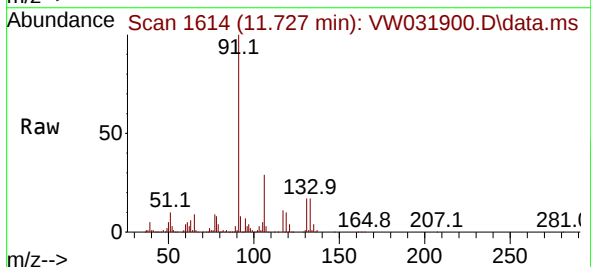
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

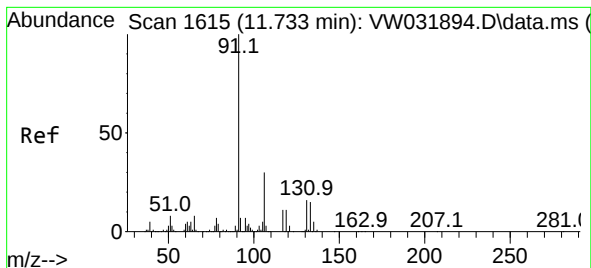
Tgt Ion:112 Resp: 425800
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.316 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:131 Resp: 141312
Ion Ratio Lower Upper
131 100
133 92.6 48.1 144.4
119 63.9 33.7 101.1

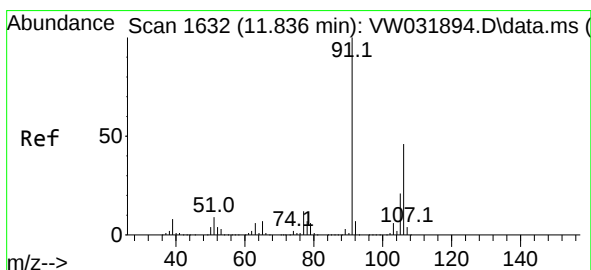
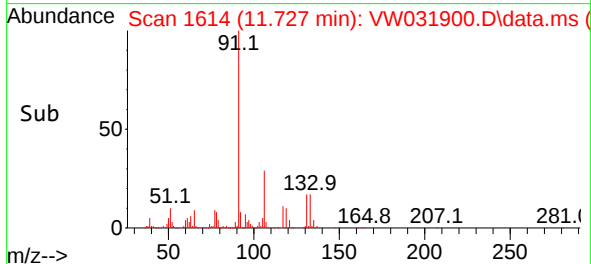
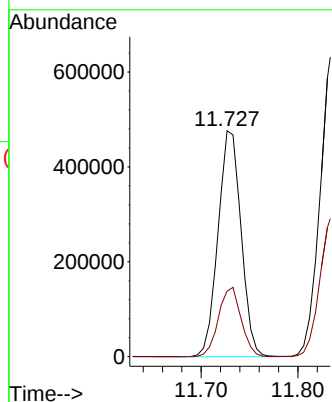
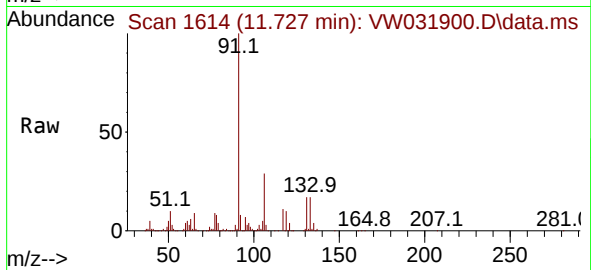




#67
Ethyl Benzene
Concen: 50.360 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

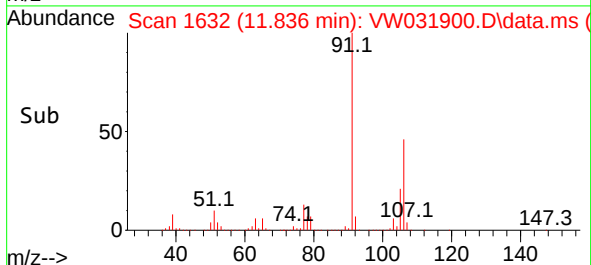
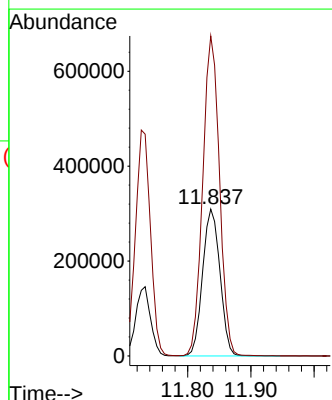
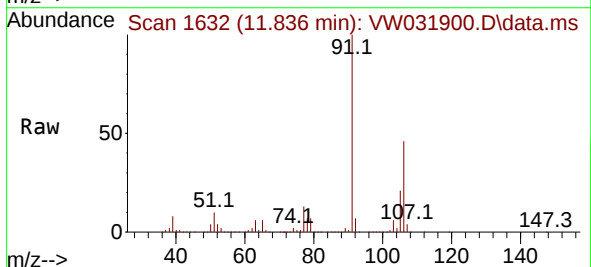
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

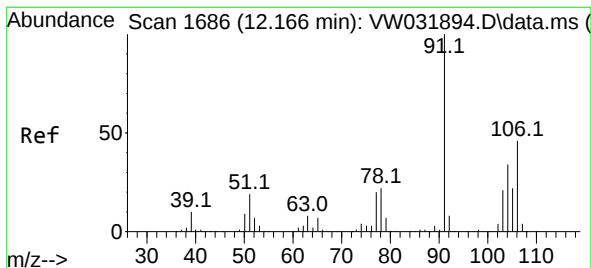
Tgt Ion: 91 Resp: 785972
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.6



#68
m/p-Xylenes
Concen: 100.513 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:106 Resp: 590550
Ion Ratio Lower Upper
106 100
91 211.0 167.7 251.5





#69

o-Xylene

Concen: 50.757 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

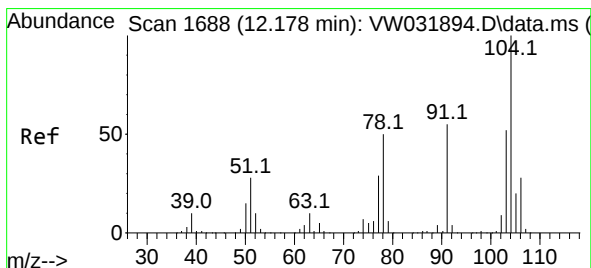
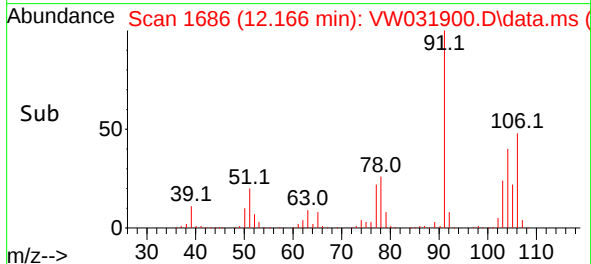
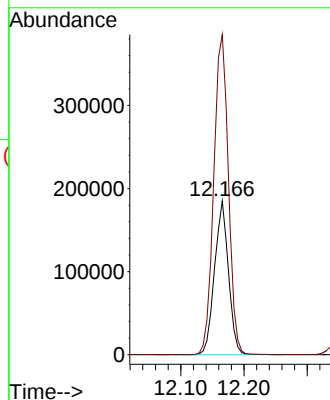
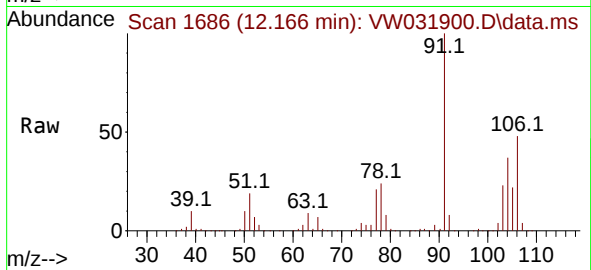
VSTDCCC050

Tgt Ion:106 Resp: 282221

Ion Ratio Lower Upper

106 100

91 218.8 108.2 324.6



#70

Styrene

Concen: 50.941 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

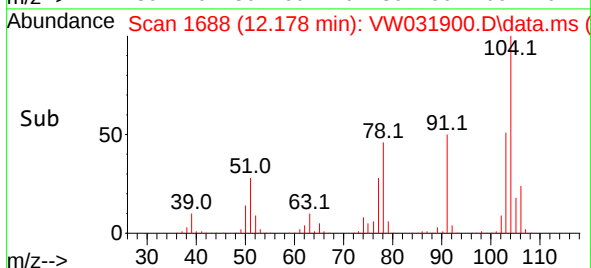
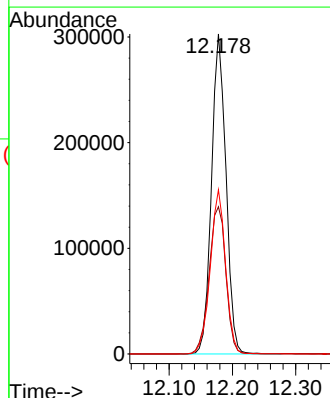
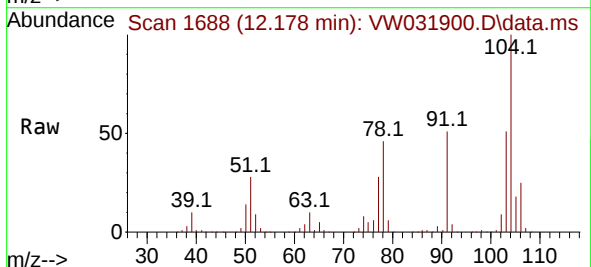
Tgt Ion:104 Resp: 482249

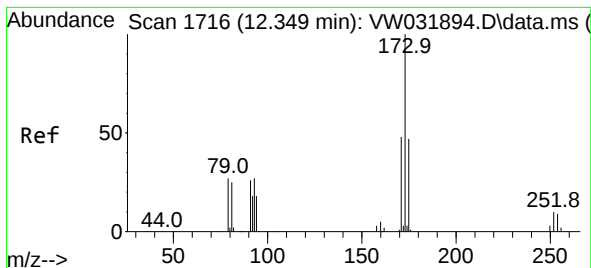
Ion Ratio Lower Upper

104 100

78 53.3 42.2 63.4

103 54.2 42.8 64.2





#71

Bromoform

Concen: 50.545 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

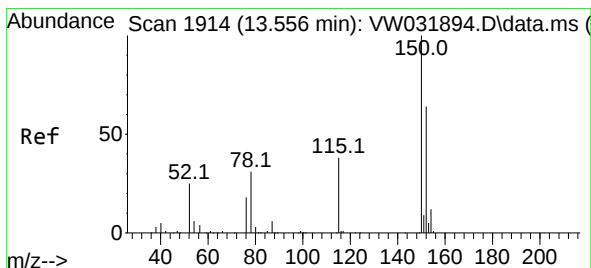
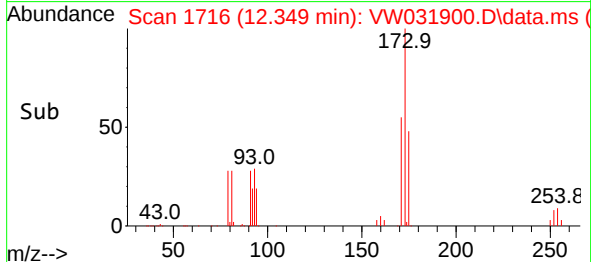
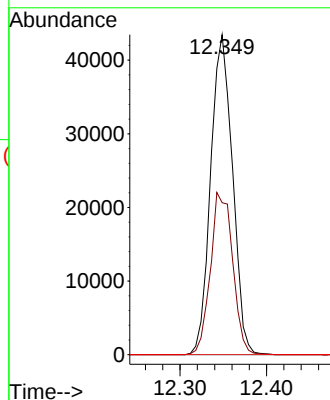
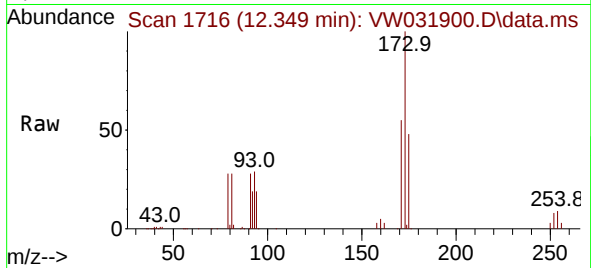
Tgt Ion:173 Resp: 76122

Ion Ratio Lower Upper

173 100

175 51.7 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

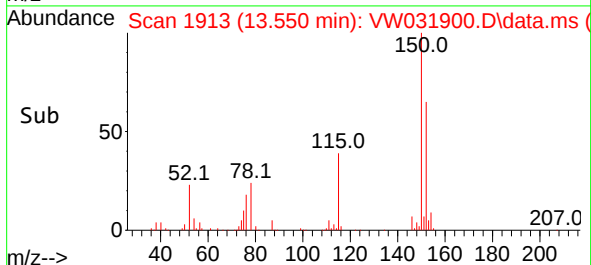
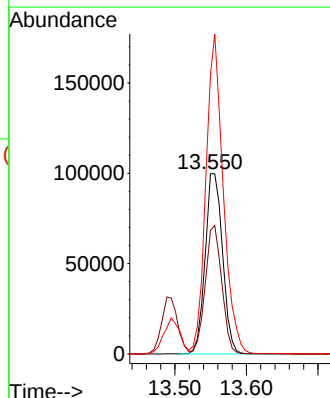
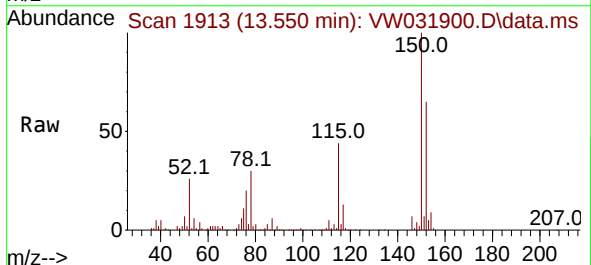
Tgt Ion:152 Resp: 168882

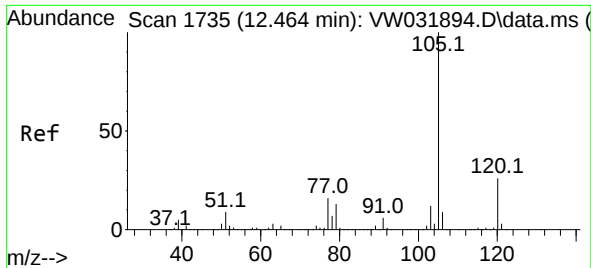
Ion Ratio Lower Upper

152 100

115 67.4 33.4 100.1

150 176.2 0.0 352.2

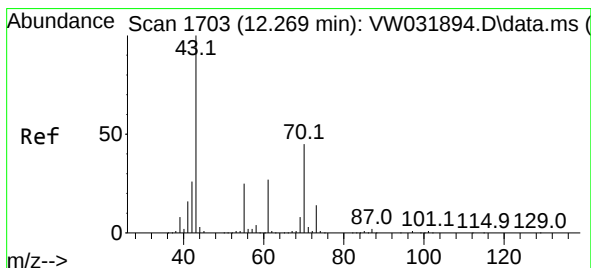
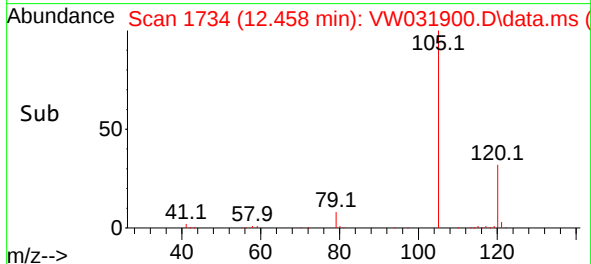
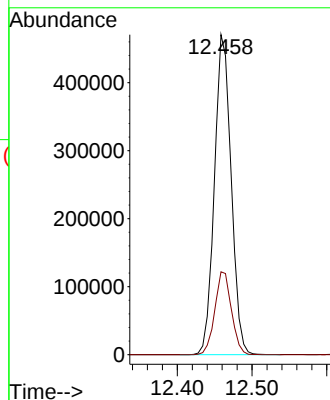
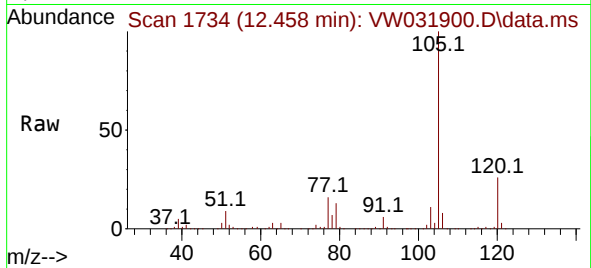




#73
Isopropylbenzene
Concen: 49.959 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

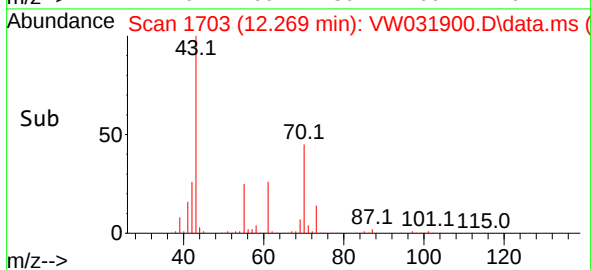
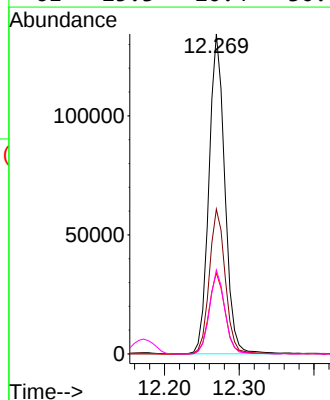
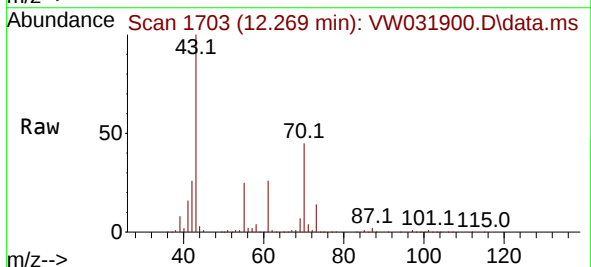
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

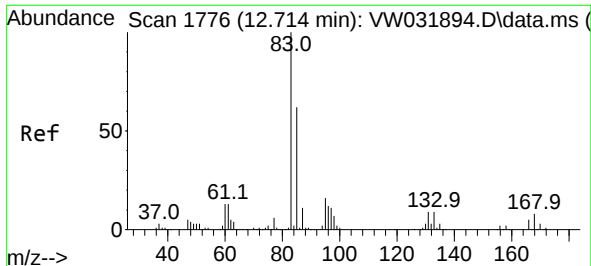
Tgt Ion:105 Resp: 732068
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8



#74
N-ethyl acetate
Concen: 50.062 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 43 Resp: 198317
Ion Ratio Lower Upper
43 100
70 45.7 36.6 55.0
55 25.8 20.7 31.1
61 25.3 20.4 30.6

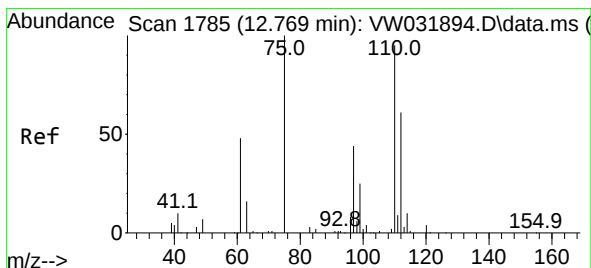
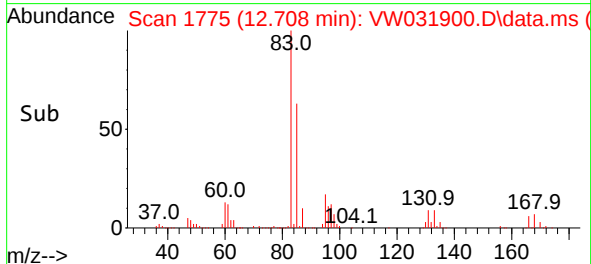
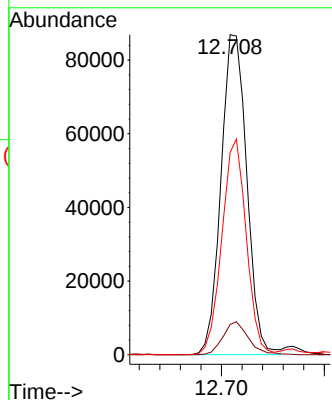
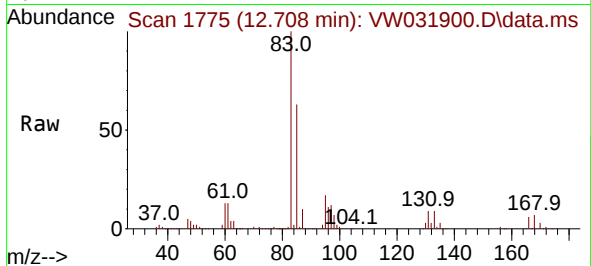




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.693 ug/l
 RT: 12.708 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

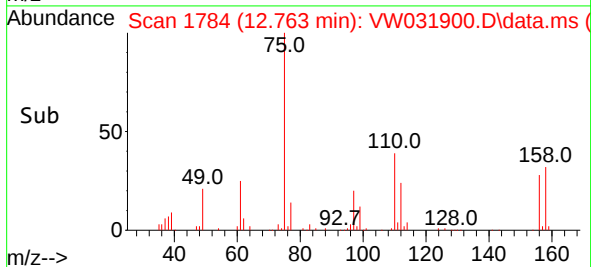
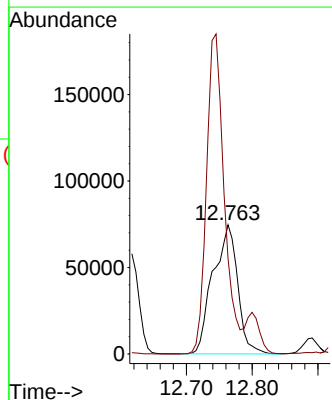
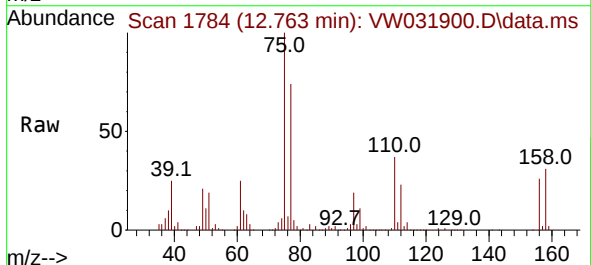
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

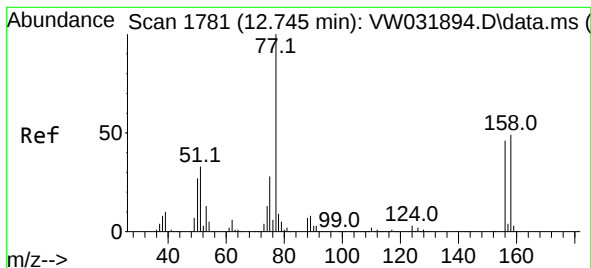
Tgt Ion: 83 Resp: 151452
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 63.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 83.548 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. -0.006 min
 Lab File: VW031900.D
 Acq: 23 Jul 2025 09:07

Tgt Ion: 75 Resp: 194807
 Ion Ratio Lower Upper
 75 100
 77 177.8 0.0 0.0#





#77

Bromobenzene

Concen: 48.667 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

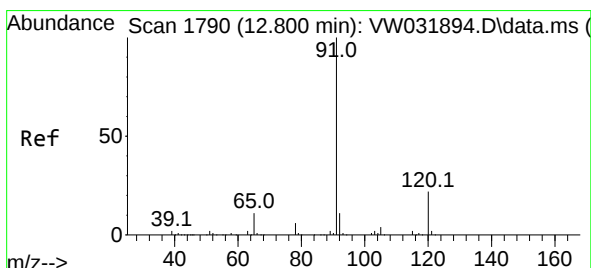
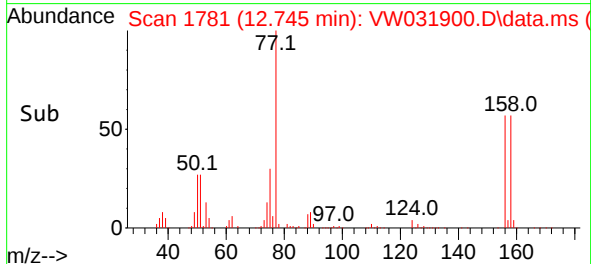
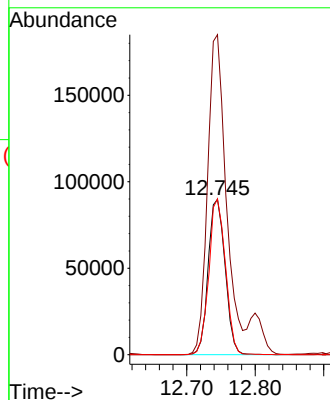
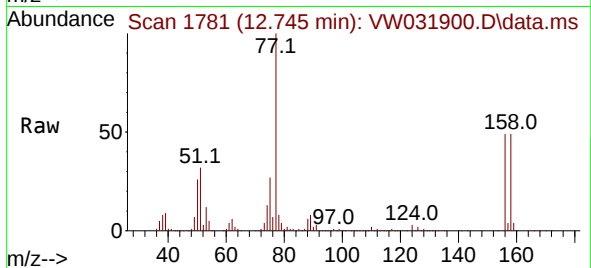
Tgt Ion:156 Resp: 154299

Ion Ratio Lower Upper

156 100

77 224.5 115.3 345.8

158 98.7 50.1 150.3



#78

n-propylbenzene

Concen: 48.866 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031900.D

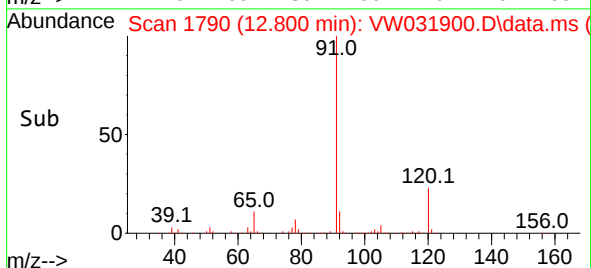
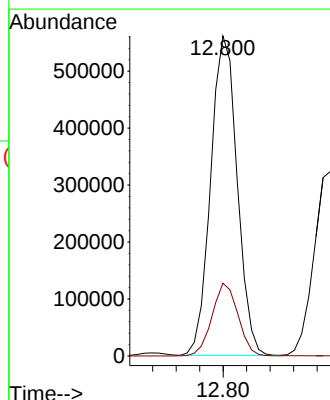
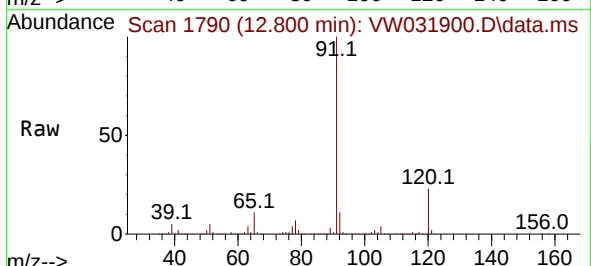
Acq: 23 Jul 2025 09:07

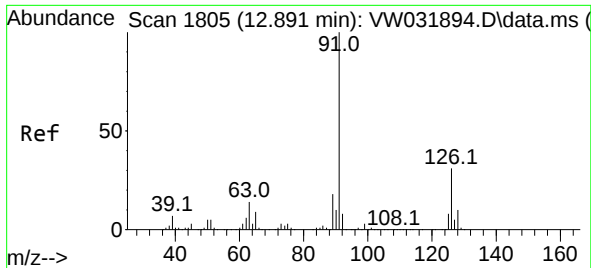
Tgt Ion: 91 Resp: 879440

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.6

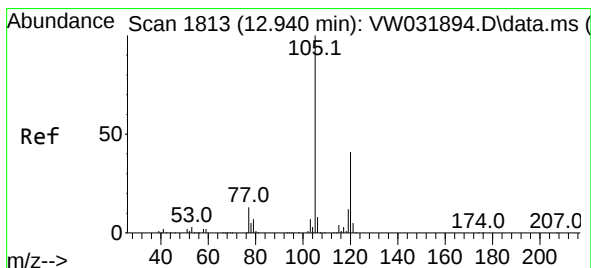
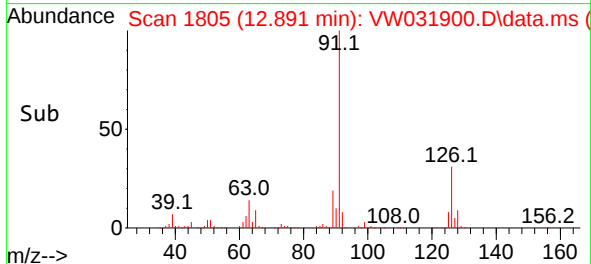
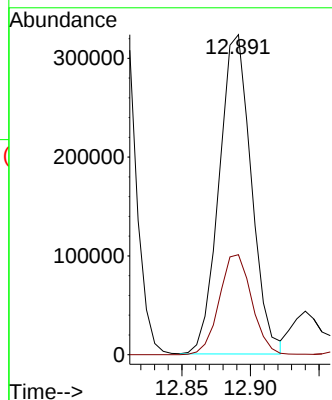
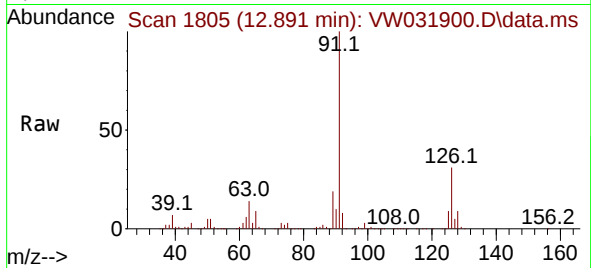




#79
2-Chlorotoluene
Concen: 49.200 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

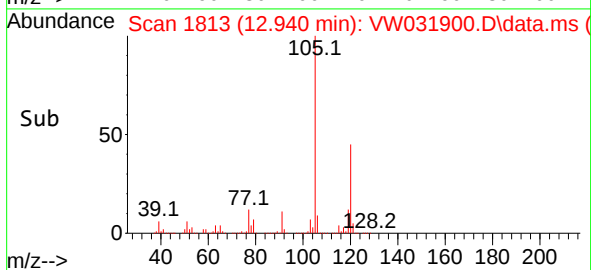
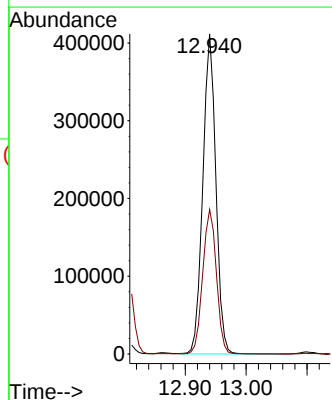
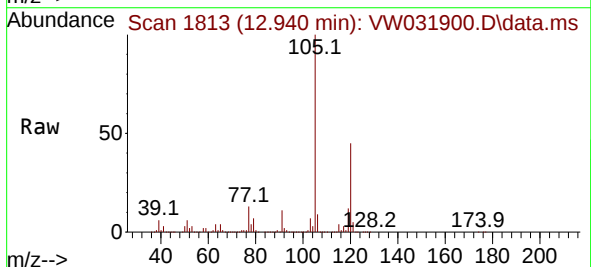
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

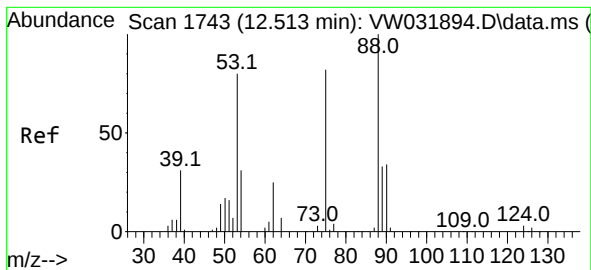
Tgt Ion: 91 Resp: 528668
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 49.773 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 105 Resp: 611684
Ion Ratio Lower Upper
105 100
120 47.4 23.5 70.5

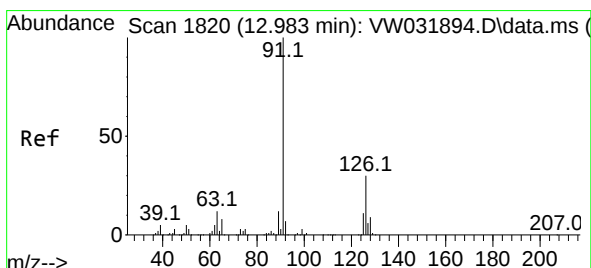
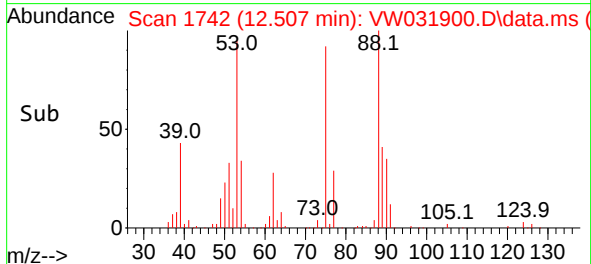
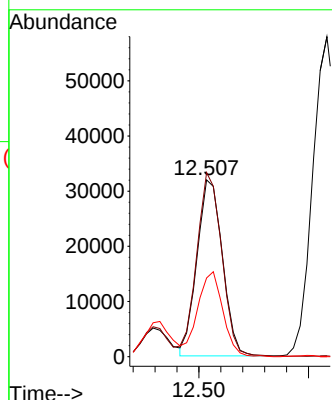
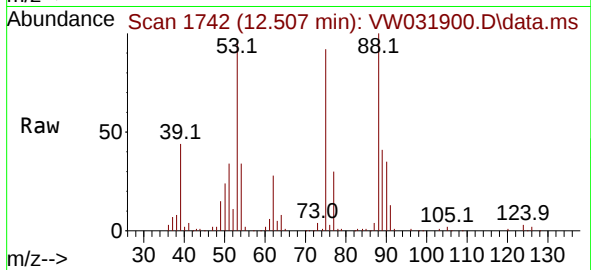




#81
trans-1,4-Dichloro-2-butene
Concen: 51.058 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

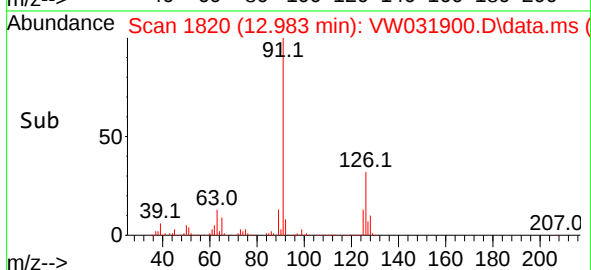
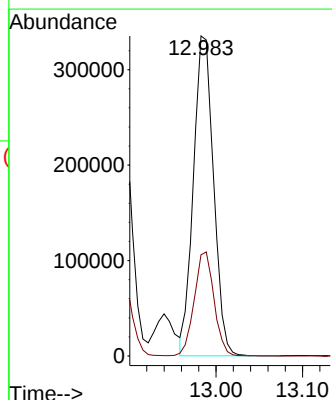
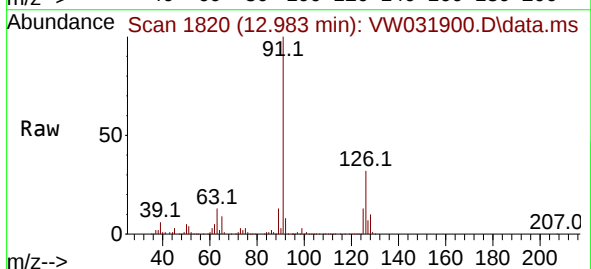
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

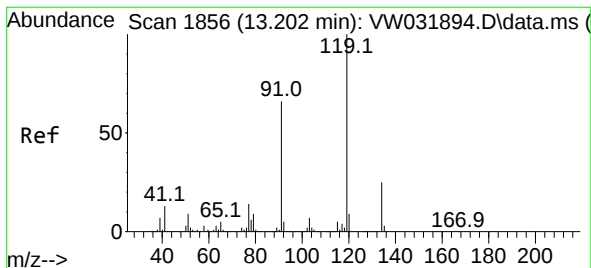
Tgt Ion:	75	Resp:	51566
Ion	Ratio	Lower	Upper
75	100		
53	103.7	83.7	125.5
89	48.0	39.0	58.6



#82
4-Chlorotoluene
Concen: 48.019 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:	91	Resp:	541303
Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.8	47.3

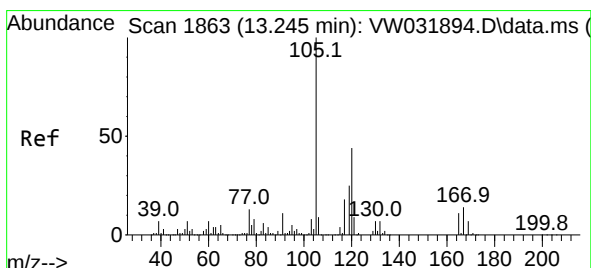
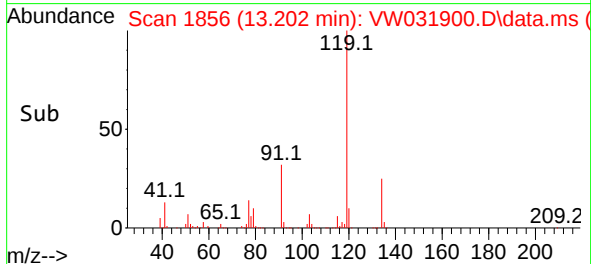
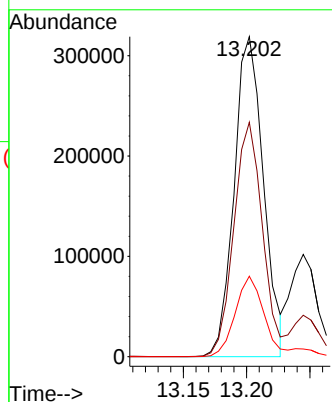
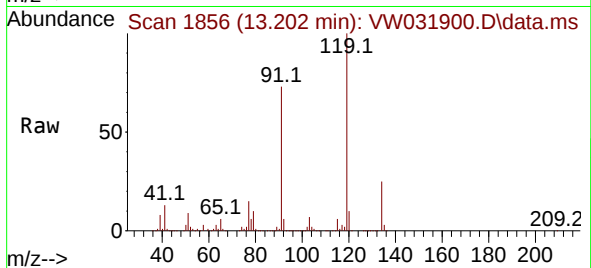




#83
tert-Butylbenzene
Concen: 49.158 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

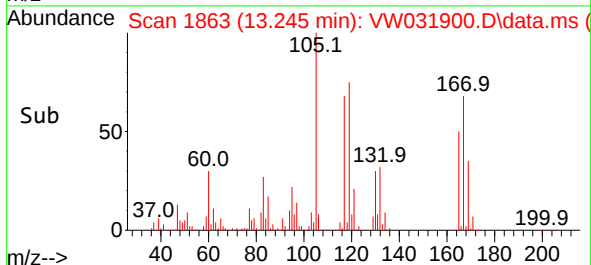
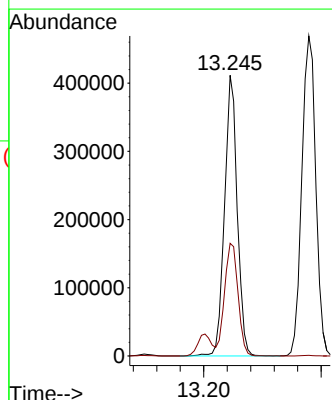
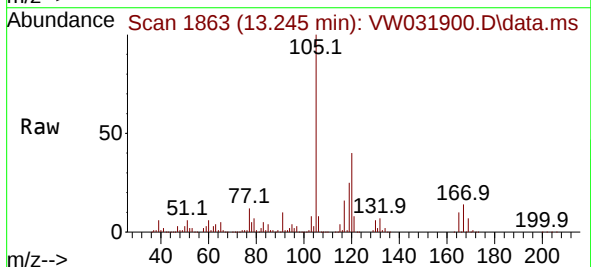
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

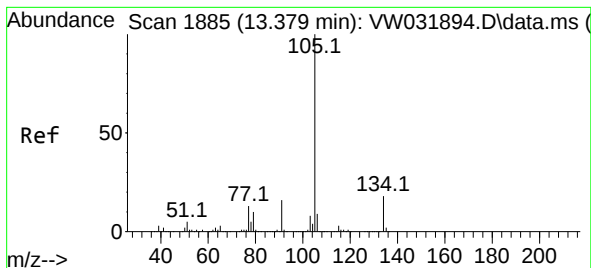
Tgt Ion:119 Resp: 514600
Ion Ratio Lower Upper
119 100
91 71.2 35.5 106.5
134 24.6 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 49.671 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:105 Resp: 617855
Ion Ratio Lower Upper
105 100
120 42.5 21.3 63.9





#85

sec-Butylbenzene

Concen: 48.967 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

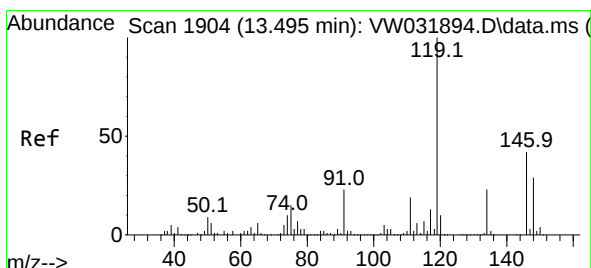
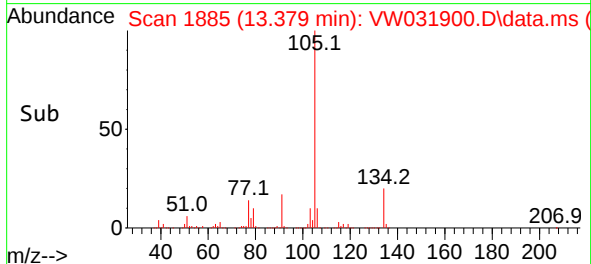
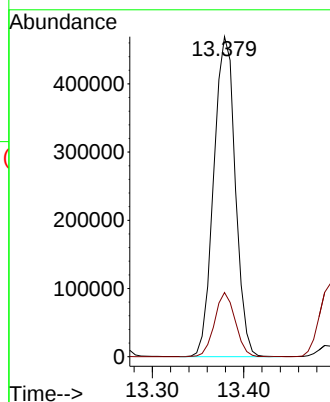
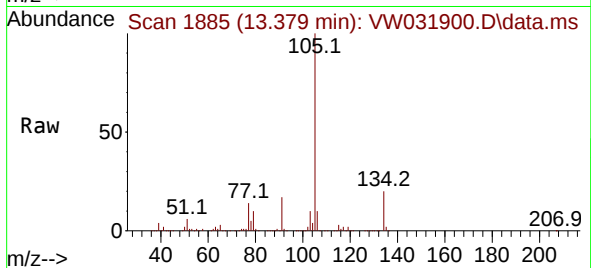
VSTDCCC050

Tgt Ion:105 Resp: 769786

Ion Ratio Lower Upper

105 100

134 19.2 9.2 27.6



#86

p-Isopropyltoluene

Concen: 48.815 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

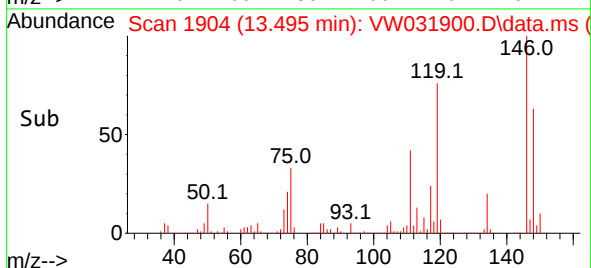
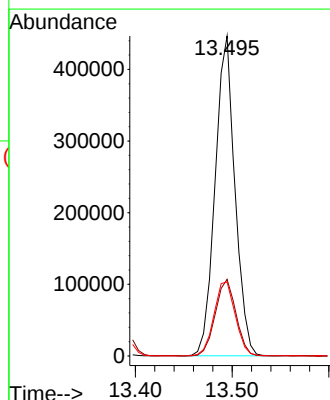
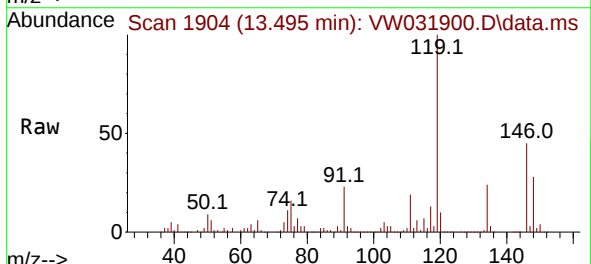
Tgt Ion:119 Resp: 634293

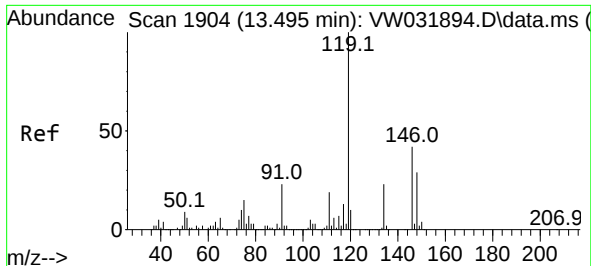
Ion Ratio Lower Upper

119 100

134 24.9 13.0 39.0

91 24.9 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 46.241 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

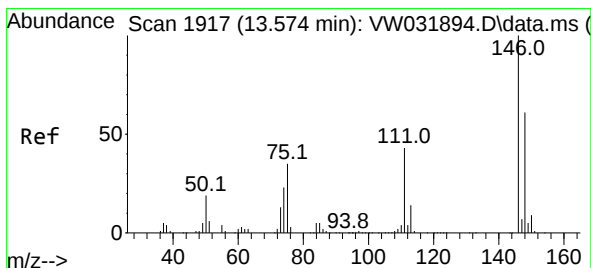
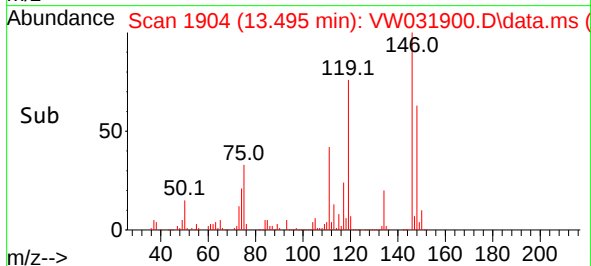
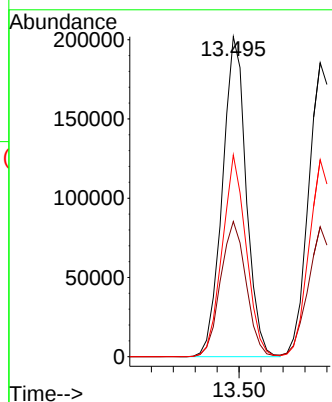
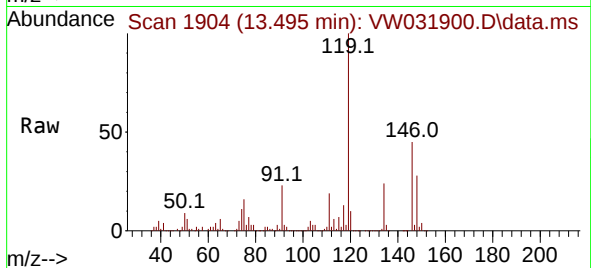
Tgt Ion:146 Resp: 305176

Ion Ratio Lower Upper

146 100

111 45.1 21.9 65.7

148 63.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.722 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

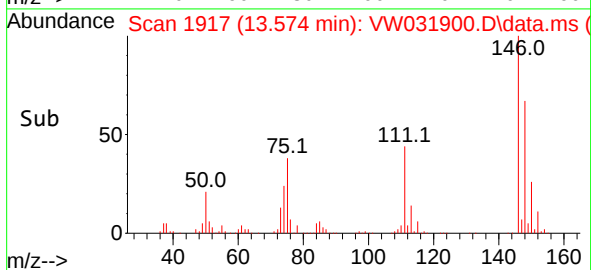
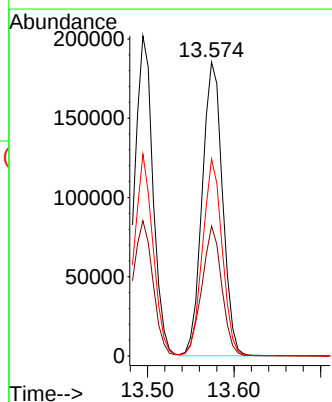
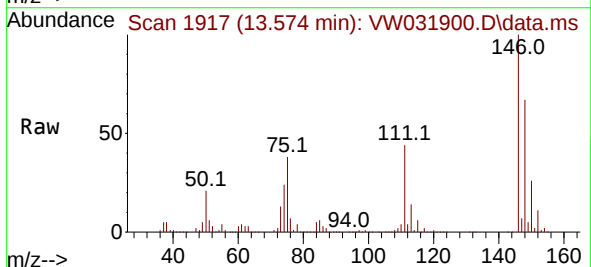
Tgt Ion:146 Resp: 302064

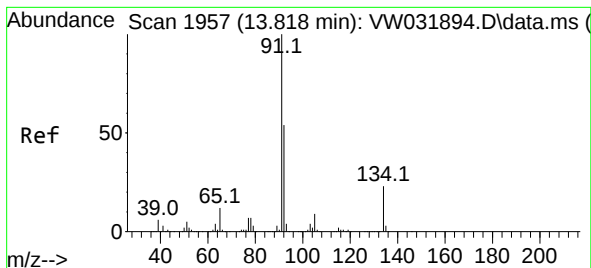
Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.3

148 64.7 31.8 95.3





#89

n-Butylbenzene

Concen: 48.665 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

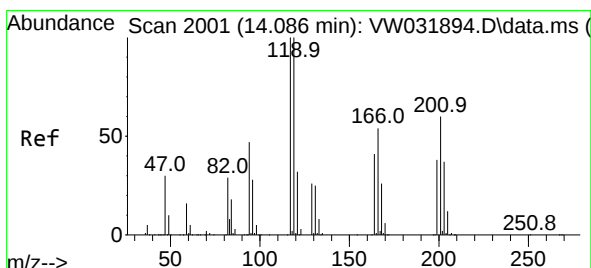
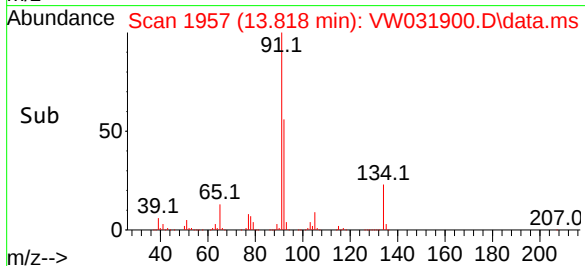
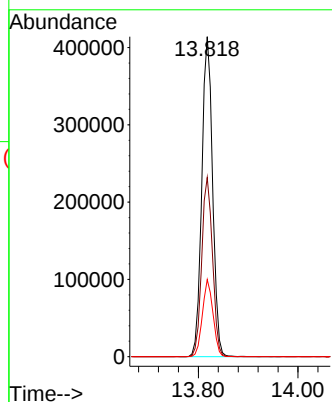
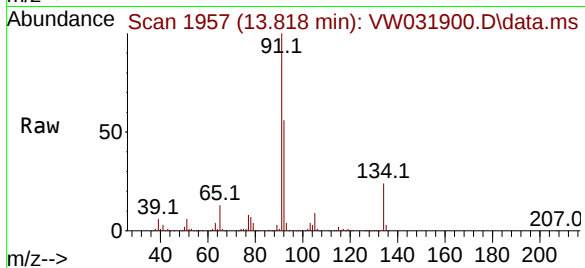
Tgt Ion: 91 Resp: 620318

Ion Ratio Lower Upper

91 100

92 56.1 27.2 81.5

134 23.8 11.6 34.7



#90

Hexachloroethane

Concen: 48.241 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031900.D

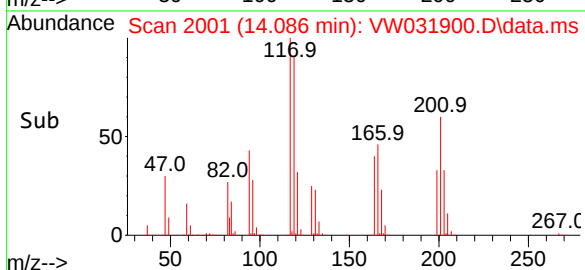
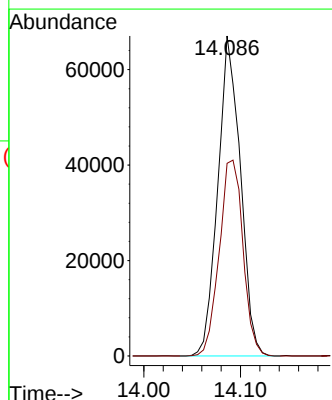
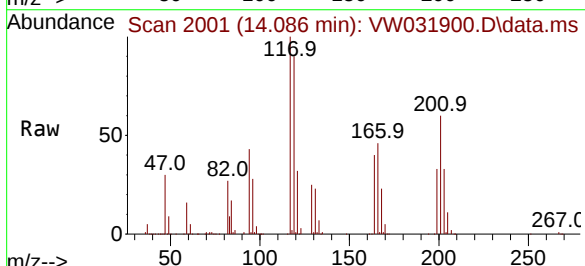
Acq: 23 Jul 2025 09:07

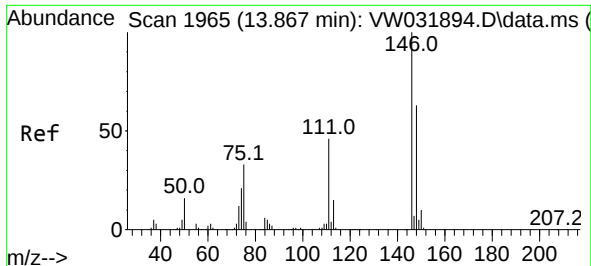
Tgt Ion: 117 Resp: 108392

Ion Ratio Lower Upper

117 100

201 64.3 28.4 85.2

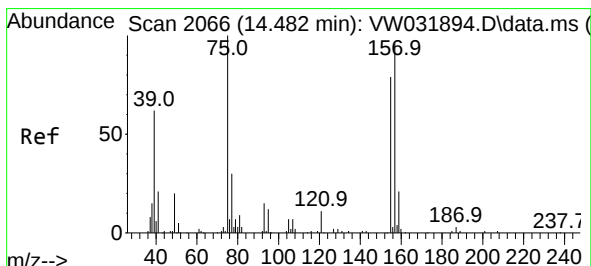
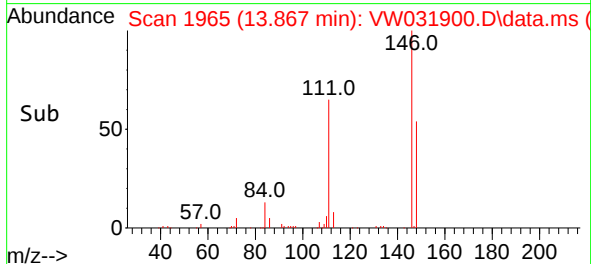
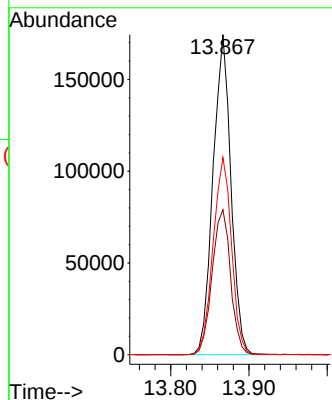
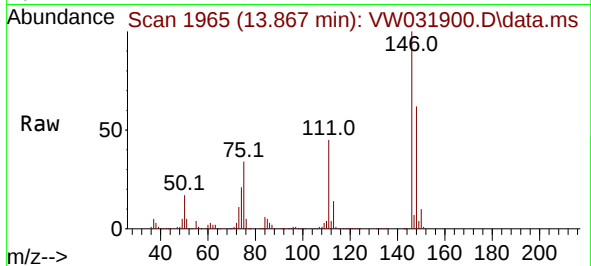




#91
1,2-Dichlorobenzene
Concen: 47.368 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

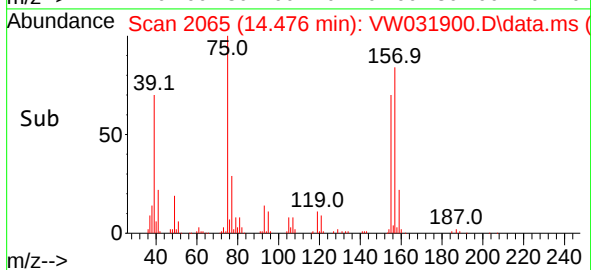
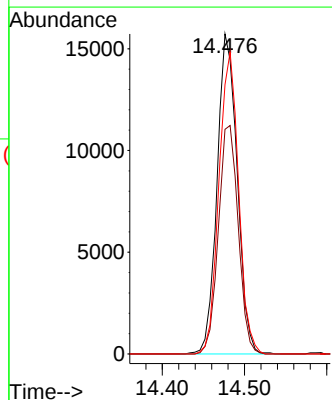
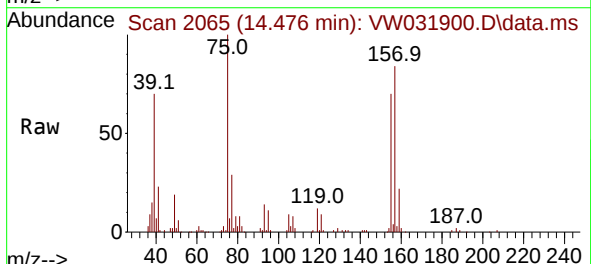
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

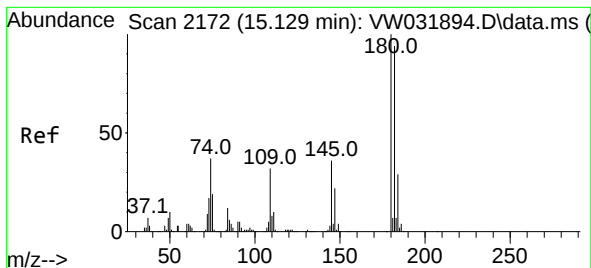
Tgt Ion:146 Resp: 277050
Ion Ratio Lower Upper
146 100
111 46.8 23.6 71.0
148 63.5 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.568 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion: 75 Resp: 26730
Ion Ratio Lower Upper
75 100
155 70.5 35.9 107.7
157 92.0 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 47.716 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

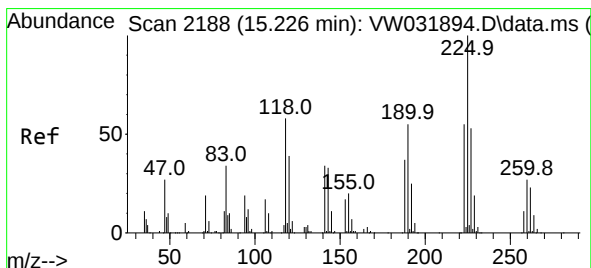
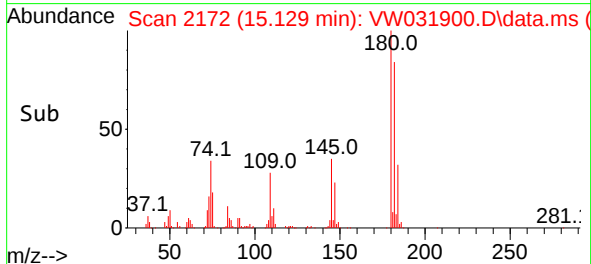
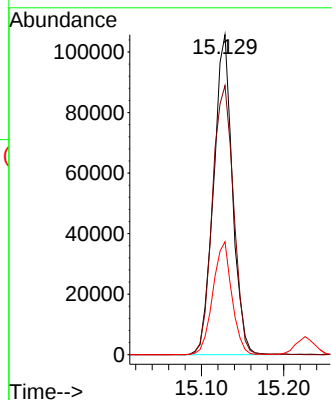
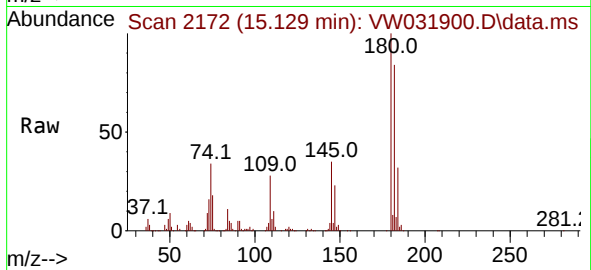
Tgt Ion:180 Resp: 168311

Ion Ratio Lower Upper

180 100

182 94.1 51.0 153.1

145 35.6 18.4 55.4



#94

Hexachlorobutadiene

Concen: 51.828 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031900.D

Acq: 23 Jul 2025 09:07

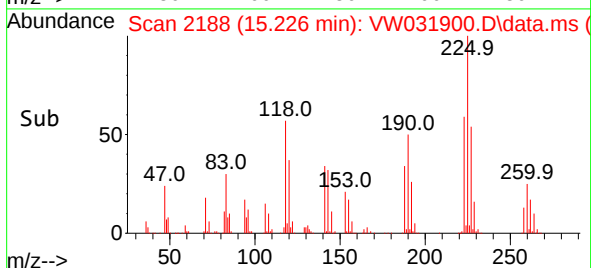
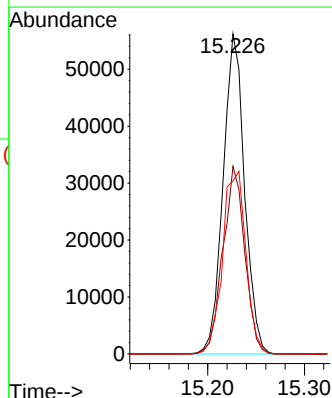
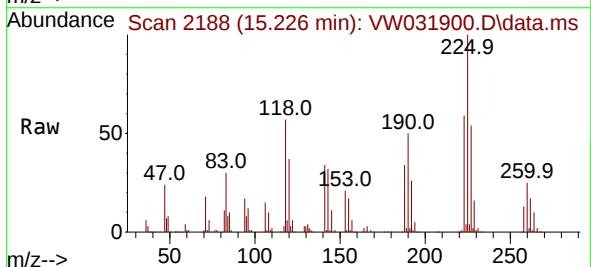
Tgt Ion:225 Resp: 86628

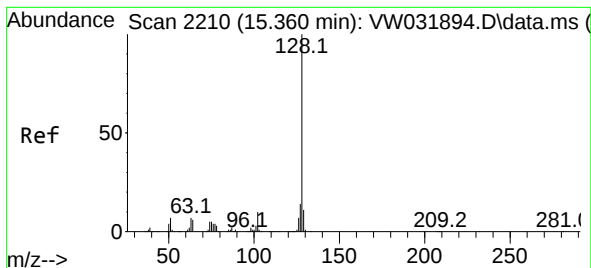
Ion Ratio Lower Upper

225 100

223 59.7 30.9 92.7

227 62.2 30.0 90.1

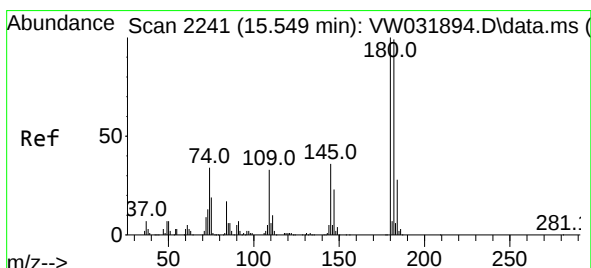
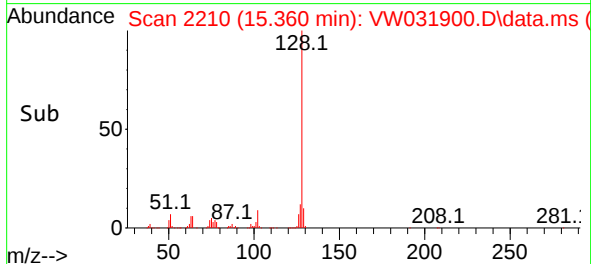
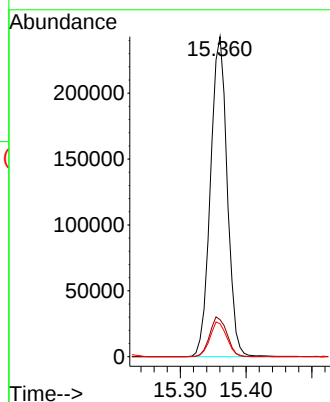
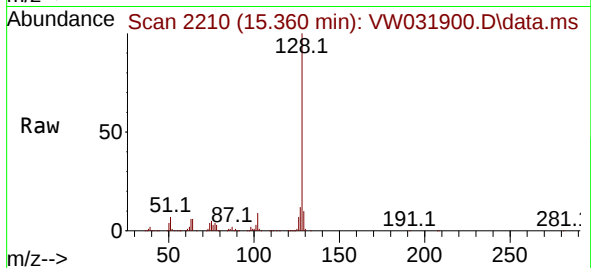




#95
Naphthalene
Concen: 49.637 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 430454
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.9 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 48.745 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031900.D
Acq: 23 Jul 2025 09:07

Tgt Ion:180 Resp: 155785
Ion Ratio Lower Upper
180 100
182 91.7 50.4 151.2
145 36.6 18.6 55.8

