

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031913.D
 Acq On : 23 Jul 2025 15:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 24 02:54:01 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	219521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	405999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	370382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	158910	47.853	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.700%
35) Dibromofluoromethane	7.898	113	130334	47.243	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.480%
50) Toluene-d8	10.331	98	497065	47.606	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.617	95	194030	48.396	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	76461	46.864	ug/l	97
3) Chloromethane	2.259	50	98250	46.918	ug/l	99
4) Vinyl Chloride	2.405	62	127592	46.904	ug/l	98
5) Bromomethane	2.826	94	91910	45.883	ug/l	96
6) Chloroethane	2.979	64	83984	46.778	ug/l	98
7) Trichlorofluoromethane	3.314	101	127658	46.334	ug/l	99
8) Diethyl Ether	3.722	74	87789	47.700	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	123153	46.471	ug/l	99
10) Methyl Iodide	4.308	142	181463	45.797	ug/l	99
11) Tert butyl alcohol	5.222	59	53293	273.017	ug/l	99
12) 1,1-Dichloroethene	4.088	96	136518	46.639	ug/l	96
13) Acrolein	3.936	56	49237	181.958	ug/l	97
14) Allyl chloride	4.710	41	210154	46.120	ug/l	99
15) Acrylonitrile	5.405	53	207957	252.736	ug/l	100
16) Acetone	4.167	43	160829	204.095	ug/l	93
17) Carbon Disulfide	4.430	76	353133	46.517	ug/l	99
18) Methyl Acetate	4.710	43	128577	59.225	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	258316	51.075	ug/l	98
20) Methylene Chloride	4.960	84	153124	44.966	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	149542	48.151	ug/l	95
22) Diisopropyl ether	6.344	45	447611	49.092	ug/l	99
23) Vinyl Acetate	6.289	43	1462105	245.449	ug/l	97
24) 1,1-Dichloroethane	6.246	63	275323	48.499	ug/l	99
25) 2-Butanone	7.197	43	268451	248.987	ug/l	96
26) 2,2-Dichloropropane	7.191	77	147837	45.999	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	178482	48.884	ug/l	98
28) Bromochloromethane	7.533	49	116208	48.891	ug/l	97
29) Tetrahydrofuran	7.557	42	185284	262.115	ug/l	99
30) Chloroform	7.697	83	293306	49.277	ug/l	98
31) Cyclohexane	7.972	56	229737	45.108	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	213734	47.189	ug/l	97
36) 1,1-Dichloropropene	8.100	75	204190	48.195	ug/l	99
37) Ethyl Acetate	7.277	43	121773	50.384	ug/l	98
38) Carbon Tetrachloride	8.087	117	192174	47.263	ug/l	96
39) Methylcyclohexane	9.343	83	258793	48.537	ug/l	96
40) Benzene	8.337	78	615232	49.055	ug/l	99

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	74221	51.300	ug/l	97
42) 1,2-Dichloroethane	8.417	62	200789	50.023	ug/l	100
43) Isopropyl Acetate	8.435	43	221963	50.730	ug/l	99
44) Trichloroethene	9.099	130	146346	49.092	ug/l	95
45) 1,2-Dichloropropane	9.374	63	147276	48.759	ug/l	96
46) Dibromomethane	9.465	93	92354	49.325	ug/l	98
47) Bromodichloromethane	9.654	83	221831	49.408	ug/l	98
48) Methyl methacrylate	9.441	41	119455	57.386	ug/l	93
49) 1,4-Dioxane	9.465	88	20165	1079.326	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	635700	265.481	ug/l	100
52) Toluene	10.392	92	392558	48.691	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	216681	50.311	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	241656	49.133	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	122223	49.143	ug/l	93
56) Ethyl methacrylate	10.648	69	183188	52.152	ug/l	99
57) 1,3-Dichloropropane	10.934	76	219828	50.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	465667	258.098	ug/l	100
59) 2-Hexanone	10.971	43	437558	262.888	ug/l	99
60) Dibromochloromethane	11.130	129	145164	50.061	ug/l	98
61) 1,2-Dibromoethane	11.239	107	122250	49.745	ug/l	98
64) Tetrachloroethene	10.861	164	110606	45.294	ug/l #	82
65) Chlorobenzene	11.660	112	419567	46.285	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	137144	48.802	ug/l	97
67) Ethyl Benzene	11.733	91	746289	46.857	ug/l	95
68) m/p-Xylenes	11.843	106	573613	95.669	ug/l	100
69) o-Xylene	12.166	106	273444	48.190	ug/l	99
70) Styrene	12.178	104	470963	48.749	ug/l	98
71) Bromoform	12.349	173	74982	48.787	ug/l #	99
73) Isopropylbenzene	12.465	105	716391	49.346	ug/l	99
74) N-amyl acetate	12.270	43	201615	51.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	155907	50.593	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	196442	85.036	ug/l #	100
77) Bromobenzene	12.745	156	155952	49.648	ug/l	97
78) n-propylbenzene	12.800	91	864593	48.489	ug/l	100
79) 2-Chlorotoluene	12.891	91	521301	48.967	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	583353	47.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	50978	50.947	ug/l	98
82) 4-Chlorotoluene	12.989	91	538291	48.197	ug/l	97
83) tert-Butylbenzene	13.202	119	500579	48.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	589462	47.831	ug/l	98
85) sec-Butylbenzene	13.379	105	742346	47.662	ug/l	99
86) p-Isopropyltoluene	13.495	119	633711	49.225	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	314518	48.101	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	308981	48.238	ug/l	98
89) n-Butylbenzene	13.818	91	615745	48.757	ug/l	99
90) Hexachloroethane	14.086	117	104500	46.943	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	278584	48.075	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	27735	49.817	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	166773	47.721	ug/l	97
94) Hexachlorobutadiene	15.232	225	78612	47.471	ug/l	95
95) Naphthalene	15.360	128	442456	51.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	159161	50.266	ug/l	93

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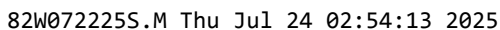
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MSVOA_W
ClientSampleId :
VSTDCCC050EC

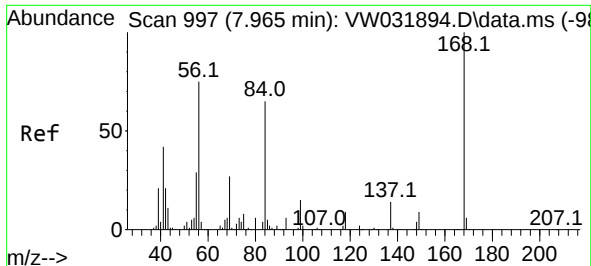
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Quant Title : SW846 8260
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Response via : Initial Calibration

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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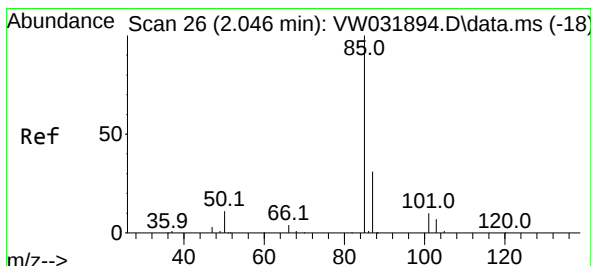
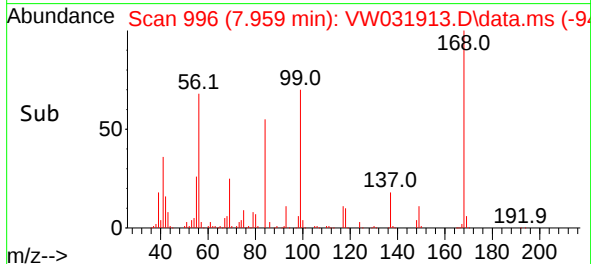
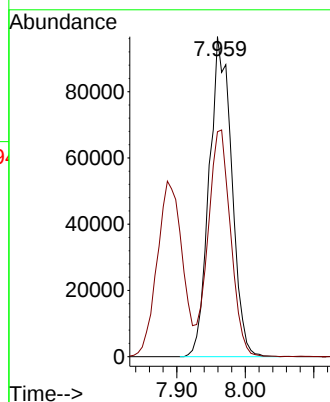
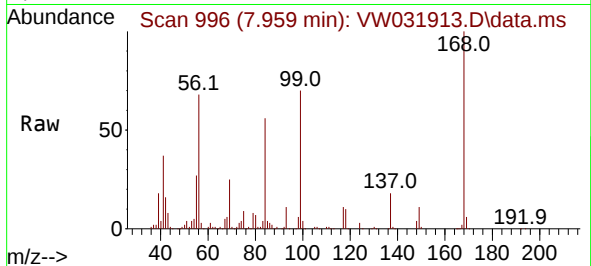




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

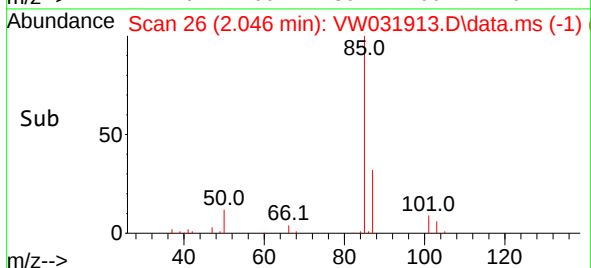
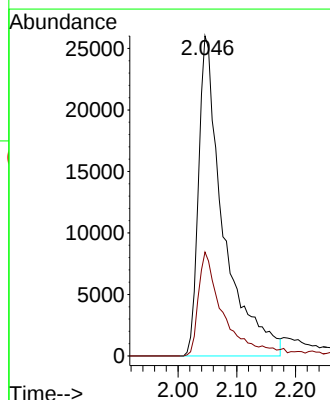
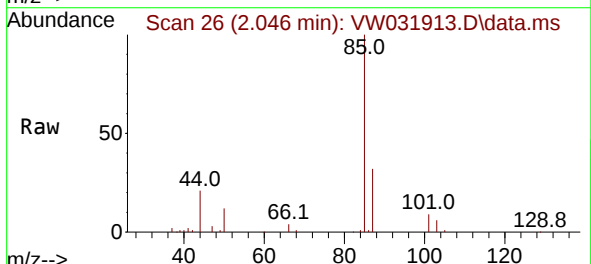
Instrument :
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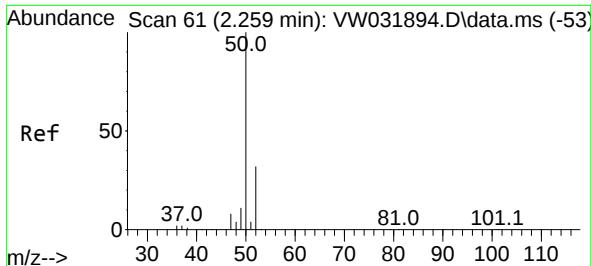
Tgt Ion:168 Resp: 219521
Ion Ratio Lower Upper
168 100
99 70.2 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 46.864 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 85 Resp: 76461
Ion Ratio Lower Upper
85 100
87 32.5 15.5 46.5

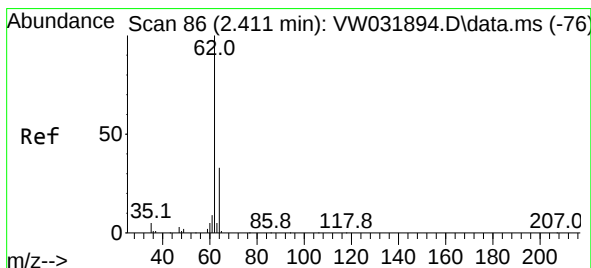
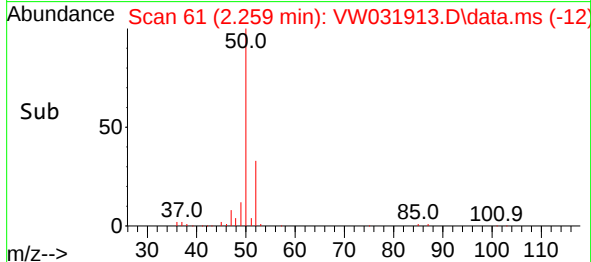
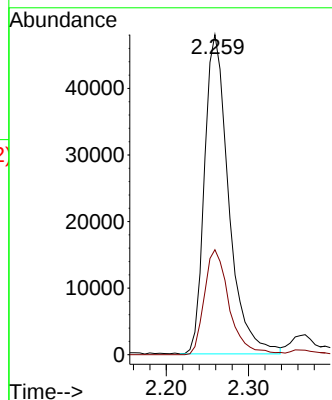
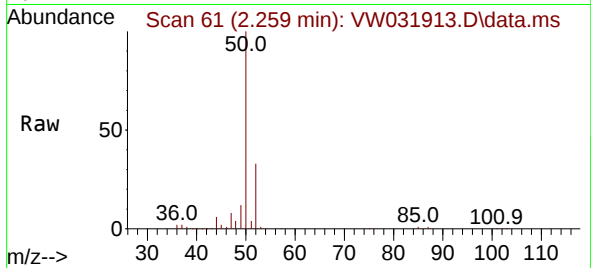




#3
Chloromethane
Concen: 46.918 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

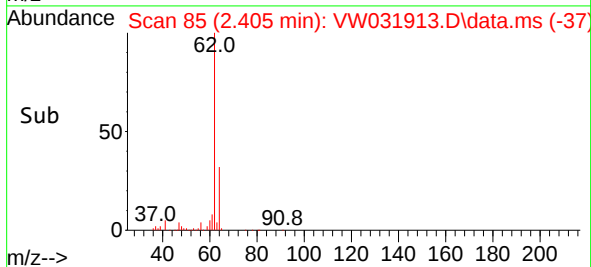
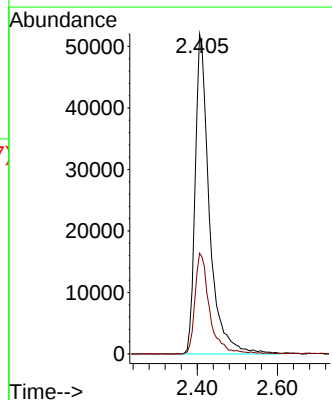
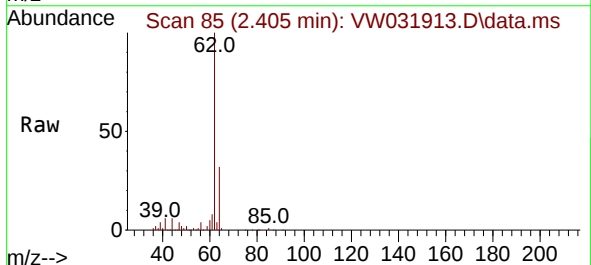
Instrument :
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ClientSampleId :
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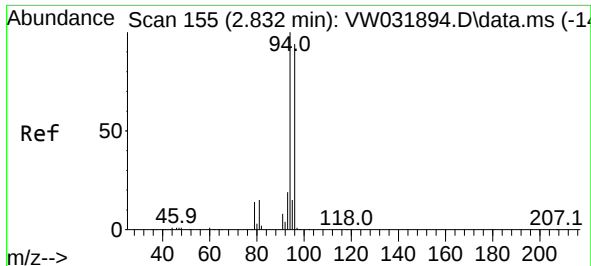
Tgt Ion: 50 Resp: 98250
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5



#4
Vinyl Chloride
Concen: 46.904 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 62 Resp: 127592
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2

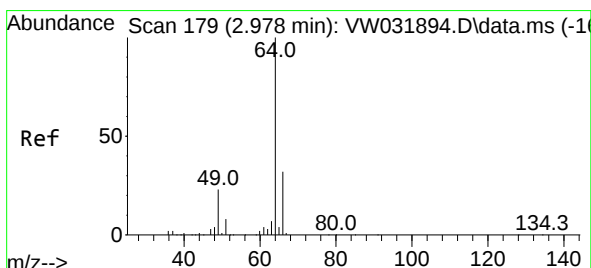
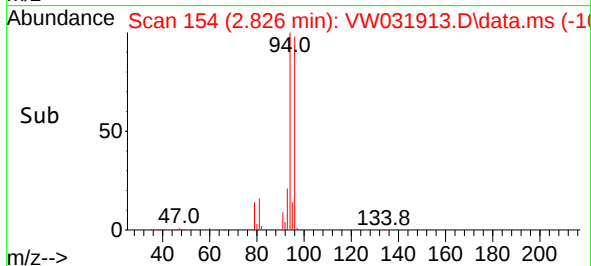
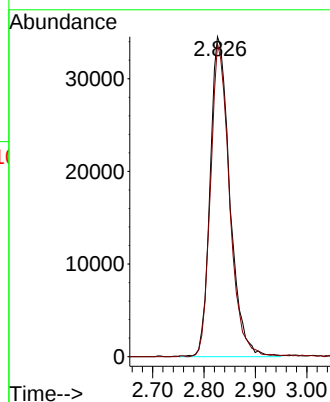
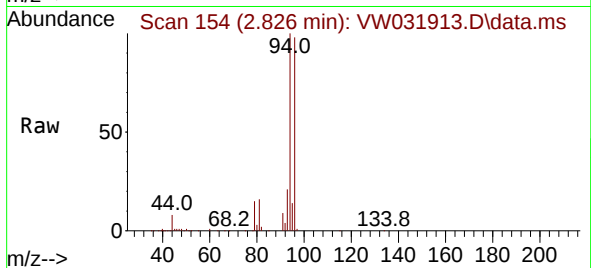




#5
Bromomethane
Concen: 45.883 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

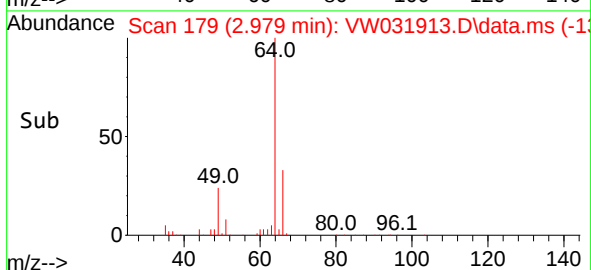
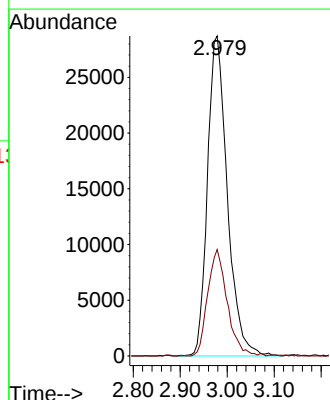
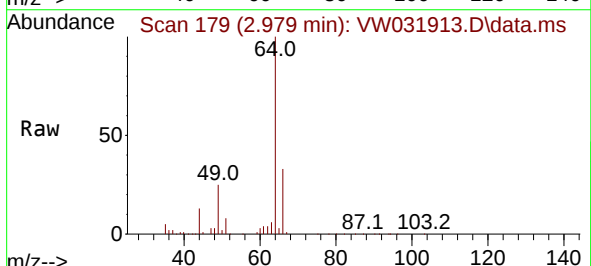
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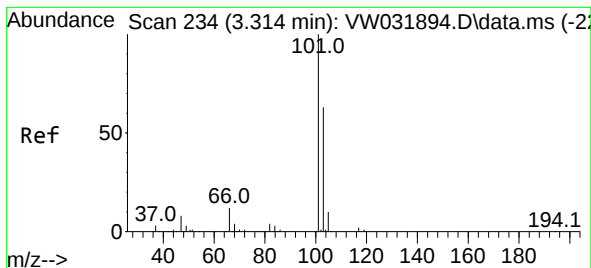
Tgt Ion: 94 Resp: 91910
Ion Ratio Lower Upper
94 100
96 97.5 75.0 112.6



#6
Chloroethane
Concen: 46.778 ug/l
RT: 2.979 min Scan# 179
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 64 Resp: 83984
Ion Ratio Lower Upper
64 100
66 33.0 25.6 38.4

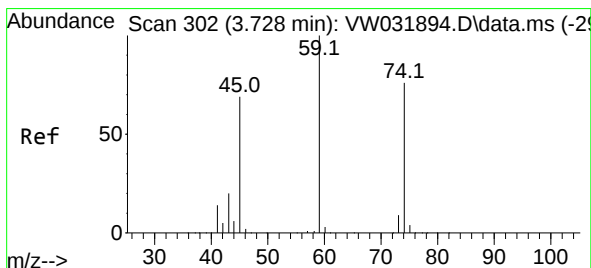
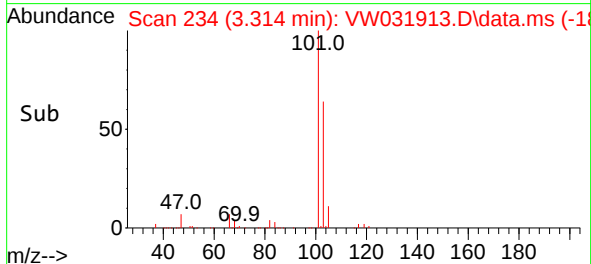
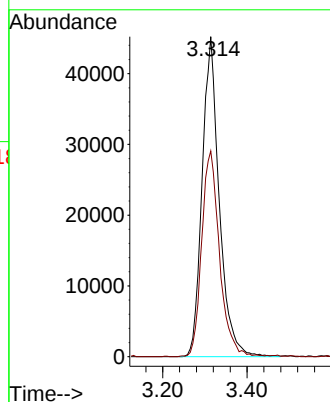
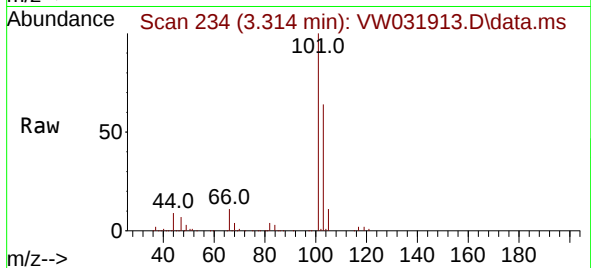




#7
 Trichlorofluoromethane
 Concen: 46.334 ug/l
 RT: 3.314 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031913.D
 Acq: 23 Jul 2025 15:36

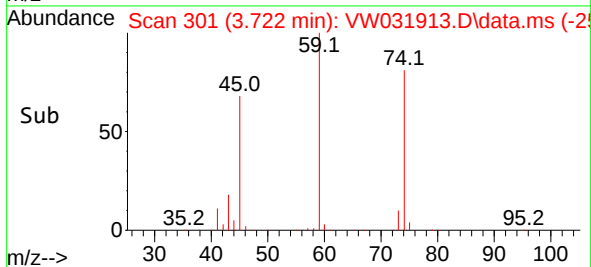
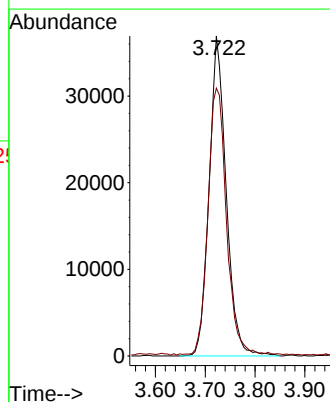
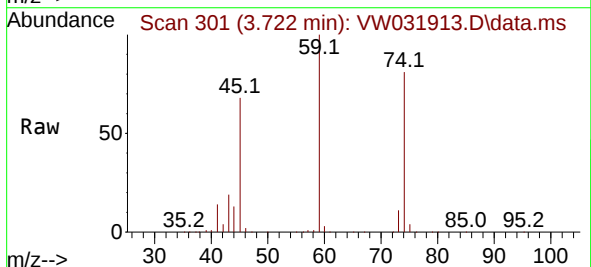
Instrument :
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 ClientSampleId :
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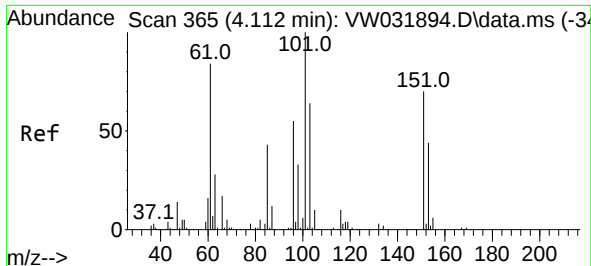
Tgt Ion:101 Resp: 127658
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.700 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031913.D
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Tgt Ion: 74 Resp: 87789
 Ion Ratio Lower Upper
 74 100
 45 90.5 45.5 136.5

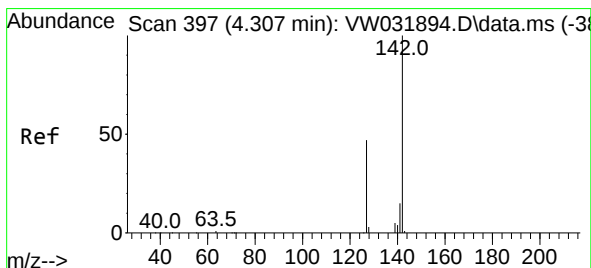
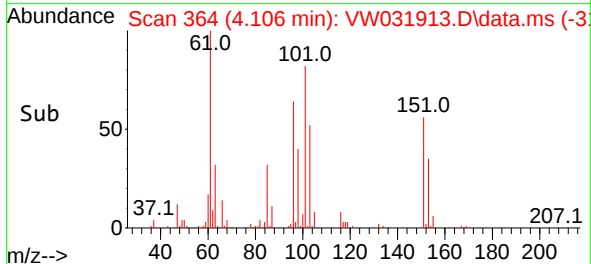
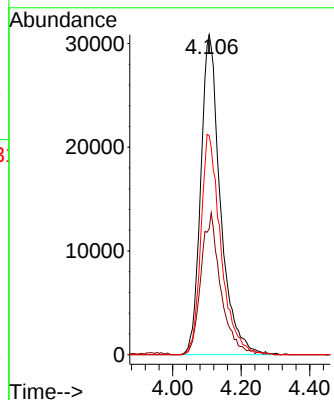
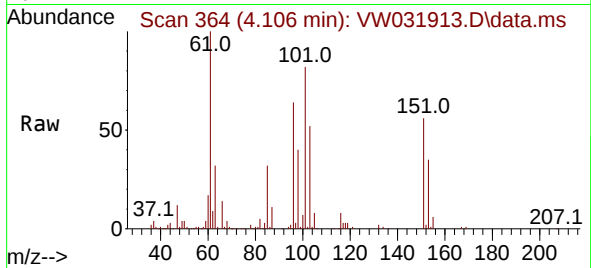




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.471 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW031913.D
 Acq: 23 Jul 2025 15:36

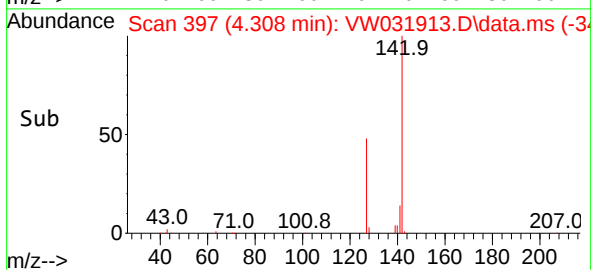
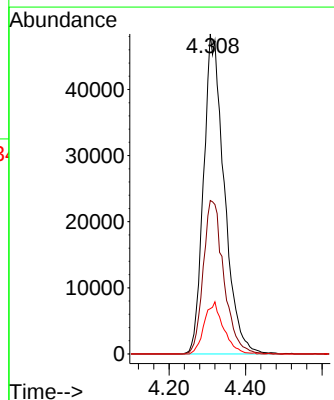
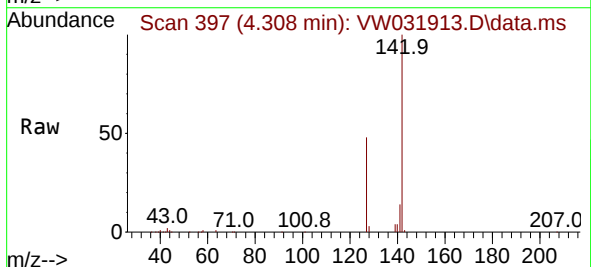
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

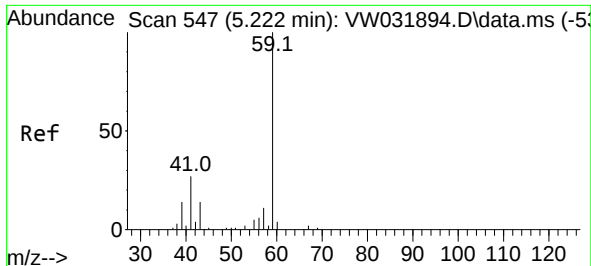
Tgt Ion:101 Resp: 123153
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.5 53.3
 151 69.9 54.6 81.8



#10
 Methyl Iodide
 Concen: 45.797 ug/l
 RT: 4.308 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VW031913.D
 Acq: 23 Jul 2025 15:36

Tgt Ion:142 Resp: 181463
 Ion Ratio Lower Upper
 142 100
 127 47.9 37.4 56.2
 141 15.2 11.9 17.9

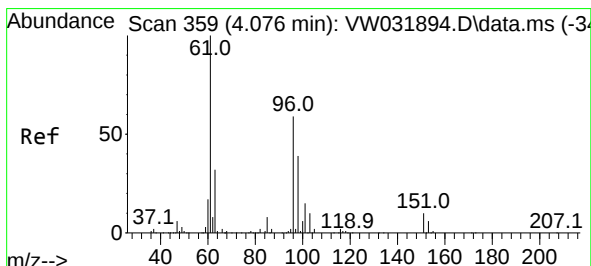
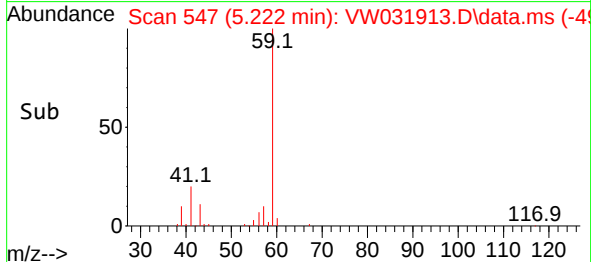
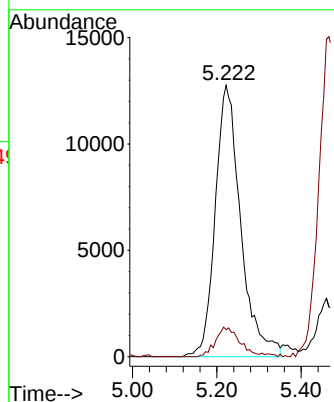
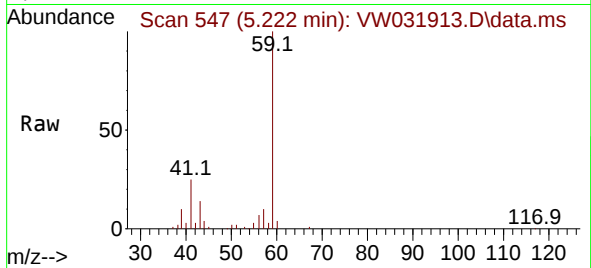




#11
Tert butyl alcohol
Concen: 273.017 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

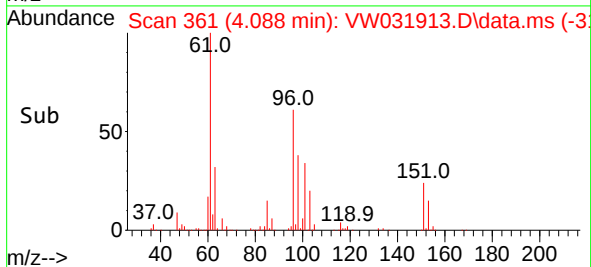
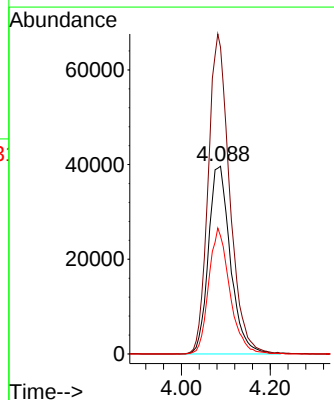
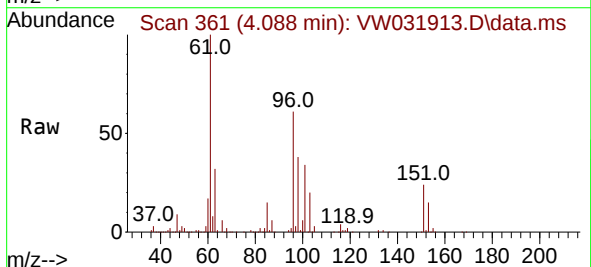
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 53293
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.639 ug/l
RT: 4.088 min Scan# 361
Delta R.T. 0.012 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 96 Resp: 136518
Ion Ratio Lower Upper
96 100
61 163.4 135.0 202.6
98 62.8 52.3 78.5

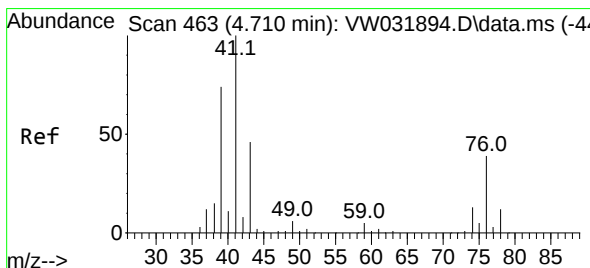
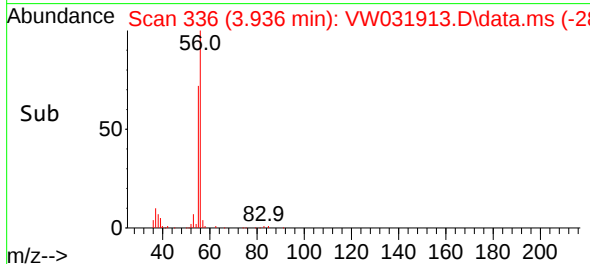
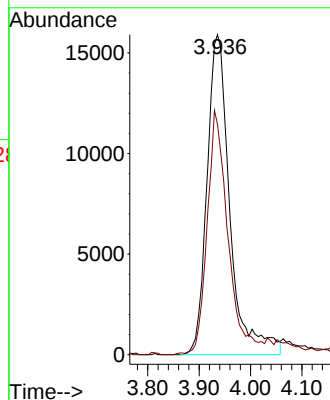
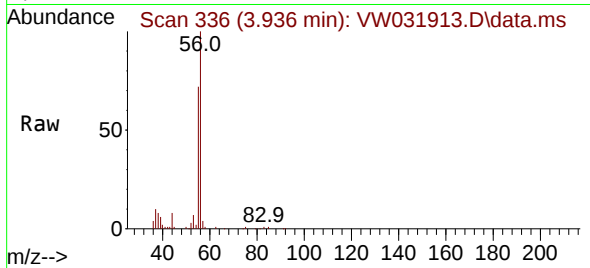




#13
Acrolein
Concen: 181.958 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

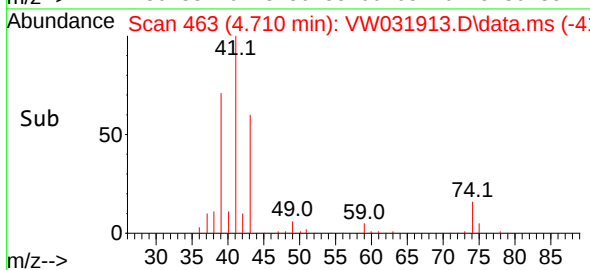
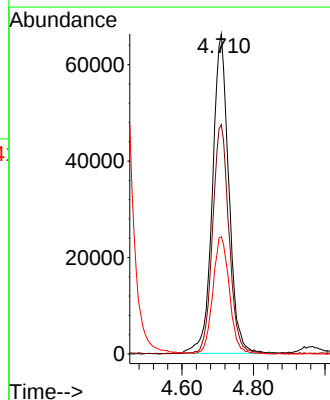
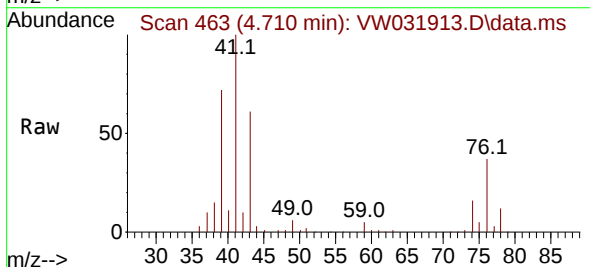
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

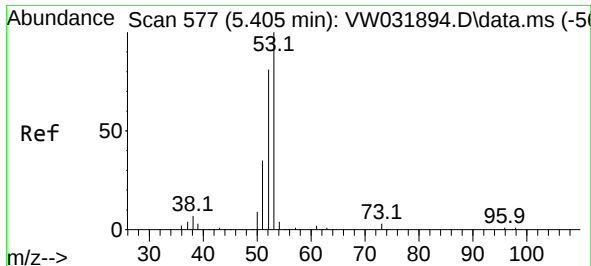
Tgt Ion: 56 Resp: 49237
Ion Ratio Lower Upper
56 100
55 68.8 56.7 85.1



#14
Allyl chloride
Concen: 46.120 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 41 Resp: 210154
Ion Ratio Lower Upper
41 100
39 71.8 56.6 85.0
76 37.1 30.1 45.1

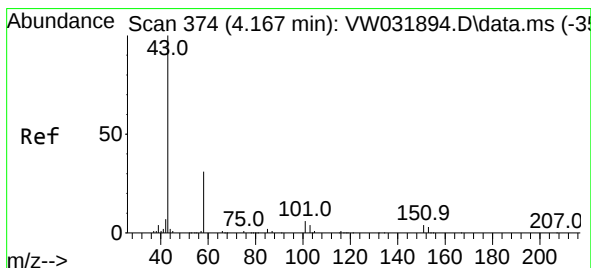
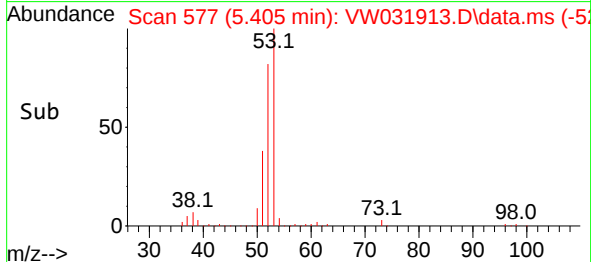
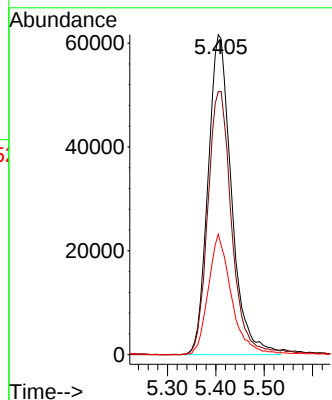
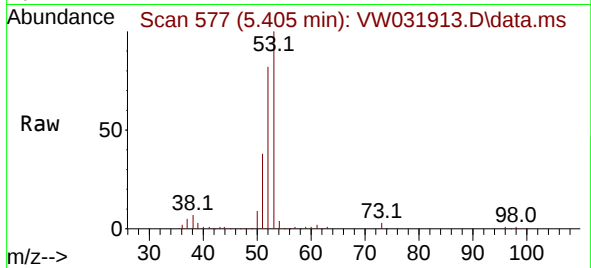




#15
Acrylonitrile
Concen: 252.736 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

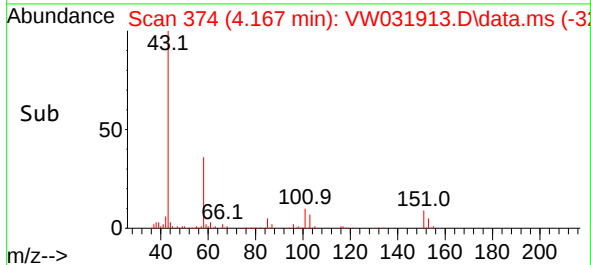
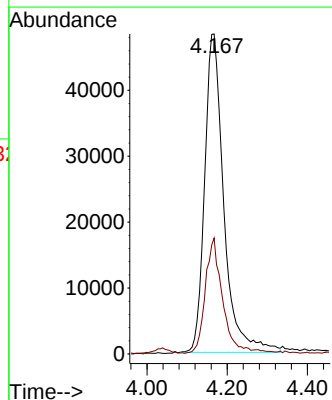
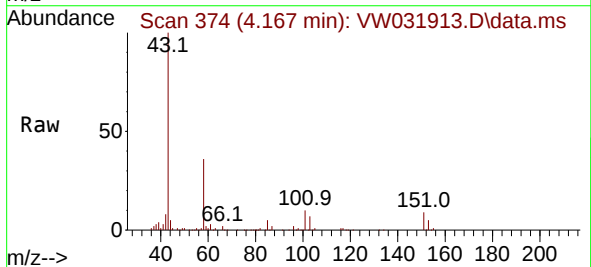
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

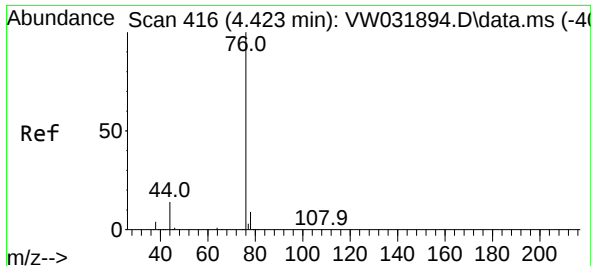
Tgt Ion: 53 Resp: 207957
Ion Ratio Lower Upper
53 100
52 84.0 67.0 100.4
51 37.5 29.9 44.9



#16
Acetone
Concen: 204.095 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 43 Resp: 160829
Ion Ratio Lower Upper
43 100
58 36.1 25.5 38.3

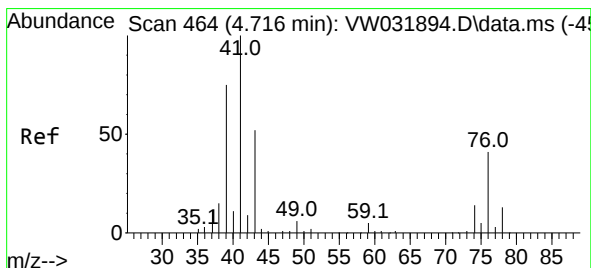
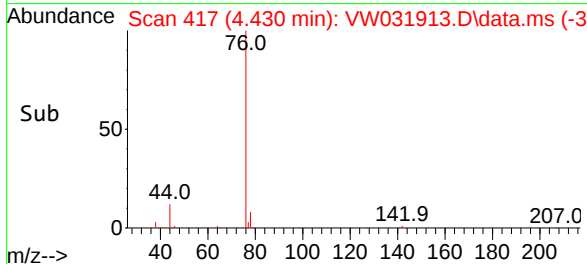
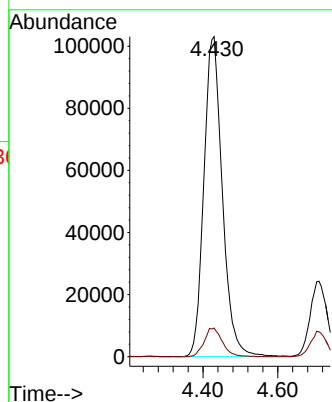
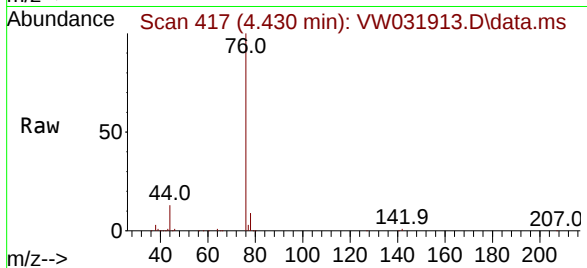




#17
Carbon Disulfide
Concen: 46.517 ug/l
RT: 4.430 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

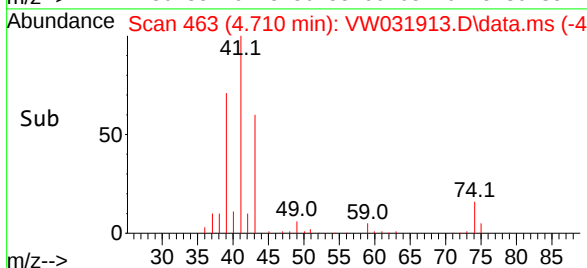
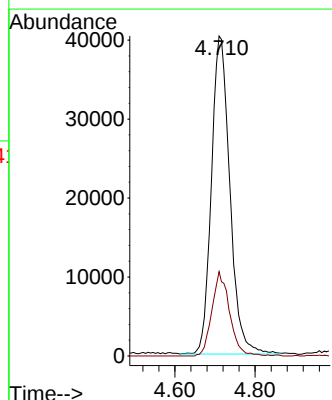
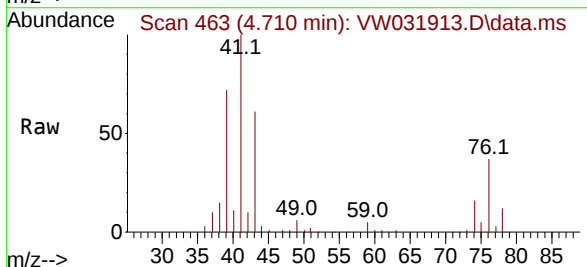
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

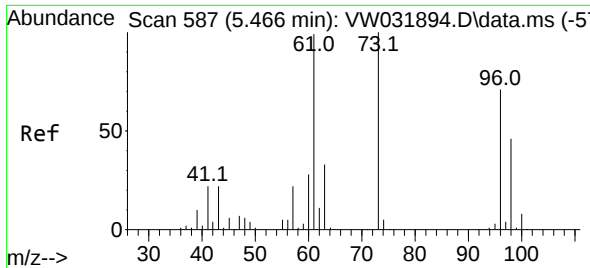
Tgt Ion: 76 Resp: 353133
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 59.225 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 43 Resp: 128577
Ion Ratio Lower Upper
43 100
74 25.3 20.6 31.0

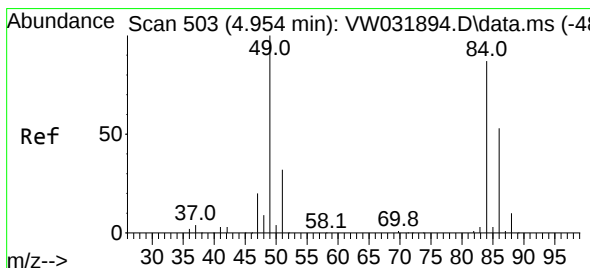
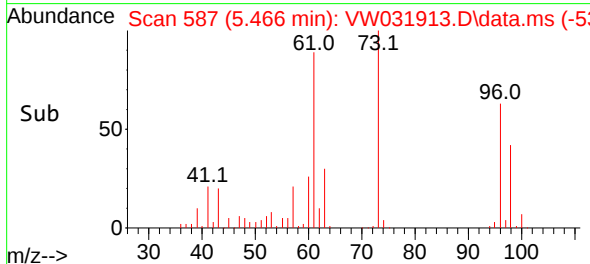
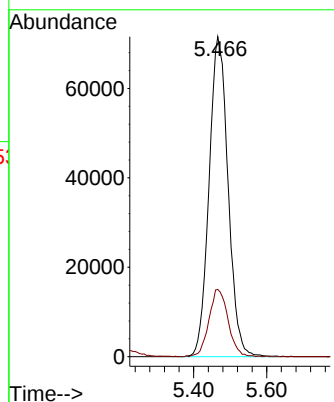
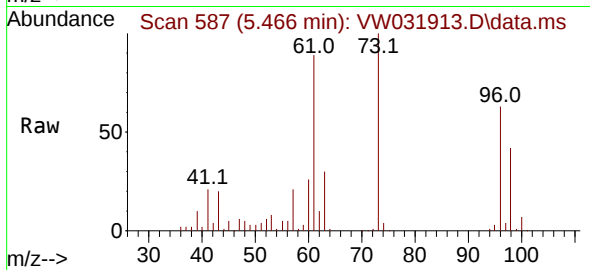




#19
Methyl tert-butyl Ether
Concen: 51.075 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

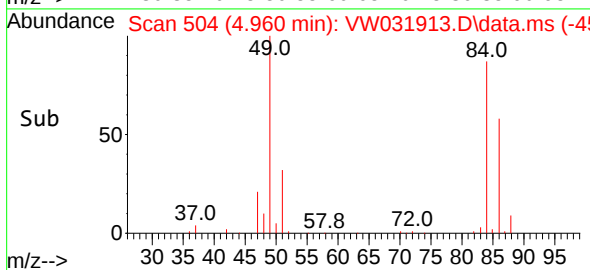
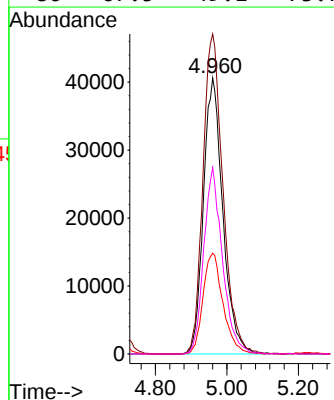
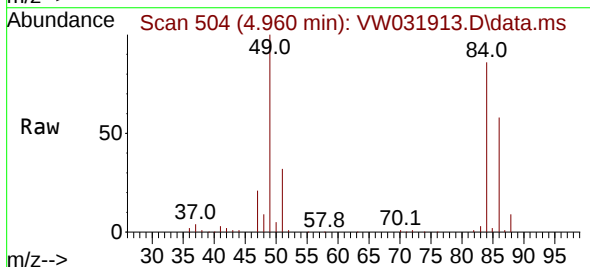
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

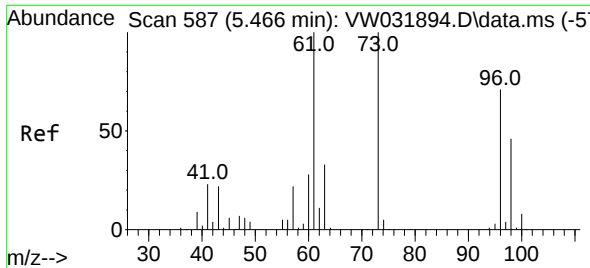
Tgt Ion: 73 Resp: 258316
Ion Ratio Lower Upper
73 100
57 21.0 17.5 26.3



#20
Methylene Chloride
Concen: 44.966 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 84 Resp: 153124
Ion Ratio Lower Upper
84 100
49 116.0 91.9 137.9
51 36.6 29.0 43.6
86 67.5 49.1 73.7

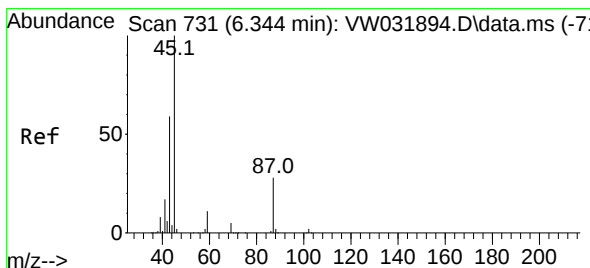
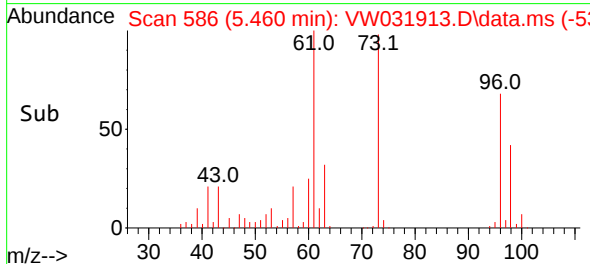
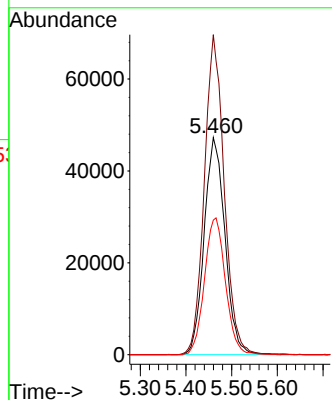
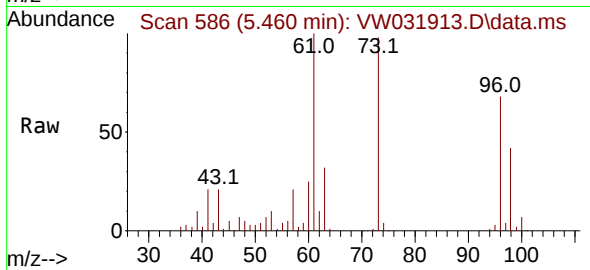




#21
trans-1,2-Dichloroethene
Concen: 48.151 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

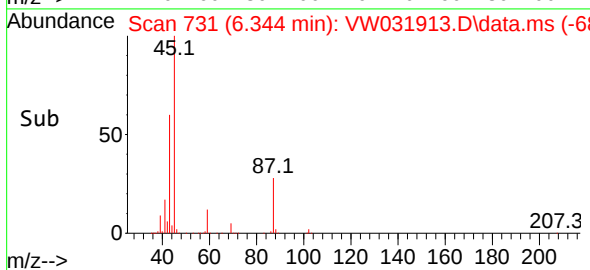
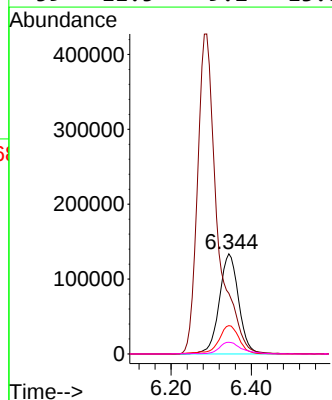
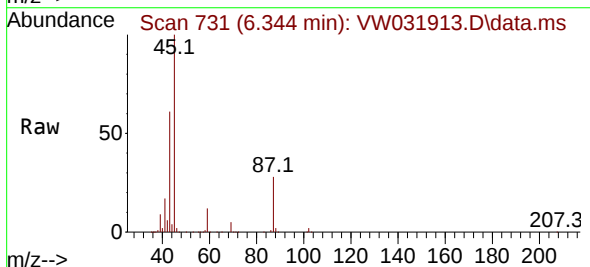
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

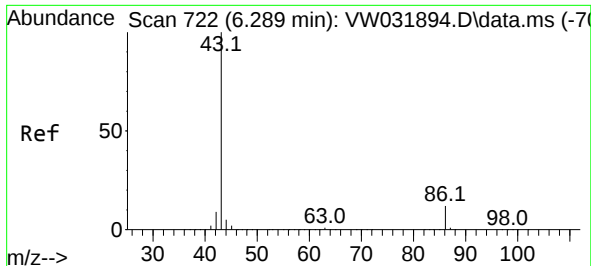
Tgt Ion: 96 Resp: 149542
Ion Ratio Lower Upper
96 100
61 147.3 112.8 169.2
98 62.0 51.9 77.9



#22
Diisopropyl ether
Concen: 49.092 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 45 Resp: 447611
Ion Ratio Lower Upper
45 100
43 60.3 47.0 70.6
87 28.3 22.8 34.2
59 11.5 9.2 13.8

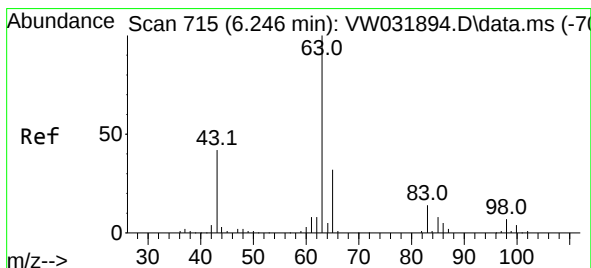
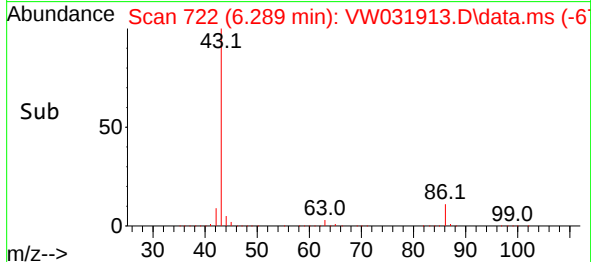
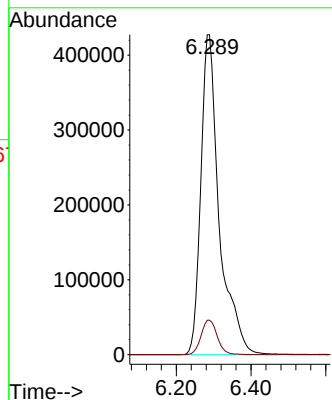
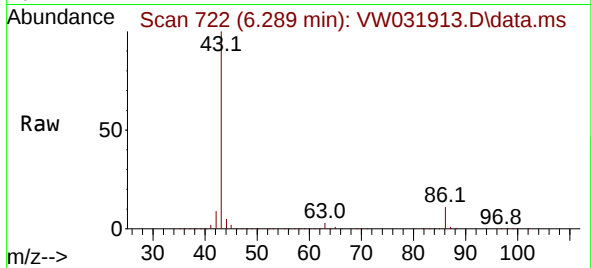




#23
 Vinyl Acetate
 Concen: 245.449 ug/l
 RT: 6.289 min Scan# 722
 Delta R.T. 0.000 min
 Lab File: VW031913.D
 Acq: 23 Jul 2025 15:36

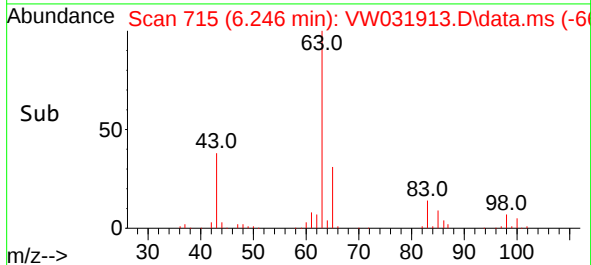
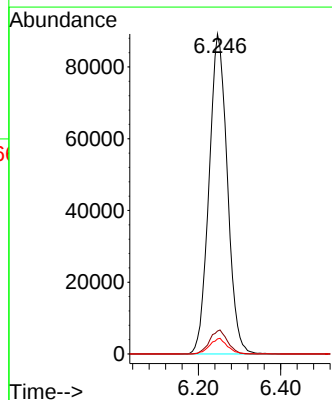
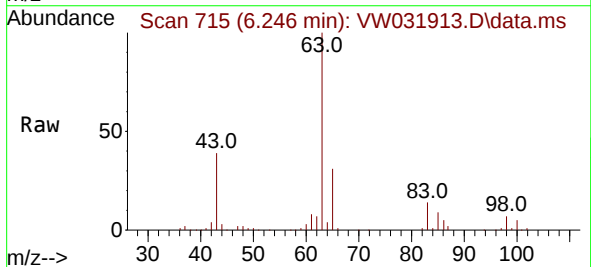
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

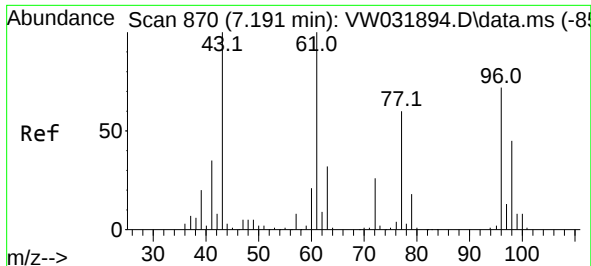
Tgt Ion: 43 Resp: 1462105
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 48.499 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031913.D
 Acq: 23 Jul 2025 15:36

Tgt Ion: 63 Resp: 275323
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.7 2.2 6.6

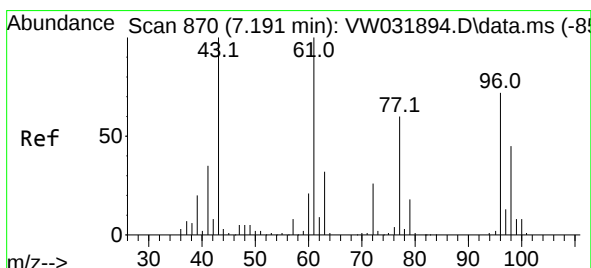
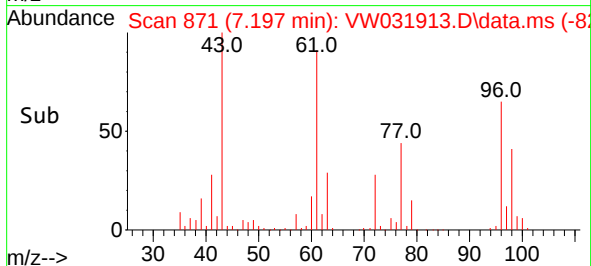
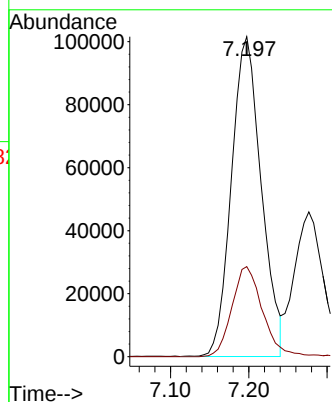
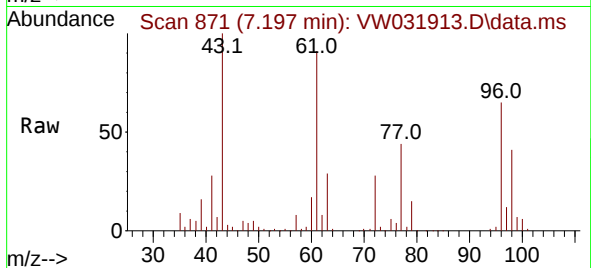




#25
2-Butanone
Concen: 248.987 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

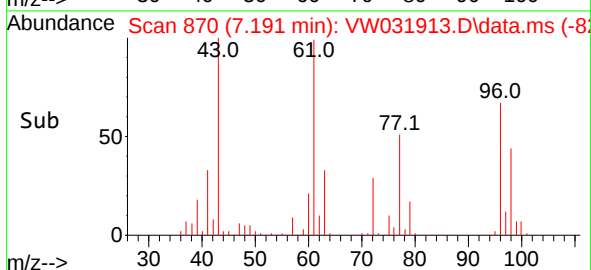
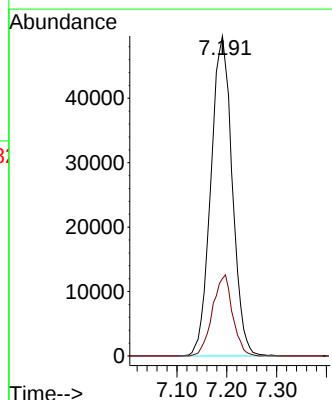
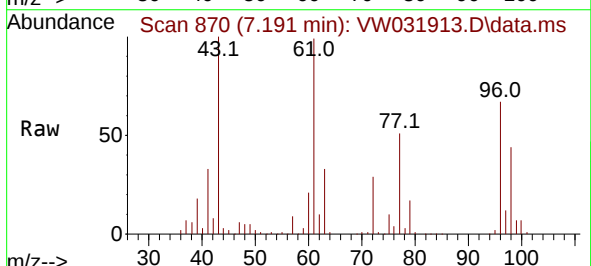
Instrument :
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ClientSampleId :
VSTDCCC050EC

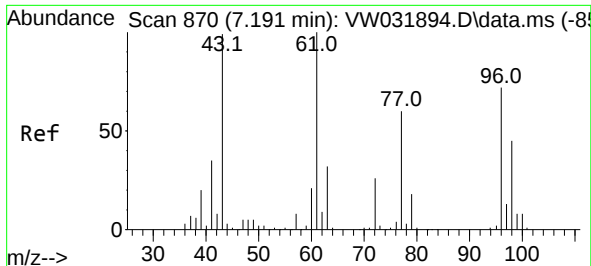
Tgt Ion: 43 Resp: 268451
Ion Ratio Lower Upper
43 100
72 28.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 45.999 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 77 Resp: 147837
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.884 ug/l

RT: 7.197 min Scan# 870

Delta R.T. 0.006 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

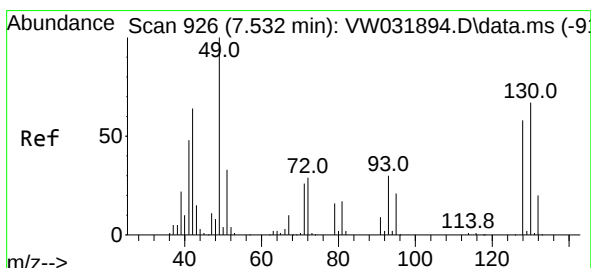
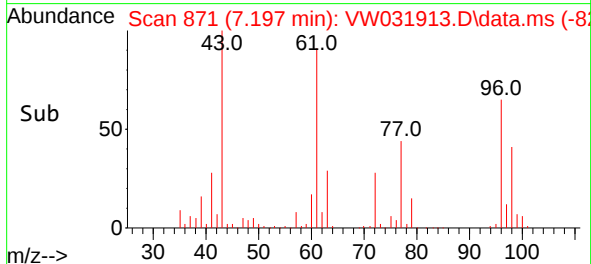
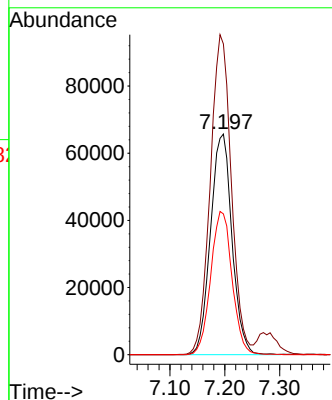
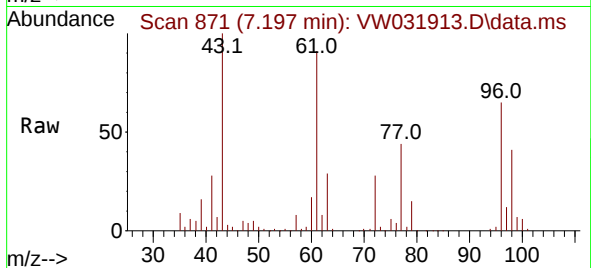
Tgt Ion: 96 Resp: 178482

Ion Ratio Lower Upper

96 100

61 142.2 0.0 280.2

98 64.5 0.0 126.8



#28

Bromochloromethane

Concen: 48.891 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

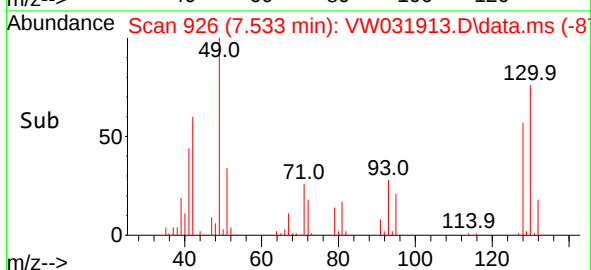
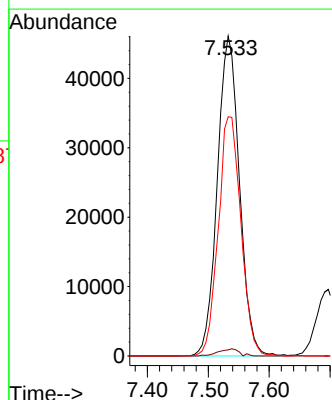
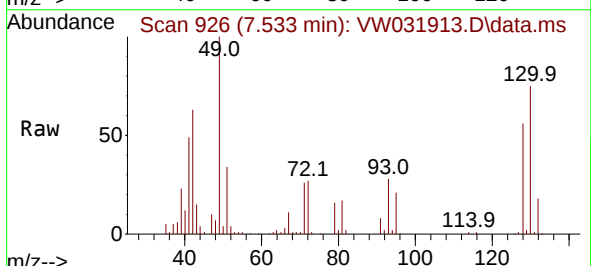
Tgt Ion: 49 Resp: 116208

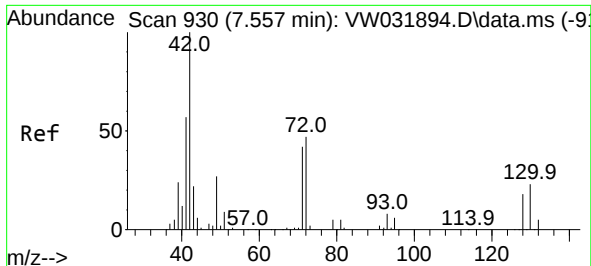
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 76.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 262.115 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

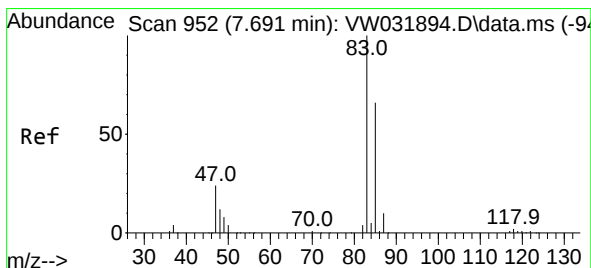
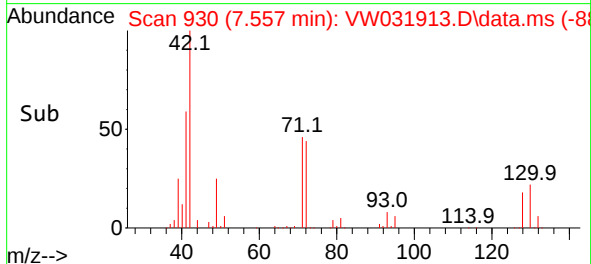
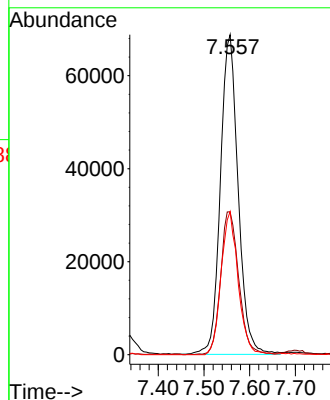
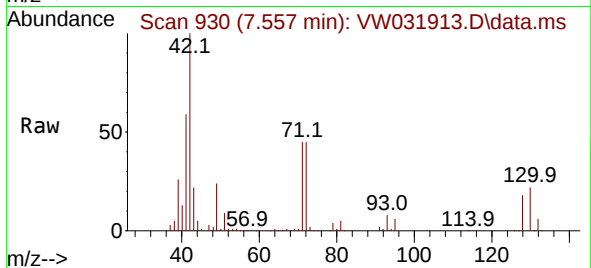
Tgt Ion: 42 Resp: 185284

Ion Ratio Lower Upper

42 100

72 45.5 37.0 55.6

71 43.1 34.5 51.7



#30

Chloroform

Concen: 49.277 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031913.D

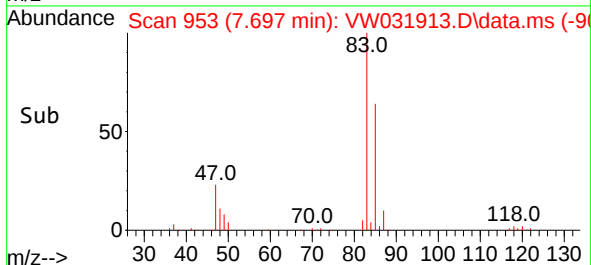
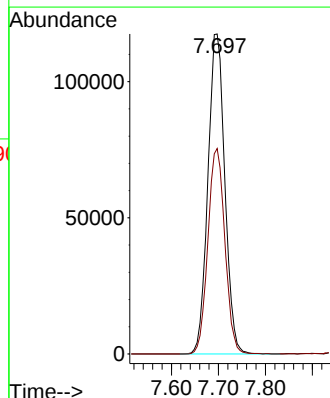
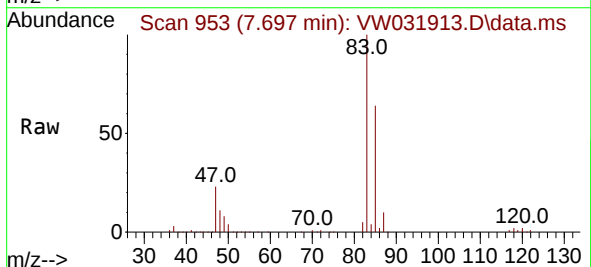
Acq: 23 Jul 2025 15:36

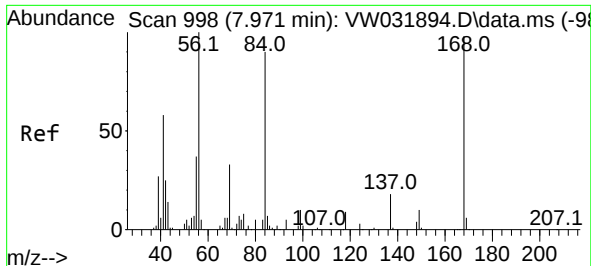
Tgt Ion: 83 Resp: 293306

Ion Ratio Lower Upper

83 100

85 64.2 52.6 78.8

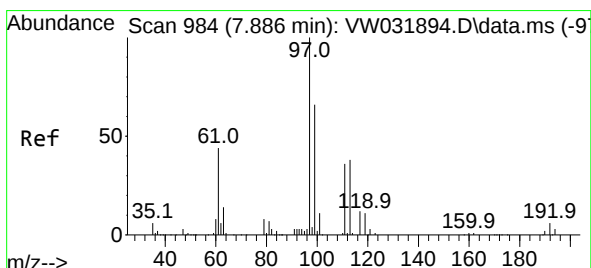
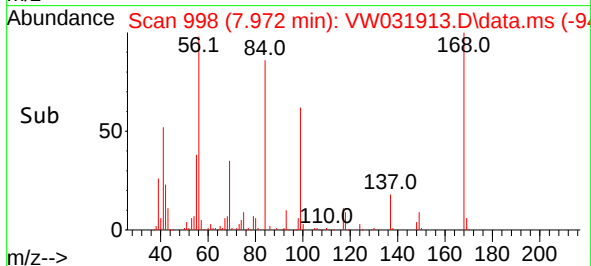
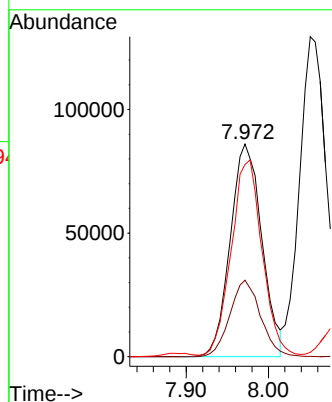
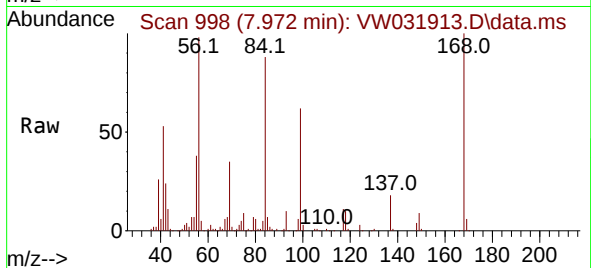




#31
Cyclohexane
Concen: 45.108 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

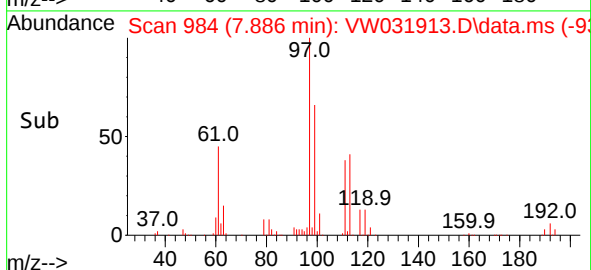
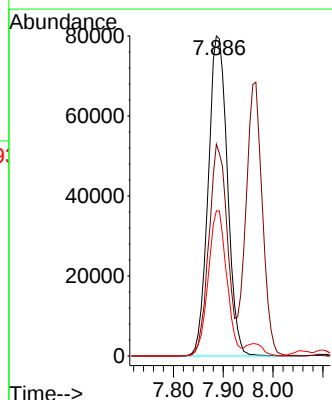
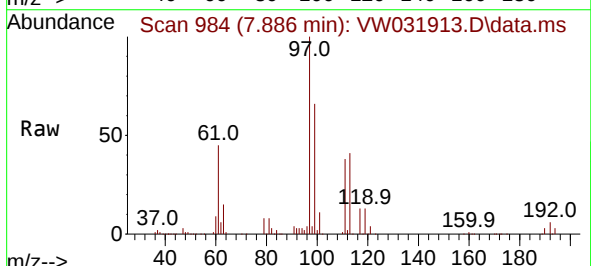
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

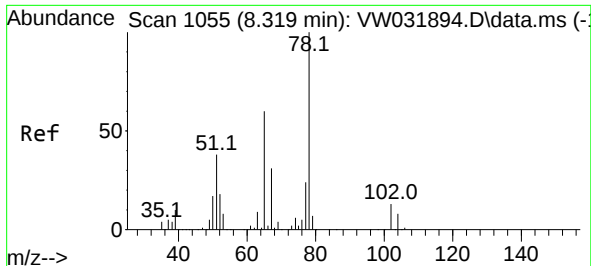
Tgt Ion: 56 Resp: 229737
Ion Ratio Lower Upper
56 100
69 36.0 26.7 40.1
84 88.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.189 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 97 Resp: 213734
Ion Ratio Lower Upper
97 100
99 62.9 53.0 79.4
61 43.8 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 47.853 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

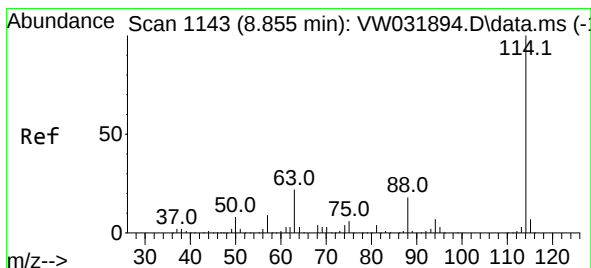
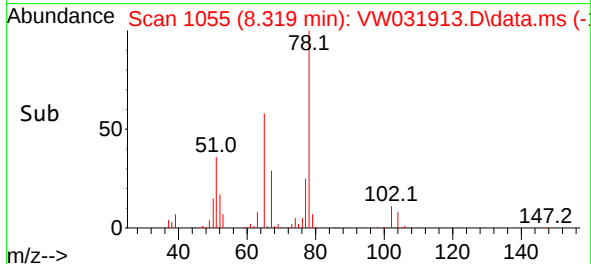
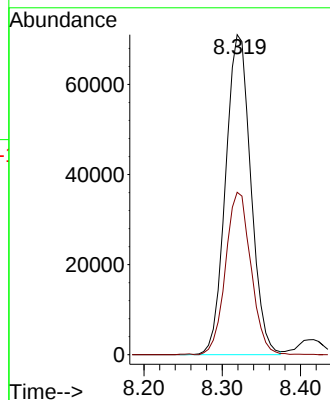
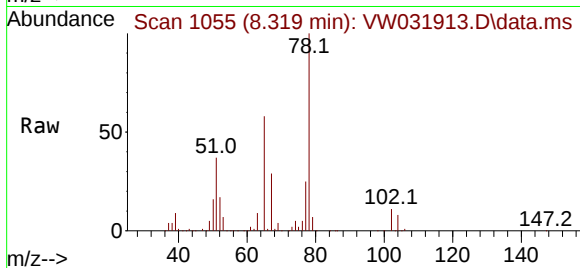
VSTDCCC050EC

Tgt Ion: 65 Resp: 158910

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

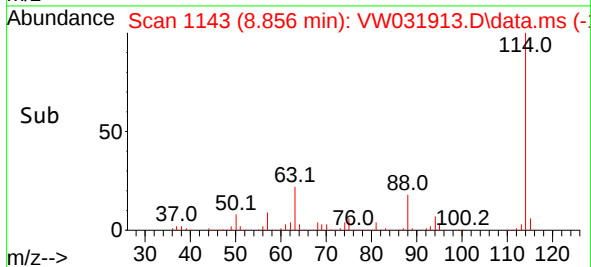
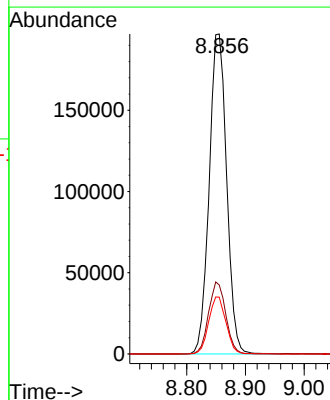
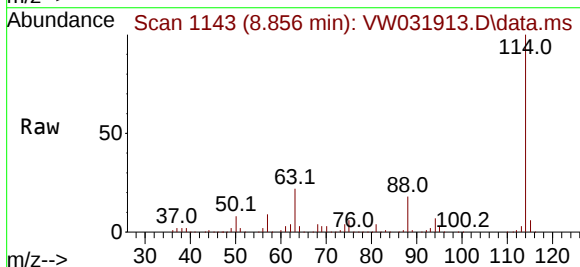
Tgt Ion: 114 Resp: 405999

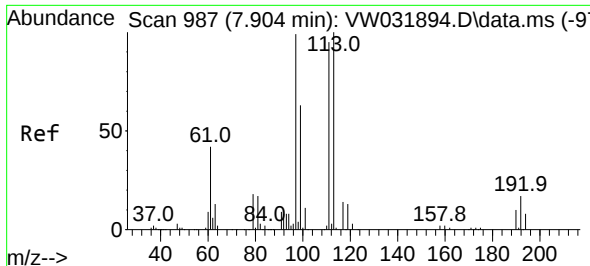
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

88 17.8 0.0 35.6

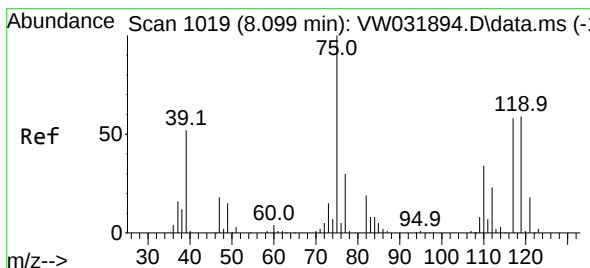
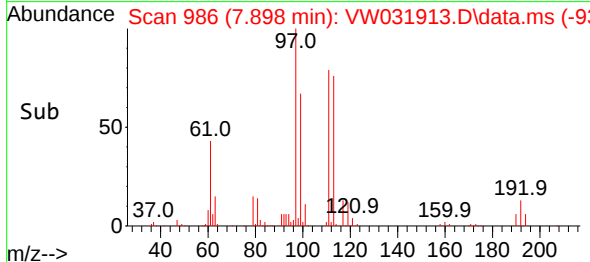
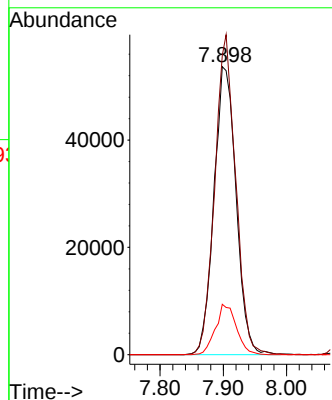
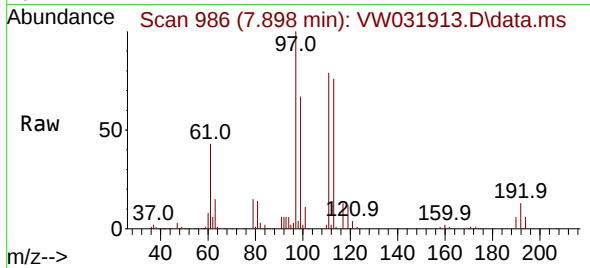




#35
 Dibromofluoromethane
 Concen: 47.243 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031913.D
 Acq: 23 Jul 2025 15:36

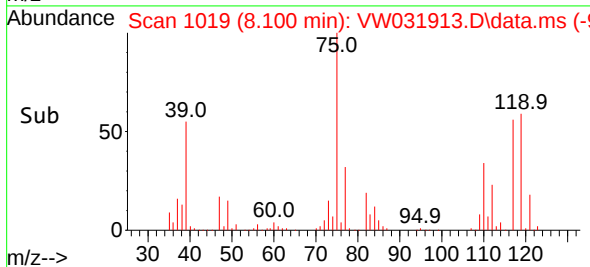
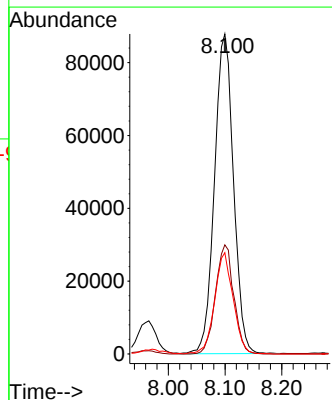
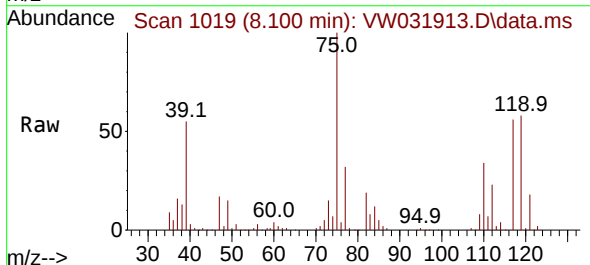
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

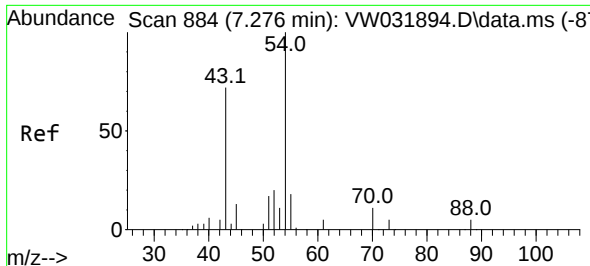
Tgt Ion:113 Resp: 130334
 Ion Ratio Lower Upper
 113 100
 111 105.0 79.9 119.9
 192 16.5 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 48.195 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VW031913.D
 Acq: 23 Jul 2025 15:36

Tgt Ion: 75 Resp: 204190
 Ion Ratio Lower Upper
 75 100
 110 33.0 17.0 50.9
 77 30.9 25.1 37.7

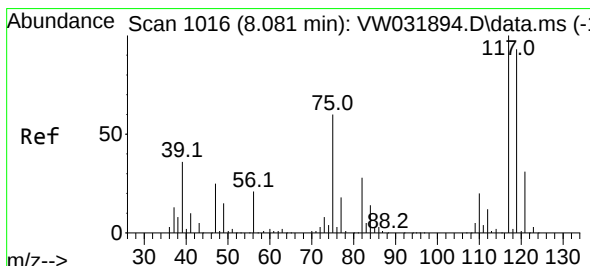
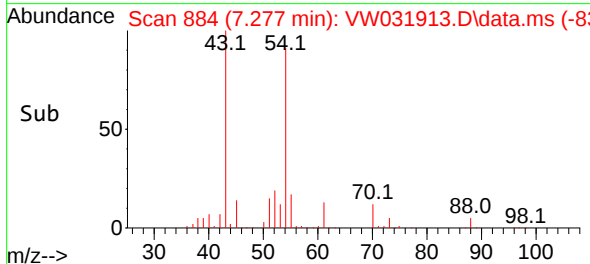
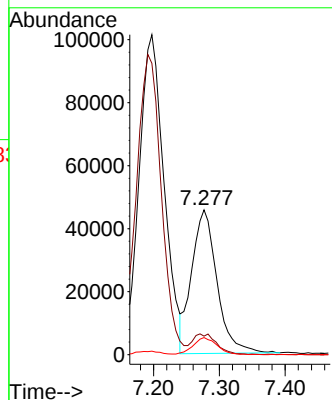
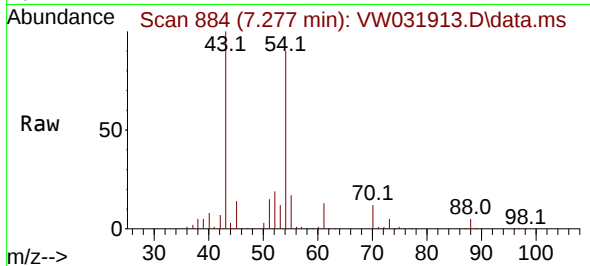




#37
Ethyl Acetate
Concen: 50.384 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

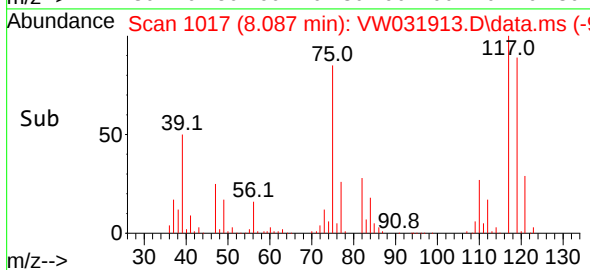
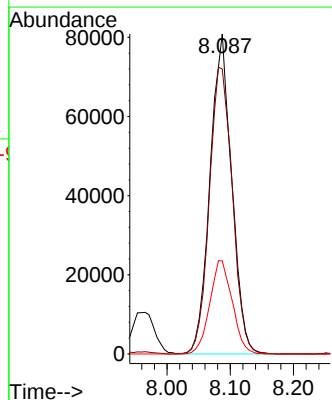
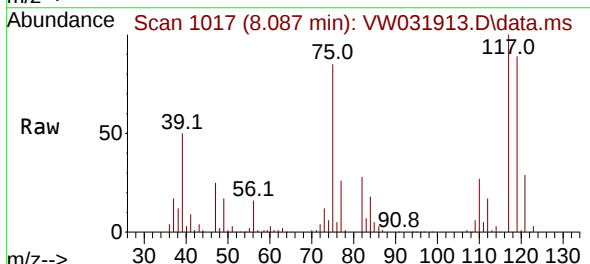
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

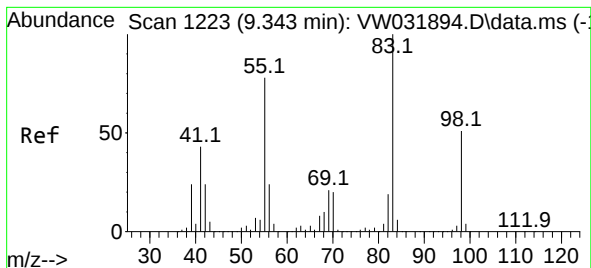
Tgt Ion: 43	Resp: 121773
Ion Ratio	Lower Upper
43 100	
61 14.2	10.6 15.8
70 10.9	9.0 13.4



#38
Carbon Tetrachloride
Concen: 47.263 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:117	Resp:	192174	
Ion	Ratio	Lower	Upper
117	100		
119	89.1	74.3	111.5
121	29.1	24.6	37.0





#39

Methylcyclohexane

Concen: 48.537 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

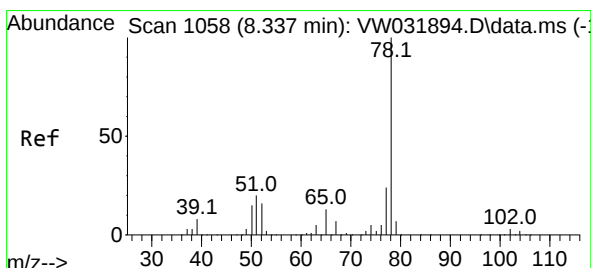
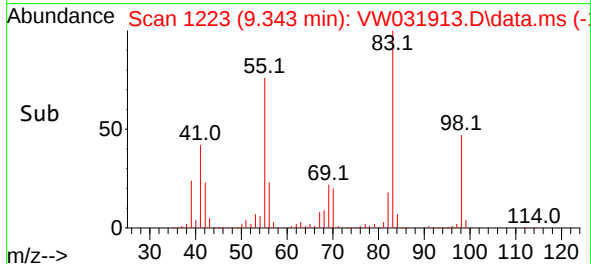
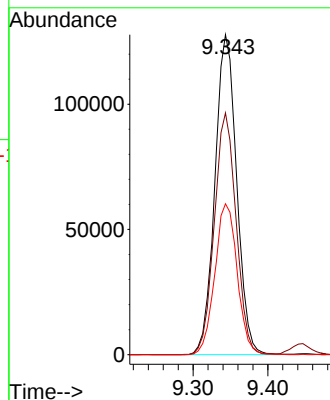
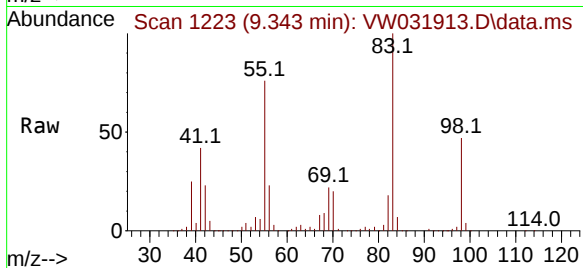
Tgt Ion: 83 Resp: 258793

Ion Ratio Lower Upper

83 100

55 75.6 62.5 93.7

98 47.1 40.6 61.0



#40

Benzene

Concen: 49.055 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031913.D

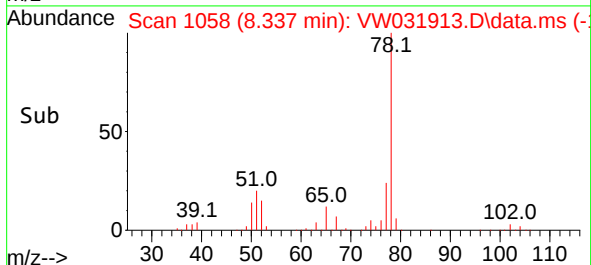
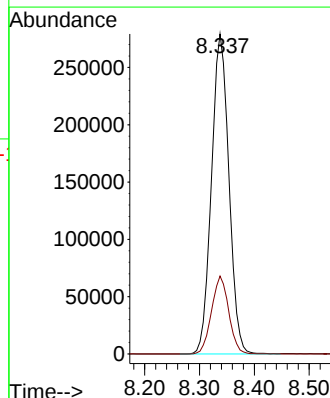
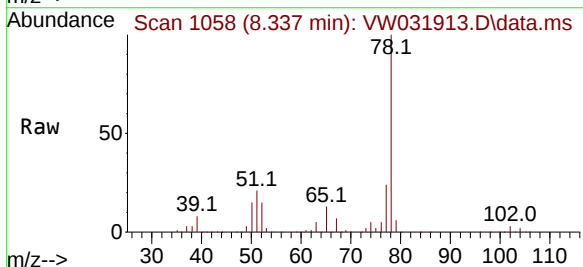
Acq: 23 Jul 2025 15:36

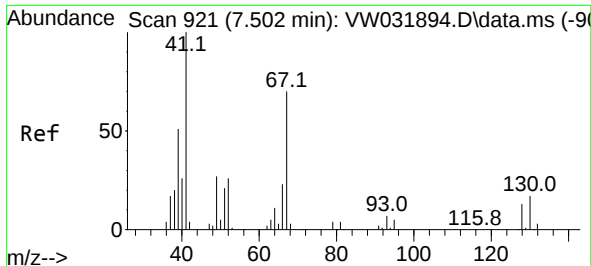
Tgt Ion: 78 Resp: 615232

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

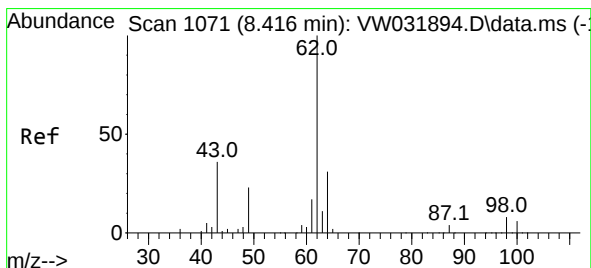
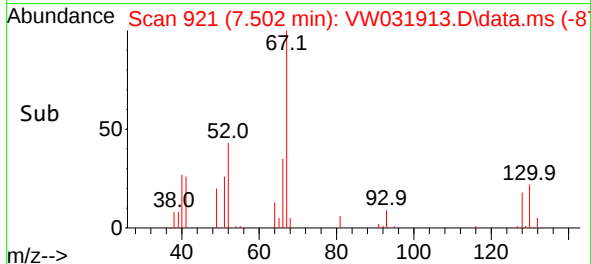
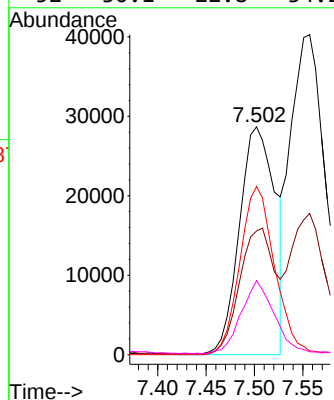
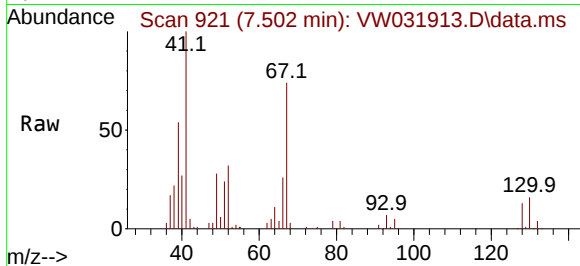




#41
Methacrylonitrile
Concen: 51.300 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

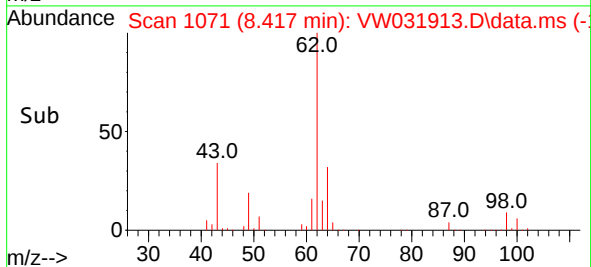
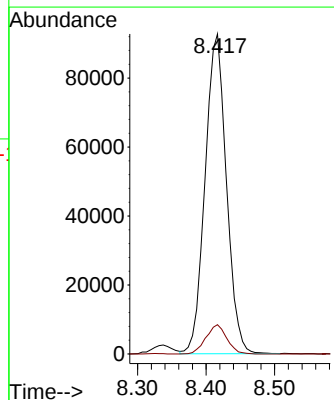
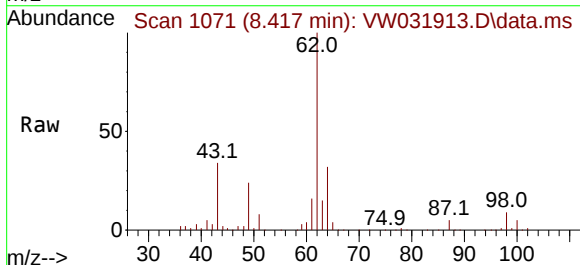
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

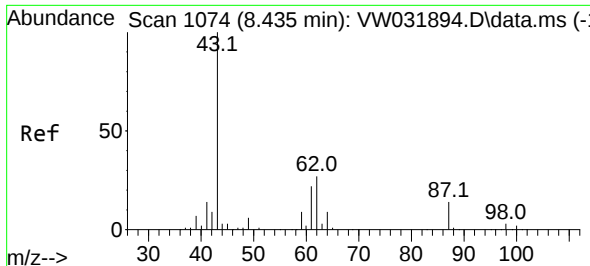
Tgt Ion:	41	Resp:	74221
Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.1	61.7
67	72.0	56.2	84.4
52	30.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 50.023 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:	62	Resp:	200789
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2

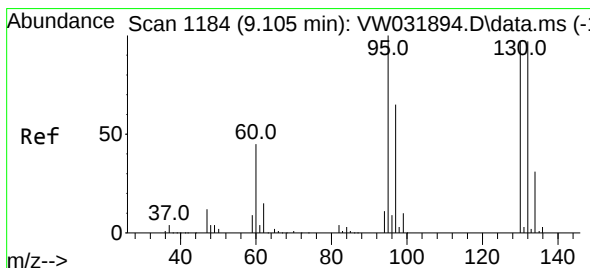
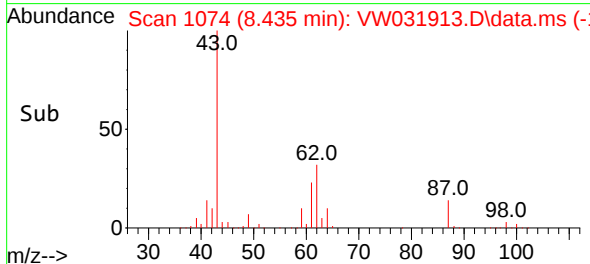
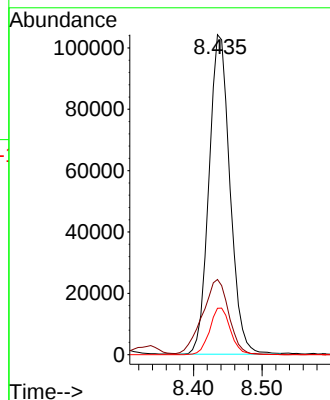
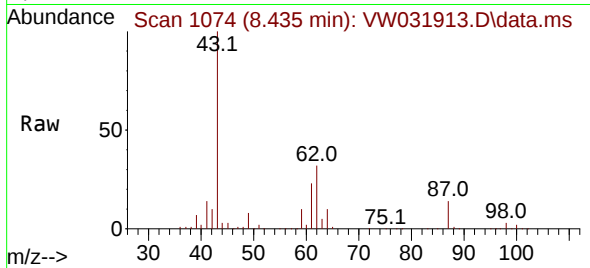




#43
Isopropyl Acetate
Concen: 50.730 ug/l
RT: 8.435 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

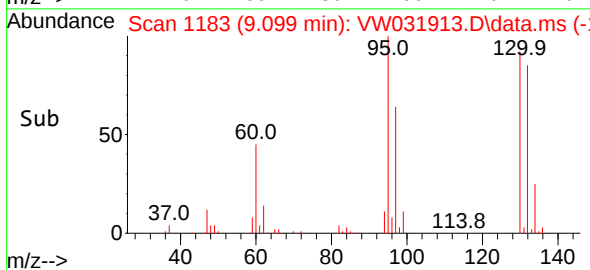
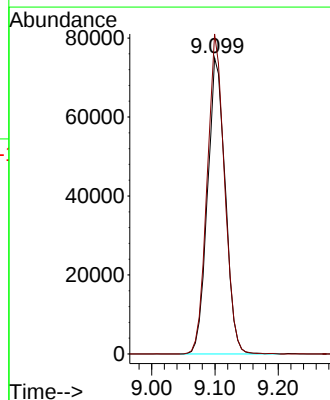
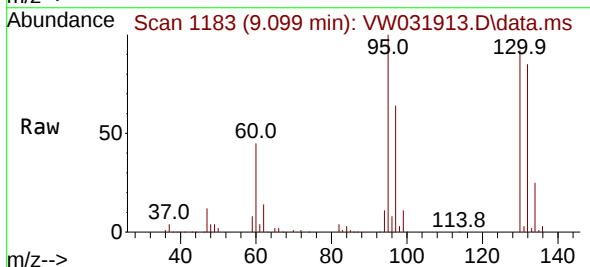
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

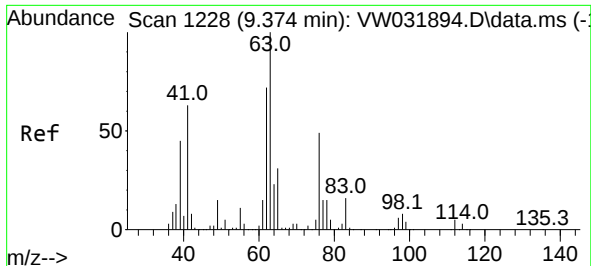
Tgt Ion: 43 Resp: 221963
Ion Ratio Lower Upper
43 100
61 29.6 24.0 36.0
87 14.5 11.1 16.7



#44
Trichloroethene
Concen: 49.092 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:130 Resp: 146346
Ion Ratio Lower Upper
130 100
95 108.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 48.759 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

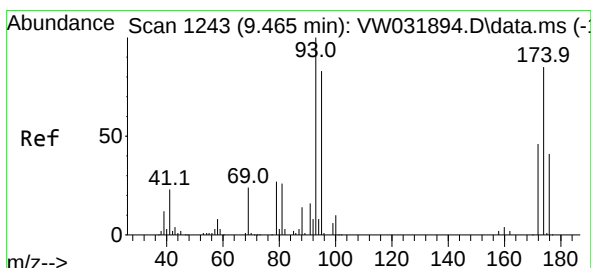
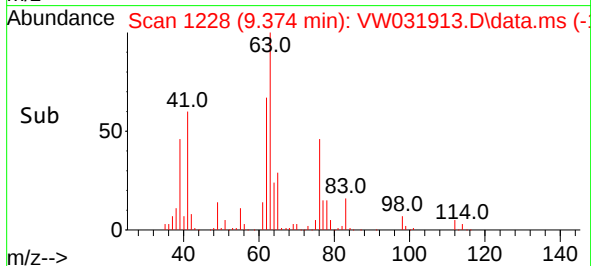
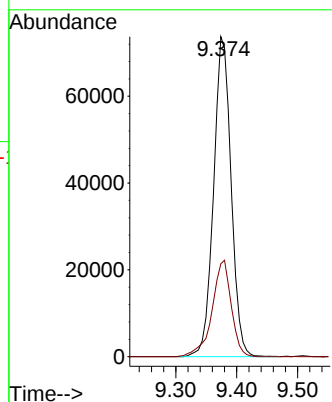
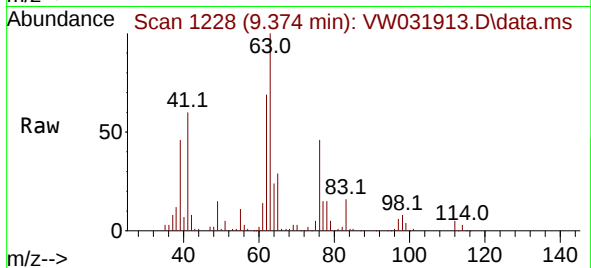
VSTDCCC050EC

Tgt Ion: 63 Resp: 147276

Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.4



#46

Dibromomethane

Concen: 49.325 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

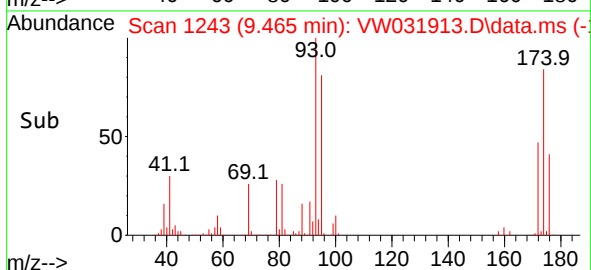
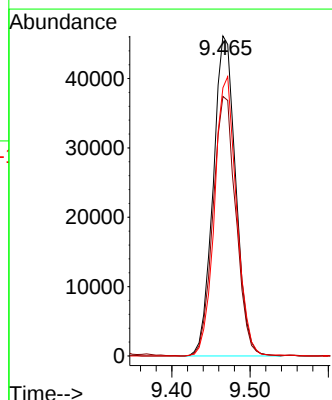
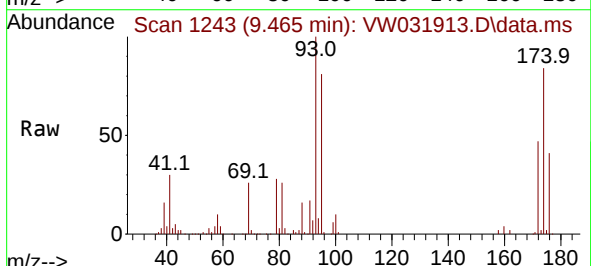
Tgt Ion: 93 Resp: 92354

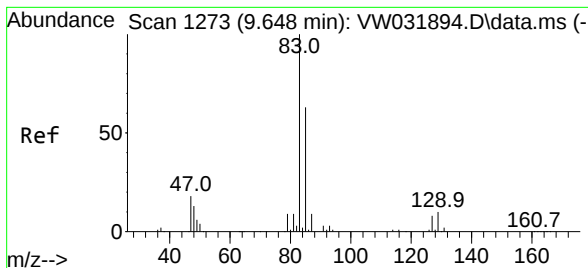
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 85.2 70.2 105.2





#47

Bromodichloromethane

Concen: 49.408 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

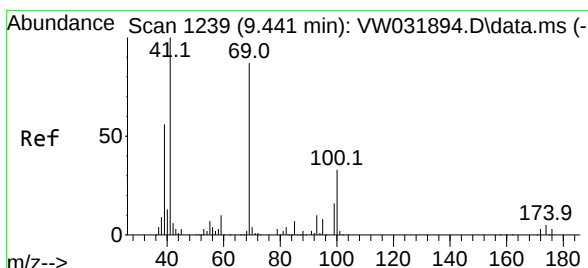
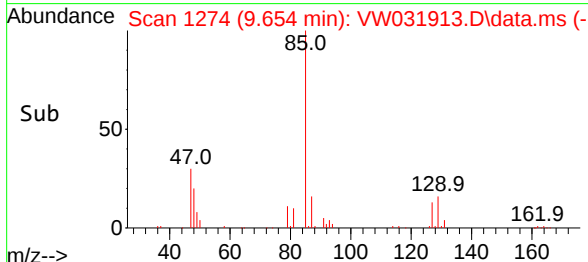
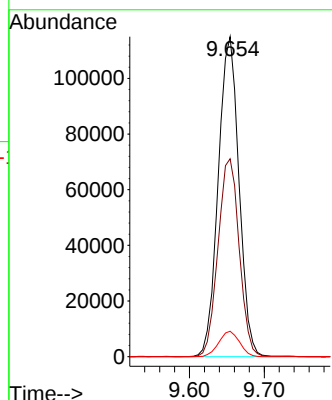
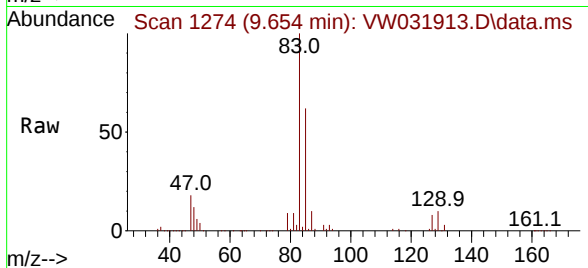
Tgt Ion: 83 Resp: 221831

Ion Ratio Lower Upper

83 100

85 61.8 50.6 76.0

127 8.0 6.5 9.7



#48

Methyl methacrylate

Concen: 57.386 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

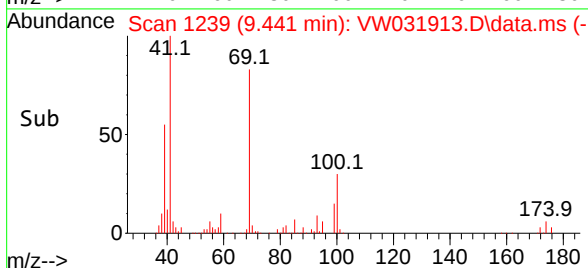
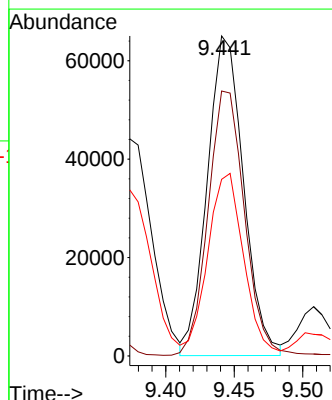
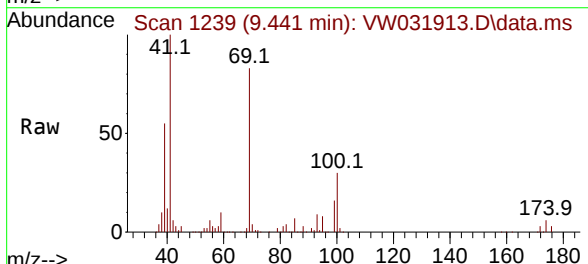
Tgt Ion: 41 Resp: 119455

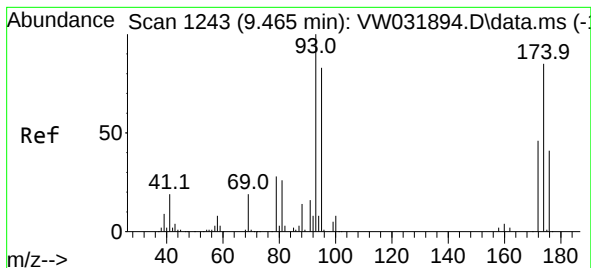
Ion Ratio Lower Upper

41 100

69 83.6 73.6 110.4

39 53.4 45.5 68.3





#49

1,4-Dioxane

Concen: 1079.326 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

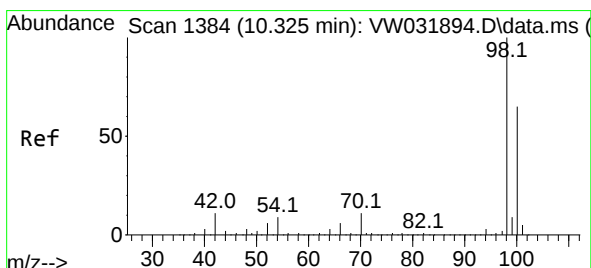
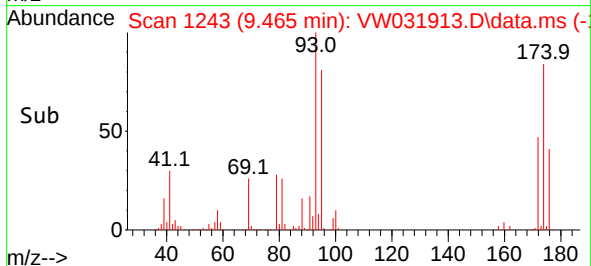
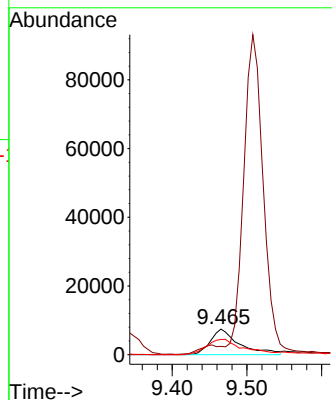
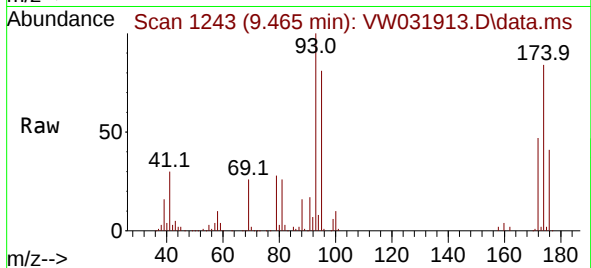
Tgt Ion: 88 Resp: 20165

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 74.5 58.2 87.2



#50

Toluene-d8

Concen: 47.606 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031913.D

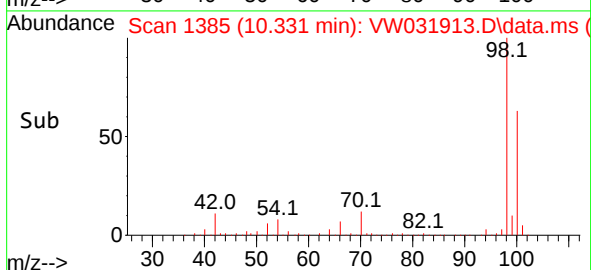
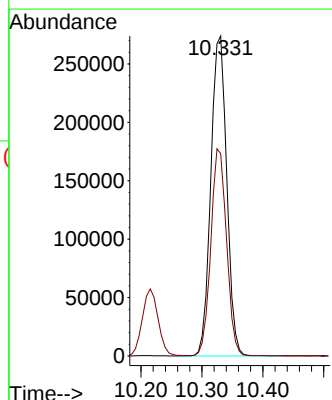
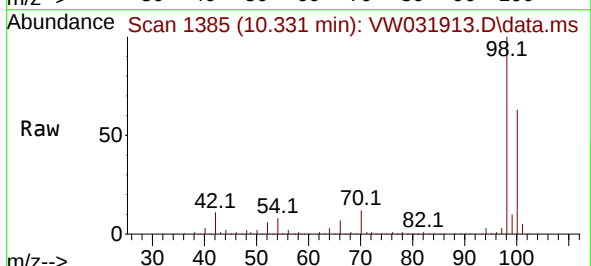
Acq: 23 Jul 2025 15:36

Tgt Ion: 98 Resp: 497065

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5

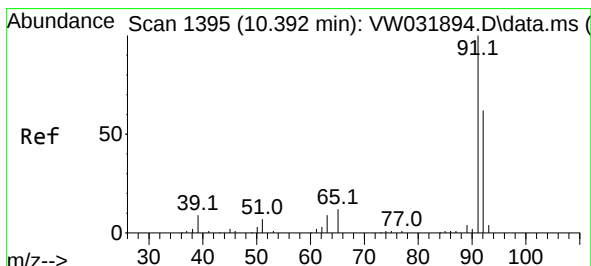
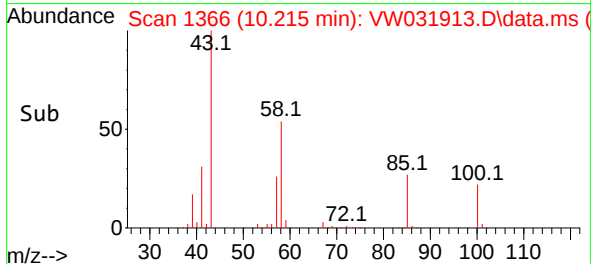
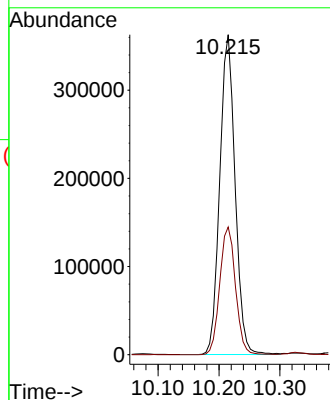
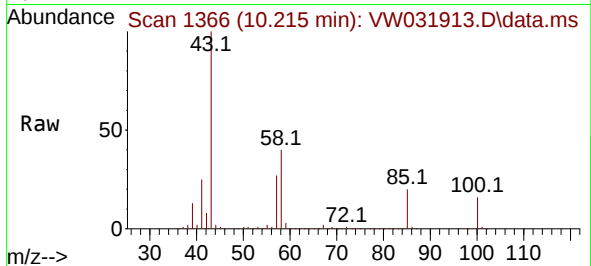




#51
4-Methyl-2-Pentanone
Concen: 265.481 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

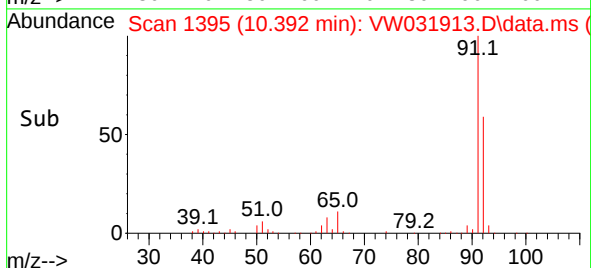
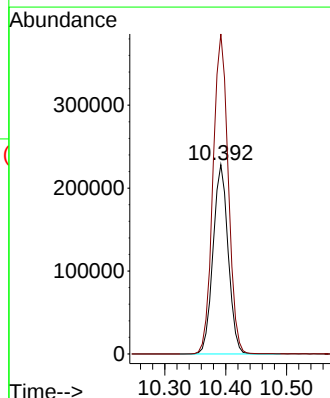
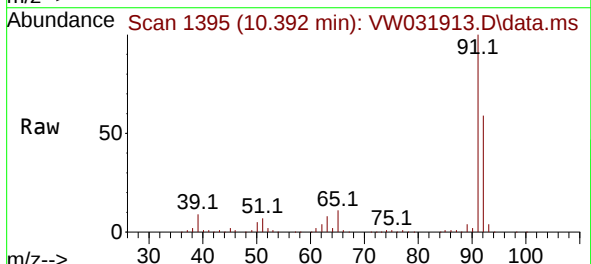
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

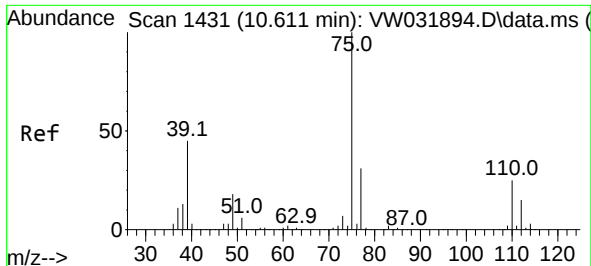
Tgt Ion: 43 Resp: 635700
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2



#52
Toluene
Concen: 48.691 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 92 Resp: 392558
Ion Ratio Lower Upper
92 100
91 170.9 133.7 200.5

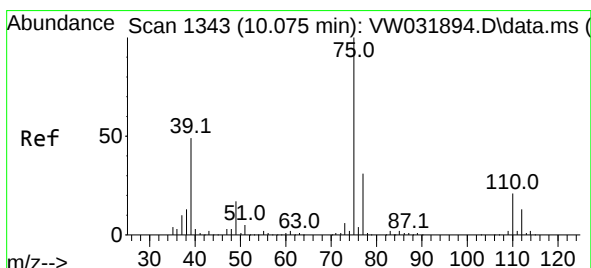
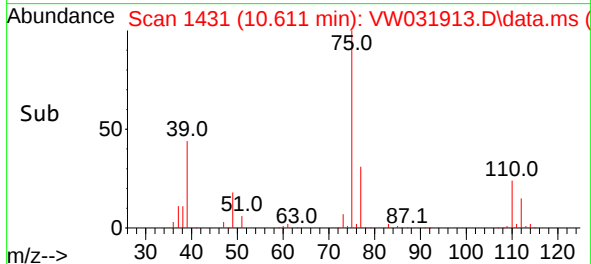
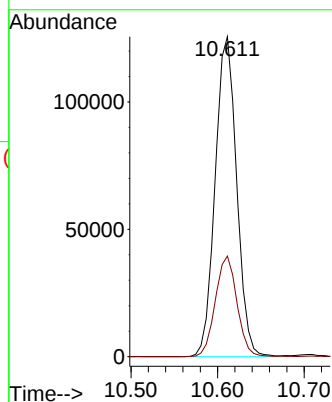
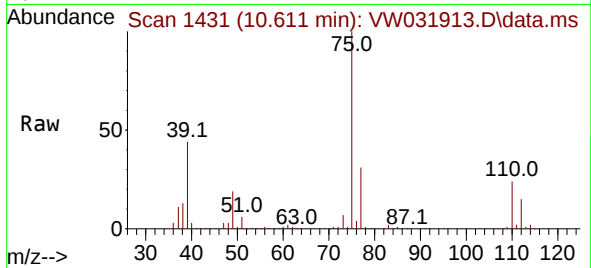




#53
t-1,3-Dichloropropene
Concen: 50.311 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

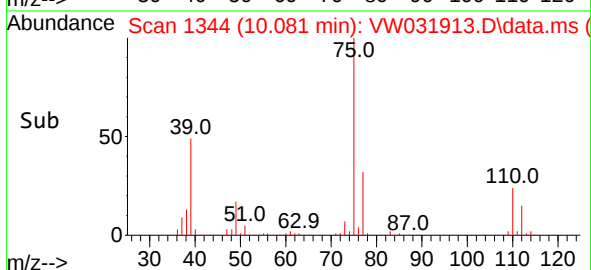
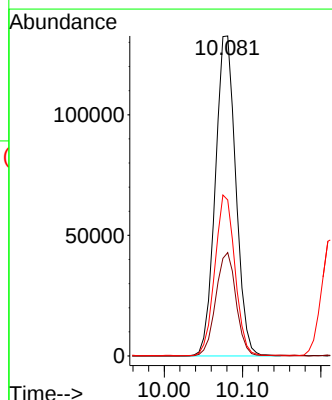
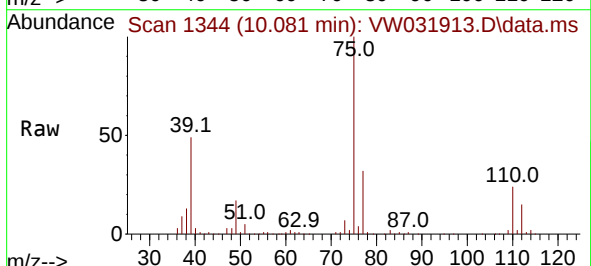
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

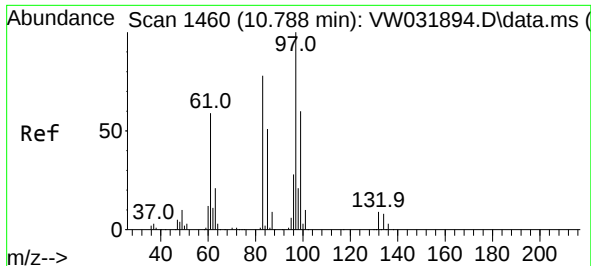
Tgt Ion: 75 Resp: 216681
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 49.133 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 75 Resp: 241656
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7
39 48.6 39.3 58.9

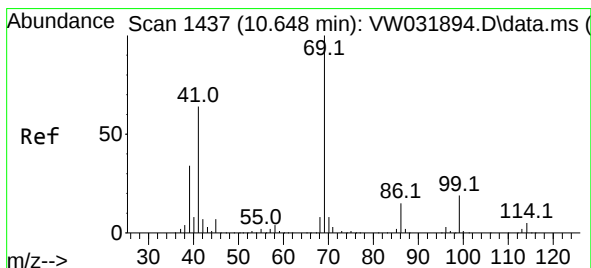
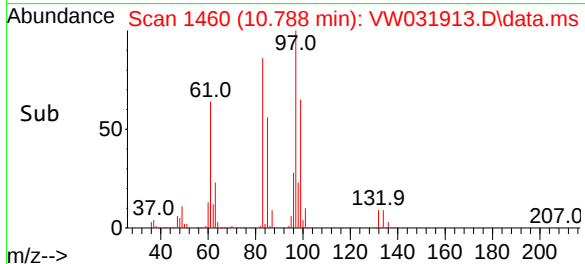
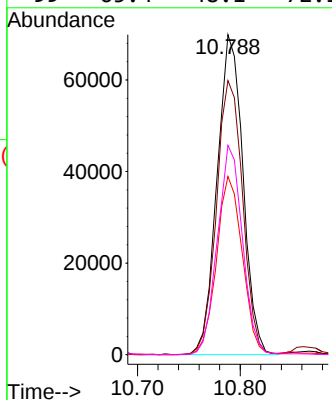
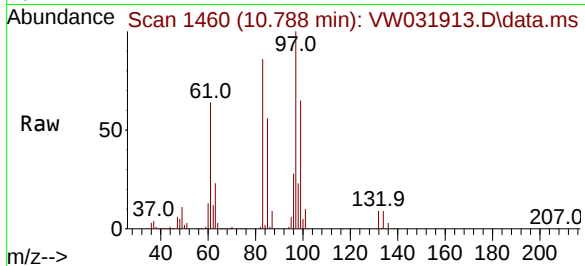




#55
1,1,2-Trichloroethane
Concen: 49.143 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

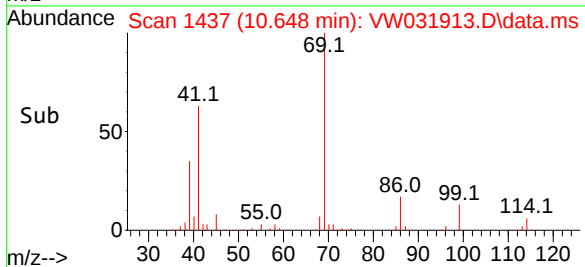
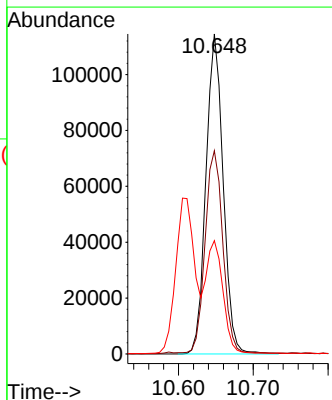
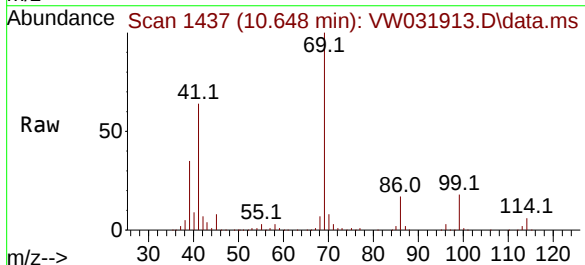
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

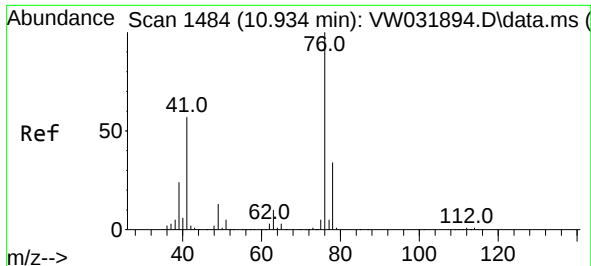
Tgt Ion:	97	Resp:	122223
Ion	Ratio	Lower	Upper
97	100		
83	85.6	62.4	93.6
85	55.6	41.0	61.6
99	65.4	48.1	72.1



#56
Ethyl methacrylate
Concen: 52.152 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:	69	Resp:	183188
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.0	78.0
39	34.5	26.6	40.0

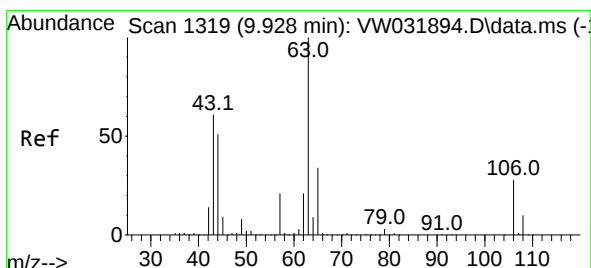
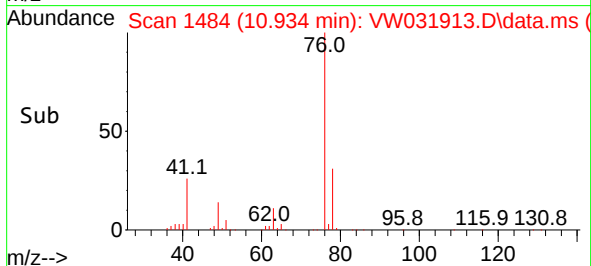
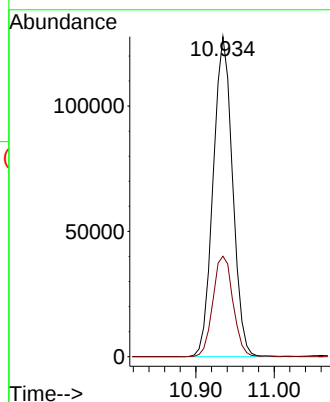
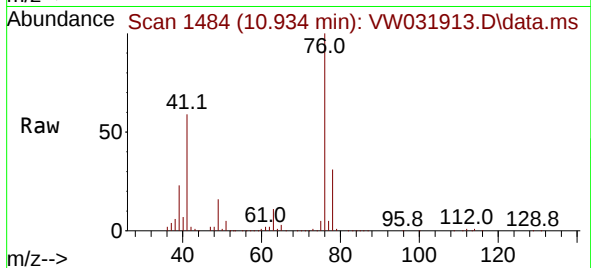




#57
1,3-Dichloropropane
Concen: 50.171 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

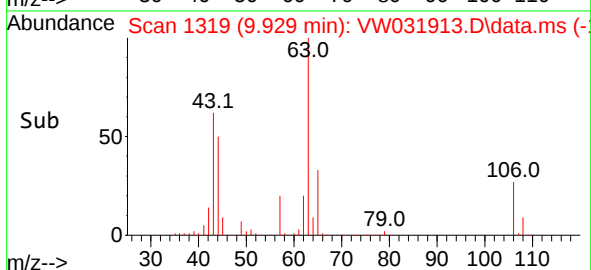
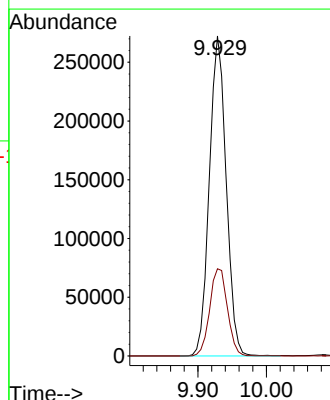
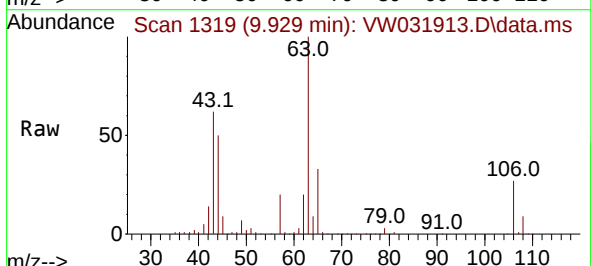
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

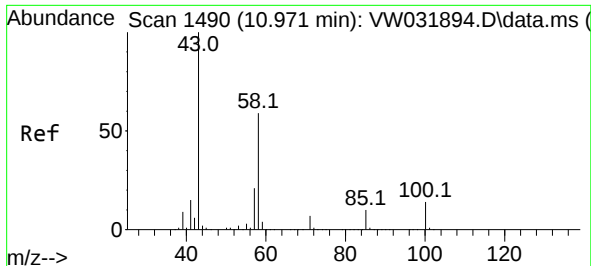
Tgt Ion: 76 Resp: 219828
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 258.098 ug/l
RT: 9.929 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 63 Resp: 465667
Ion Ratio Lower Upper
63 100
106 28.5 22.7 34.1

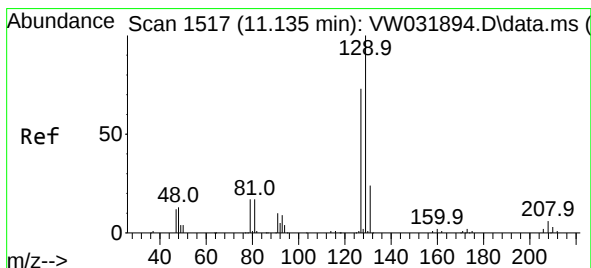
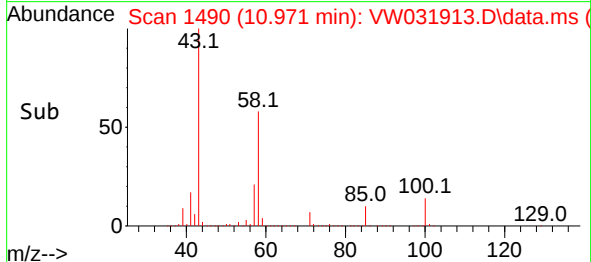
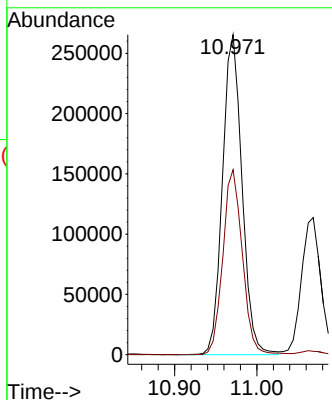
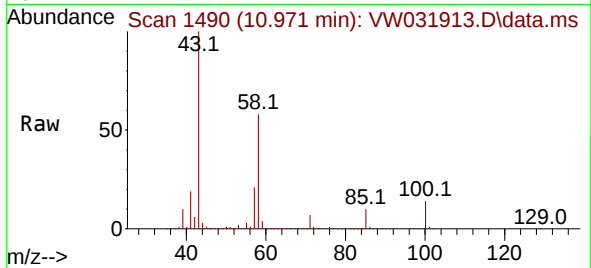




#59
2-Hexanone
Concen: 262.888 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

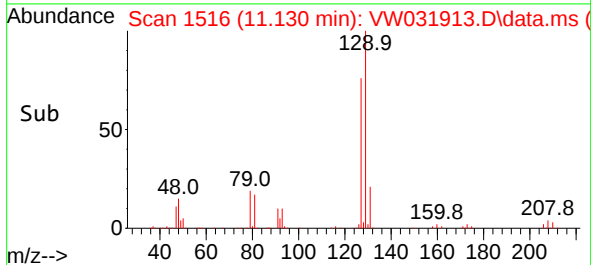
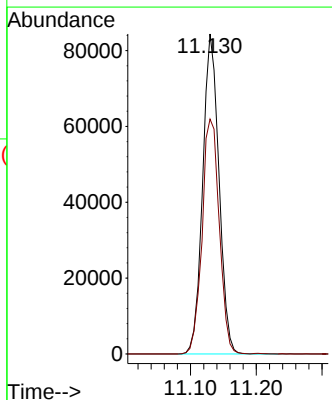
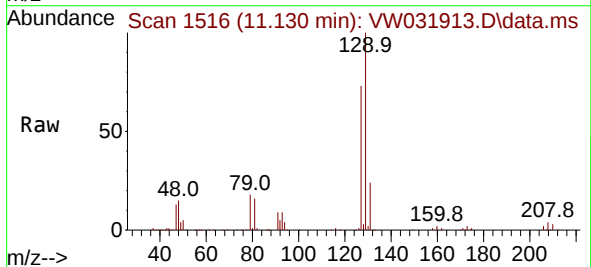
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

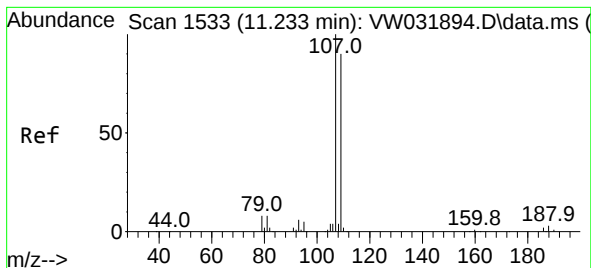
Tgt Ion: 43 Resp: 437558
Ion Ratio Lower Upper
43 100
58 57.8 28.5 85.6



#60
Dibromochloromethane
Concen: 50.061 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:129 Resp: 145164
Ion Ratio Lower Upper
129 100
127 77.3 39.6 118.8

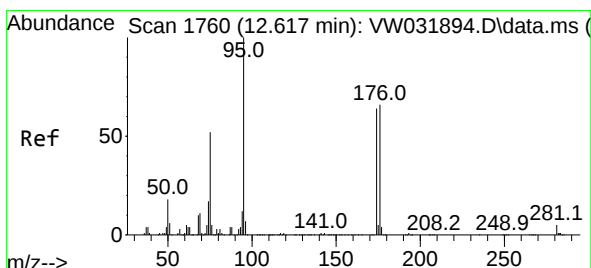
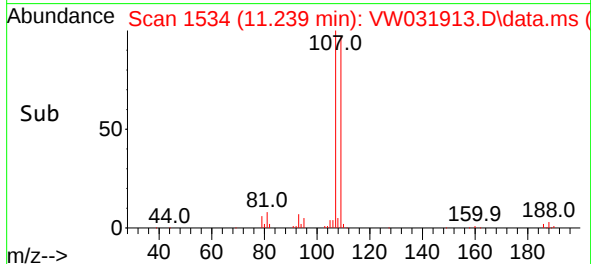
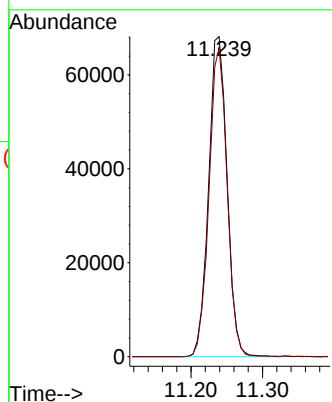
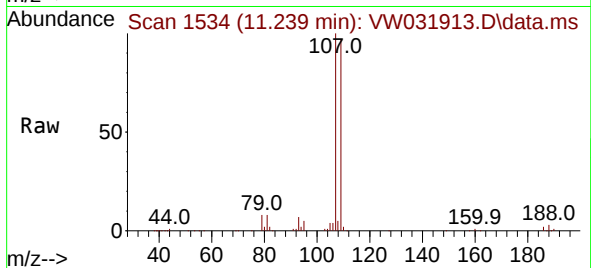




#61
1,2-Dibromoethane
Concen: 49.745 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

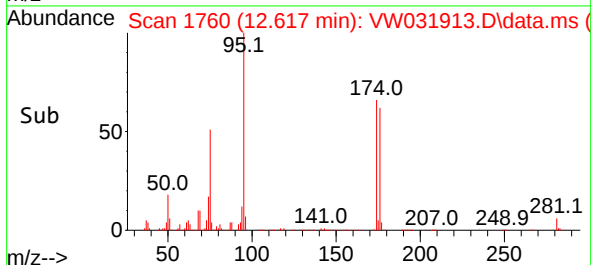
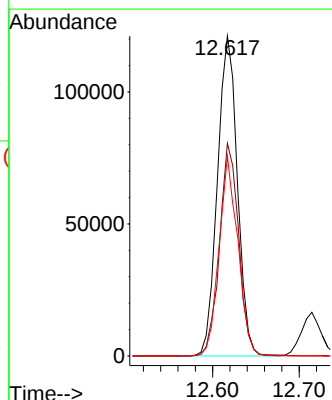
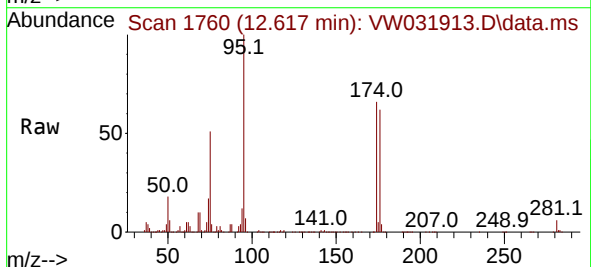
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

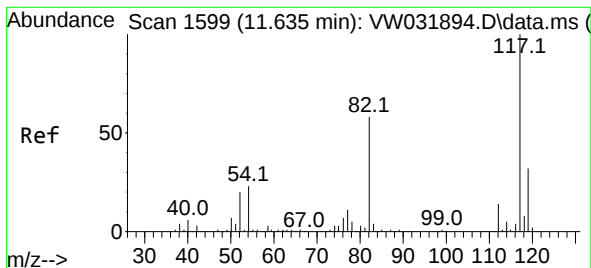
Tgt Ion:107 Resp: 122250
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.396 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 95 Resp: 194030
Ion Ratio Lower Upper
95 100
174 63.9 0.0 129.8
176 59.0 0.0 130.4

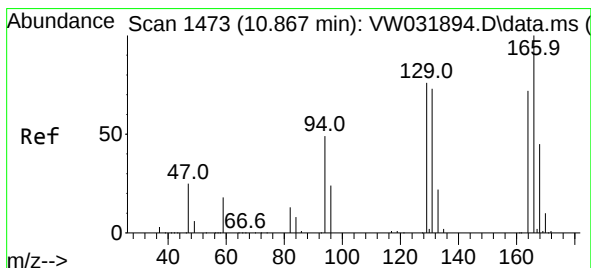
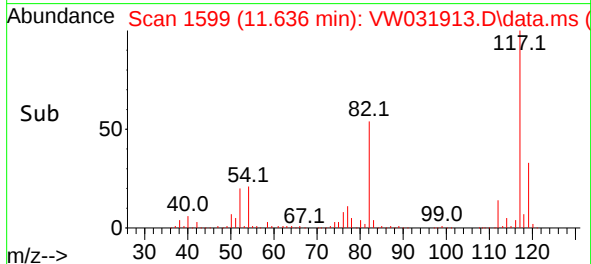
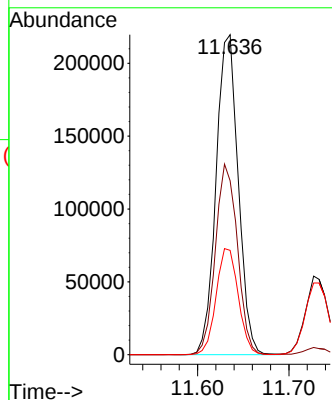
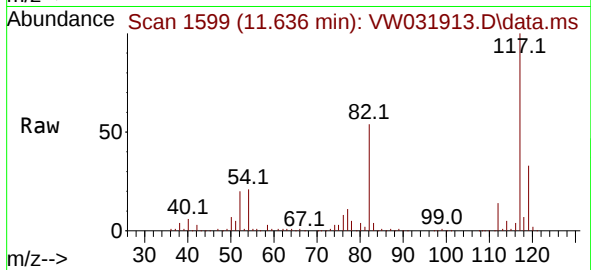




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

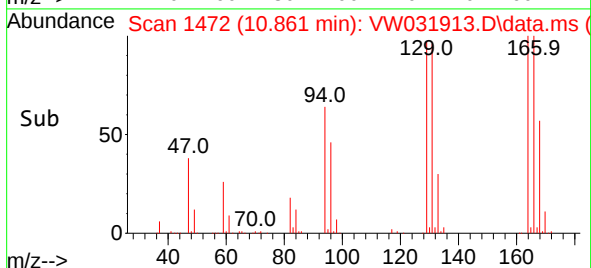
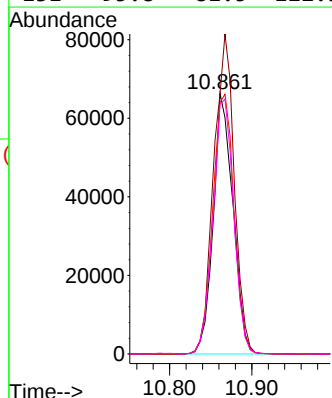
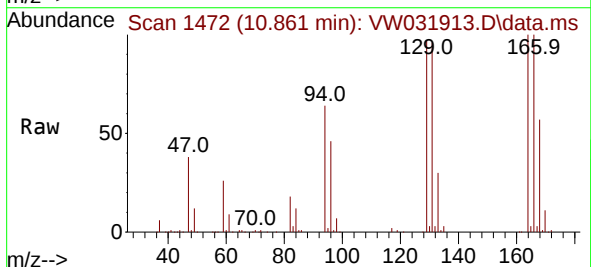
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

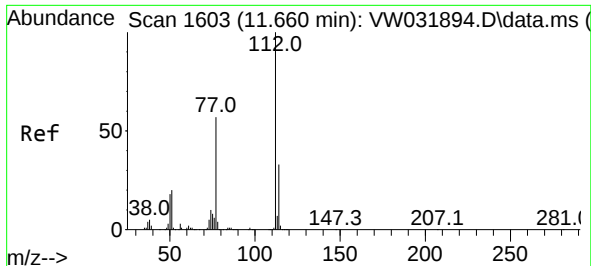
Tgt Ion:117 Resp: 370382
Ion Ratio Lower Upper
117 100
82 54.4 46.5 69.7
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 45.294 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:164 Resp: 110606
Ion Ratio Lower Upper
164 100
166 99.8 111.5 167.3#
129 96.6 85.1 127.7
131 95.8 81.5 122.3

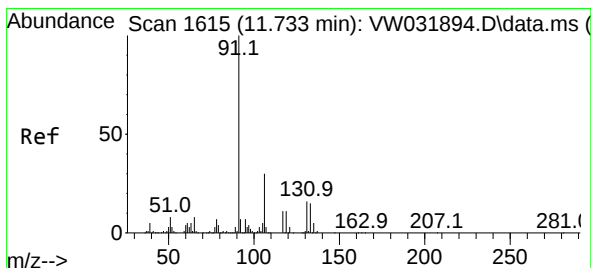
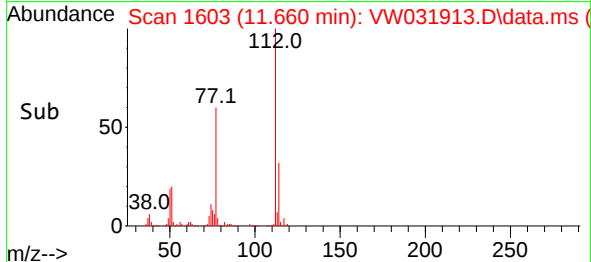
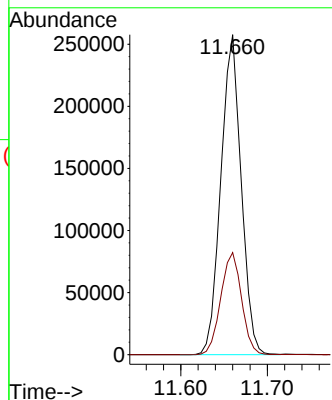
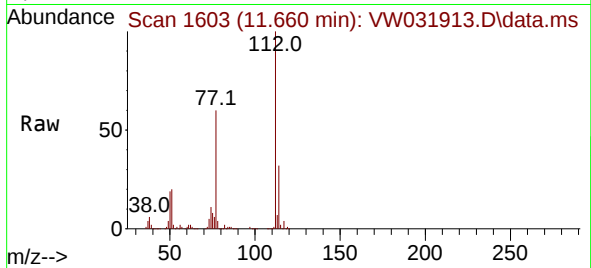




#65
Chlorobenzene
Concen: 46.285 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

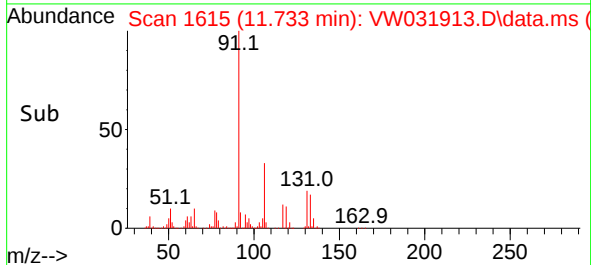
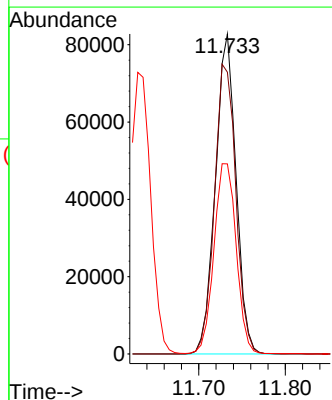
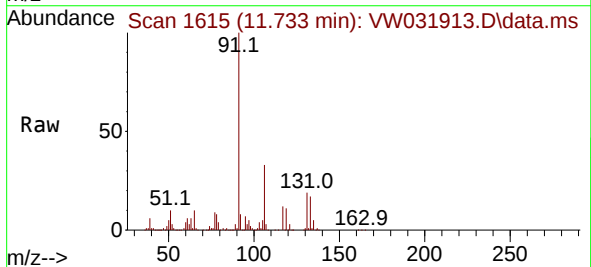
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

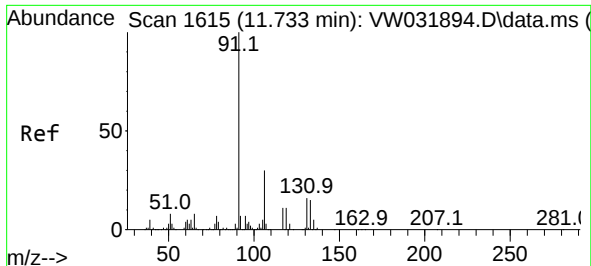
Tgt Ion:112 Resp: 419567
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.802 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:131 Resp: 137144
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.4
119 64.4 33.7 101.1

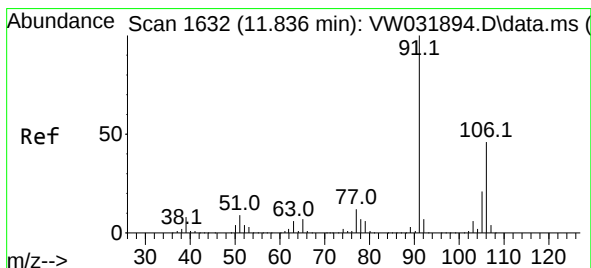
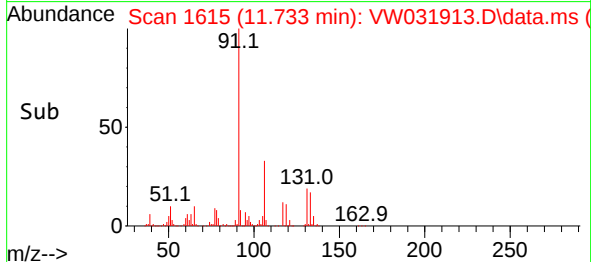
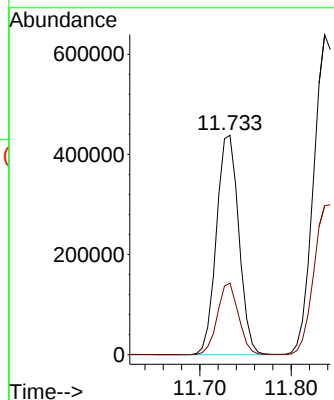
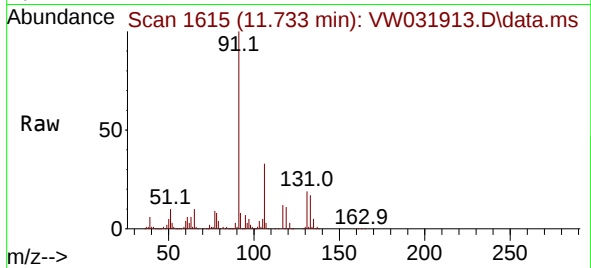




#67
Ethyl Benzene
Concen: 46.857 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

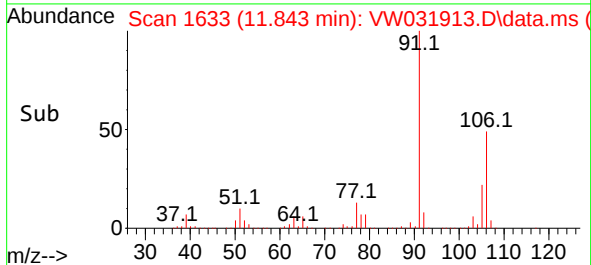
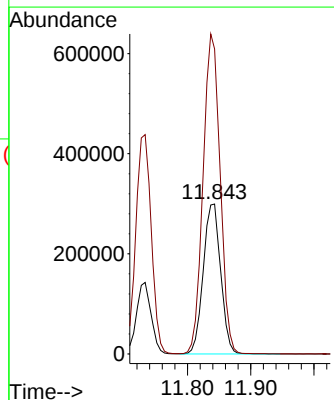
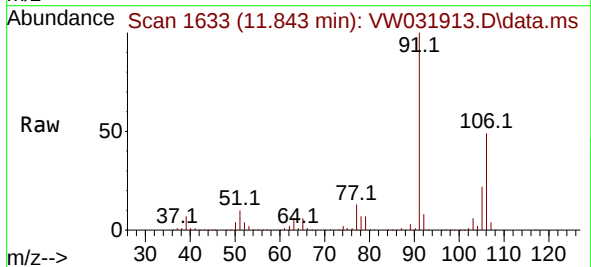
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

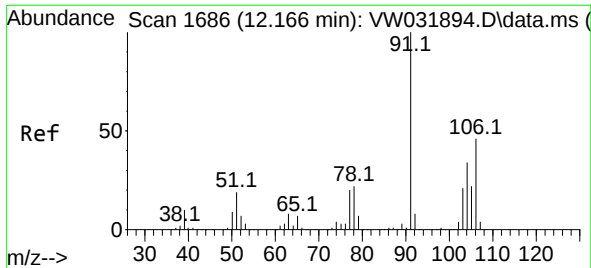
Tgt Ion: 91 Resp: 746289
Ion Ratio Lower Upper
91 100
106 32.6 23.8 35.6



#68
m/p-Xylenes
Concen: 95.669 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:106 Resp: 573613
Ion Ratio Lower Upper
106 100
91 209.7 167.7 251.5

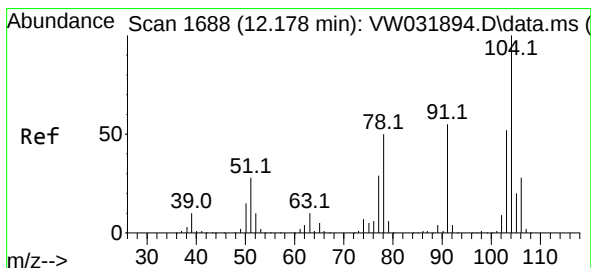
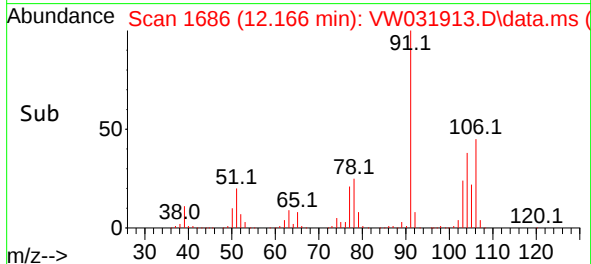
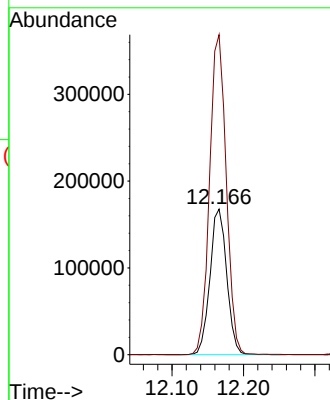
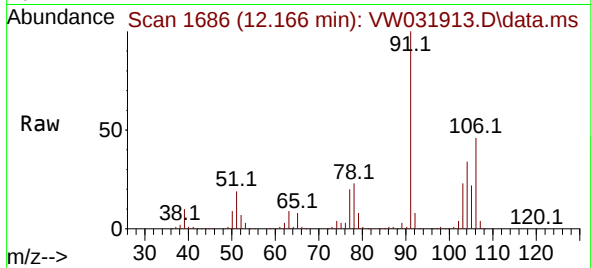




#69
o-Xylene
Concen: 48.190 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

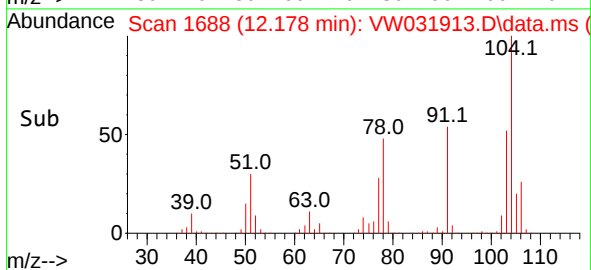
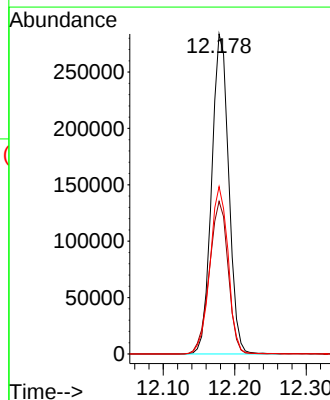
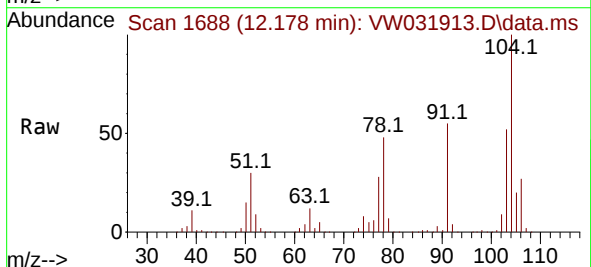
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

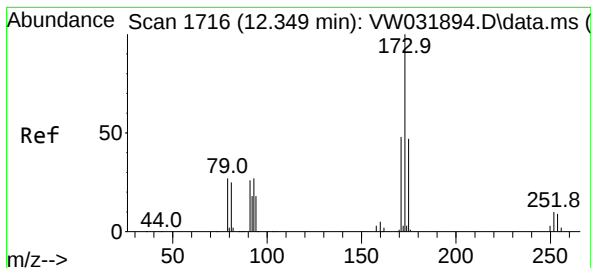
Tgt Ion:106 Resp: 273444
Ion Ratio Lower Upper
106 100
91 218.3 108.2 324.6



#70
Styrene
Concen: 48.749 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:104 Resp: 470963
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 55.5 42.8 64.2





#71

Bromoform

Concen: 48.787 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

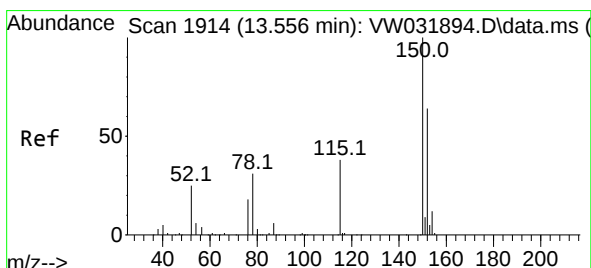
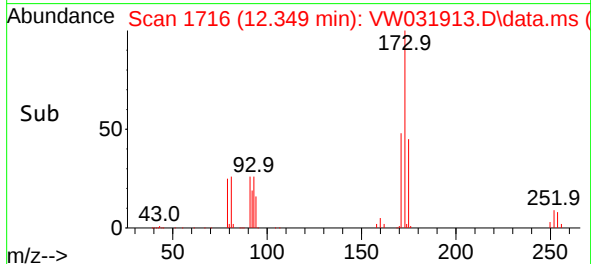
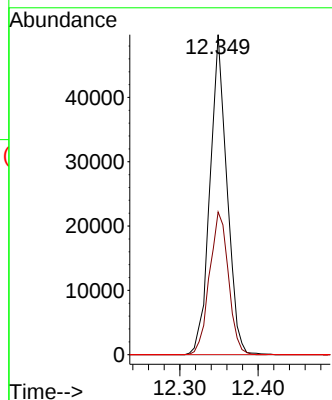
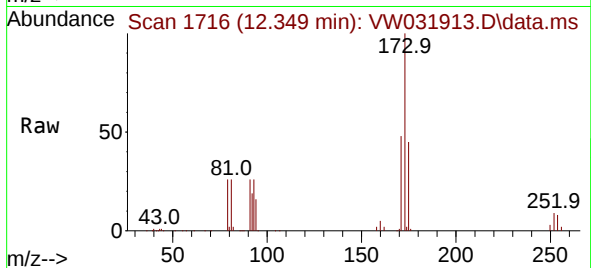
Tgt Ion:173 Resp: 74982

Ion Ratio Lower Upper

173 100

175 49.5 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

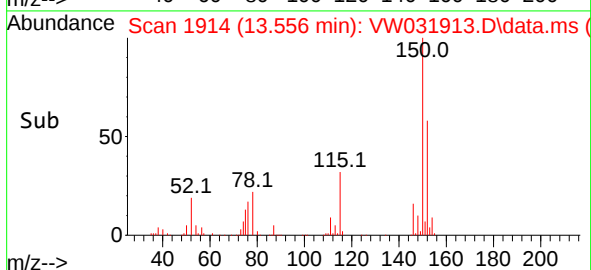
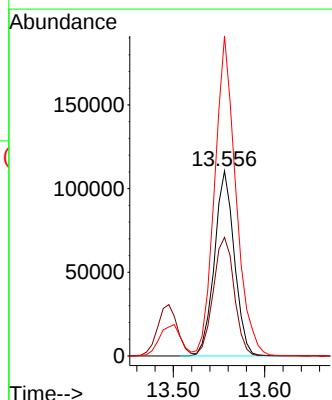
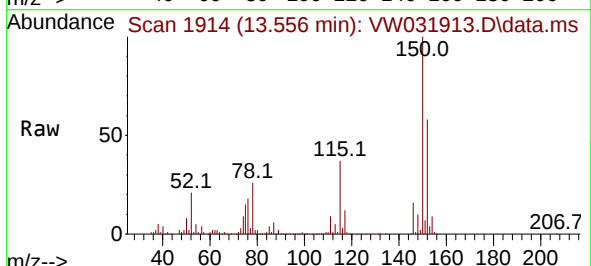
Tgt Ion:152 Resp: 167321

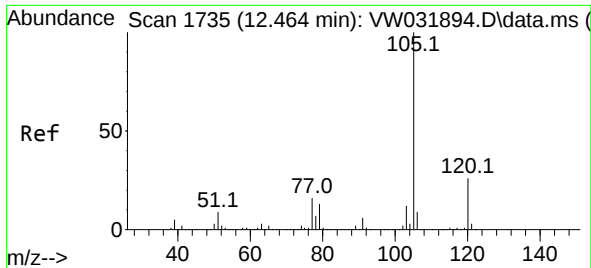
Ion Ratio Lower Upper

152 100

115 67.5 33.4 100.1

150 184.9 0.0 352.2

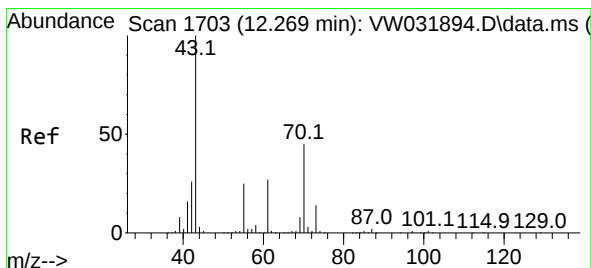
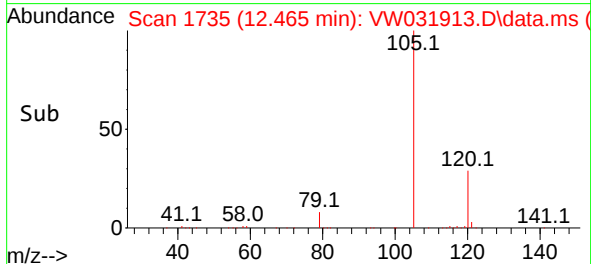
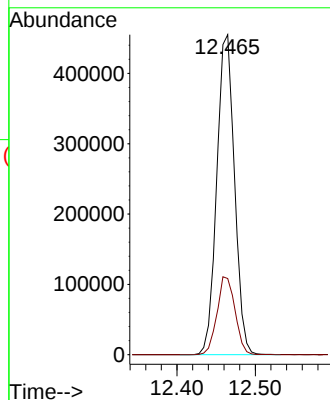
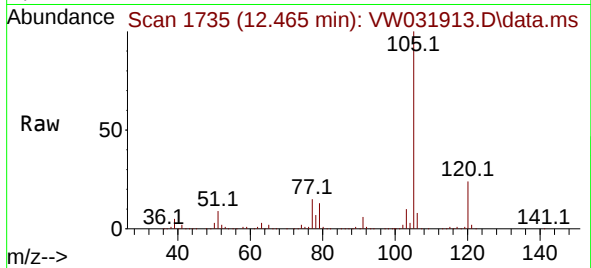




#73
Isopropylbenzene
Concen: 49.346 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

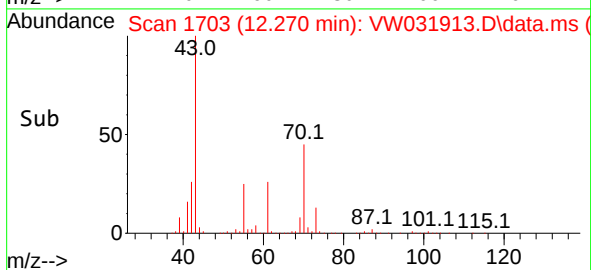
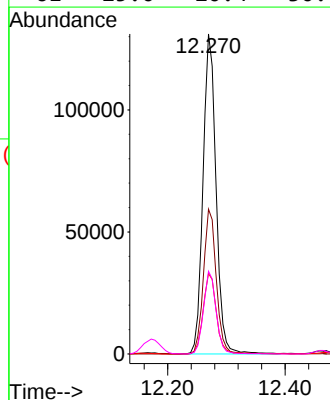
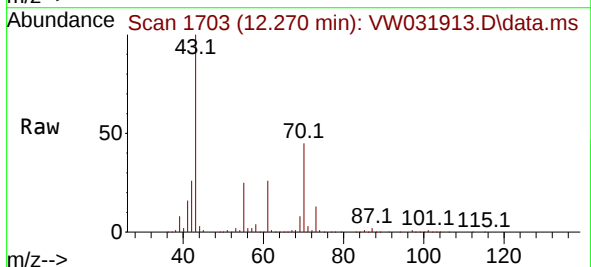
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

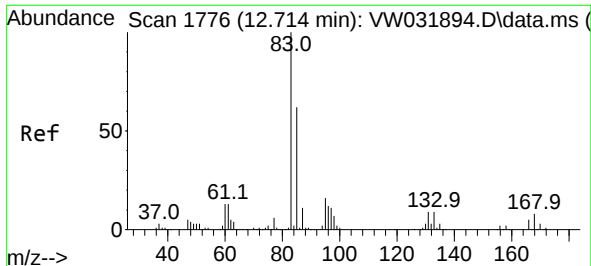
Tgt Ion:105 Resp: 716391
Ion Ratio Lower Upper
105 100
120 24.8 12.6 37.8



#74
N-ethyl acetate
Concen: 51.369 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 43 Resp: 201615
Ion Ratio Lower Upper
43 100
70 44.9 36.6 55.0
55 25.8 20.7 31.1
61 25.0 20.4 30.6

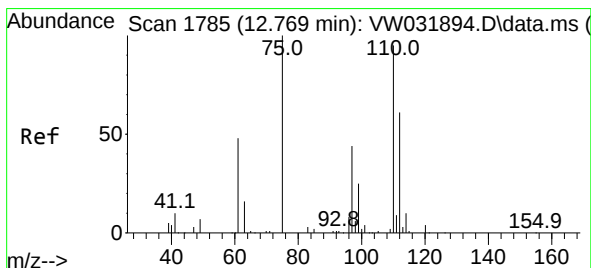
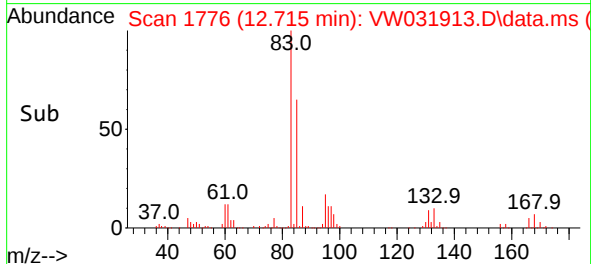
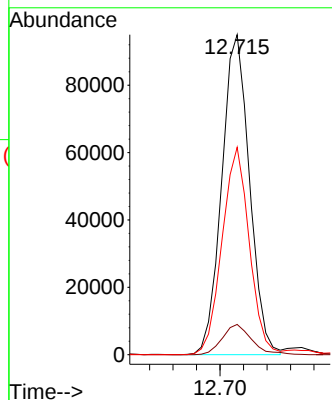
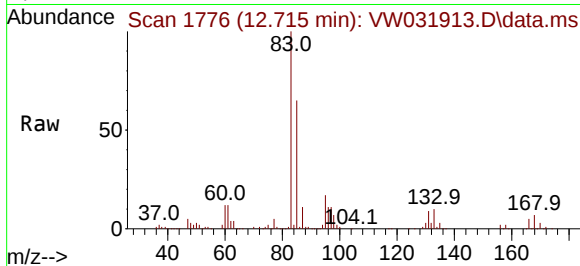




#75
1,1,2,2-Tetrachloroethane
Concen: 50.593 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

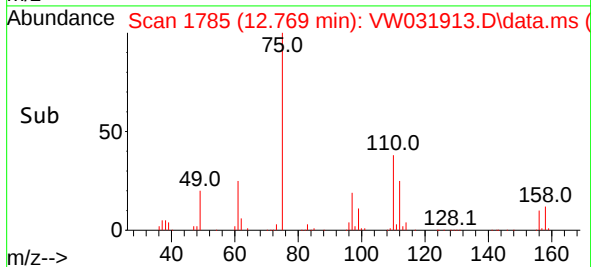
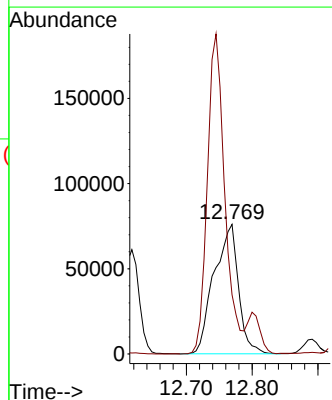
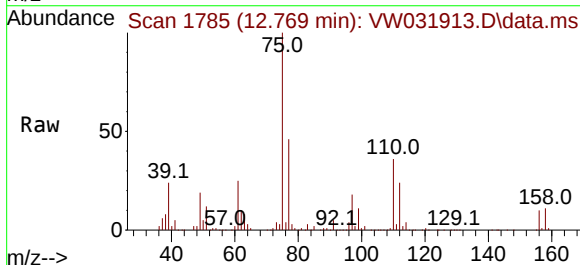
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

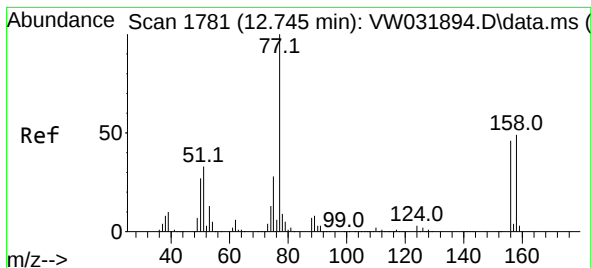
Tgt Ion: 83 Resp: 155907
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 85.036 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 75 Resp: 196442
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.648 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

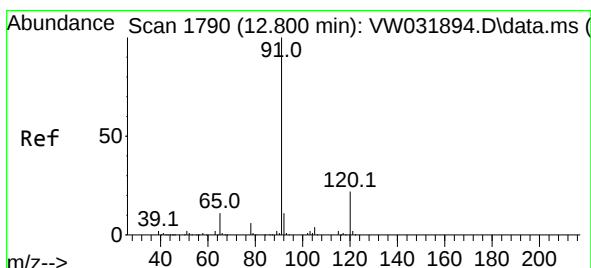
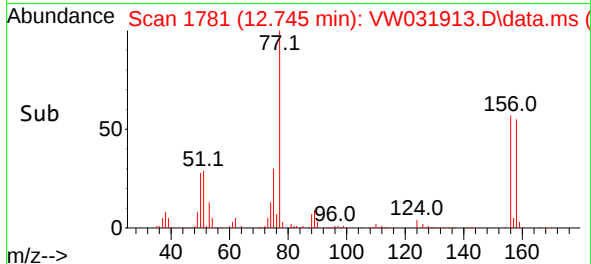
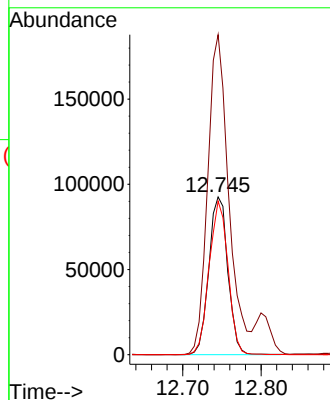
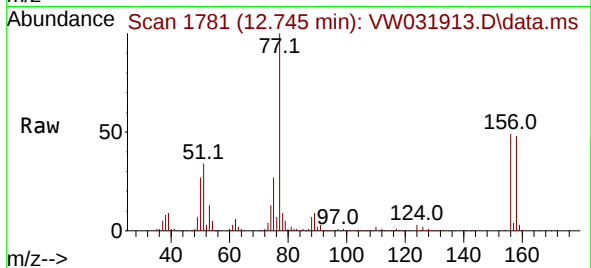
Tgt Ion:156 Resp: 155952

Ion Ratio Lower Upper

156 100

77 224.5 115.3 345.8

158 97.0 50.1 150.3



#78

n-propylbenzene

Concen: 48.489 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031913.D

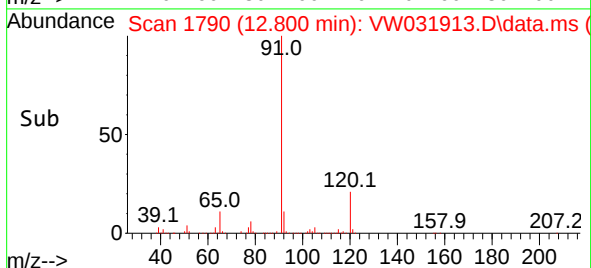
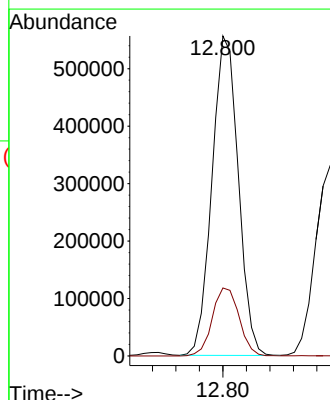
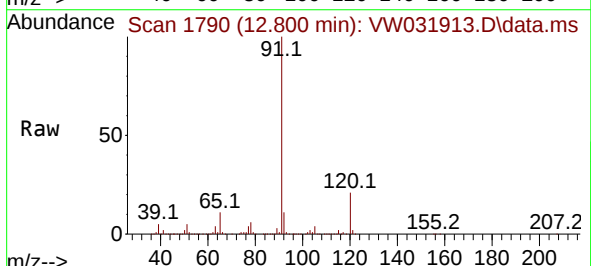
Acq: 23 Jul 2025 15:36

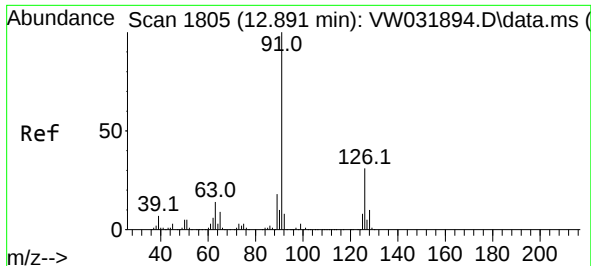
Tgt Ion: 91 Resp: 864593

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.6





#79

2-Chlorotoluene

Concen: 48.967 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

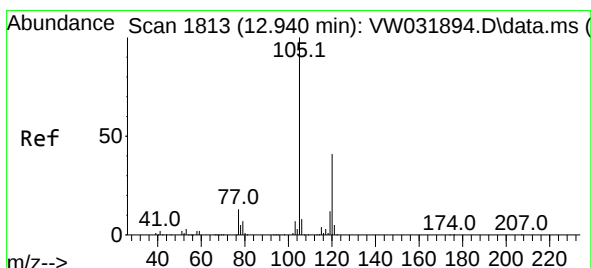
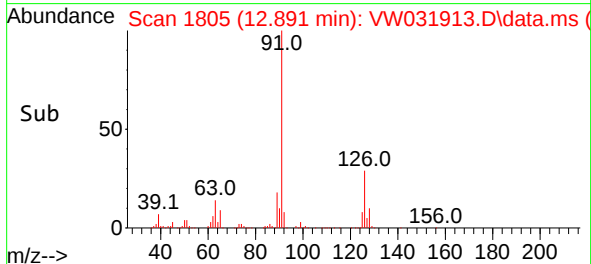
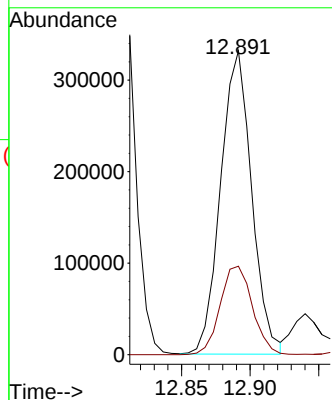
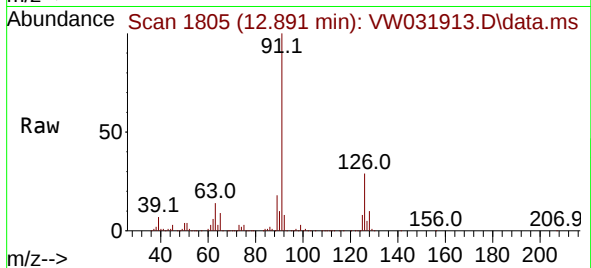
VSTDCCC050EC

Tgt Ion: 91 Resp: 521301

Ion Ratio Lower Upper

91 100

126 30.4 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 47.910 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031913.D

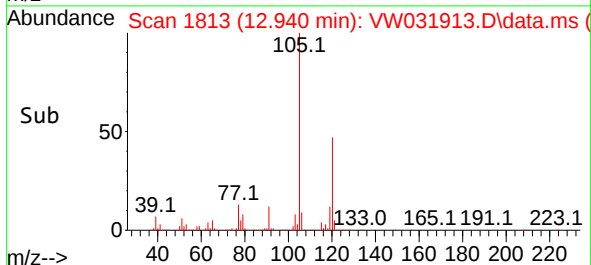
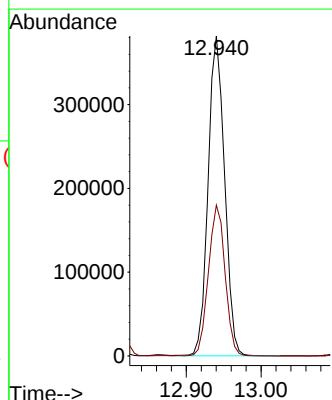
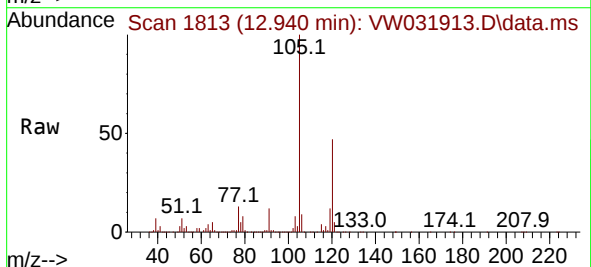
Acq: 23 Jul 2025 15:36

Tgt Ion:105 Resp: 583353

Ion Ratio Lower Upper

105 100

120 47.8 23.5 70.5

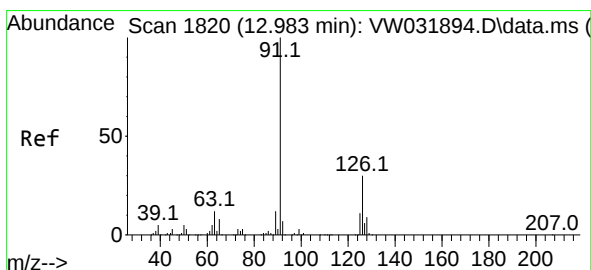
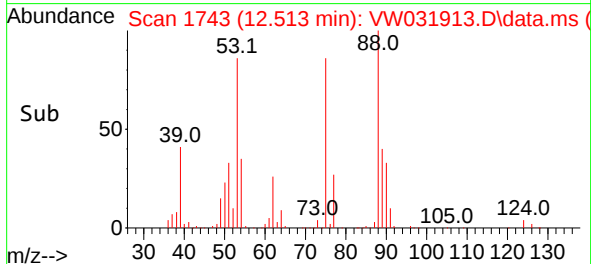
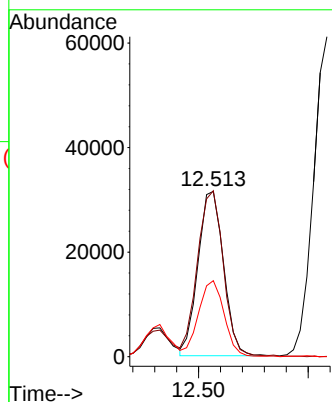
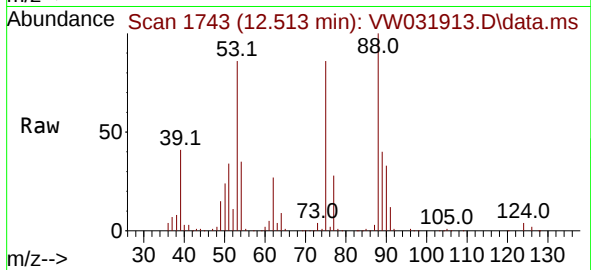




#81
trans-1,4-Dichloro-2-butene
Concen: 50.947 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

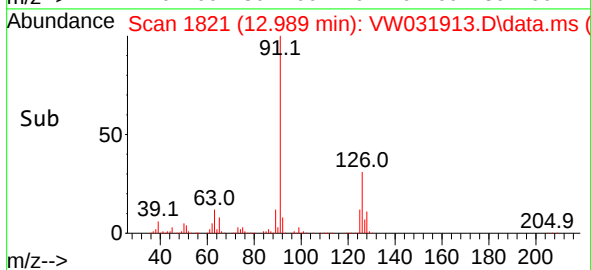
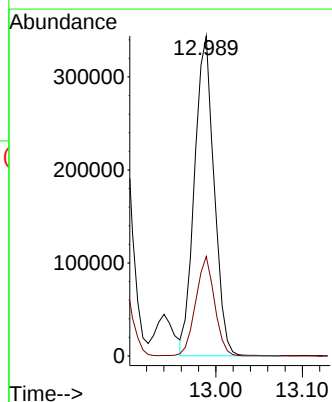
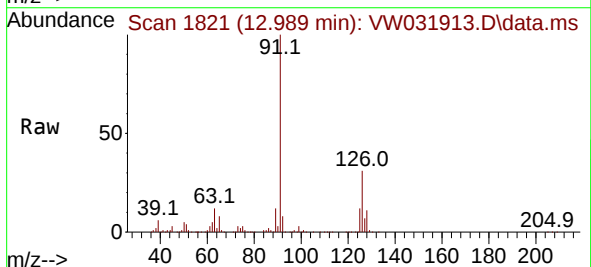
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

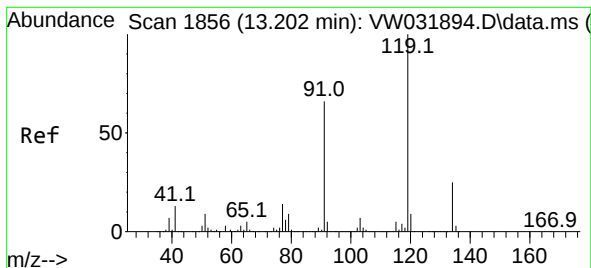
Tgt Ion: 75 Resp: 50978
Ion Ratio Lower Upper
75 100
53 103.3 83.7 125.5
89 46.7 39.0 58.6



#82
4-Chlorotoluene
Concen: 48.197 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 91 Resp: 538291
Ion Ratio Lower Upper
91 100
126 30.0 15.8 47.3

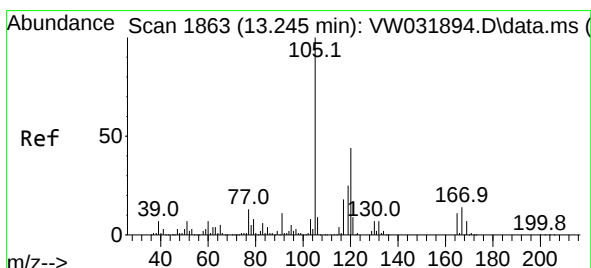
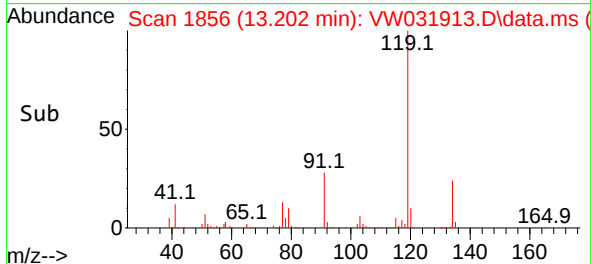
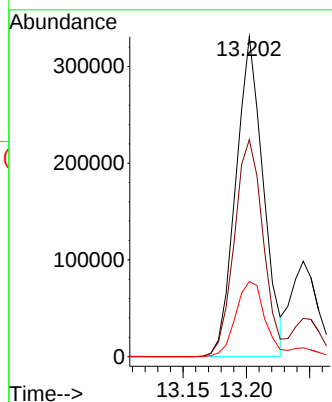
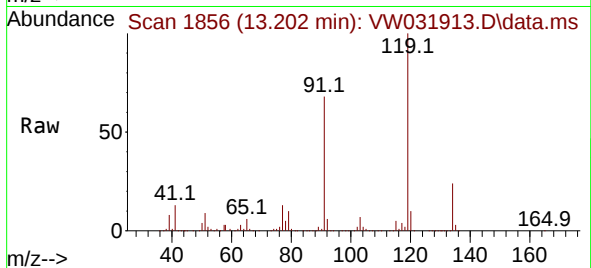




#83
tert-Butylbenzene
Concen: 48.265 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

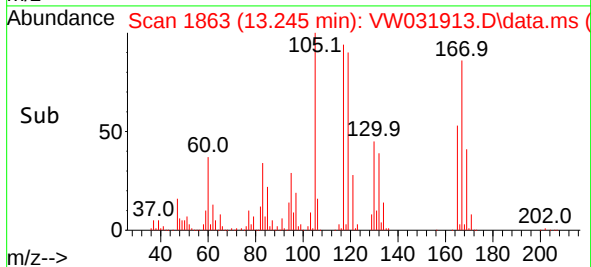
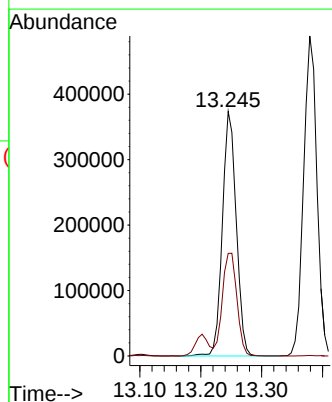
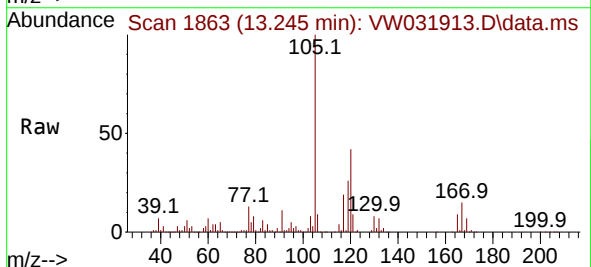
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

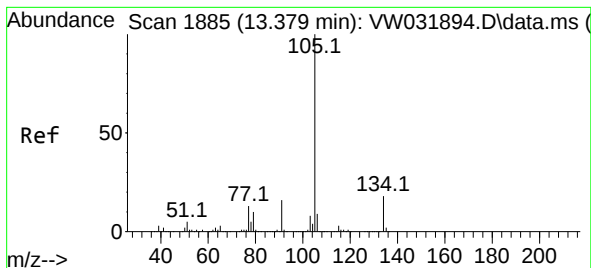
Tgt Ion:119 Resp: 500579
Ion Ratio Lower Upper
119 100
91 72.1 35.5 106.5
134 25.1 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 47.831 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:105 Resp: 589462
Ion Ratio Lower Upper
105 100
120 43.9 21.3 63.9





#85

sec-Butylbenzene

Concen: 47.662 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

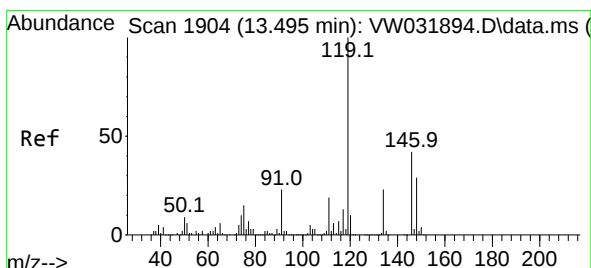
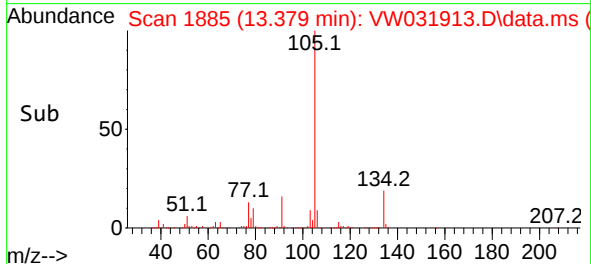
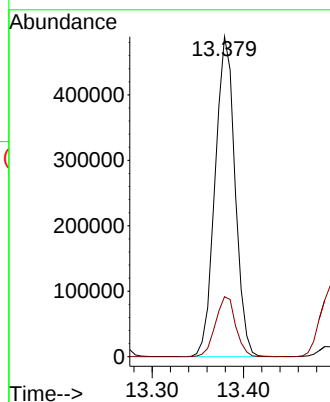
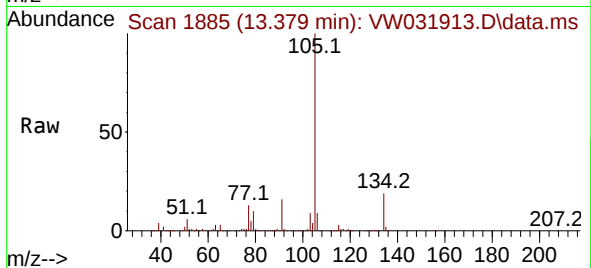
VSTDCCC050EC

Tgt Ion:105 Resp: 742346

Ion Ratio Lower Upper

105 100

134 18.9 9.2 27.6



#86

p-Isopropyltoluene

Concen: 49.225 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

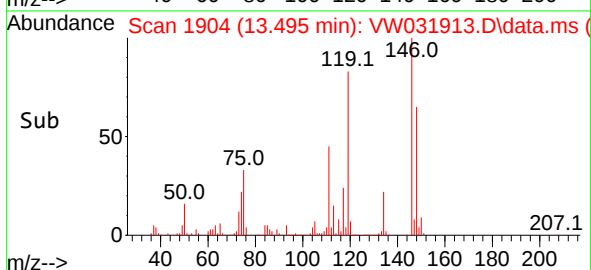
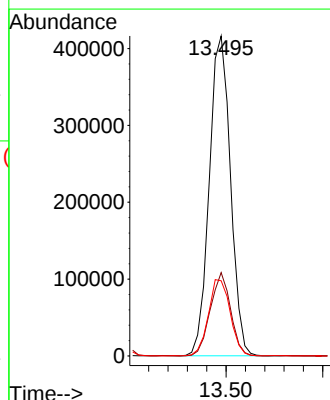
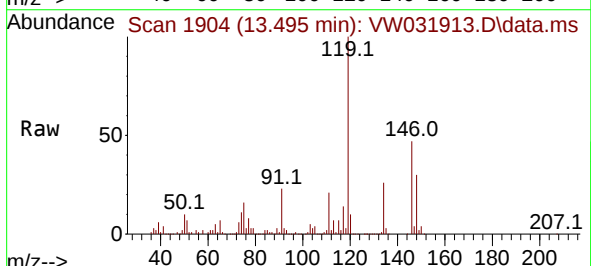
Tgt Ion:119 Resp: 633711

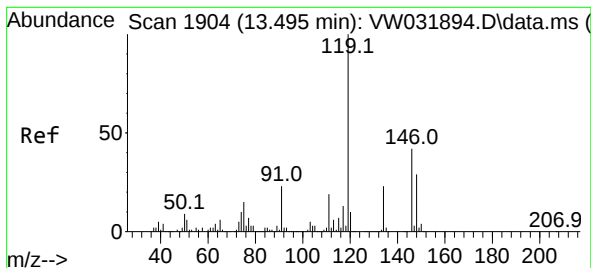
Ion Ratio Lower Upper

119 100

134 25.0 13.0 39.0

91 24.6 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 48.101 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

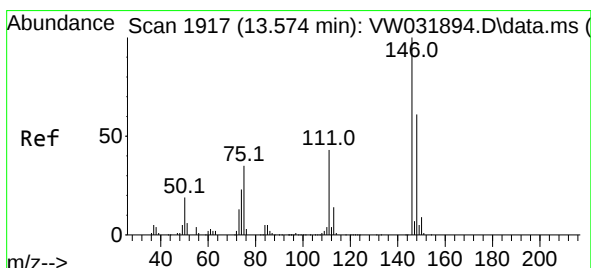
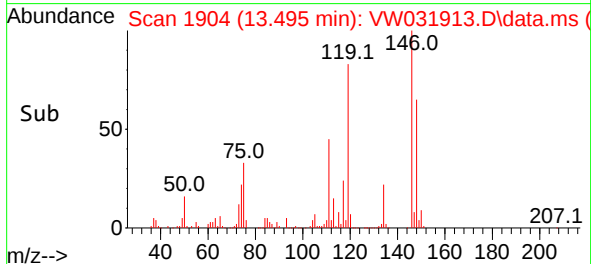
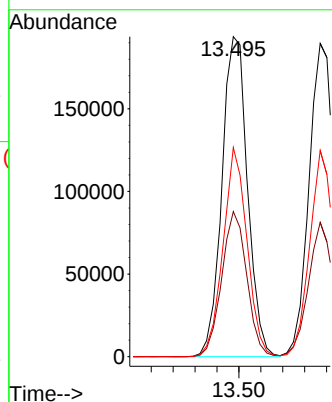
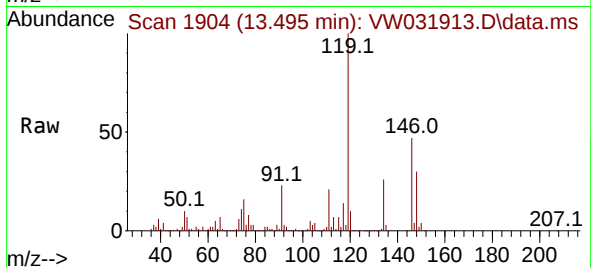
Tgt Ion:146 Resp: 314518

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.7

148 61.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.238 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

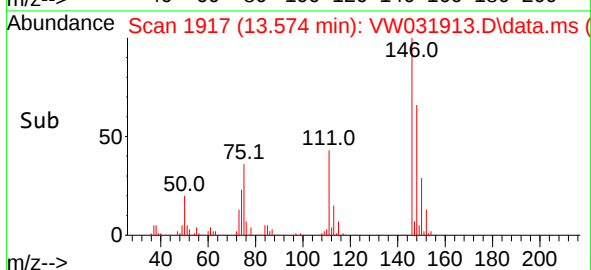
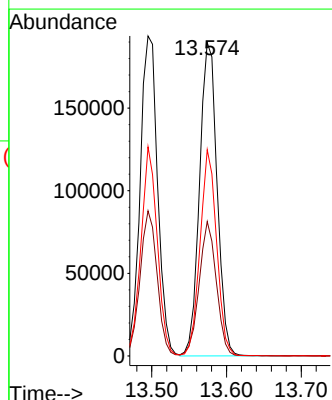
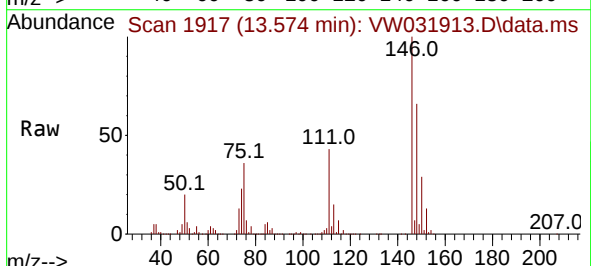
Tgt Ion:146 Resp: 308981

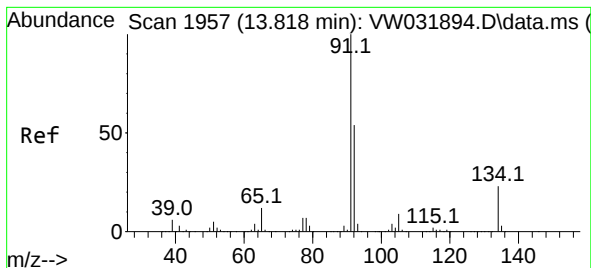
Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.3

148 62.4 31.8 95.3

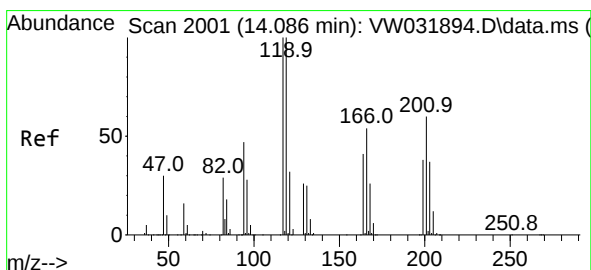
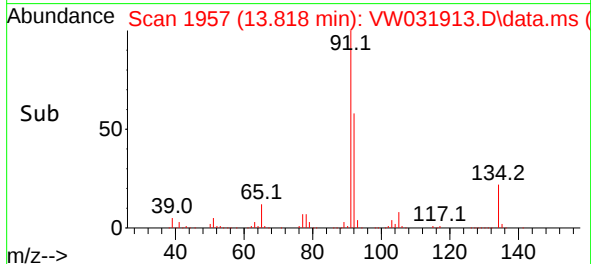
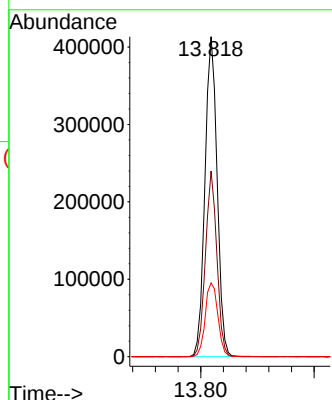
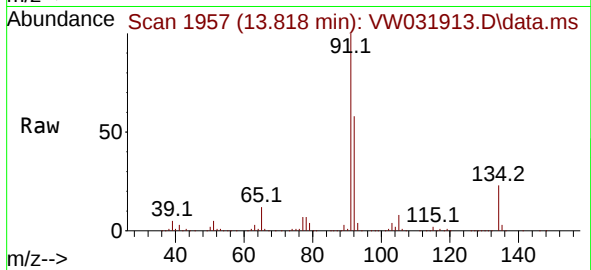




#89
n-Butylbenzene
Concen: 48.757 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

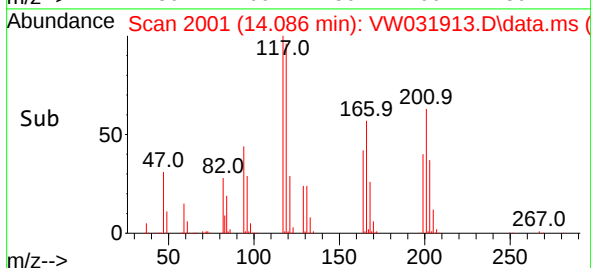
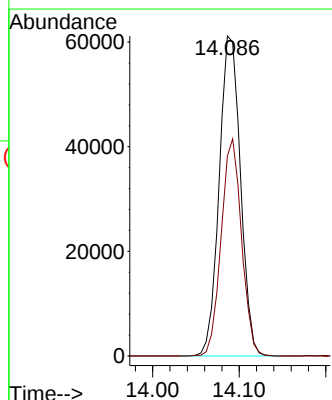
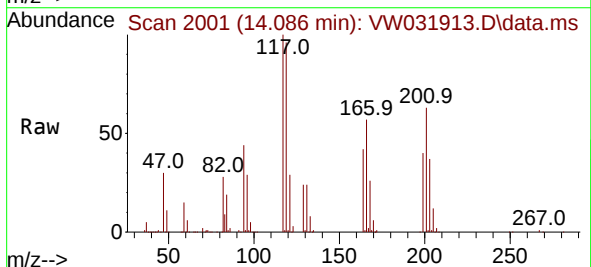
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

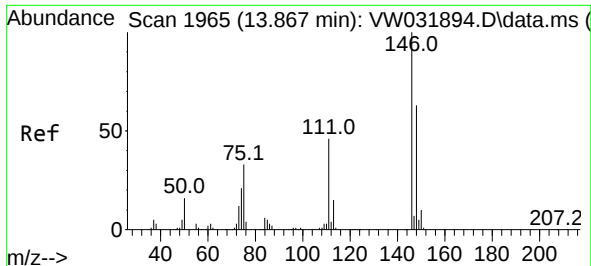
Tgt Ion: 91 Resp: 615745
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 23.9 11.6 34.7



#90
Hexachloroethane
Concen: 46.943 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 117 Resp: 104500
Ion Ratio Lower Upper
117 100
201 64.8 28.4 85.2

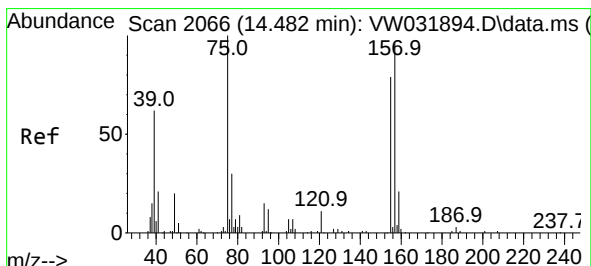
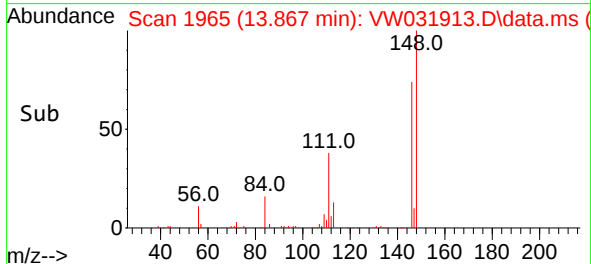
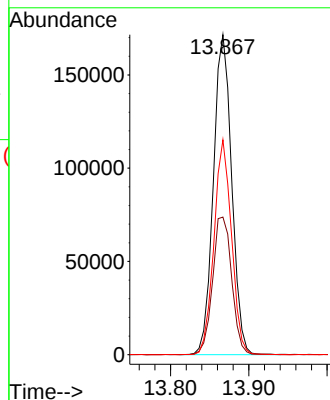
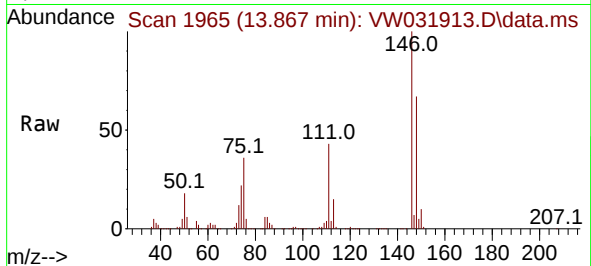




#91
1,2-Dichlorobenzene
Concen: 48.075 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

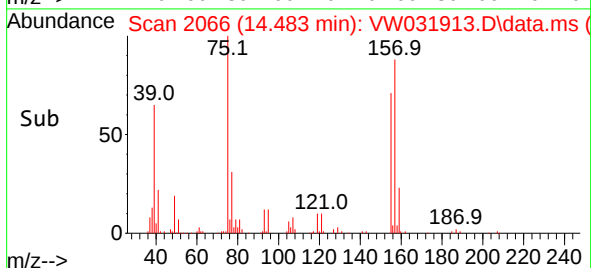
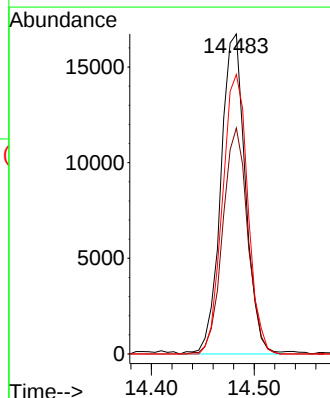
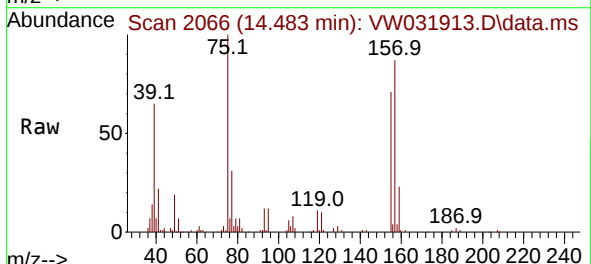
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

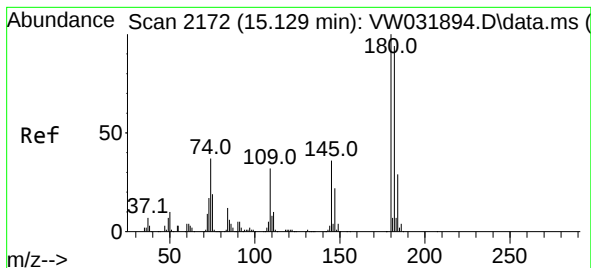
Tgt Ion:146 Resp: 278584
Ion Ratio Lower Upper
146 100
111 45.0 23.6 71.0
148 64.3 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.817 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion: 75 Resp: 27735
Ion Ratio Lower Upper
75 100
155 71.8 35.9 107.7
157 90.0 47.4 142.2

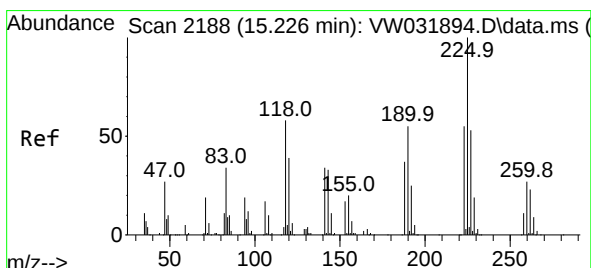
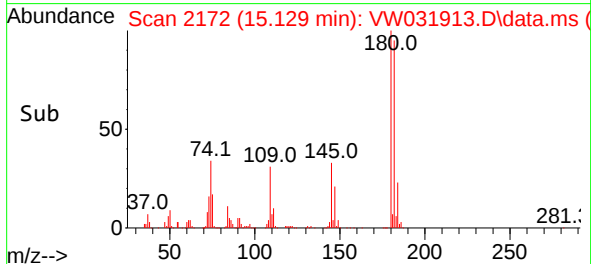
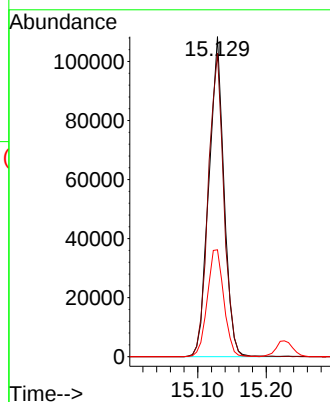
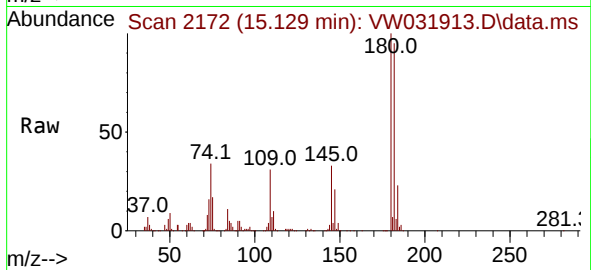




#93
1,2,4-Trichlorobenzene
Concen: 47.721 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

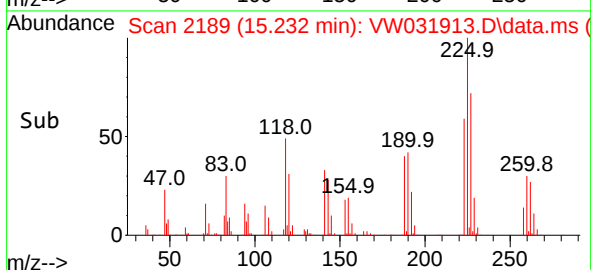
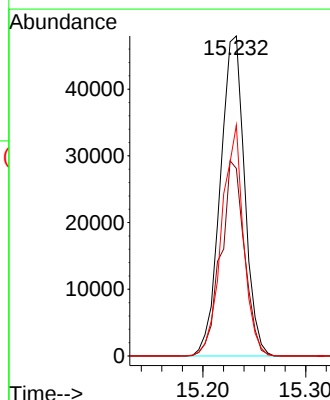
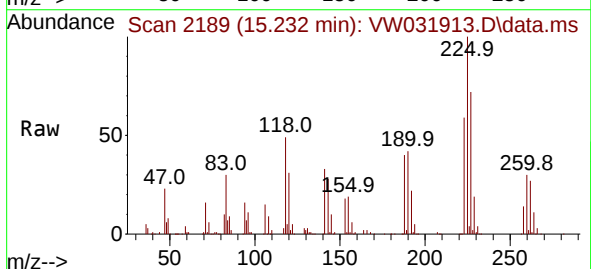
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

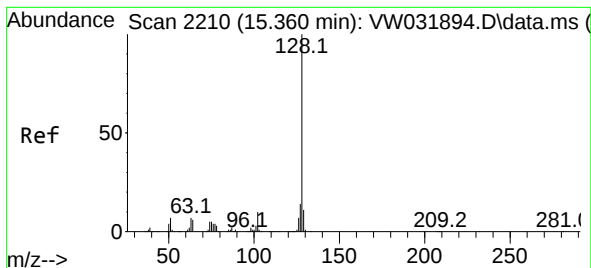
Tgt Ion:180 Resp: 166773
Ion Ratio Lower Upper
180 100
182 97.6 51.0 153.1
145 36.5 18.4 55.4



#94
Hexachlorobutadiene
Concen: 47.471 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW031913.D
Acq: 23 Jul 2025 15:36

Tgt Ion:225 Resp: 78612
Ion Ratio Lower Upper
225 100
223 59.5 30.9 92.7
227 64.9 30.0 90.1





#95

Naphthalene

Concen: 51.497 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

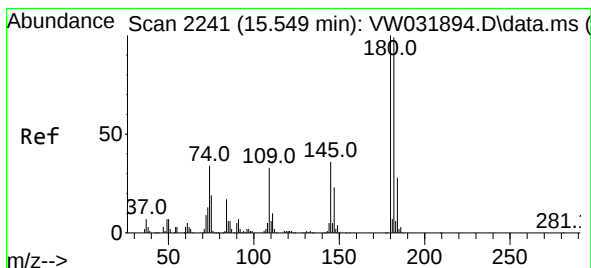
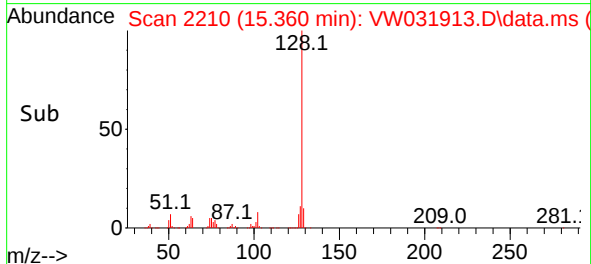
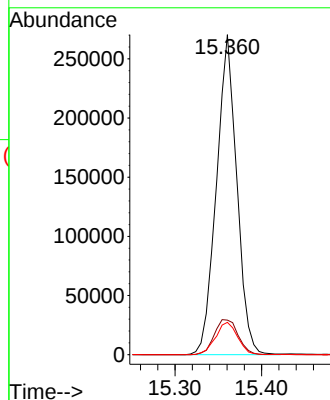
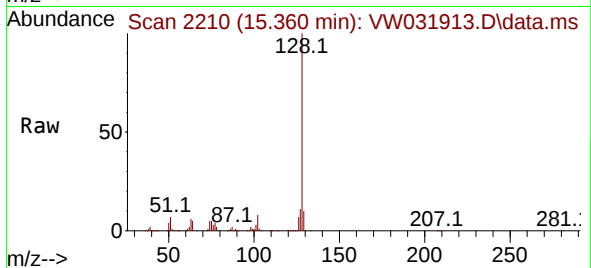
Tgt Ion:128 Resp: 442456

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.0 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 50.266 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031913.D

Acq: 23 Jul 2025 15:36

Tgt Ion:180 Resp: 159161

Ion Ratio Lower Upper

180 100

182 91.7 50.4 151.2

145 36.0 18.6 55.8

