

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031866.D
 Acq On : 16 Jul 2025 10:22
 Operator : SY/MD
 Sample : VW0716SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Quant Time: Jul 17 03:58:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	220255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	408210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	372511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173720	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	158248	50.064	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.120%	
35) Dibromofluoromethane	7.898	113	132641	49.795	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.580%	
50) Toluene-d8	10.325	98	486272	49.055	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.617	95	186490	51.122	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	32761	21.840	ug/l	98
3) Chloromethane	2.259	50	42462	23.480	ug/l	94
4) Vinyl Chloride	2.405	62	54762	23.039	ug/l	96
5) Bromomethane	2.826	94	39181	21.104	ug/l	96
6) Chloroethane	2.966	64	33848	20.964	ug/l	95
7) Trichlorofluoromethane	3.308	101	39119	18.122	ug/l	97
8) Diethyl Ether	3.722	74	36846	22.463	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	47181	19.691	ug/l	99
10) Methyl Iodide	4.308	142	78660	21.295	ug/l	100
11) Tert butyl alcohol	5.228	59	19691	100.553	ug/l	97
12) 1,1-Dichloroethene	4.076	96	57837	22.038	ug/l	91
13) Acrolein	3.936	56	36802	104.561	ug/l	98
14) Allyl chloride	4.704	41	86342	21.442	ug/l	96
15) Acrylonitrile	5.405	53	83999	104.135	ug/l	99
16) Acetone	4.161	43	80615	103.183	ug/l	99
17) Carbon Disulfide	4.423	76	143506	20.434	ug/l	97
18) Methyl Acetate	4.710	43	46162	20.674	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	100909	22.653	ug/l	100
20) Methylene Chloride	4.954	84	79422	22.783	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	62844	22.536	ug/l	97
22) Diisopropyl ether	6.338	45	187354	23.856	ug/l	99
23) Vinyl Acetate	6.283	43	612281	114.142	ug/l	98
24) 1,1-Dichloroethane	6.240	63	115194	22.625	ug/l	100
25) 2-Butanone	7.197	43	115176	113.315	ug/l	98
26) 2,2-Dichloropropane	7.185	77	57979	19.517	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	75769	23.637	ug/l	97
28) Bromochloromethane	7.533	49	48812	21.725	ug/l	96
29) Tetrahydrofuran	7.557	42	75005	107.754	ug/l	99
30) Chloroform	7.691	83	123775	22.878	ug/l	100
31) Cyclohexane	7.971	56	93853	20.853	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	87204	20.916	ug/l	98
36) 1,1-Dichloropropene	8.093	75	84323	21.876	ug/l	99
37) Ethyl Acetate	7.276	43	52794	21.712	ug/l	98
38) Carbon Tetrachloride	8.087	117	79229	20.171	ug/l	99
39) Methylcyclohexane	9.343	83	99461	20.739	ug/l	96
40) Benzene	8.337	78	263599	23.114	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	29759	22.846	ug/l	98
42) 1,2-Dichloroethane	8.417	62	85533	22.197	ug/l	99
43) Isopropyl Acetate	8.435	43	90065	21.488	ug/l	99
44) Trichloroethene	9.099	130	61958	21.767	ug/l	100
45) 1,2-Dichloropropane	9.374	63	61808	22.425	ug/l	98
46) Dibromomethane	9.465	93	39223	22.042	ug/l	99
47) Bromodichloromethane	9.648	83	92100	22.072	ug/l	99
48) Methyl methacrylate	9.447	41	43845	21.274	ug/l	96
49) 1,4-Dioxane	9.465	88	8304	398.447	ug/l #	85
51) 4-Methyl-2-Pentanone	10.215	43	257053	106.674	ug/l	99
52) Toluene	10.392	92	169153	23.166	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	89044	22.744	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	101625	22.897	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	51348	22.029	ug/l	98
56) Ethyl methacrylate	10.648	69	71650	22.658	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89794	21.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	186674	107.204	ug/l	97
59) 2-Hexanone	10.971	43	182209	111.585	ug/l	99
60) Dibromochloromethane	11.129	129	59854	21.473	ug/l	99
61) 1,2-Dibromoethane	11.239	107	50961	21.839	ug/l	98
64) Tetrachloroethene	10.867	164	49361	20.258	ug/l	92
65) Chlorobenzene	11.654	112	181158	22.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	55221	21.084	ug/l	99
67) Ethyl Benzene	11.733	91	317743	22.295	ug/l	99
68) m/p-Xylenes	11.837	106	244466	44.622	ug/l	98
69) o-Xylene	12.166	106	118440	23.349	ug/l	96
70) Styrene	12.178	104	199694	22.772	ug/l	99
71) Bromoform	12.349	173	30872	19.759	ug/l #	95
73) Isopropylbenzene	12.465	105	294756	22.306	ug/l	99
74) N-amyl acetate	12.269	43	80486	22.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	62978	21.467	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	80747	35.968	ug/l	46
77) Bromobenzene	12.745	156	62368	21.162	ug/l	98
78) n-propylbenzene	12.800	91	376089	23.768	ug/l	97
79) 2-Chlorotoluene	12.885	91	224982	23.611	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	257562	23.547	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	19596	20.331	ug/l	95
82) 4-Chlorotoluene	12.983	91	232906	23.282	ug/l	98
83) tert-Butylbenzene	13.202	119	216004	23.054	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	260295	23.487	ug/l	97
85) sec-Butylbenzene	13.379	105	322151	22.907	ug/l	100
86) p-Isopropyltoluene	13.495	119	261202	22.537	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	137794	23.314	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	136115	22.500	ug/l	96
89) n-Butylbenzene	13.818	91	255616	22.699	ug/l	99
90) Hexachloroethane	14.092	117	42892	20.513	ug/l	97
91) 1,2-Dichlorobenzene	13.861	146	116980	21.654	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11323	19.767	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	67719	20.326	ug/l	98
94) Hexachlorobutadiene	15.226	225	31254	19.428	ug/l	90
95) Naphthalene	15.354	128	170136	20.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	62747	20.497	ug/l	100

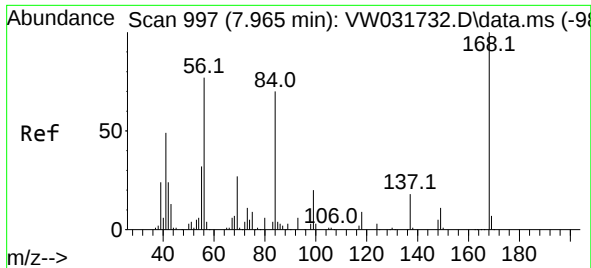
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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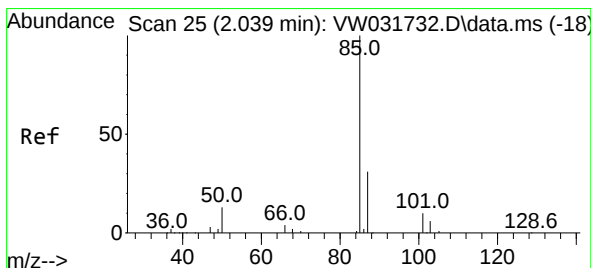
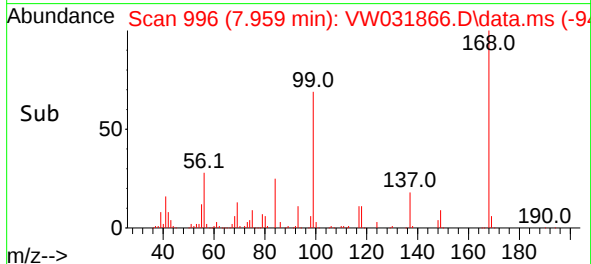
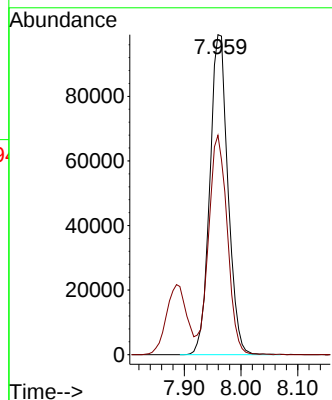
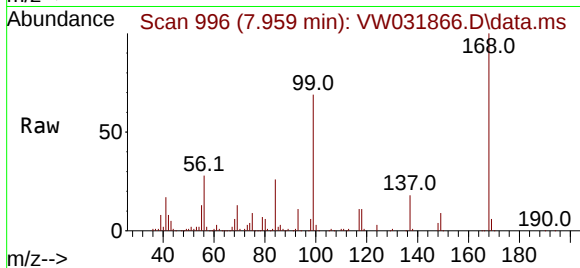
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

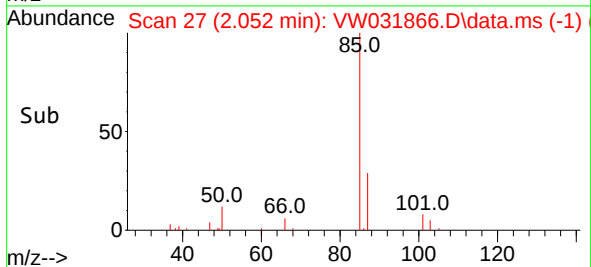
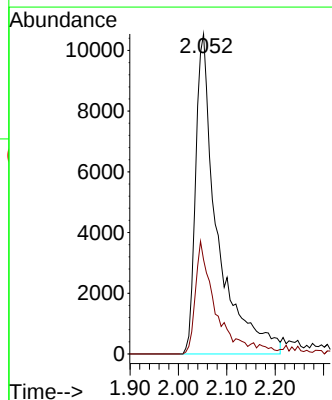
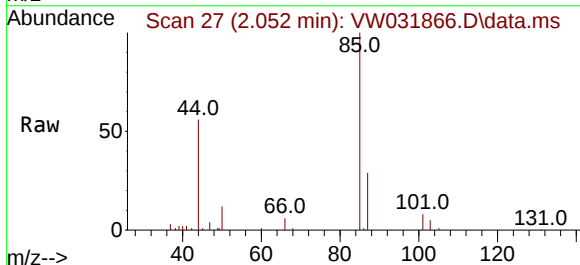
Instrument :
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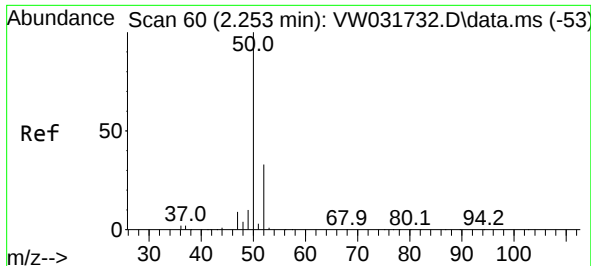
Tgt Ion:168 Resp: 220255
Ion Ratio Lower Upper
168 100
99 68.4 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 21.840 ug/l
RT: 2.052 min Scan# 27
Delta R.T. 0.013 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 85 Resp: 32761
Ion Ratio Lower Upper
85 100
87 29.4 15.4 46.2

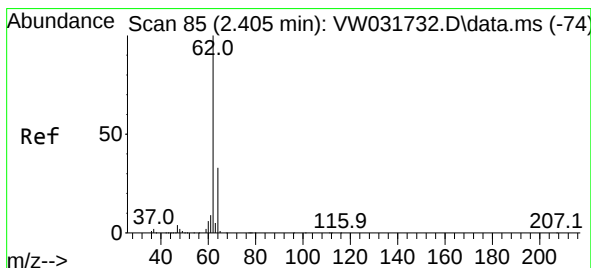
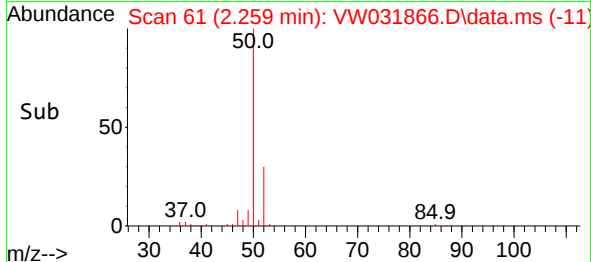
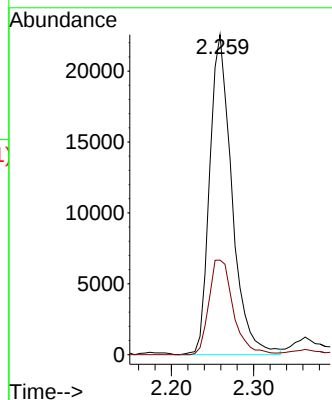
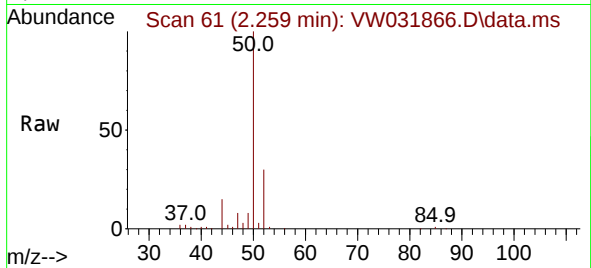




#3
Chloromethane
Concen: 23.480 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

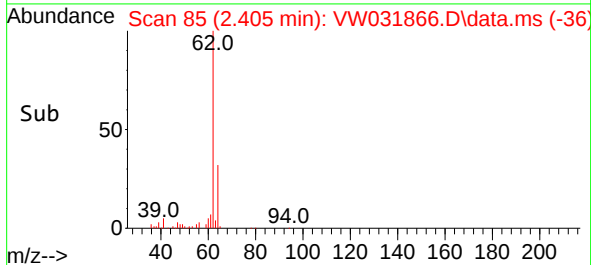
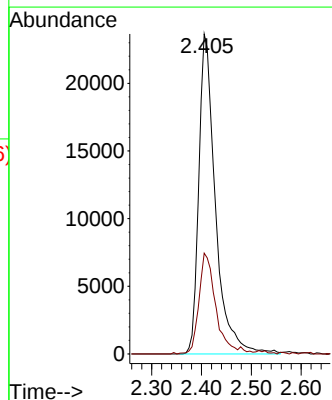
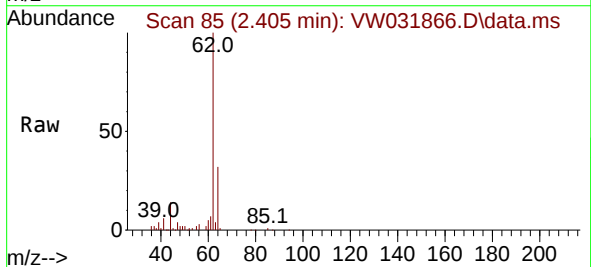
Instrument :
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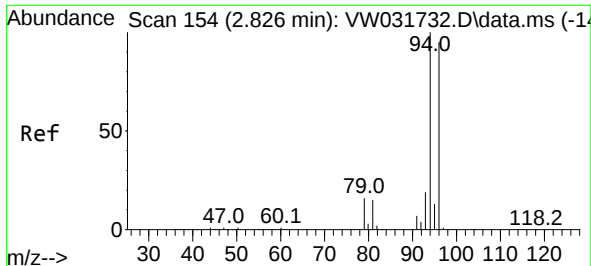
Tgt Ion: 50 Resp: 42462
Ion Ratio Lower Upper
50 100
52 29.5 26.2 39.2



#4
Vinyl Chloride
Concen: 23.039 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 62 Resp: 54762
Ion Ratio Lower Upper
62 100
64 31.3 26.8 40.2

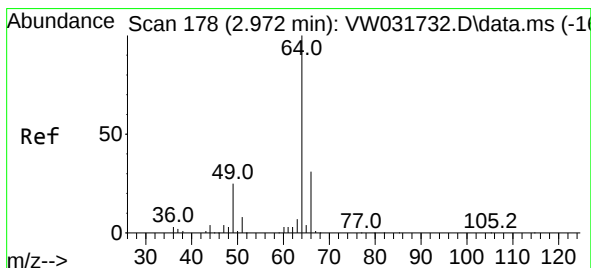
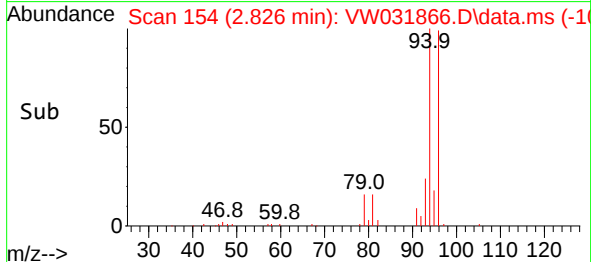
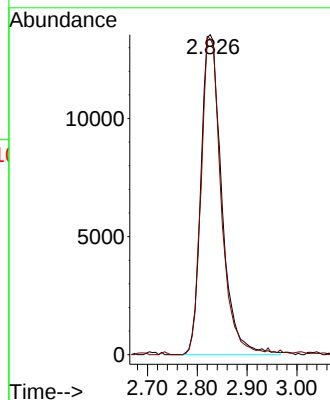
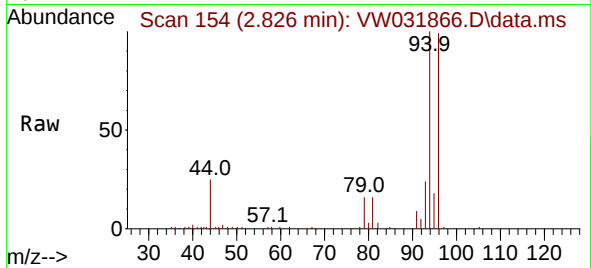




#5
Bromomethane
Concen: 21.104 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

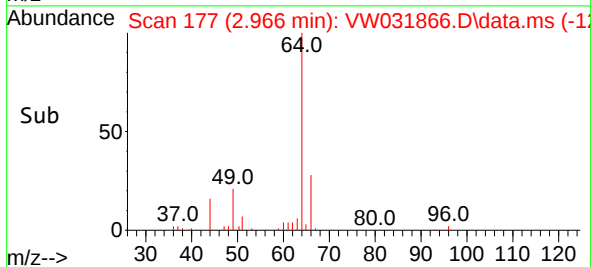
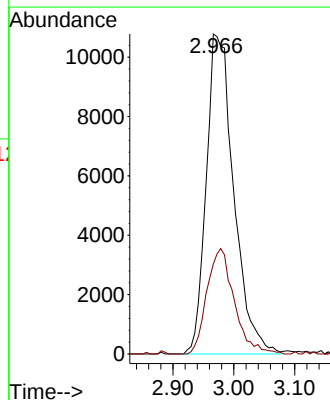
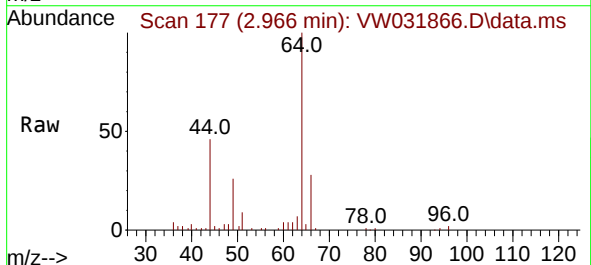
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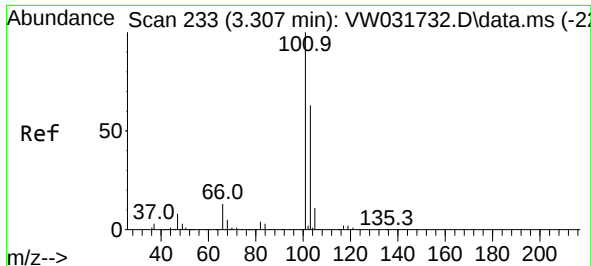
Tgt Ion: 94 Resp: 39181
Ion Ratio Lower Upper
94 100
96 98.7 75.6 113.4



#6
Chloroethane
Concen: 20.964 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 64 Resp: 33848
Ion Ratio Lower Upper
64 100
66 28.1 24.5 36.7

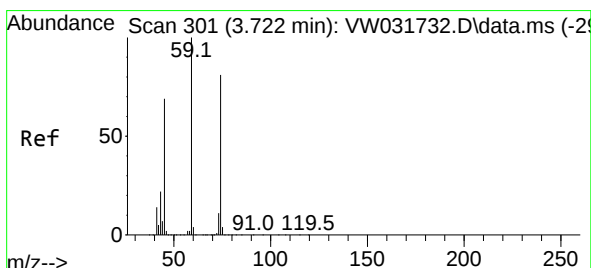
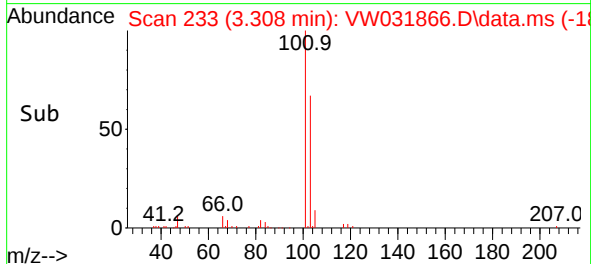
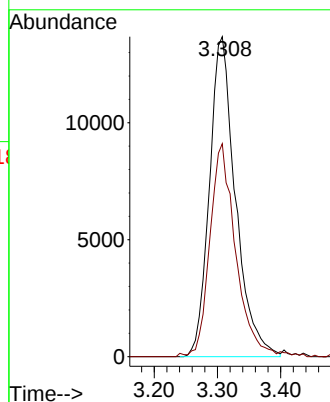
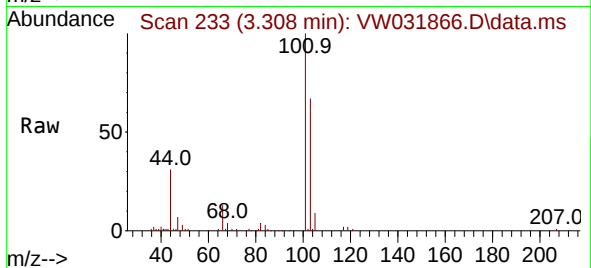




#7
 Trichlorofluoromethane
 Concen: 18.122 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

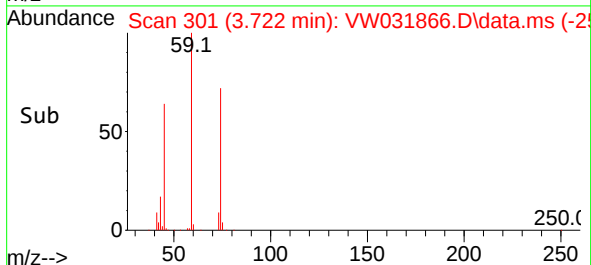
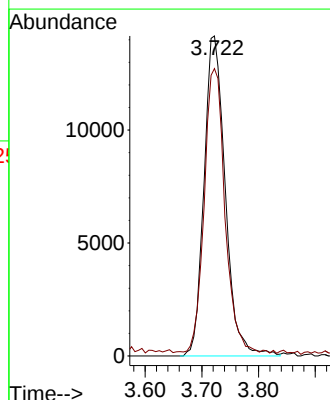
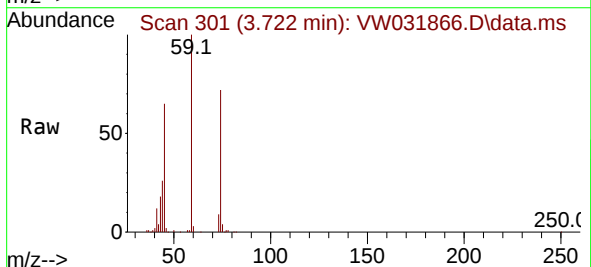
Instrument :
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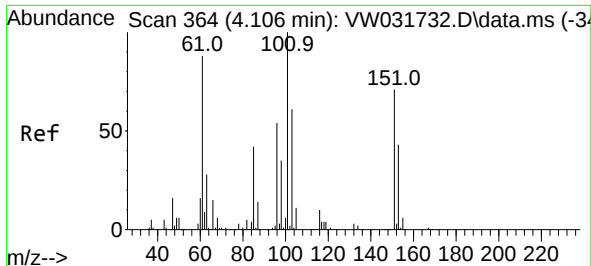
Tgt Ion:101 Resp: 39119
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 22.463 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

Tgt Ion: 74 Resp: 36846
 Ion Ratio Lower Upper
 74 100
 45 85.8 43.9 131.7

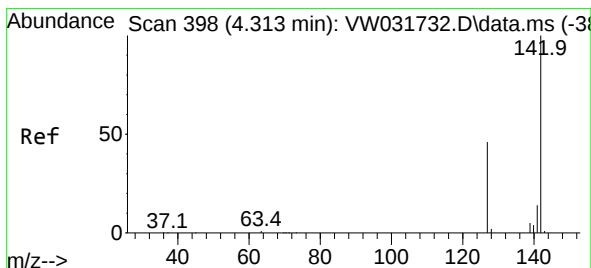
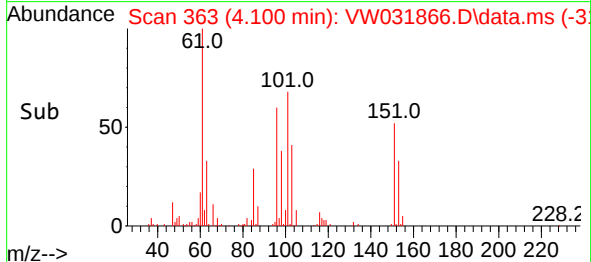
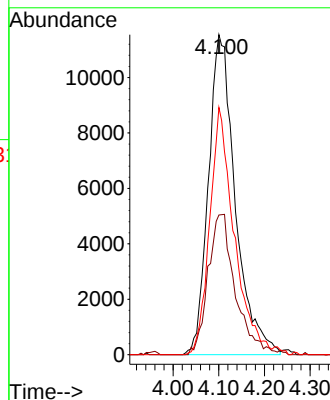
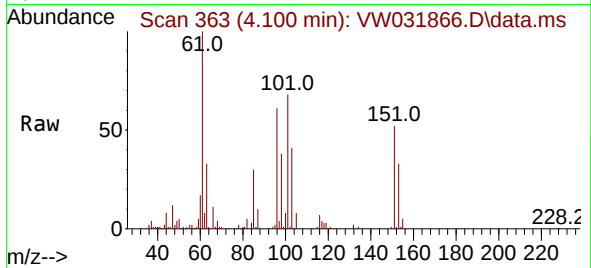




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.691 ug/l
RT: 4.100 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW031866.D
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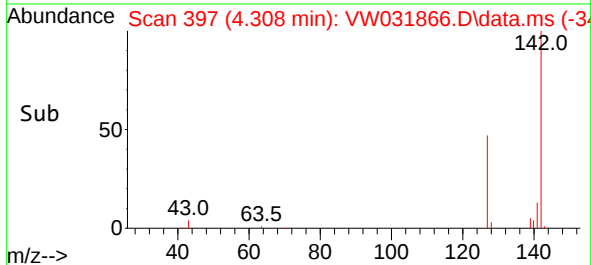
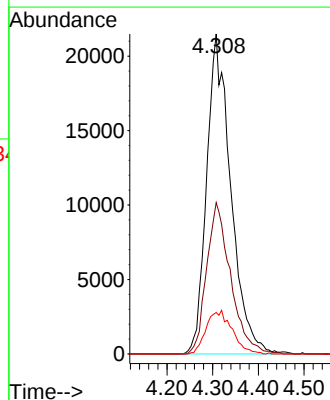
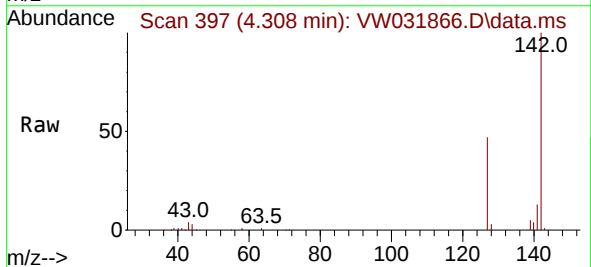
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

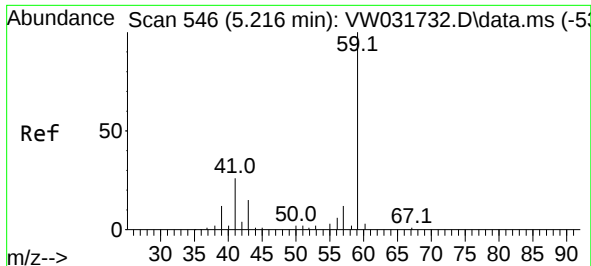
Tgt Ion:101 Resp: 47181
Ion Ratio Lower Upper
101 100
85 44.4 35.6 53.4
151 70.4 56.8 85.2



#10
Methyl Iodide
Concen: 21.295 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:142 Resp: 78660
Ion Ratio Lower Upper
142 100
127 47.0 37.9 56.9
141 14.6 11.7 17.5

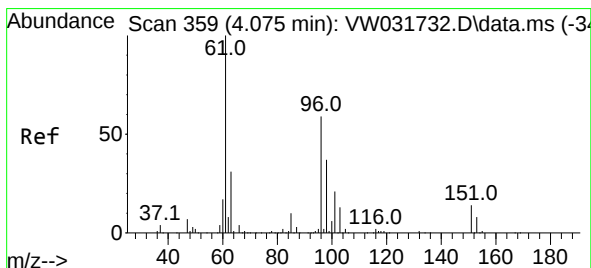
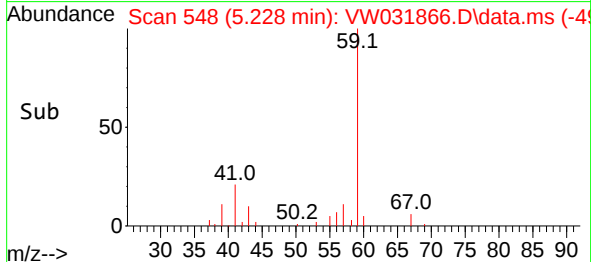
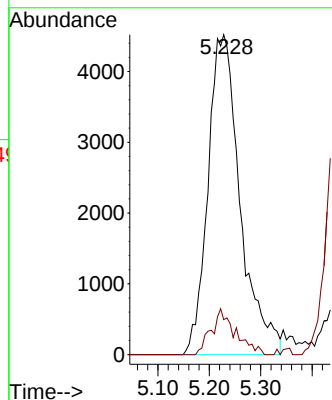
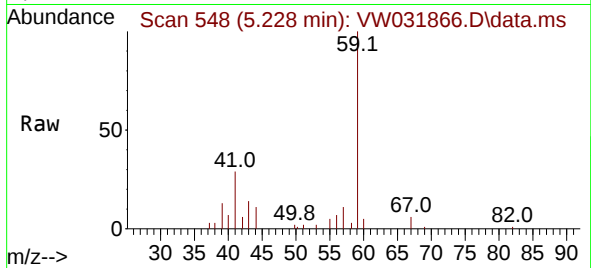




#11
Tert butyl alcohol
Concen: 100.553 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.013 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

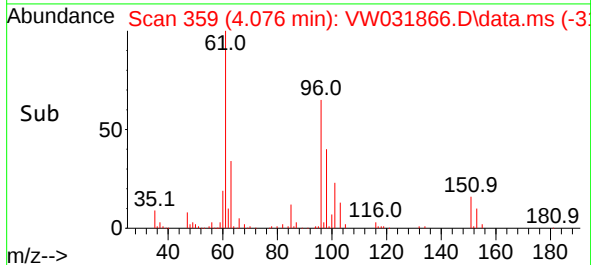
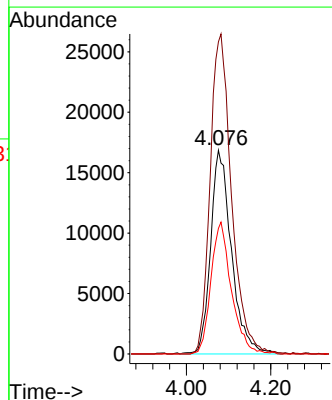
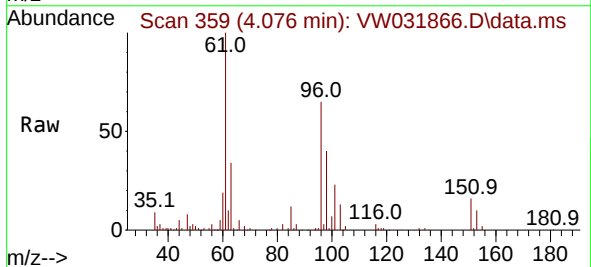
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

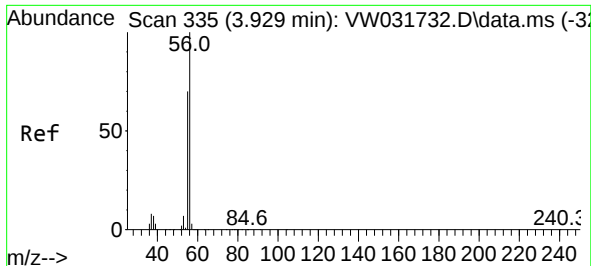
Tgt Ion: 59 Resp: 19691
Ion Ratio Lower Upper
59 100
57 10.8 9.5 14.3



#12
1,1-Dichloroethene
Concen: 22.038 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 96 Resp: 57837
Ion Ratio Lower Upper
96 100
61 153.3 135.8 203.8
98 61.7 50.4 75.6

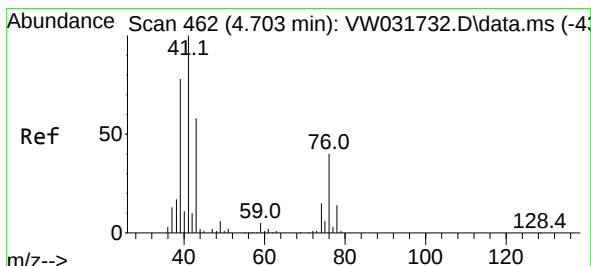
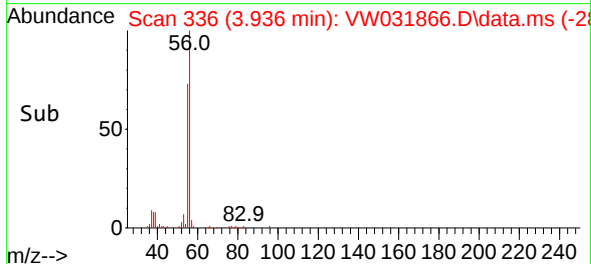
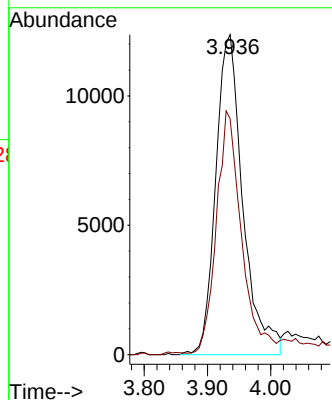
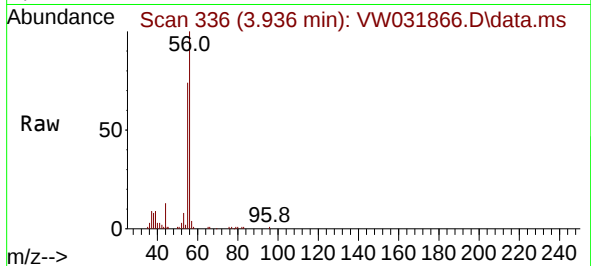




#13
Acrolein
Concen: 104.561 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

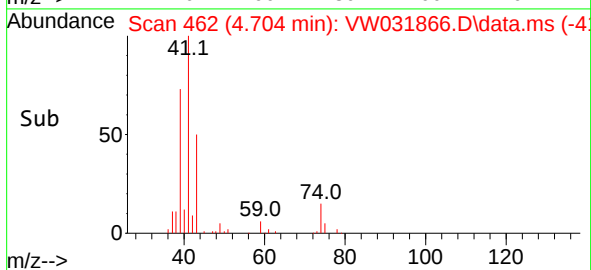
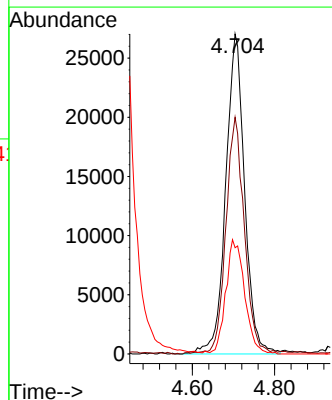
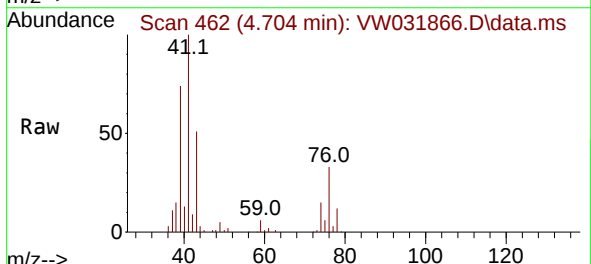
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion: 56 Resp: 36802
Ion Ratio Lower Upper
56 100
55 69.4 54.0 81.0



#14
Allyl chloride
Concen: 21.442 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 41 Resp: 86342
Ion Ratio Lower Upper
41 100
39 71.7 60.7 91.1
76 35.7 30.3 45.5

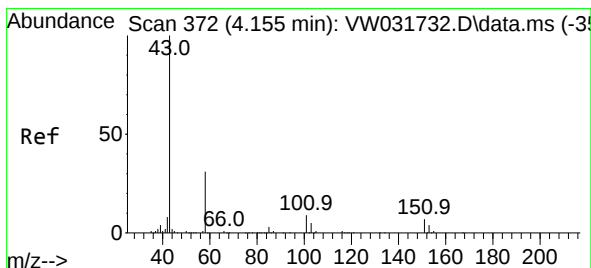
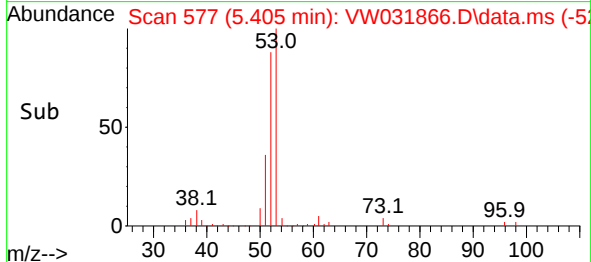
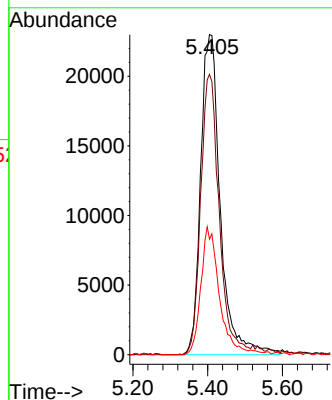
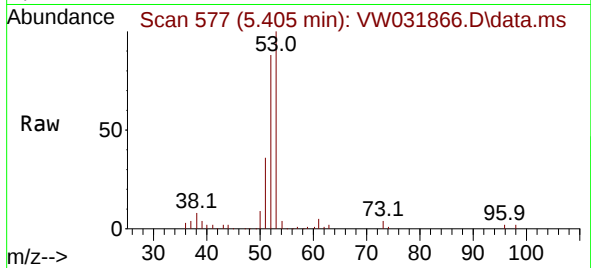




#15
Acrylonitrile
Concen: 104.135 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

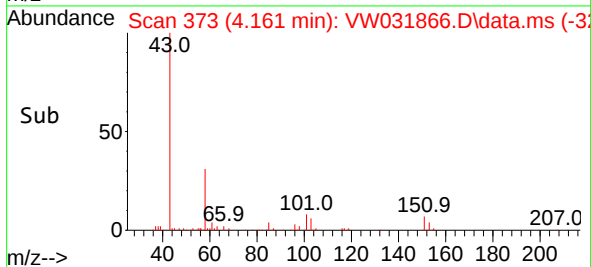
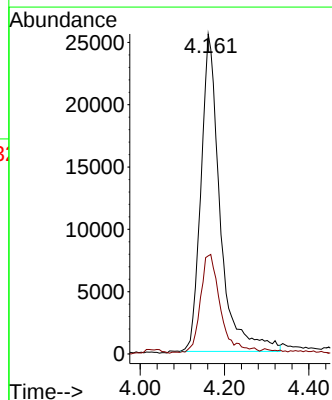
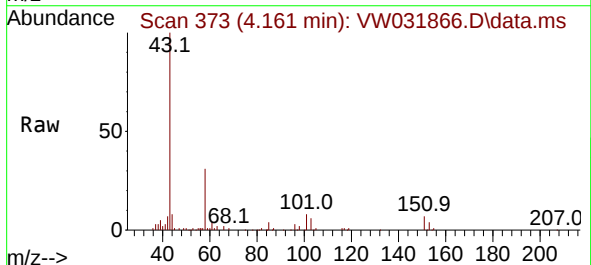
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

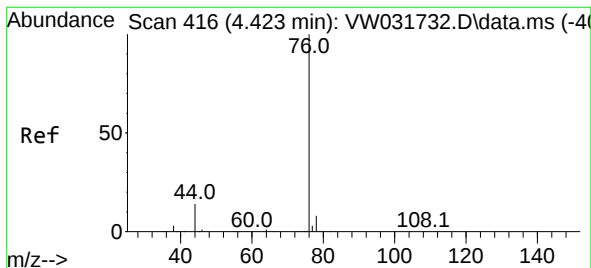
Tgt Ion: 53 Resp: 83999
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 37.0 29.9 44.9



#16
Acetone
Concen: 103.183 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 43 Resp: 80615
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2





#17

Carbon Disulfide

Concen: 20.434 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

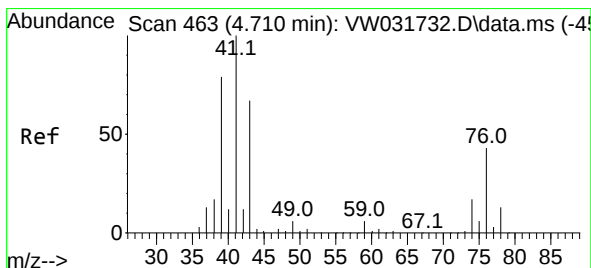
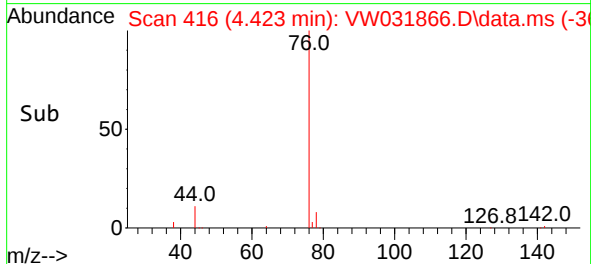
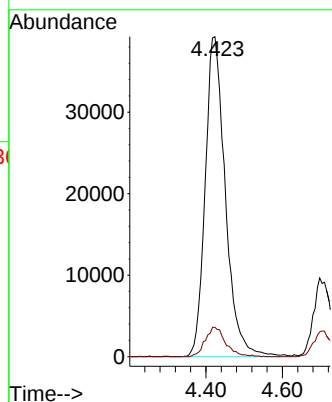
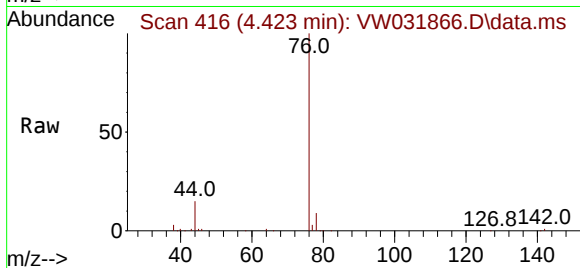
VW0716SBS01

Tgt Ion: 76 Resp: 143506

Ion Ratio Lower Upper

76 100

78 9.2 6.6 10.0



#18

Methyl Acetate

Concen: 20.674 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW031866.D

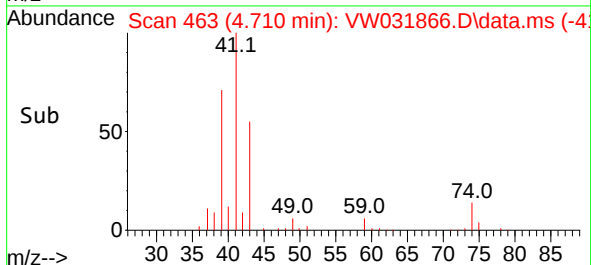
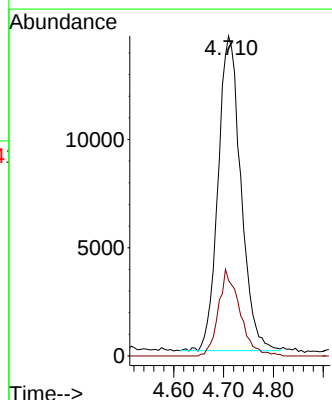
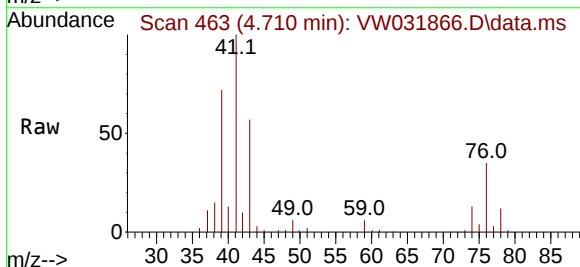
Acq: 16 Jul 2025 10:22

Tgt Ion: 43 Resp: 46162

Ion Ratio Lower Upper

43 100

74 25.8 20.6 30.8

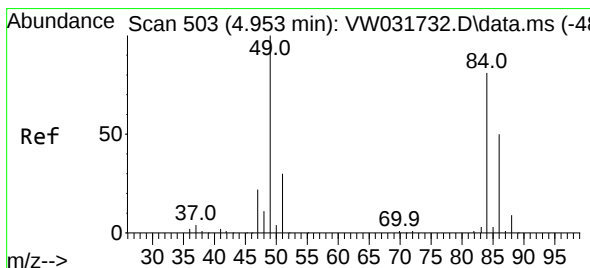
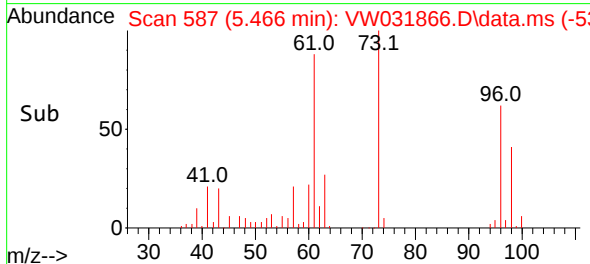
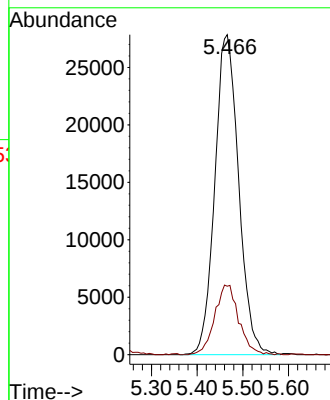
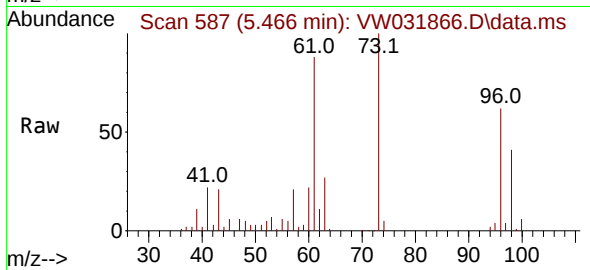




#19
Methyl tert-butyl Ether
Concen: 22.653 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

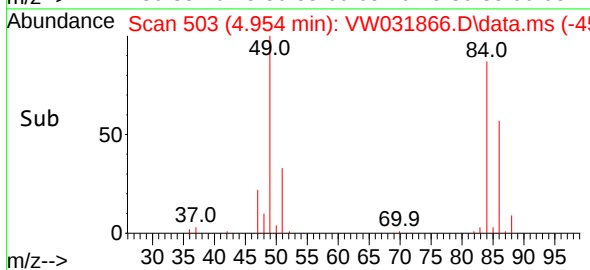
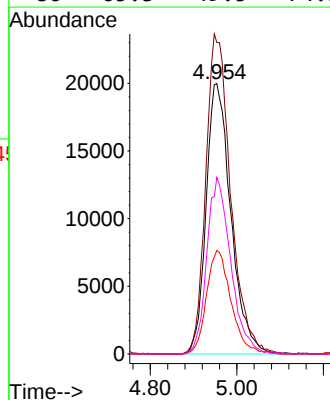
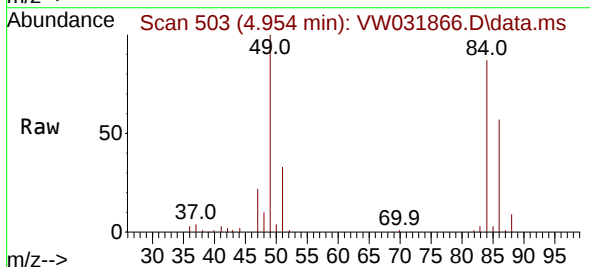
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

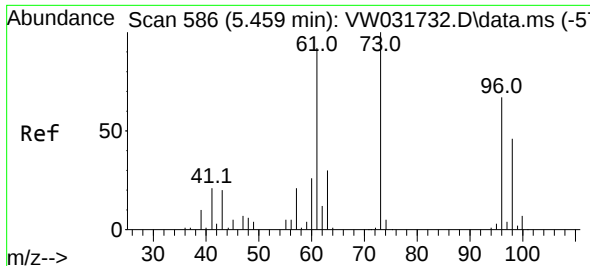
Tgt Ion: 73 Resp: 100909
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8



#20
Methylene Chloride
Concen: 22.783 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 84 Resp: 79422
Ion Ratio Lower Upper
84 100
49 115.2 98.2 147.4
51 38.3 29.8 44.8
86 65.3 49.5 74.3

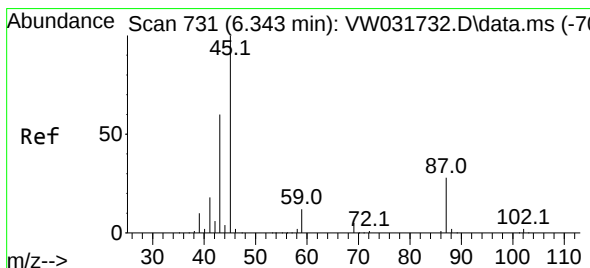
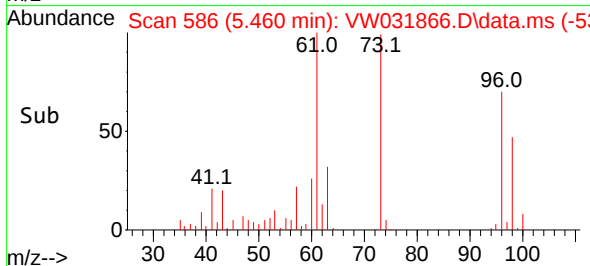
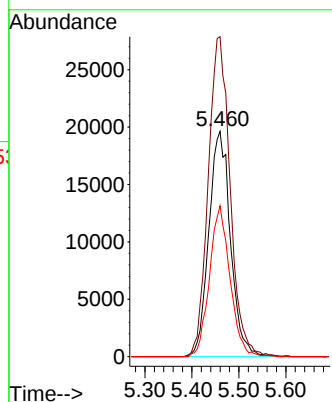
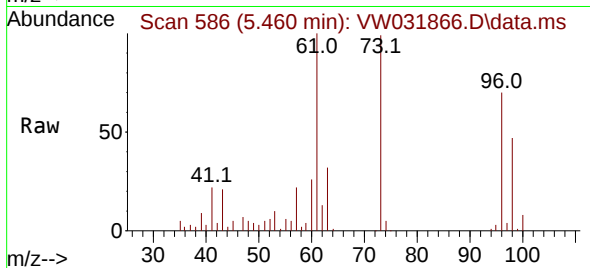




#21
trans-1,2-Dichloroethene
Concen: 22.536 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

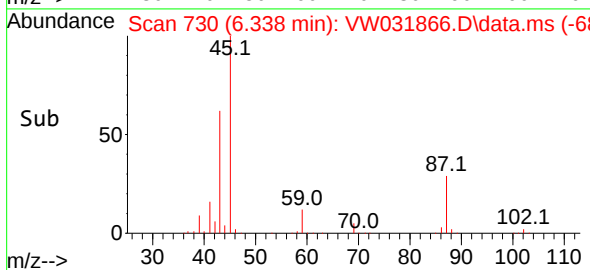
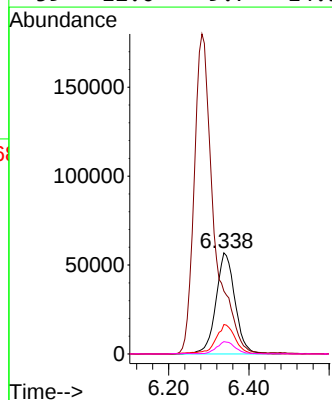
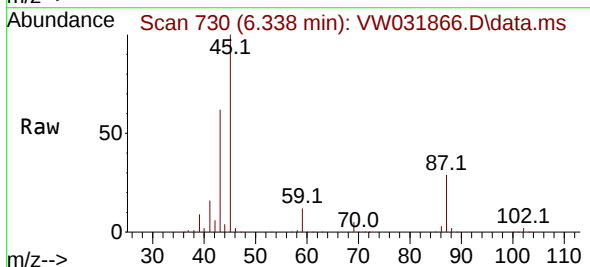
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion: 96 Resp: 62844
Ion Ratio Lower Upper
96 100
61 142.0 109.8 164.6
98 67.0 54.9 82.3



#22
Diisopropyl ether
Concen: 23.856 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 45 Resp: 187354
Ion Ratio Lower Upper
45 100
43 60.8 48.3 72.5
87 28.9 22.6 34.0
59 12.0 9.7 14.5

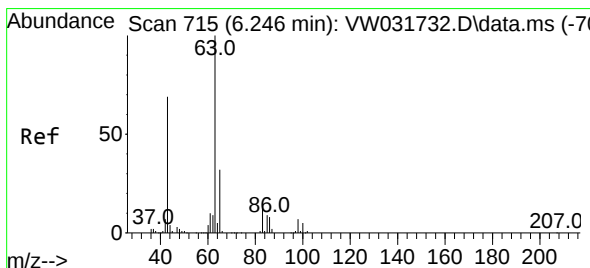
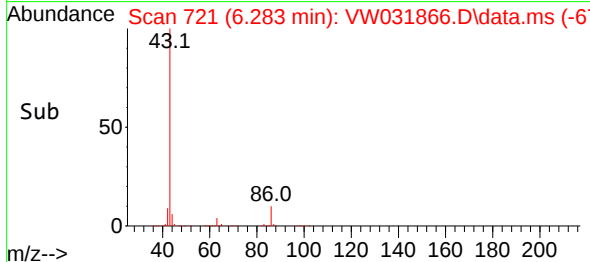
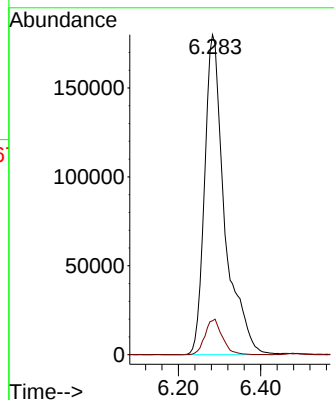
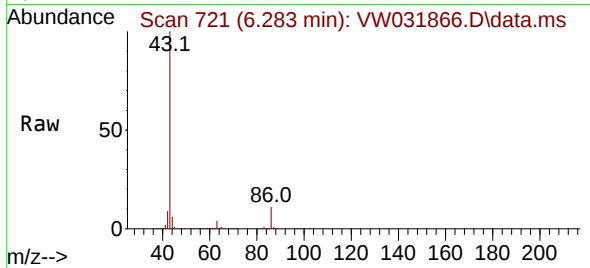




#23
 Vinyl Acetate
 Concen: 114.142 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

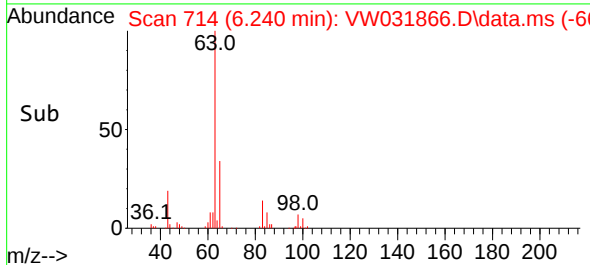
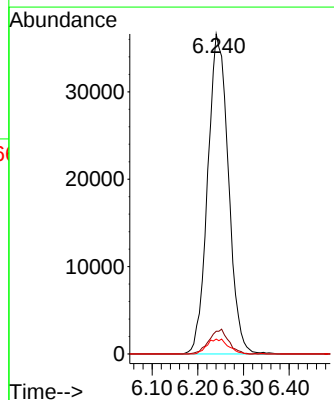
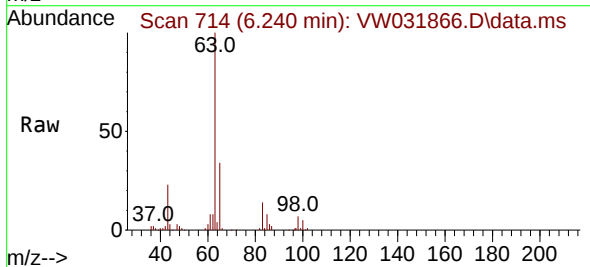
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

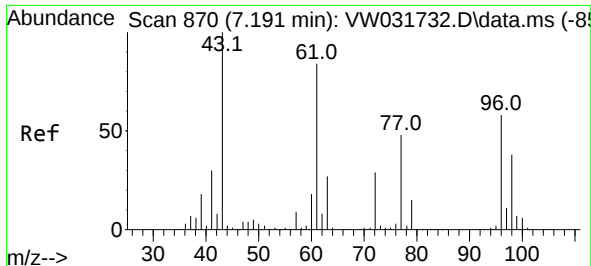
Tgt Ion: 43 Resp: 612281
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 22.625 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

Tgt Ion: 63 Resp: 115194
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.7 2.5 7.5

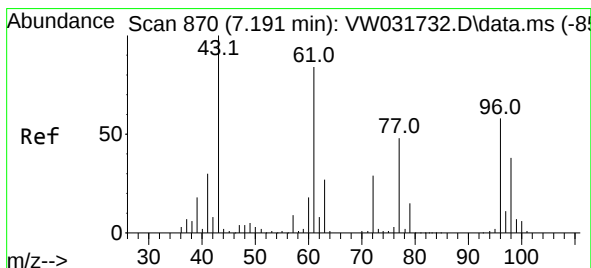
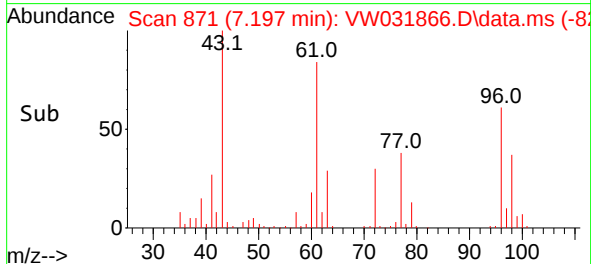
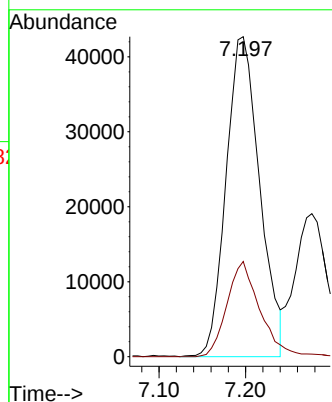
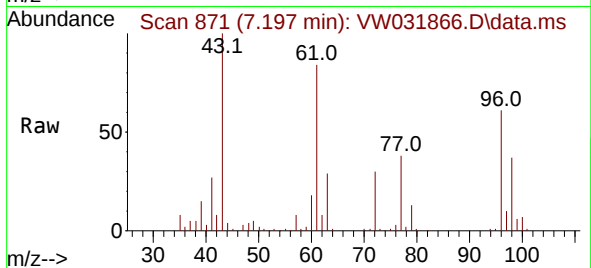




#25
2-Butanone
Concen: 113.315 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

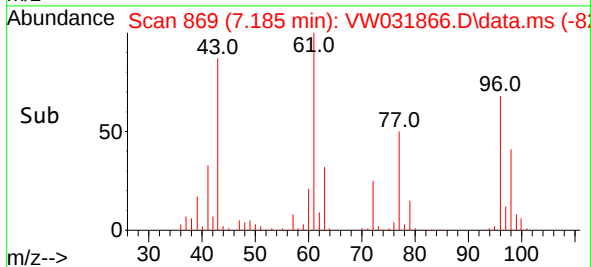
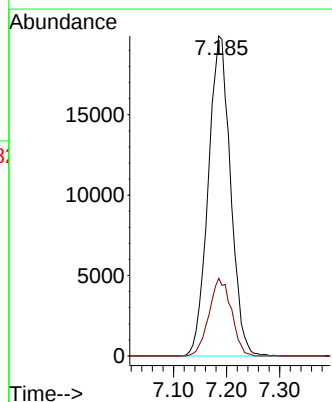
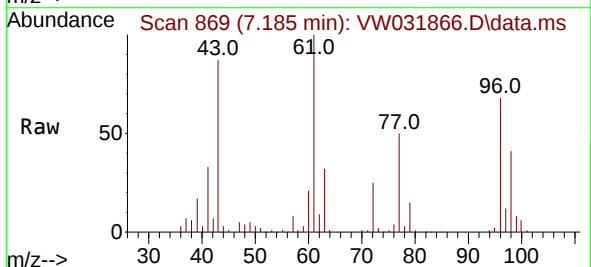
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion: 43 Resp: 115176
Ion Ratio Lower Upper
43 100
72 29.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 19.517 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 77 Resp: 57979
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7

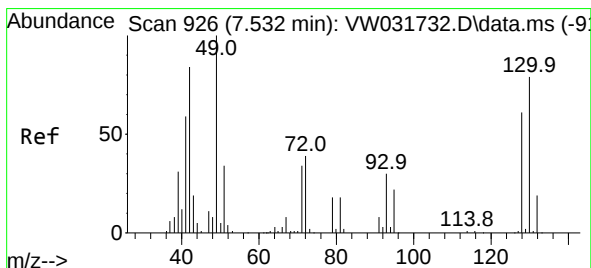
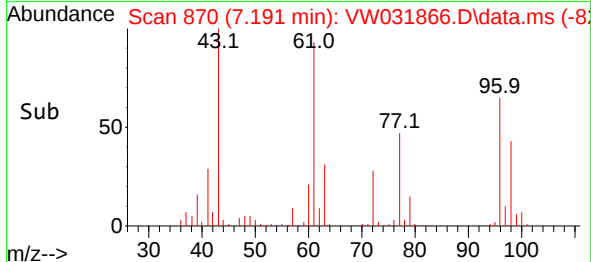
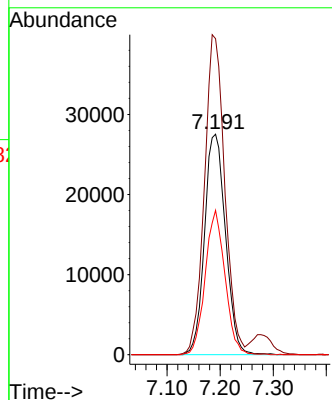
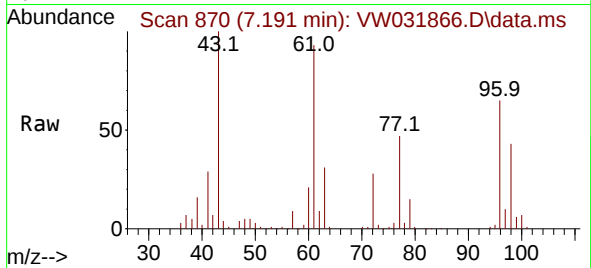




#27
 cis-1,2-Dichloroethene
 Concen: 23.637 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

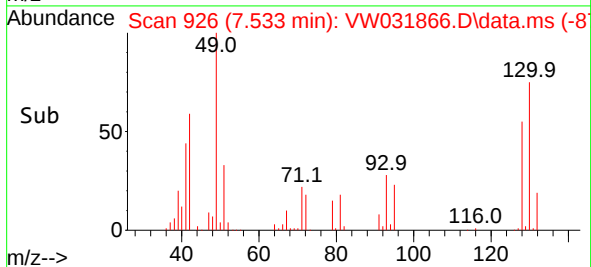
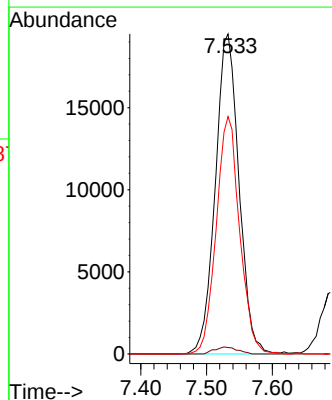
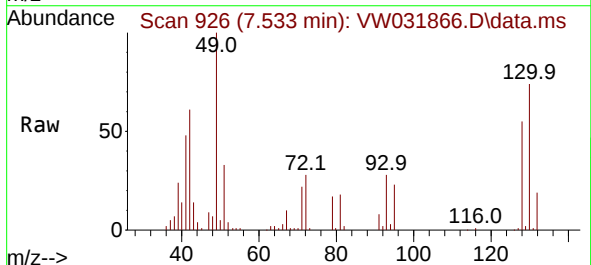
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Tgt Ion: 96	Resp: 75769
Ion Ratio	Lower Upper
96 100	
61 140.4	0.0 286.8
98 61.7	0.0 130.4



#28
 Bromochloromethane
 Concen: 21.725 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

Tgt Ion: 49	Resp: 48812
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 2.4
130 73.1	61.3 91.9

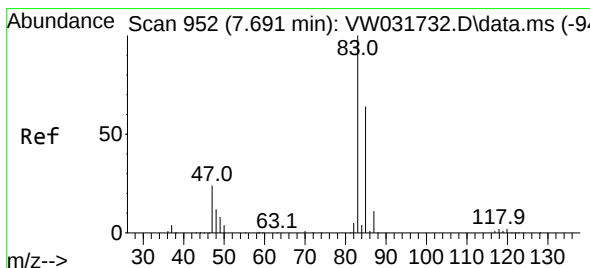
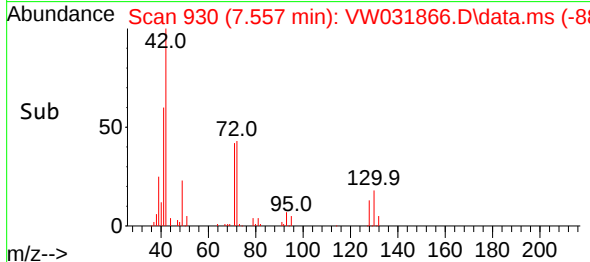
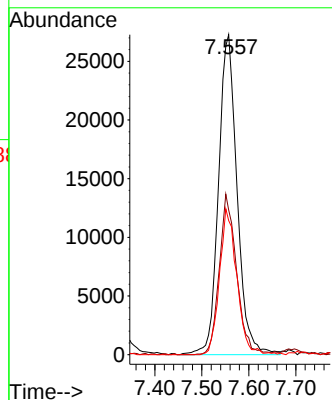
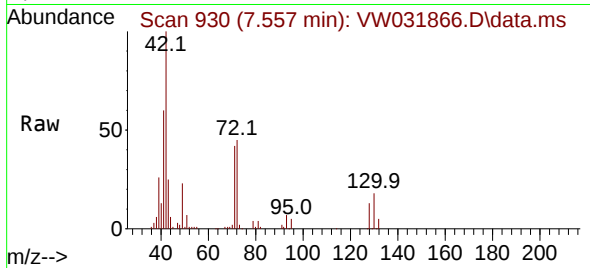




#29
Tetrahydrofuran
Concen: 107.754 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

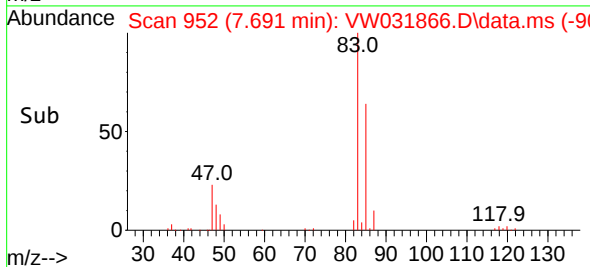
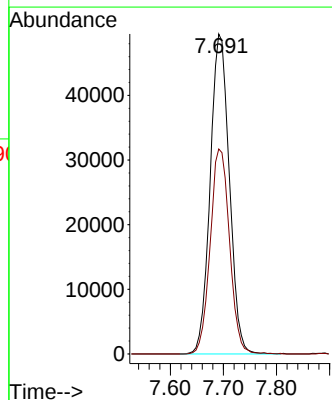
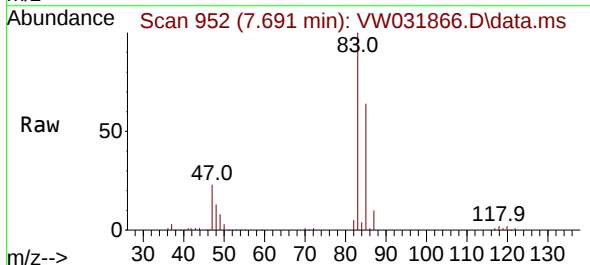
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

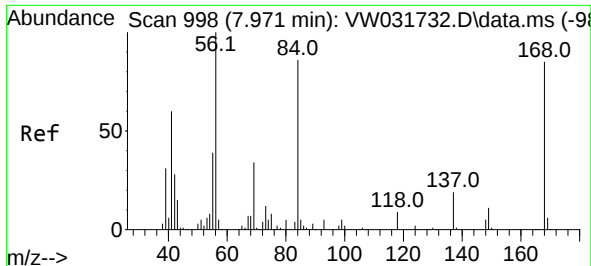
Tgt Ion: 42 Resp: 75005
Ion Ratio Lower Upper
42 100
72 46.8 36.8 55.2
71 42.2 34.6 52.0



#30
Chloroform
Concen: 22.878 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 83 Resp: 123775
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0

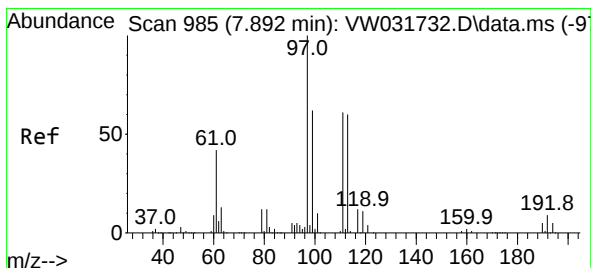
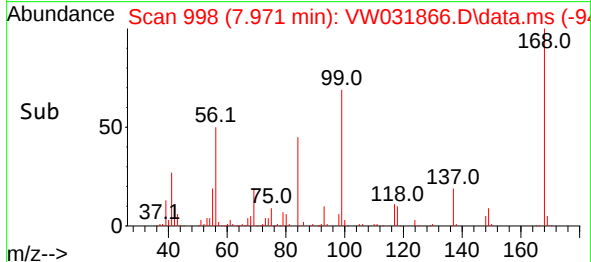
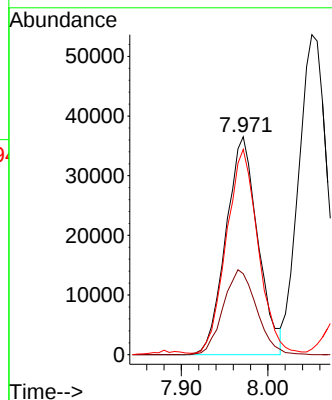
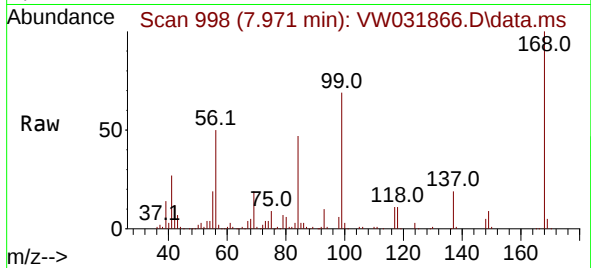




#31
Cyclohexane
Concen: 20.853 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

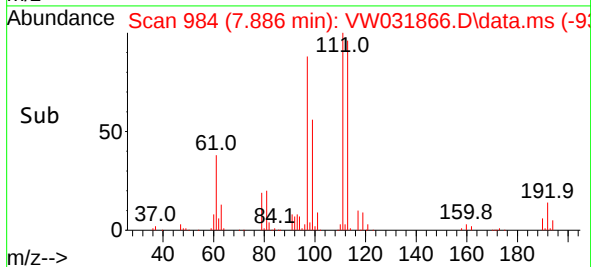
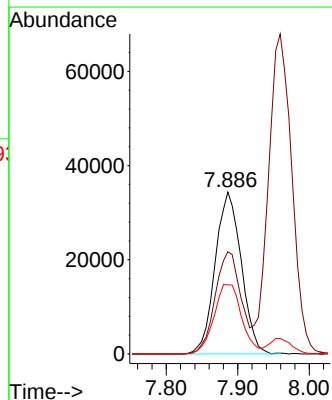
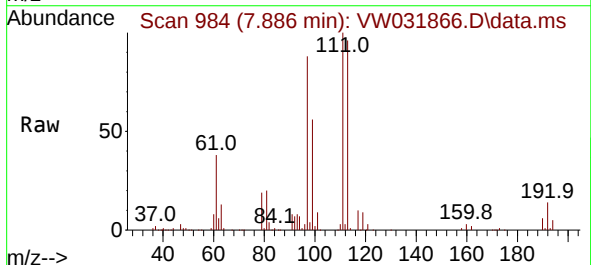
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

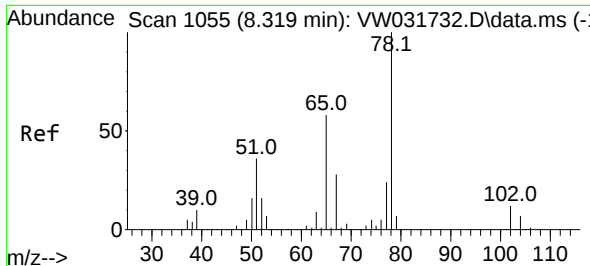
Tgt Ion: 56 Resp: 93853
Ion Ratio Lower Upper
56 100
69 37.2 27.2 40.8
84 93.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.916 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 97 Resp: 87204
Ion Ratio Lower Upper
97 100
99 61.9 51.0 76.6
61 45.3 36.0 54.0

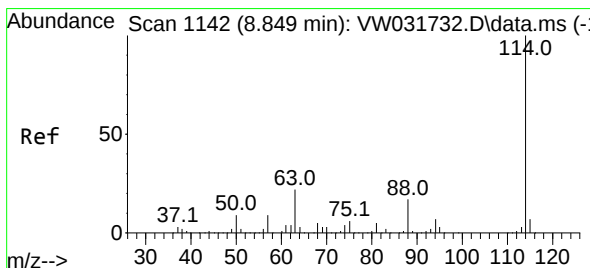
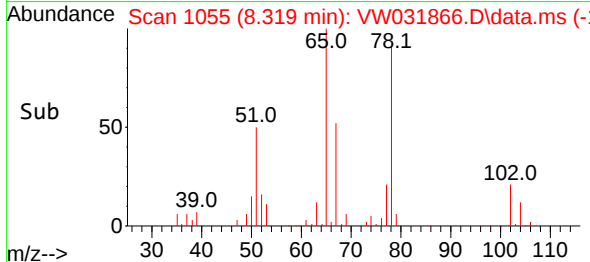
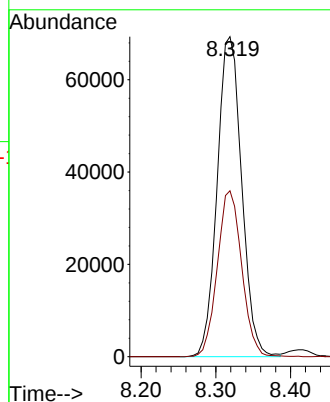
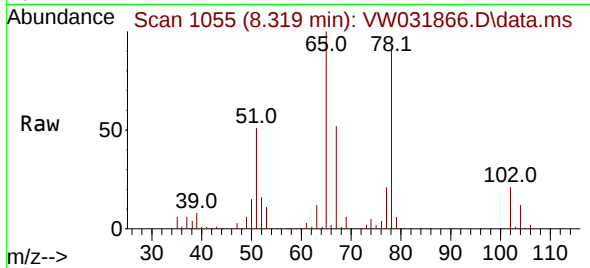




#33
 1,2-Dichloroethane-d4
 Concen: 50.064 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

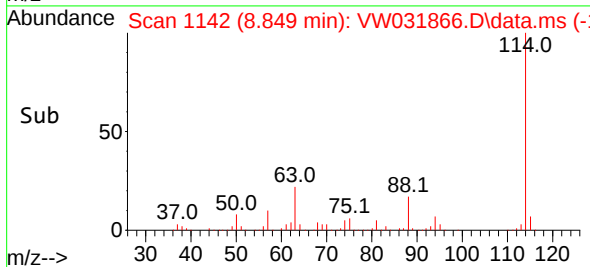
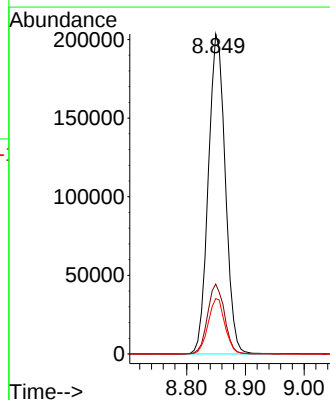
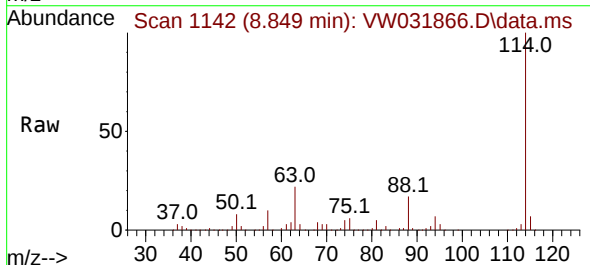
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

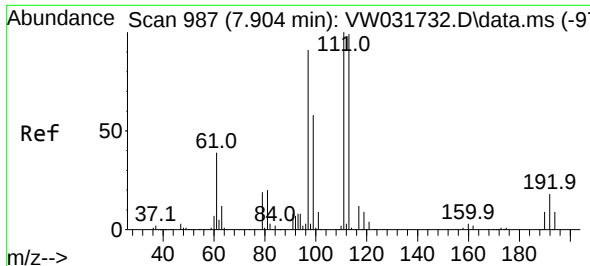
Tgt Ion: 65 Resp: 158248
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

Tgt Ion: 114 Resp: 408210
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.6
 88 17.3 0.0 34.2

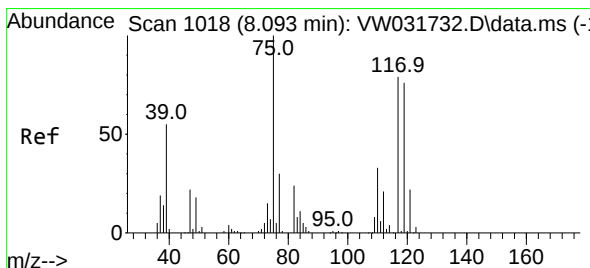
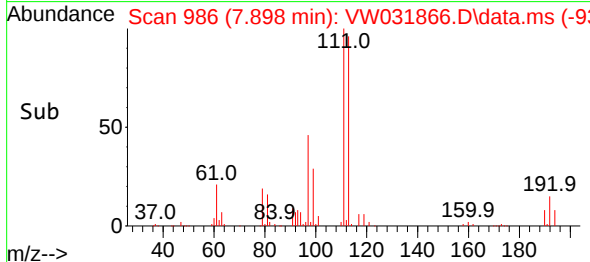
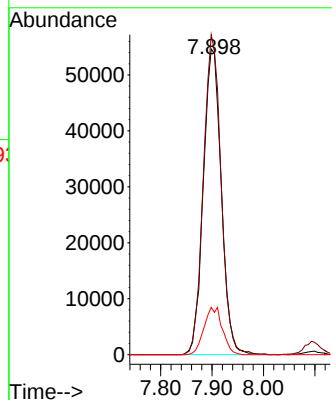
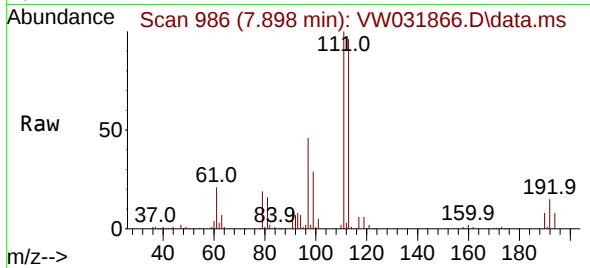




#35
 Dibromofluoromethane
 Concen: 49.795 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

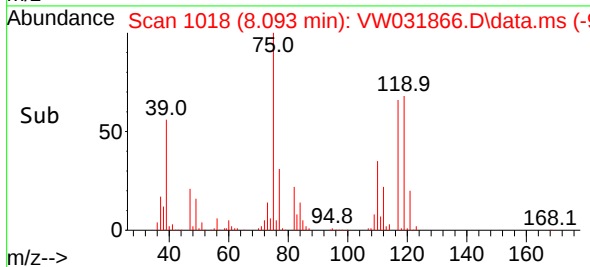
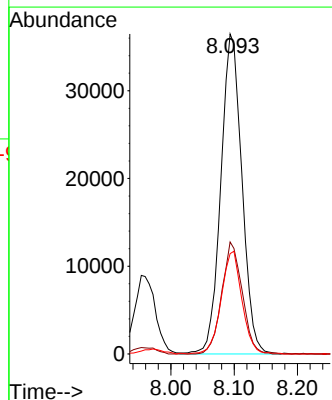
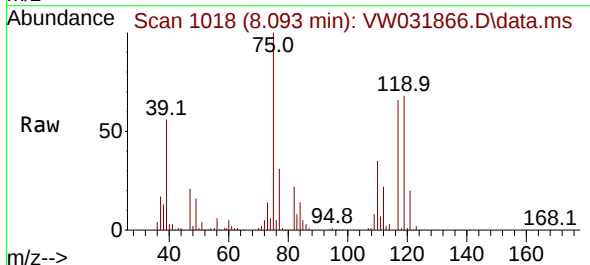
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

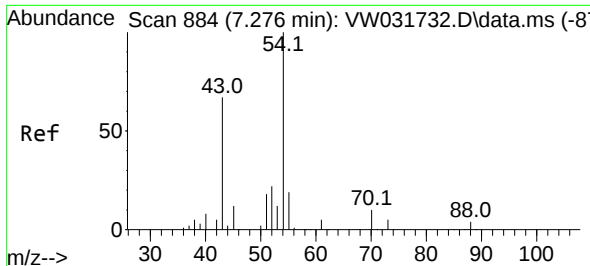
Tgt Ion:113	Resp:	132641	
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	15.9	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 21.876 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031866.D
 Acq: 16 Jul 2025 10:22

Tgt Ion: 75	Resp: 84323
Ion Ratio	Lower Upper
75 100	
110 33.9	16.8 50.4
77 31.7	25.0 37.6

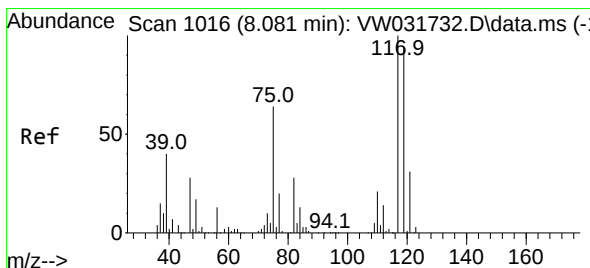
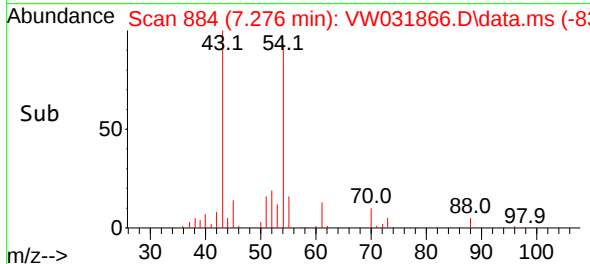
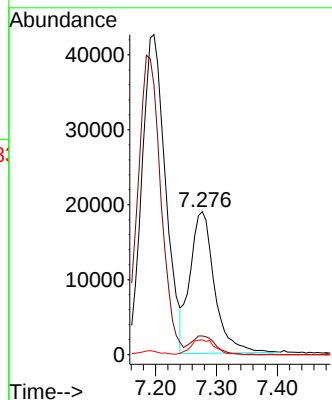
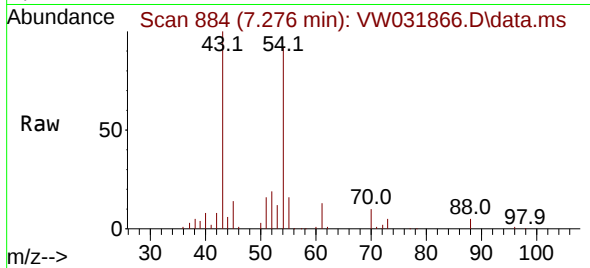




#37
Ethyl Acetate
Concen: 21.712 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

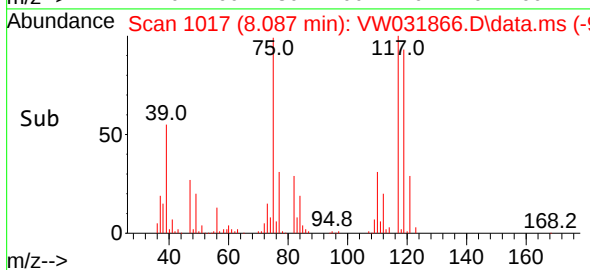
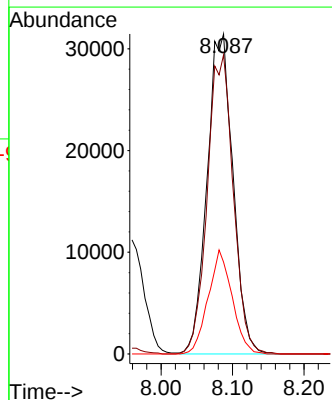
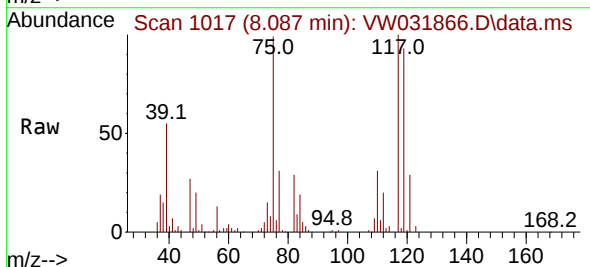
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

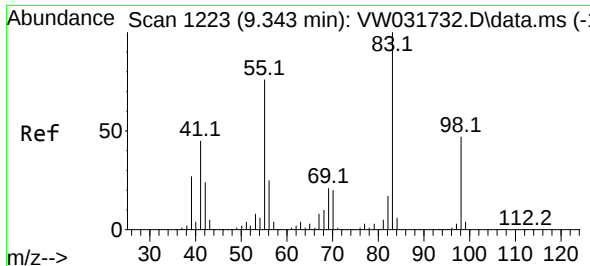
Tgt Ion: 43 Resp: 52794
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 10.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.171 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 117 Resp: 79229
Ion Ratio Lower Upper
117 100
119 93.4 75.0 112.6
121 28.7 24.6 37.0

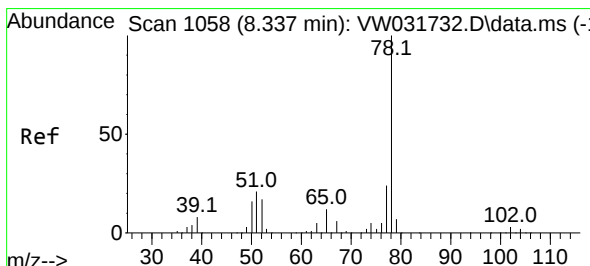
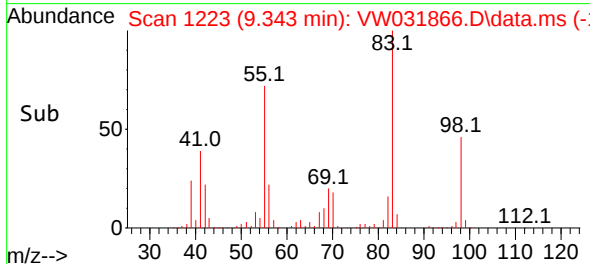
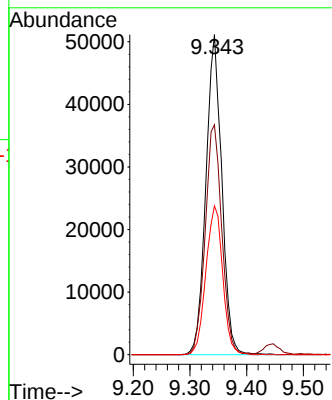
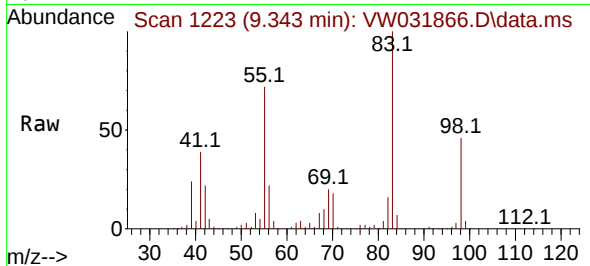




#39
Methylcyclohexane
Concen: 20.739 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

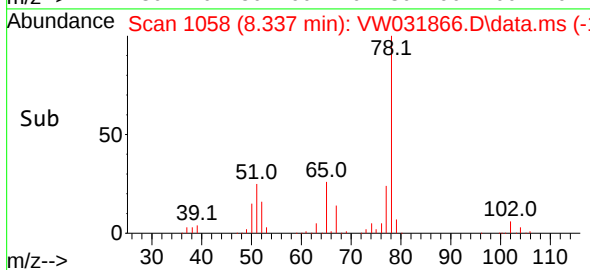
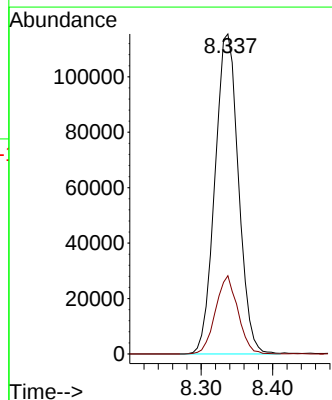
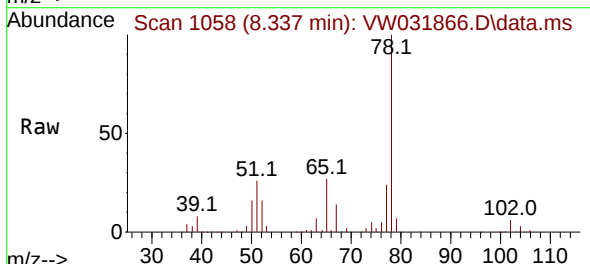
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.8	61.0	91.4
98	46.5	37.9	56.9



#40
Benzene
Concen: 23.114 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

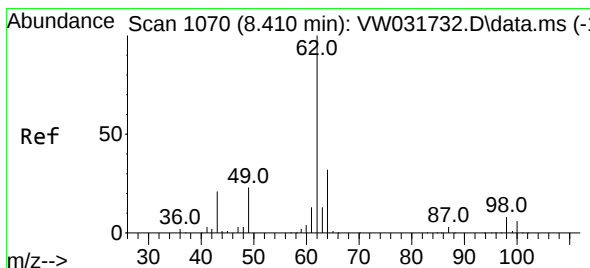
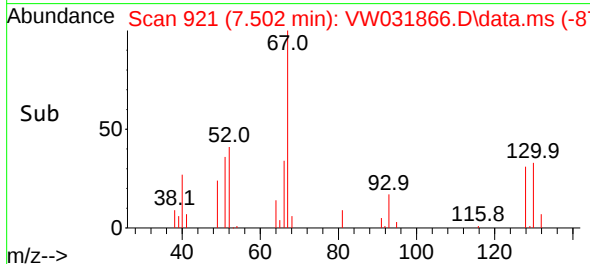
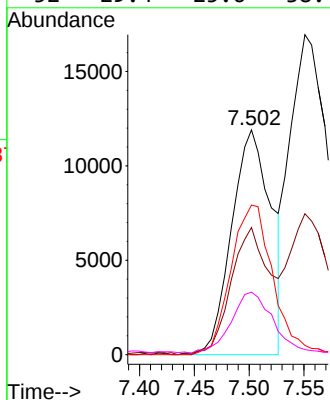
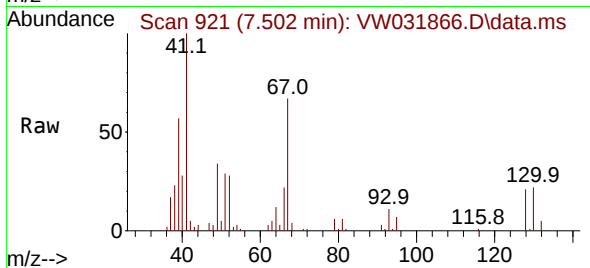




#41
Methacrylonitrile
Concen: 22.846 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

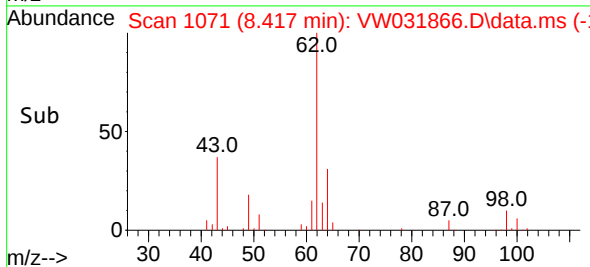
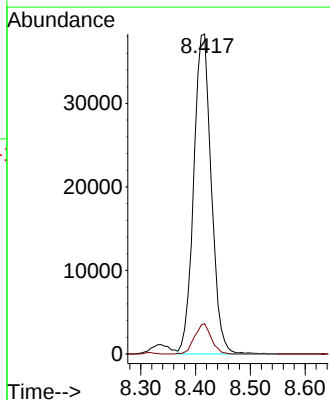
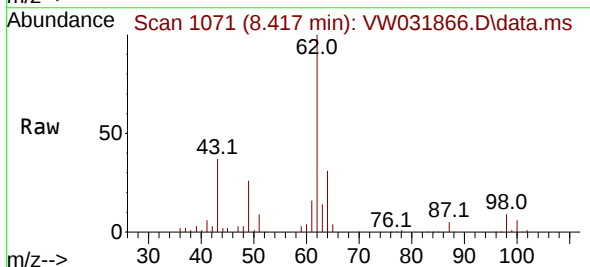
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

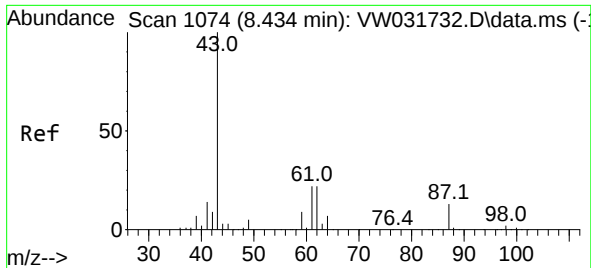
Tgt Ion:	41	Resp:	29759
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.2	64.8
67	71.3	58.1	87.1
52	29.4	25.6	38.4



#42
1,2-Dichloroethane
Concen: 22.197 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:	62	Resp:	85533
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2

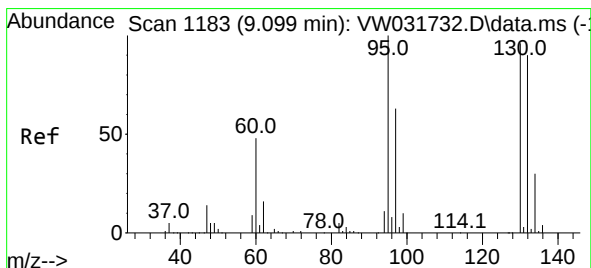
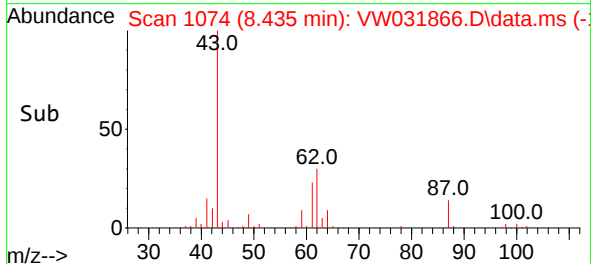
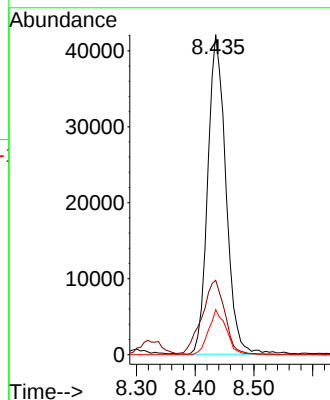
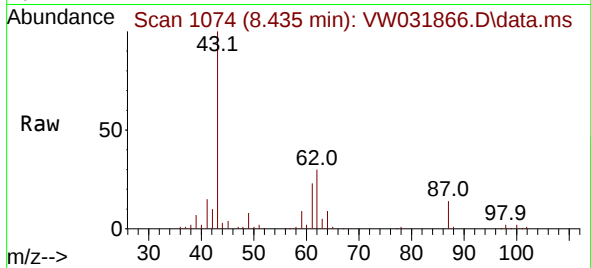




#43
Isopropyl Acetate
Concen: 21.488 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

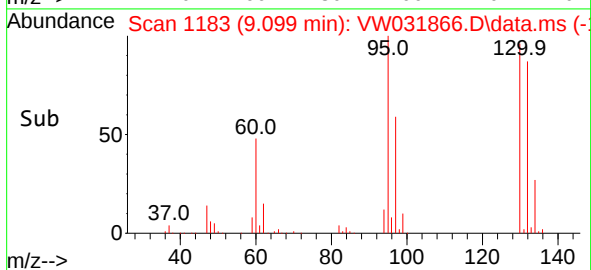
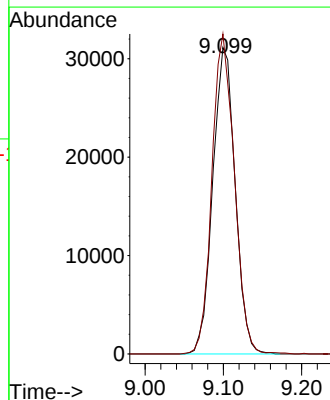
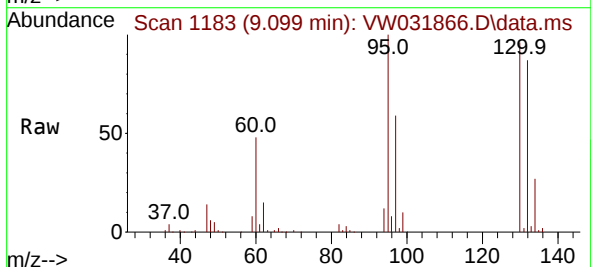
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

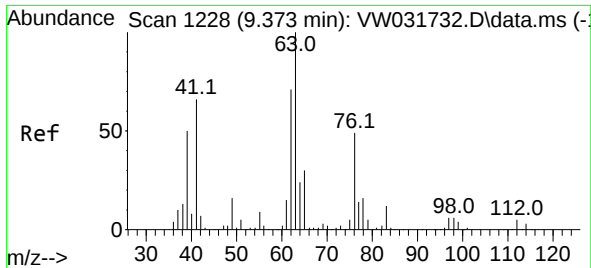
Tgt Ion: 43 Resp: 90065
Ion Ratio Lower Upper
43 100
61 29.8 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 21.767 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:130 Resp: 61958
Ion Ratio Lower Upper
130 100
95 104.4 0.0 208.6

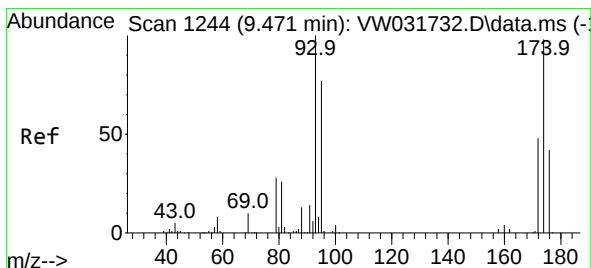
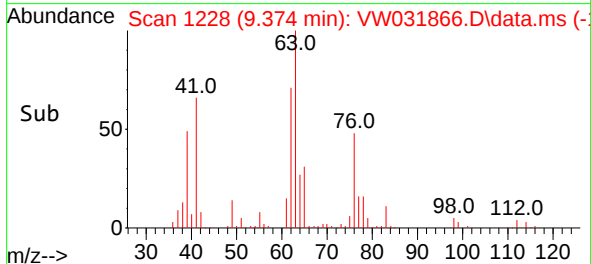
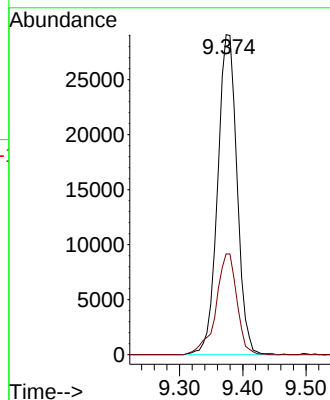
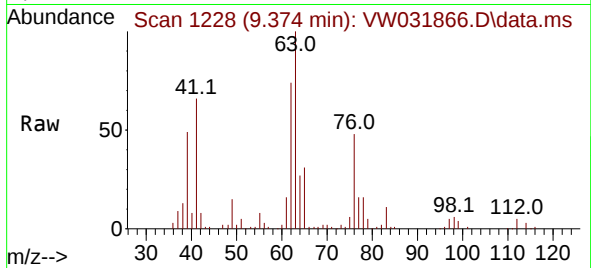




#45
1,2-Dichloropropane
Concen: 22.425 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

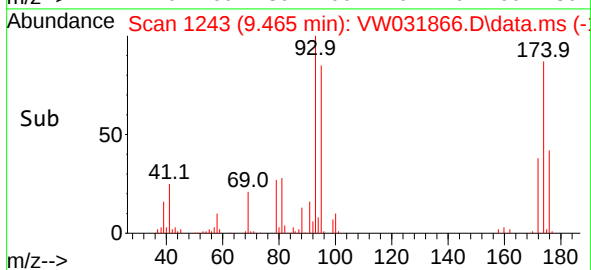
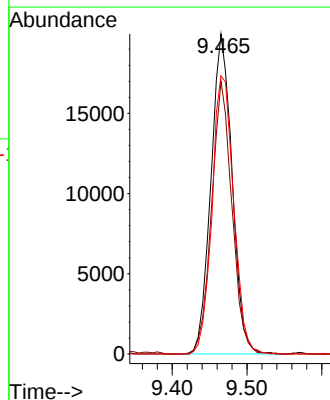
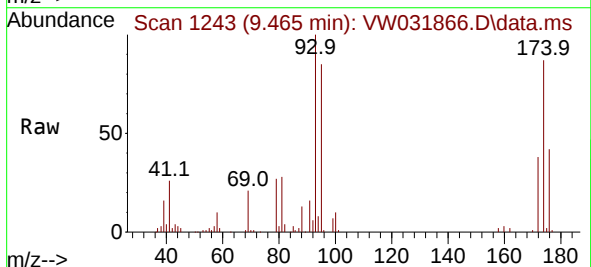
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

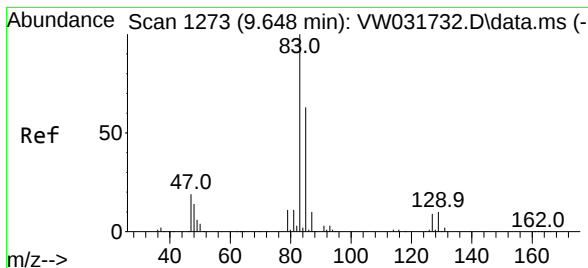
Tgt Ion: 63 Resp: 61808
Ion Ratio Lower Upper
63 100
65 31.5 24.2 36.4



#46
Dibromomethane
Concen: 22.042 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 93 Resp: 39223
Ion Ratio Lower Upper
93 100
95 81.7 67.0 100.4
174 88.8 71.7 107.5





#47

Bromodichloromethane

Concen: 22.072 ug/l

RT: 9.648 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

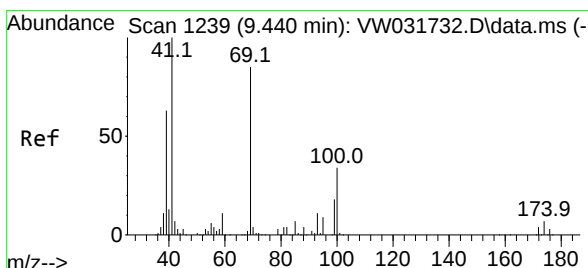
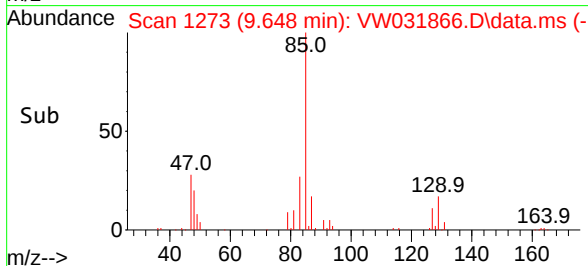
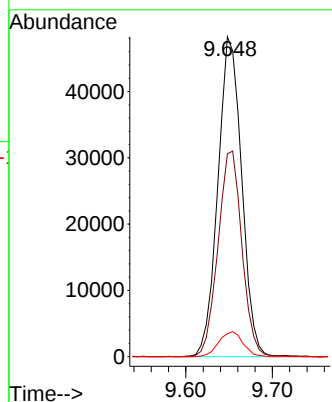
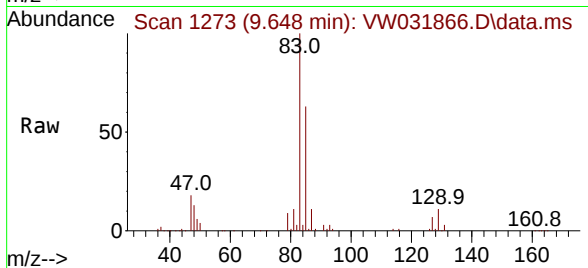
Tgt Ion: 83 Resp: 92100

Ion Ratio Lower Upper

83 100

85 63.4 50.8 76.2

127 7.1 6.8 10.2



#48

Methyl methacrylate

Concen: 21.274 ug/l

RT: 9.447 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

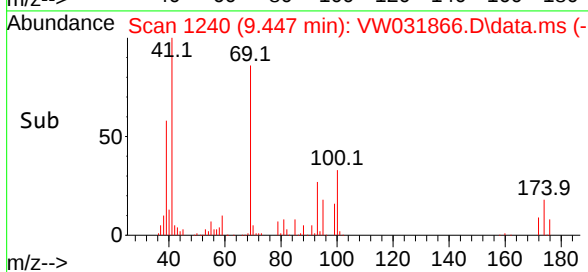
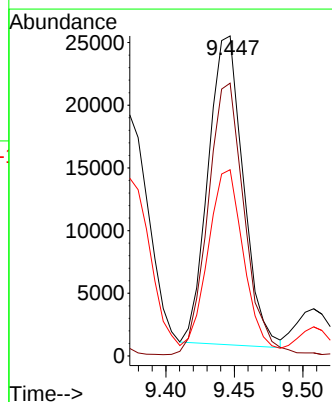
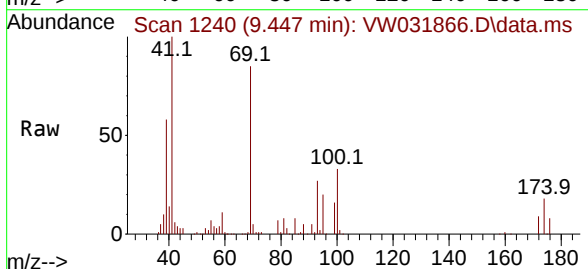
Tgt Ion: 41 Resp: 43845

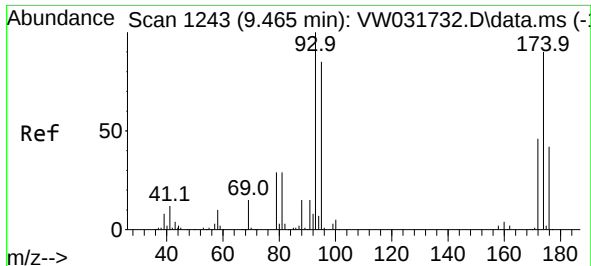
Ion Ratio Lower Upper

41 100

69 92.3 71.6 107.4

39 57.4 49.5 74.3





#49

1,4-Dioxane

Concen: 398.447 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

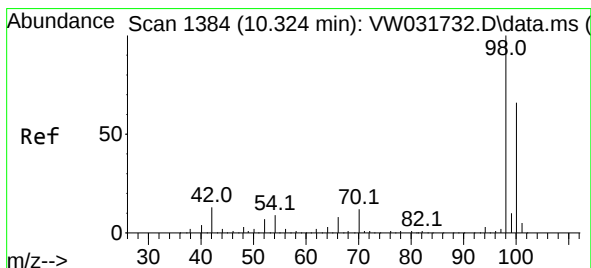
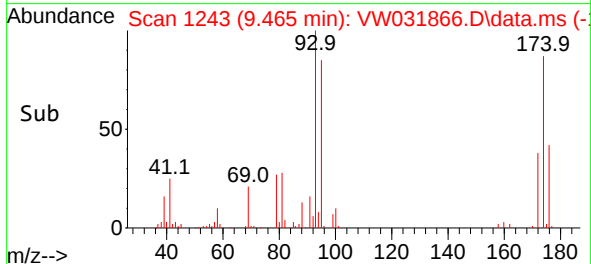
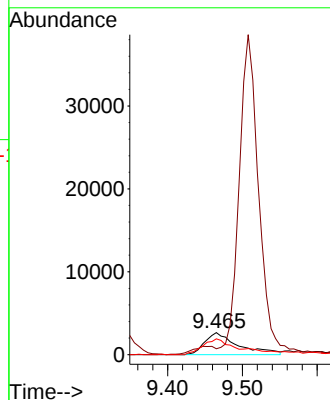
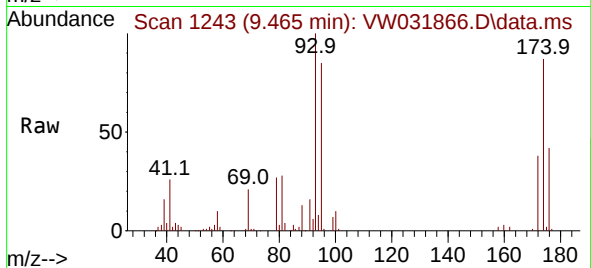
Tgt Ion: 88 Resp: 8304

Ion Ratio Lower Upper

88 100

43 26.2 0.0 0.0#

58 60.3 58.3 87.5



#50

Toluene-d8

Concen: 49.055 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031866.D

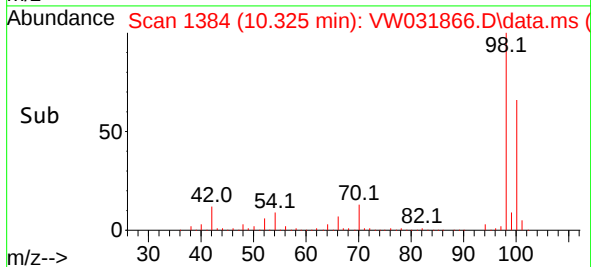
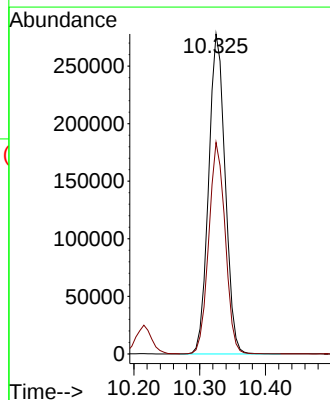
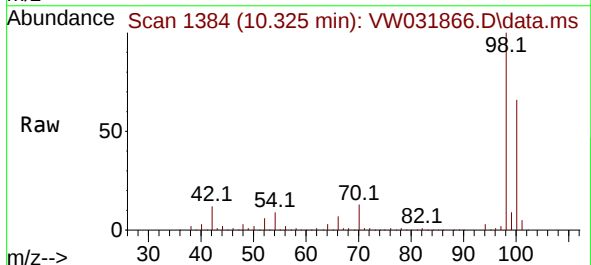
Acq: 16 Jul 2025 10:22

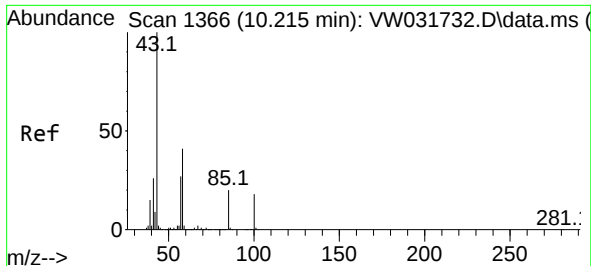
Tgt Ion: 98 Resp: 486272

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4

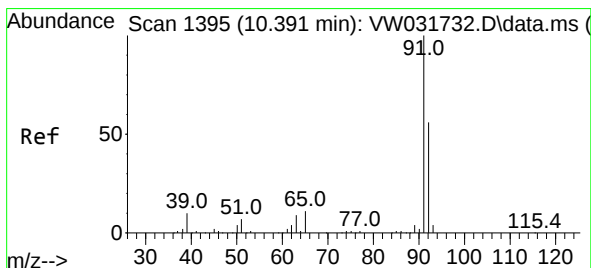
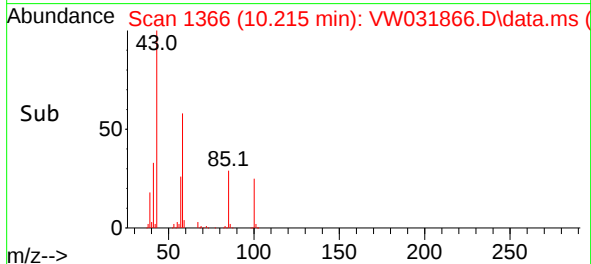
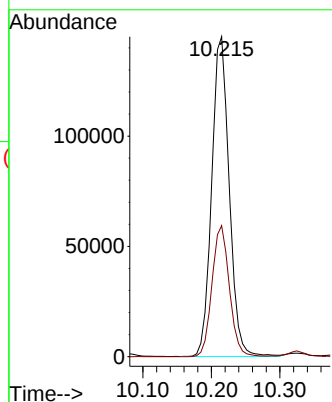
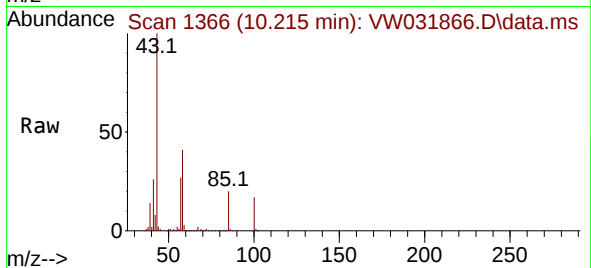




#51
4-Methyl-2-Pentanone
Concen: 106.674 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

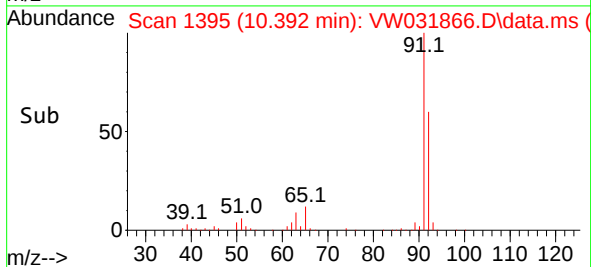
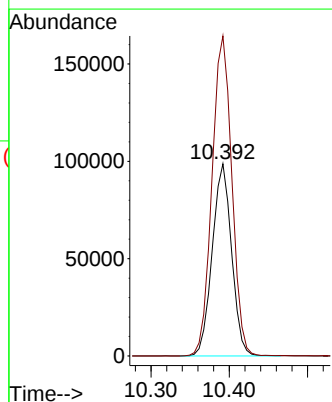
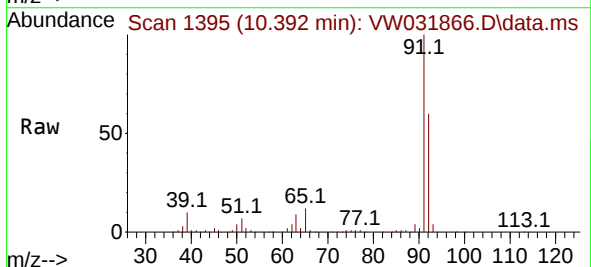
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion: 43 Resp: 257053
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2



#52
Toluene
Concen: 23.166 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 92 Resp: 169153
Ion Ratio Lower Upper
92 100
91 171.1 139.5 209.3

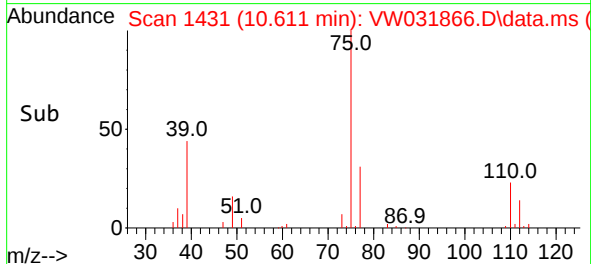
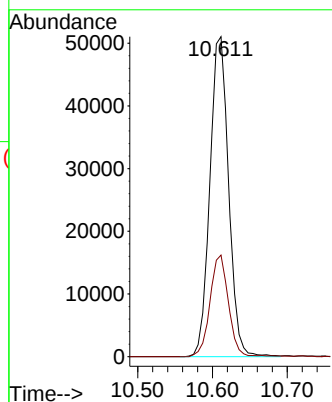
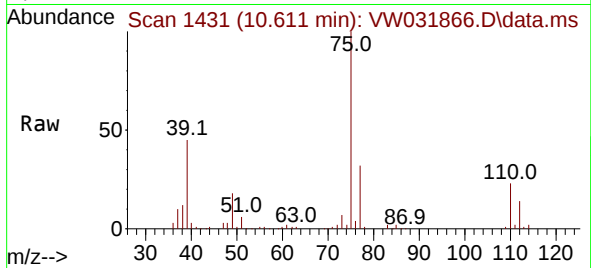




#53
t-1,3-Dichloropropene
Concen: 22.744 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

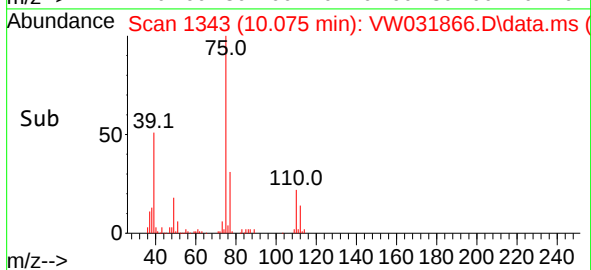
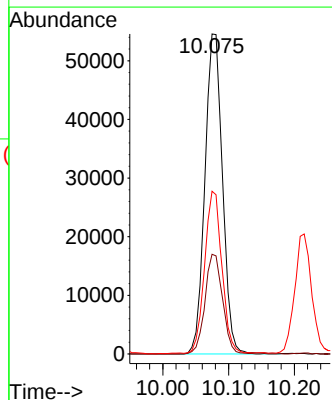
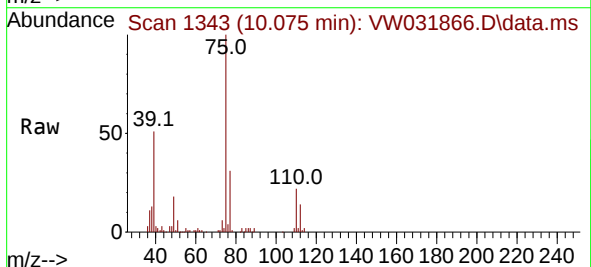
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

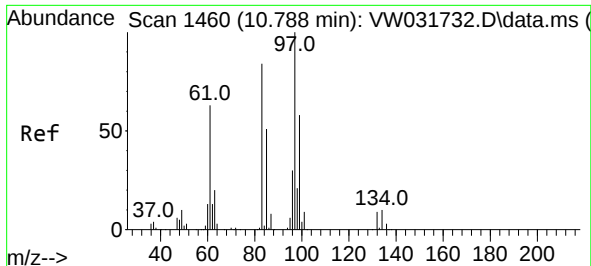
Tgt Ion: 75 Resp: 89044
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 22.897 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 75 Resp: 101625
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2
39 50.6 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 22.029 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

Tgt Ion: 97 Resp: 51348

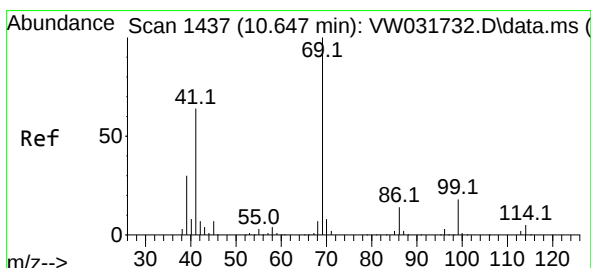
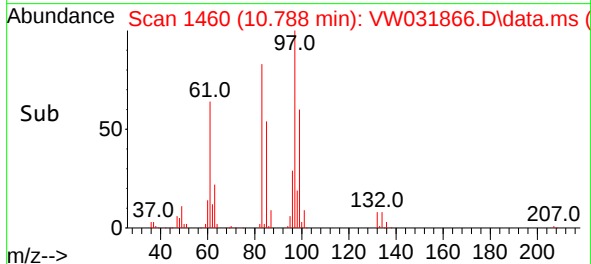
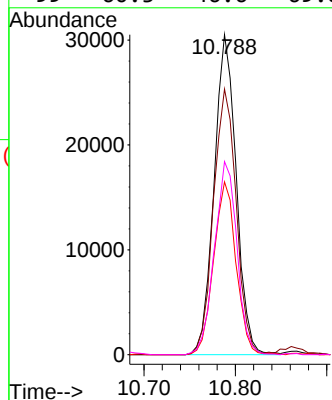
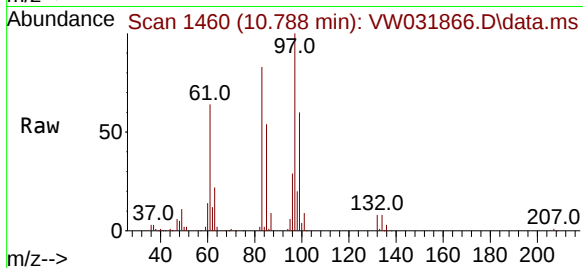
Ion Ratio Lower Upper

97 100

83 83.0 66.9 100.3

85 54.0 41.1 61.7

99 60.3 46.6 69.8



#56

Ethyl methacrylate

Concen: 22.658 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

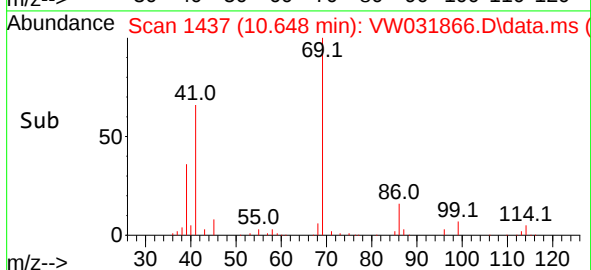
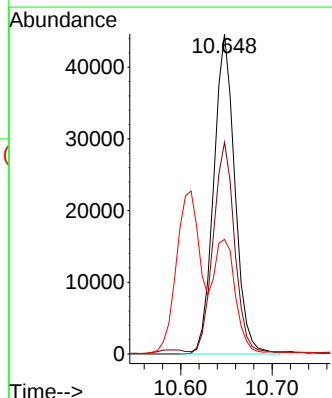
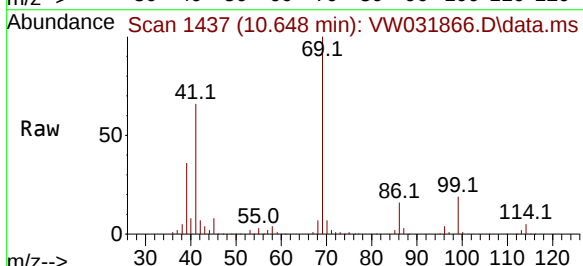
Tgt Ion: 69 Resp: 71650

Ion Ratio Lower Upper

69 100

41 66.8 53.3 79.9

39 35.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 21.942 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

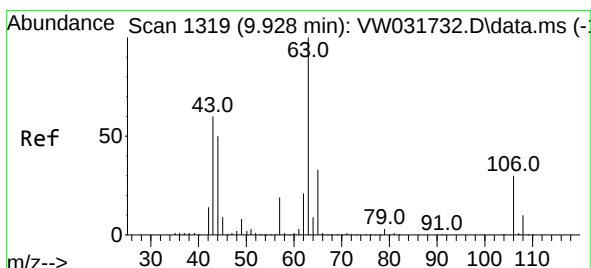
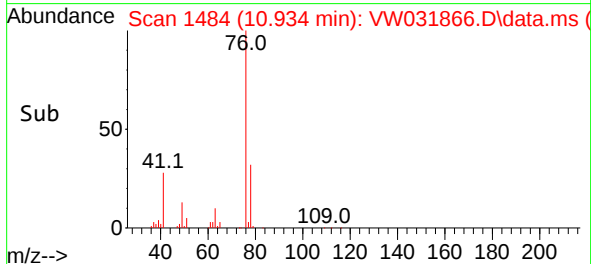
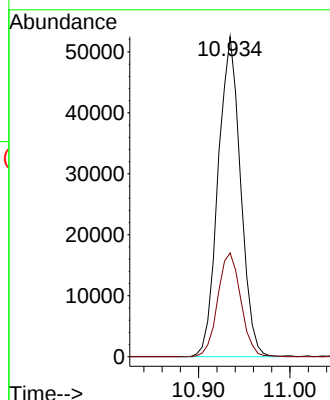
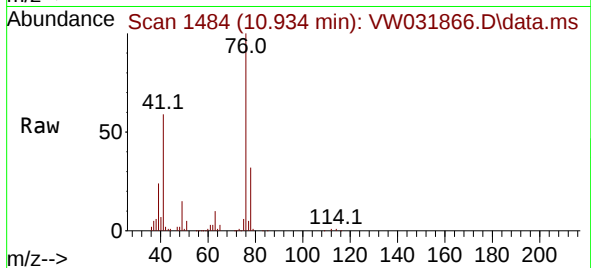
VW0716SBS01

Tgt Ion: 76 Resp: 89794

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.204 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031866.D

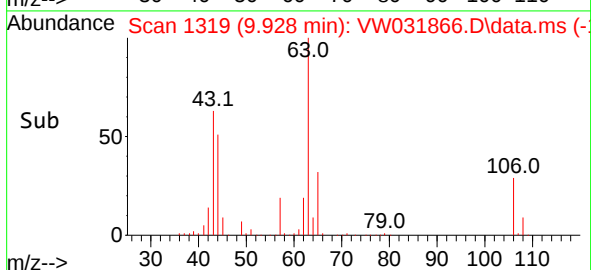
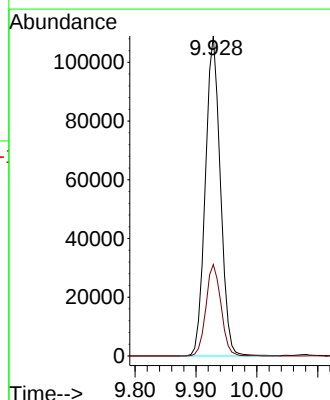
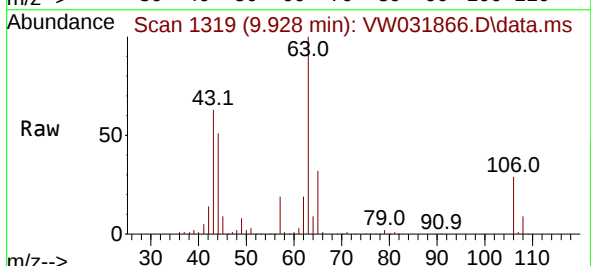
Acq: 16 Jul 2025 10:22

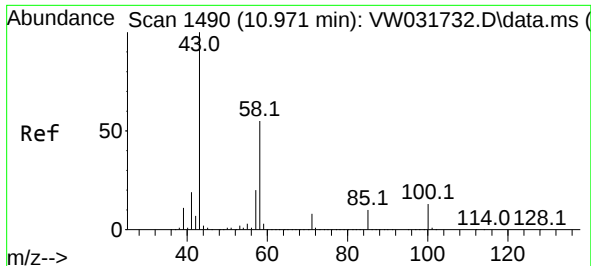
Tgt Ion: 63 Resp: 186674

Ion Ratio Lower Upper

63 100

106 28.6 24.1 36.1

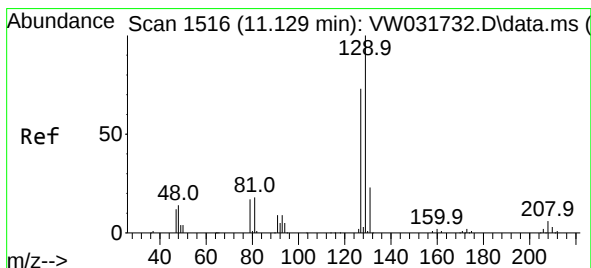
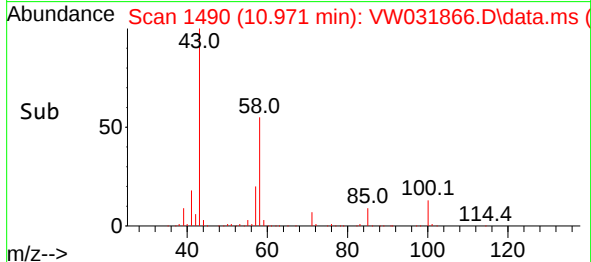
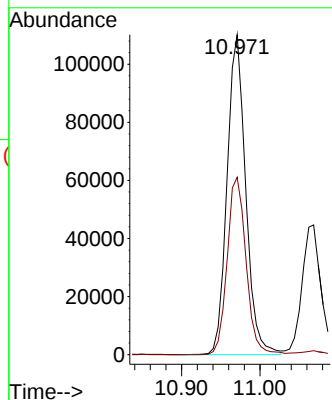
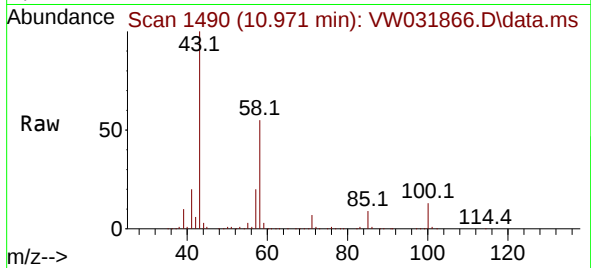




#59
2-Hexanone
Concen: 111.585 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

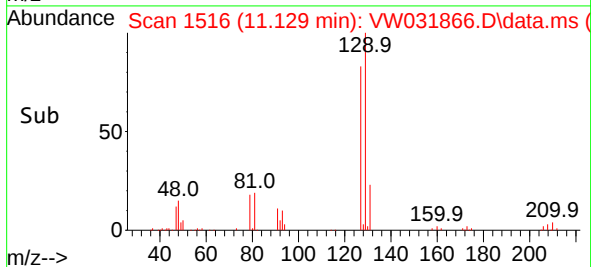
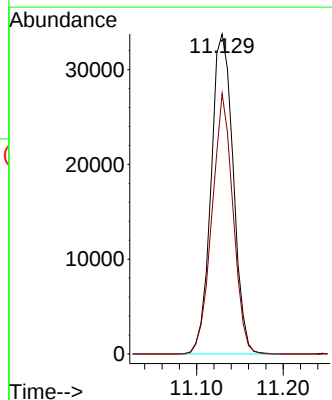
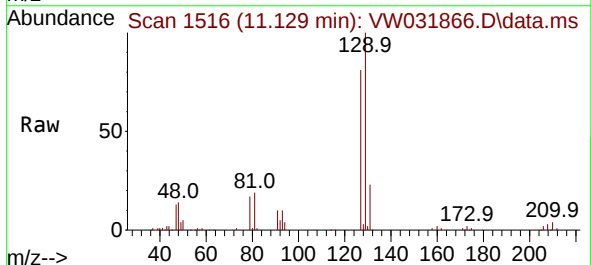
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

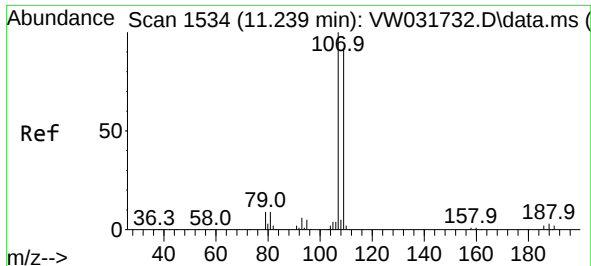
Tgt Ion: 43 Resp: 182209
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.6



#60
Dibromochloromethane
Concen: 21.473 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:129 Resp: 59854
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1

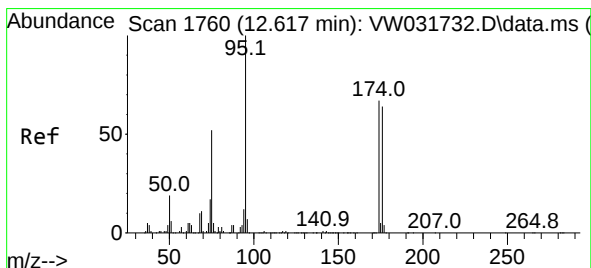
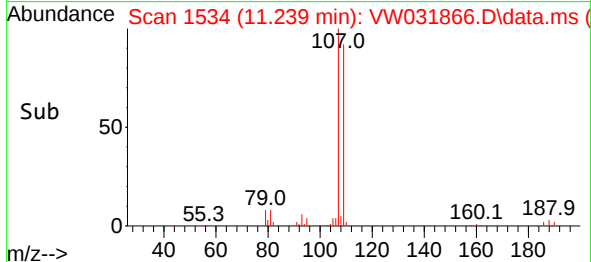
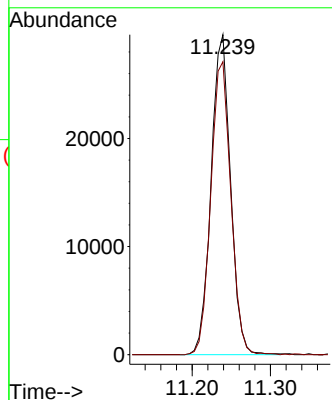
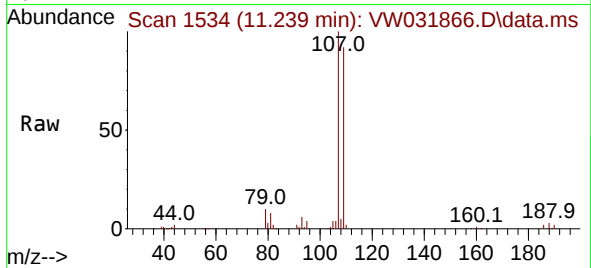




#61
1,2-Dibromoethane
Concen: 21.839 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

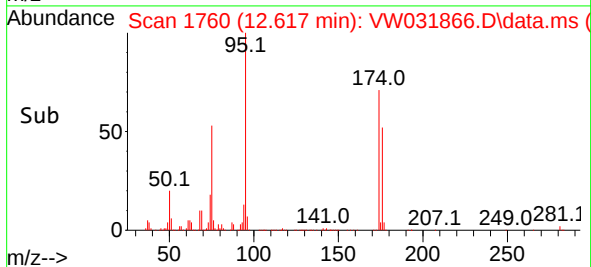
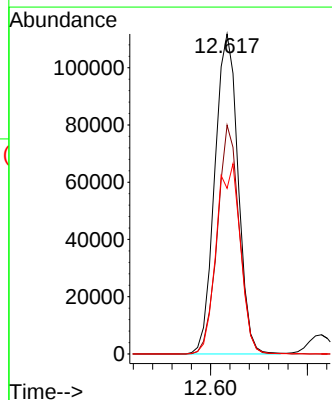
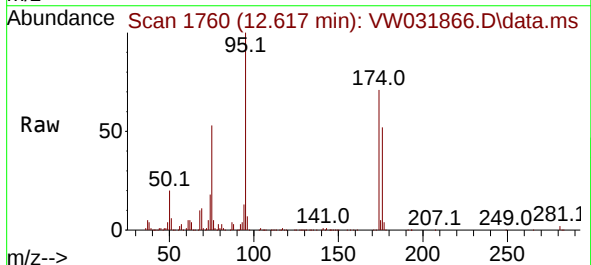
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

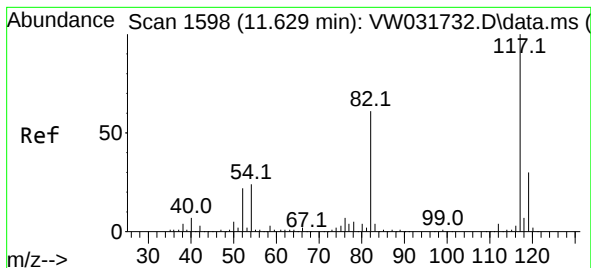
Tgt Ion:107 Resp: 50961
Ion Ratio Lower Upper
107 100
109 94.4 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.122 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 95 Resp: 186490
Ion Ratio Lower Upper
95 100
174 67.2 0.0 133.8
176 61.7 0.0 126.0

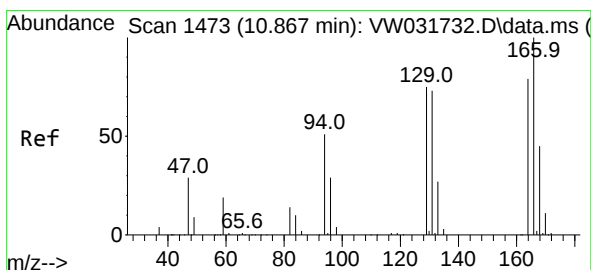
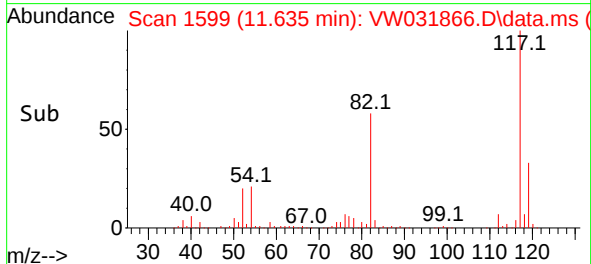
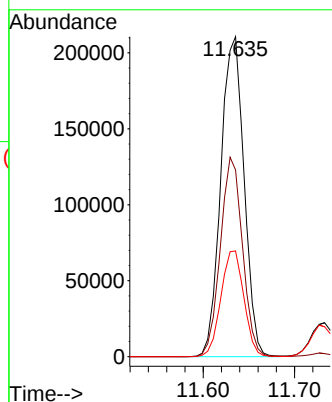
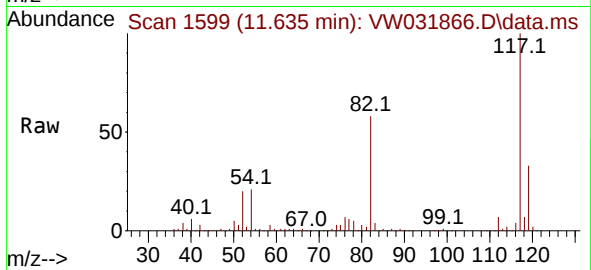




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

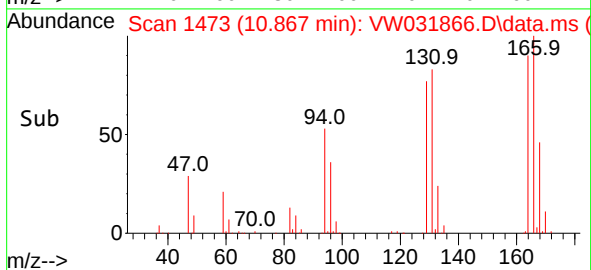
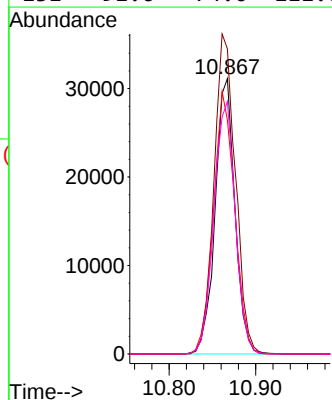
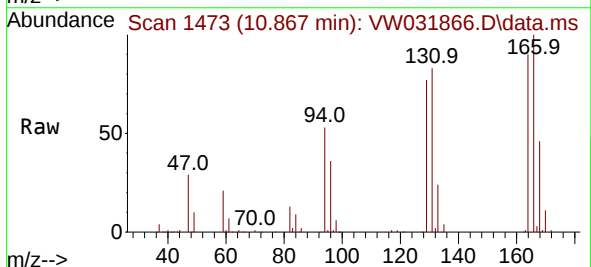
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

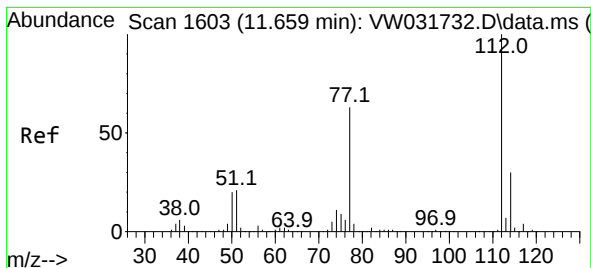
Tgt Ion:117 Resp: 372511
Ion Ratio Lower Upper
117 100
82 58.3 48.6 72.8
119 33.1 23.9 35.9



#64
Tetrachloroethene
Concen: 20.258 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:164 Resp: 49361
Ion Ratio Lower Upper
164 100
166 110.8 100.7 151.1
129 84.9 75.4 113.0
131 91.6 74.0 111.0





#65

Chlorobenzene

Concen: 22.042 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

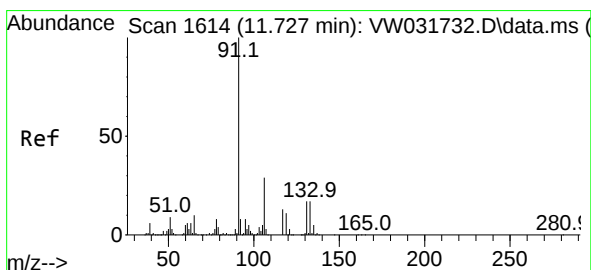
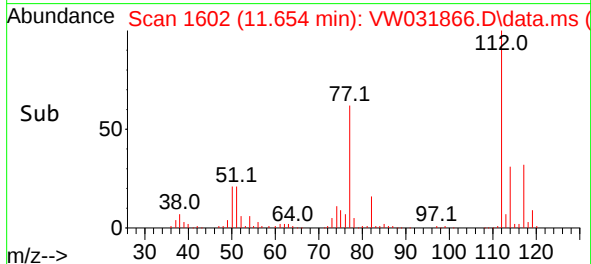
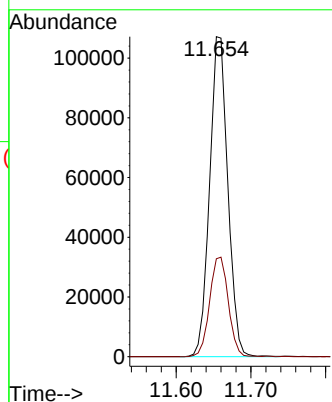
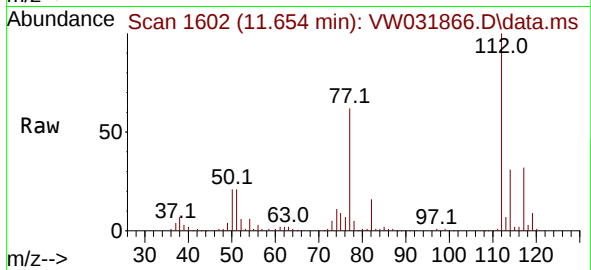
VW0716SBS01

Tgt Ion:112 Resp: 181158

Ion Ratio Lower Upper

112 100

114 30.6 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 21.084 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

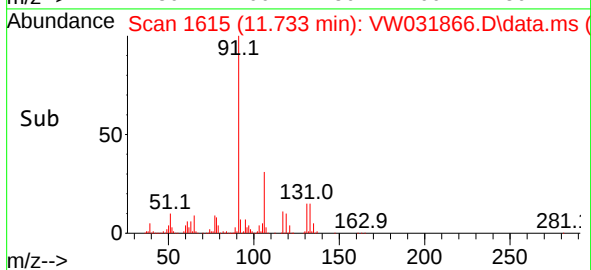
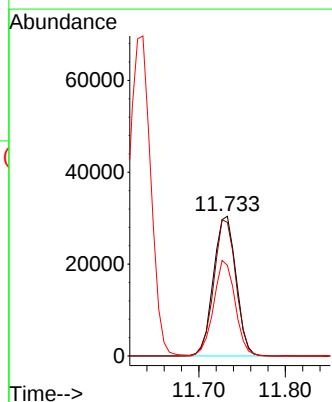
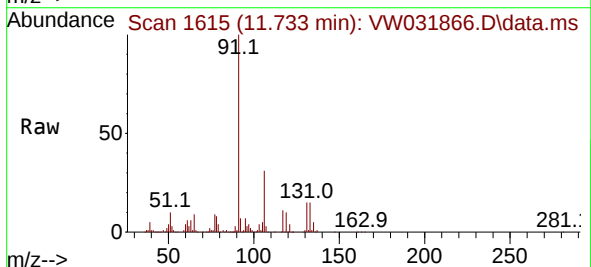
Tgt Ion:131 Resp: 55221

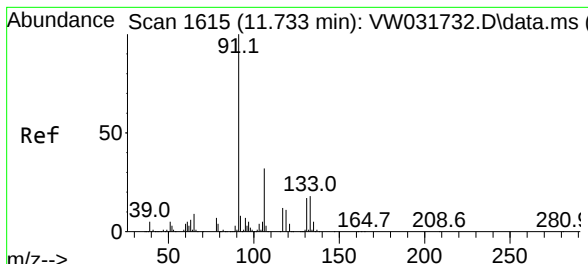
Ion Ratio Lower Upper

131 100

133 95.3 48.5 145.6

119 65.0 32.5 97.5

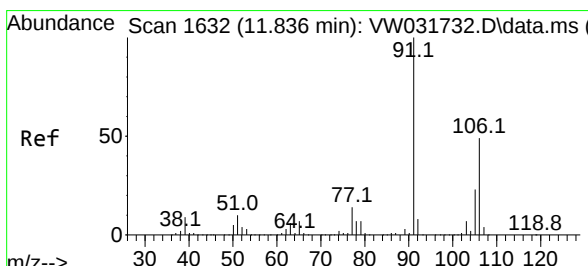
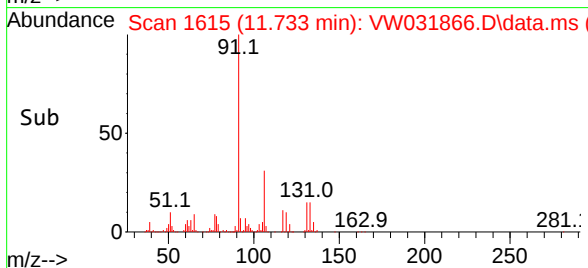
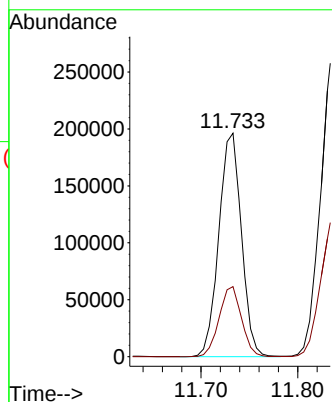
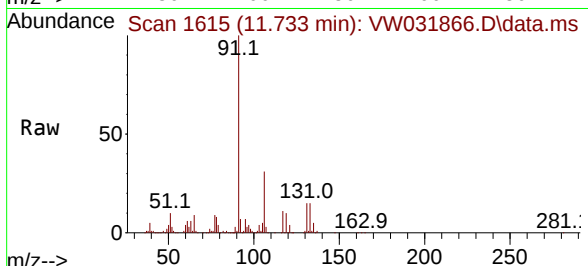




#67
Ethyl Benzene
Concen: 22.295 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

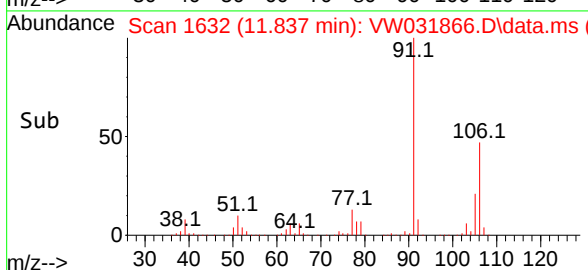
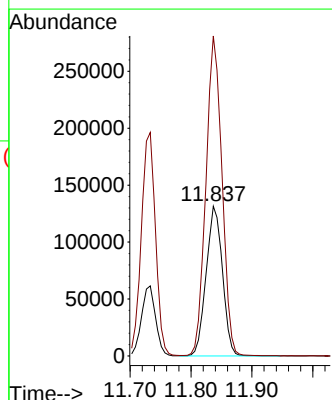
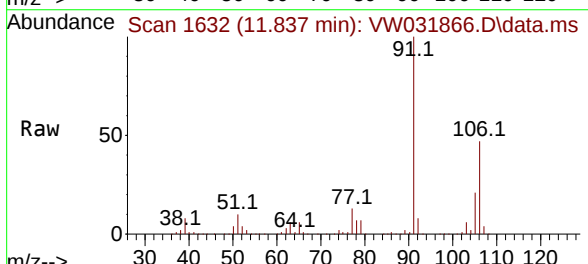
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion: 91 Resp: 317743
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 44.622 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:106 Resp: 244466
Ion Ratio Lower Upper
106 100
91 210.8 166.4 249.6

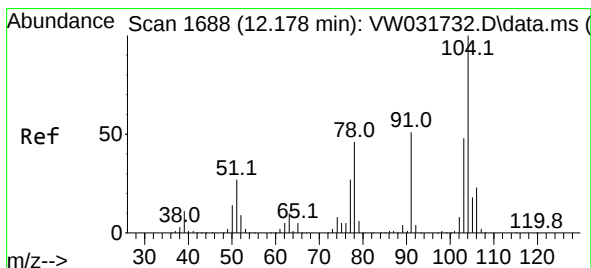
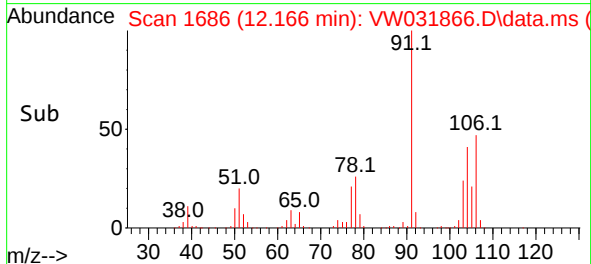
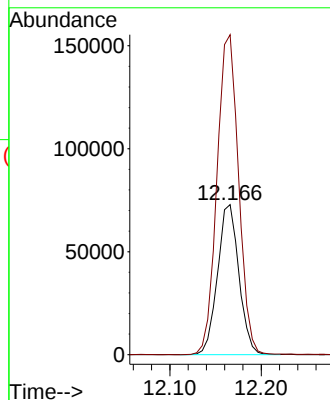
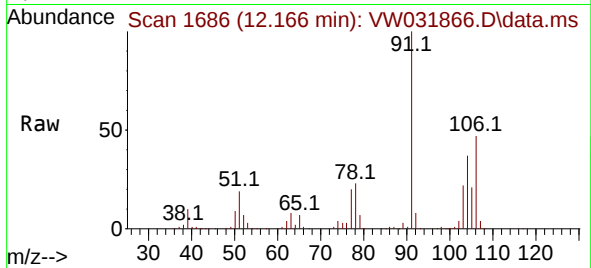




#69
o-Xylene
Concen: 23.349 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

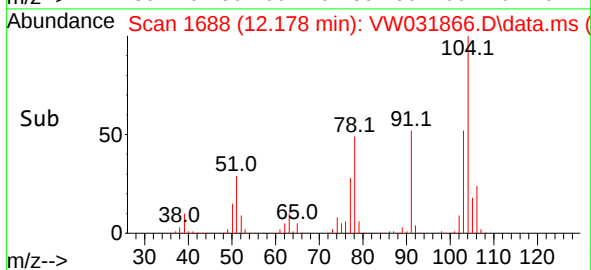
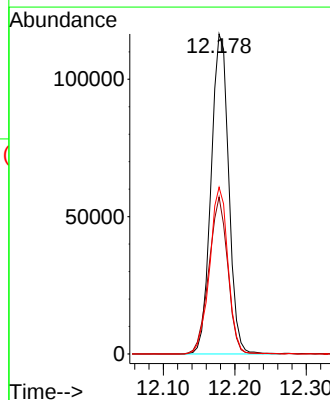
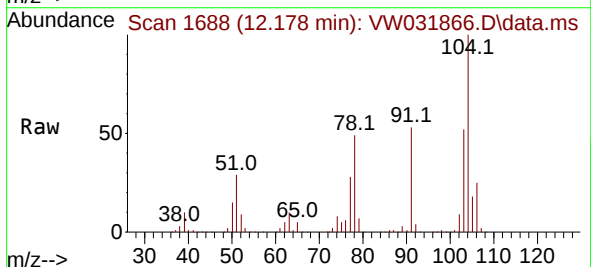
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

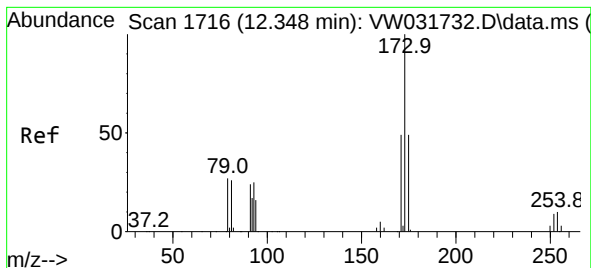
Tgt Ion:106 Resp: 118440
Ion Ratio Lower Upper
106 100
91 215.8 111.5 334.4



#70
Styrene
Concen: 22.772 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:104 Resp: 199694
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 54.3 43.0 64.6





#71

Bromoform

Concen: 19.759 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

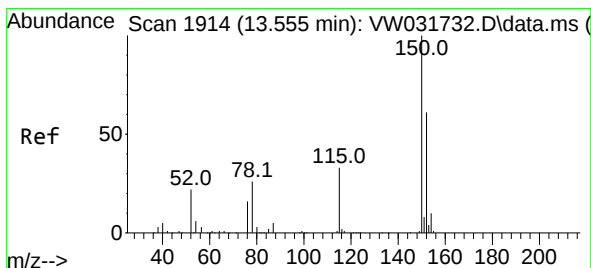
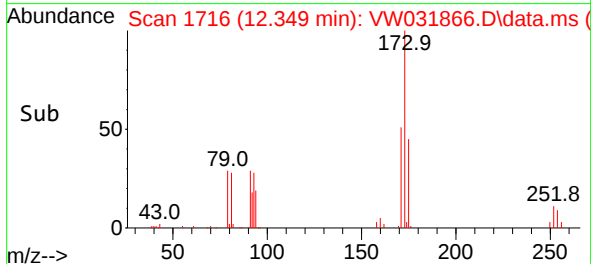
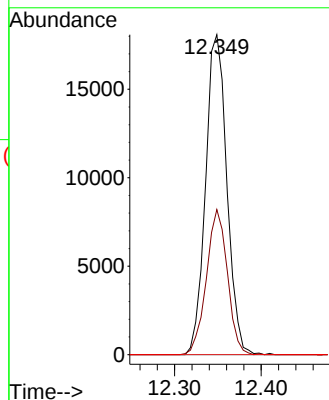
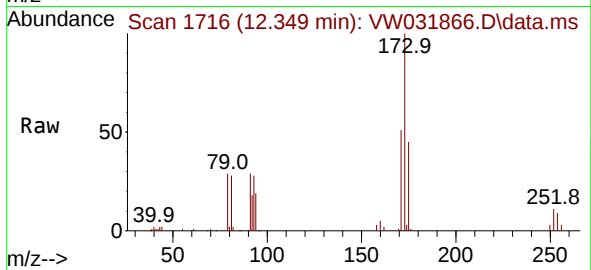
Tgt Ion:173 Resp: 30872

Ion Ratio Lower Upper

173 100

175 44.8 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

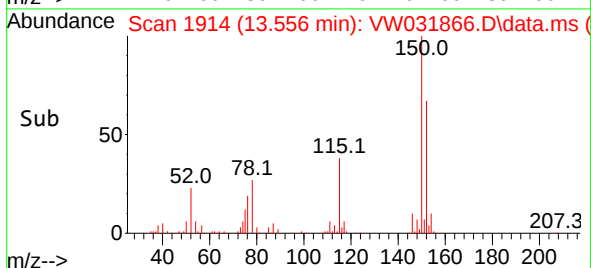
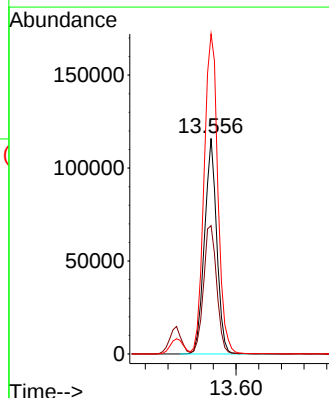
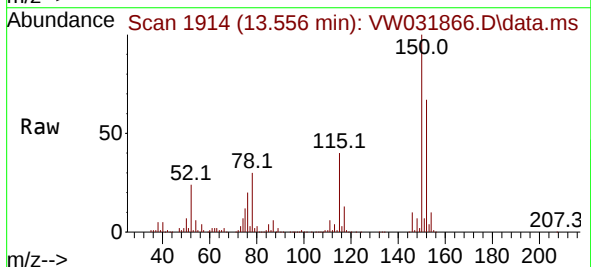
Tgt Ion:152 Resp: 173720

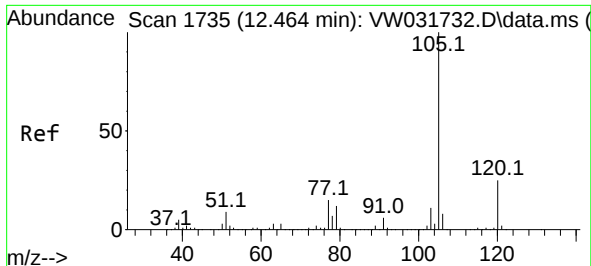
Ion Ratio Lower Upper

152 100

115 64.3 31.9 95.7

150 166.7 0.0 356.4

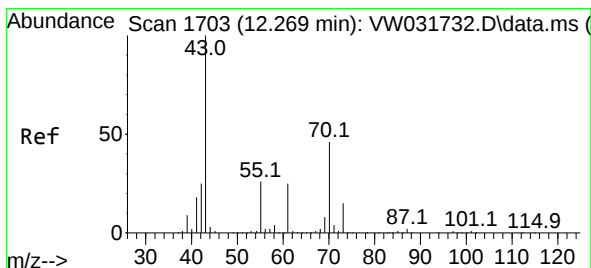
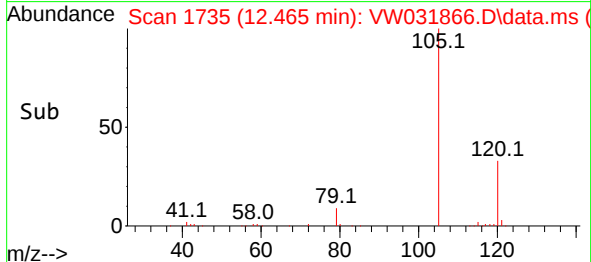
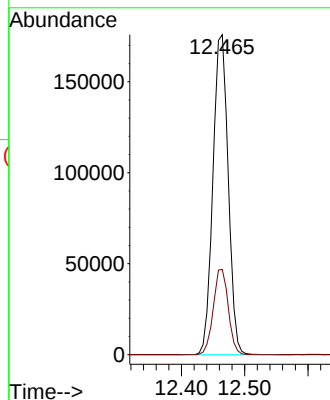
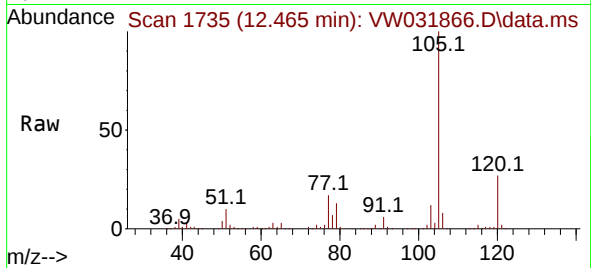




#73
Isopropylbenzene
Concen: 22.306 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

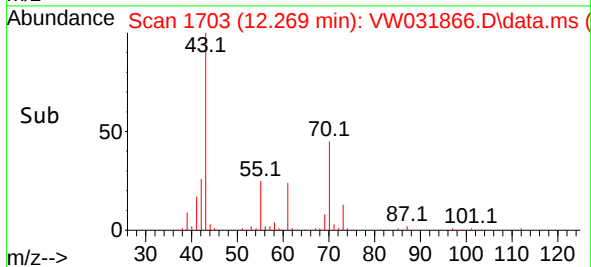
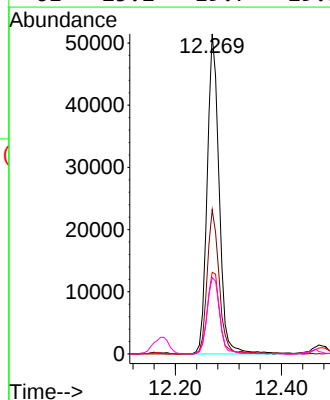
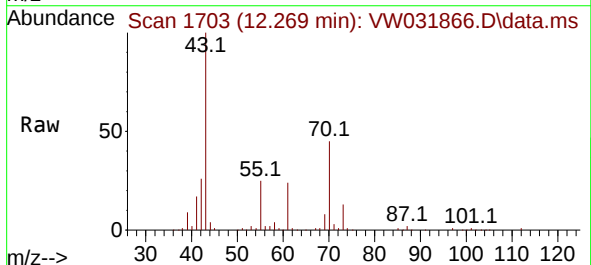
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

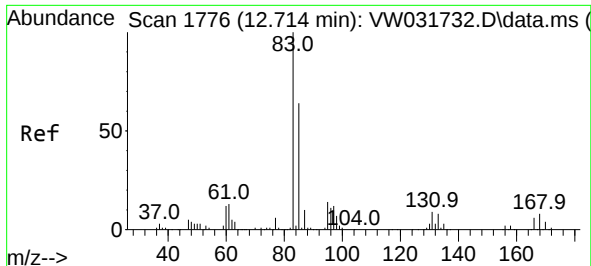
Tgt Ion:105 Resp: 294756
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4



#74
N-ethyl acetate
Concen: 22.598 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 43 Resp: 80486
Ion Ratio Lower Upper
43 100
70 44.5 36.0 54.0
55 26.8 20.8 31.2
61 25.2 19.7 29.5

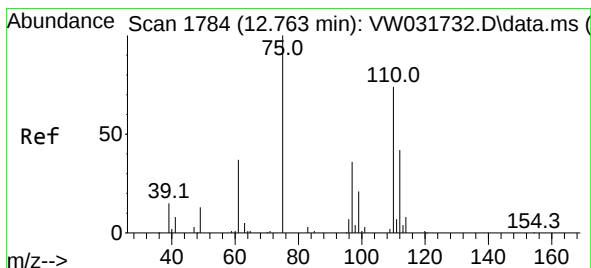
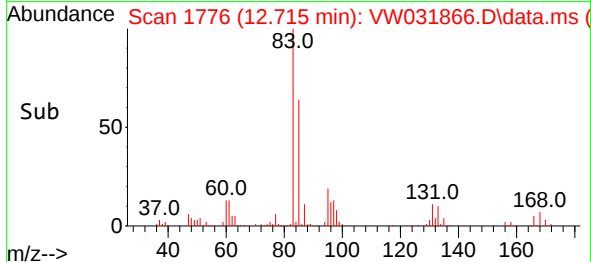
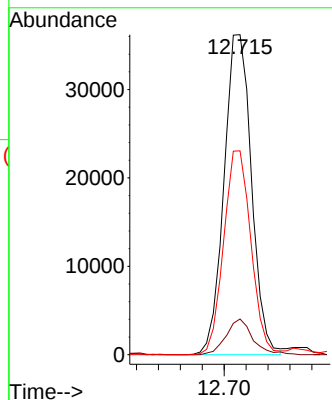
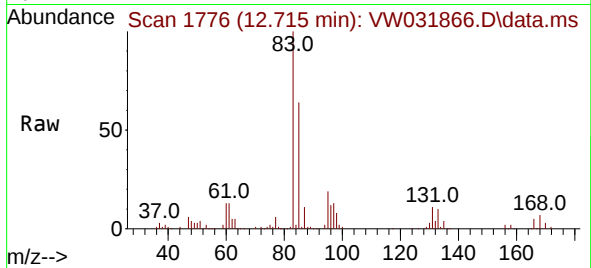




#75
1,1,2,2-Tetrachloroethane
Concen: 21.467 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

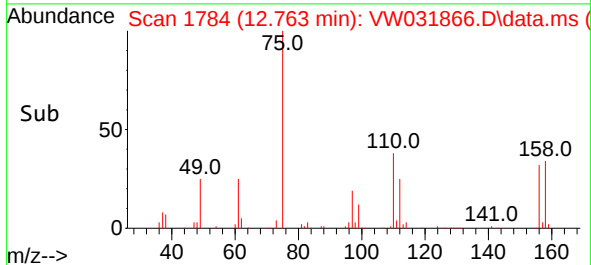
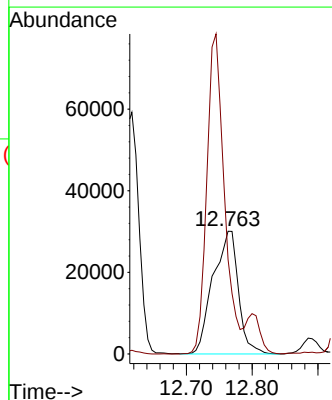
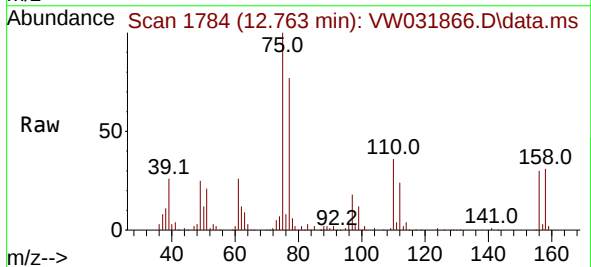
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

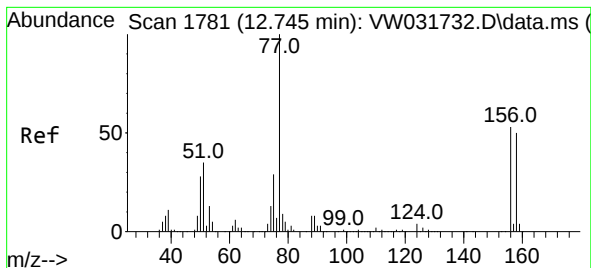
Tgt Ion: 83 Resp: 62978
Ion Ratio Lower Upper
83 100
131 10.8 5.3 16.1
85 63.3 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 35.968 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 75 Resp: 80747
Ion Ratio Lower Upper
75 100
77 180.0 141.2 423.6





#77

Bromobenzene

Concen: 21.162 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

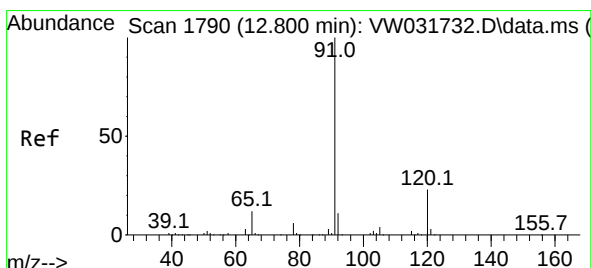
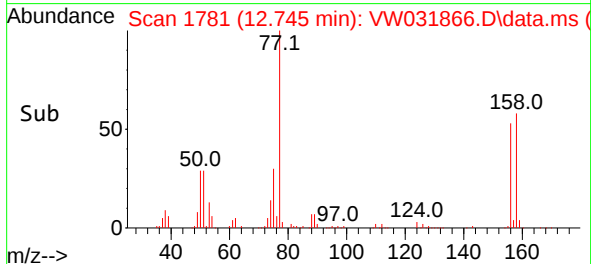
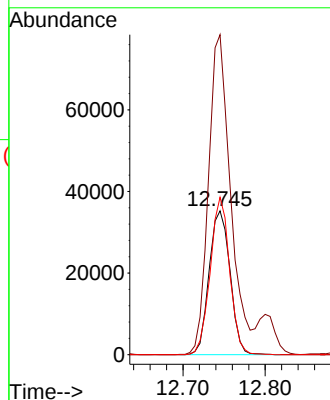
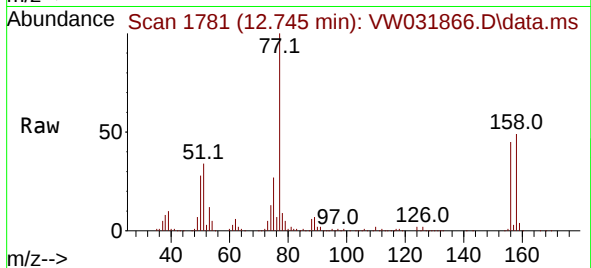
Tgt Ion:156 Resp: 62368

Ion Ratio Lower Upper

156 100

77 233.0 117.9 353.7

158 101.6 52.6 157.8



#78

n-propylbenzene

Concen: 23.768 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031866.D

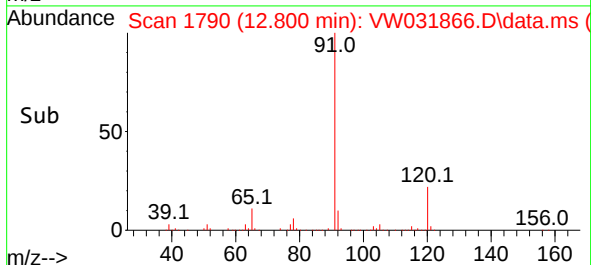
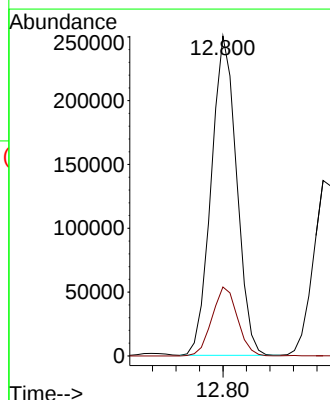
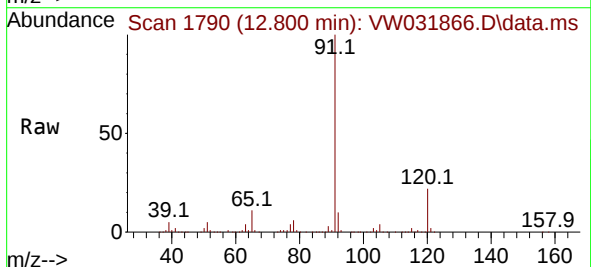
Acq: 16 Jul 2025 10:22

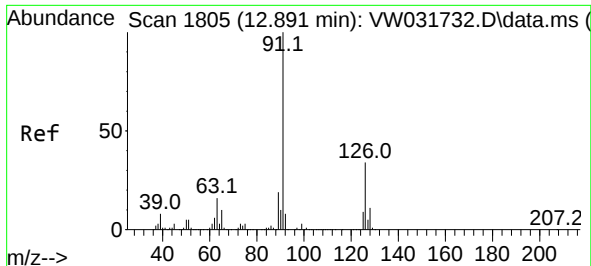
Tgt Ion: 91 Resp: 376089

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

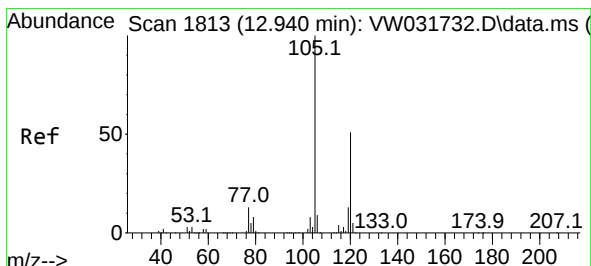
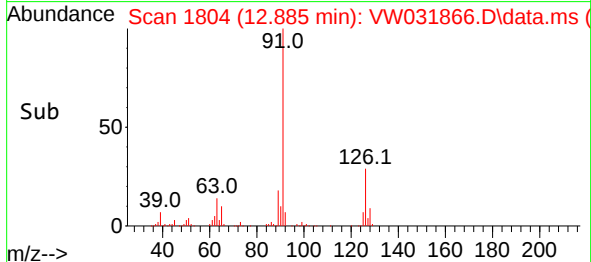
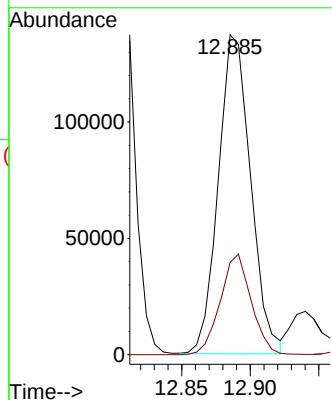
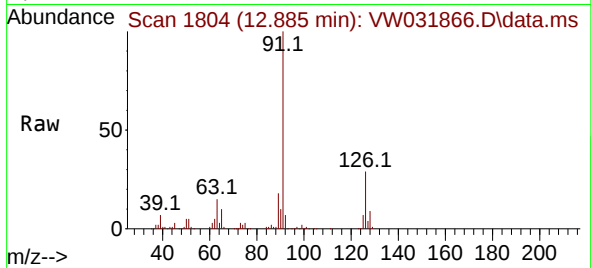




#79
2-Chlorotoluene
Concen: 23.611 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

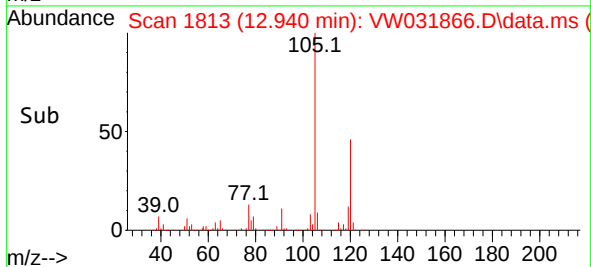
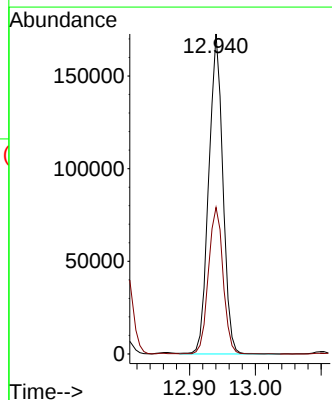
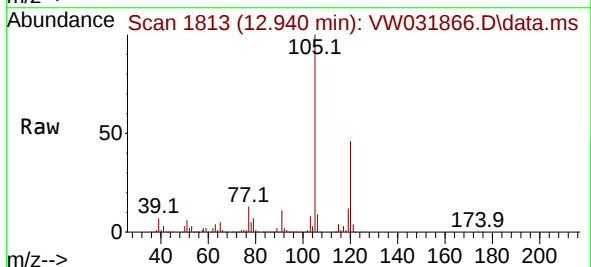
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion: 91 Resp: 224982
Ion Ratio Lower Upper
91 100
126 30.2 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 23.547 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 105 Resp: 257562
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.2

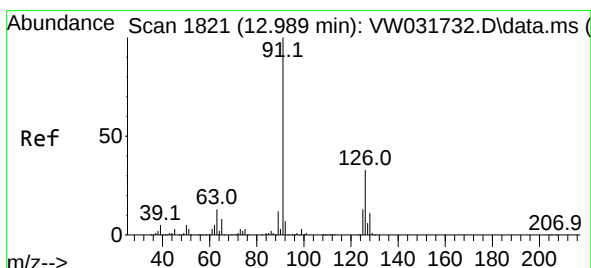
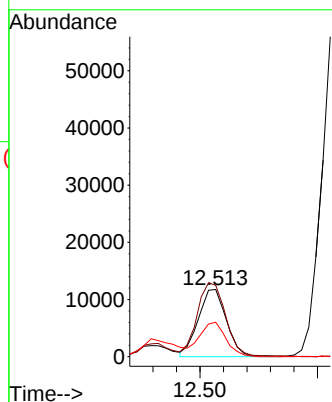
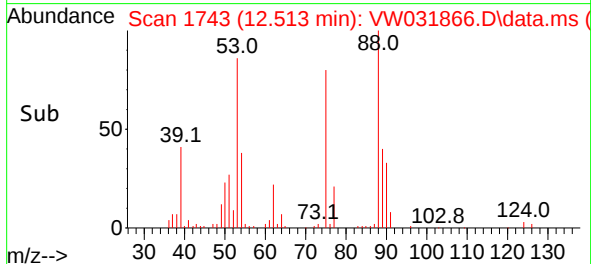
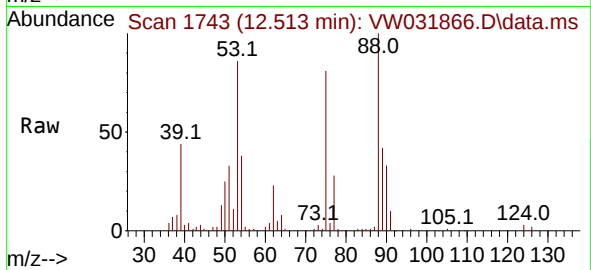




#81
trans-1,4-Dichloro-2-butene
Concen: 20.331 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

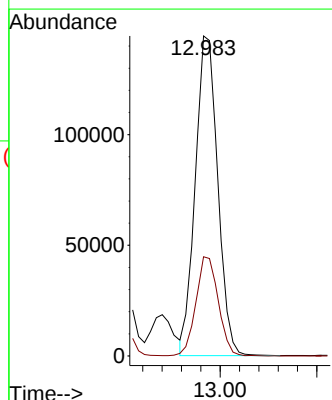
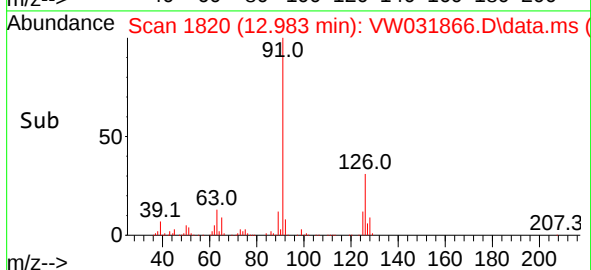
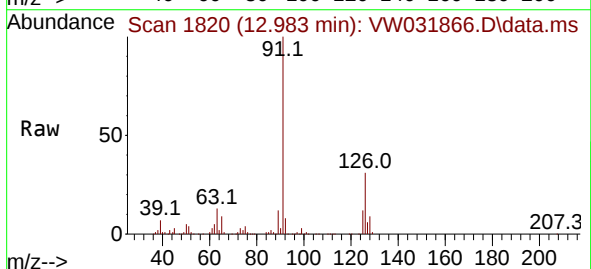
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

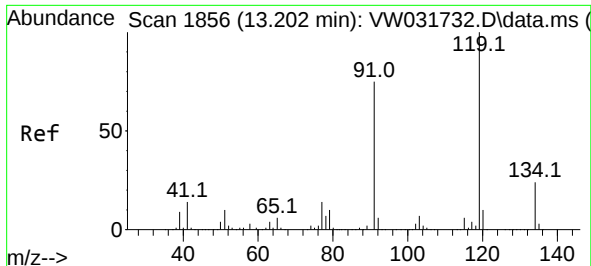
Tgt Ion: 75 Resp: 19596
Ion Ratio Lower Upper
75 100
53 111.9 83.5 125.3
89 47.7 38.3 57.5



#82
4-Chlorotoluene
Concen: 23.282 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 91 Resp: 232906
Ion Ratio Lower Upper
91 100
126 31.0 16.0 47.9

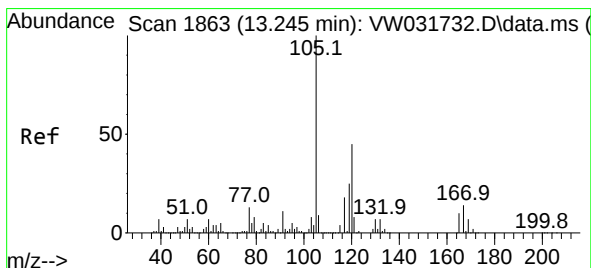
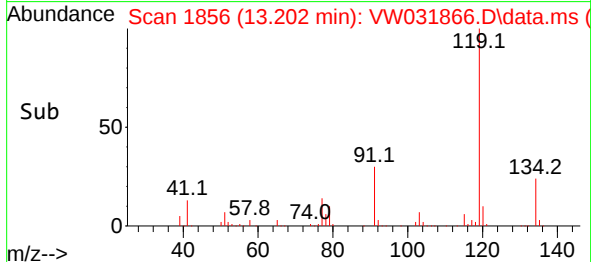
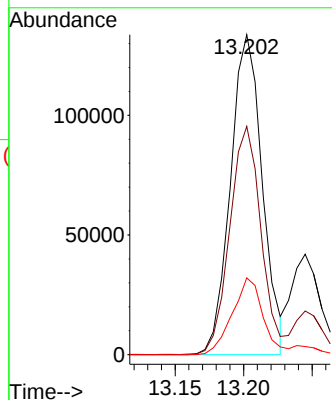
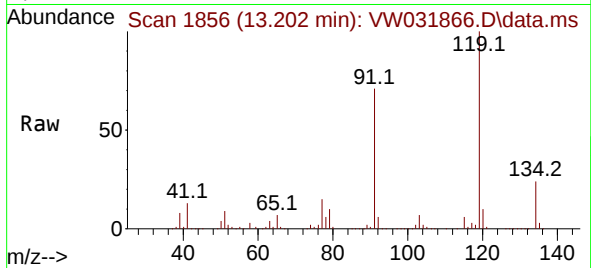




#83
tert-Butylbenzene
Concen: 23.054 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

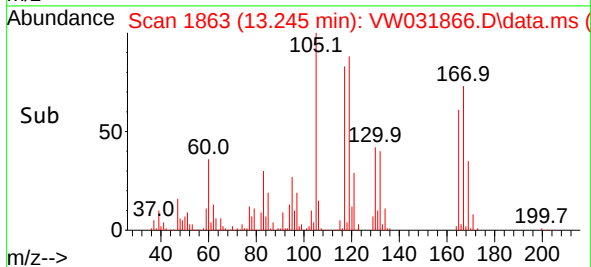
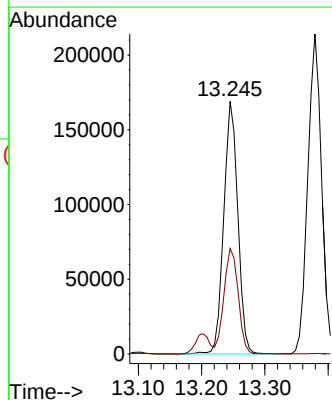
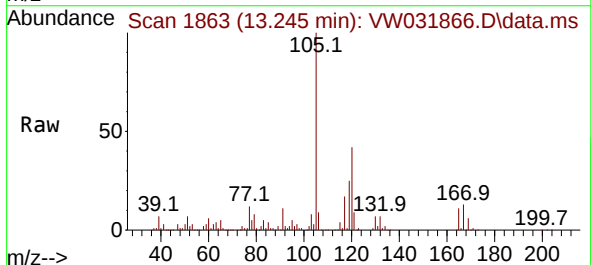
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

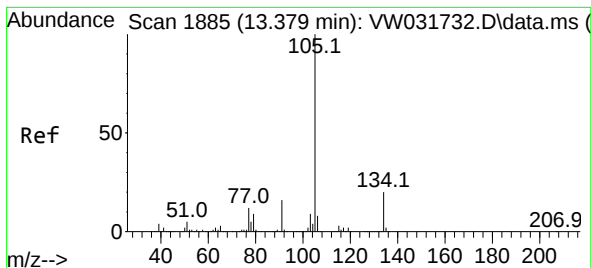
Tgt Ion:119 Resp: 216004
Ion Ratio Lower Upper
119 100
91 69.7 36.0 108.1
134 23.2 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 23.487 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion:105 Resp: 260295
Ion Ratio Lower Upper
105 100
120 42.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 22.907 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

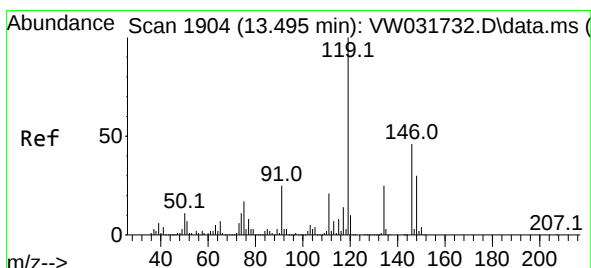
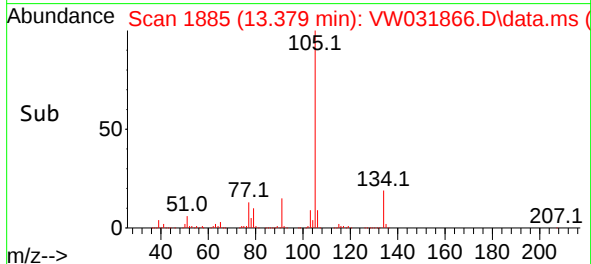
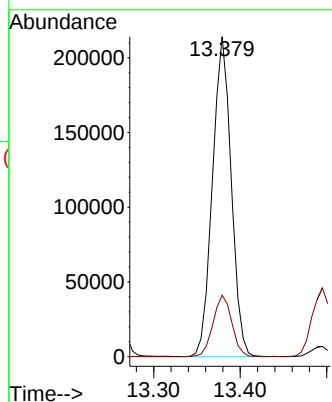
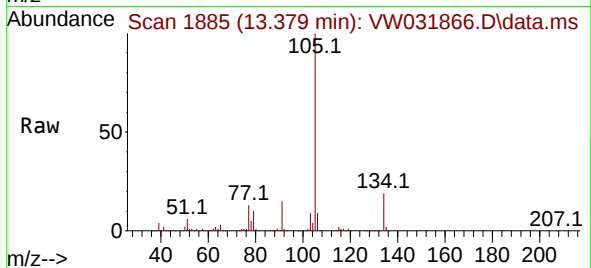
VW0716SBS01

Tgt Ion:105 Resp: 322151

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 22.537 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

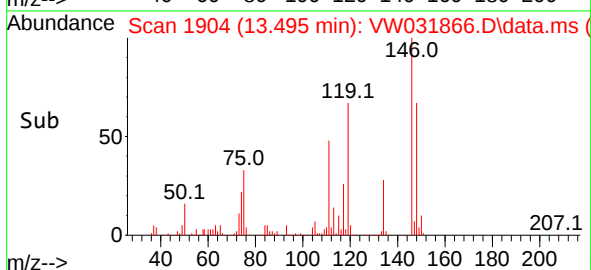
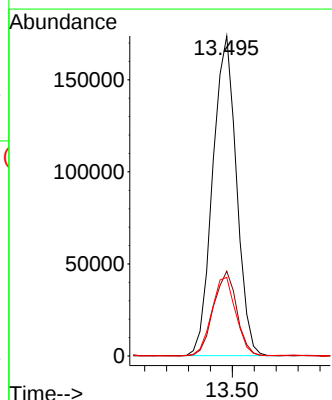
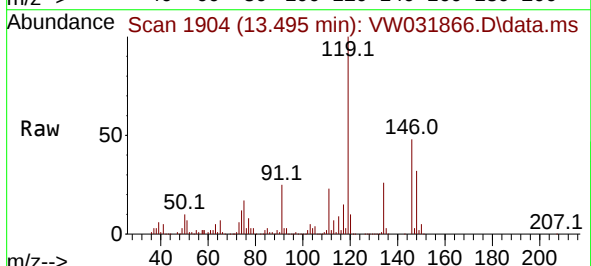
Tgt Ion:119 Resp: 261202

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 25.0 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 23.314 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

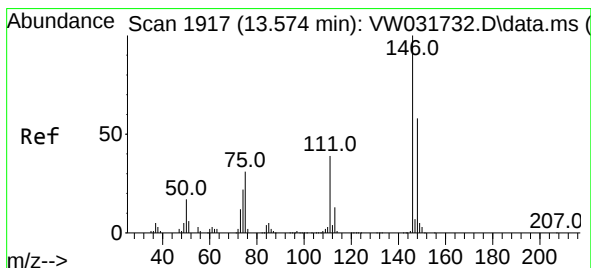
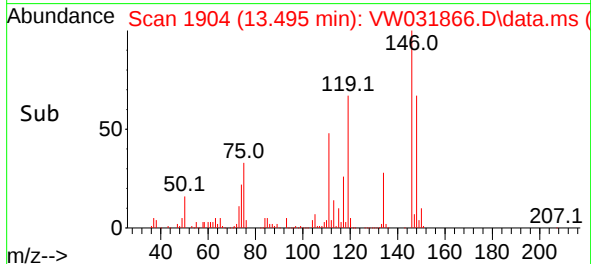
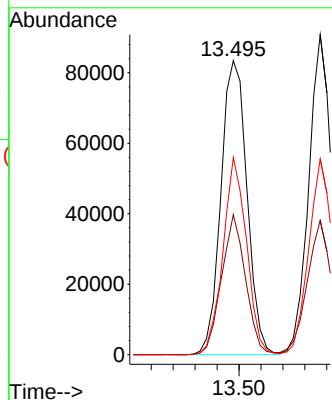
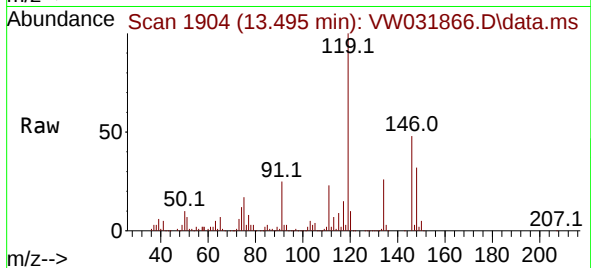
Tgt Ion:146 Resp: 137794

Ion Ratio Lower Upper

146 100

111 43.9 22.3 66.9

148 60.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 22.500 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

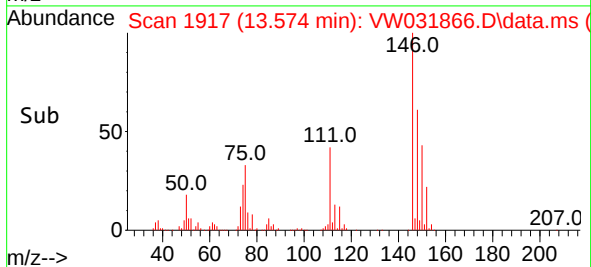
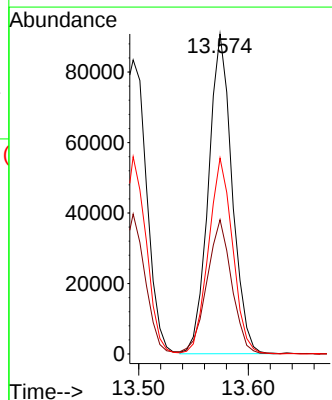
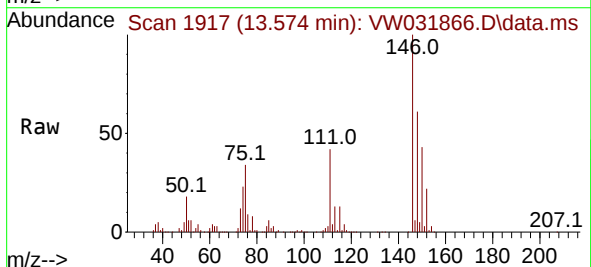
Tgt Ion:146 Resp: 136115

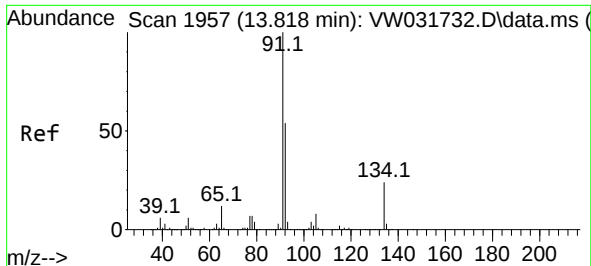
Ion Ratio Lower Upper

146 100

111 43.9 20.4 61.3

148 62.6 30.2 90.6

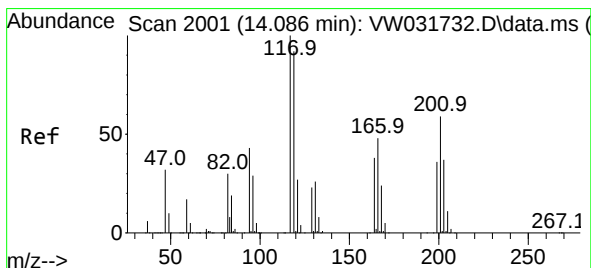
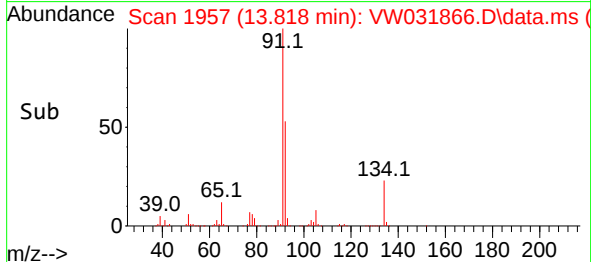
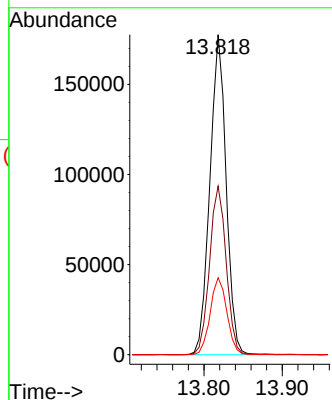
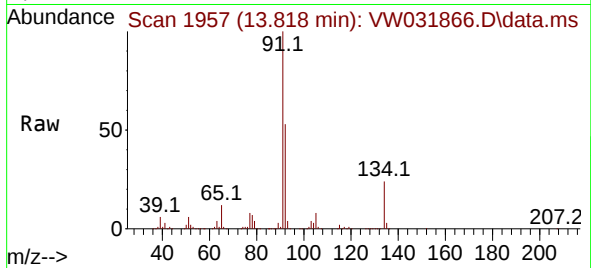




#89
n-Butylbenzene
Concen: 22.699 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

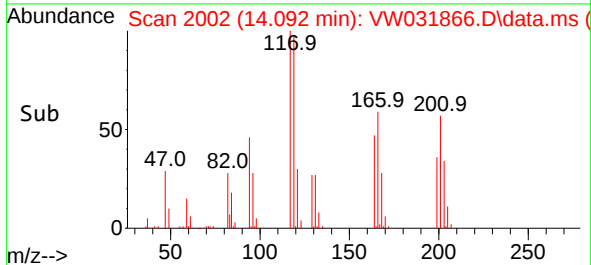
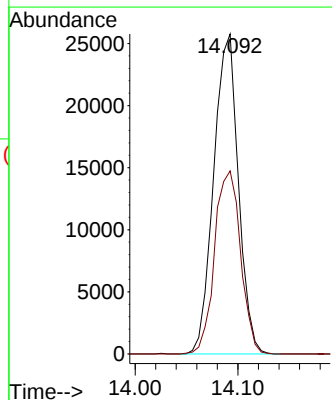
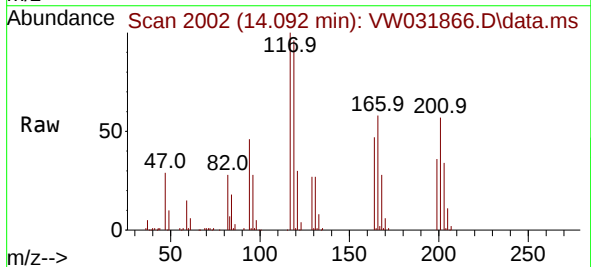
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

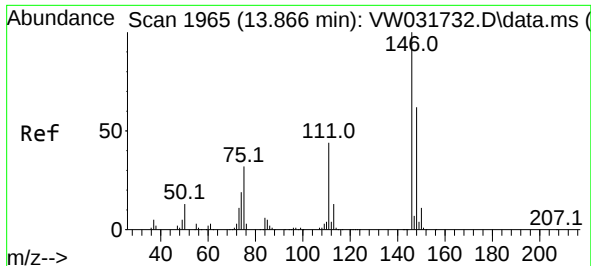
Tgt Ion: 91 Resp: 255616
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.5
134 24.7 12.2 36.6



#90
Hexachloroethane
Concen: 20.513 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 117 Resp: 42892
Ion Ratio Lower Upper
117 100
201 60.2 31.1 93.3

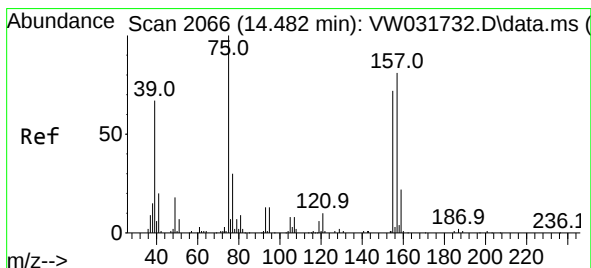
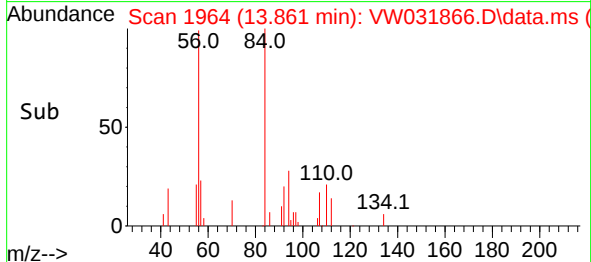
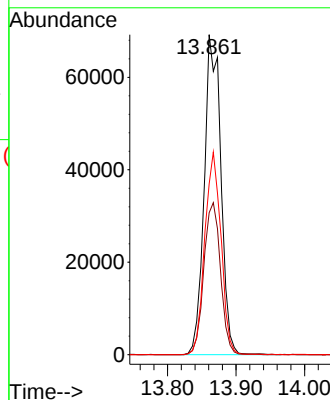
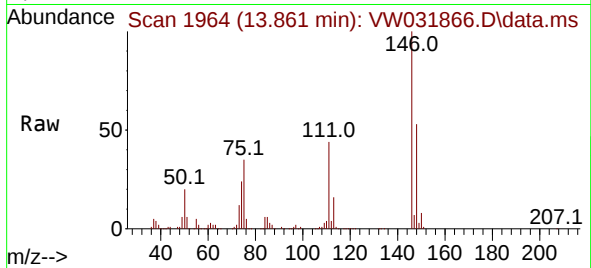




#91
1,2-Dichlorobenzene
Concen: 21.654 ug/l
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

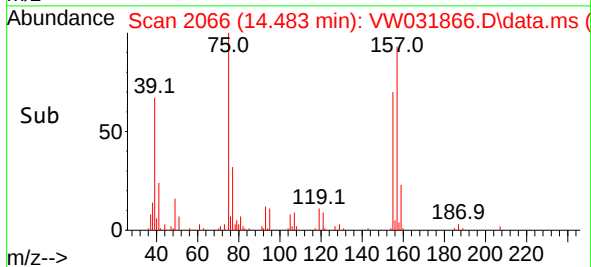
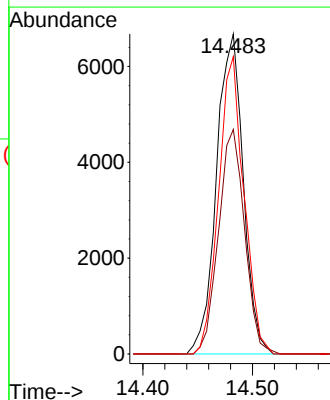
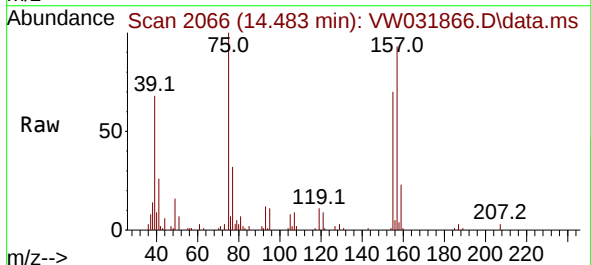
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

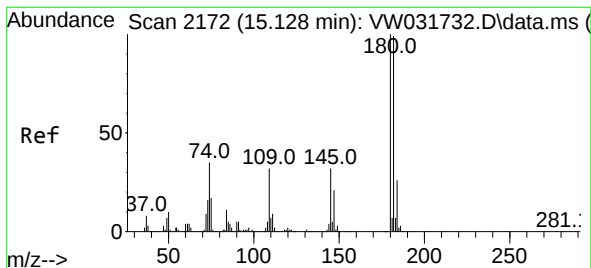
Tgt Ion:146 Resp: 116980
Ion Ratio Lower Upper
146 100
111 47.7 21.7 65.1
148 61.6 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.767 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031866.D
Acq: 16 Jul 2025 10:22

Tgt Ion: 75 Resp: 11323
Ion Ratio Lower Upper
75 100
155 68.3 37.2 111.6
157 88.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.326 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

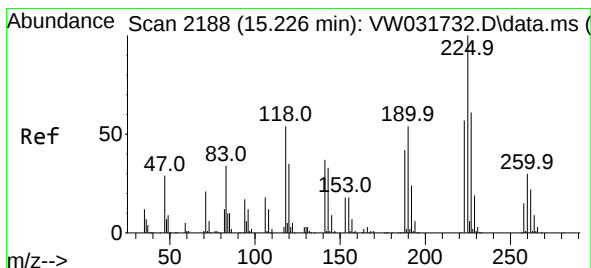
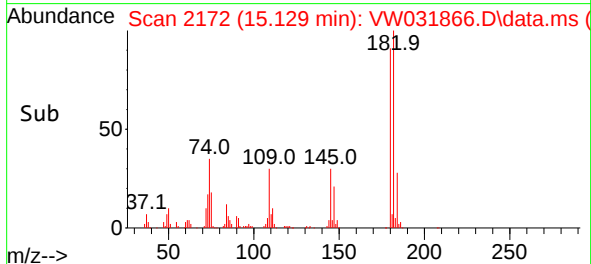
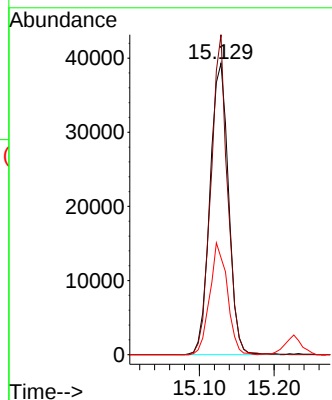
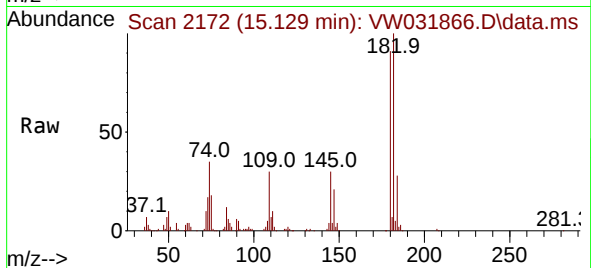
Tgt Ion:180 Resp: 67719

Ion Ratio Lower Upper

180 100

182 98.5 48.6 145.9

145 36.3 17.3 51.7



#94

Hexachlorobutadiene

Concen: 19.428 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

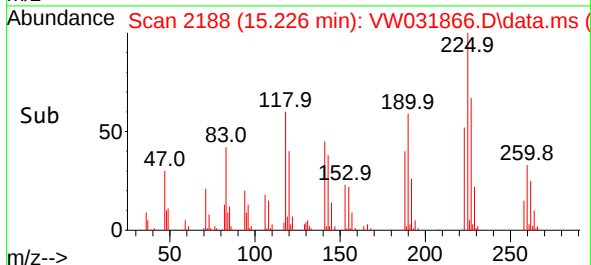
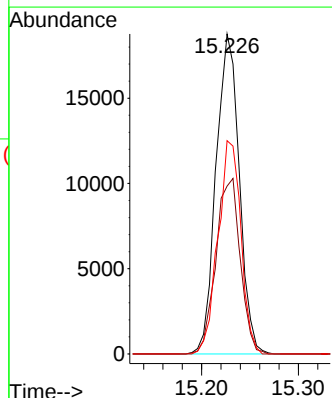
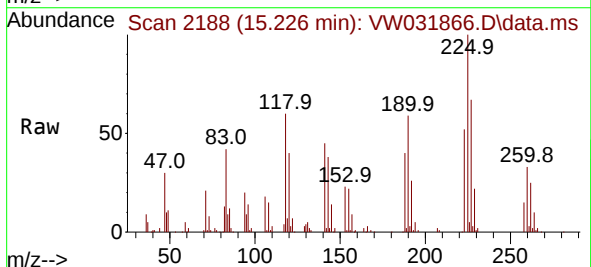
Tgt Ion:225 Resp: 31254

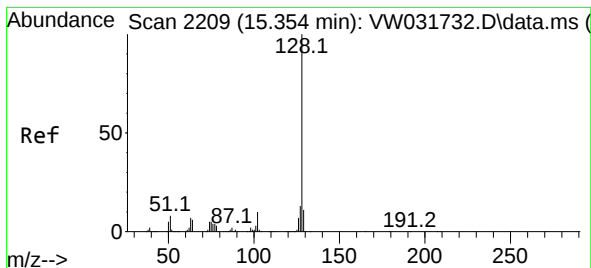
Ion Ratio Lower Upper

225 100

223 57.6 32.6 97.8

227 65.8 37.3 111.8





#95

Naphthalene

Concen: 20.830 ug/l

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

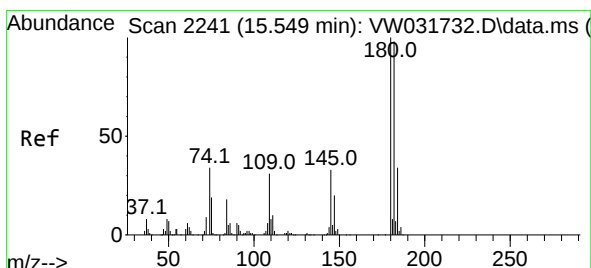
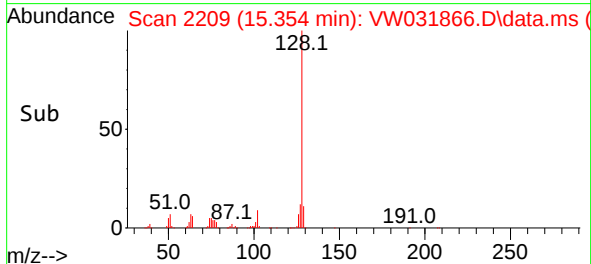
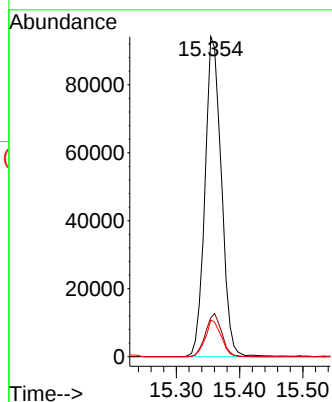
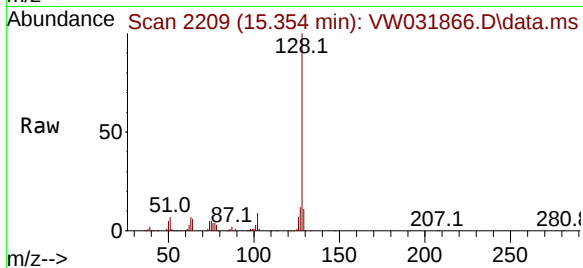
Tgt Ion:128 Resp: 170136

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.497 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031866.D

Acq: 16 Jul 2025 10:22

Tgt Ion:180 Resp: 62747

Ion Ratio Lower Upper

180 100

182 92.7 46.4 139.1

145 35.7 17.8 53.3

