

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031882.D
 Acq On : 17 Jul 2025 11:51
 Operator : SY/MD
 Sample : VW0717SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 18 02:50:19 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	7.965	168	218368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	418079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	367858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170444	54.388	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.780%	
35) Dibromofluoromethane	7.904	113	136361	49.983	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.960%	
50) Toluene-d8	10.325	98	524424	51.655	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.617	95	202301	54.147	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 108.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	32491	21.848	ug/l	100
3) Chloromethane	2.259	50	39583	22.077	ug/l	97
4) Vinyl Chloride	2.412	62	51040	21.658	ug/l	94
5) Bromomethane	2.826	94	37740	20.503	ug/l	99
6) Chloroethane	2.979	64	34249	21.395	ug/l	99
7) Trichlorofluoromethane	3.308	101	49277	23.025	ug/l	98
8) Diethyl Ether	3.722	74	35917	22.085	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	49413	20.801	ug/l	100
10) Methyl Iodide	4.308	142	73606	20.099	ug/l	99
11) Tert butyl alcohol	5.222	59	21932	112.964	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54848	21.079	ug/l	95
13) Acrolein	3.936	56	38543	110.454	ug/l	92
14) Allyl chloride	4.710	41	84485	21.162	ug/l	96
15) Acrylonitrile	5.411	53	90150	112.726	ug/l	99
16) Acetone	4.161	43	68131	87.958	ug/l	96
17) Carbon Disulfide	4.423	76	136762	19.642	ug/l	96
18) Methyl Acetate	4.716	43	37149	16.781	ug/l	100
19) Methyl tert-butyl Ether	5.472	73	101726	23.034	ug/l	100
20) Methylene Chloride	4.960	84	65933	18.267	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	60123	21.746	ug/l	95
22) Diisopropyl ether	6.344	45	182967	23.499	ug/l	98
23) Vinyl Acetate	6.289	43	657811	123.690	ug/l	100
24) 1,1-Dichloroethane	6.252	63	111283	22.045	ug/l	99
25) 2-Butanone	7.197	43	117240	116.343	ug/l	99
26) 2,2-Dichloropropane	7.191	77	53272	18.088	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	70811	22.281	ug/l	99
28) Bromochloromethane	7.533	49	48138	21.610	ug/l	97
29) Tetrahydrofuran	7.557	42	81471	118.055	ug/l	99
30) Chloroform	7.697	83	119920	22.357	ug/l	95
31) Cyclohexane	7.972	56	97876	21.935	ug/l #	91
32) 1,1,1-Trichloroethane	7.892	97	84958	20.553	ug/l	99
36) 1,1-Dichloropropene	8.100	75	82489	20.895	ug/l	100
37) Ethyl Acetate	7.277	43	56207	22.570	ug/l	99
38) Carbon Tetrachloride	8.087	117	77394	19.238	ug/l	98
39) Methylcyclohexane	9.343	83	105322	21.443	ug/l	95
40) Benzene	8.337	78	249996	21.404	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	31081	23.298	ug/l	99
42) 1,2-Dichloroethane	8.410	62	84445	21.397	ug/l	99
43) Isopropyl Acetate	8.441	43	95400	22.223	ug/l	97
44) Trichloroethene	9.105	130	59927	20.557	ug/l	98
45) 1,2-Dichloropropane	9.374	63	59816	21.190	ug/l	100
46) Dibromomethane	9.465	93	39615	21.737	ug/l	95
47) Bromodichloromethane	9.654	83	89815	21.016	ug/l	99
48) Methyl methacrylate	9.447	41	45191	21.409	ug/l	96
49) 1,4-Dioxane	9.471	88	9686	453.788	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	274460	111.209	ug/l	98
52) Toluene	10.392	92	160528	21.466	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	85600	21.348	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	98325	21.631	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	51549	21.593	ug/l	97
56) Ethyl methacrylate	10.648	69	76651	23.667	ug/l	98
57) 1,3-Dichloropropane	10.934	76	91688	21.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	182347	102.247	ug/l	98
59) 2-Hexanone	10.971	43	194313	116.188	ug/l	100
60) Dibromochloromethane	11.136	129	56037	19.629	ug/l	97
61) 1,2-Dibromoethane	11.239	107	51000	21.340	ug/l	94
64) Tetrachloroethene	10.861	164	45287	18.821	ug/l #	89
65) Chlorobenzene	11.660	112	170081	20.956	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.727	131	54577	21.102	ug/l	98
67) Ethyl Benzene	11.733	91	303022	21.531	ug/l	97
68) m/p-Xylenes	11.837	106	231665	42.820	ug/l	100
69) o-Xylene	12.166	106	109483	21.856	ug/l	99
70) Styrene	12.178	104	191034	22.060	ug/l	99
71) Bromoform	12.349	173	30180	19.560	ug/l #	96
73) Isopropylbenzene	12.465	105	282352	21.803	ug/l	100
74) N-amyl acetate	12.270	43	90101	25.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	66690	23.196	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	83607	38.001	ug/l #	1
77) Bromobenzene	12.745	156	62529	21.649	ug/l	96
78) n-propylbenzene	12.800	91	350510	22.602	ug/l	97
79) 2-Chlorotoluene	12.891	91	213392	22.851	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	240871	22.470	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	19627	20.778	ug/l	95
82) 4-Chlorotoluene	12.983	91	221327	22.575	ug/l	99
83) tert-Butylbenzene	13.202	119	196418	21.391	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	249572	22.978	ug/l	97
85) sec-Butylbenzene	13.379	105	310256	22.511	ug/l	99
86) p-Isopropyltoluene	13.495	119	251261	22.121	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	128627	22.206	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	127323	21.475	ug/l	95
89) n-Butylbenzene	13.818	91	246392	22.326	ug/l	99
90) Hexachloroethane	14.086	117	42404	20.693	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	117158	22.129	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.483	75	12398	22.085	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	68381	20.943	ug/l	99
94) Hexachlorobutadiene	15.226	225	30297	19.216	ug/l	90
95) Naphthalene	15.360	128	189006	23.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	59707	19.901	ug/l	94

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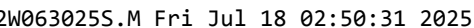
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MSVOA_W
ClientSampleId :

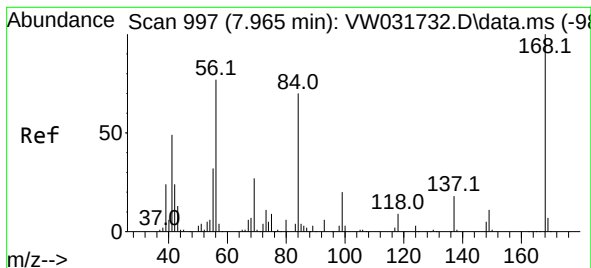
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW031882.D

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Instrument :

MSVOA_W

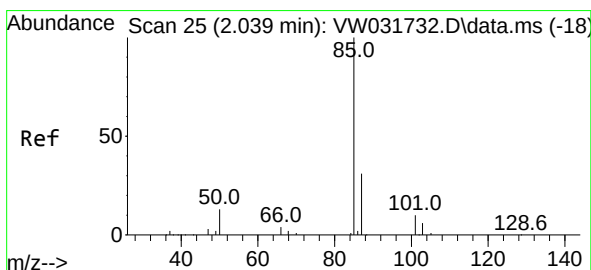
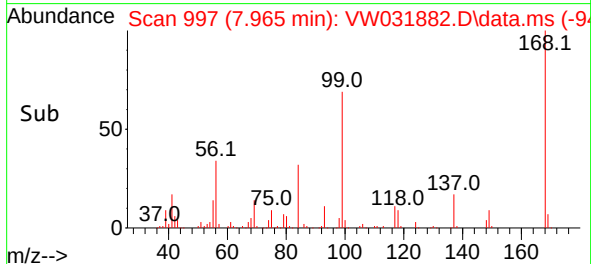
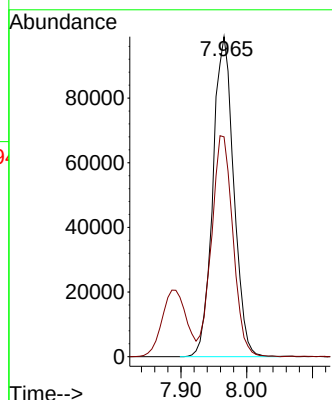
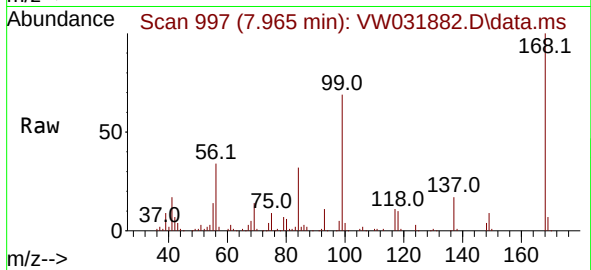
ClientSampleId :

Tgt Ion:168 Resp: 218368

Ion Ratio Lower Upper

168 100

99 68.7 49.4 74.2



#2

Dichlorodifluoromethane

Concen: 21.848 ug/l

RT: 2.052 min Scan# 27

Delta R.T. 0.013 min

Lab File: VW031882.D

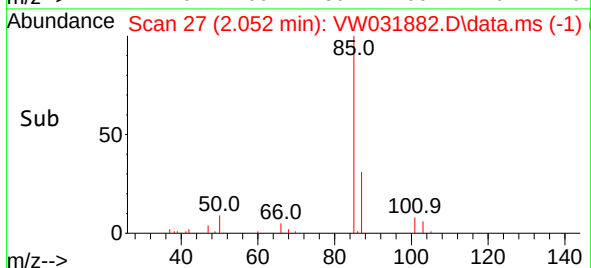
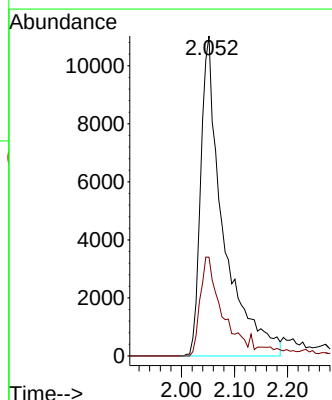
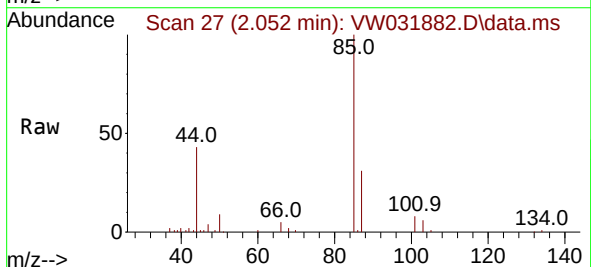
Acq: 17 Jul 2025 11:51

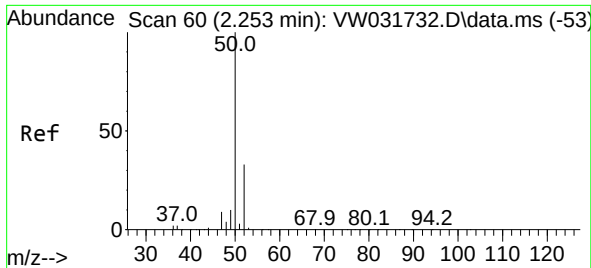
Tgt Ion: 85 Resp: 32491

Ion Ratio Lower Upper

85 100

87 30.9 15.4 46.2

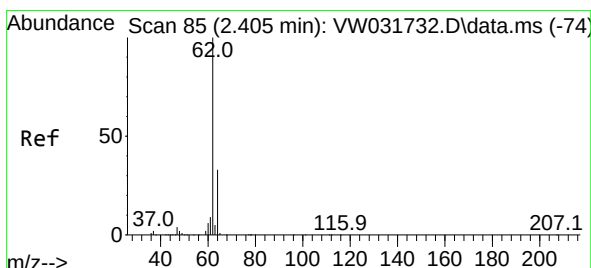
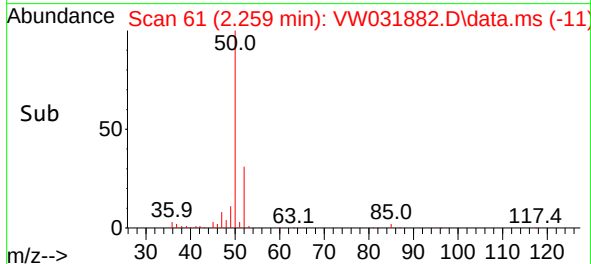
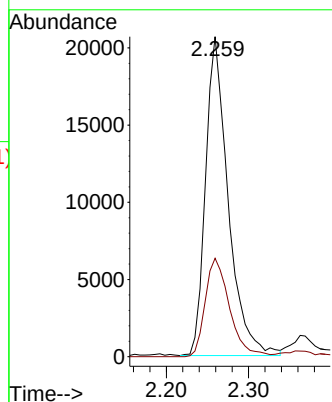
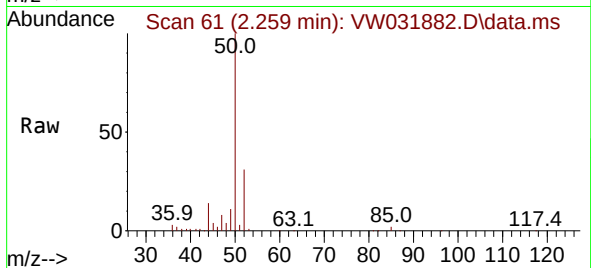




#3
Chloromethane
Concen: 22.077 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

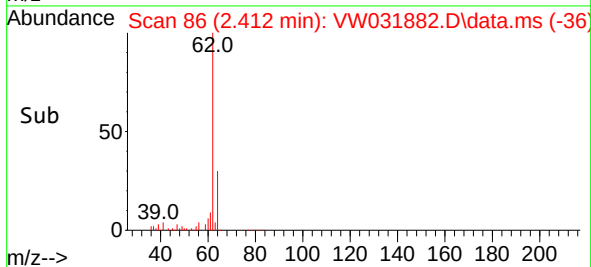
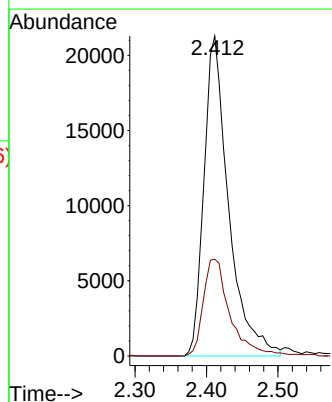
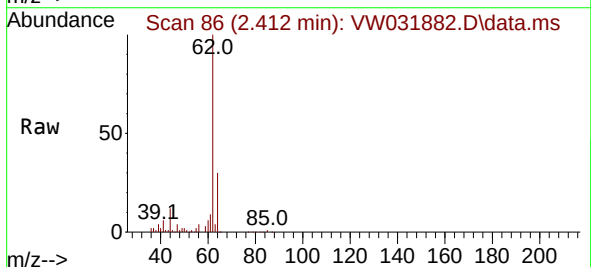
Instrument :
MSVOA_W
ClientSampleId :

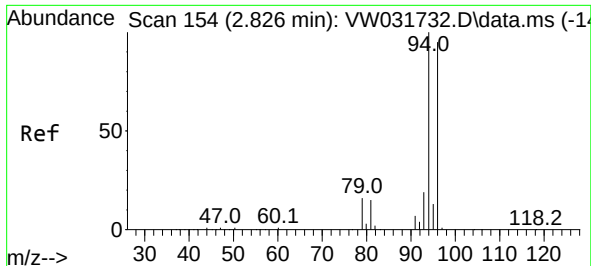
Tgt Ion: 50 Resp: 39583
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.2



#4
Vinyl Chloride
Concen: 21.658 ug/l
RT: 2.412 min Scan# 86
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 62 Resp: 51040
Ion Ratio Lower Upper
62 100
64 30.2 26.8 40.2

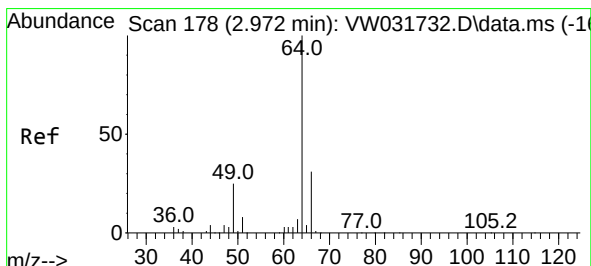
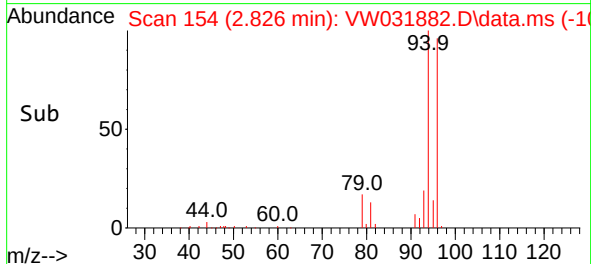
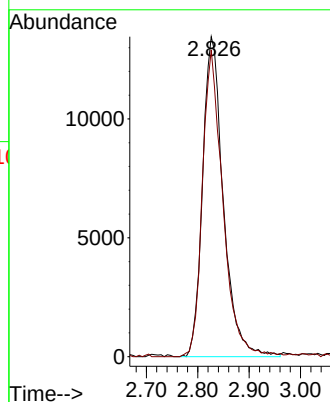
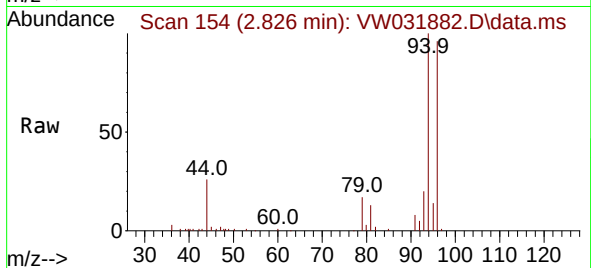




#5
Bromomethane
Concen: 20.503 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

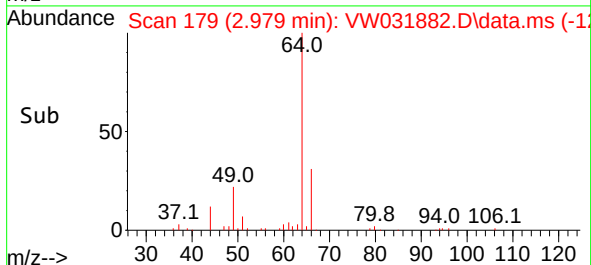
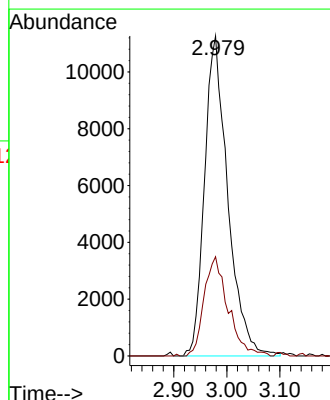
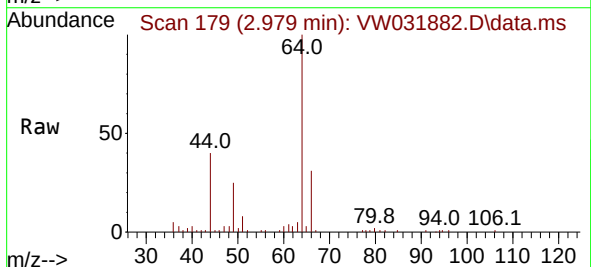
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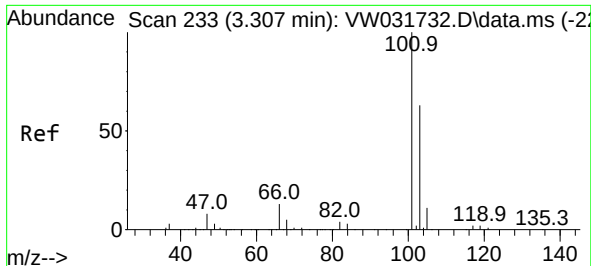
Tgt Ion: 94 Resp: 37740
Ion Ratio Lower Upper
94 100
96 95.9 75.6 113.4



#6
Chloroethane
Concen: 21.395 ug/l
RT: 2.979 min Scan# 179
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 64 Resp: 34249
Ion Ratio Lower Upper
64 100
66 31.0 24.5 36.7

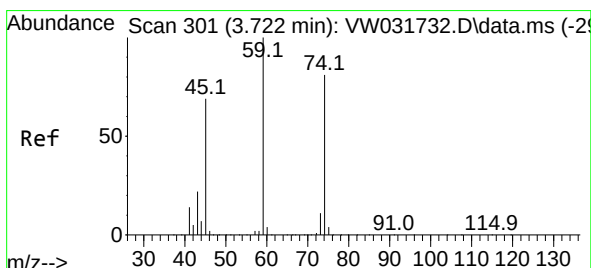
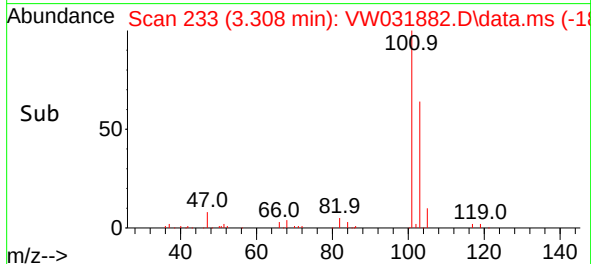
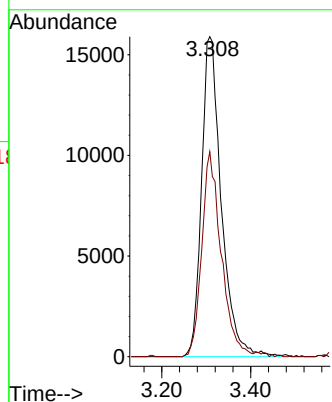
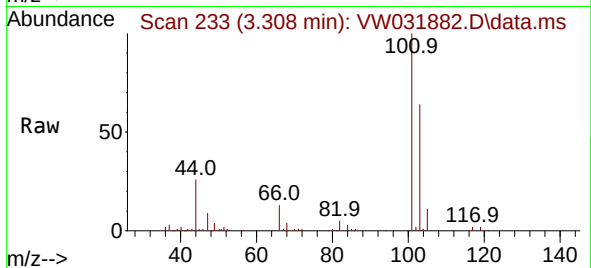




#7
 Trichlorofluoromethane
 Concen: 23.025 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

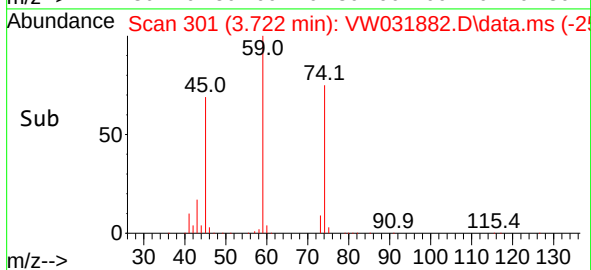
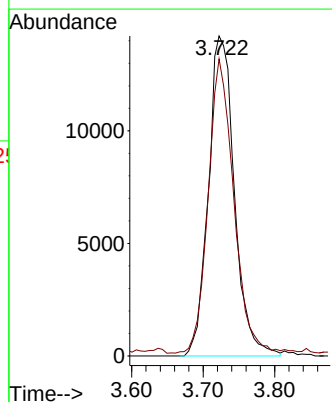
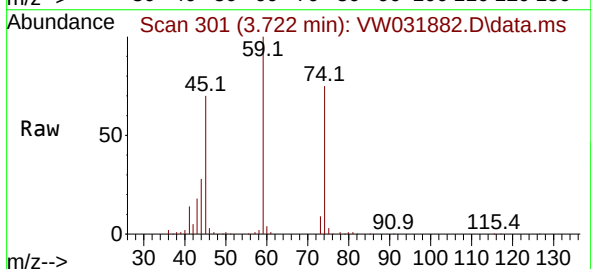
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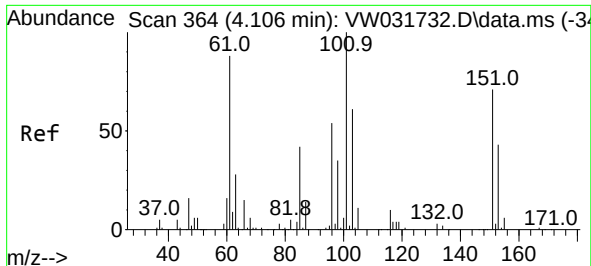
Tgt Ion:101 Resp: 49277
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 22.085 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

Tgt Ion: 74 Resp: 35917
 Ion Ratio Lower Upper
 74 100
 45 90.4 43.9 131.7

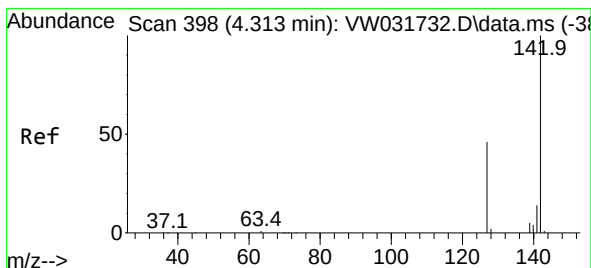
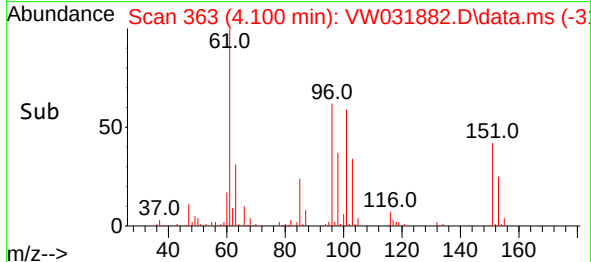
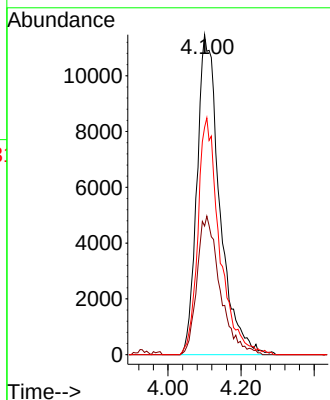
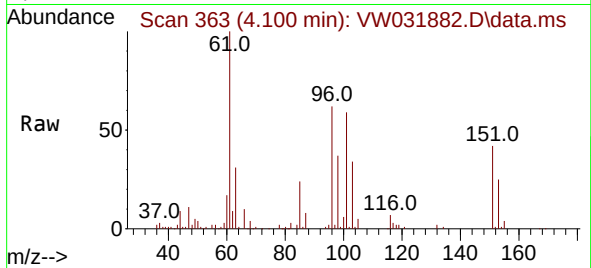




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.801 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW031882.D
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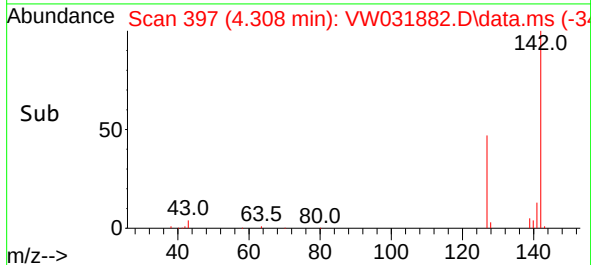
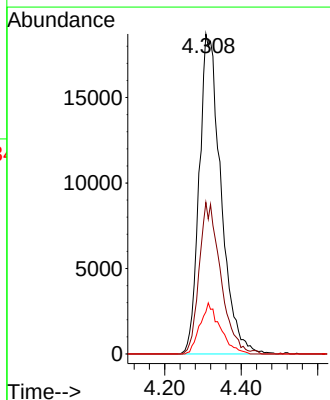
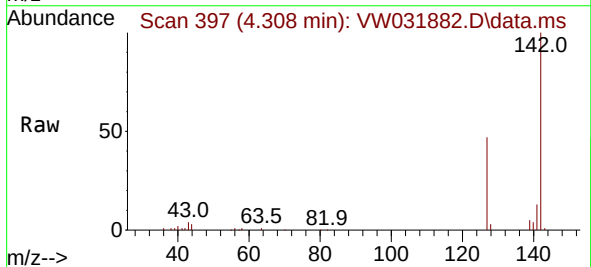
Instrument :
MSVOA_W
ClientSampleId :

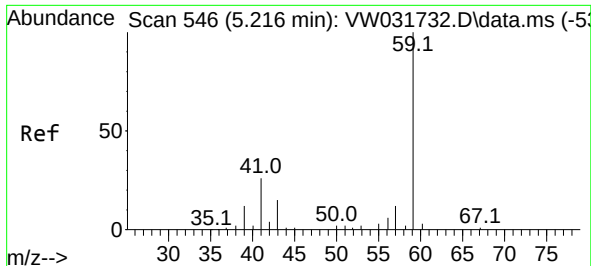
Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.0	35.6	53.4
151	71.2	56.8	85.2



#10
Methyl Iodide
Concen: 20.099 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.8	37.9	56.9
141	14.9	11.7	17.5

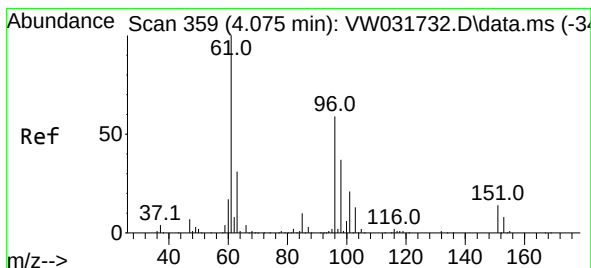
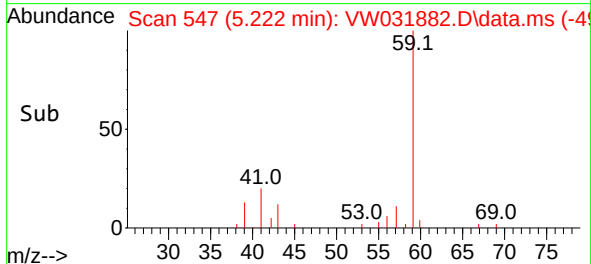
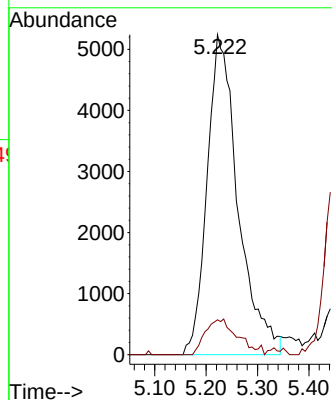
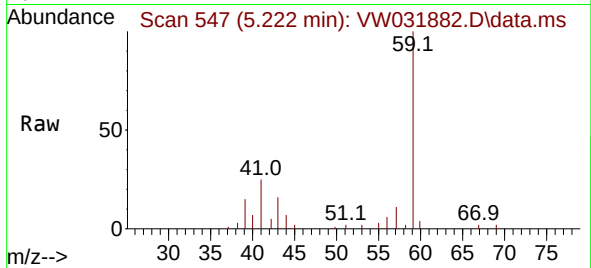




#11
Tert butyl alcohol
Concen: 112.964 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

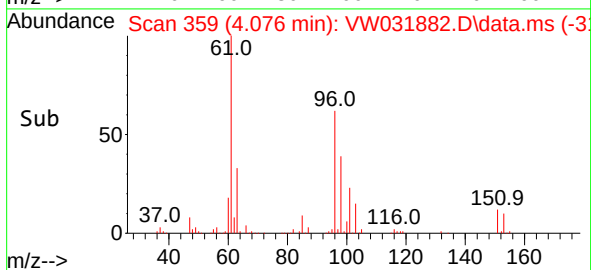
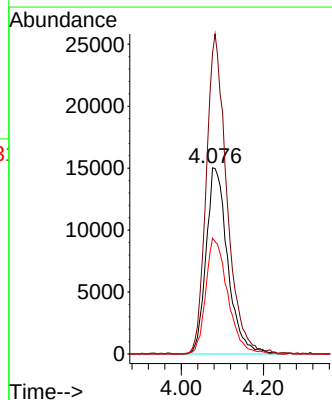
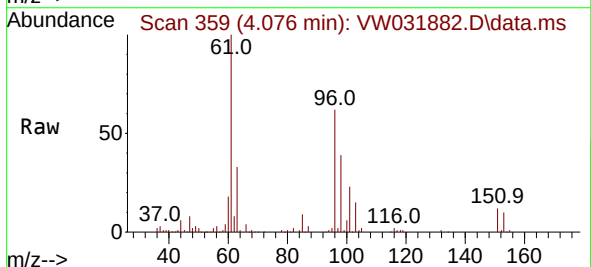
Instrument :
MSVOA_W
ClientSampleId :

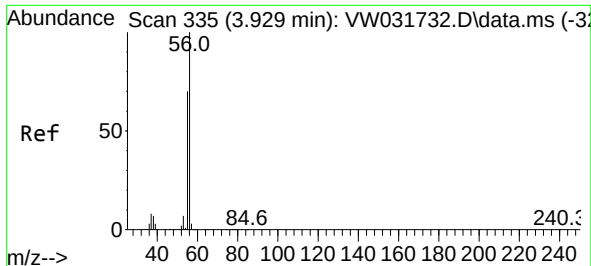
Tgt Ion: 59 Resp: 21932
Ion Ratio Lower Upper
59 100
57 11.6 9.5 14.3



#12
1,1-Dichloroethene
Concen: 21.079 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 96 Resp: 54848
Ion Ratio Lower Upper
96 100
61 161.5 135.8 203.8
98 62.2 50.4 75.6

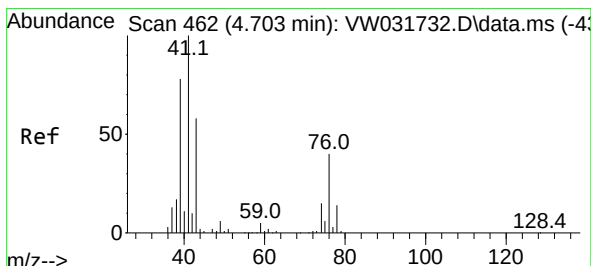
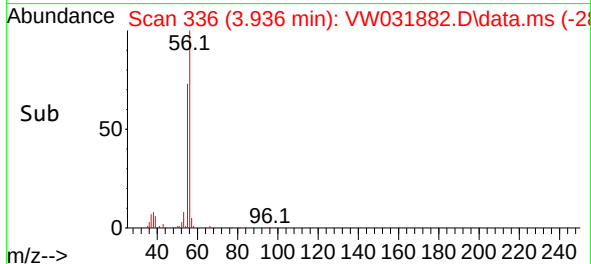
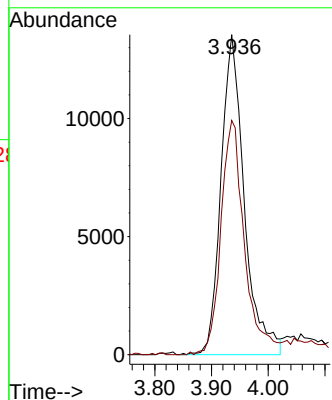
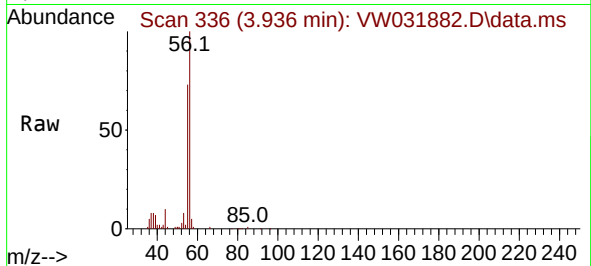




#13
Acrolein
Concen: 110.454 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

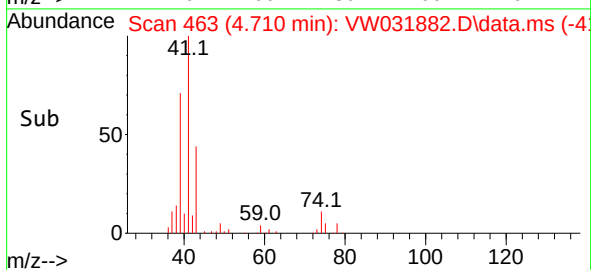
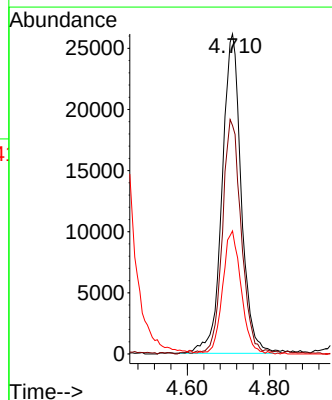
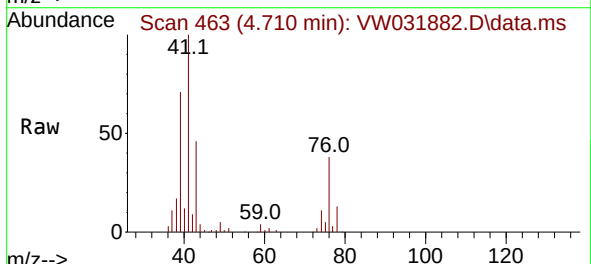
Instrument :
MSVOA_W
ClientSampleId :

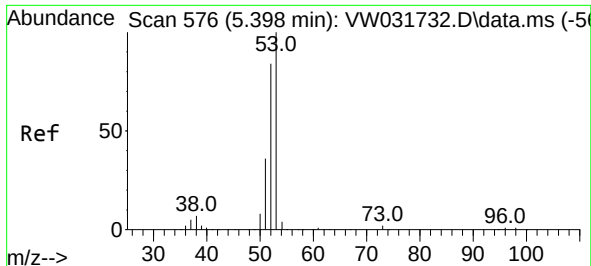
Tgt Ion: 56 Resp: 38543
Ion Ratio Lower Upper
56 100
55 74.1 54.0 81.0



#14
Allyl chloride
Concen: 21.162 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

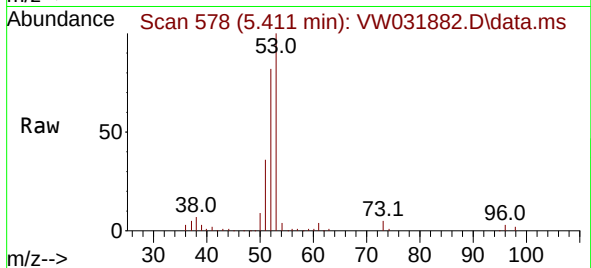
Tgt Ion: 41 Resp: 84485
Ion Ratio Lower Upper
41 100
39 71.4 60.7 91.1
76 36.4 30.3 45.5



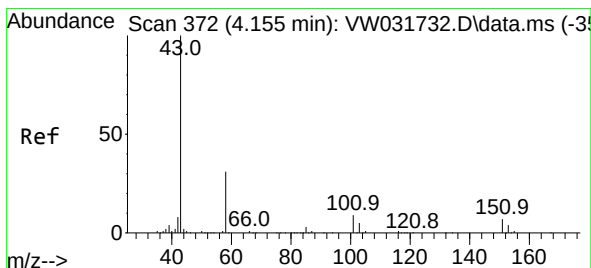
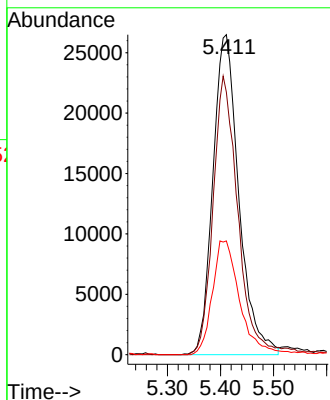
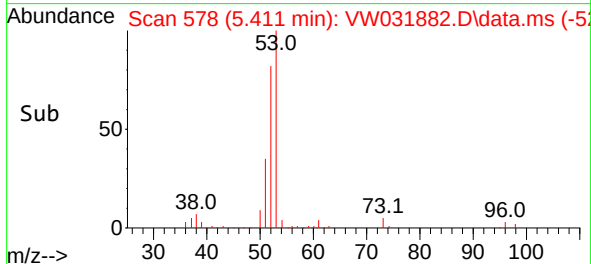


#15
Acrylonitrile
Concen: 112.726 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.013 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Instrument :
MSVOA_W
ClientSampleId :

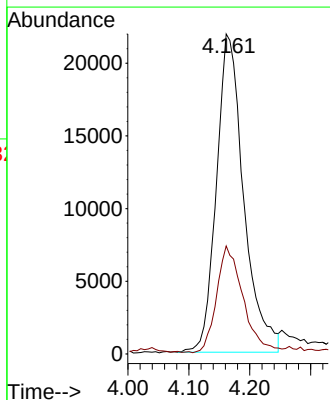
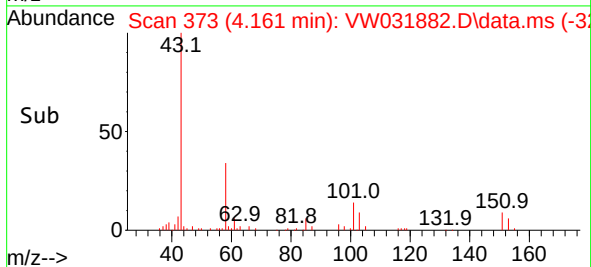
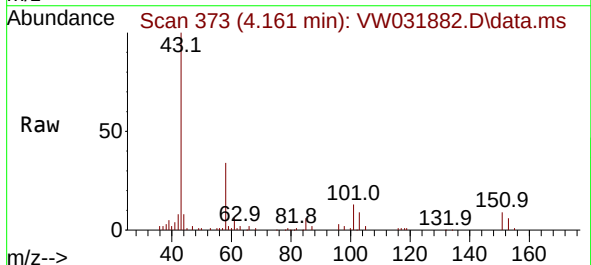


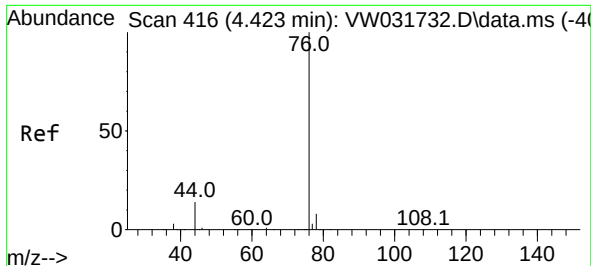
Tgt Ion:	53	Resp:	90150
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.4	99.6
51	37.9	29.9	44.9



#16
Acetone
Concen: 87.958 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion:	43	Resp:	68131
Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.8	37.2

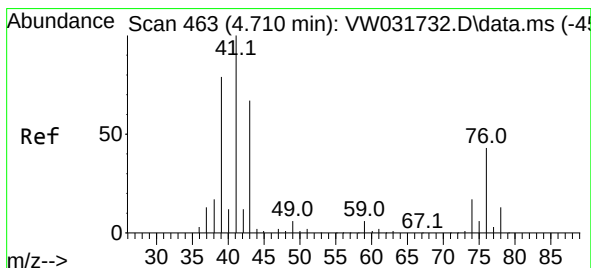
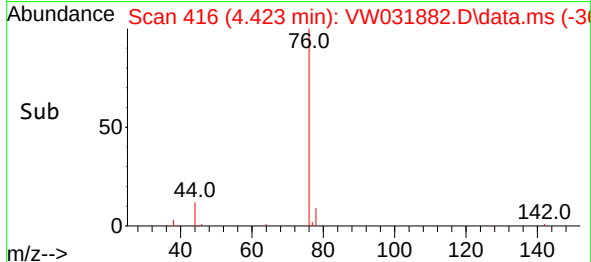
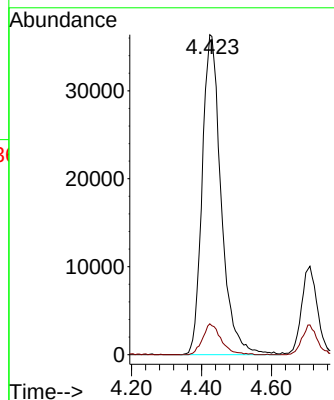
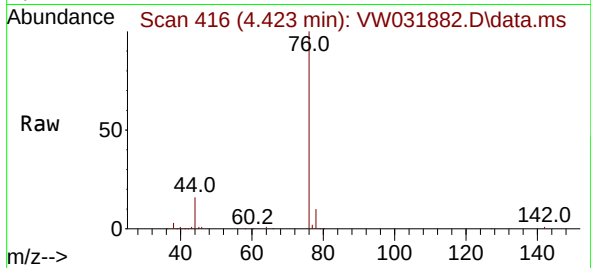




#17
Carbon Disulfide
Concen: 19.642 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

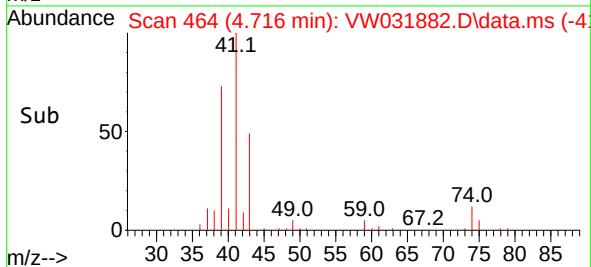
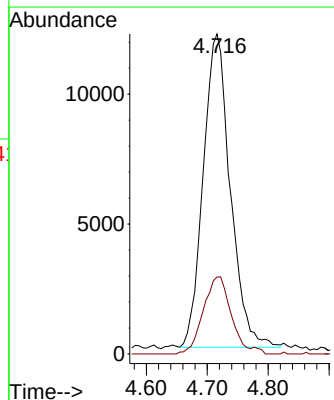
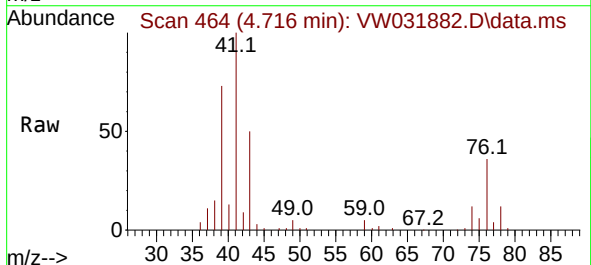
Instrument :
MSVOA_W
ClientSampleId :

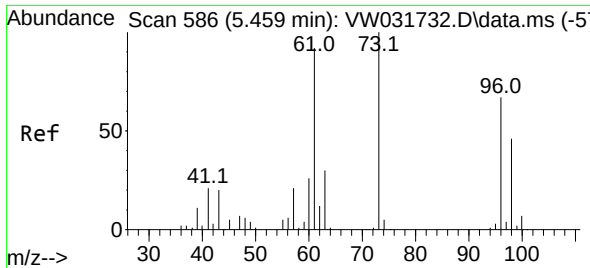
Tgt Ion: 76 Resp: 136762
Ion Ratio Lower Upper
76 100
78 9.7 6.6 10.0



#18
Methyl Acetate
Concen: 16.781 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 43 Resp: 37149
Ion Ratio Lower Upper
43 100
74 25.6 20.6 30.8

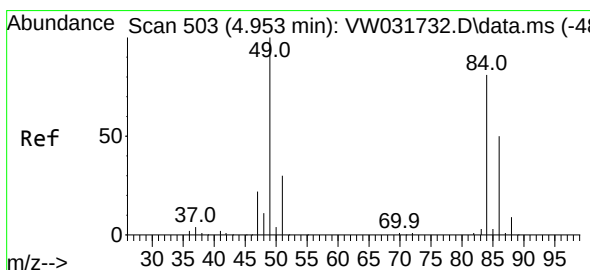
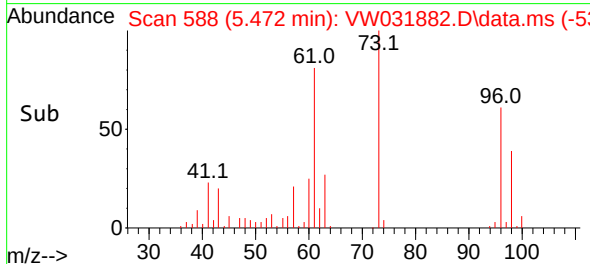
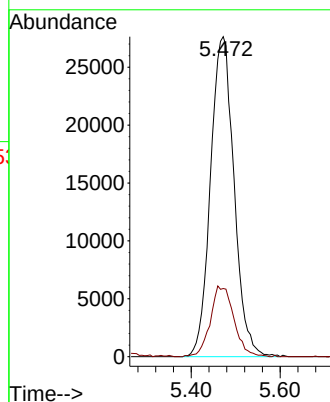
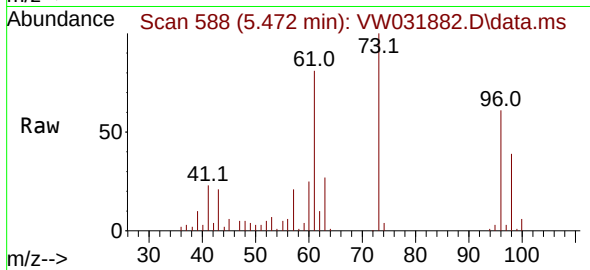




#19
Methyl tert-butyl Ether
Concen: 23.034 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.013 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

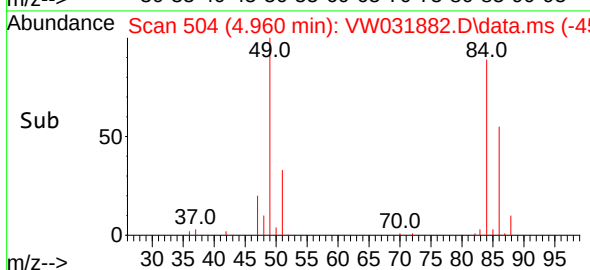
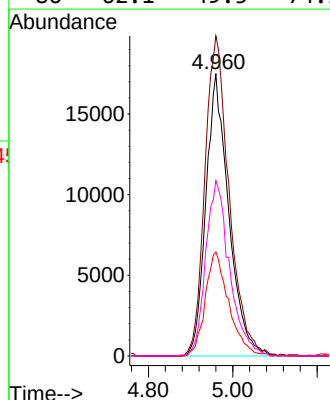
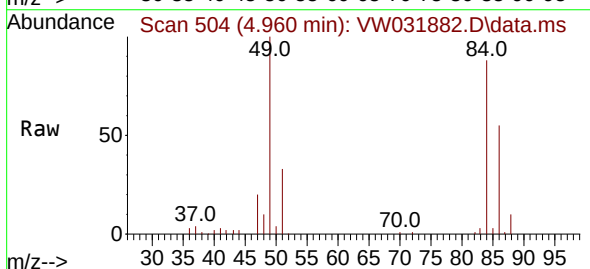
Instrument :
MSVOA_W
ClientSampleId :

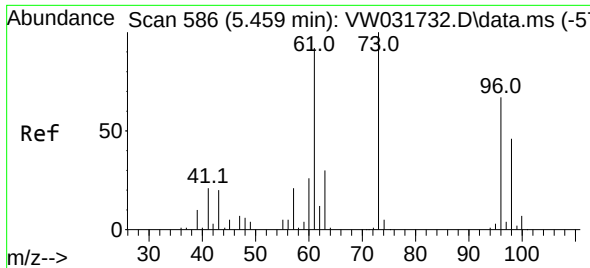
Tgt Ion: 73 Resp: 101726
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 18.267 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 84 Resp: 65933
Ion Ratio Lower Upper
84 100
49 113.3 98.2 147.4
51 36.8 29.8 44.8
86 62.1 49.5 74.3



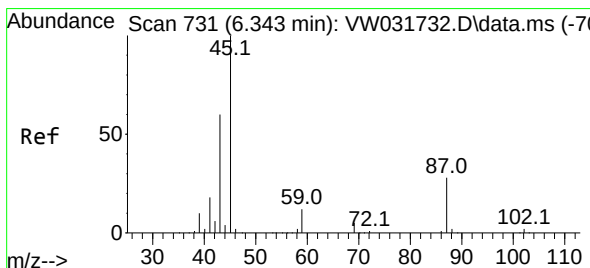
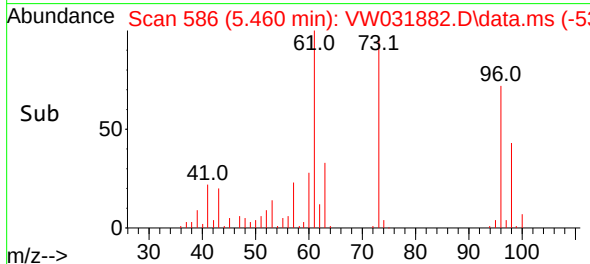
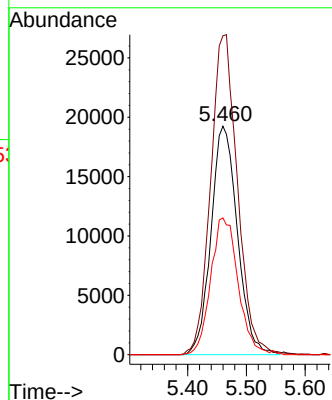
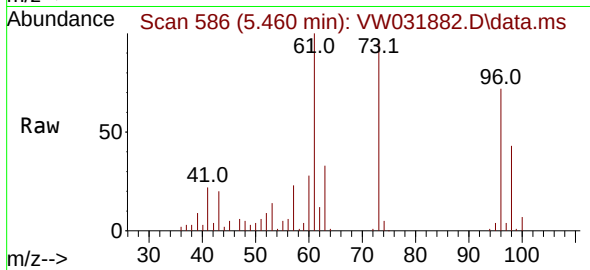


#21
trans-1,2-Dichloroethene
Concen: 21.746 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 60123

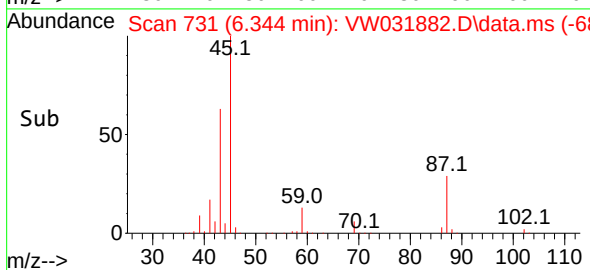
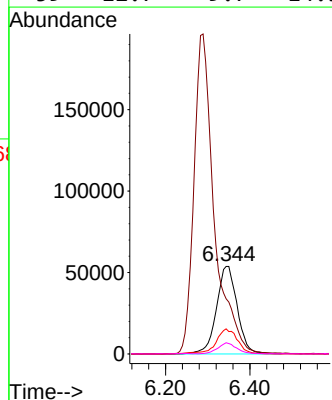
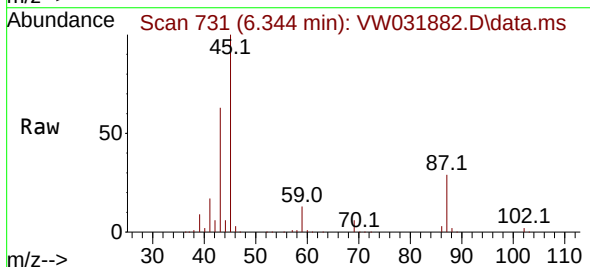
Ion	Ratio	Lower	Upper
96	100		
61	139.6	109.8	164.6
98	59.8	54.9	82.3

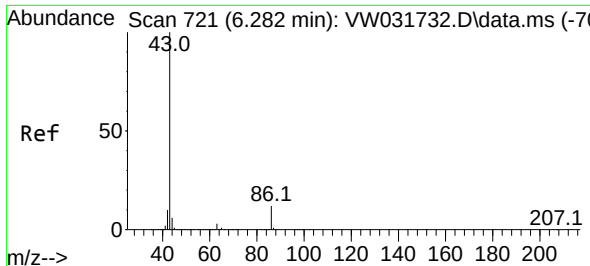


#22
Diisopropyl ether
Concen: 23.499 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 45 Resp: 182967

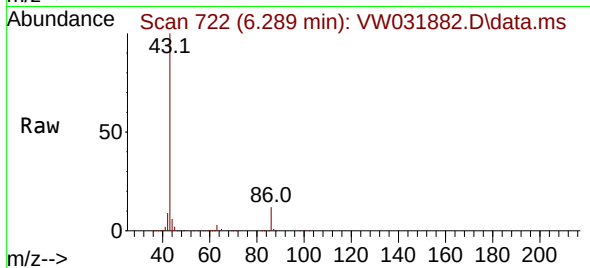
Ion	Ratio	Lower	Upper
45	100		
43	61.9	48.3	72.5
87	28.6	22.6	34.0
59	12.7	9.7	14.5



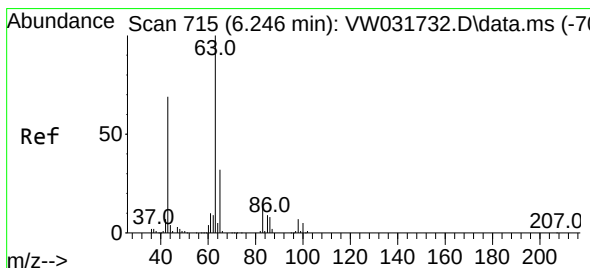
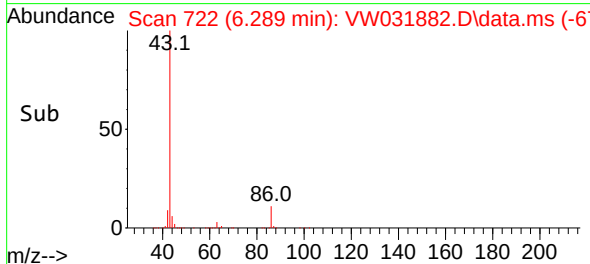
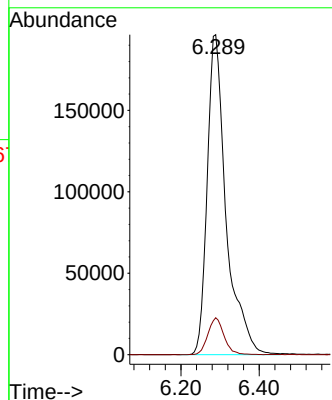


#23
 Vinyl Acetate
 Concen: 123.690 ug/l
 RT: 6.289 min Scan# 716
 Delta R.T. 0.007 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

Instrument :
 MSVOA_W
 ClientSampleId :

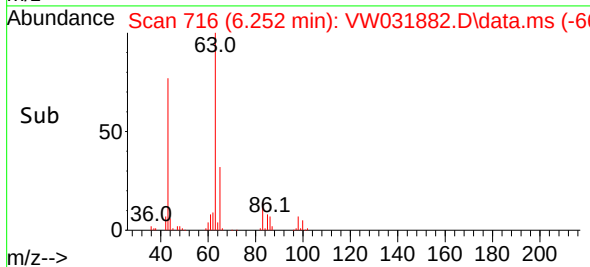
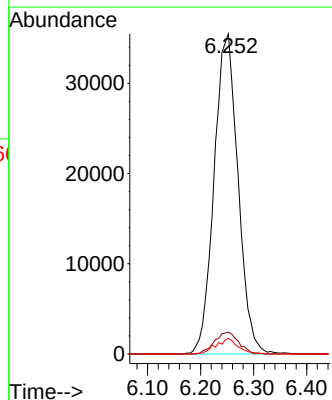
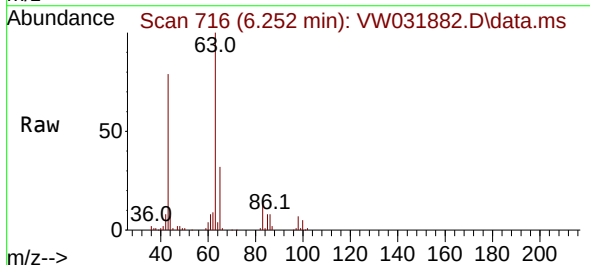


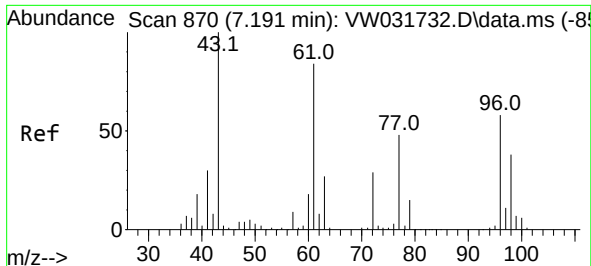
Tgt Ion: 43 Resp: 657811
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 22.045 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.007 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

Tgt Ion: 63 Resp: 111283
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.9 2.5 7.5

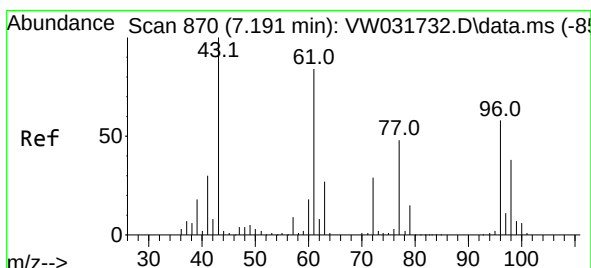
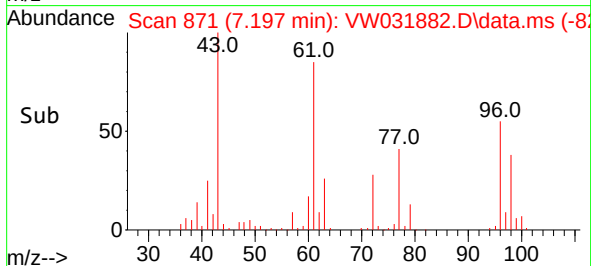
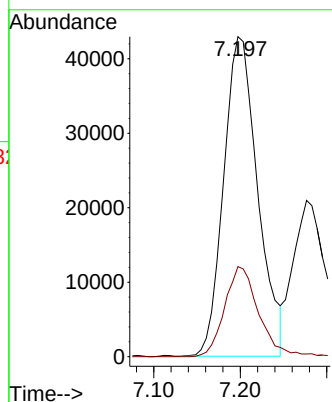
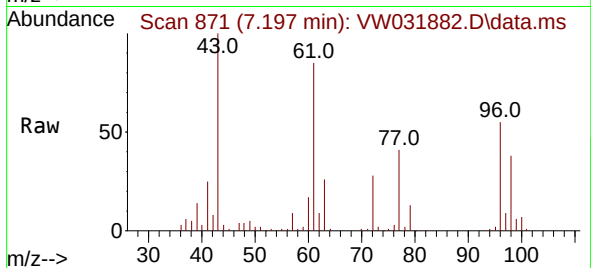




#25
2-Butanone
Concen: 116.343 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

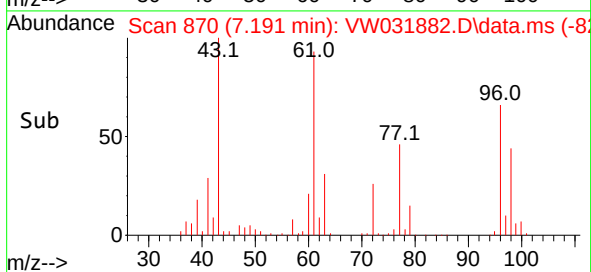
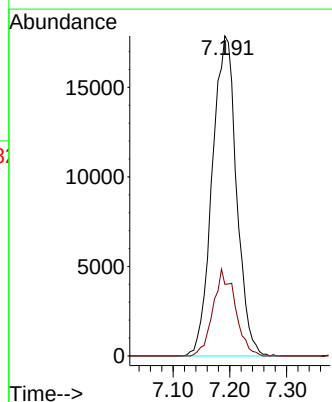
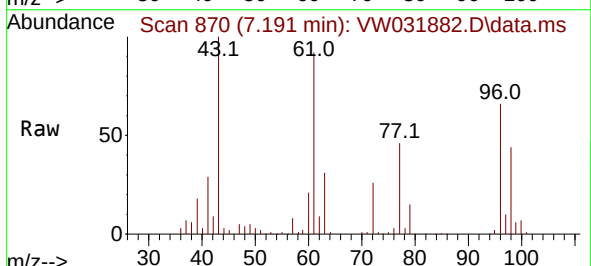
Instrument :
MSVOA_W
ClientSampleId :

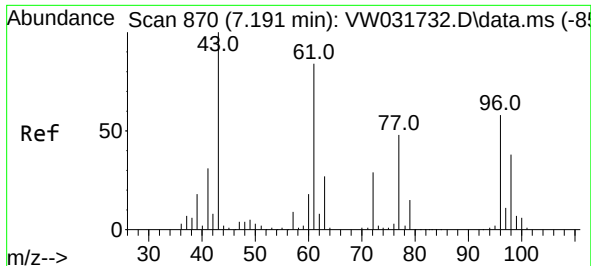
Tgt Ion: 43 Resp: 117240
Ion Ratio Lower Upper
43 100
72 28.2 23.0 34.6



#26
2,2-Dichloropropane
Concen: 18.088 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 77 Resp: 53272
Ion Ratio Lower Upper
77 100
97 24.8 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 22.281 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

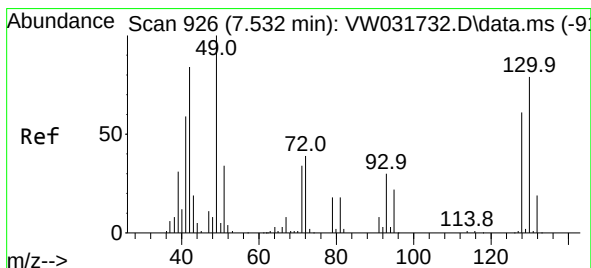
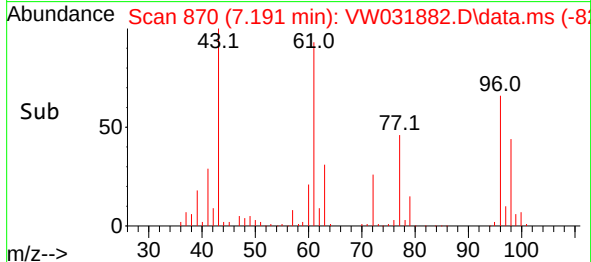
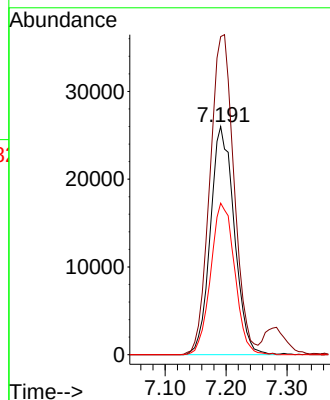
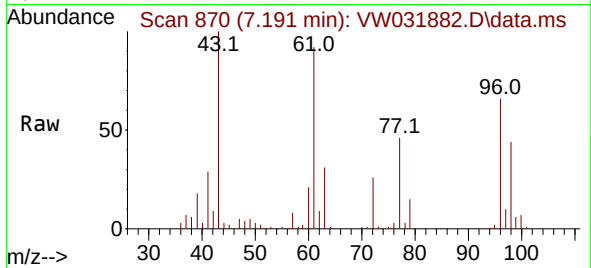
Tgt Ion: 96 Resp: 70811

Ion Ratio Lower Upper

96 100

61 142.1 0.0 286.8

98 66.7 0.0 130.4



#28

Bromochloromethane

Concen: 21.610 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

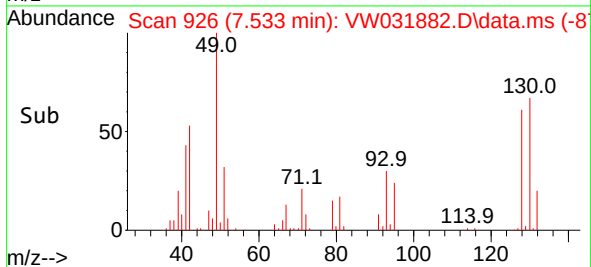
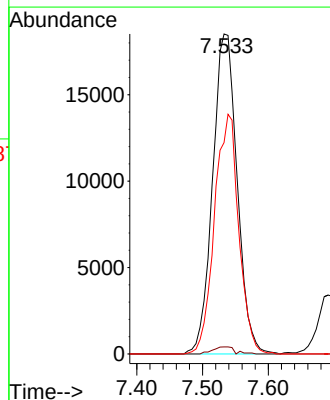
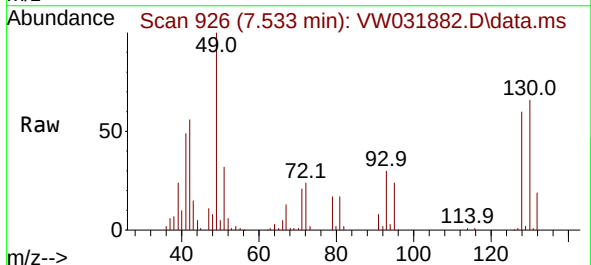
Tgt Ion: 49 Resp: 48138

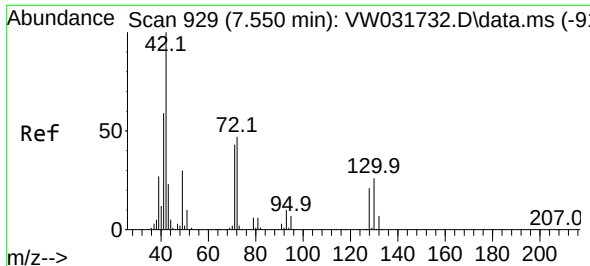
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

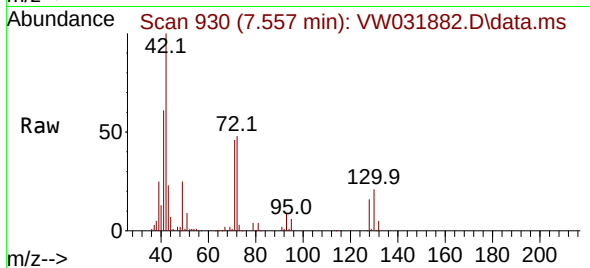
130 73.9 61.3 91.9



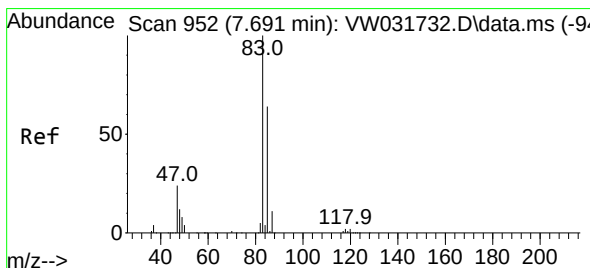
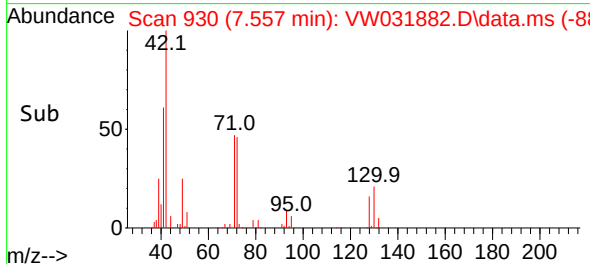
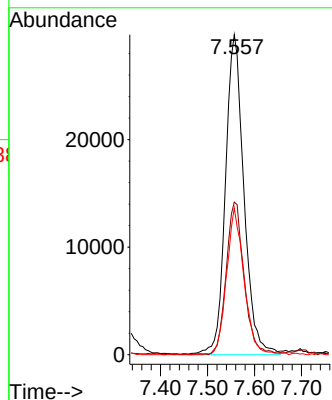


#29
Tetrahydrofuran
Concen: 118.055 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Instrument :
MSVOA_W
ClientSampleId :

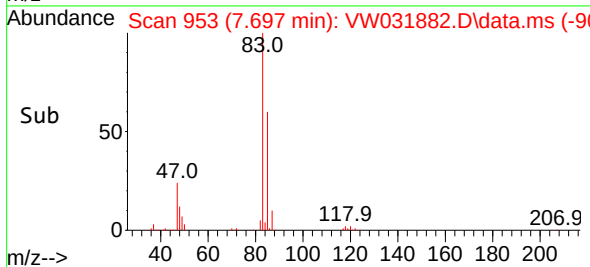
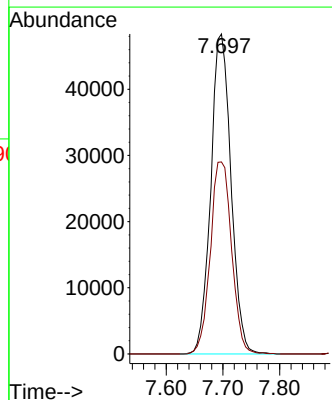
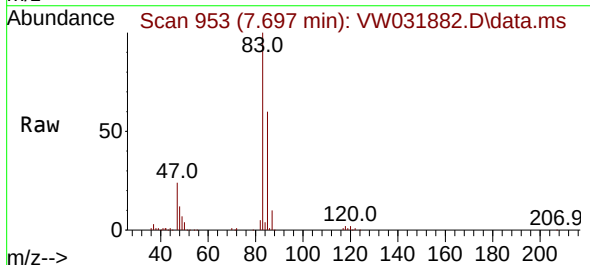


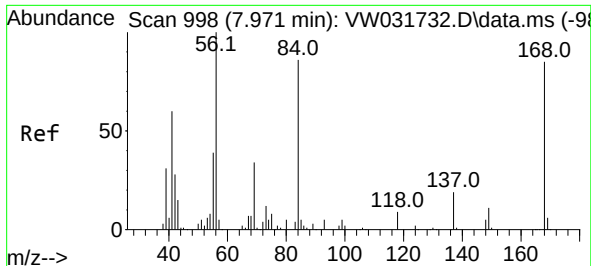
Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.8	55.2
71	43.1	34.6	52.0



#30
Chloroform
Concen: 22.357 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

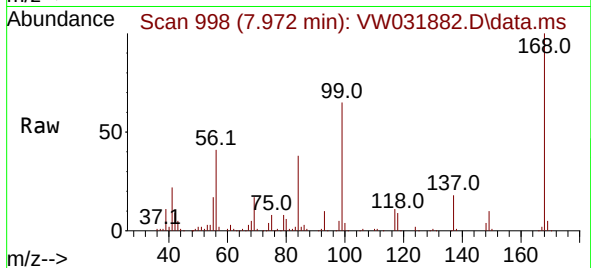
Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.4	77.0



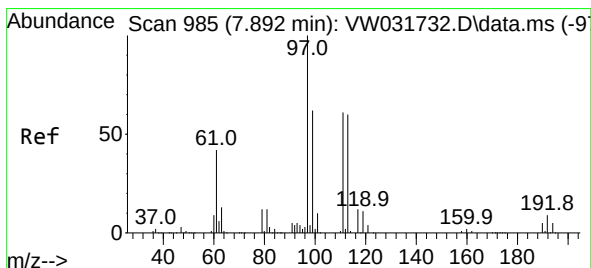
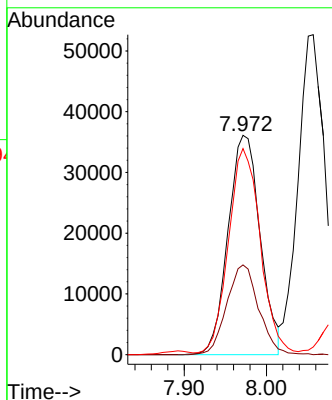
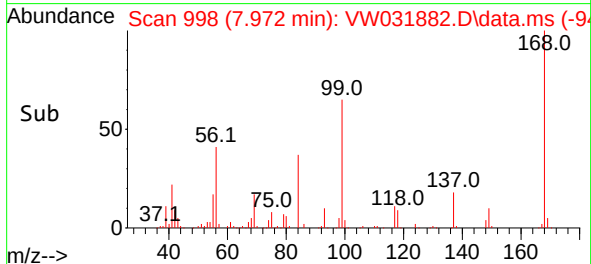


#31
Cyclohexane
Concen: 21.935 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Instrument :
MSVOA_W
ClientSampleId :

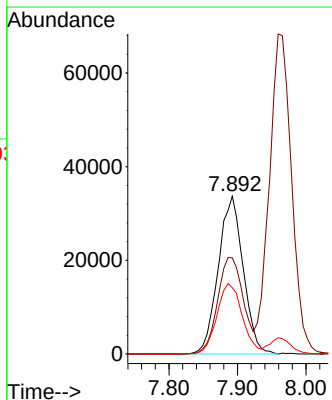
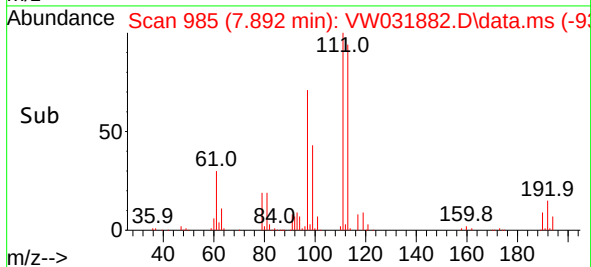
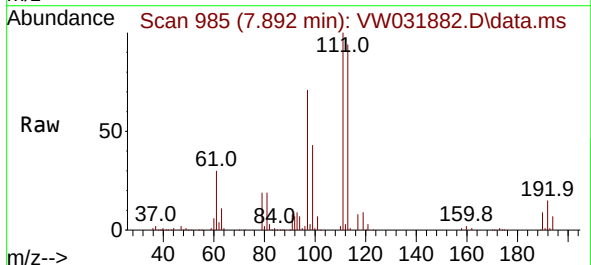


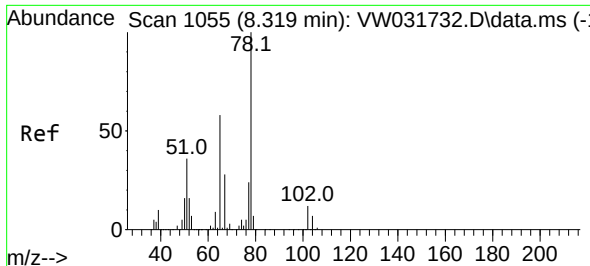
Tgt Ion: 56 Resp: 97876
Ion Ratio Lower Upper
56 100
69 40.9 27.2 40.8#
84 92.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.553 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 97 Resp: 84958
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.6
61 45.5 36.0 54.0

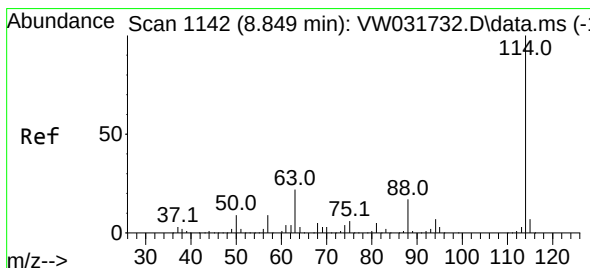
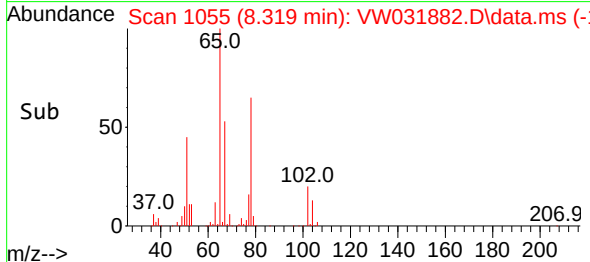
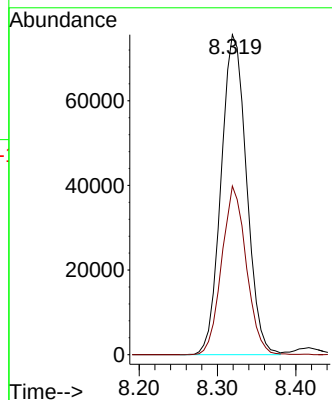
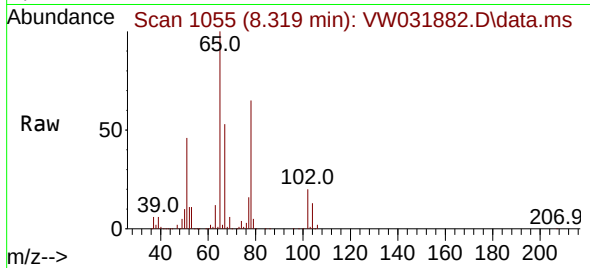




#33
 1,2-Dichloroethane-d4
 Concen: 54.388 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

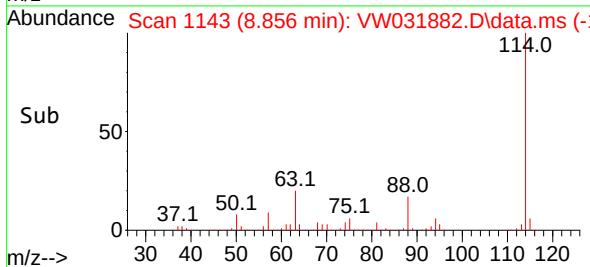
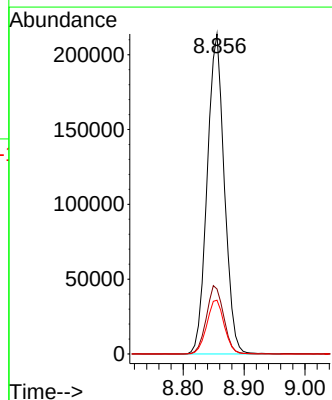
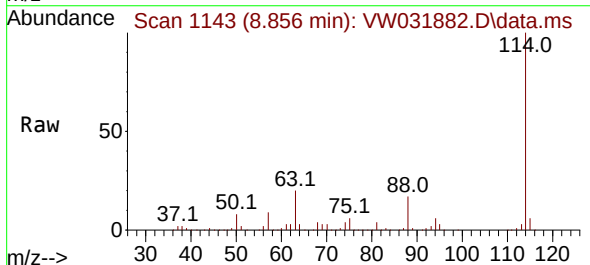
Instrument :
 MSVOA_W
 ClientSampleId :

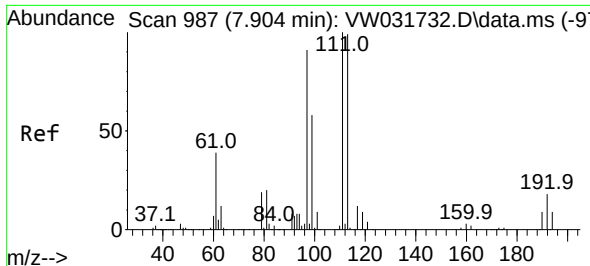
Tgt Ion: 65 Resp: 170444
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.007 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

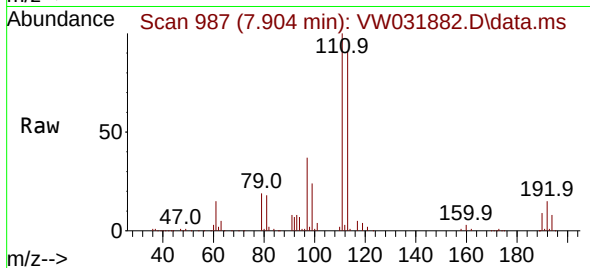
Tgt Ion: 114 Resp: 418079
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.6
 88 16.8 0.0 34.2



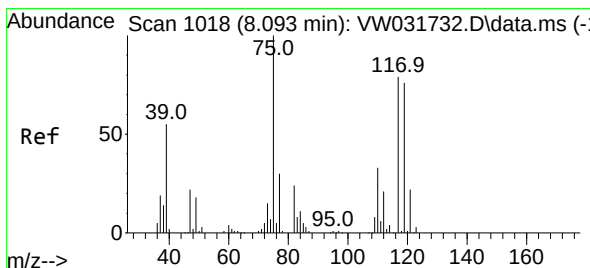
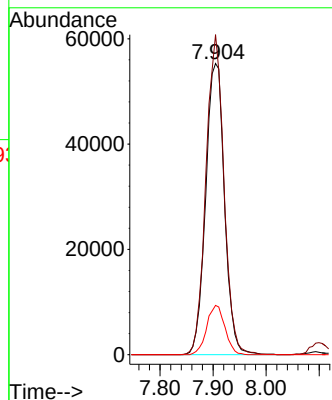
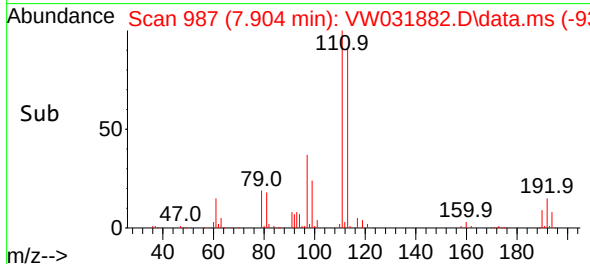


#35
 Dibromofluoromethane
 Concen: 49.983 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

Instrument :
 MSVOA_W
 ClientSampleId :

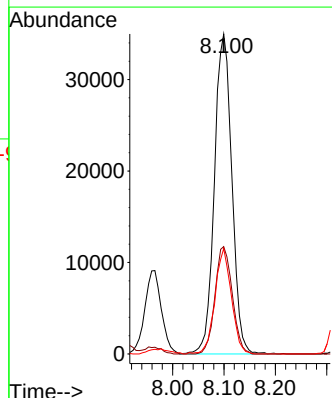
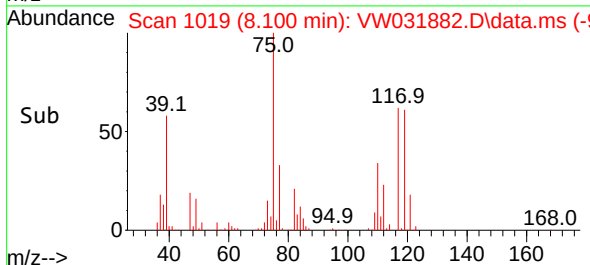
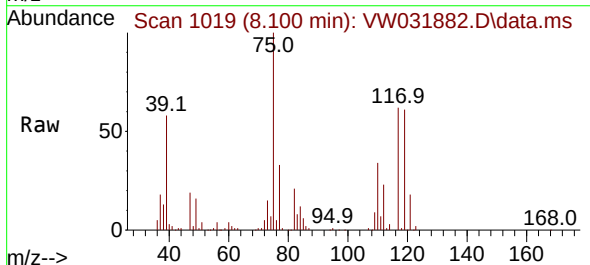


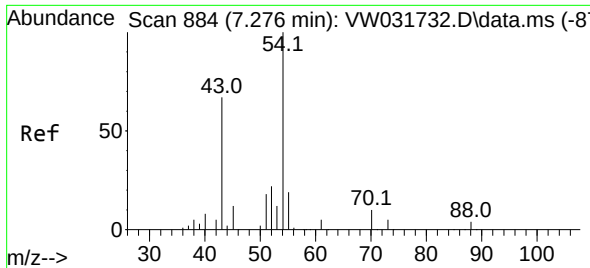
Tgt Ion:113 Resp: 136361
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 20.895 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.007 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

Tgt Ion: 75 Resp: 82489
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.8 50.4
 77 31.1 25.0 37.6

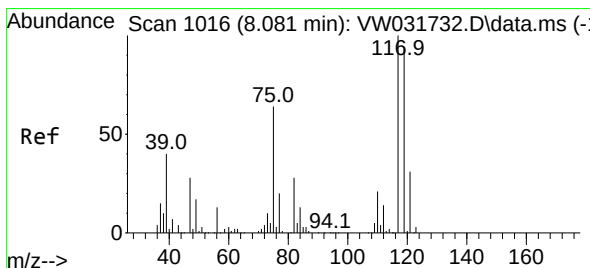
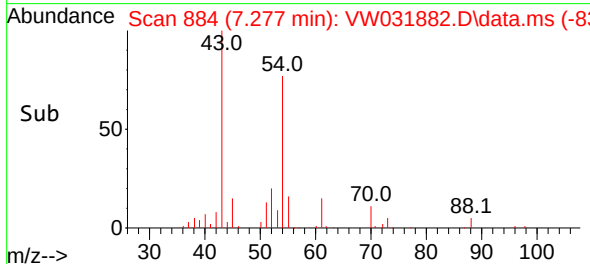
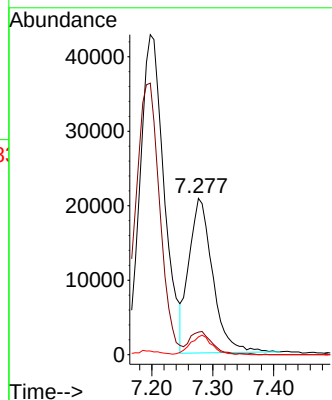
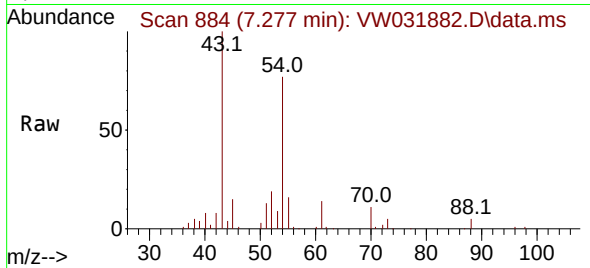




#37
Ethyl Acetate
Concen: 22.570 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

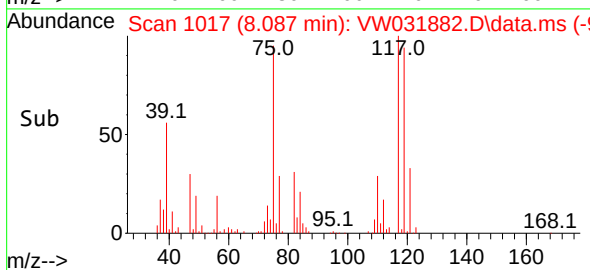
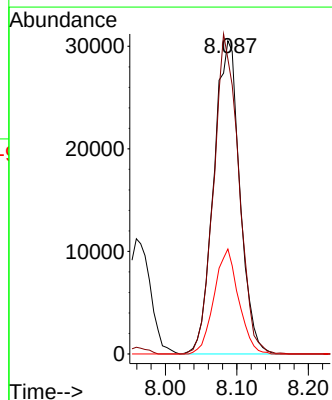
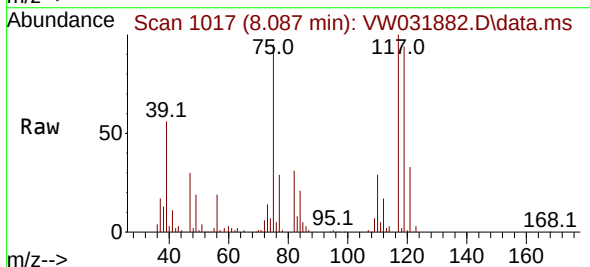
Instrument :
MSVOA_W
ClientSampleId :

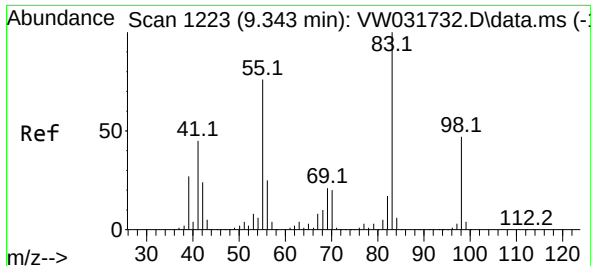
Tgt Ion: 43 Resp: 56207
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.238 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 117 Resp: 77394
Ion Ratio Lower Upper
117 100
119 94.2 75.0 112.6
121 33.5 24.6 37.0





#39

Methylcyclohexane

Concen: 21.443 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

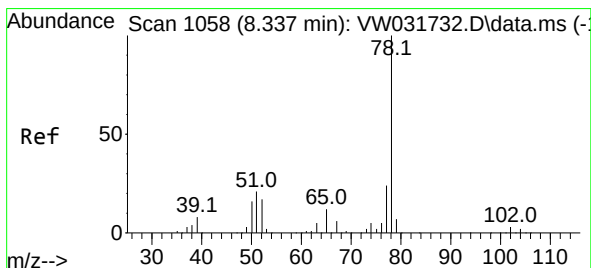
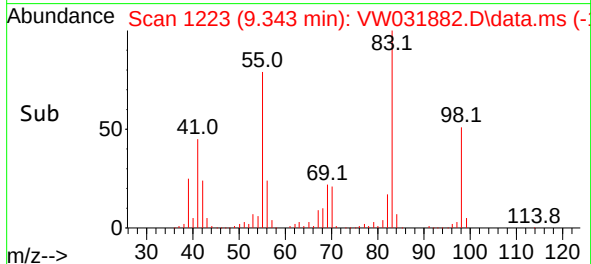
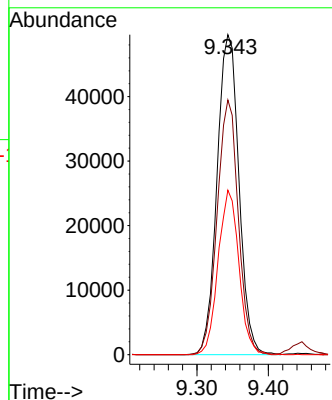
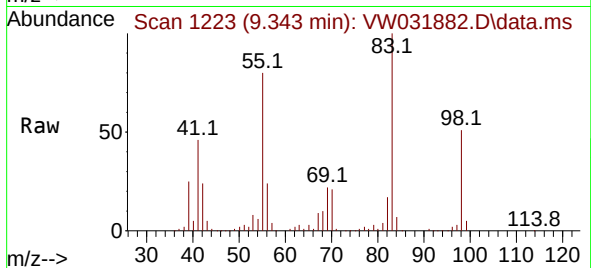
Tgt Ion: 83 Resp: 105322

Ion Ratio Lower Upper

83 100

55 79.6 61.0 91.4

98 51.4 37.9 56.9



#40

Benzene

Concen: 21.404 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031882.D

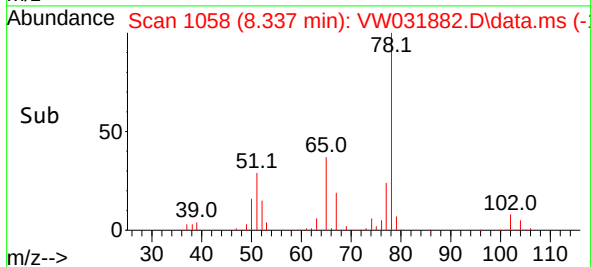
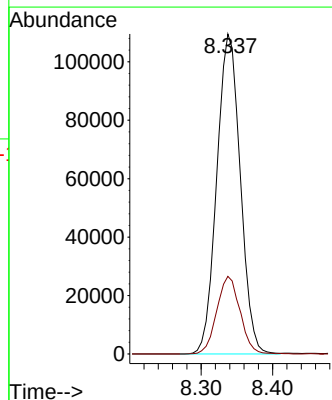
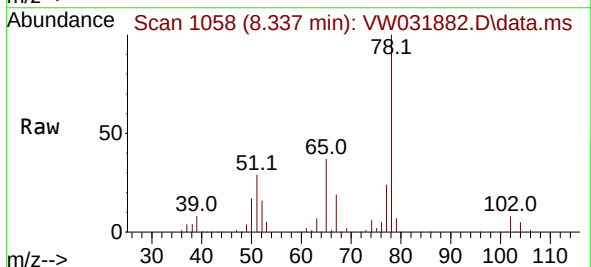
Acq: 17 Jul 2025 11:51

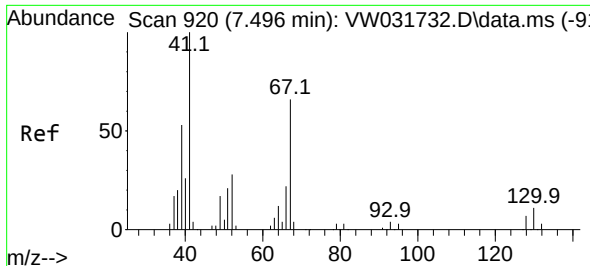
Tgt Ion: 78 Resp: 249996

Ion Ratio Lower Upper

78 100

77 24.3 19.2 28.8

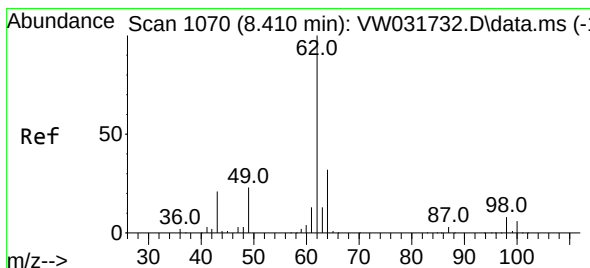
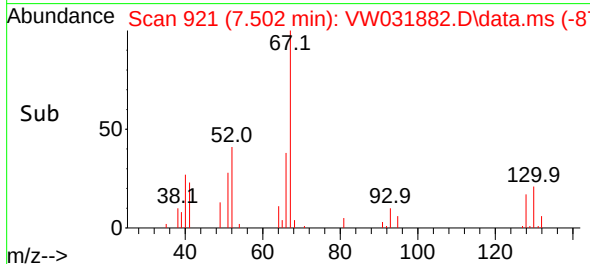
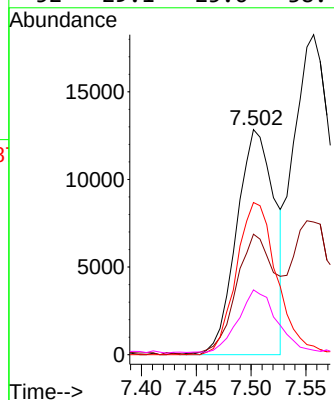
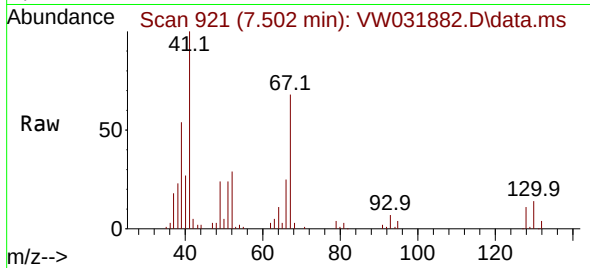




#41
Methacrylonitrile
Concen: 23.298 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

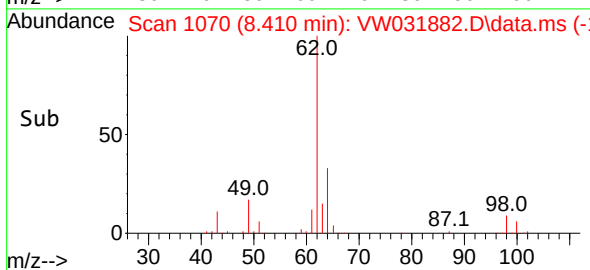
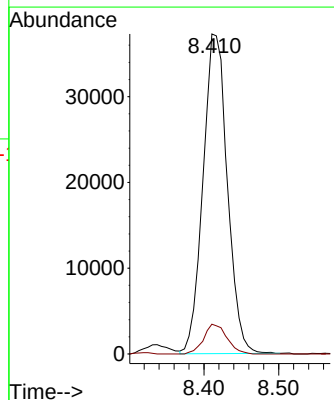
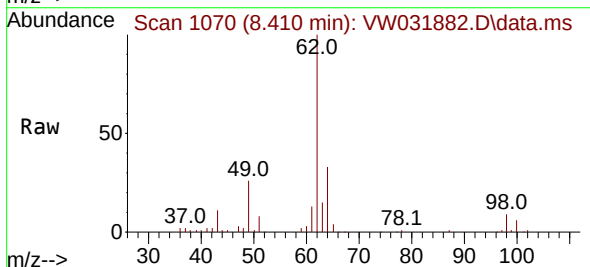
Instrument :
MSVOA_W
ClientSampleId :

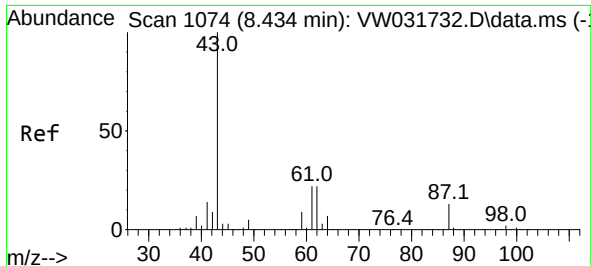
Tgt Ion:	41	Resp:	31081
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	73.0	58.1	87.1
52	29.1	25.6	38.4



#42
1,2-Dichloroethane
Concen: 21.397 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion:	62	Resp:	84445
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2

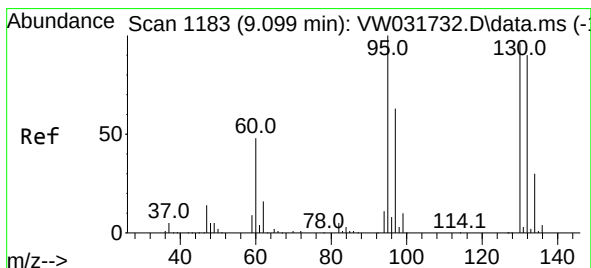
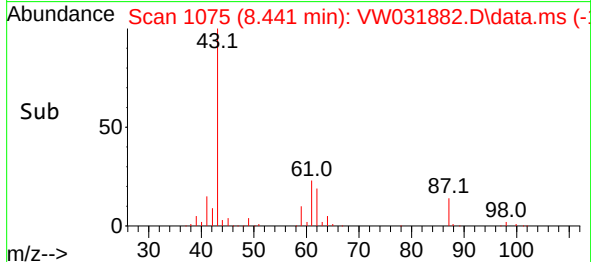
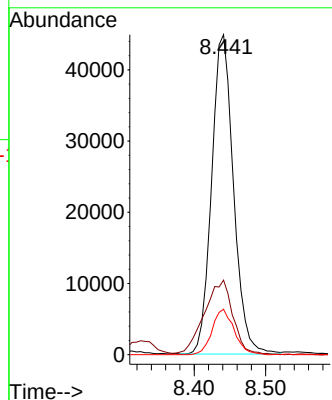
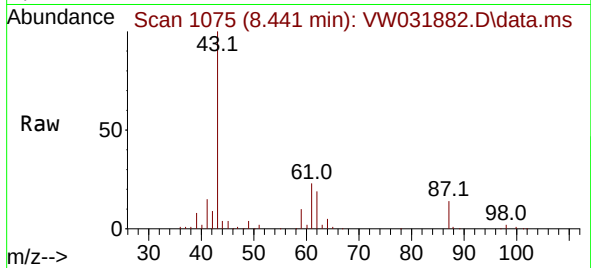




#43
Isopropyl Acetate
Concen: 22.223 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

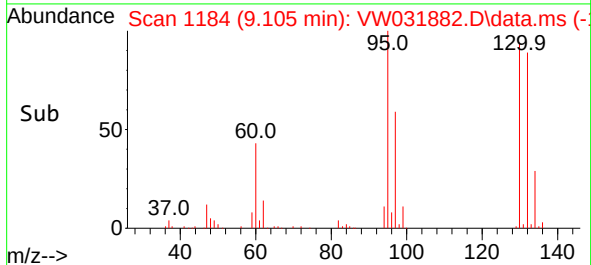
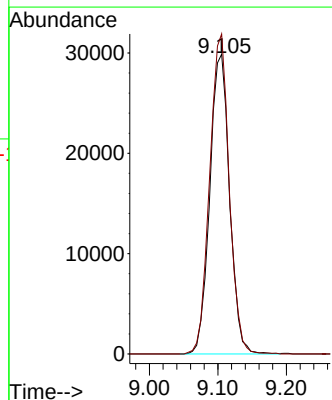
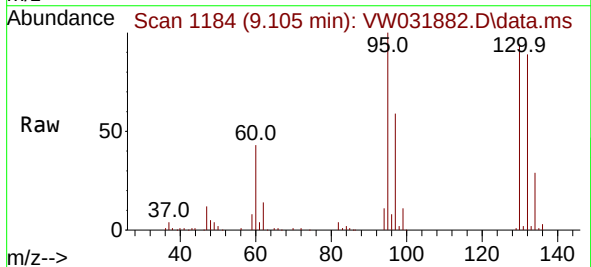
Instrument :
MSVOA_W
ClientSampleId :

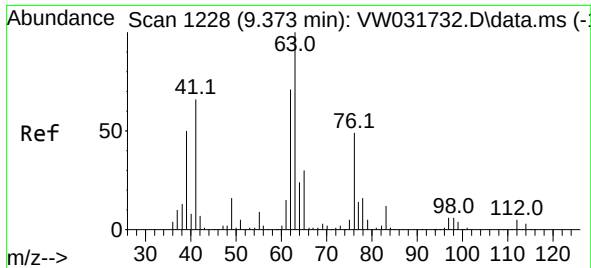
Tgt Ion: 43 Resp: 95400
Ion Ratio Lower Upper
43 100
61 30.6 23.1 34.7
87 14.3 10.8 16.2



#44
Trichloroethene
Concen: 20.557 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion:130 Resp: 59927
Ion Ratio Lower Upper
130 100
95 106.7 0.0 208.6

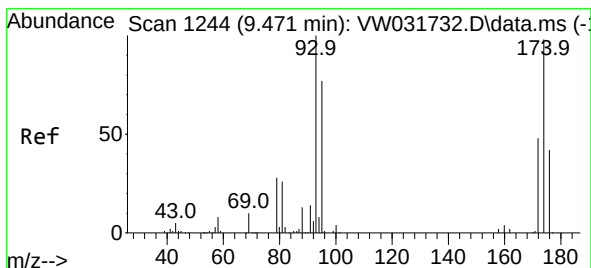
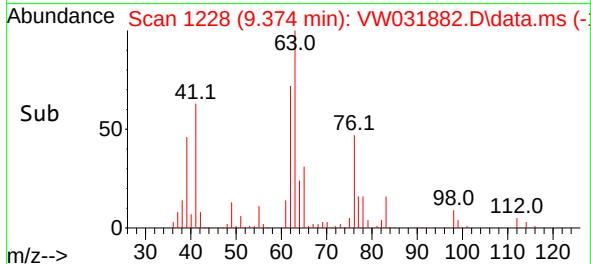
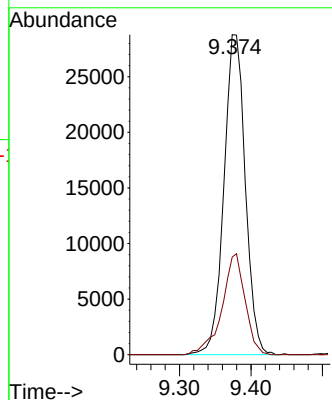
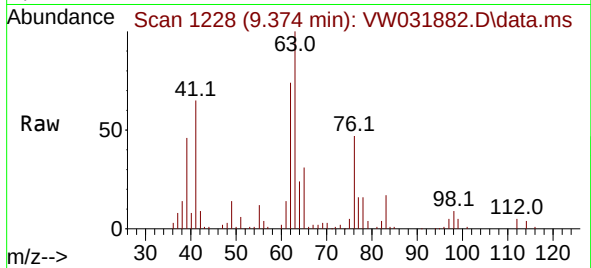




#45
1,2-Dichloropropane
Concen: 21.190 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

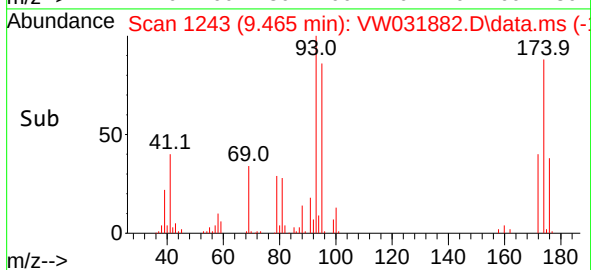
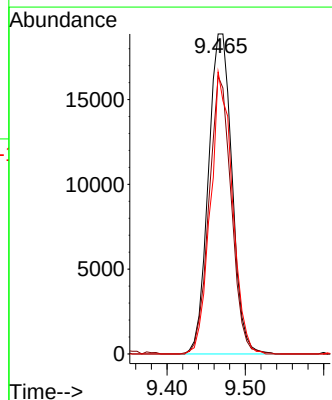
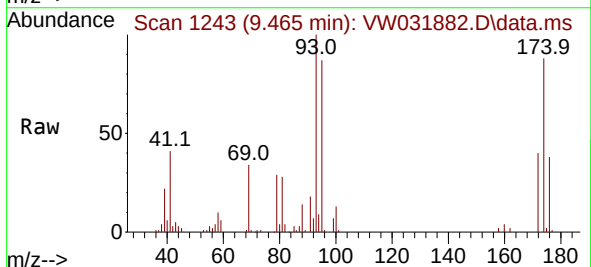
Instrument :
MSVOA_W
ClientSampleId :

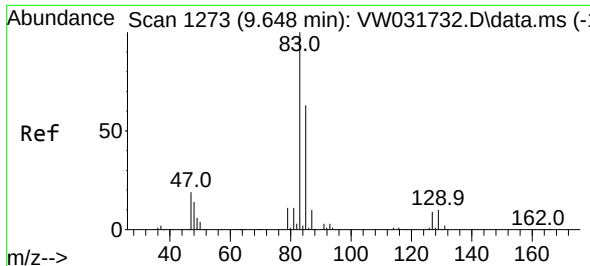
Tgt Ion: 63 Resp: 59816
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.4



#46
Dibromomethane
Concen: 21.737 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 93 Resp: 39615
Ion Ratio Lower Upper
93 100
95 81.8 67.0 100.4
174 81.5 71.7 107.5

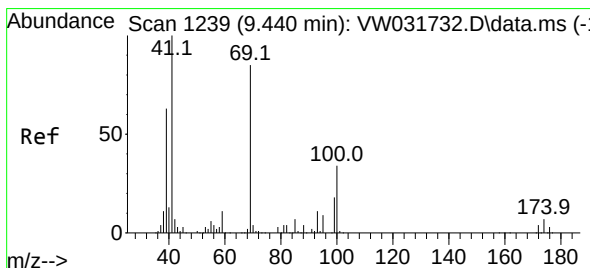
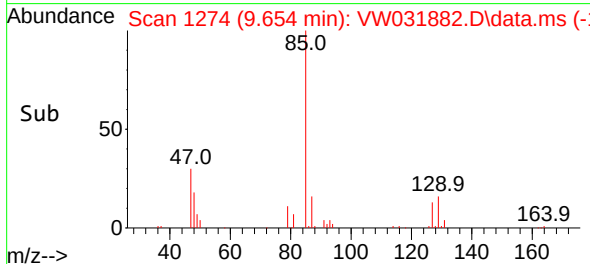
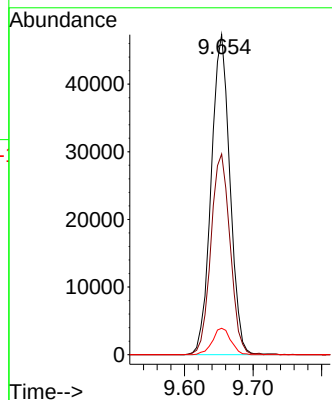
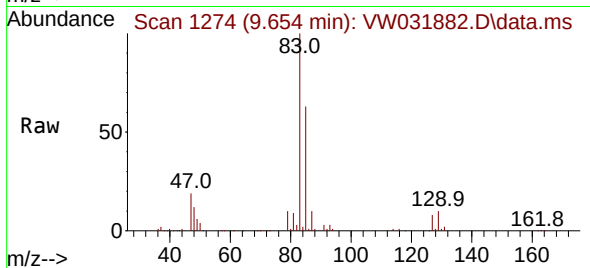




#47
Bromodichloromethane
Concen: 21.016 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

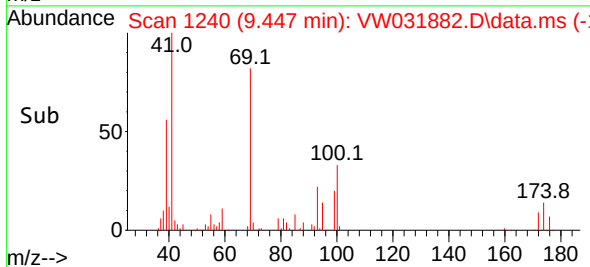
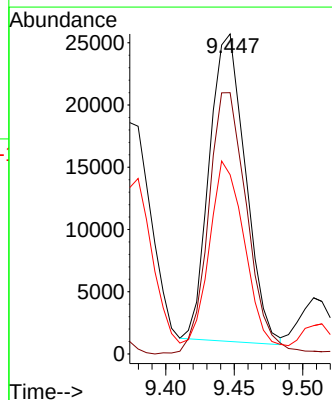
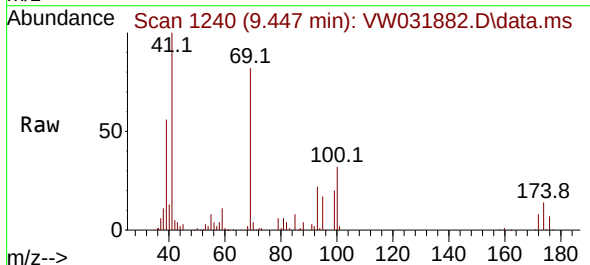
Instrument :
MSVOA_W
ClientSampleId :

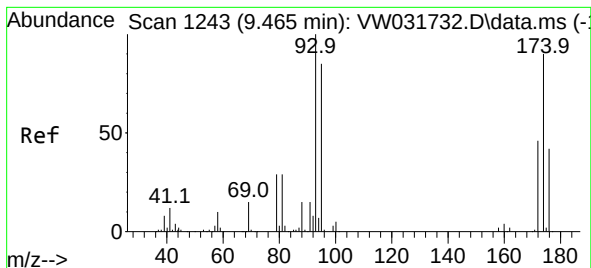
Tgt Ion: 83 Resp: 89815
Ion Ratio Lower Upper
83 100
85 62.7 50.8 76.2
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 21.409 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 41 Resp: 45191
Ion Ratio Lower Upper
41 100
69 91.6 71.6 107.4
39 57.8 49.5 74.3





#49

1,4-Dioxane

Concen: 453.788 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.007 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

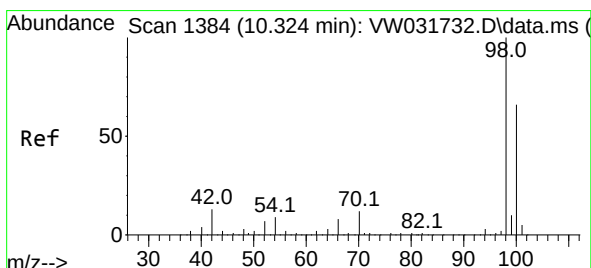
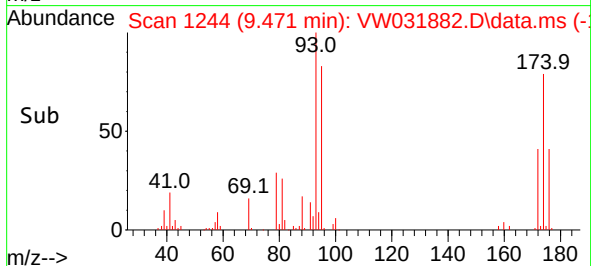
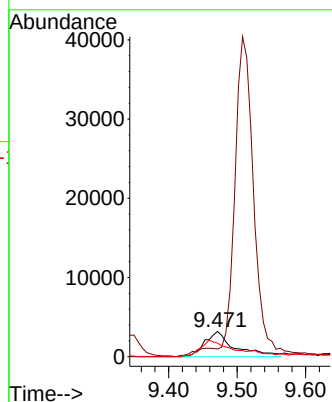
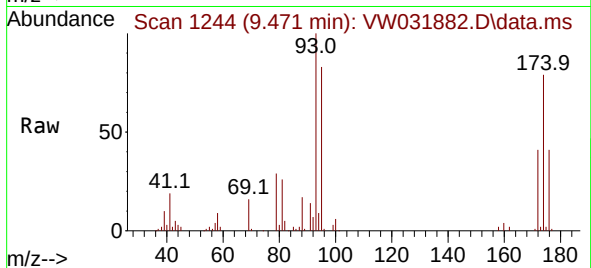
Tgt Ion: 88 Resp: 9686

Ion Ratio Lower Upper

88 100

43 26.5 0.0 0.0#

58 74.7 58.3 87.5



#50

Toluene-d8

Concen: 51.655 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031882.D

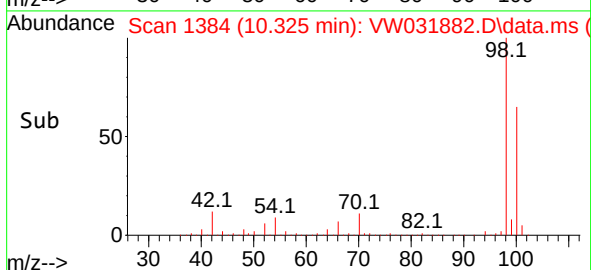
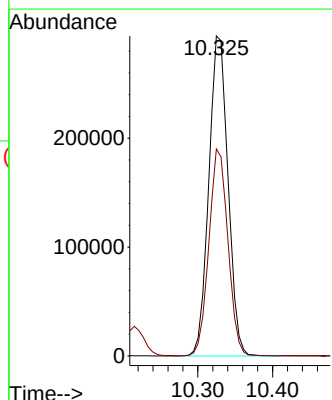
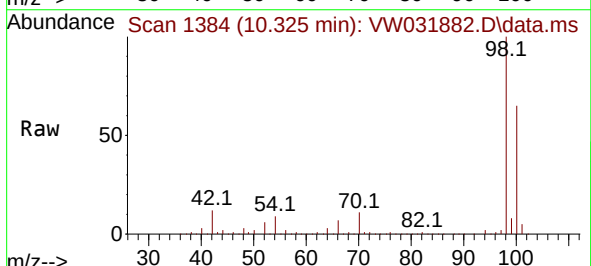
Acq: 17 Jul 2025 11:51

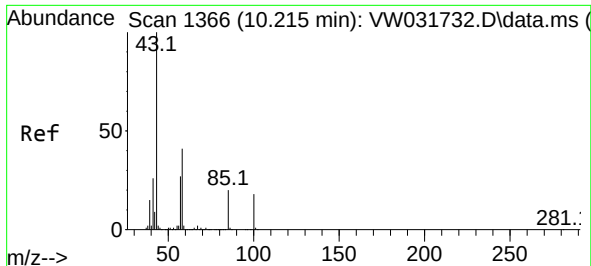
Tgt Ion: 98 Resp: 524424

Ion Ratio Lower Upper

98 100

100 64.2 53.0 79.4

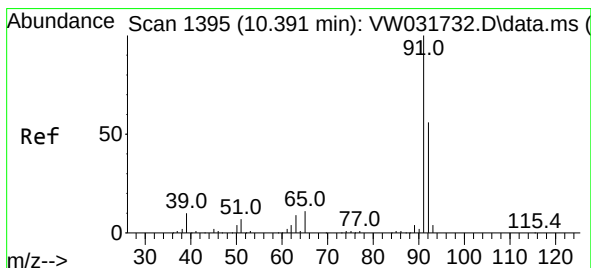
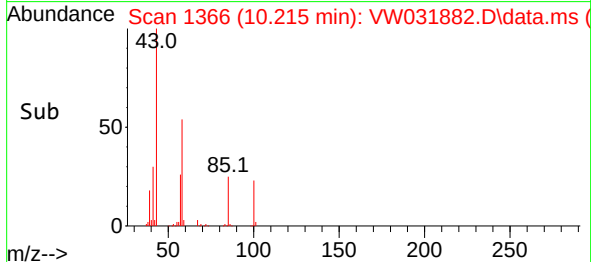
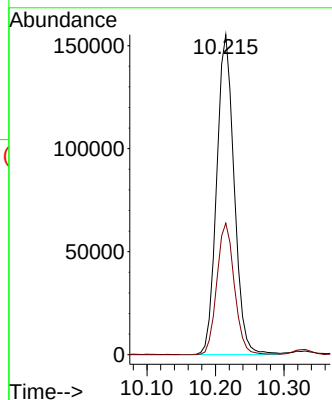
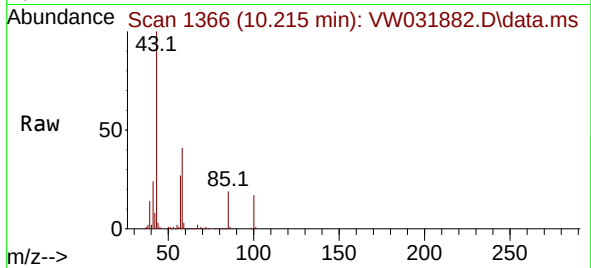




#51
4-Methyl-2-Pentanone
Concen: 111.209 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

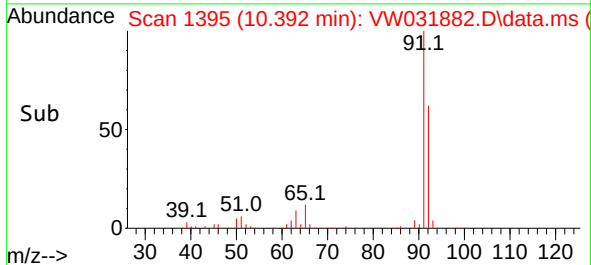
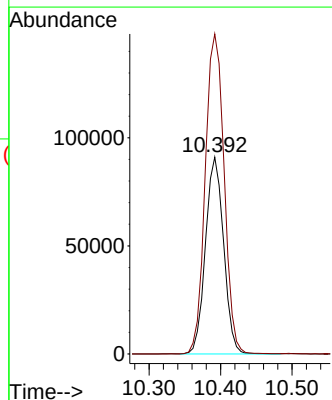
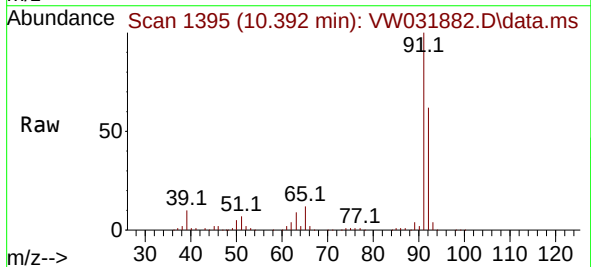
Instrument :
MSVOA_W
ClientSampleId :

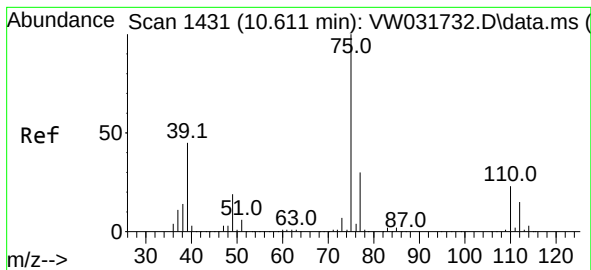
Tgt Ion: 43 Resp: 274460
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.2



#52
Toluene
Concen: 21.466 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 92 Resp: 160528
Ion Ratio Lower Upper
92 100
91 169.2 139.5 209.3

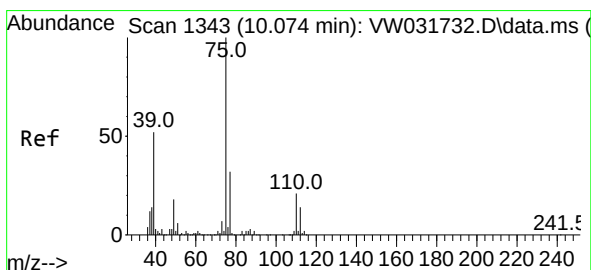
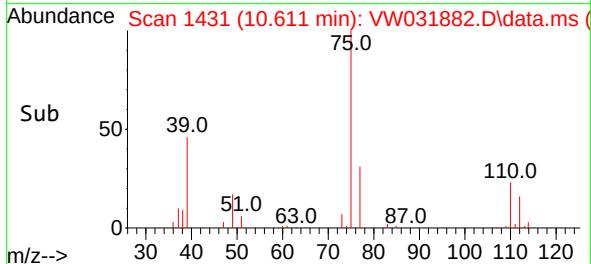
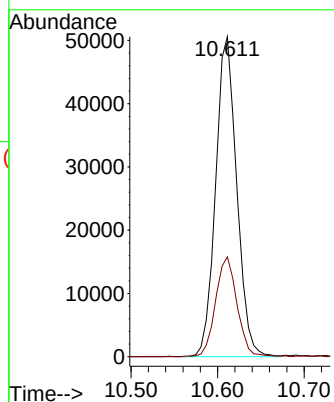
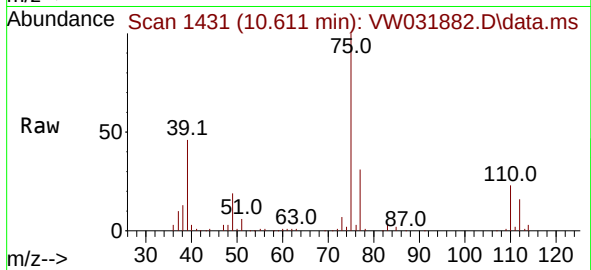




#53
 t-1,3-Dichloropropene
 Concen: 21.348 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

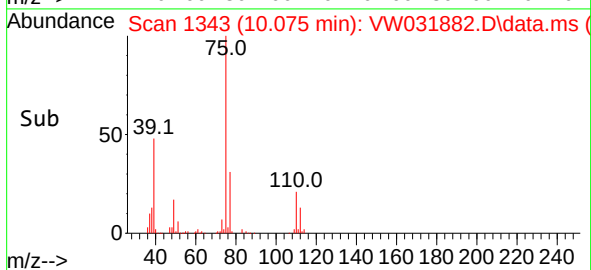
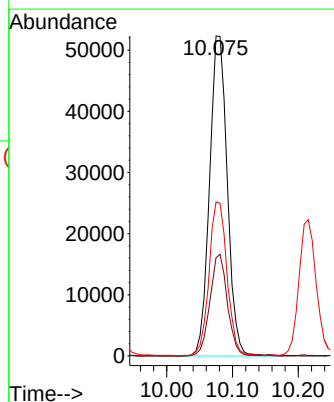
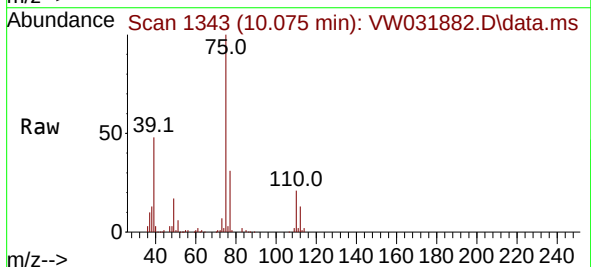
Instrument :
 MSVOA_W
 ClientSampleId :

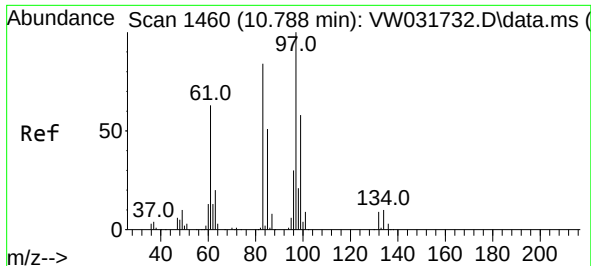
Tgt Ion: 75 Resp: 85600
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 21.631 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

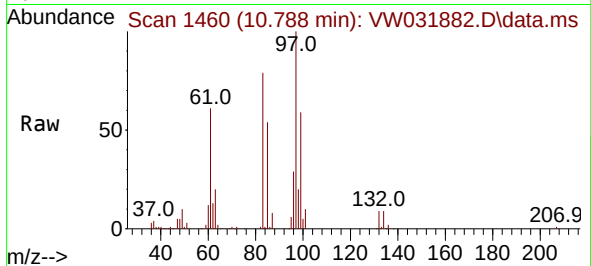
Tgt Ion: 75 Resp: 98325
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2
 39 48.2 41.8 62.6



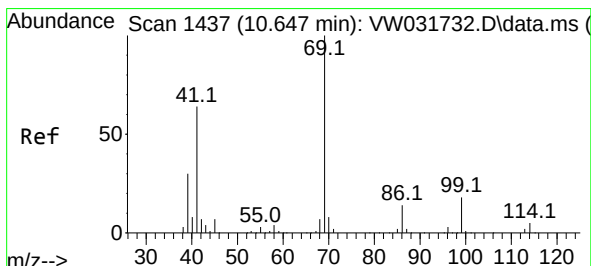
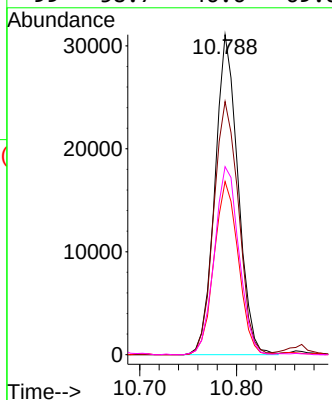
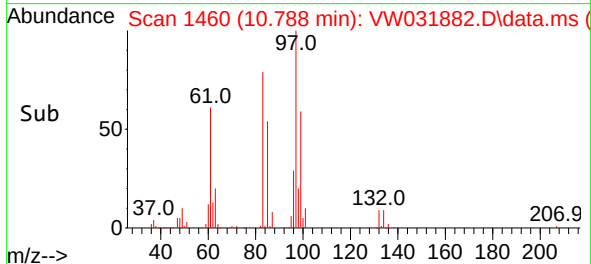


#55
1,1,2-Trichloroethane
Concen: 21.593 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

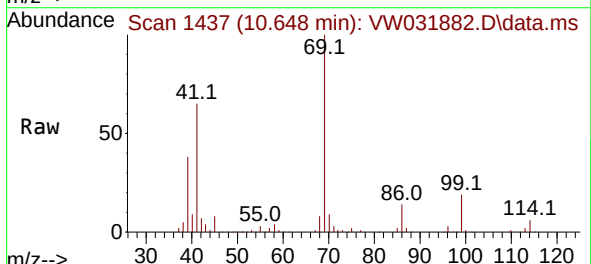
Instrument :
MSVOA_W
ClientSampleId :



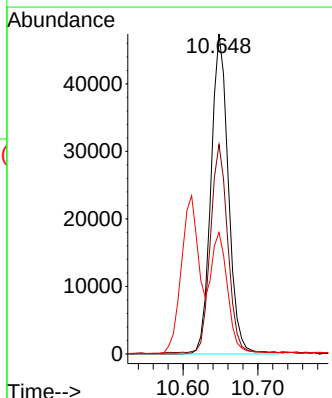
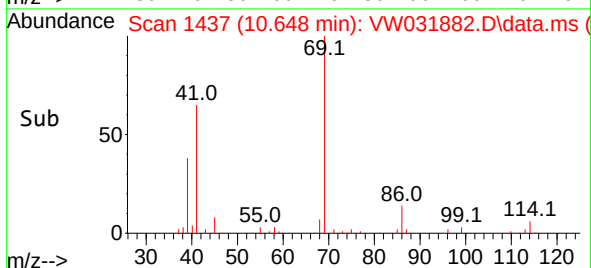
Tgt Ion: 97	Resp: 51549
Ion Ratio	Lower Upper
97 100	
83 79.1	66.9 100.3
85 54.1	41.1 61.7
99 58.7	46.6 69.8

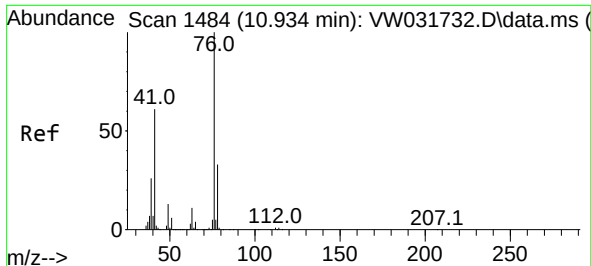


#56
Ethyl methacrylate
Concen: 23.667 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51



Tgt Ion: 69	Resp: 76651
Ion Ratio	Lower Upper
69 100	
41 66.0	53.3 79.9
39 35.7	30.2 45.2





#57

1,3-Dichloropropane

Concen: 21.876 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

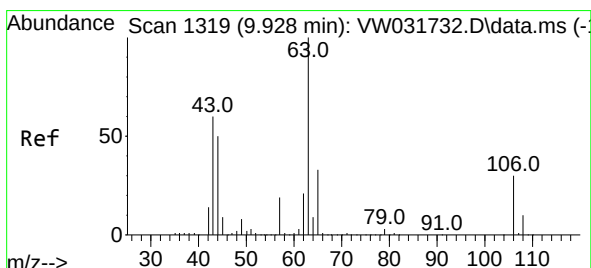
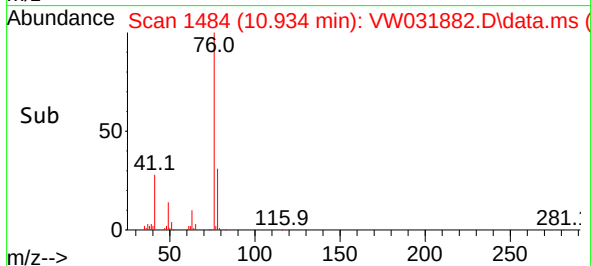
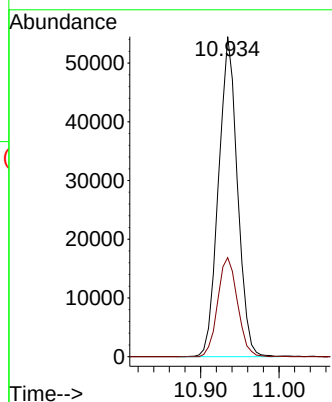
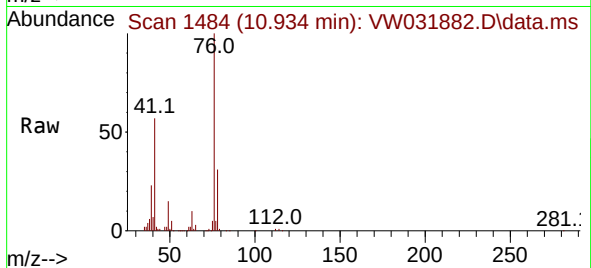
ClientSampleId :

Tgt Ion: 76 Resp: 91688

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.247 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031882.D

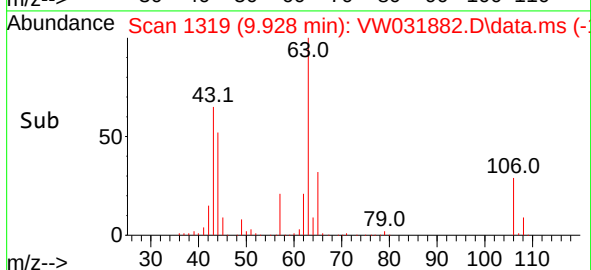
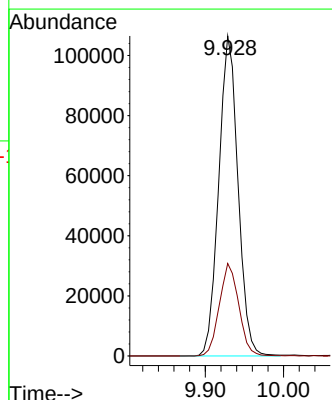
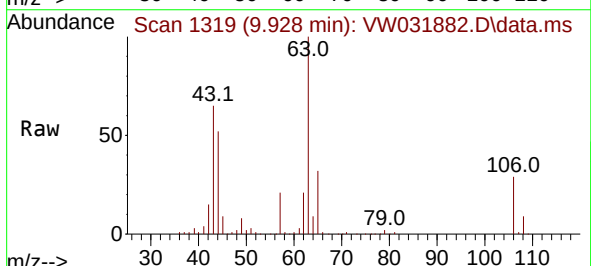
Acq: 17 Jul 2025 11:51

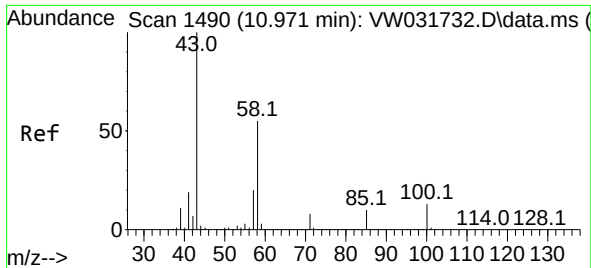
Tgt Ion: 63 Resp: 182347

Ion Ratio Lower Upper

63 100

106 29.1 24.1 36.1

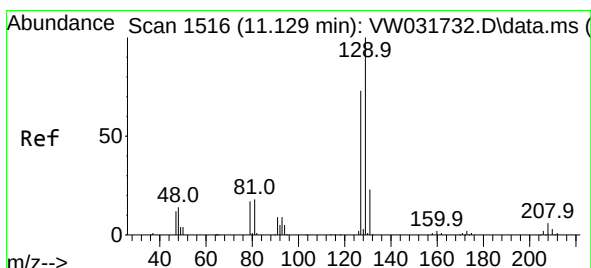
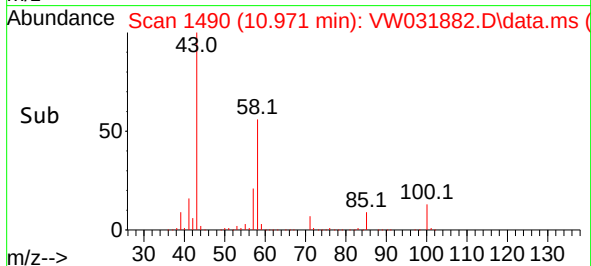
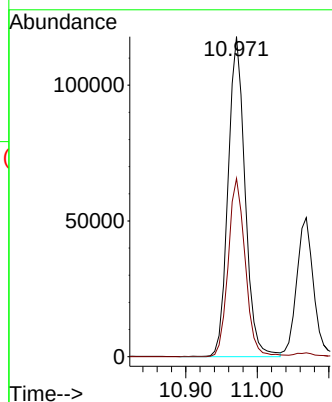
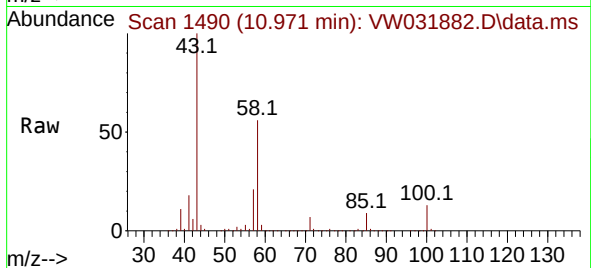




#59
2-Hexanone
Concen: 116.188 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

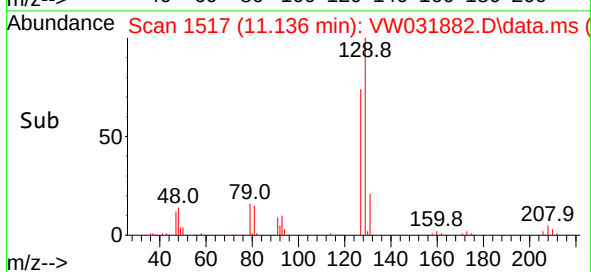
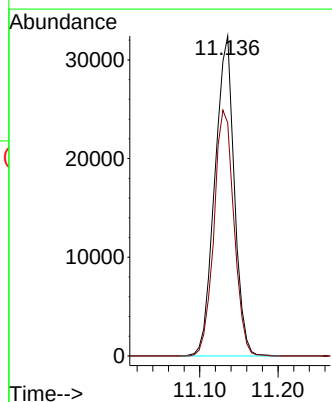
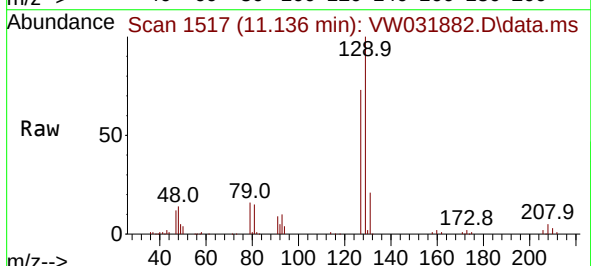
Instrument :
MSVOA_W
ClientSampleId :

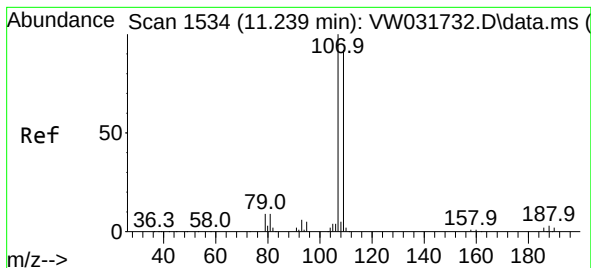
Tgt Ion: 43 Resp: 194313
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.6



#60
Dibromochloromethane
Concen: 19.629 ug/l
RT: 11.136 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 129 Resp: 56037
Ion Ratio Lower Upper
129 100
127 78.9 38.0 114.1

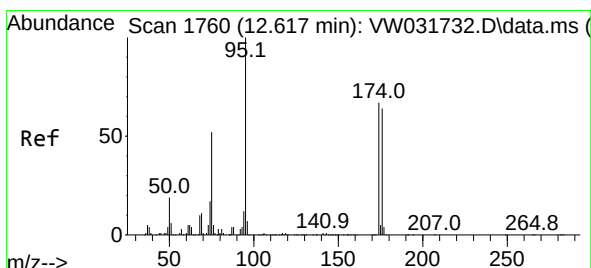
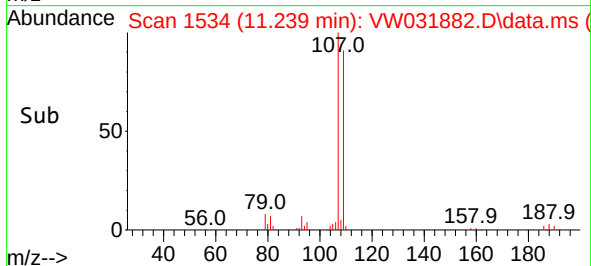
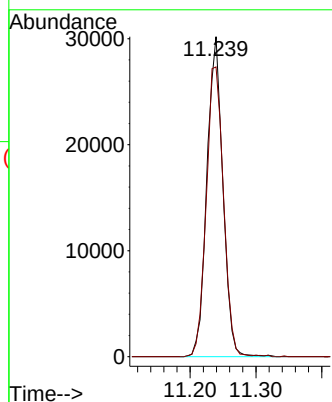
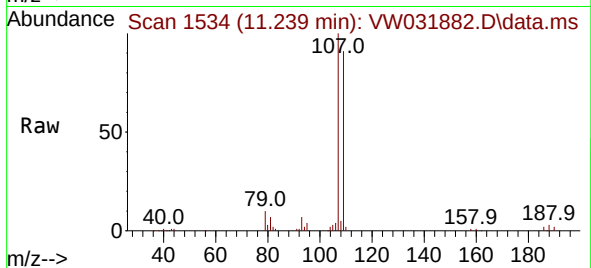




#61
1,2-Dibromoethane
Concen: 21.340 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

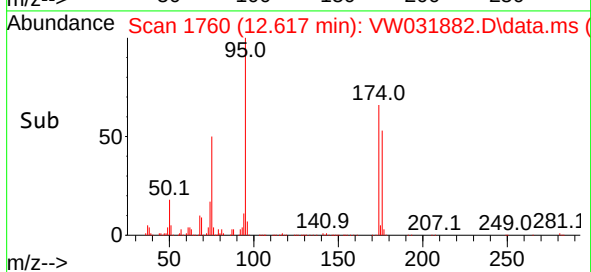
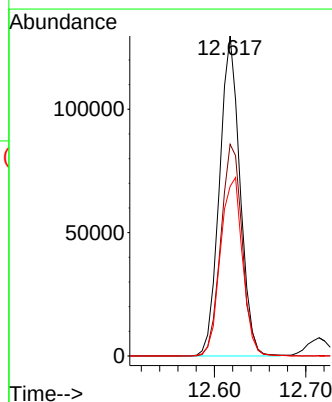
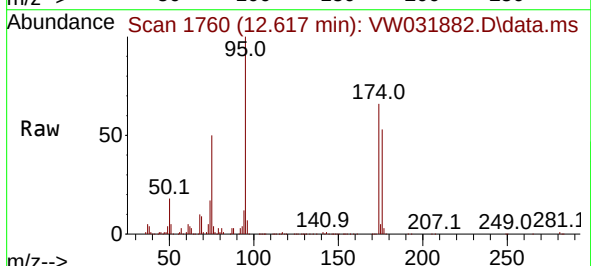
Instrument :
MSVOA_W
ClientSampleId :

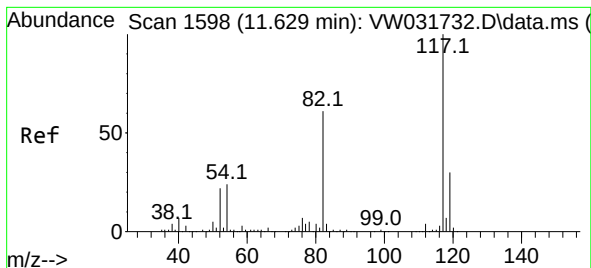
Tgt Ion:107 Resp: 51000
Ion Ratio Lower Upper
107 100
109 97.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.147 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 95 Resp: 202301
Ion Ratio Lower Upper
95 100
174 68.7 0.0 133.8
176 60.2 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.636 min Scan# 11

Delta R.T. 0.007 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

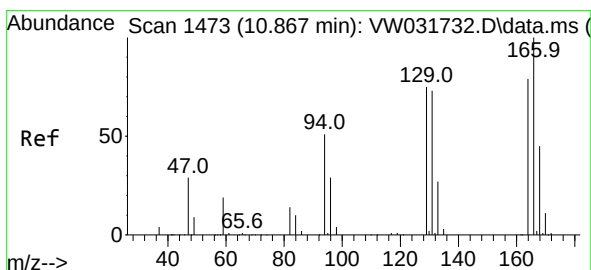
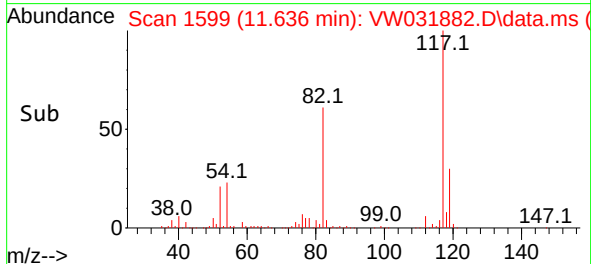
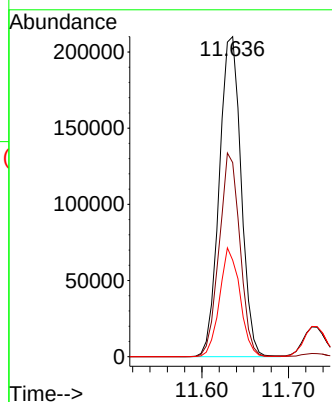
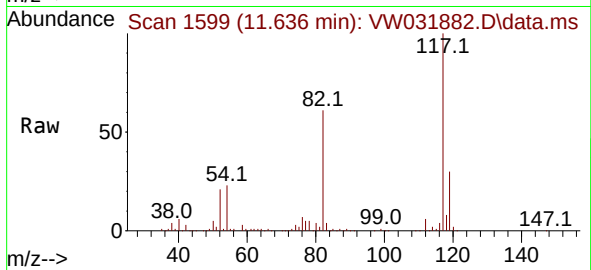
Tgt Ion:117 Resp: 367858

Ion Ratio Lower Upper

117 100

82 60.6 48.6 72.8

119 30.1 23.9 35.9



#64

Tetrachloroethene

Concen: 18.821 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Tgt Ion:164 Resp: 45287

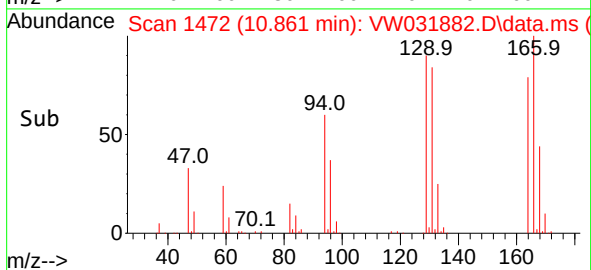
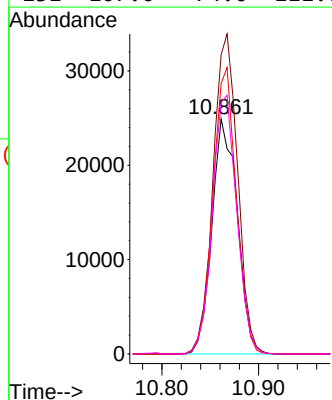
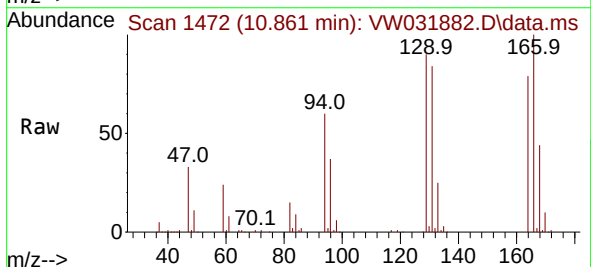
Ion Ratio Lower Upper

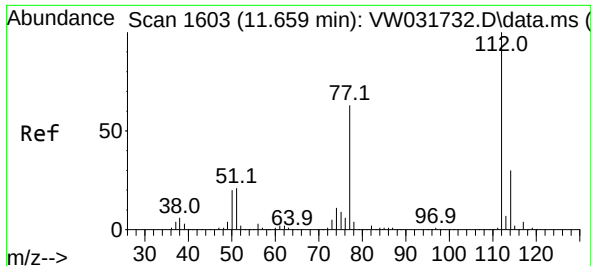
164 100

166 127.3 100.7 151.1

129 115.1 75.4 113.0#

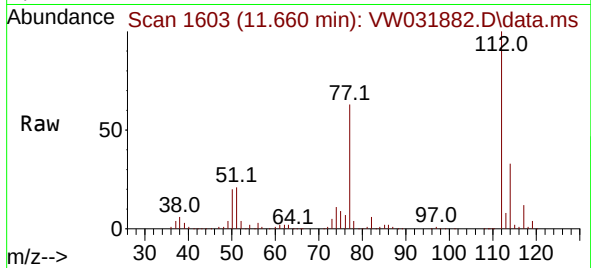
131 107.0 74.0 111.0



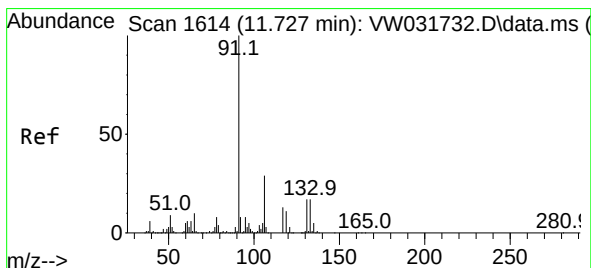
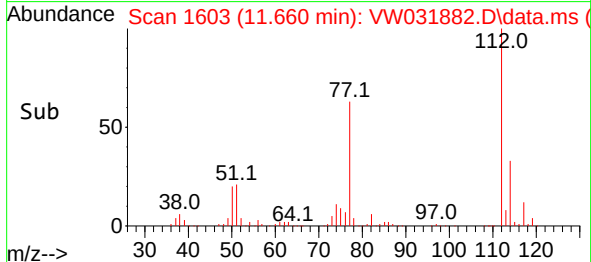
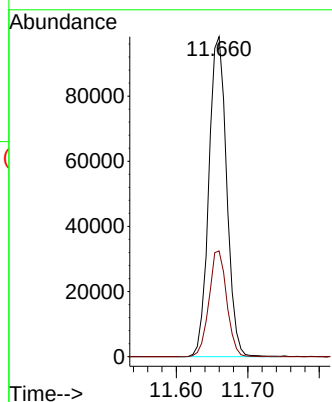


#65
Chlorobenzene
Concen: 20.956 ug/l
RT: 11.660 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Instrument :
MSVOA_W
ClientSampleId :

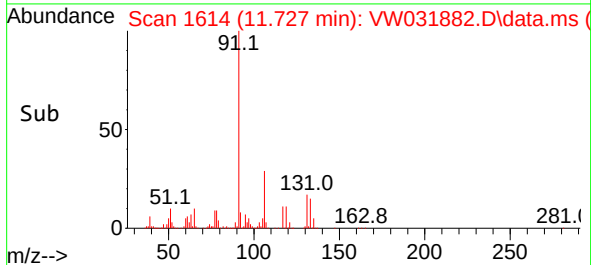
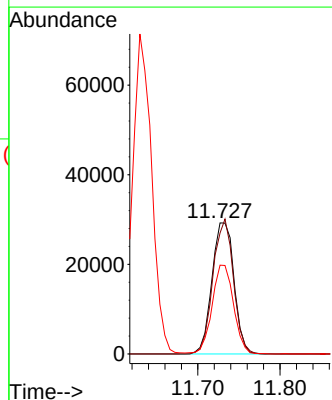
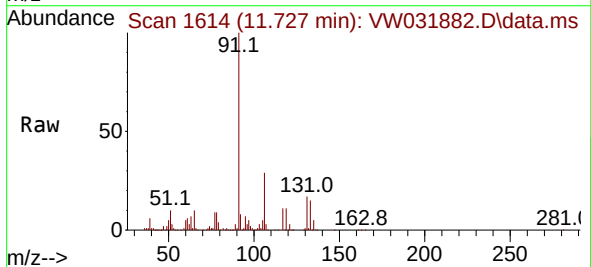


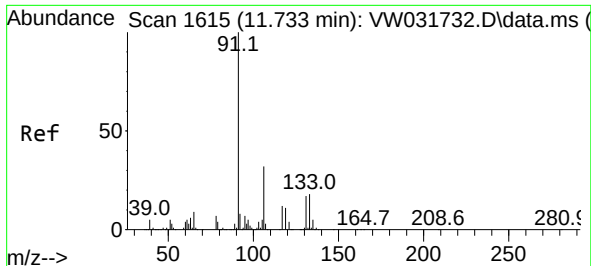
Tgt Ion:112 Resp: 170081
Ion Ratio Lower Upper
112 100
114 33.1 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.102 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion:131 Resp: 54577
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.6
119 66.0 32.5 97.5





#67

Ethyl Benzene

Concen: 21.531 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

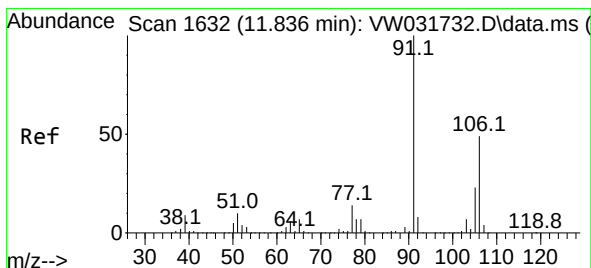
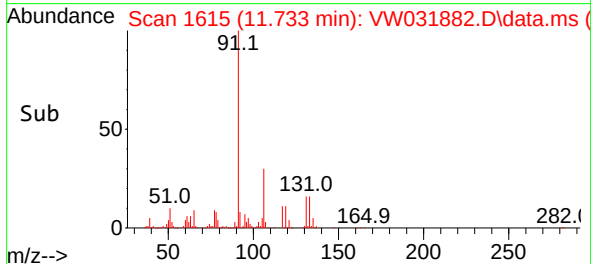
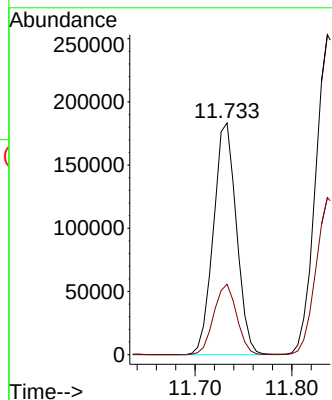
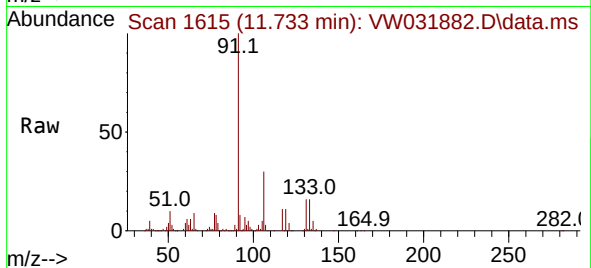
ClientSampleId :

Tgt Ion: 91 Resp: 303022

Ion Ratio Lower Upper

91 100

106 30.4 25.4 38.2



#68

m/p-Xylenes

Concen: 42.820 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031882.D

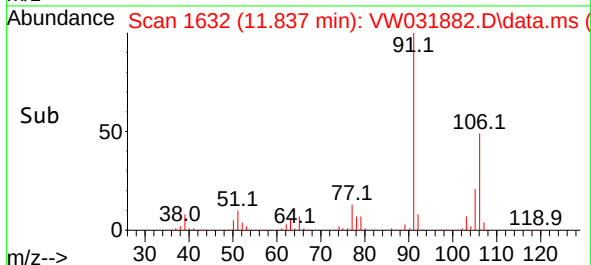
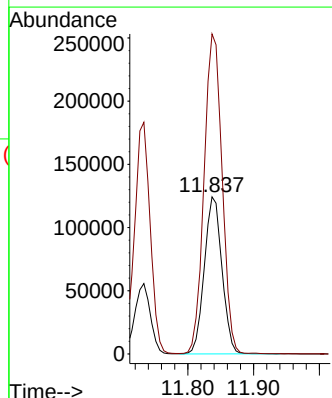
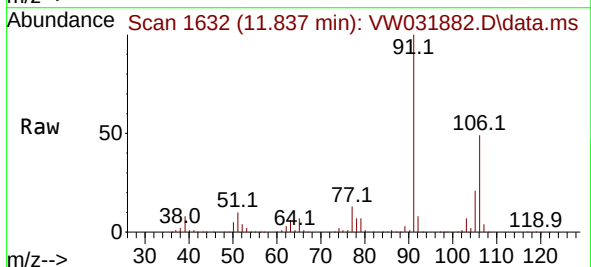
Acq: 17 Jul 2025 11:51

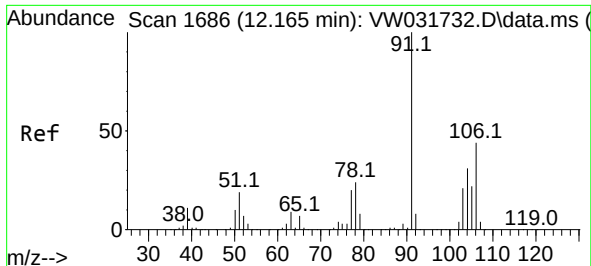
Tgt Ion:106 Resp: 231665

Ion Ratio Lower Upper

106 100

91 207.8 166.4 249.6

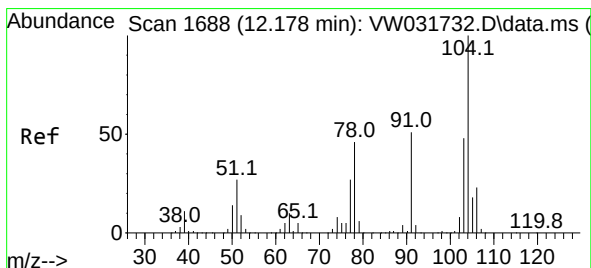
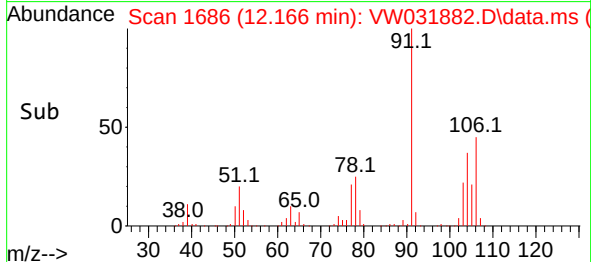
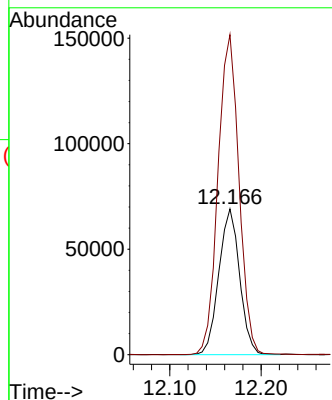
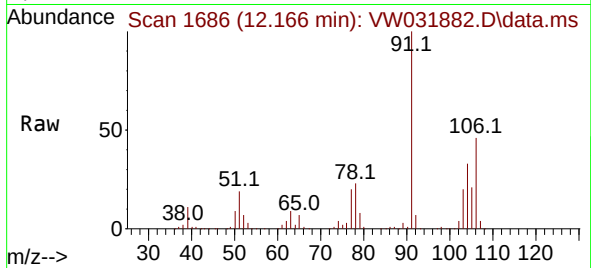




#69
o-Xylene
Concen: 21.856 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

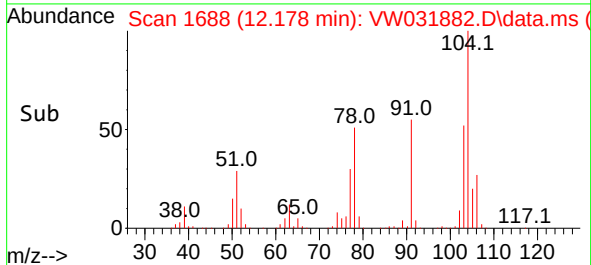
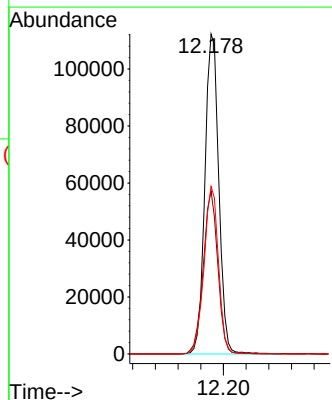
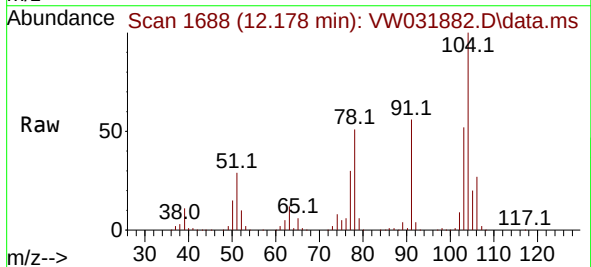
Instrument :
MSVOA_W
ClientSampleId :

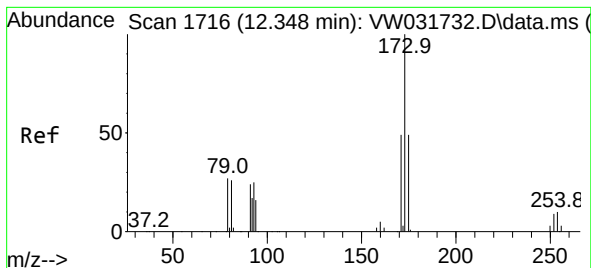
Tgt Ion:106 Resp: 109483
Ion Ratio Lower Upper
106 100
91 221.9 111.5 334.4



#70
Styrene
Concen: 22.060 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion:104 Resp: 191034
Ion Ratio Lower Upper
104 100
78 53.3 42.1 63.1
103 54.6 43.0 64.6





#71

Bromoform

Concen: 19.560 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031882.D

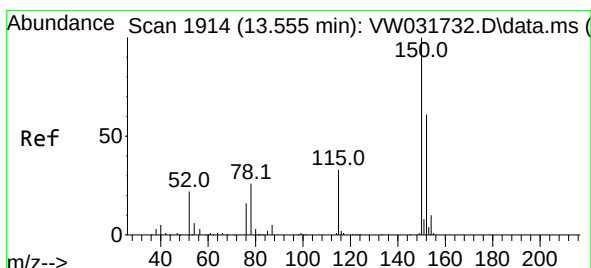
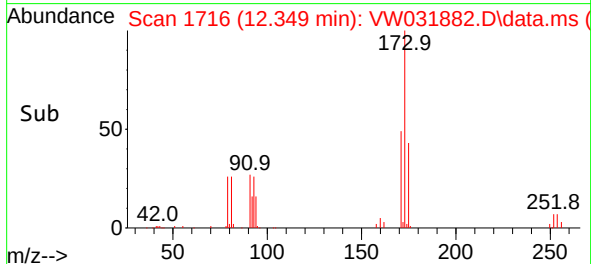
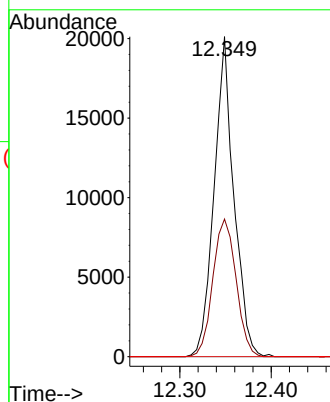
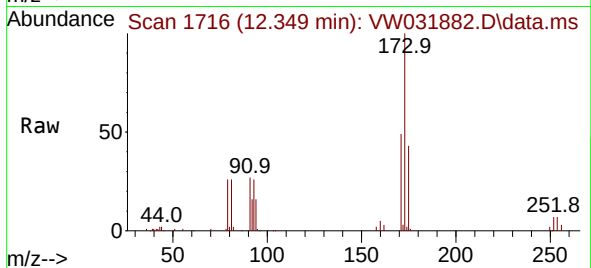
Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173 Resp: 30180
 Ion Ratio Lower Upper
 173 100
 175 50.6 24.0 72.0
 254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

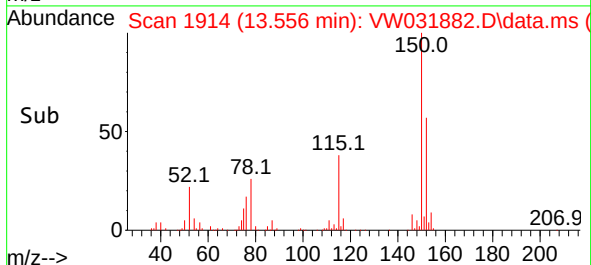
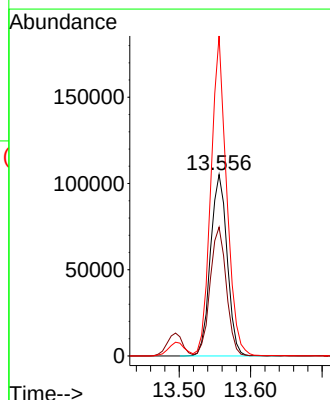
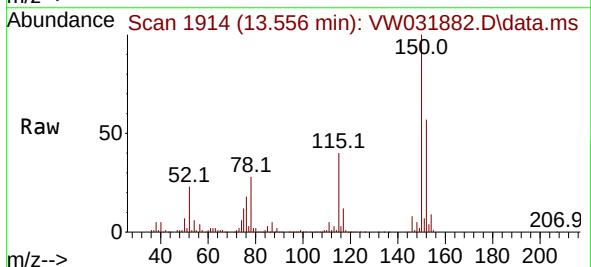
RT: 13.556 min Scan# 1914

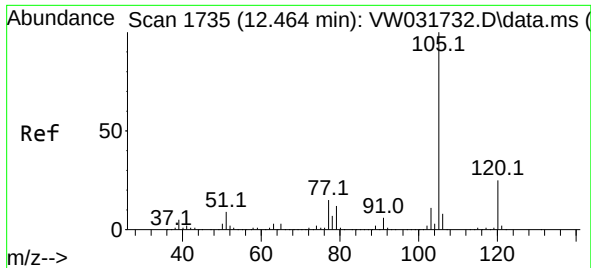
Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Tgt Ion:152 Resp: 170253
 Ion Ratio Lower Upper
 152 100
 115 69.2 31.9 95.7
 150 166.2 0.0 356.4

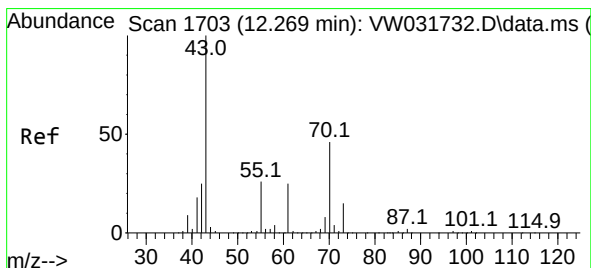
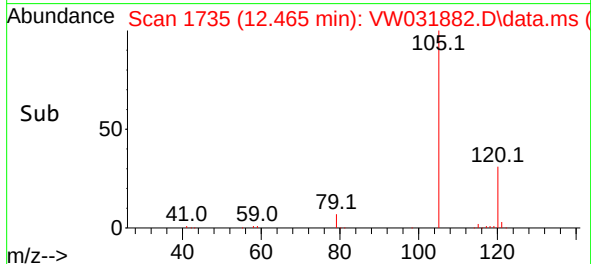
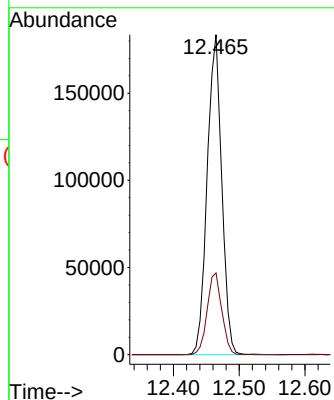
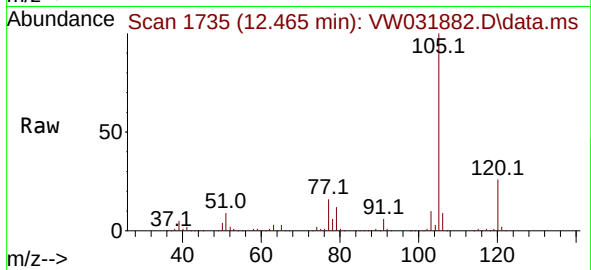




#73
Isopropylbenzene
Concen: 21.803 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

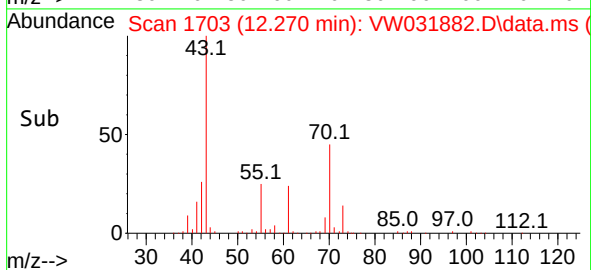
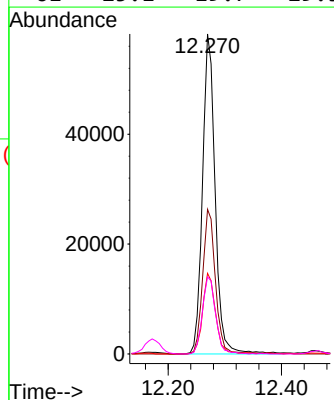
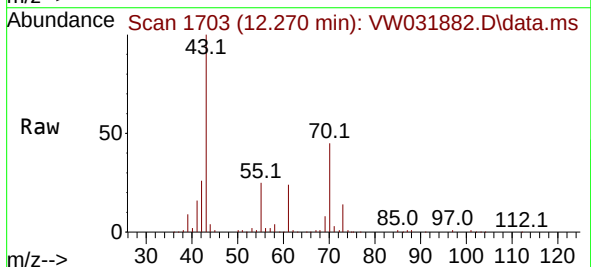
Instrument :
MSVOA_W
ClientSampleId :

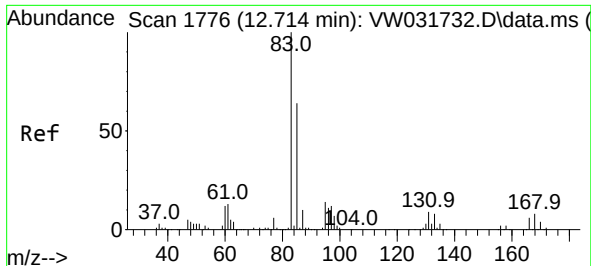
Tgt Ion:105 Resp: 282352
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4



#74
N-ethyl acetate
Concen: 25.813 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 43 Resp: 90101
Ion Ratio Lower Upper
43 100
70 45.2 36.0 54.0
55 25.4 20.8 31.2
61 25.1 19.7 29.5

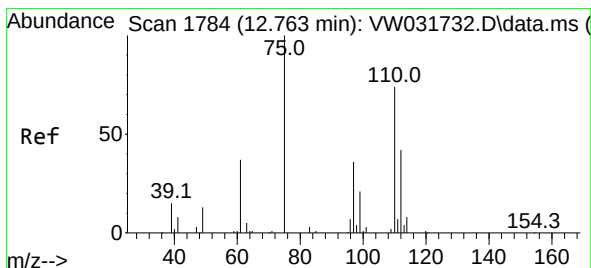
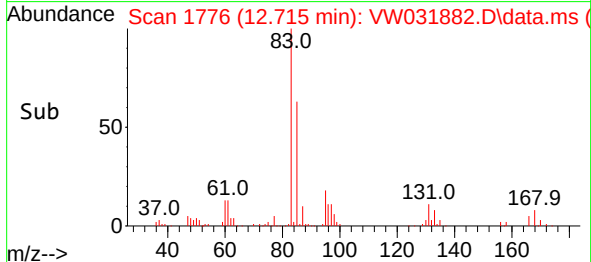
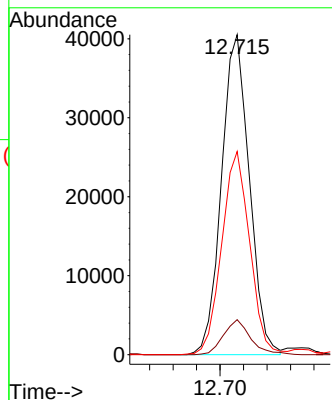
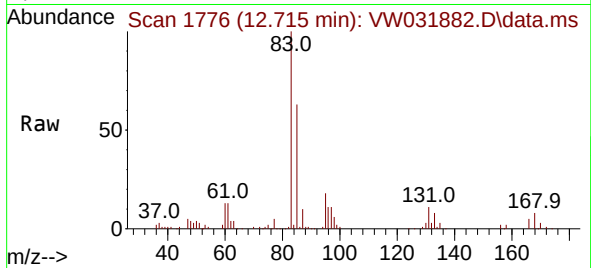




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.196 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

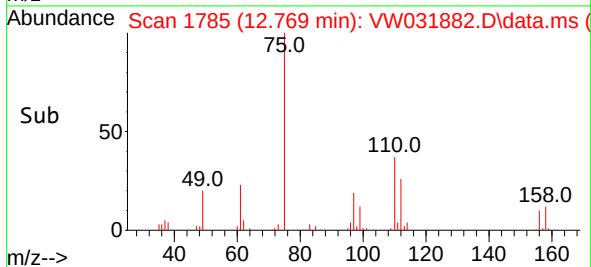
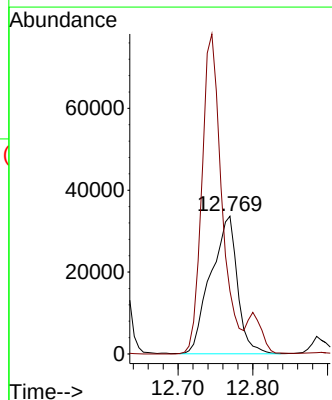
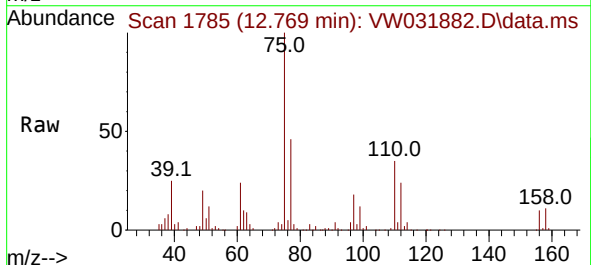
Instrument :
 MSVOA_W
 ClientSampleId :

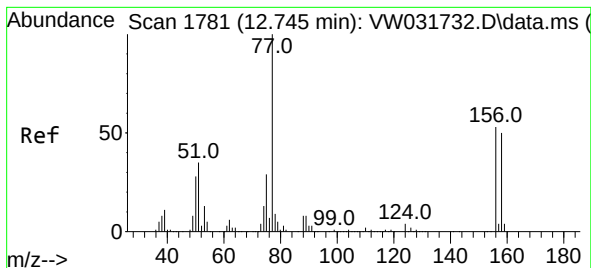
Tgt Ion: 83 Resp: 66690
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 16.1
 85 63.8 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 38.001 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.007 min
 Lab File: VW031882.D
 Acq: 17 Jul 2025 11:51

Tgt Ion: 75 Resp: 83607
 Ion Ratio Lower Upper
 75 100
 77 0.0 141.2 423.6#





#77

Bromobenzene

Concen: 21.649 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

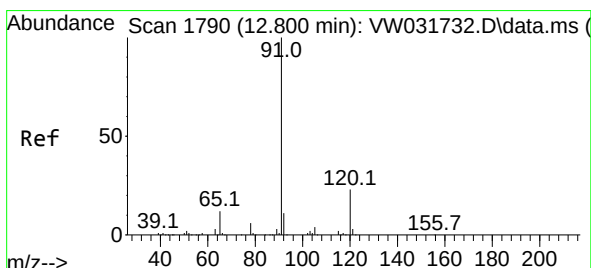
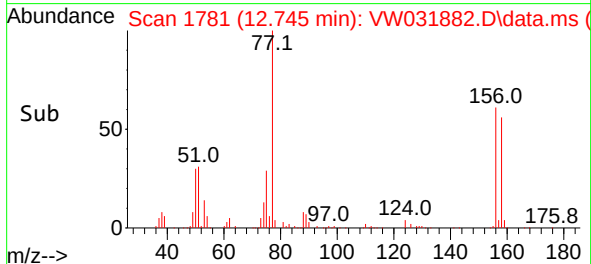
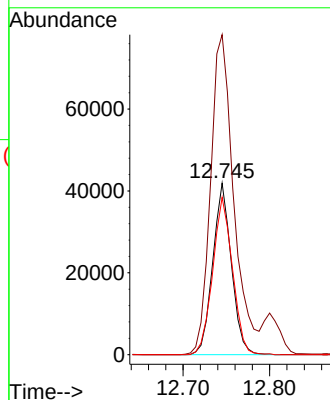
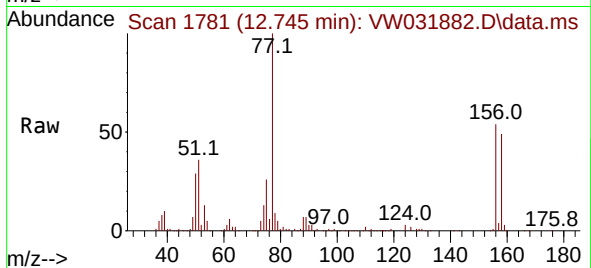
Tgt Ion:156 Resp: 62529

Ion Ratio Lower Upper

156 100

77 232.4 117.9 353.7

158 97.5 52.6 157.8



#78

n-propylbenzene

Concen: 22.602 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031882.D

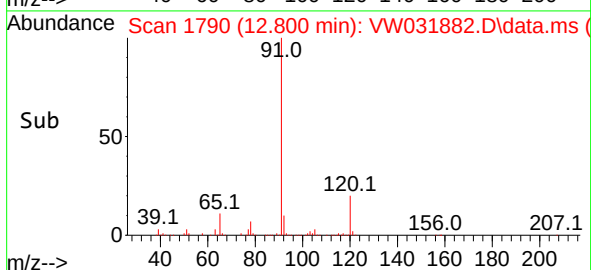
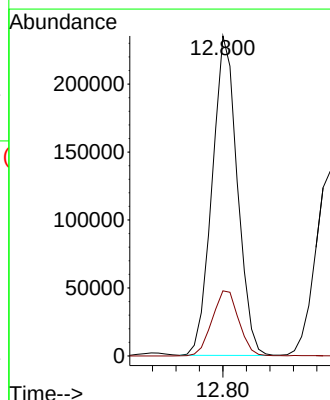
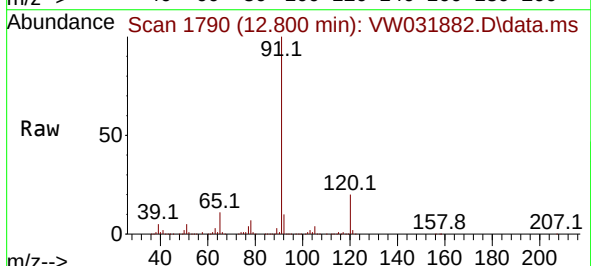
Acq: 17 Jul 2025 11:51

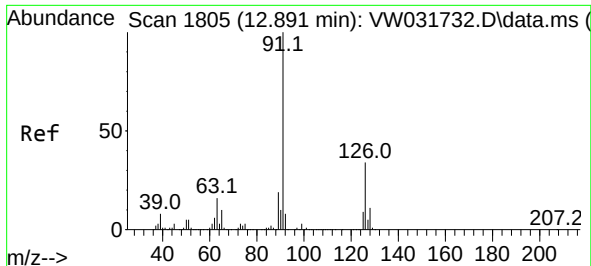
Tgt Ion: 91 Resp: 350510

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4

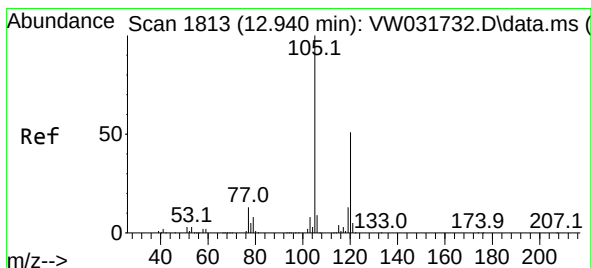
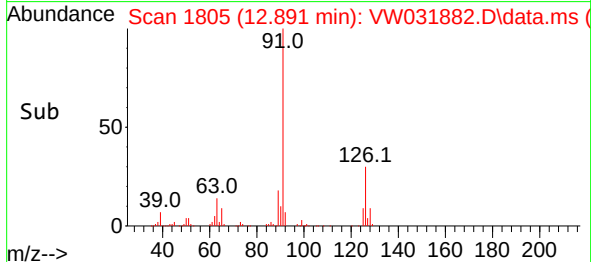
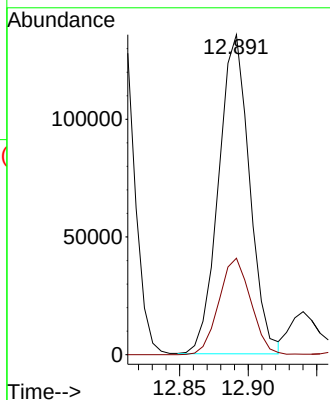
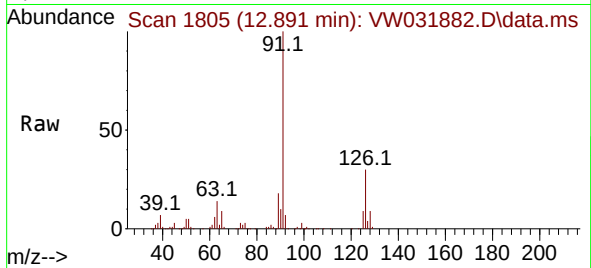




#79
2-Chlorotoluene
Concen: 22.851 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

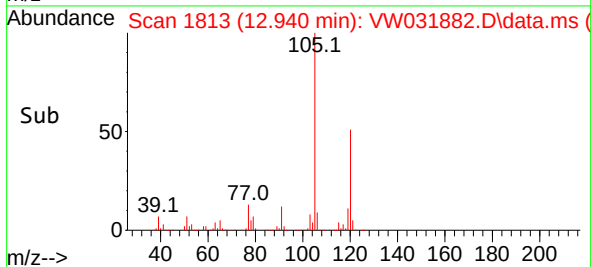
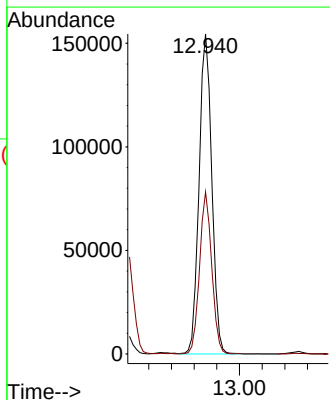
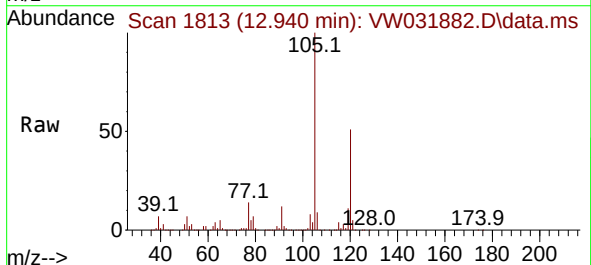
Instrument :
MSVOA_W
ClientSampleId :

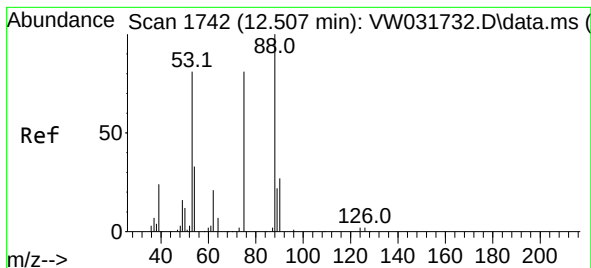
Tgt Ion: 91 Resp: 213392
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 22.470 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 105 Resp: 240871
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.2

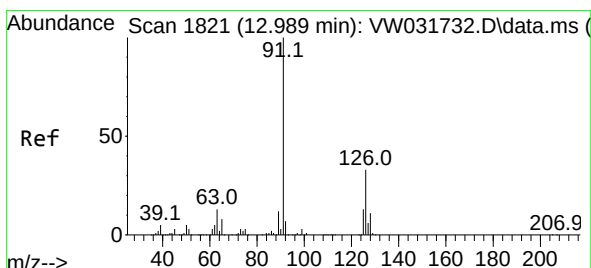
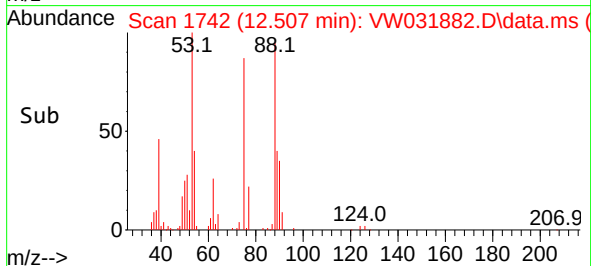
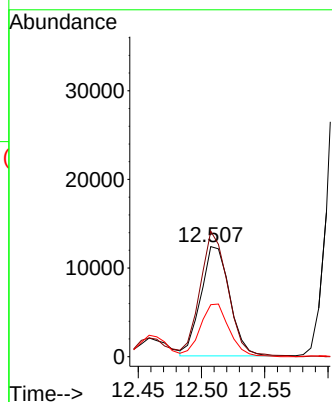
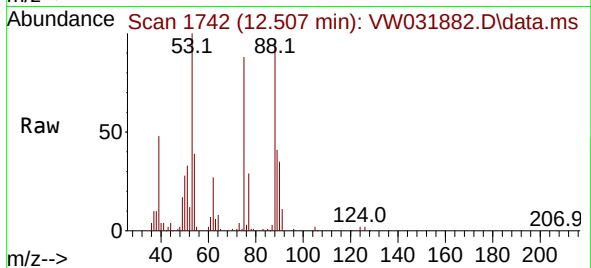




#81
trans-1,4-Dichloro-2-butene
Concen: 20.778 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

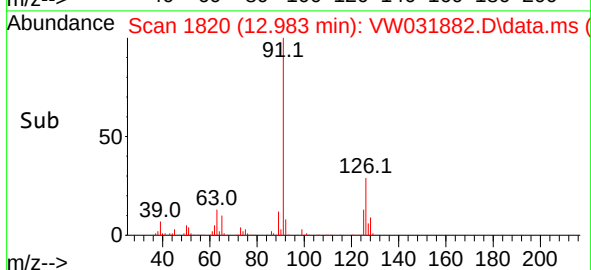
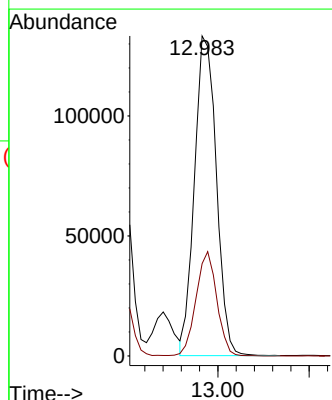
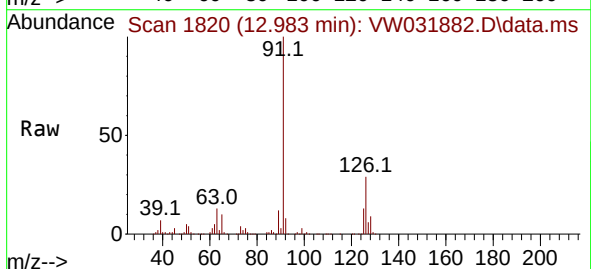
Instrument :
MSVOA_W
ClientSampleId :

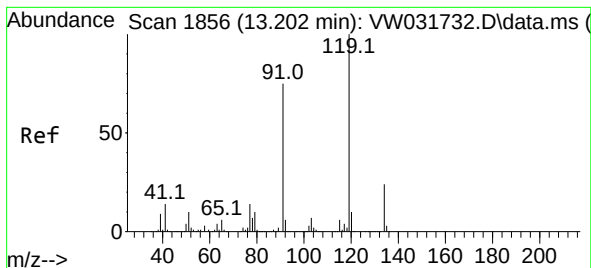
Tgt Ion: 75 Resp: 19627
Ion Ratio Lower Upper
75 100
53 111.0 83.5 125.3
89 48.2 38.3 57.5



#82
4-Chlorotoluene
Concen: 22.575 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 91 Resp: 221327
Ion Ratio Lower Upper
91 100
126 31.1 16.0 47.9

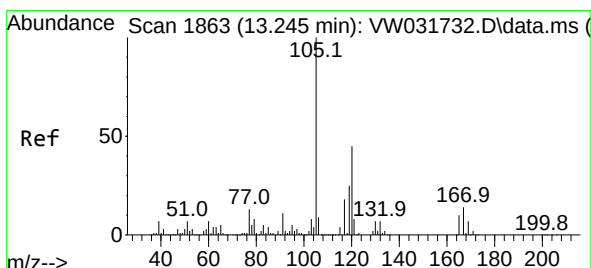
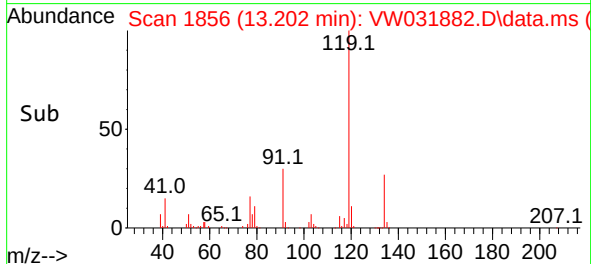
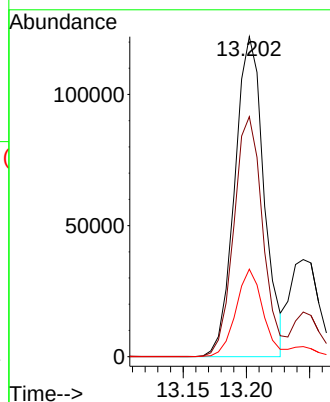
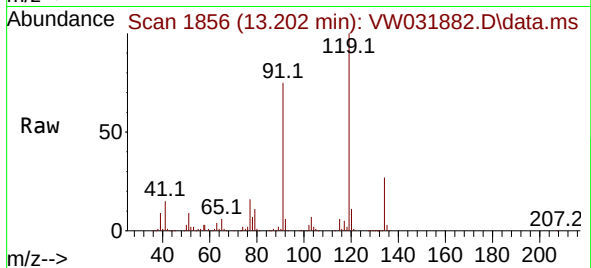




#83
tert-Butylbenzene
Concen: 21.391 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

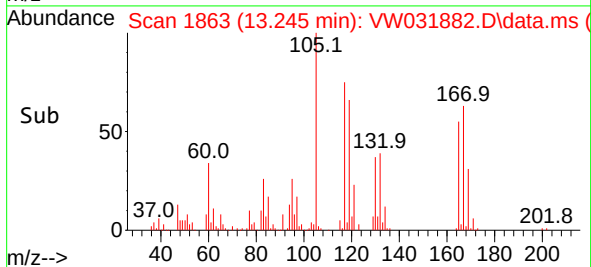
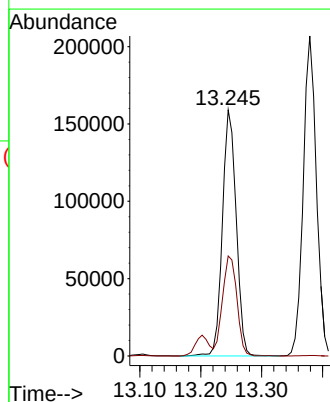
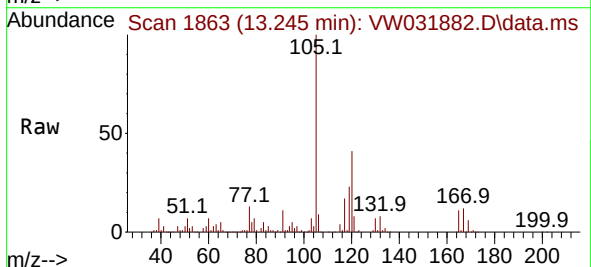
Instrument :
MSVOA_W
ClientSampleId :

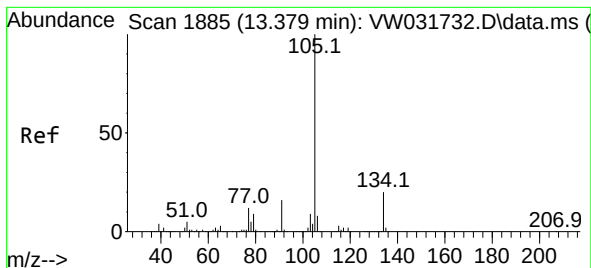
Tgt Ion:119 Resp: 196418
Ion Ratio Lower Upper
119 100
91 74.9 36.0 108.1
134 25.6 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 22.978 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion:105 Resp: 249572
Ion Ratio Lower Upper
105 100
120 42.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 22.511 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

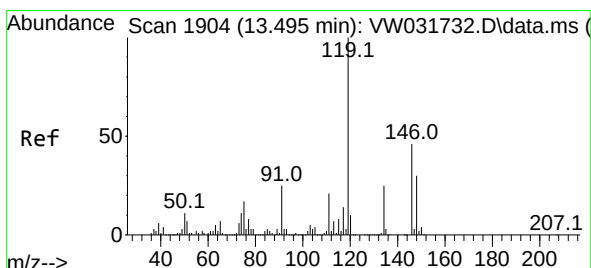
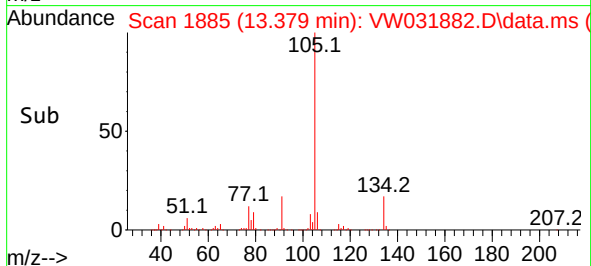
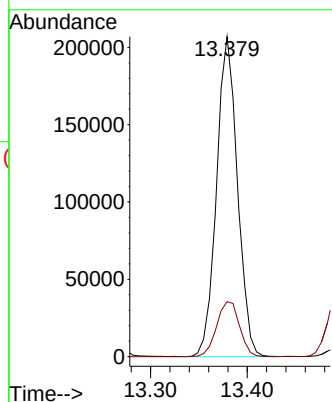
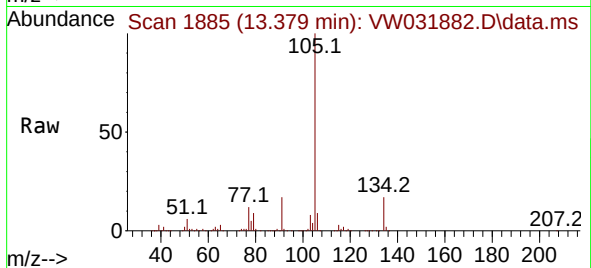
ClientSampleId :

Tgt Ion:105 Resp: 310256

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 22.121 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

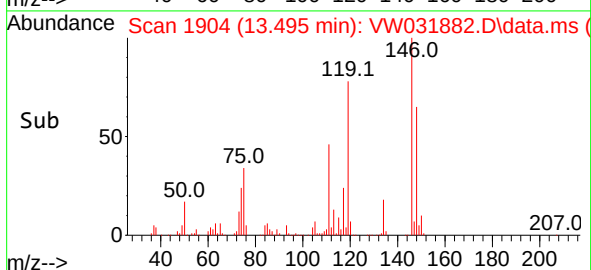
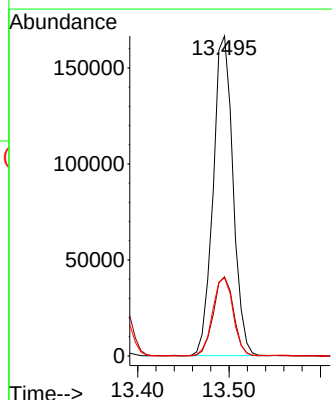
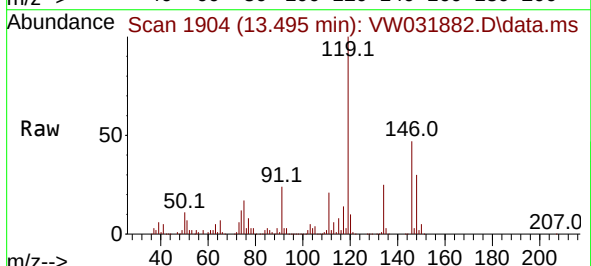
Tgt Ion:119 Resp: 251261

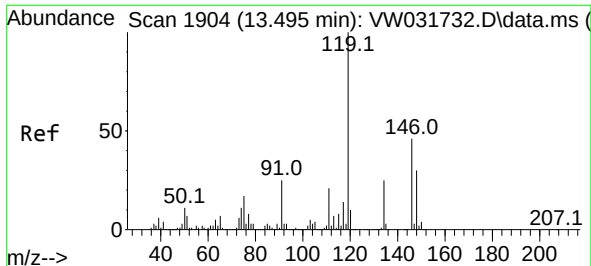
Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 22.206 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

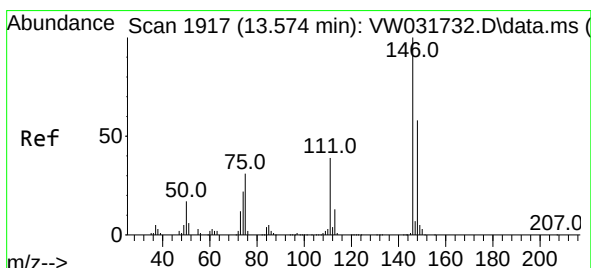
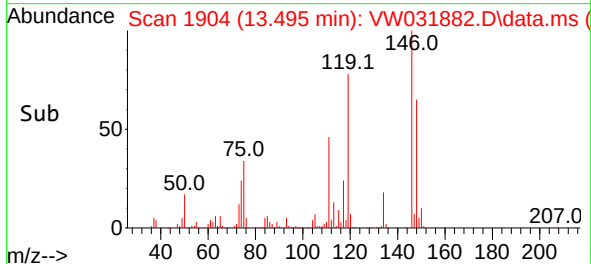
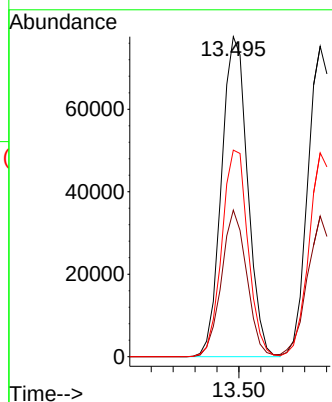
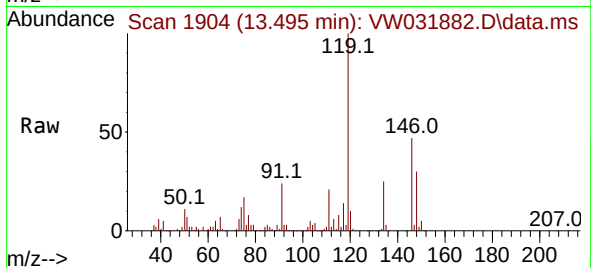
Tgt Ion:146 Resp: 128627

Ion Ratio Lower Upper

146 100

111 44.2 22.3 66.9

148 64.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 21.475 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

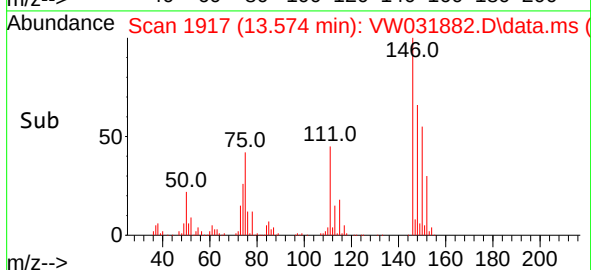
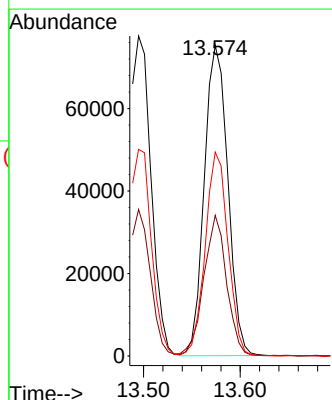
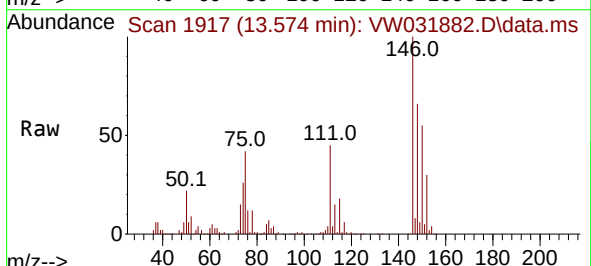
Tgt Ion:146 Resp: 127323

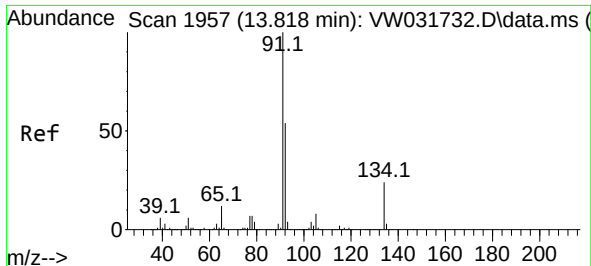
Ion Ratio Lower Upper

146 100

111 44.0 20.4 61.3

148 63.7 30.2 90.6

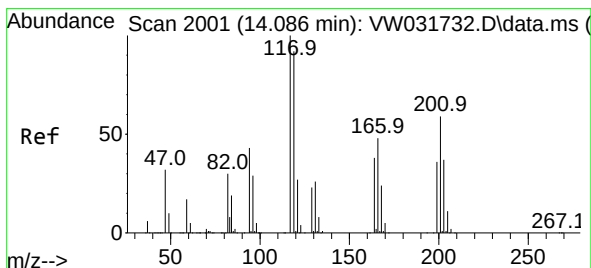
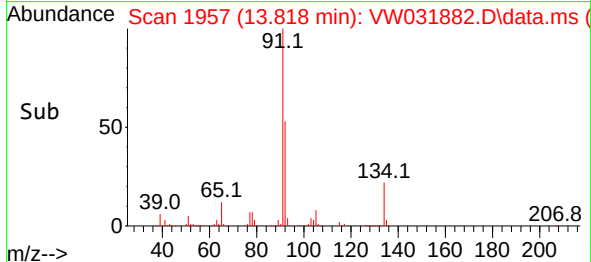
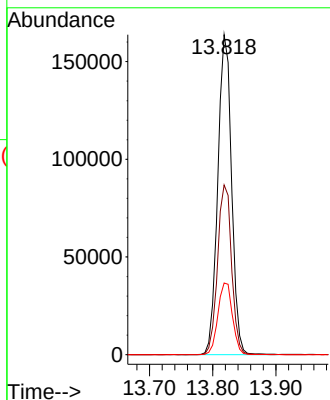
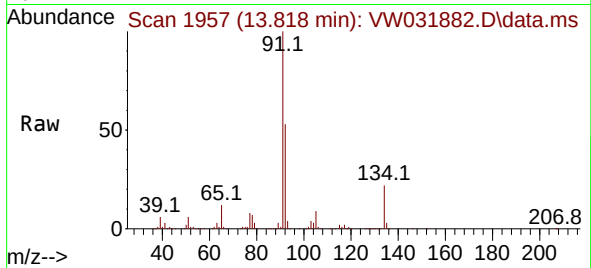




#89
n-Butylbenzene
Concen: 22.326 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

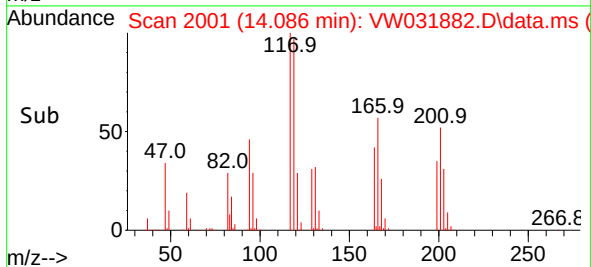
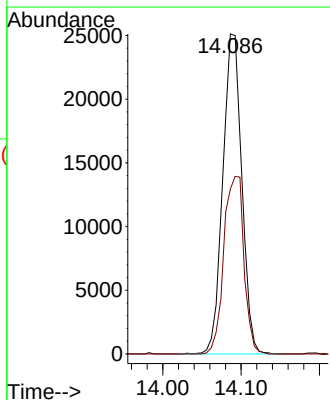
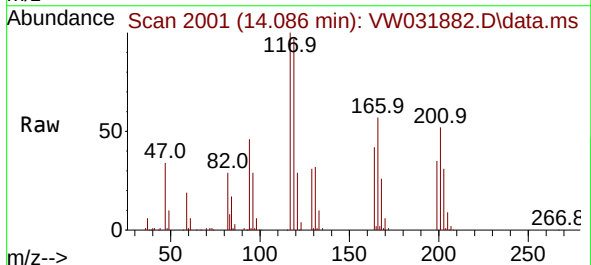
Instrument :
MSVOA_W
ClientSampleId :

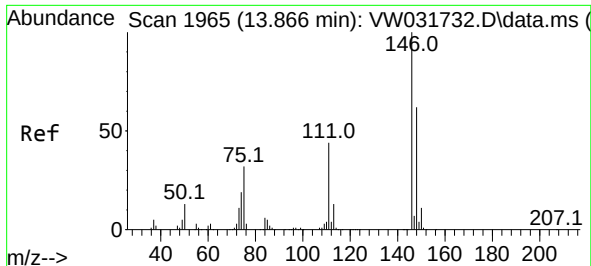
Tgt Ion: 91 Resp: 246392
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.5
134 23.6 12.2 36.6



#90
Hexachloroethane
Concen: 20.693 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 117 Resp: 42404
Ion Ratio Lower Upper
117 100
201 58.5 31.1 93.3

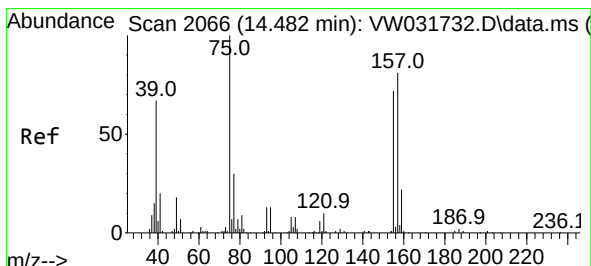
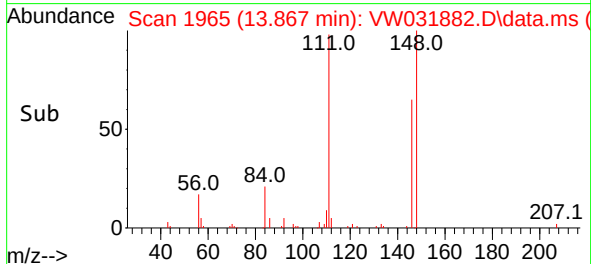
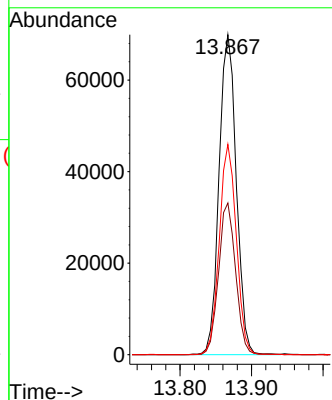
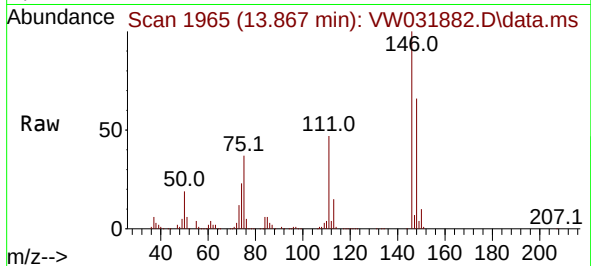




#91
1,2-Dichlorobenzene
Concen: 22.129 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

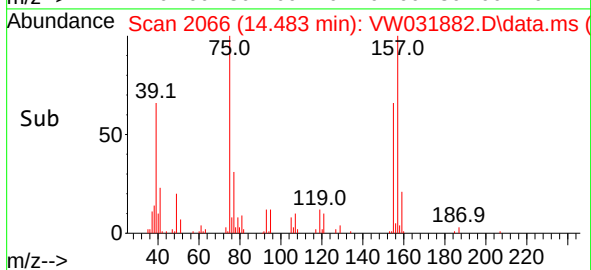
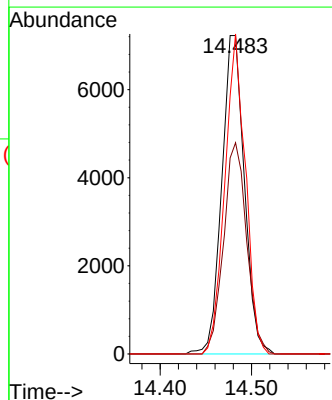
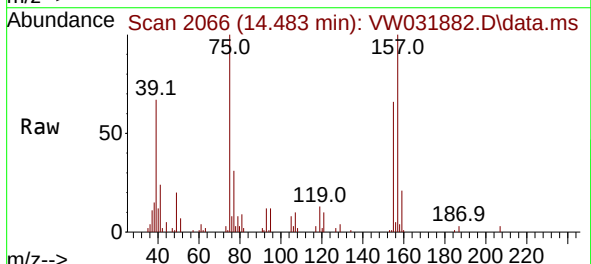
Instrument :
MSVOA_W
ClientSampleId :

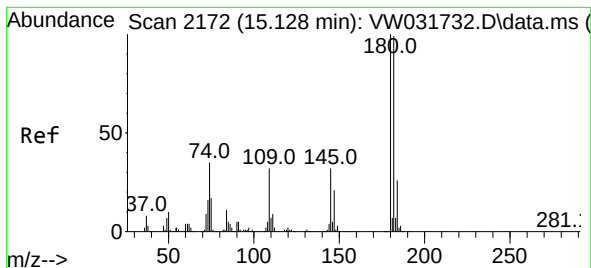
Tgt Ion:146 Resp: 117158
Ion Ratio Lower Upper
146 100
111 47.0 21.7 65.1
148 65.0 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.085 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031882.D
Acq: 17 Jul 2025 11:51

Tgt Ion: 75 Resp: 12398
Ion Ratio Lower Upper
75 100
155 67.9 37.2 111.6
157 91.6 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.943 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

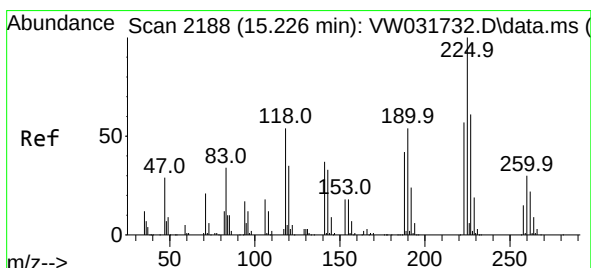
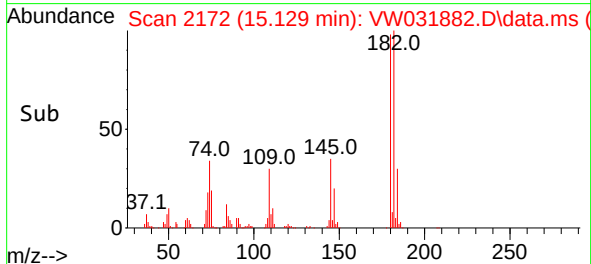
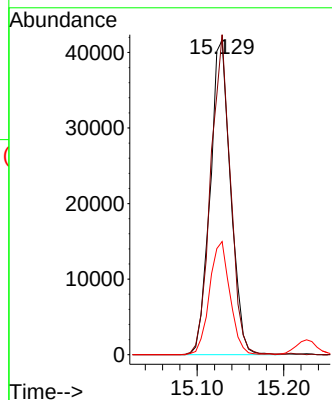
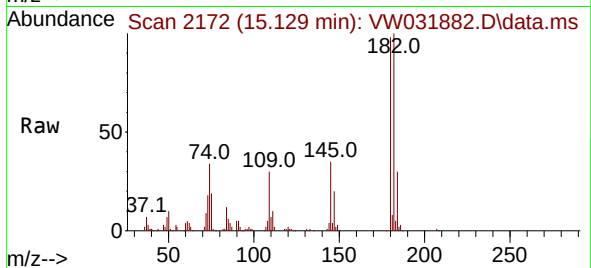
Tgt Ion:180 Resp: 68381

Ion Ratio Lower Upper

180 100

182 97.7 48.6 145.9

145 36.0 17.3 51.7



#94

Hexachlorobutadiene

Concen: 19.216 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

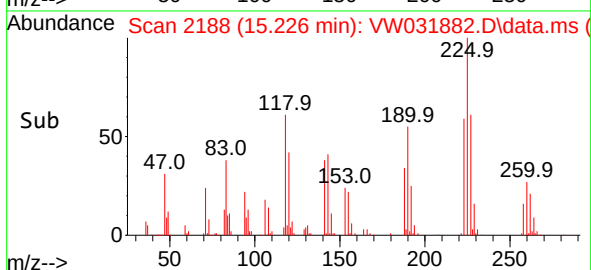
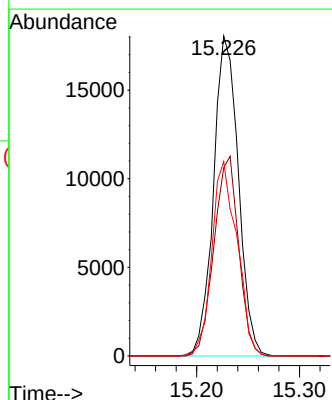
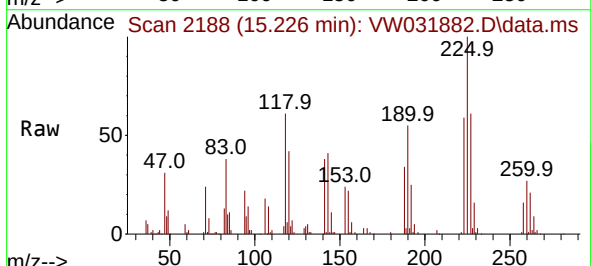
Tgt Ion:225 Resp: 30297

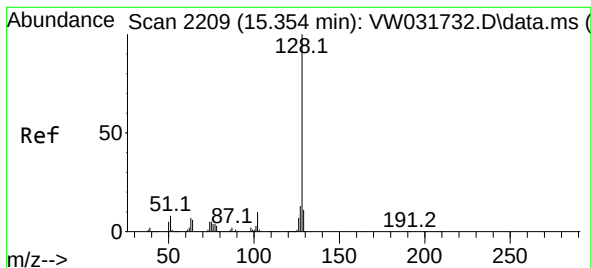
Ion Ratio Lower Upper

225 100

223 62.0 32.6 97.8

227 61.4 37.3 111.8





#95

Naphthalene

Concen: 23.612 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.007 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

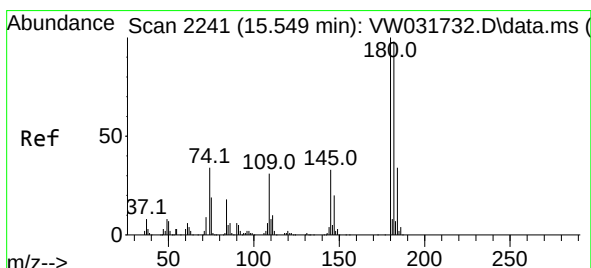
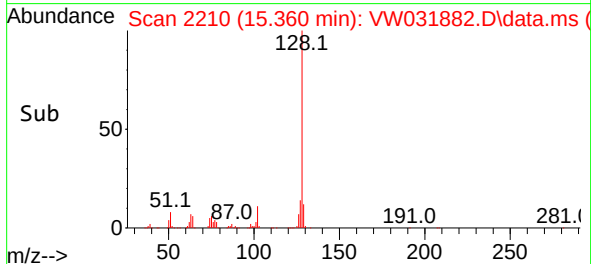
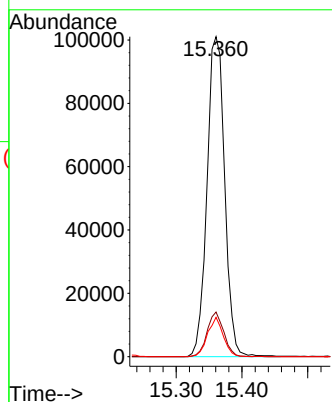
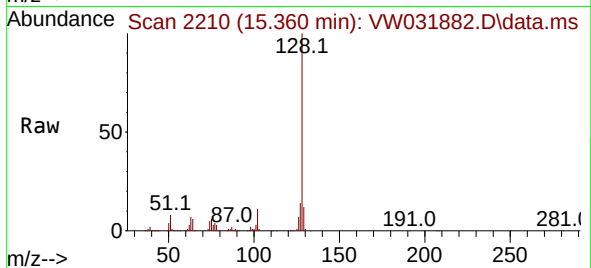
Tgt Ion:128 Resp: 189006

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.901 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031882.D

Acq: 17 Jul 2025 11:51

Tgt Ion:180 Resp: 59707

Ion Ratio Lower Upper

180 100

182 97.0 46.4 139.1

145 41.4 17.8 53.3

