

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031838.D
 Acq On : 14 Jul 2025 10:14
 Operator : SY/MD
 Sample : VW0714SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBS01

Quant Time: Jul 15 02:39:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	217952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	419177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	378051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168287	53.803	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 107.600%	
35) Dibromofluoromethane	7.898	113	135758	49.632	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.260%	
50) Toluene-d8	10.325	98	523647	51.443	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.880%	
62) 4-Bromofluorobenzene	12.617	95	195906	52.298	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	27886	18.787	ug/l	98
3) Chloromethane	2.259	50	35130	19.631	ug/l	98
4) Vinyl Chloride	2.405	62	48367	20.563	ug/l	96
5) Bromomethane	2.826	94	37087	20.187	ug/l	97
6) Chloroethane	2.978	64	32246	20.183	ug/l	99
7) Trichlorofluoromethane	3.308	101	35827	16.772	ug/l	89
8) Diethyl Ether	3.722	74	34493	21.250	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.112	101	46137	19.459	ug/l	98
10) Methyl Iodide	4.314	142	74062	20.262	ug/l	99
11) Tert butyl alcohol	5.222	59	17708	91.382	ug/l	98
12) 1,1-Dichloroethene	4.082	96	53161	20.470	ug/l	96
13) Acrolein	3.936	56	25657	73.666	ug/l	96
14) Allyl chloride	4.704	41	85131	21.365	ug/l	98
15) Acrylonitrile	5.405	53	79618	99.746	ug/l	98
16) Acetone	4.167	43	67311	87.065	ug/l	98
17) Carbon Disulfide	4.417	76	129954	18.700	ug/l	98
18) Methyl Acetate	4.704	43	41025	18.567	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	100300	22.754	ug/l	99
20) Methylene Chloride	4.954	84	82155	24.047	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	59787	21.666	ug/l	94
22) Diisopropyl ether	6.338	45	180883	23.276	ug/l	98
23) Vinyl Acetate	6.283	43	575226	108.368	ug/l	98
24) 1,1-Dichloroethane	6.246	63	111909	22.212	ug/l	98
25) 2-Butanone	7.197	43	96881	96.323	ug/l	98
26) 2,2-Dichloropropane	7.191	77	58709	19.972	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	70817	22.325	ug/l	100
28) Bromochloromethane	7.533	49	48752	21.927	ug/l	100
29) Tetrahydrofuran	7.557	42	67445	97.917	ug/l	99
30) Chloroform	7.691	83	121573	22.708	ug/l	93
31) Cyclohexane	7.971	56	87883	19.733	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	85467	20.716	ug/l	98
36) 1,1-Dichloropropene	8.093	75	80692	20.386	ug/l	99
37) Ethyl Acetate	7.276	43	48330	19.356	ug/l	99
38) Carbon Tetrachloride	8.087	117	72347	17.937	ug/l	96
39) Methylcyclohexane	9.343	83	90567	18.391	ug/l	100
40) Benzene	8.337	78	245256	20.943	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	25451	19.028	ug/l	92
42) 1,2-Dichloroethane	8.410	62	80807	20.422	ug/l	100
43) Isopropyl Acetate	8.435	43	81753	18.994	ug/l	97
44) Trichloroethene	9.099	130	59908	20.496	ug/l	99
45) 1,2-Dichloropropane	9.374	63	60430	21.351	ug/l	99
46) Dibromomethane	9.465	93	37053	20.278	ug/l	97
47) Bromodichloromethane	9.654	83	89016	20.775	ug/l	100
48) Methyl methacrylate	9.441	41	39807	18.809	ug/l	97
49) 1,4-Dioxane	9.465	88	7132	333.258	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	234264	94.673	ug/l	99
52) Toluene	10.392	92	160699	21.433	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	82105	20.423	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	95843	21.030	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	49673	20.753	ug/l	95
56) Ethyl methacrylate	10.648	69	67972	20.932	ug/l	96
57) 1,3-Dichloropropane	10.934	76	87785	20.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	179746	100.524	ug/l	99
59) 2-Hexanone	10.971	43	160456	95.692	ug/l	99
60) Dibromochloromethane	11.129	129	57188	19.980	ug/l	97
61) 1,2-Dibromoethane	11.239	107	46829	19.544	ug/l	98
64) Tetrachloroethene	10.867	164	43730	17.684	ug/l	93
65) Chlorobenzene	11.654	112	169717	20.347	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	54487	20.499	ug/l	100
67) Ethyl Benzene	11.733	91	300085	20.747	ug/l	99
68) m/p-Xylenes	11.843	106	231057	41.556	ug/l	100
69) o-Xylene	12.166	106	109337	21.238	ug/l	99
70) Styrene	12.178	104	191458	21.513	ug/l	99
71) Bromoform	12.349	173	29021	18.302	ug/l #	100
73) Isopropylbenzene	12.465	105	275112	21.030	ug/l	99
74) N-amyl acetate	12.269	43	74524	21.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	60325	20.771	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	77136	34.708	ug/l #	1
77) Bromobenzene	12.745	156	64951	22.261	ug/l	88
78) n-propylbenzene	12.800	91	343558	21.932	ug/l	98
79) 2-Chlorotoluene	12.891	91	208461	22.099	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	246277	22.744	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	17902	18.762	ug/l	93
82) 4-Chlorotoluene	12.983	91	221618	22.378	ug/l	98
83) tert-Butylbenzene	13.202	119	198157	21.364	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	253100	23.069	ug/l	96
85) sec-Butylbenzene	13.379	105	300477	21.583	ug/l	100
86) p-Isopropyltoluene	13.495	119	259099	22.582	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	119680	20.454	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	129229	21.578	ug/l	95
89) n-Butylbenzene	13.818	91	240051	21.533	ug/l	99
90) Hexachloroethane	14.086	117	42673	20.615	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	115441	21.586	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	10337	18.229	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	68117	20.653	ug/l	98
94) Hexachlorobutadiene	15.226	225	30212	18.970	ug/l	90
95) Naphthalene	15.360	128	165126	20.421	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	62893	20.753	ug/l	100

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QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

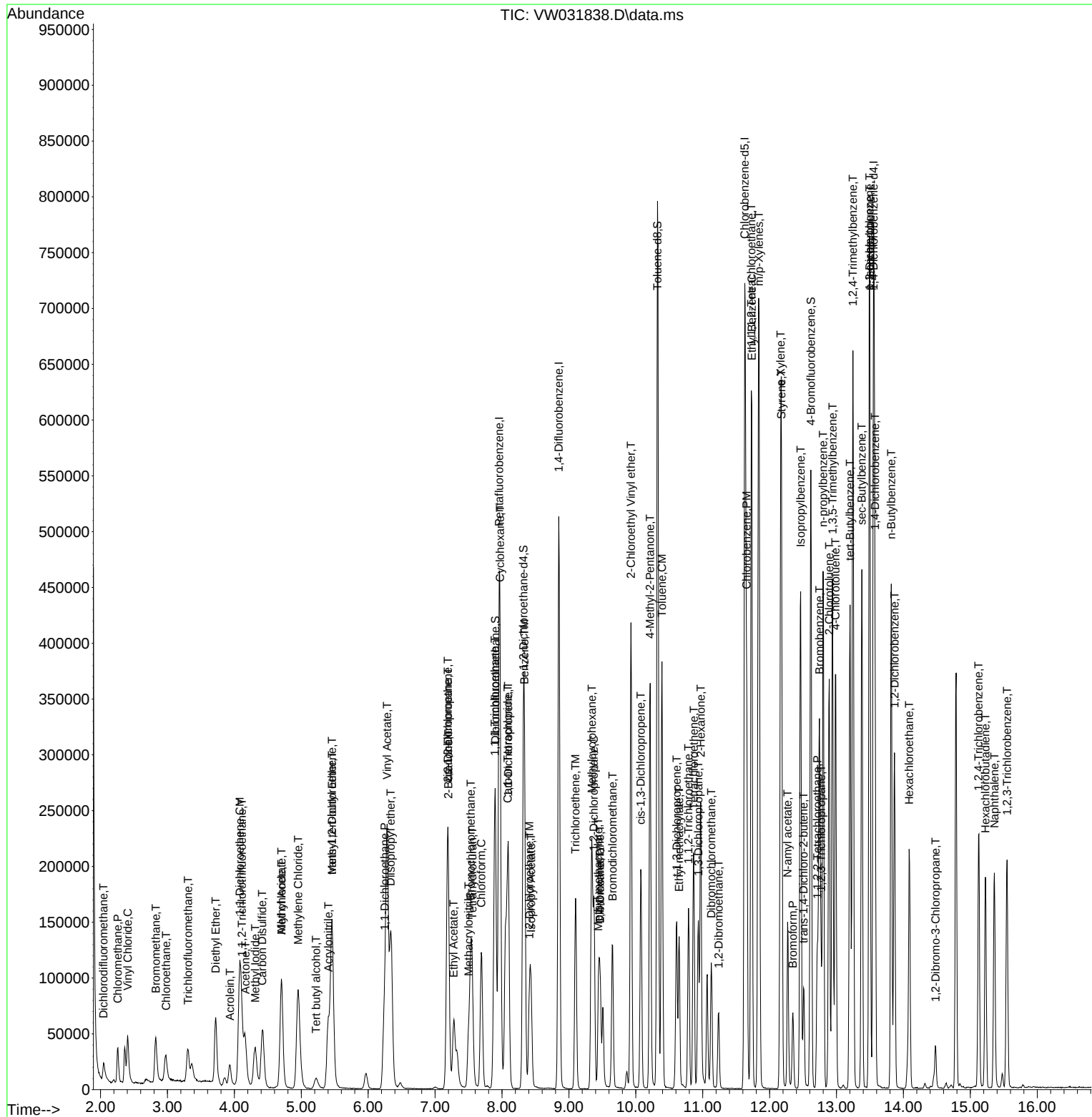
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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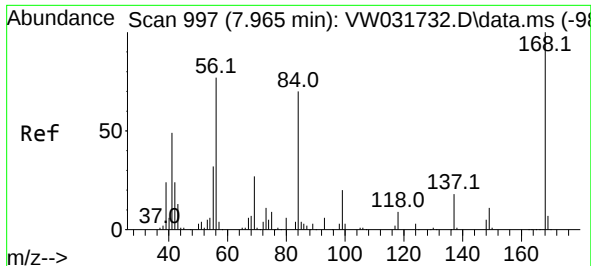
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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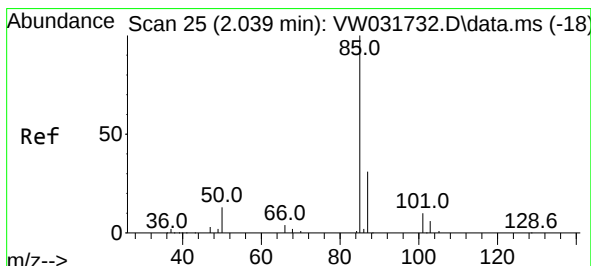
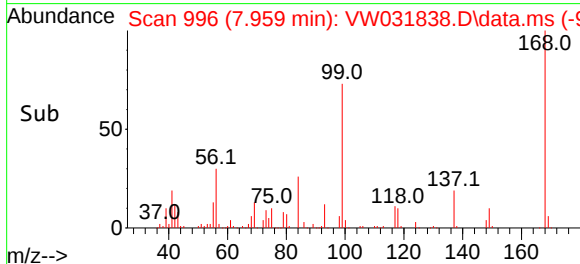
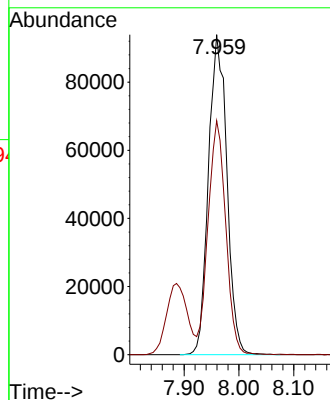
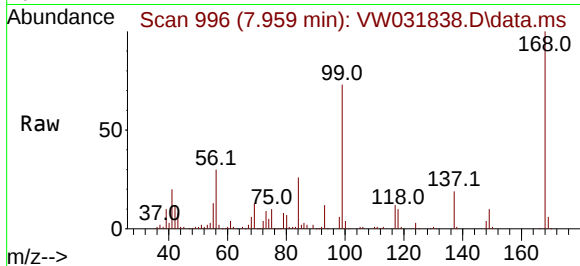




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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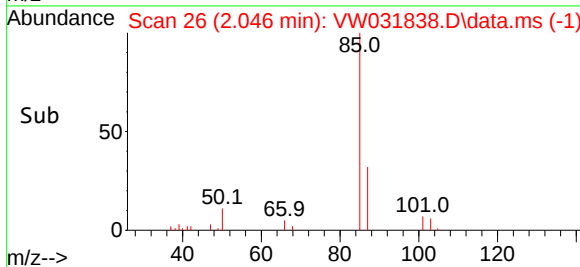
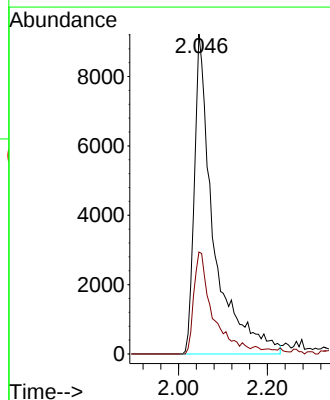
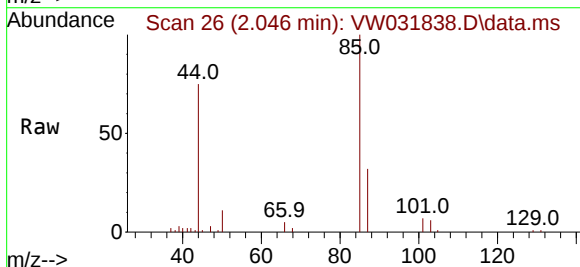
Instrument :
MSVOA_W
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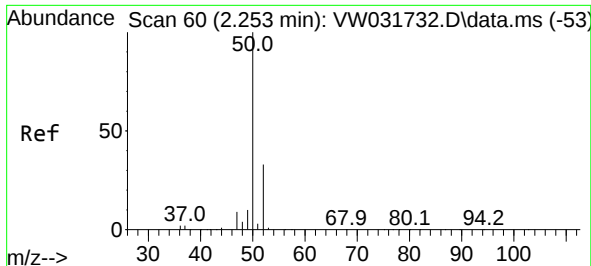
Tgt Ion:168 Resp: 217952
Ion Ratio Lower Upper
168 100
99 73.0 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 18.787 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 85 Resp: 27886
Ion Ratio Lower Upper
85 100
87 31.9 15.4 46.2

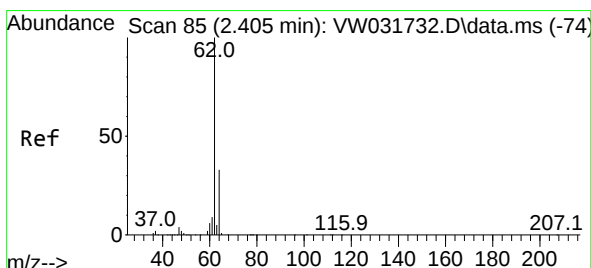
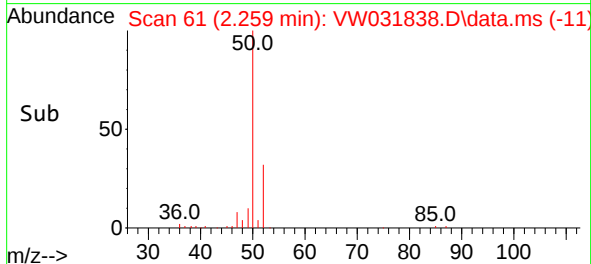
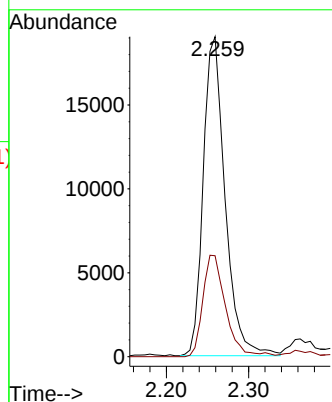
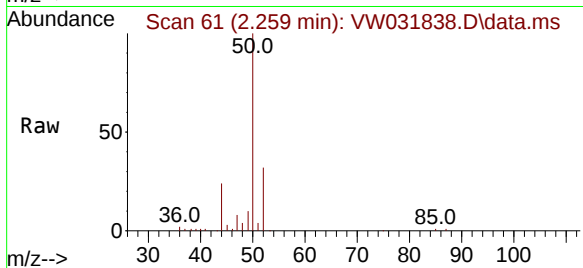




#3
Chloromethane
Concen: 19.631 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

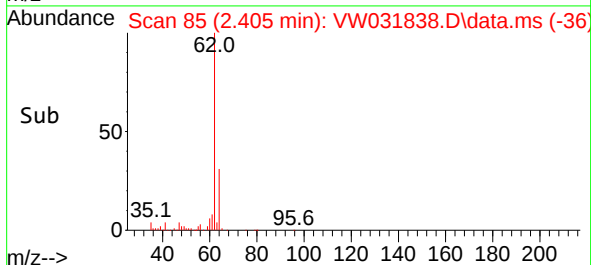
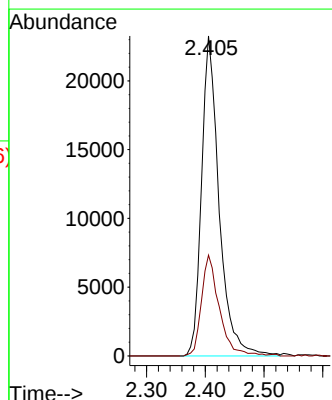
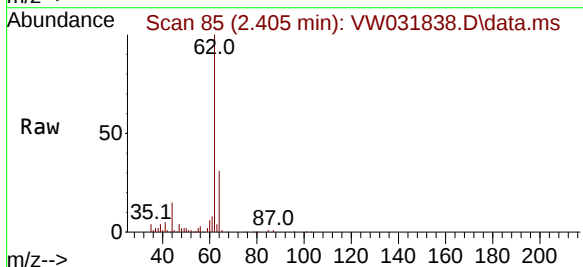
Instrument :
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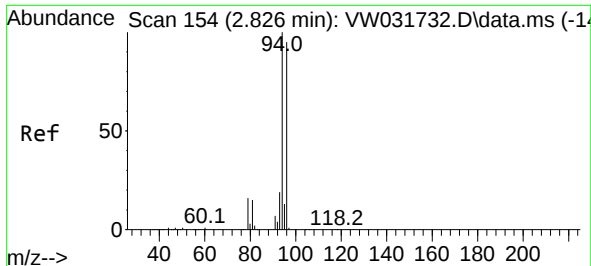
Tgt Ion: 50 Resp: 35130
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#4
Vinyl Chloride
Concen: 20.563 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 62 Resp: 48367
Ion Ratio Lower Upper
62 100
64 31.5 26.8 40.2

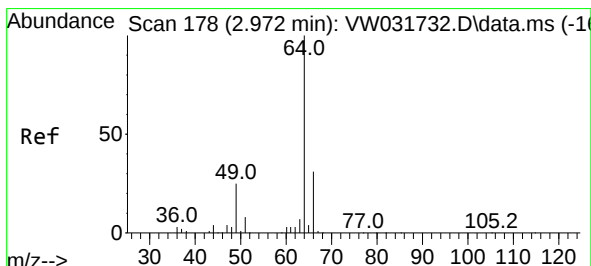
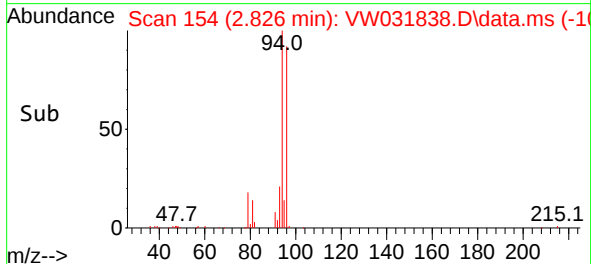
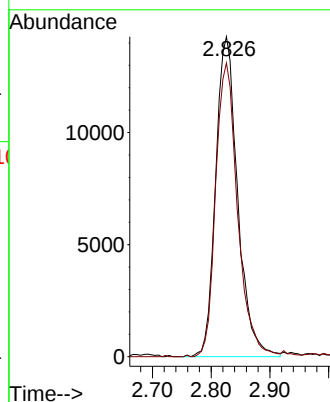
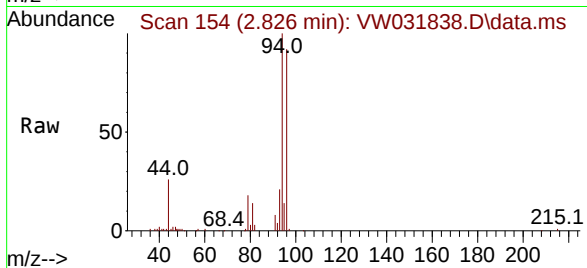




#5
Bromomethane
Concen: 20.187 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031838.D
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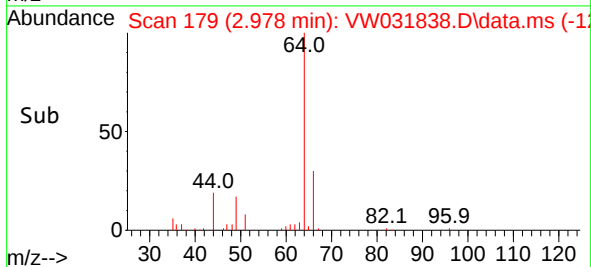
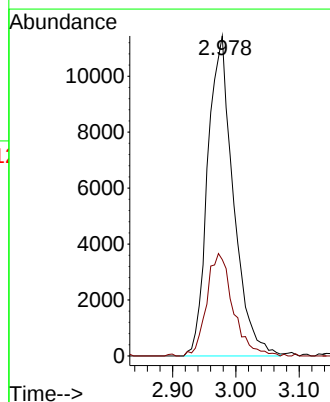
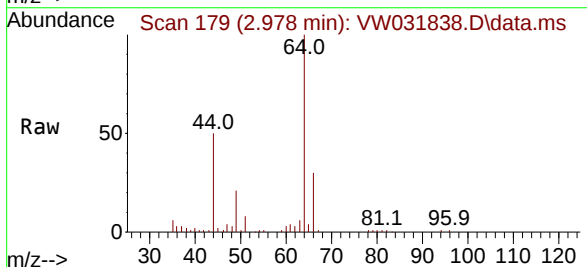
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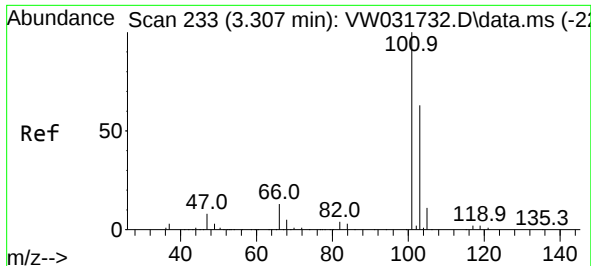
Tgt Ion: 94 Resp: 37087
Ion Ratio Lower Upper
94 100
96 91.8 75.6 113.4



#6
Chloroethane
Concen: 20.183 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW031838.D
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Tgt Ion: 64 Resp: 32246
Ion Ratio Lower Upper
64 100
66 30.1 24.5 36.7

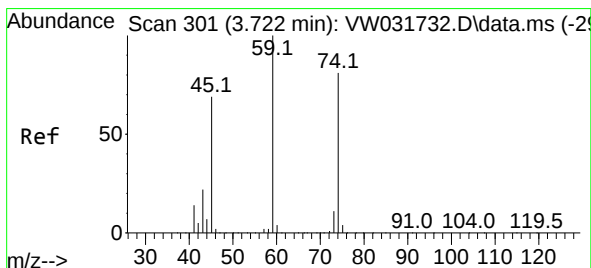
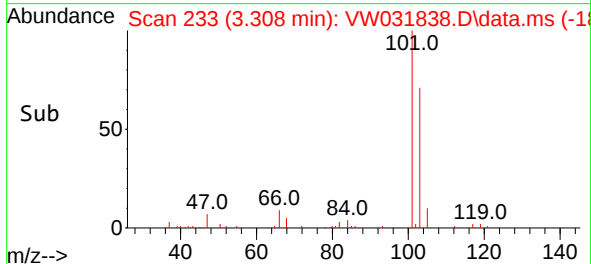
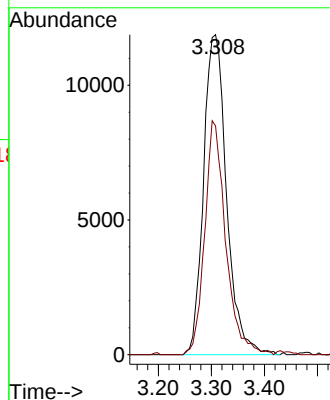
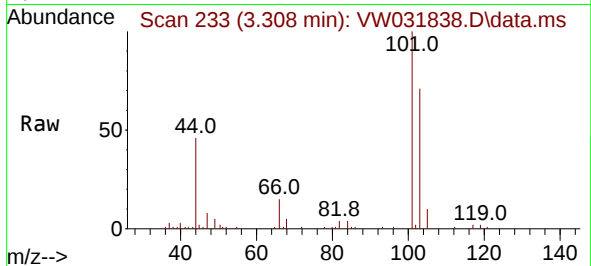




#7
 Trichlorofluoromethane
 Concen: 16.772 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031838.D
 Acq: 14 Jul 2025 10:14

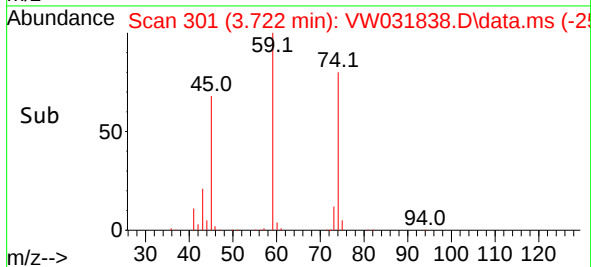
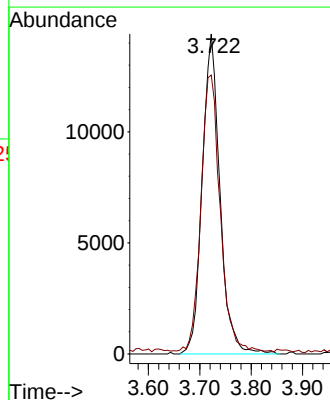
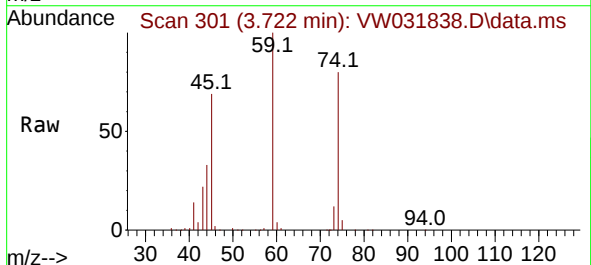
Instrument :
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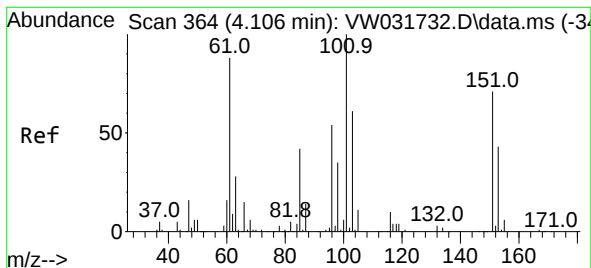
Tgt Ion:101 Resp: 35827
 Ion Ratio Lower Upper
 101 100
 103 71.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 21.250 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031838.D
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Tgt Ion: 74 Resp: 34493
 Ion Ratio Lower Upper
 74 100
 45 92.3 43.9 131.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.459 ug/l

RT: 4.112 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW031838.D

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Instrument :

MSVOA_W

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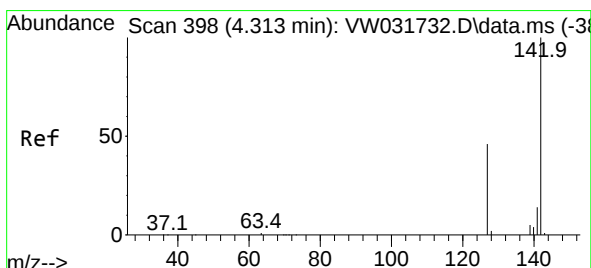
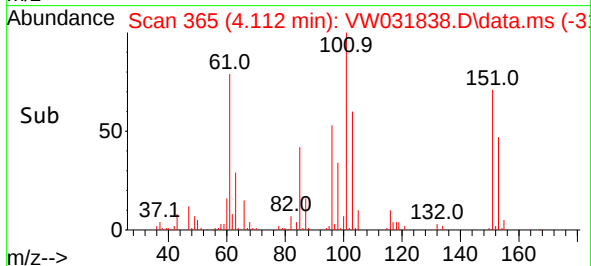
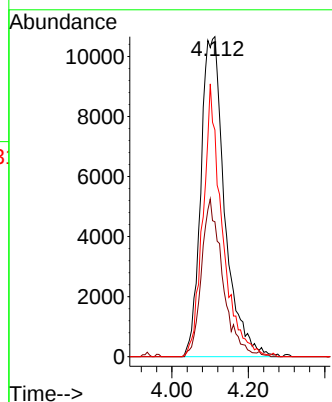
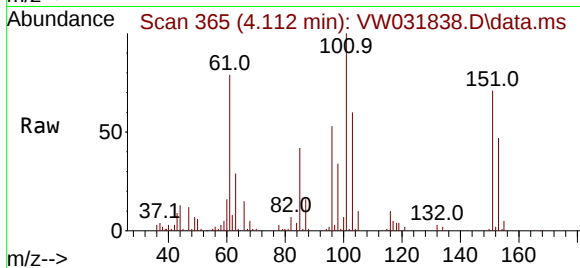
Tgt Ion:101 Resp: 46137

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

151 68.9 56.8 85.2



#10

Methyl Iodide

Concen: 20.262 ug/l

RT: 4.314 min Scan# 398

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

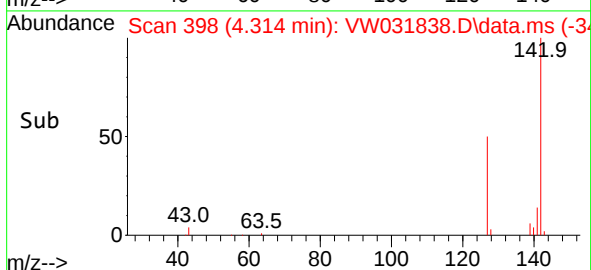
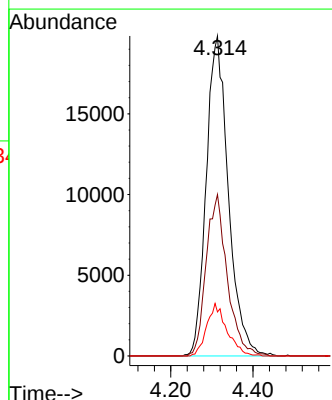
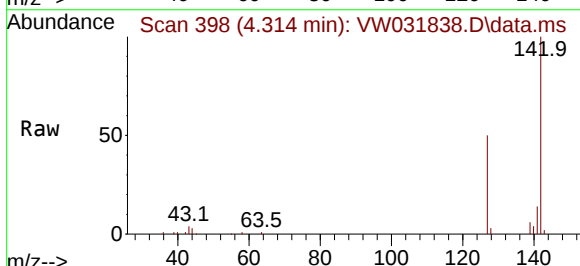
Tgt Ion:142 Resp: 74062

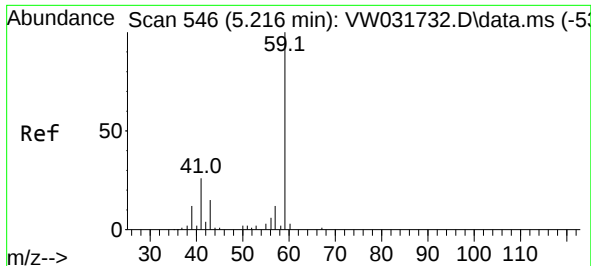
Ion Ratio Lower Upper

142 100

127 48.1 37.9 56.9

141 15.0 11.7 17.5

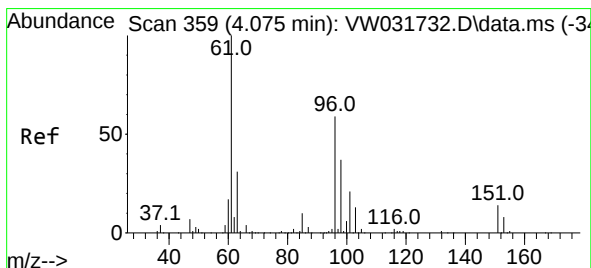
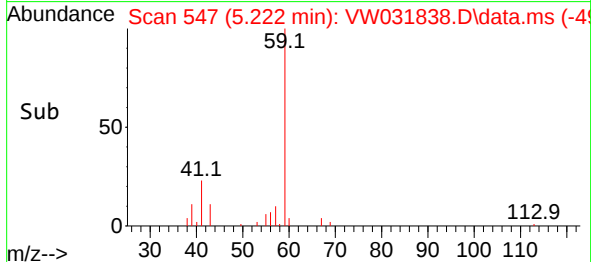
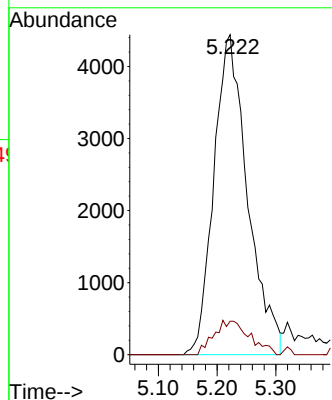
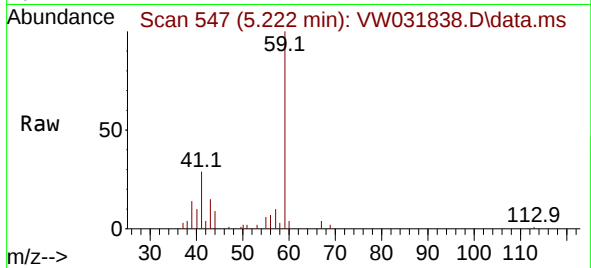




#11
Tert butyl alcohol
Concen: 91.382 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

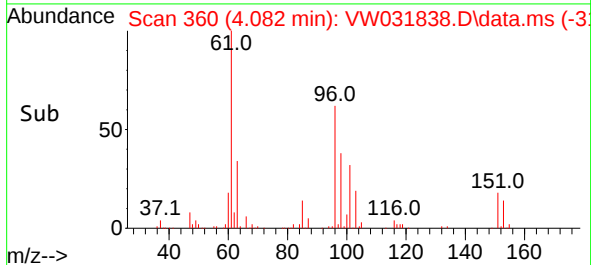
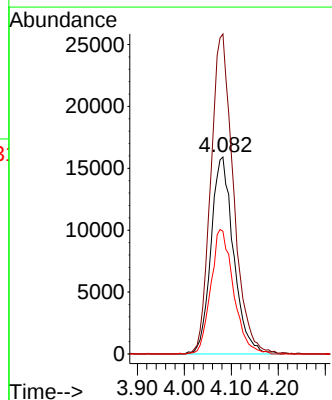
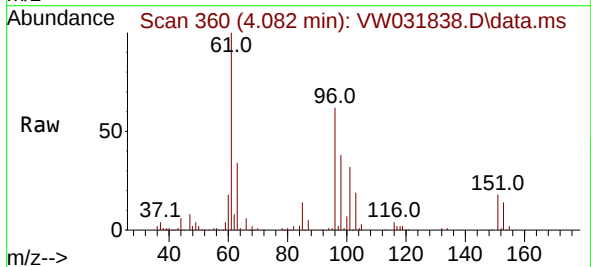
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

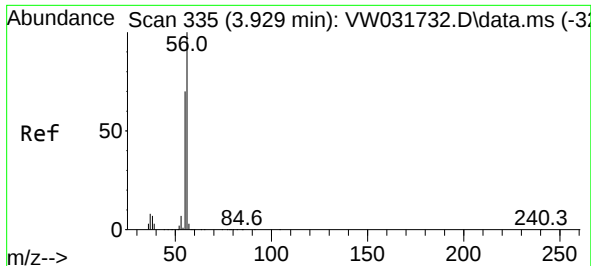
Tgt Ion: 59 Resp: 17708
Ion Ratio Lower Upper
59 100
57 11.3 9.5 14.3



#12
1,1-Dichloroethene
Concen: 20.470 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 96 Resp: 53161
Ion Ratio Lower Upper
96 100
61 162.4 135.8 203.8
98 62.3 50.4 75.6

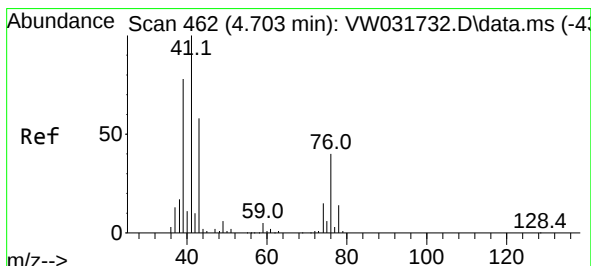
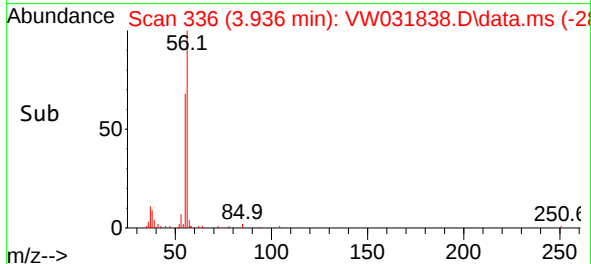
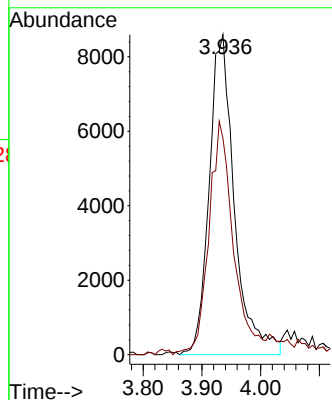
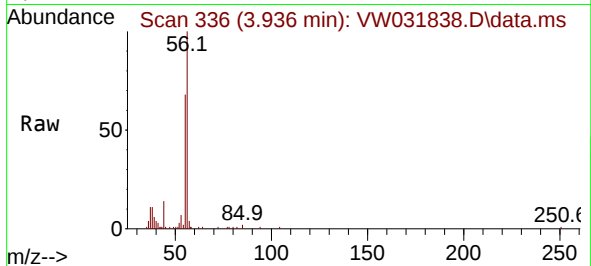




#13
Acrolein
Concen: 73.666 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

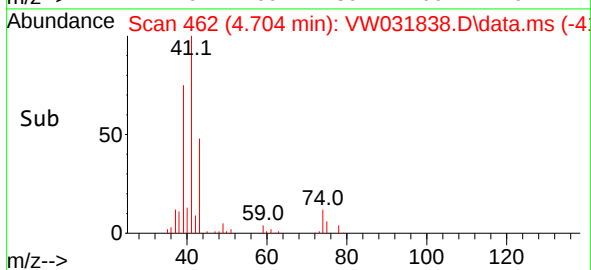
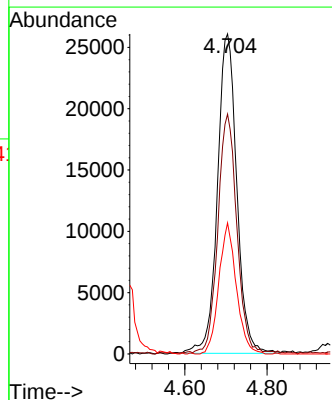
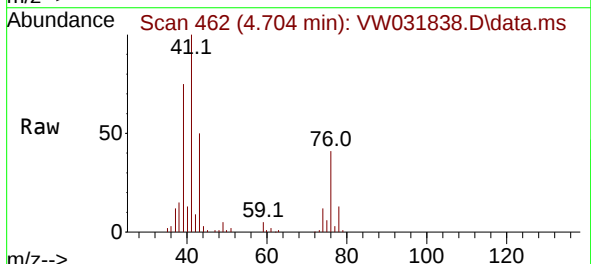
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Tgt Ion: 56 Resp: 25657
Ion Ratio Lower Upper
56 100
55 70.6 54.0 81.0



#14
Allyl chloride
Concen: 21.365 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 41 Resp: 85131
Ion Ratio Lower Upper
41 100
39 73.5 60.7 91.1
76 37.0 30.3 45.5

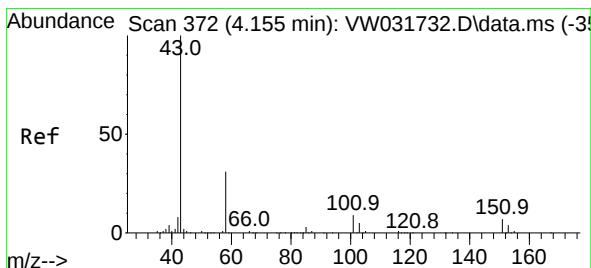
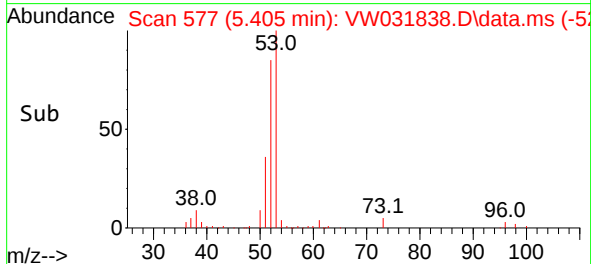
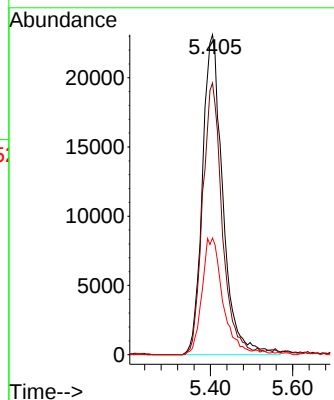
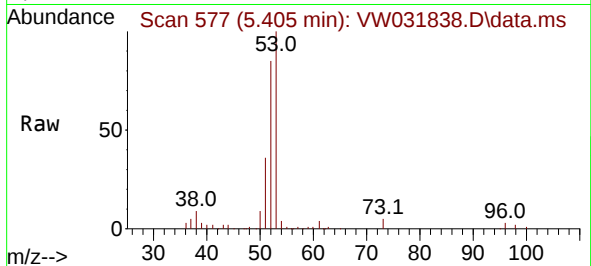




#15
Acrylonitrile
Concen: 99.746 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

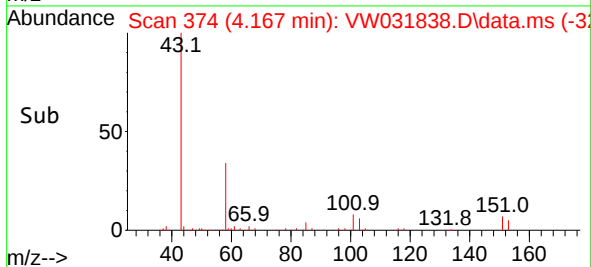
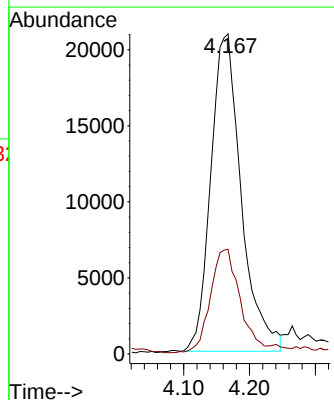
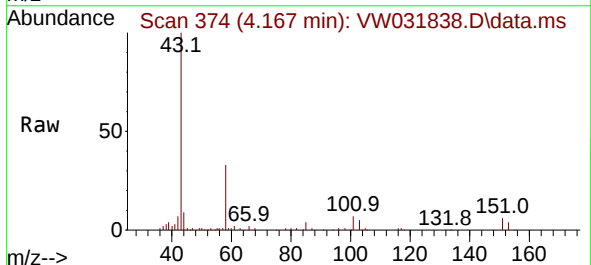
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

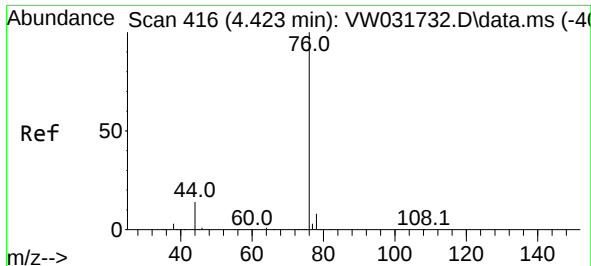
Tgt Ion: 53 Resp: 79618
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 37.1 29.9 44.9



#16
Acetone
Concen: 87.065 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.013 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 43 Resp: 67311
Ion Ratio Lower Upper
43 100
58 32.2 24.8 37.2

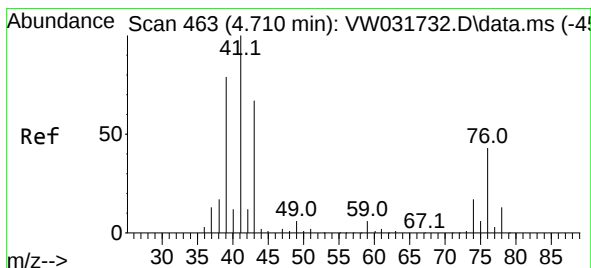
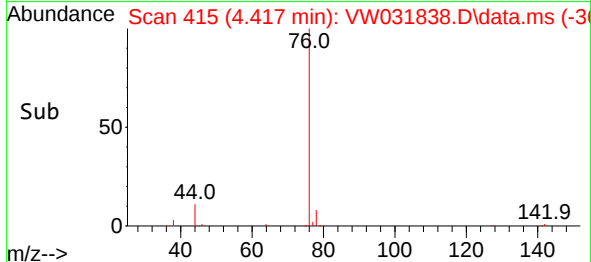
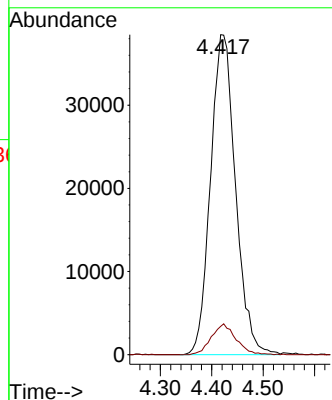
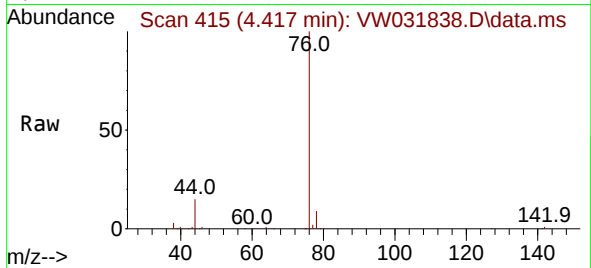




#17
Carbon Disulfide
Concen: 18.700 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

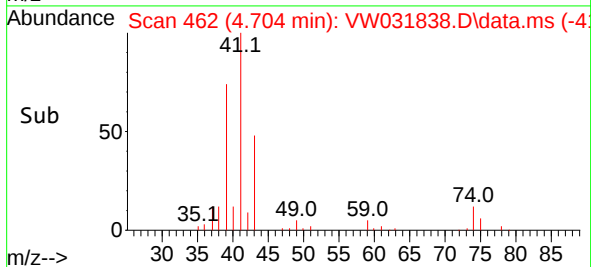
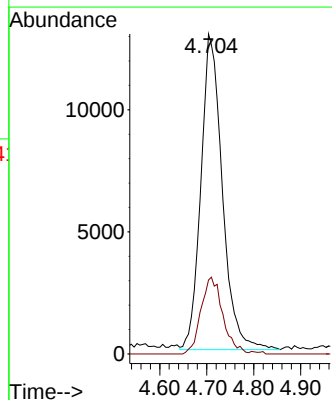
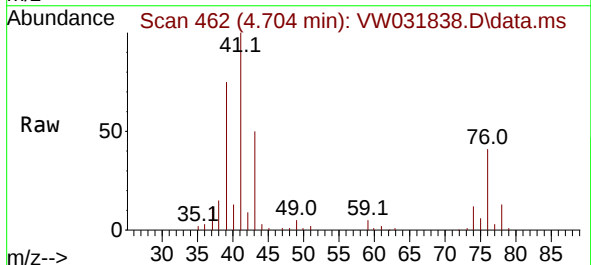
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

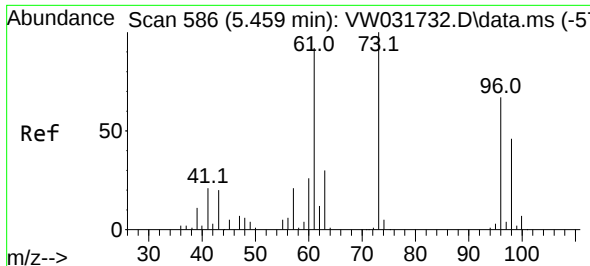
Tgt Ion: 76 Resp: 129954
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0



#18
Methyl Acetate
Concen: 18.567 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 43 Resp: 41025
Ion Ratio Lower Upper
43 100
74 24.6 20.6 30.8

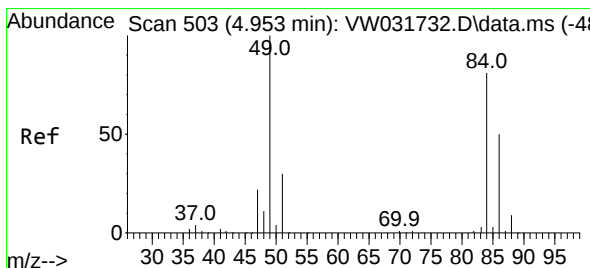
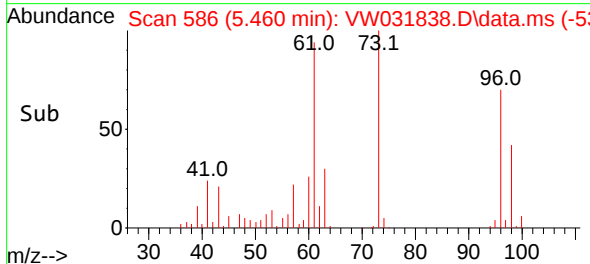
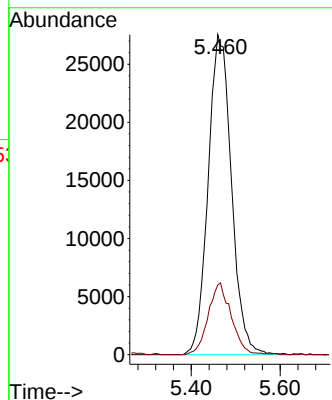
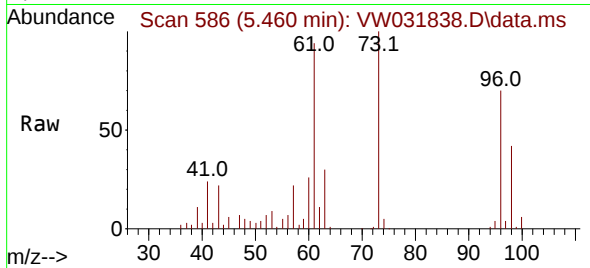




#19
Methyl tert-butyl Ether
Concen: 22.754 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

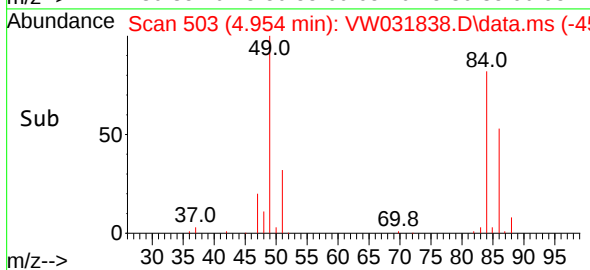
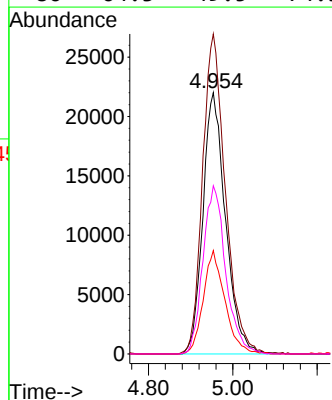
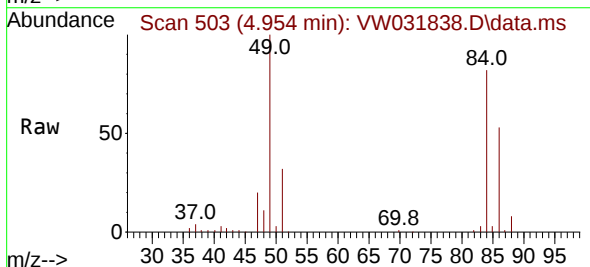
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

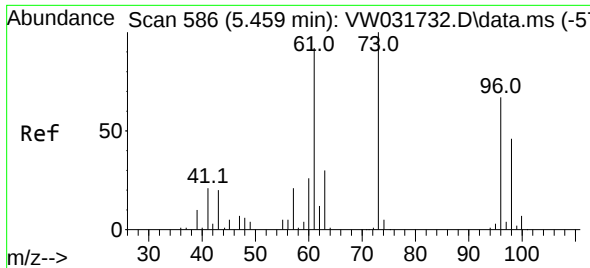
Tgt Ion: 73 Resp: 100300
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 24.047 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 84 Resp: 82155
Ion Ratio Lower Upper
84 100
49 122.2 98.2 147.4
51 39.6 29.8 44.8
86 64.3 49.5 74.3

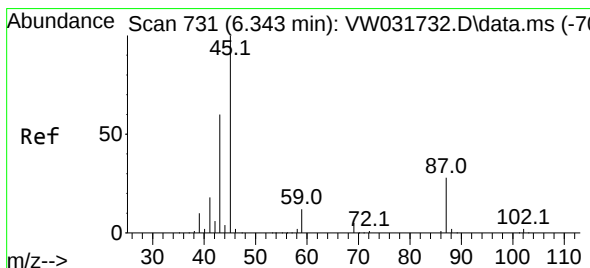
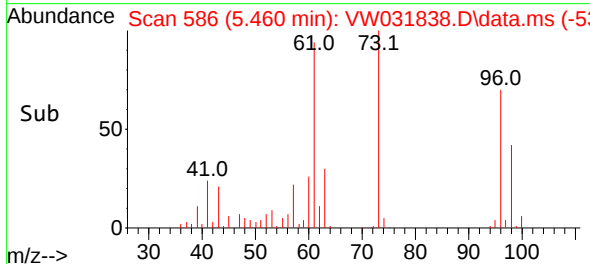
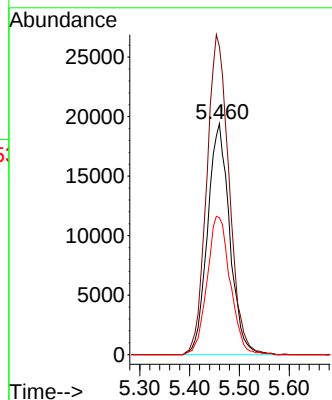
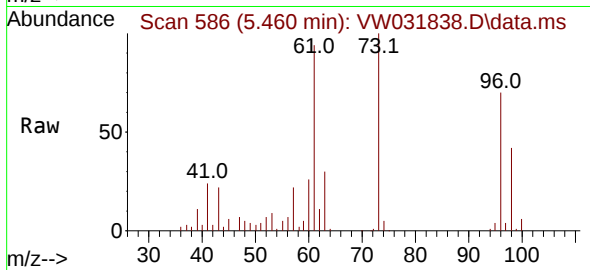




#21
trans-1,2-Dichloroethene
Concen: 21.666 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

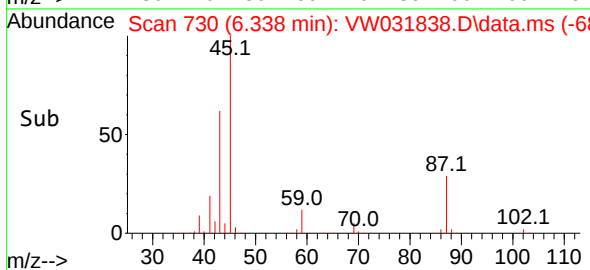
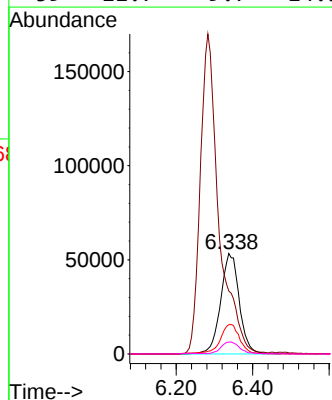
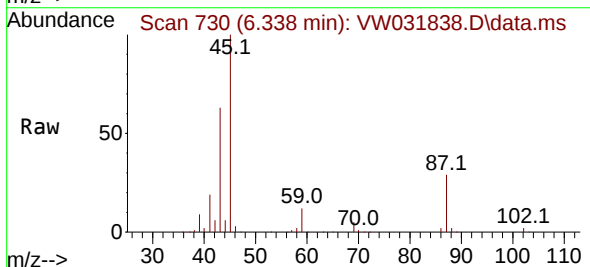
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Tgt Ion: 96 Resp: 59787
Ion Ratio Lower Upper
96 100
61 133.3 109.8 164.6
98 59.3 54.9 82.3



#22
Diisopropyl ether
Concen: 23.276 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 45 Resp: 180883
Ion Ratio Lower Upper
45 100
43 62.5 48.3 72.5
87 29.1 22.6 34.0
59 11.7 9.7 14.5

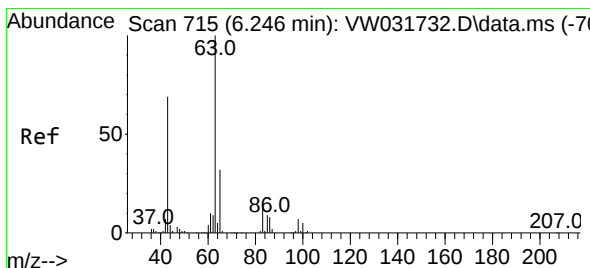
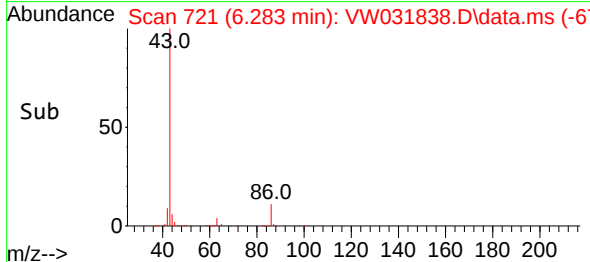
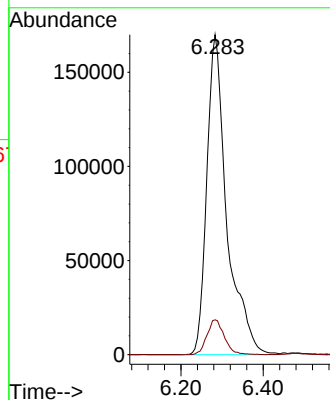
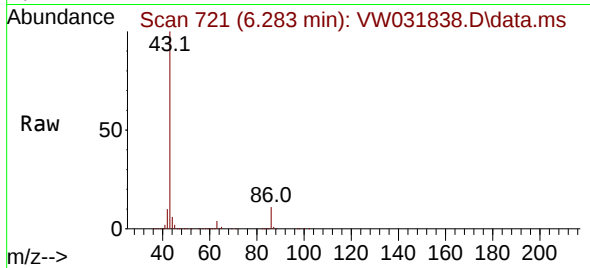




#23
 Vinyl Acetate
 Concen: 108.368 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031838.D
 Acq: 14 Jul 2025 10:14

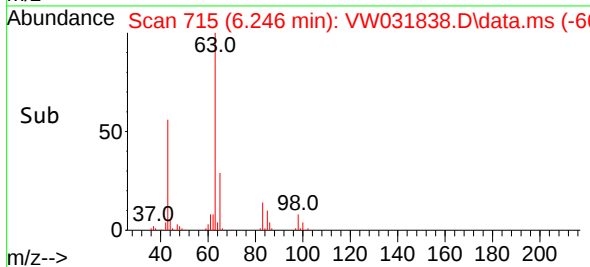
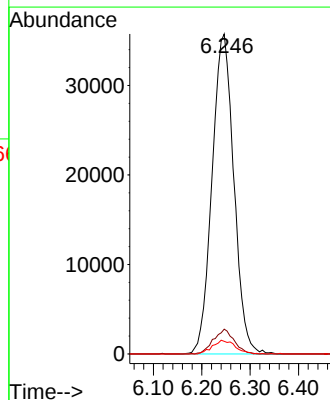
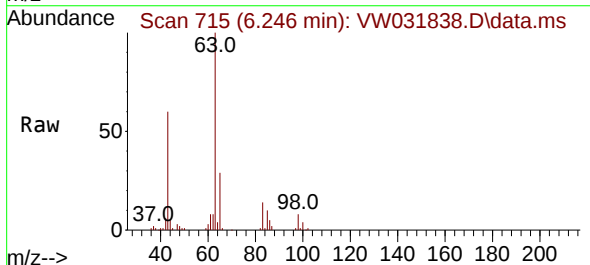
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBS01

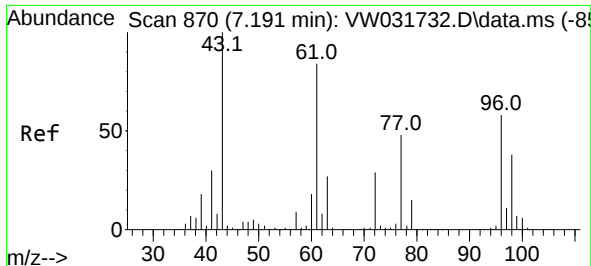
Tgt Ion: 43 Resp: 575226
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 22.212 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031838.D
 Acq: 14 Jul 2025 10:14

Tgt Ion: 63 Resp: 111909
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.0 2.5 7.5





#25

2-Butanone

Concen: 96.323 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

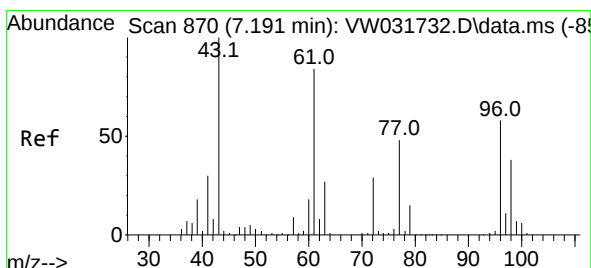
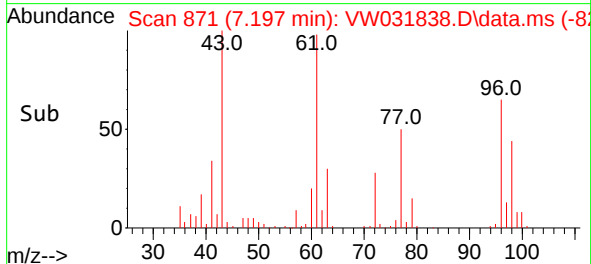
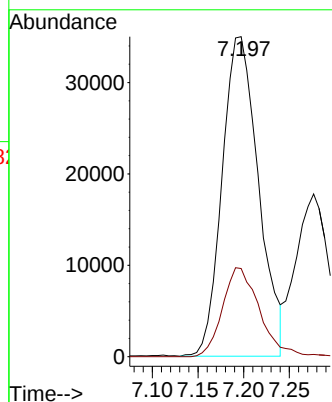
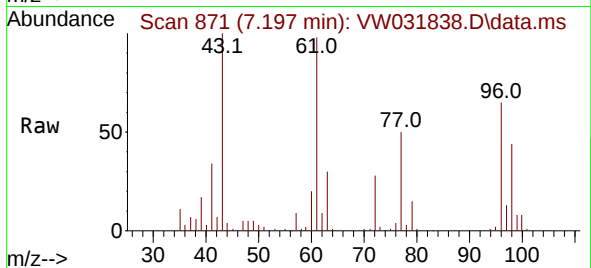
VW0714SBS01

Tgt Ion: 43 Resp: 96881

Ion Ratio Lower Upper

43 100

72 27.6 23.0 34.6



#26

2,2-Dichloropropane

Concen: 19.972 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031838.D

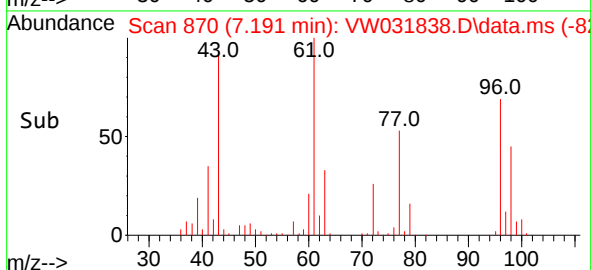
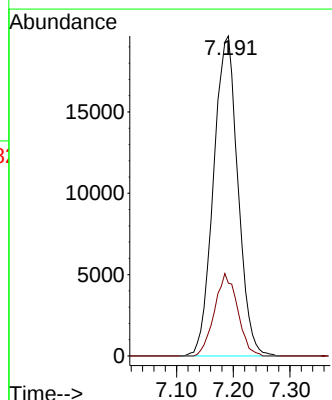
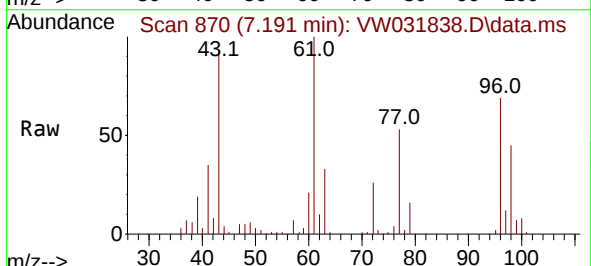
Acq: 14 Jul 2025 10:14

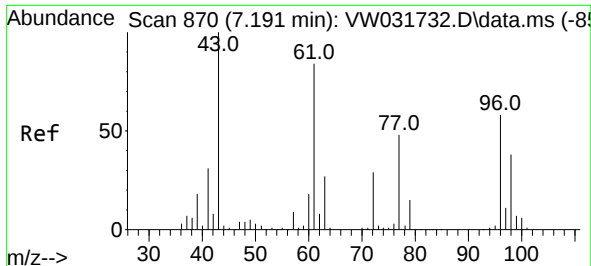
Tgt Ion: 77 Resp: 58709

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 22.325 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

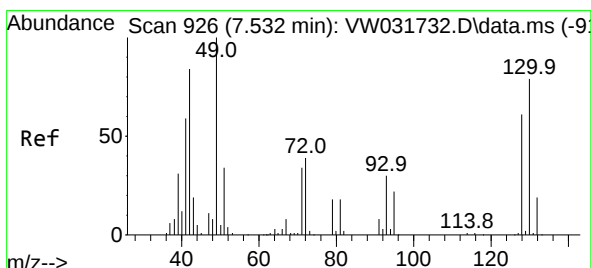
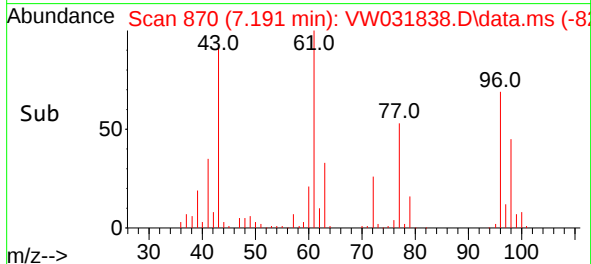
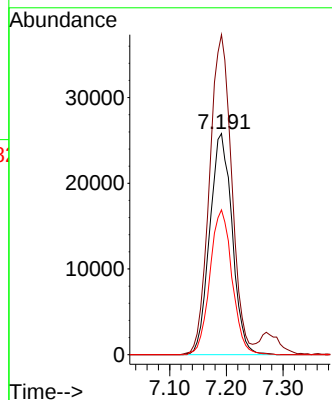
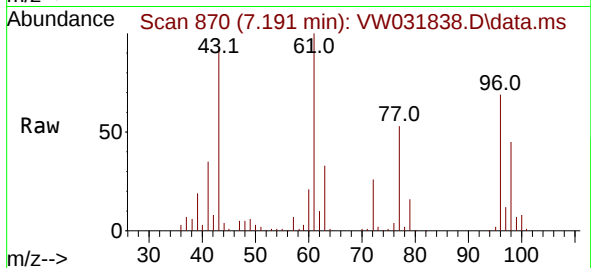
Tgt Ion: 96 Resp: 70817

Ion Ratio Lower Upper

96 100

61 143.3 0.0 286.8

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 21.927 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

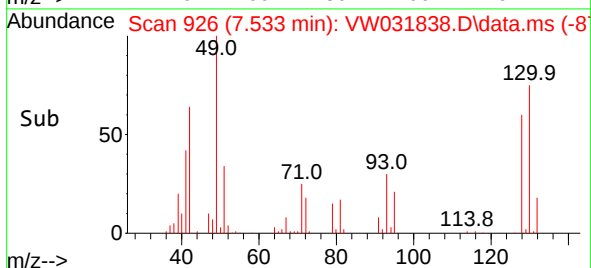
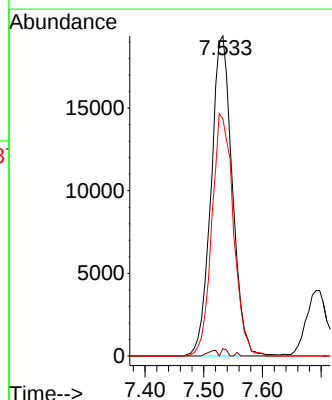
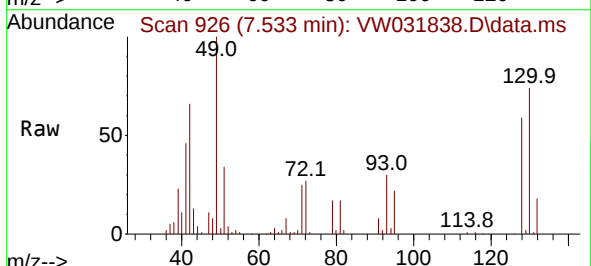
Tgt Ion: 49 Resp: 48752

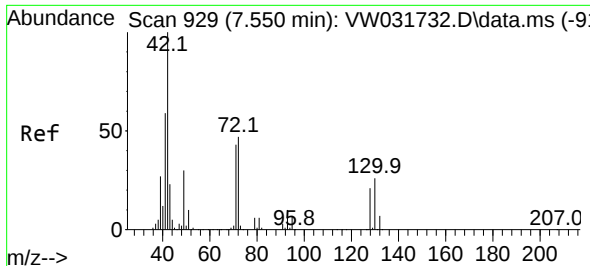
Ion Ratio Lower Upper

49 100

129 0.6 0.0 2.4

130 76.5 61.3 91.9

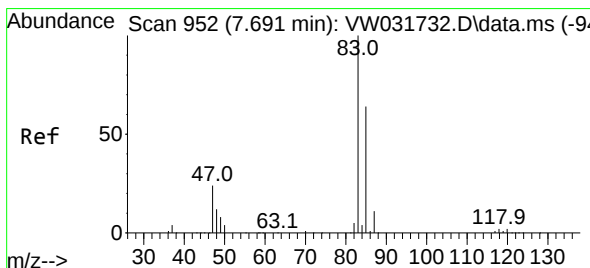
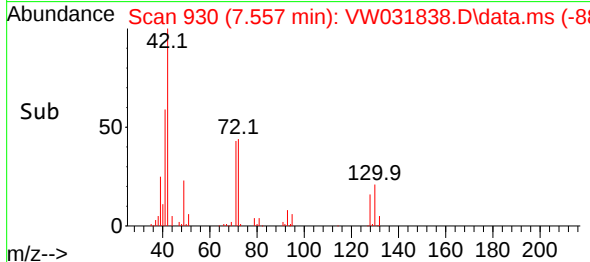
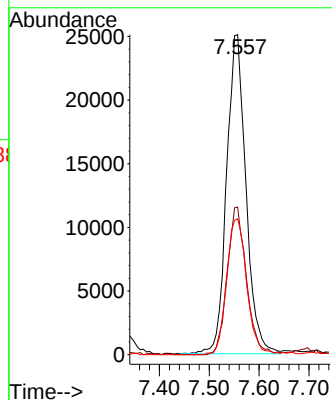
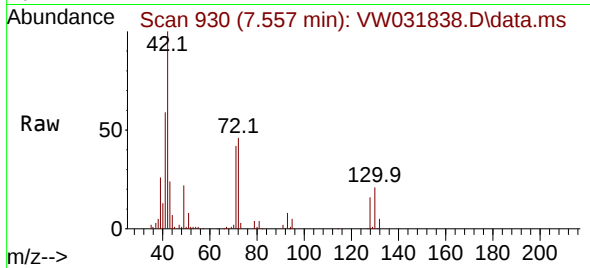




#29
Tetrahydrofuran
Concen: 97.917 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

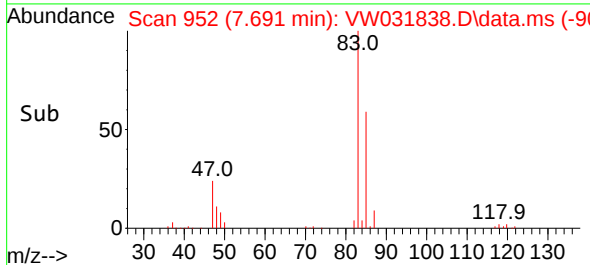
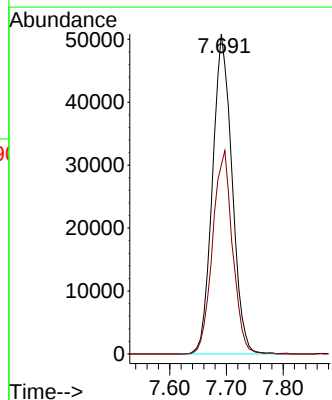
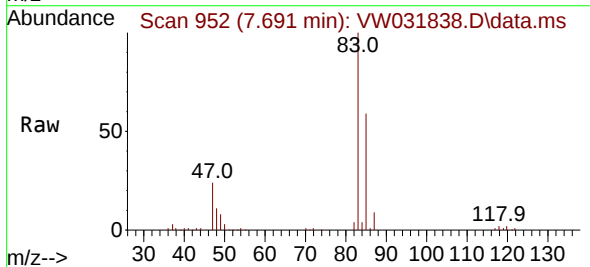
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

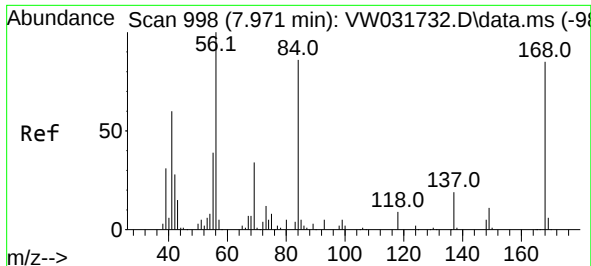
Tgt Ion: 42 Resp: 67445
Ion Ratio Lower Upper
42 100
72 45.9 36.8 55.2
71 44.2 34.6 52.0



#30
Chloroform
Concen: 22.708 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

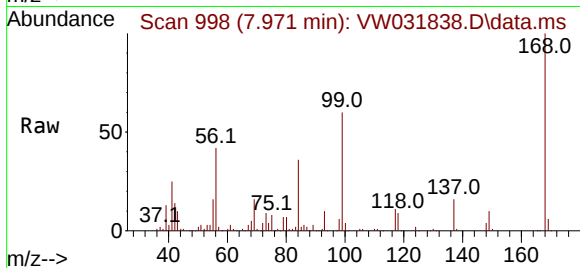
Tgt Ion: 83 Resp: 121573
Ion Ratio Lower Upper
83 100
85 59.0 51.4 77.0





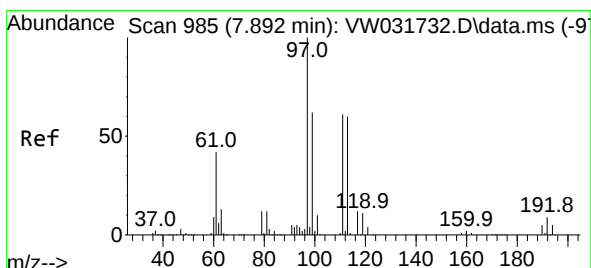
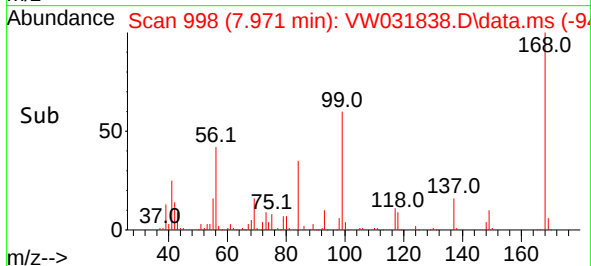
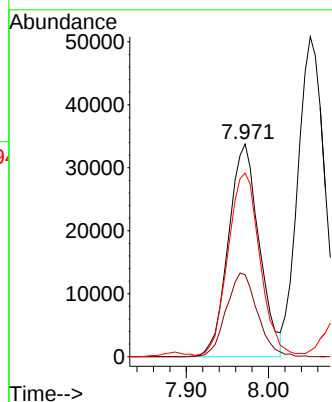
#31
Cyclohexane
Concen: 19.733 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01



Tgt Ion: 56 Resp: 87883

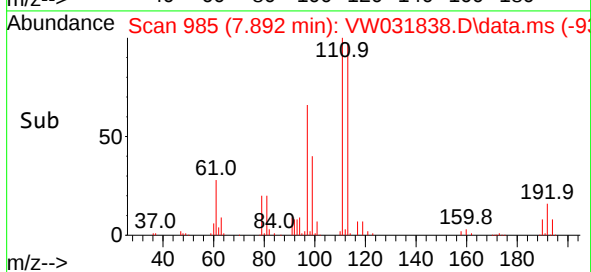
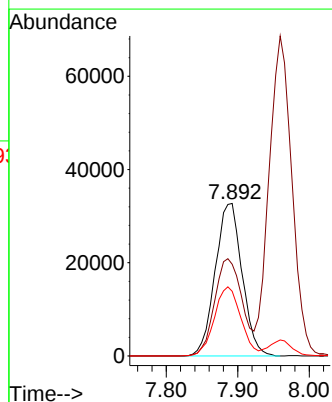
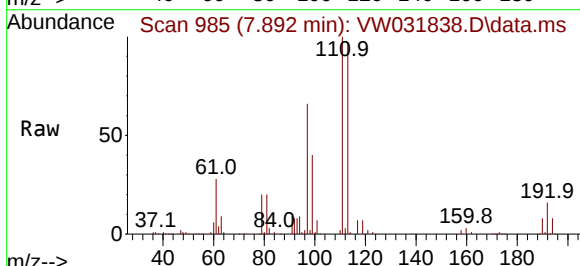
Ion	Ratio	Lower	Upper
56	100		
69	38.6	27.2	40.8
84	84.6	68.5	102.7

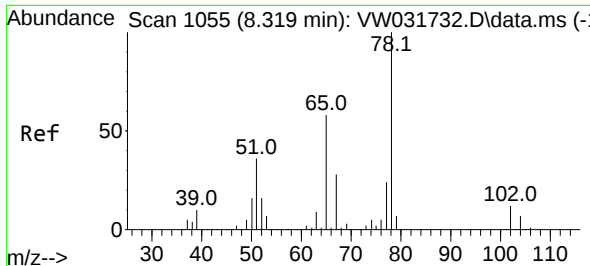


#32
1,1,1-Trichloroethane
Concen: 20.716 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 97 Resp: 85467

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.0	76.6
61	44.7	36.0	54.0

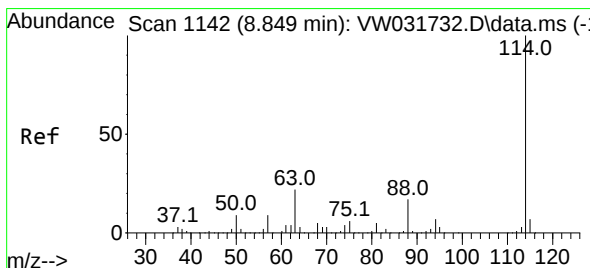
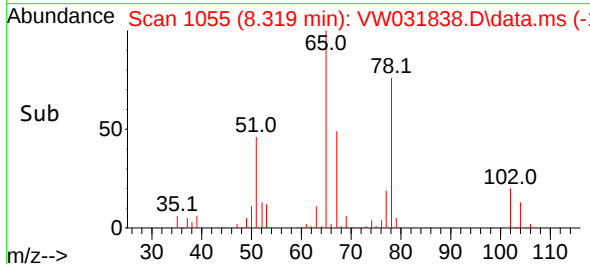
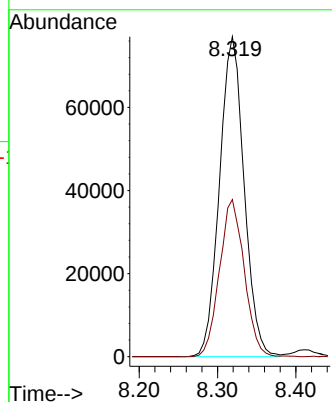
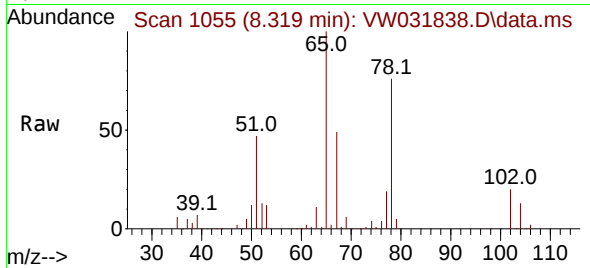




#33
 1,2-Dichloroethane-d4
 Concen: 53.803 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031838.D
 Acq: 14 Jul 2025 10:14

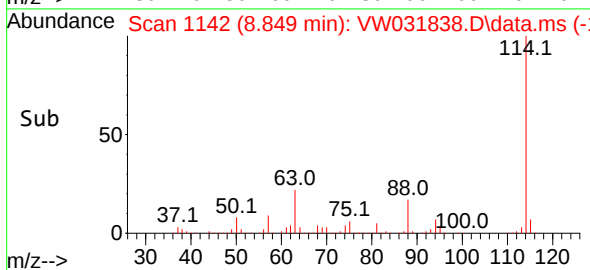
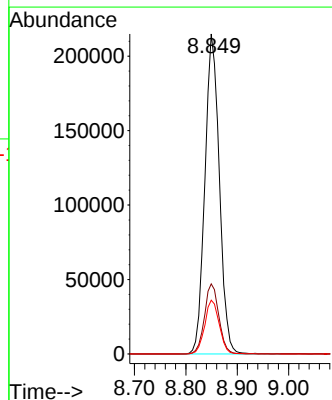
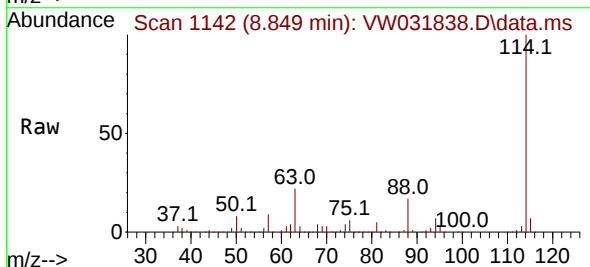
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBS01

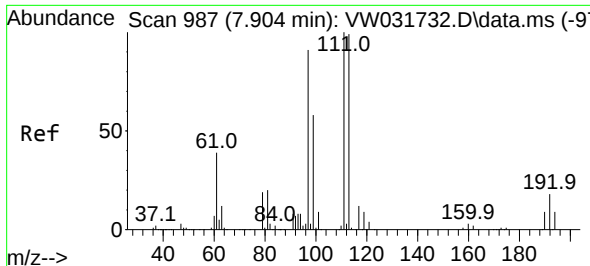
Tgt Ion: 65 Resp: 168287
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031838.D
 Acq: 14 Jul 2025 10:14

Tgt Ion: 114 Resp: 419177
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.6
 88 16.8 0.0 34.2

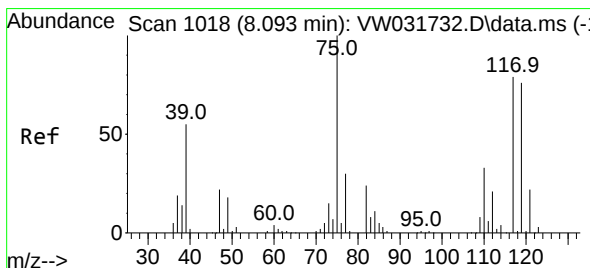
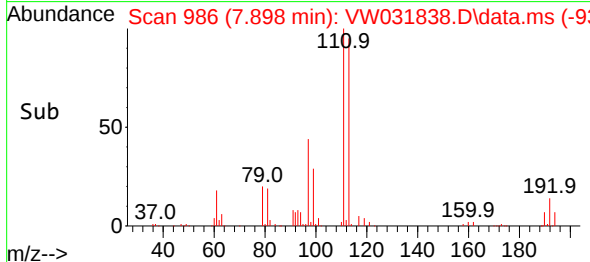
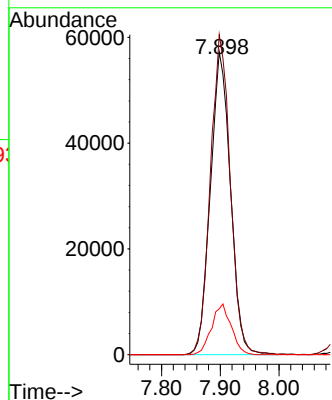
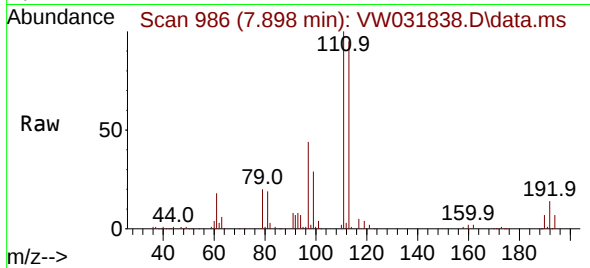




#35
 Dibromofluoromethane
 Concen: 49.632 ug/l
 RT: 7.898 min Scan# 987
 Delta R.T. -0.006 min
 Lab File: VW031838.D
 Acq: 14 Jul 2025 10:14

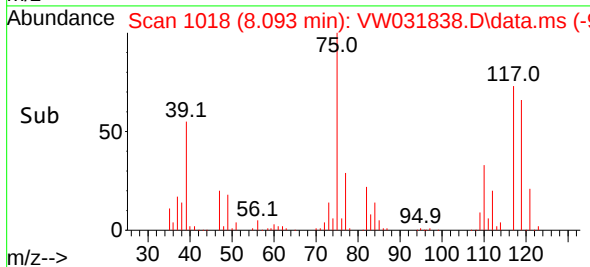
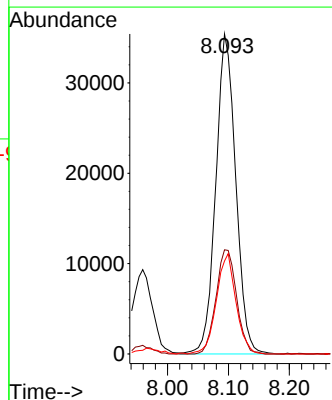
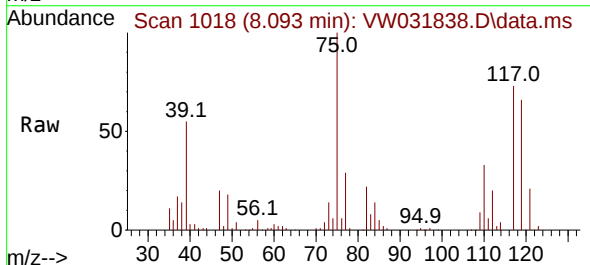
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBS01

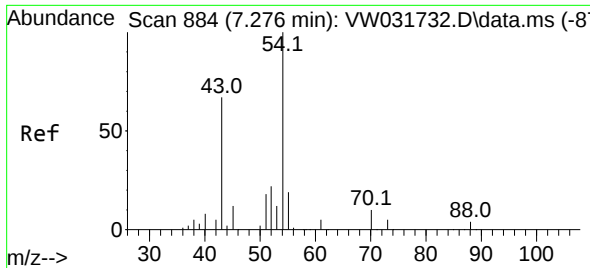
Tgt Ion:113 Resp: 135758
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 20.386 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031838.D
 Acq: 14 Jul 2025 10:14

Tgt Ion: 75 Resp: 80692
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.8 50.4
 77 30.7 25.0 37.6

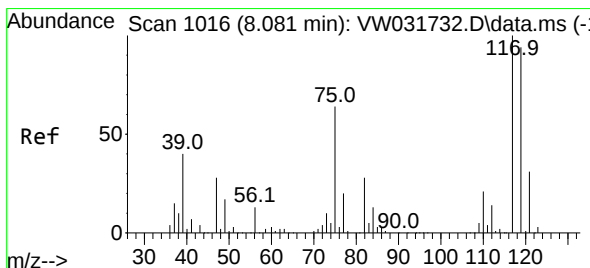
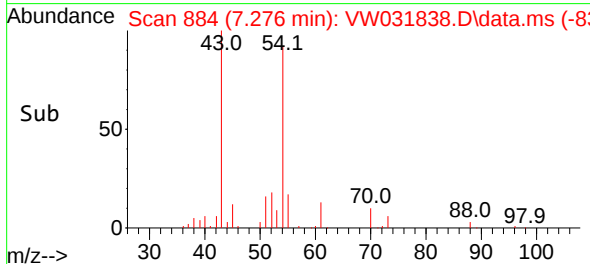
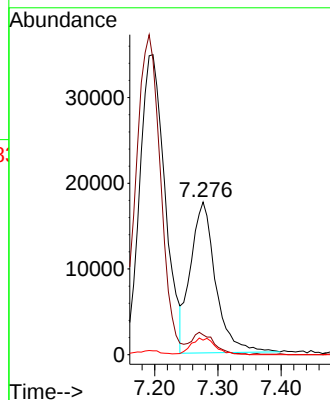
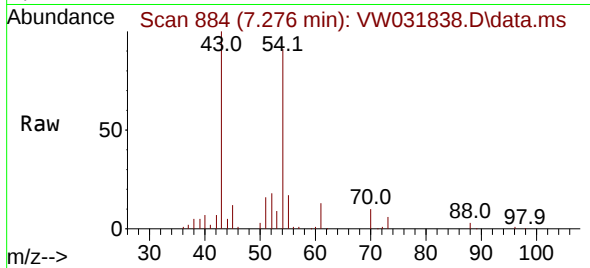




#37
Ethyl Acetate
Concen: 19.356 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

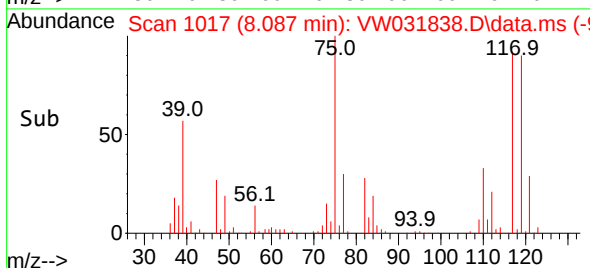
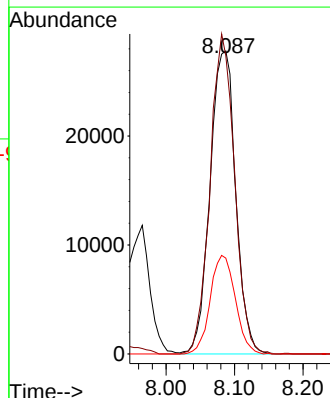
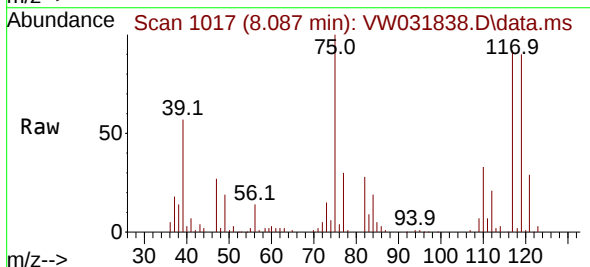
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

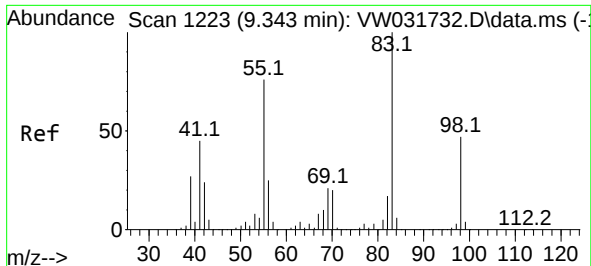
Tgt Ion: 43	Resp: 48330
Ion Ratio	Lower Upper
43 100	
61 13.7	10.9 16.3
70 10.9	9.2 13.8



#38
Carbon Tetrachloride
Concen: 17.937 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:117	Resp:	72347	
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.0	112.6
121	31.6	24.6	37.0





#39

Methylcyclohexane

Concen: 18.391 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

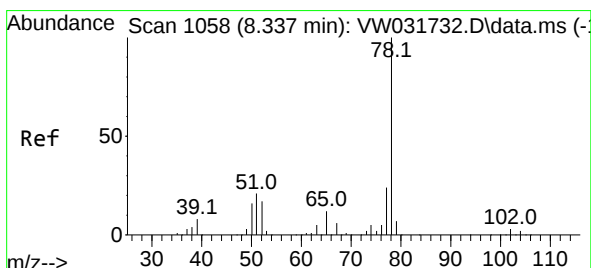
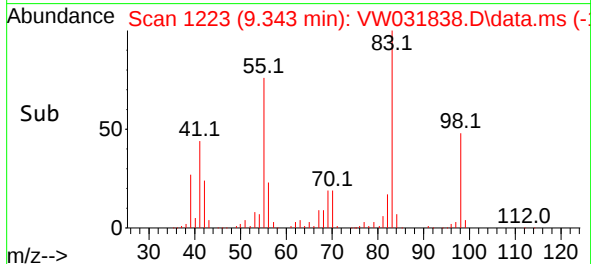
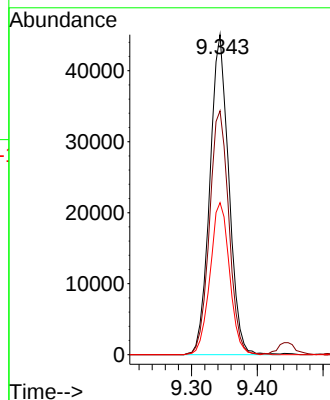
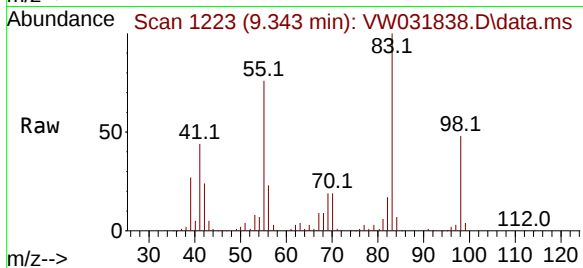
Tgt Ion: 83 Resp: 90567

Ion Ratio Lower Upper

83 100

55 76.2 61.0 91.4

98 47.5 37.9 56.9



#40

Benzene

Concen: 20.943 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031838.D

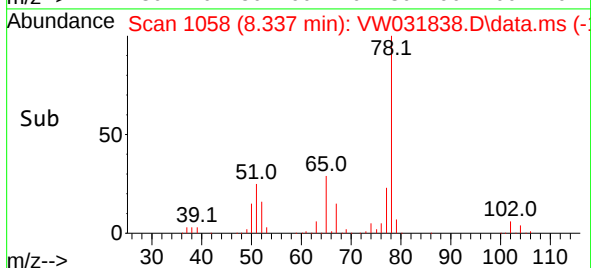
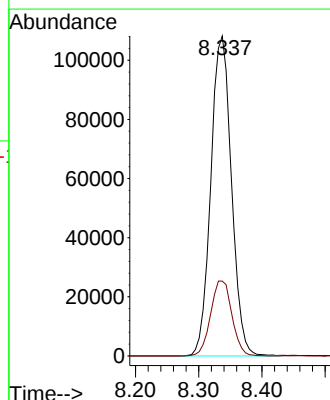
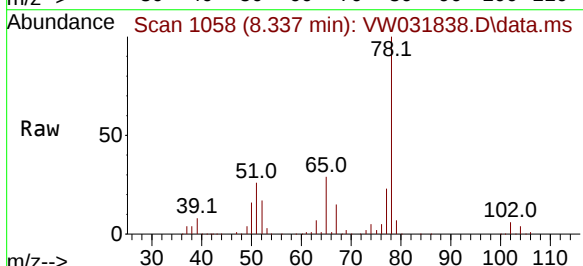
Acq: 14 Jul 2025 10:14

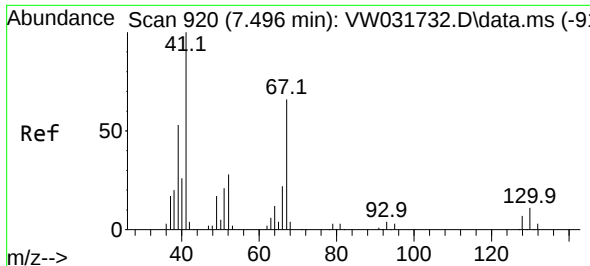
Tgt Ion: 78 Resp: 245256

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8

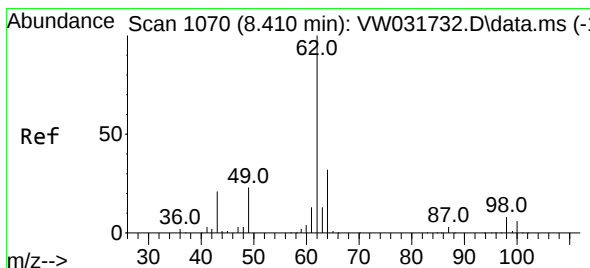
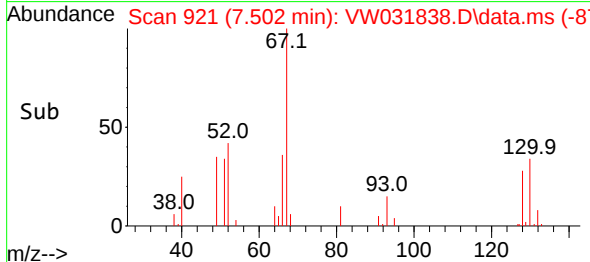
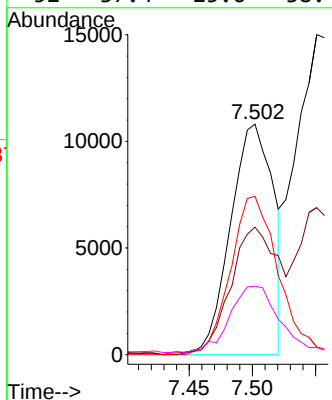
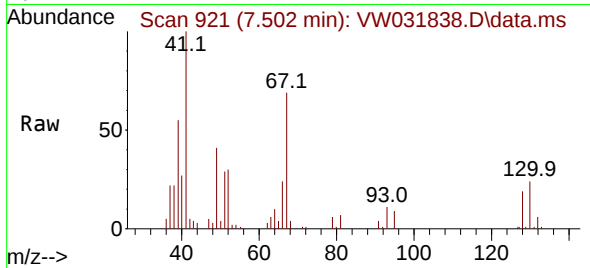




#41
Methacrylonitrile
Concen: 19.028 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

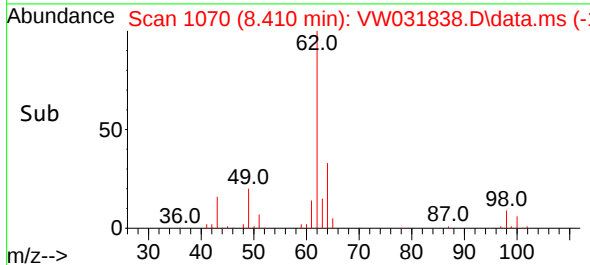
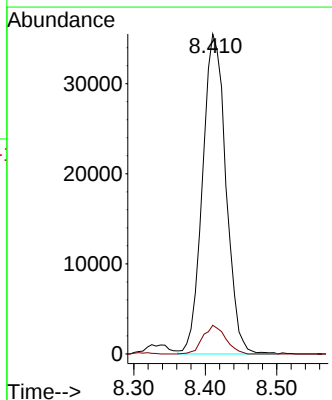
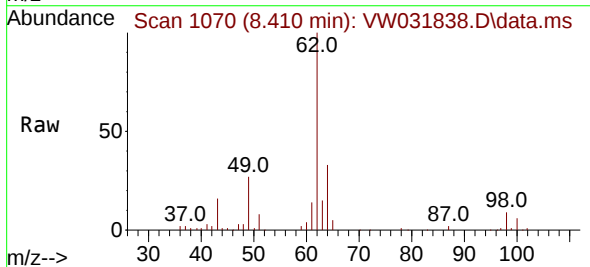
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

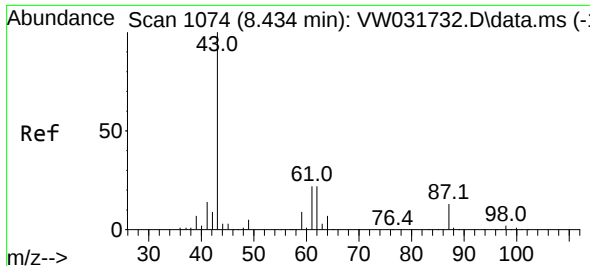
Tgt Ion: 41	Resp: 25451
Ion Ratio	Lower Upper
41 100	
39 62.5	43.2 64.8
67 76.7	58.1 87.1
52 37.4	25.6 38.4



#42
1,2-Dichloroethane
Concen: 20.422 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 62	Resp: 80807
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 17.2

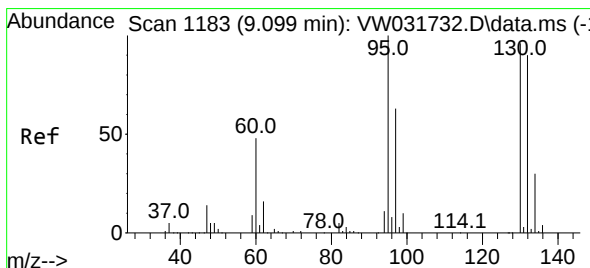
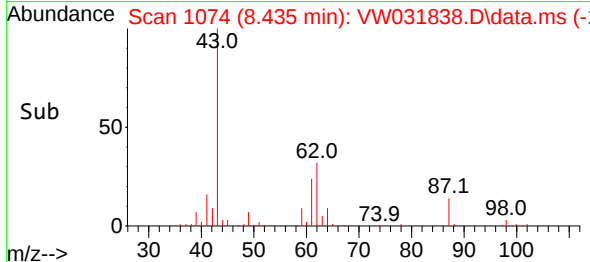
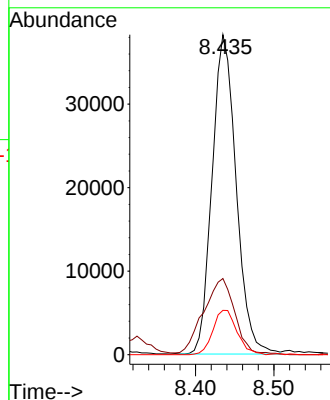
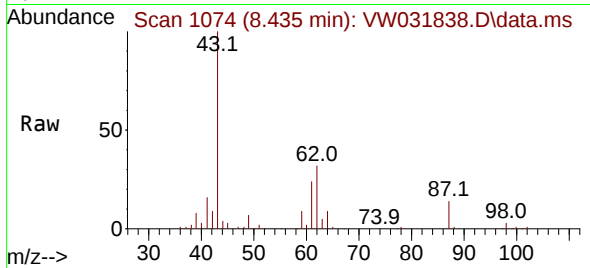




#43
Isopropyl Acetate
Concen: 18.994 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

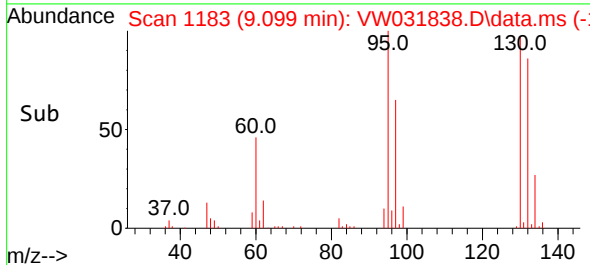
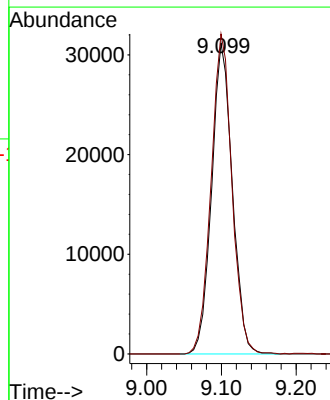
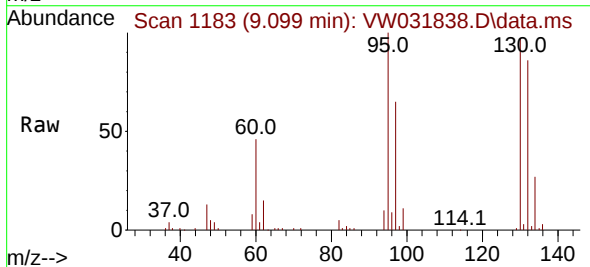
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

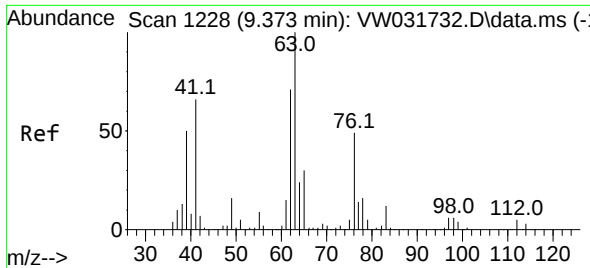
Tgt Ion: 43 Resp: 81753
Ion Ratio Lower Upper
43 100
61 31.2 23.1 34.7
87 13.9 10.8 16.2



#44
Trichloroethene
Concen: 20.496 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:130 Resp: 59908
Ion Ratio Lower Upper
130 100
95 103.0 0.0 208.6

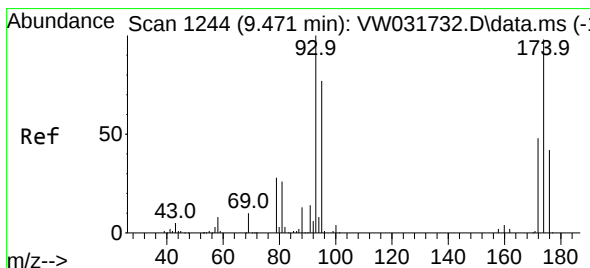
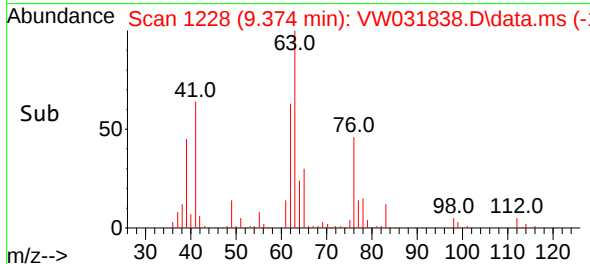
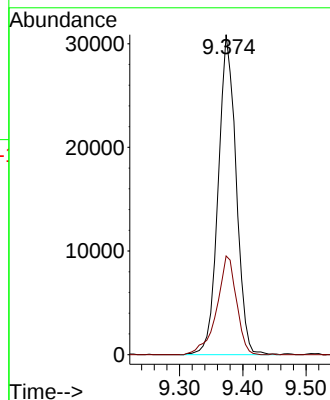
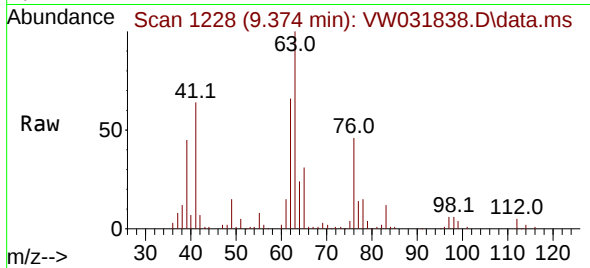




#45
1,2-Dichloropropane
Concen: 21.351 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

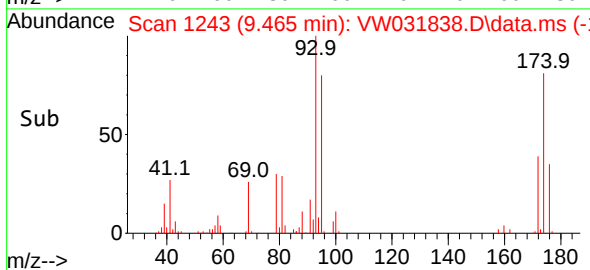
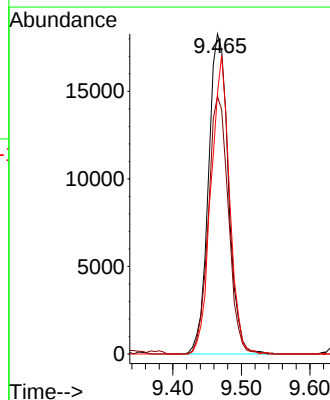
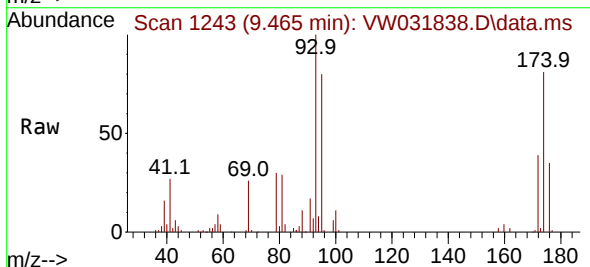
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

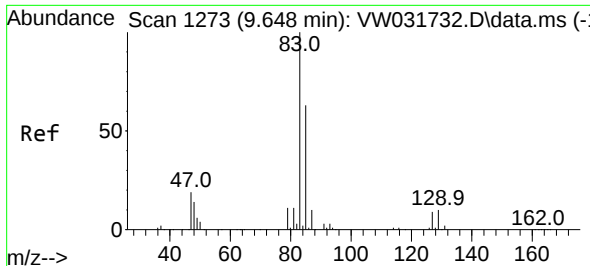
Tgt Ion: 63 Resp: 60430
Ion Ratio Lower Upper
63 100
65 30.8 24.2 36.4



#46
Dibromomethane
Concen: 20.278 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 93 Resp: 37053
Ion Ratio Lower Upper
93 100
95 80.6 67.0 100.4
174 86.7 71.7 107.5

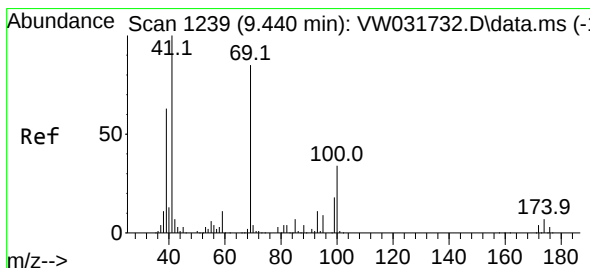
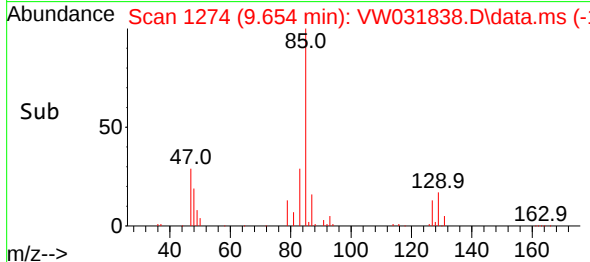
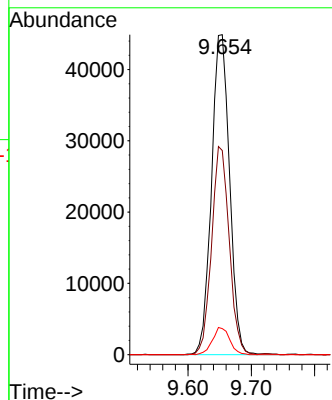
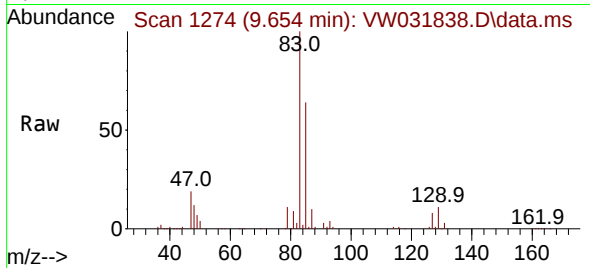




#47
Bromodichloromethane
Concen: 20.775 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

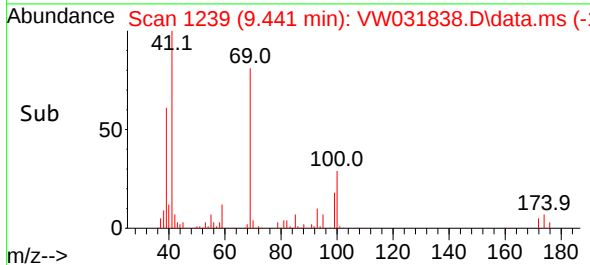
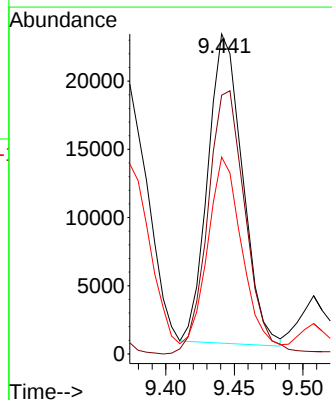
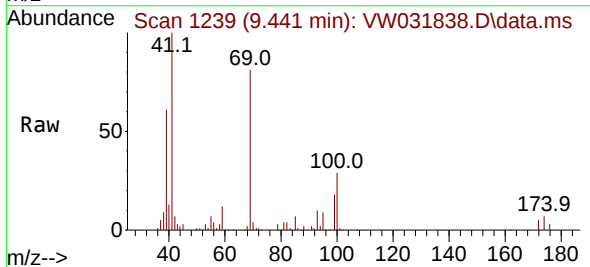
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

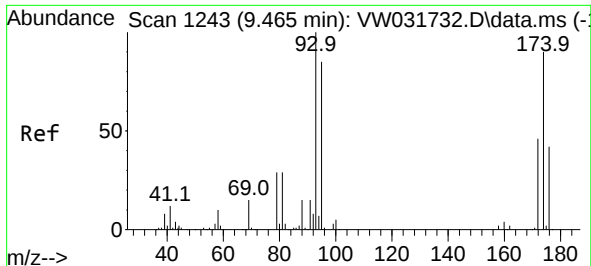
Tgt Ion: 83 Resp: 89016
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 18.809 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 41 Resp: 39807
Ion Ratio Lower Upper
41 100
69 93.1 71.6 107.4
39 63.9 49.5 74.3





#49

1,4-Dioxane

Concen: 333.258 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

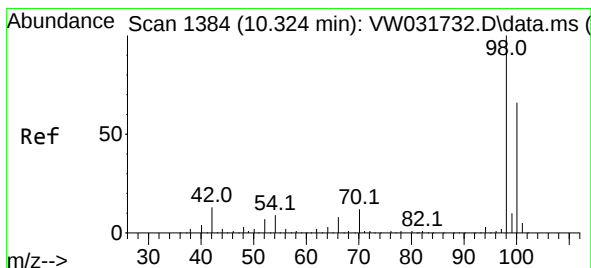
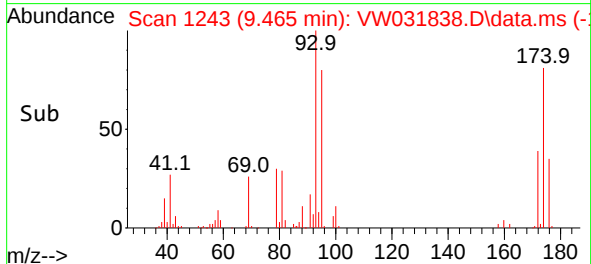
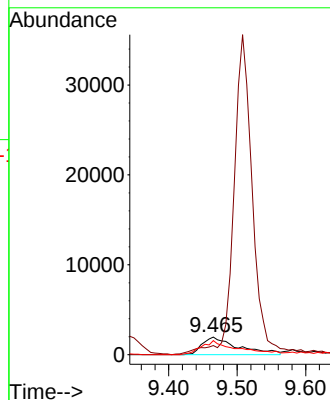
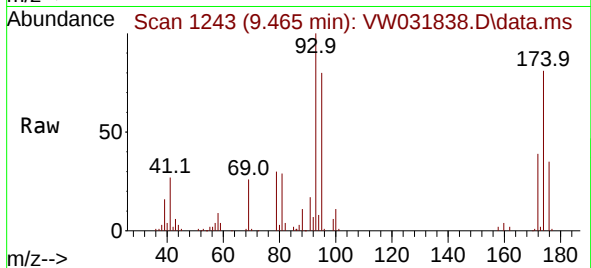
Tgt Ion: 88 Resp: 7132

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 80.4 58.3 87.5



#50

Toluene-d8

Concen: 51.443 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031838.D

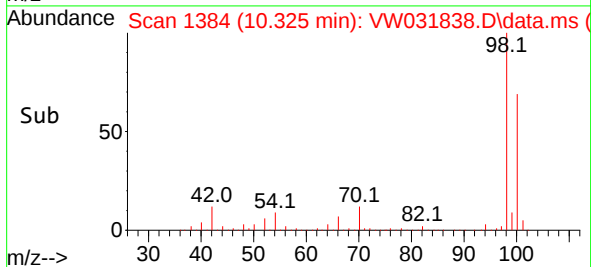
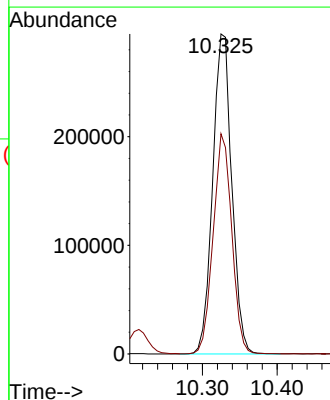
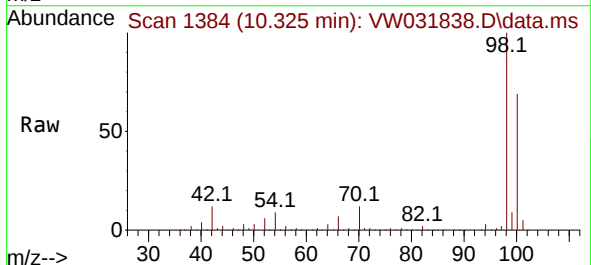
Acq: 14 Jul 2025 10:14

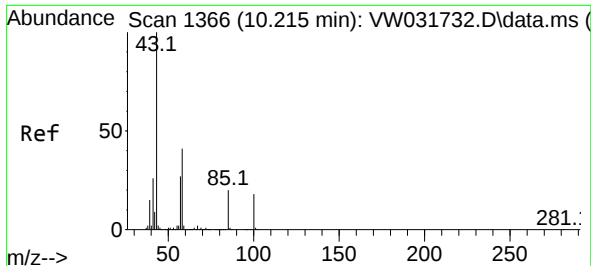
Tgt Ion: 98 Resp: 523647

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4

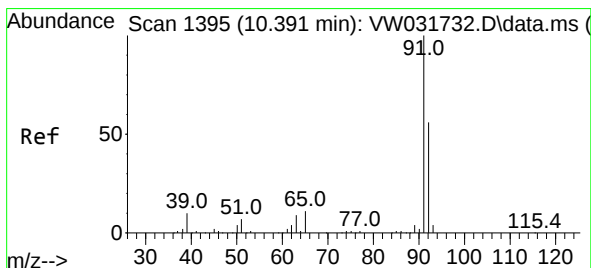
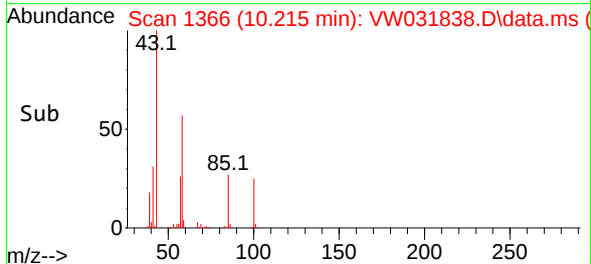
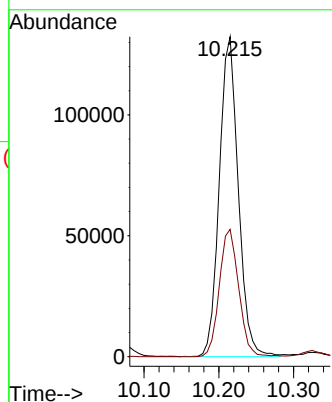
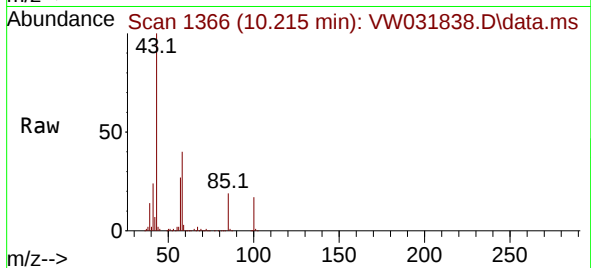




#51
4-Methyl-2-Pentanone
Concen: 94.673 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

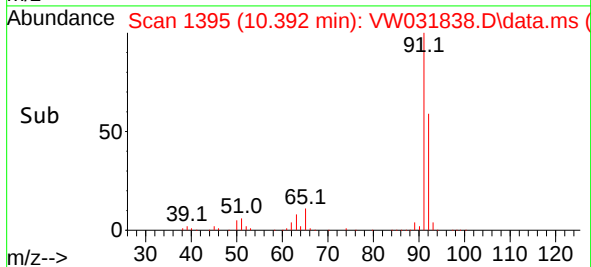
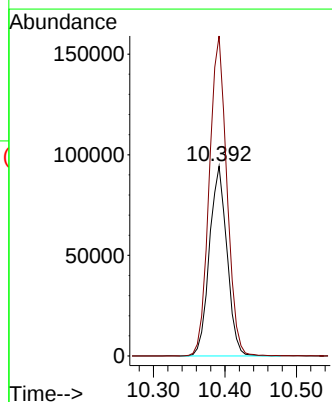
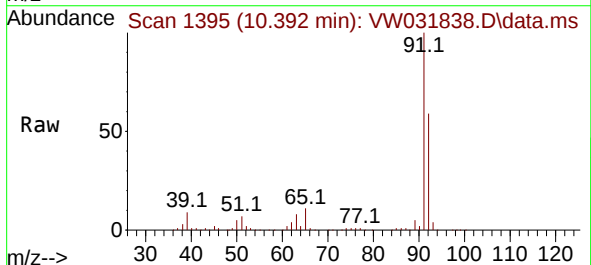
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

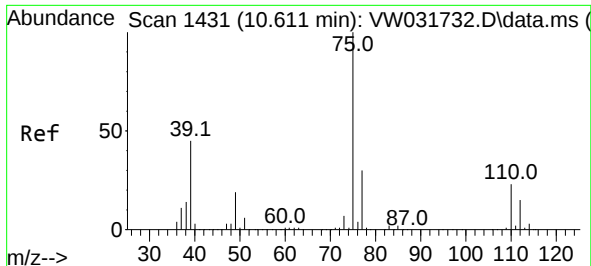
Tgt Ion: 43 Resp: 234264
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2



#52
Toluene
Concen: 21.433 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 92 Resp: 160699
Ion Ratio Lower Upper
92 100
91 169.4 139.5 209.3

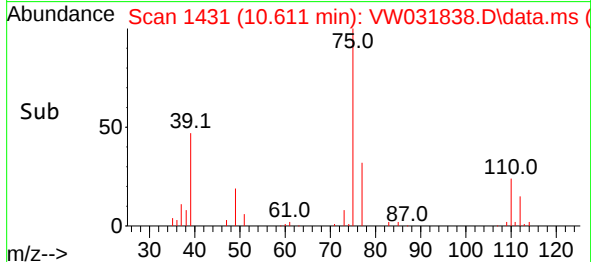
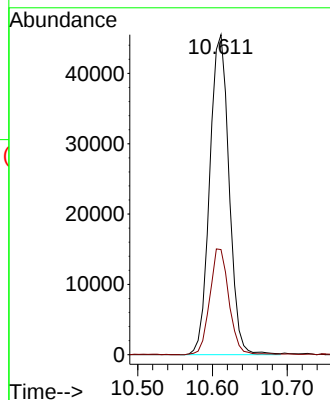
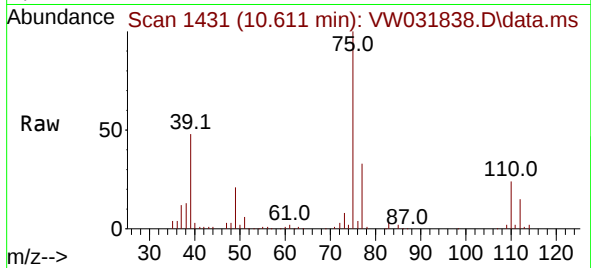




#53
t-1,3-Dichloropropene
Concen: 20.423 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

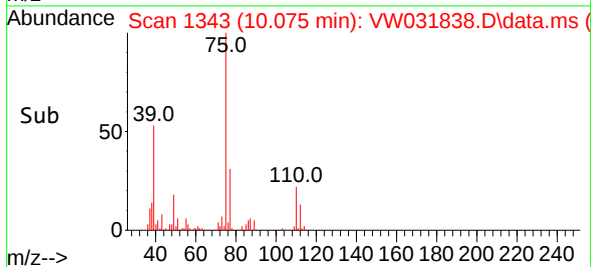
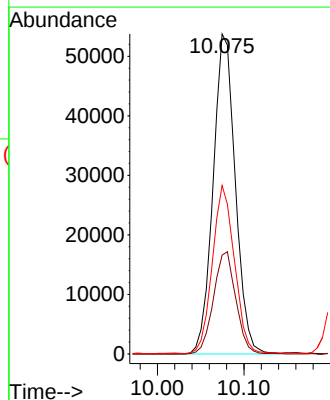
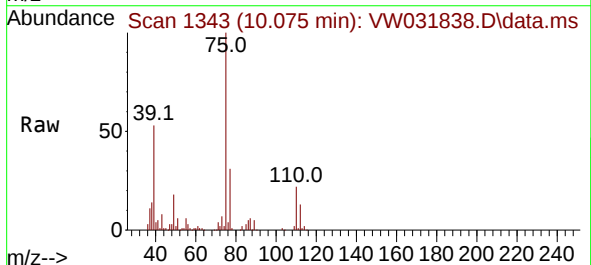
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

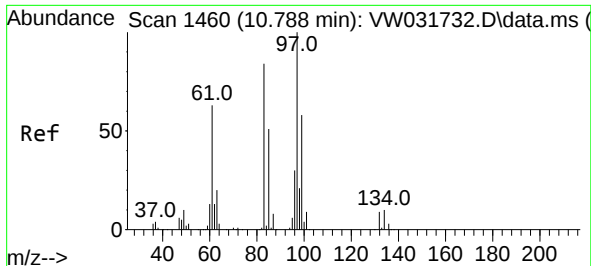
Tgt Ion: 75 Resp: 82105
Ion Ratio Lower Upper
75 100
77 32.9 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 21.030 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 75 Resp: 95843
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2
39 52.4 41.8 62.6

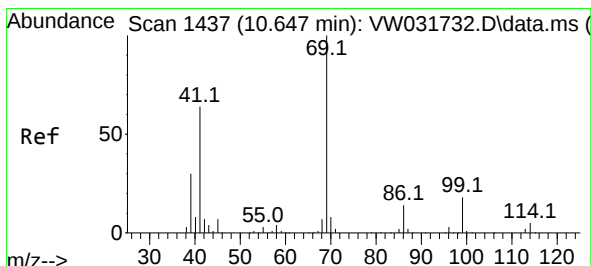
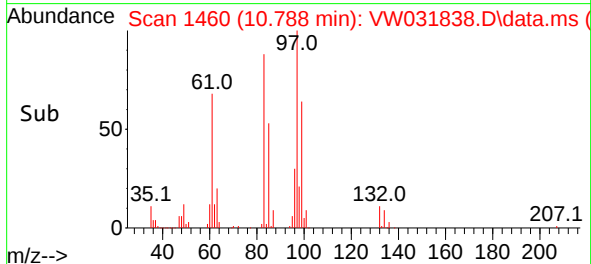
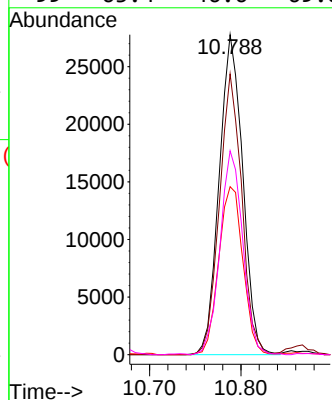
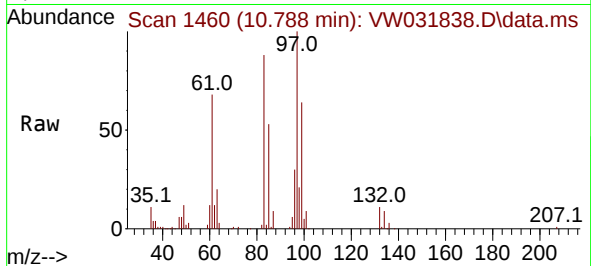




#55
1,1,2-Trichloroethane
Concen: 20.753 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

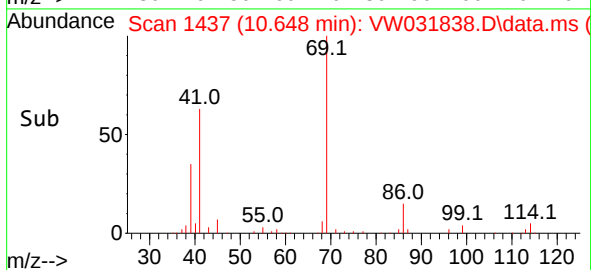
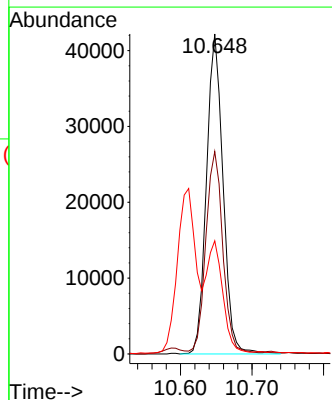
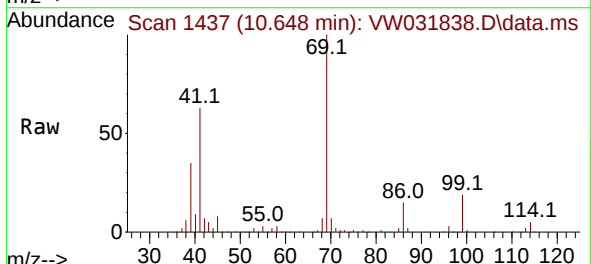
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Tgt Ion:	97	Resp:	49673
Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.9	100.3
85	52.5	41.1	61.7
99	63.4	46.6	69.8



#56
Ethyl methacrylate
Concen: 20.932 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:	69	Resp:	67972
Ion	Ratio	Lower	Upper
69	100		
41	64.3	53.3	79.9
39	33.6	30.2	45.2





#57

1,3-Dichloropropane

Concen: 20.890 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

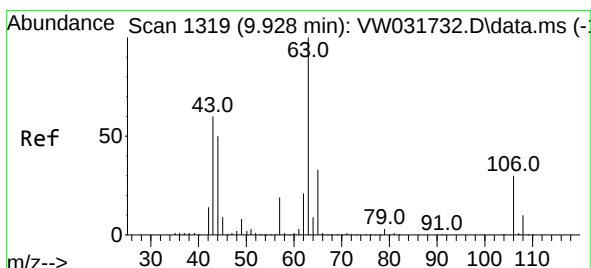
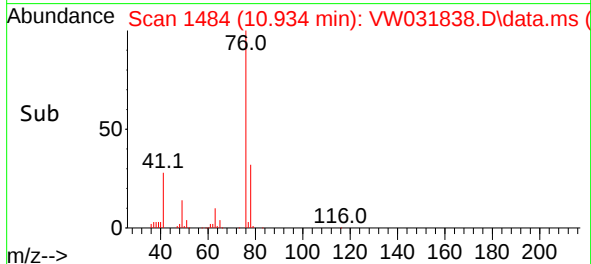
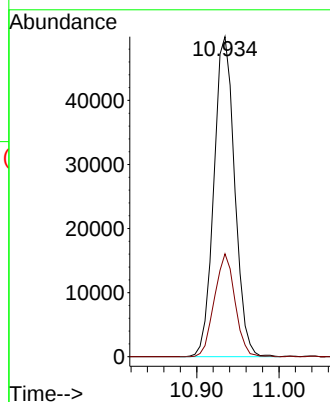
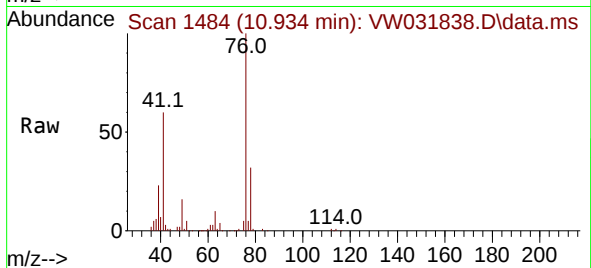
VW0714SBS01

Tgt Ion: 76 Resp: 87785

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.524 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031838.D

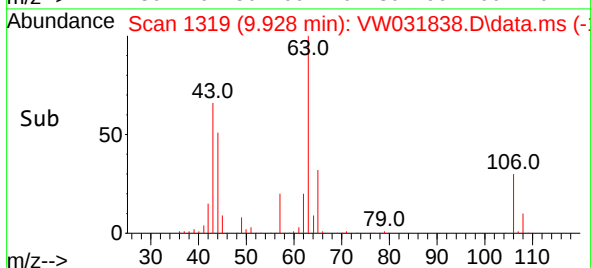
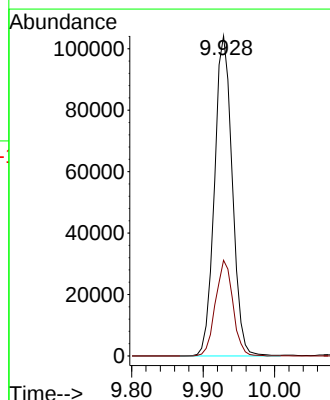
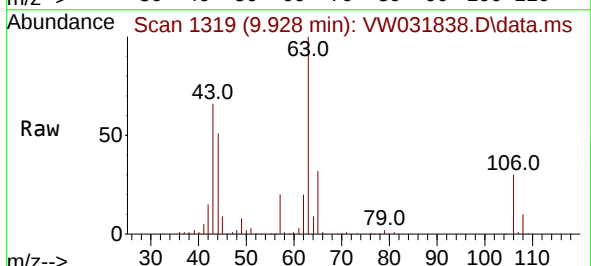
Acq: 14 Jul 2025 10:14

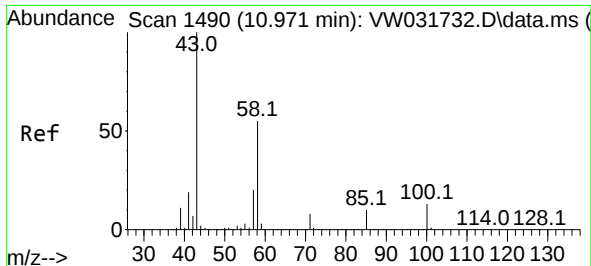
Tgt Ion: 63 Resp: 179746

Ion Ratio Lower Upper

63 100

106 29.3 24.1 36.1

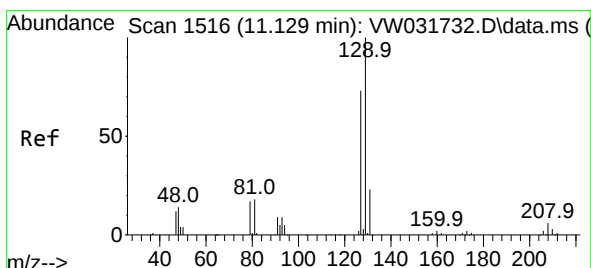
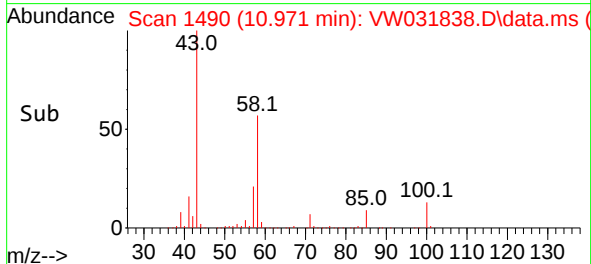
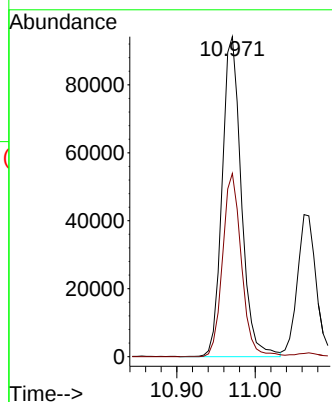
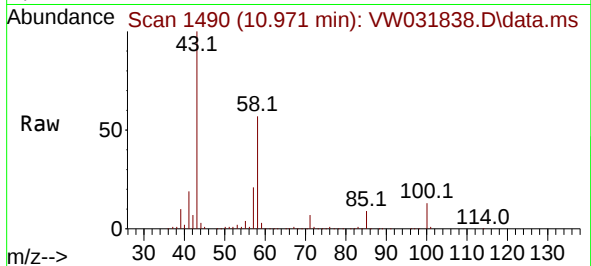




#59
2-Hexanone
Concen: 95.692 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

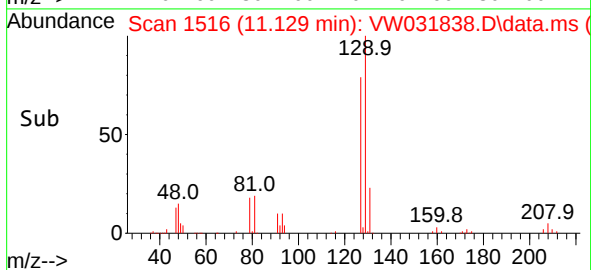
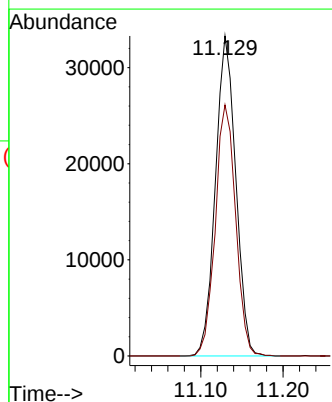
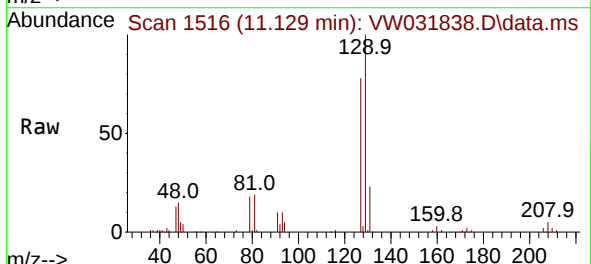
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

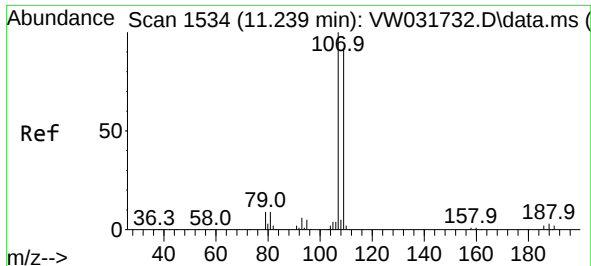
Tgt Ion: 43 Resp: 160456
Ion Ratio Lower Upper
43 100
58 56.2 27.9 83.6



#60
Dibromochloromethane
Concen: 19.980 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:129 Resp: 57188
Ion Ratio Lower Upper
129 100
127 78.5 38.0 114.1

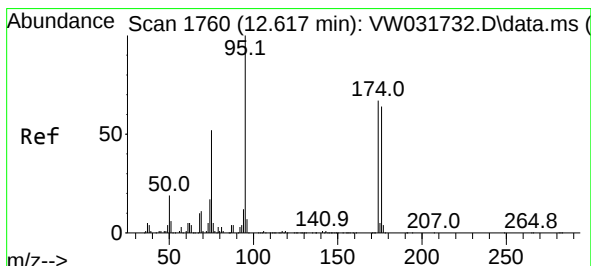
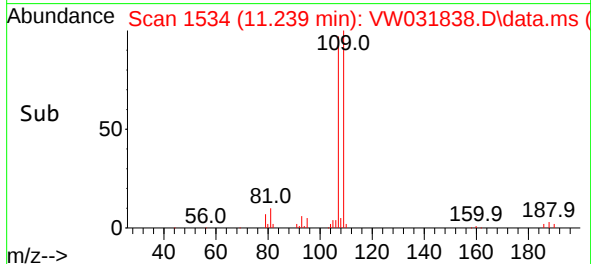
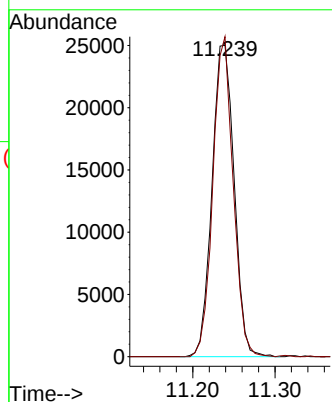
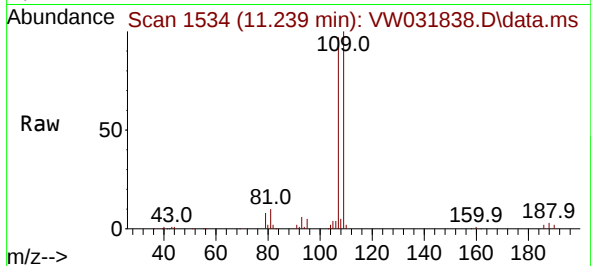




#61
1,2-Dibromoethane
Concen: 19.544 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

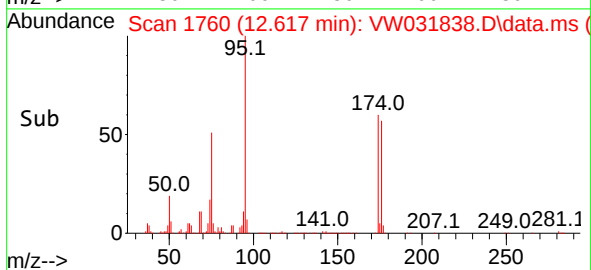
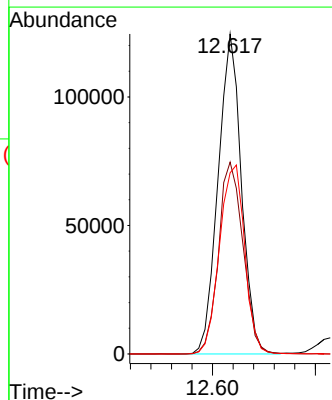
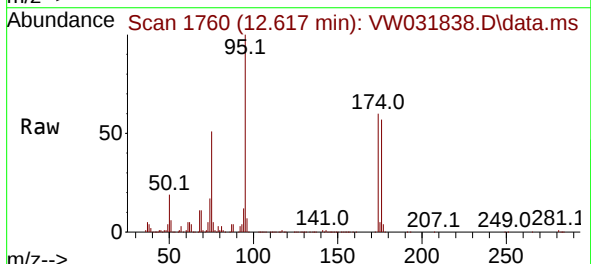
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

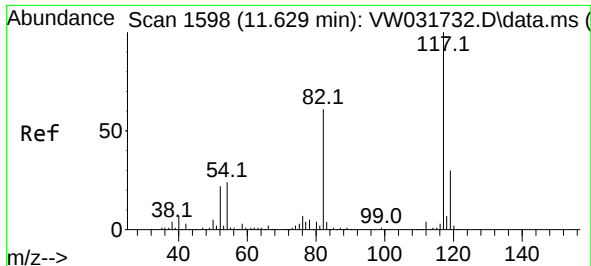
Tgt Ion:107 Resp: 46829
Ion Ratio Lower Upper
107 100
109 93.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.298 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 95 Resp: 195906
Ion Ratio Lower Upper
95 100
174 63.3 0.0 133.8
176 63.9 0.0 126.0

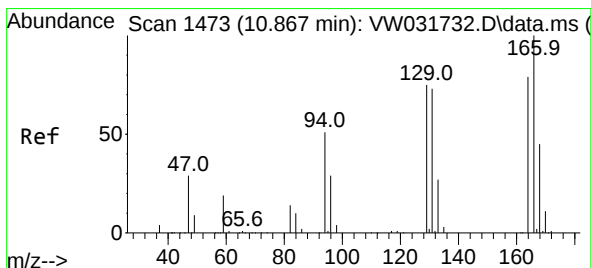
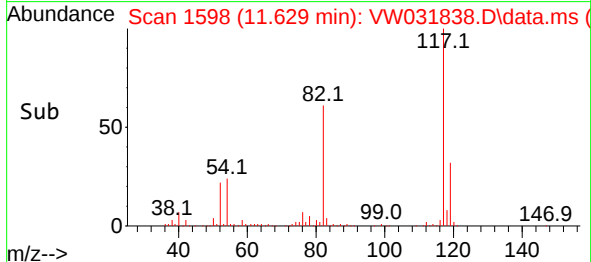
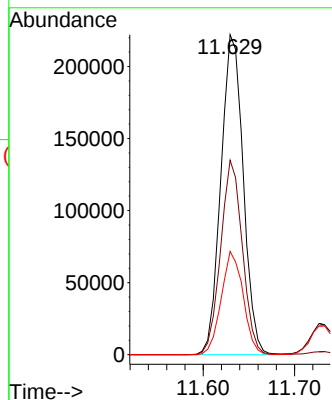
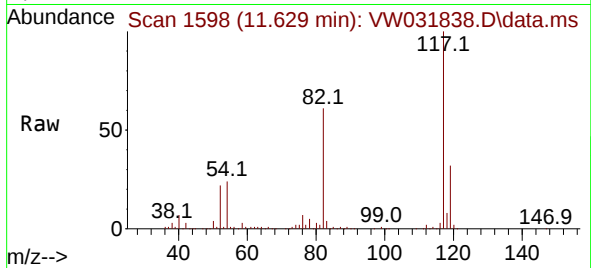




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

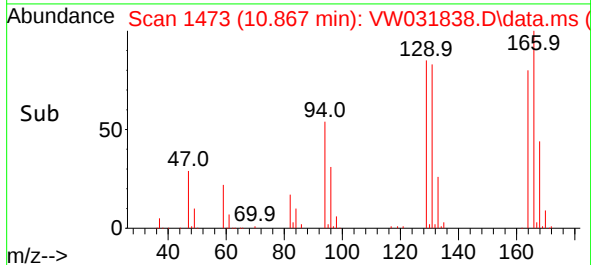
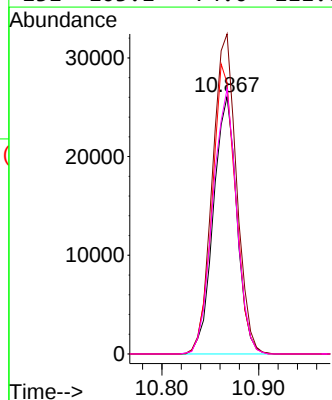
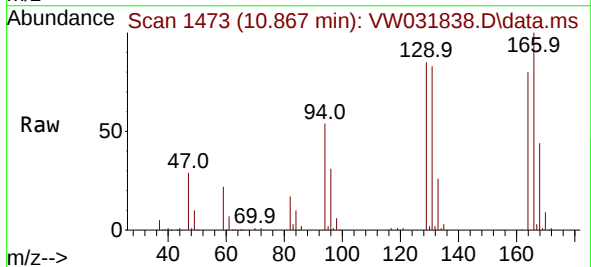
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

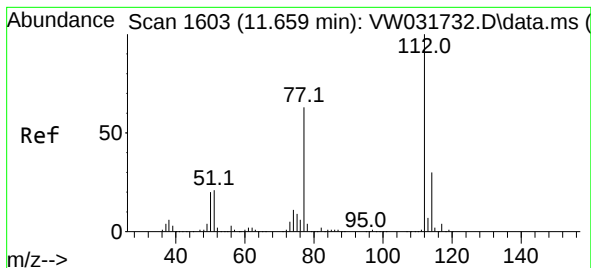
Tgt Ion:117 Resp: 378051
Ion Ratio Lower Upper
117 100
82 60.7 48.6 72.8
119 32.2 23.9 35.9



#64
Tetrachloroethene
Concen: 17.684 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:164 Resp: 43730
Ion Ratio Lower Upper
164 100
166 124.4 100.7 151.1
129 105.3 75.4 113.0
131 103.1 74.0 111.0





#65

Chlorobenzene

Concen: 20.347 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

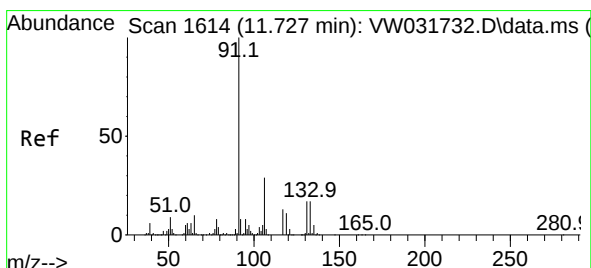
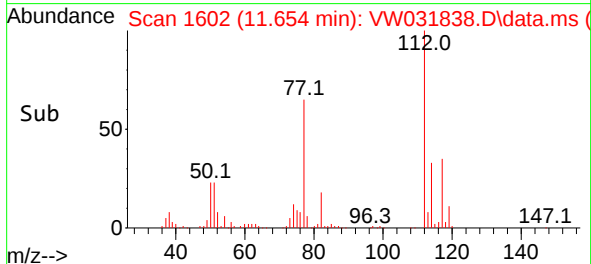
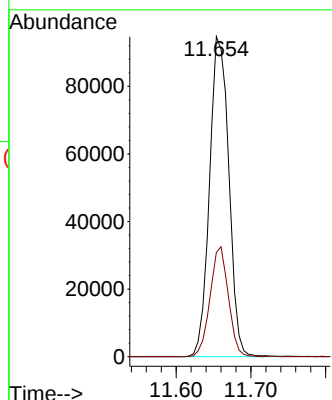
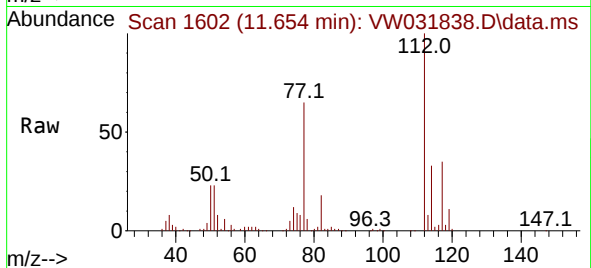
VW0714SBS01

Tgt Ion:112 Resp: 169717

Ion Ratio Lower Upper

112 100

114 32.6 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.499 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

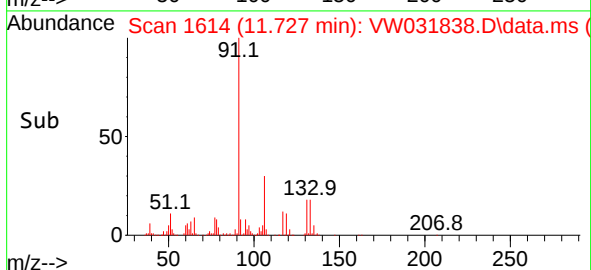
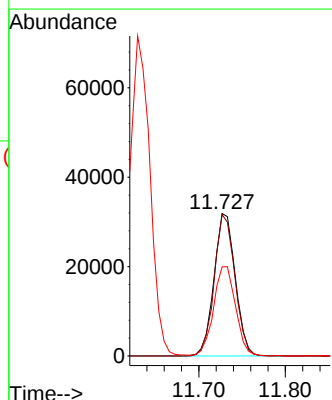
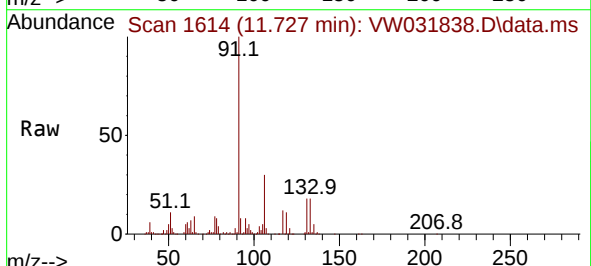
Tgt Ion:131 Resp: 54487

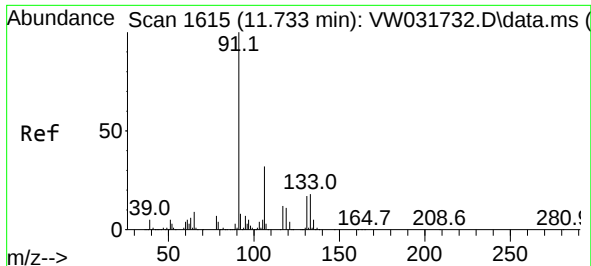
Ion Ratio Lower Upper

131 100

133 96.6 48.5 145.6

119 64.8 32.5 97.5

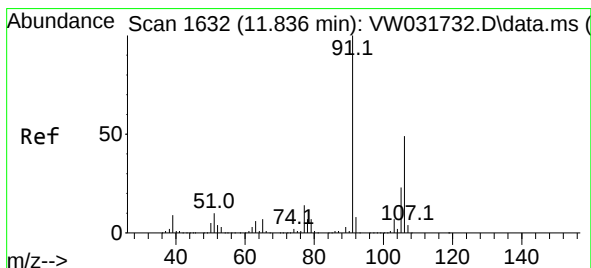
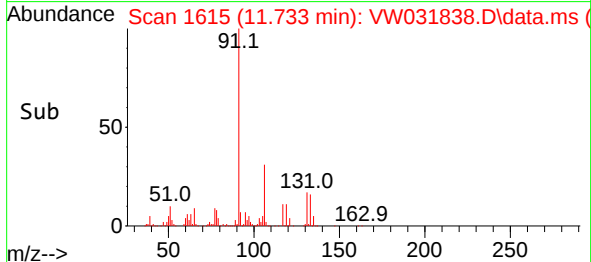
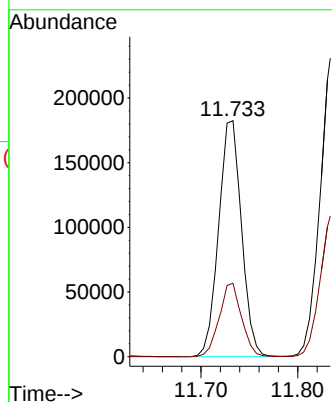
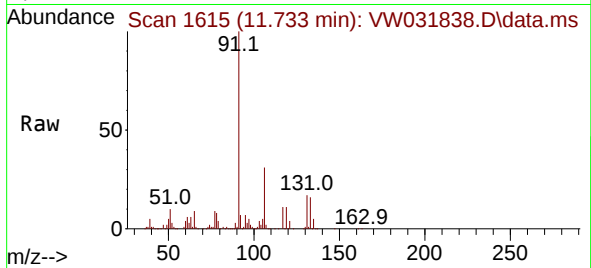




#67
Ethyl Benzene
Concen: 20.747 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

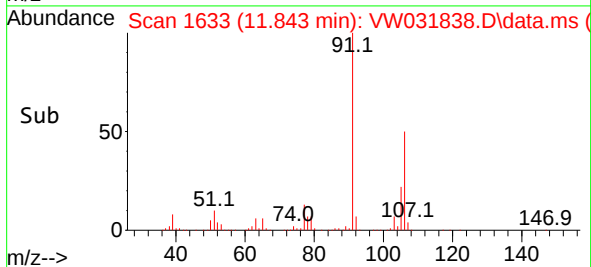
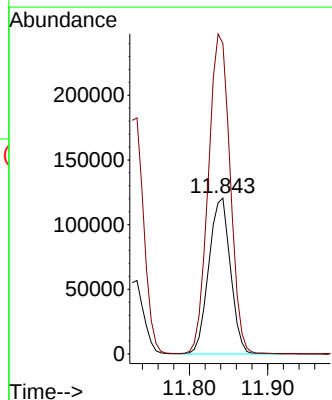
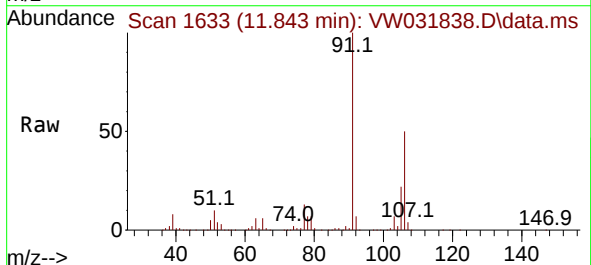
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

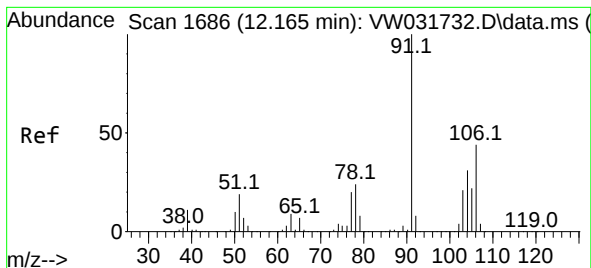
Tgt Ion: 91 Resp: 300085
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 41.556 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:106 Resp: 231057
Ion Ratio Lower Upper
106 100
91 207.5 166.4 249.6

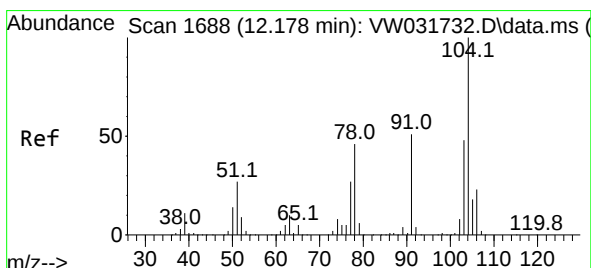
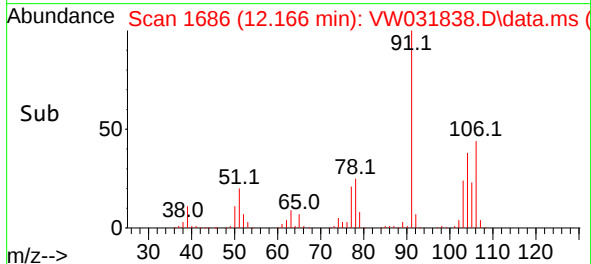
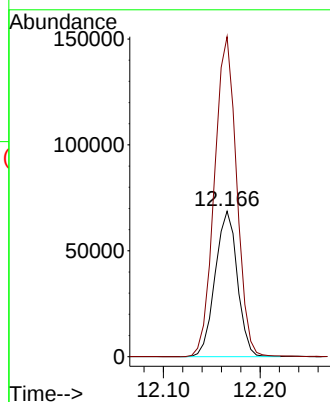
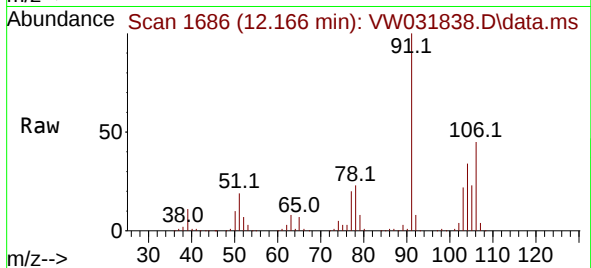




#69
o-Xylene
Concen: 21.238 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

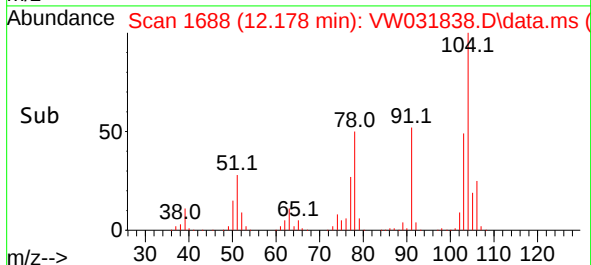
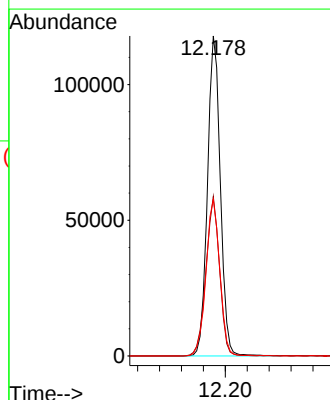
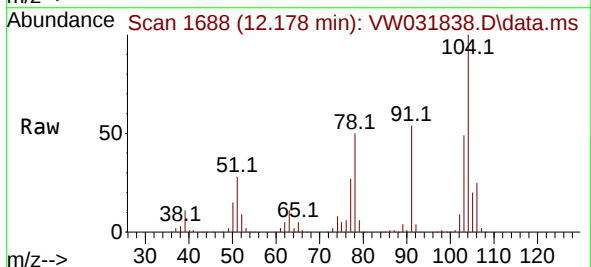
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Tgt Ion:106 Resp: 109337
Ion Ratio Lower Upper
106 100
91 220.6 111.5 334.4



#70
Styrene
Concen: 21.513 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:104 Resp: 191458
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 52.6 43.0 64.6





#71

Bromoform

Concen: 18.302 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

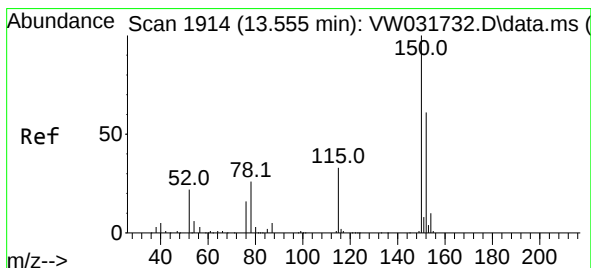
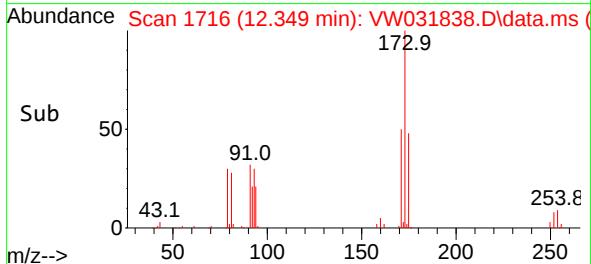
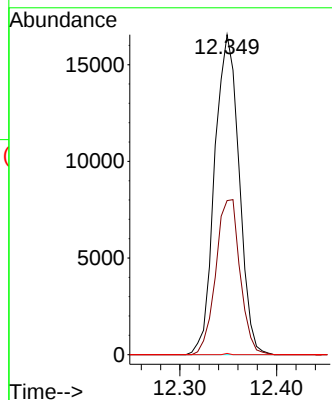
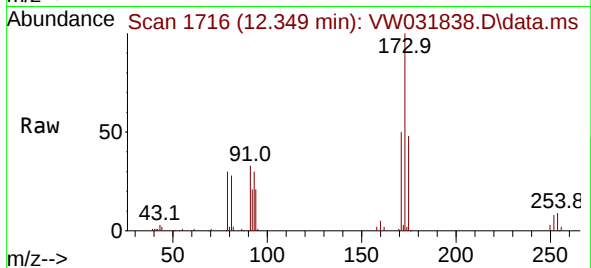
Tgt Ion:173 Resp: 29021

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

254 0.1 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: VW031838.D

Acq: 14 Jul 2025 10:14

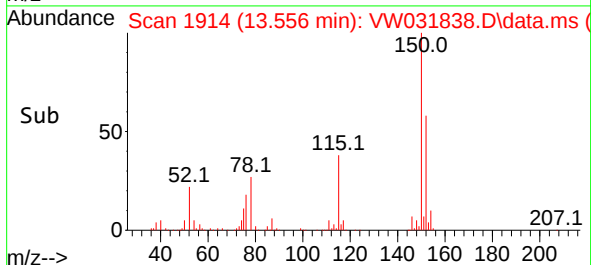
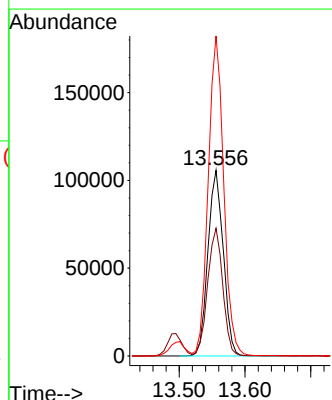
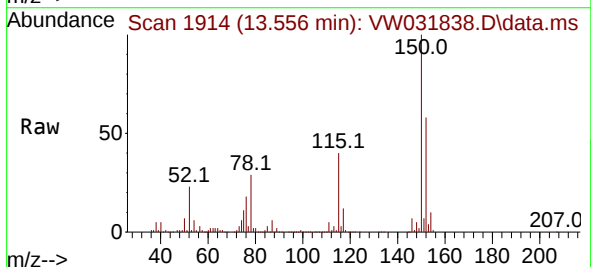
Tgt Ion:152 Resp: 171979

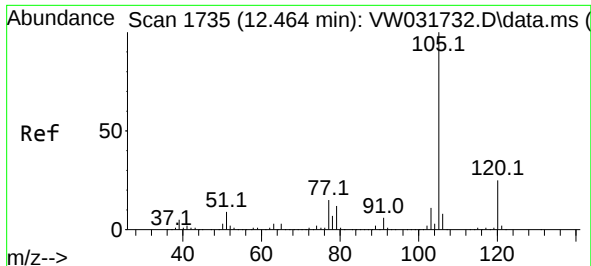
Ion Ratio Lower Upper

152 100

115 67.4 31.9 95.7

150 173.5 0.0 356.4

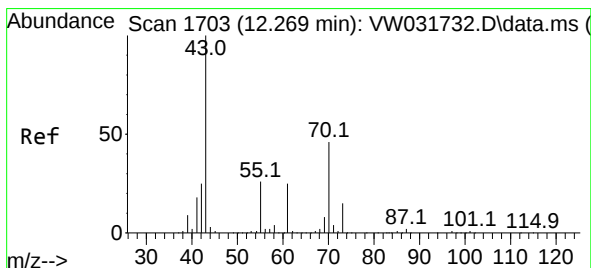
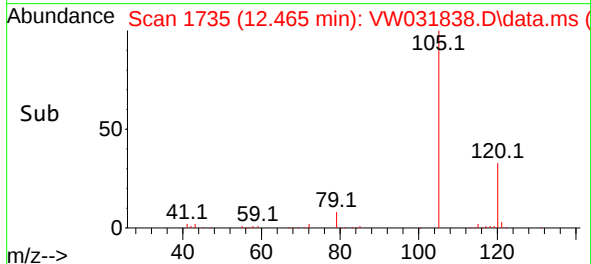
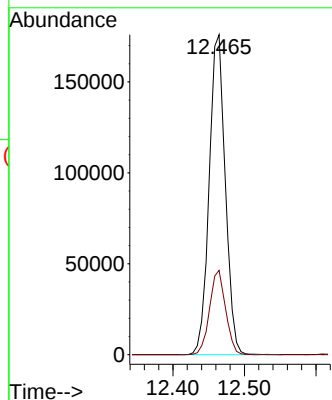
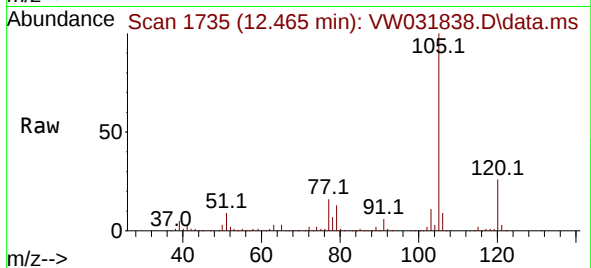




#73
Isopropylbenzene
Concen: 21.030 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

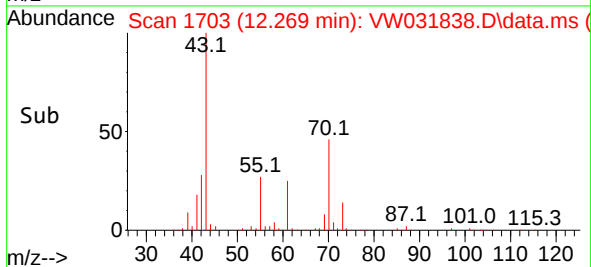
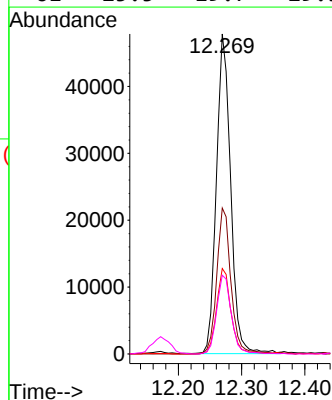
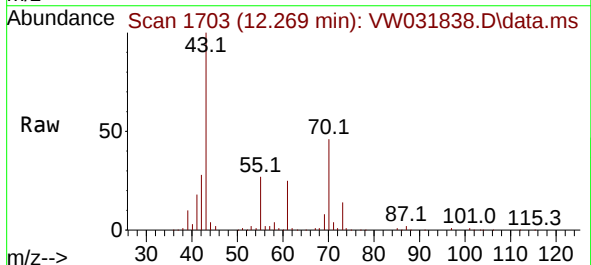
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

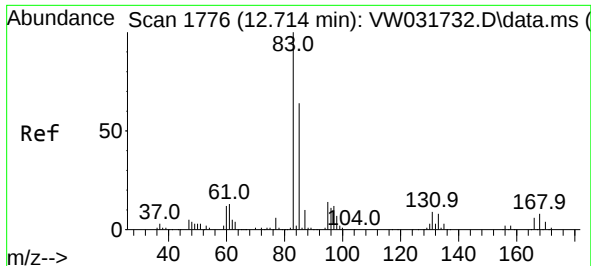
Tgt Ion:105 Resp: 275112
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4



#74
N-ethyl acetate
Concen: 21.136 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 43 Resp: 74524
Ion Ratio Lower Upper
43 100
70 45.5 36.0 54.0
55 27.1 20.8 31.2
61 25.5 19.7 29.5

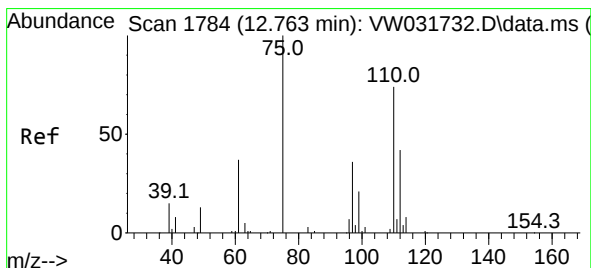
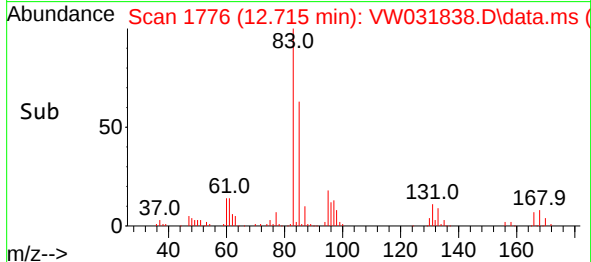
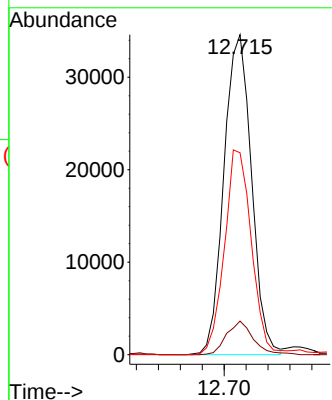
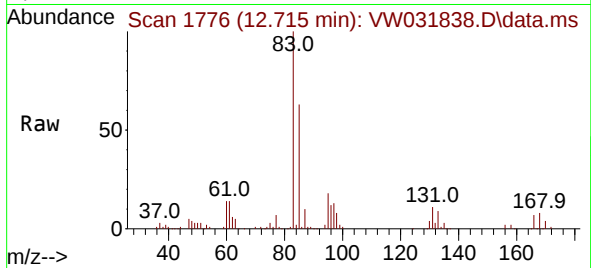




#75
1,1,2,2-Tetrachloroethane
Concen: 20.771 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

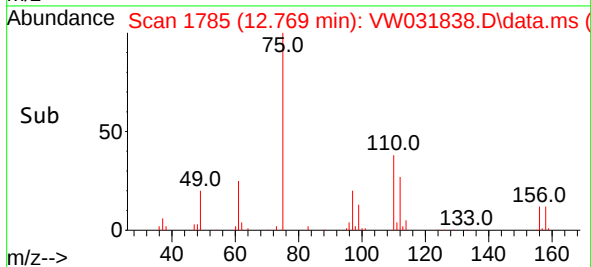
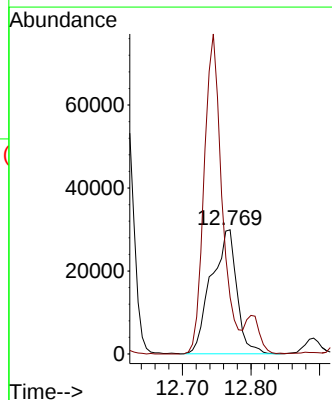
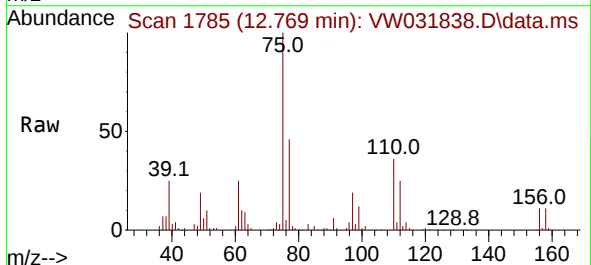
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

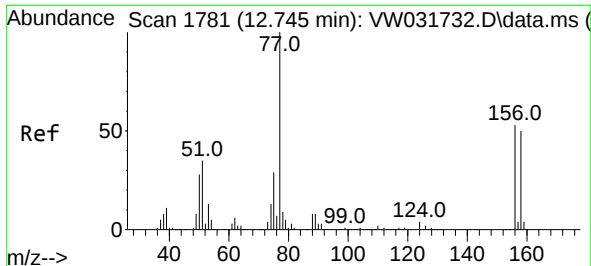
Tgt Ion: 83 Resp: 60325
Ion Ratio Lower Upper
83 100
131 10.1 5.3 16.1
85 62.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 34.708 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 75 Resp: 77136
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#

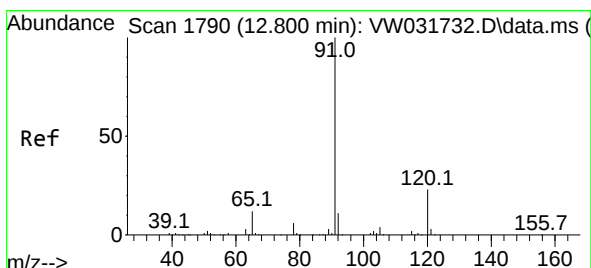
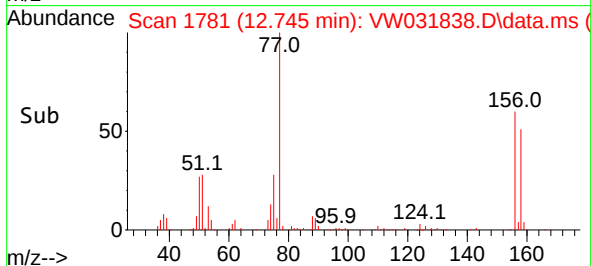
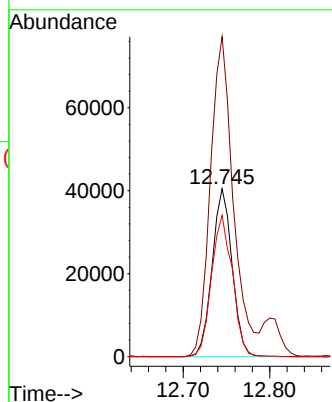
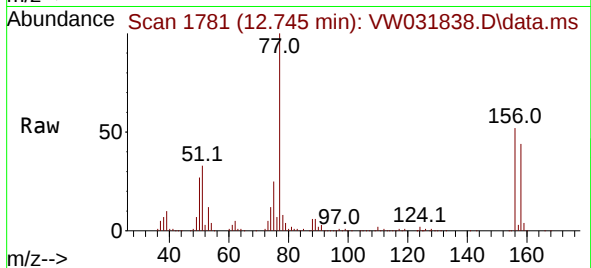




#77
Bromobenzene
Concen: 22.261 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

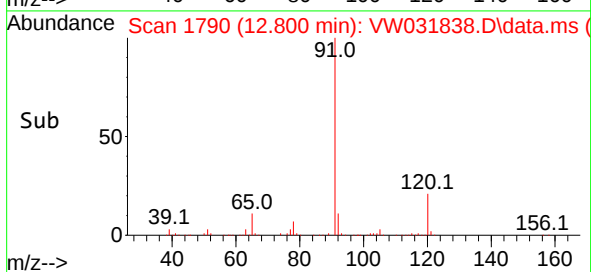
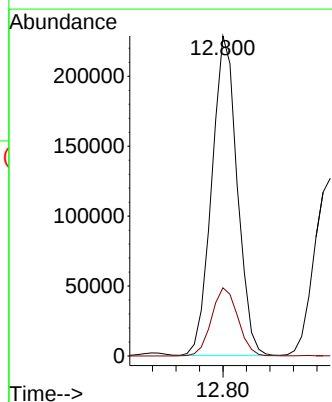
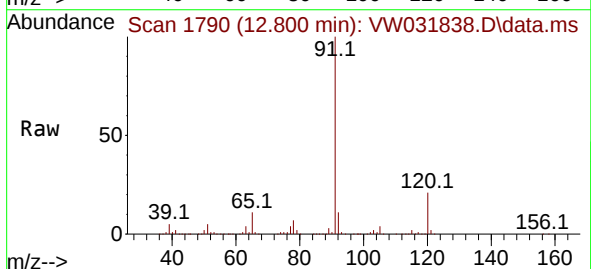
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

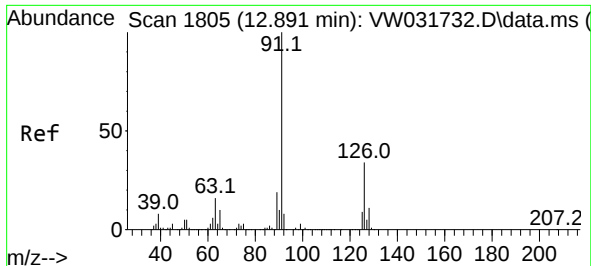
Tgt Ion:156 Resp: 64951
Ion Ratio Lower Upper
156 100
77 218.4 117.9 353.7
158 88.1 52.6 157.8



#78
n-propylbenzene
Concen: 21.932 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 91 Resp: 343558
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.099 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

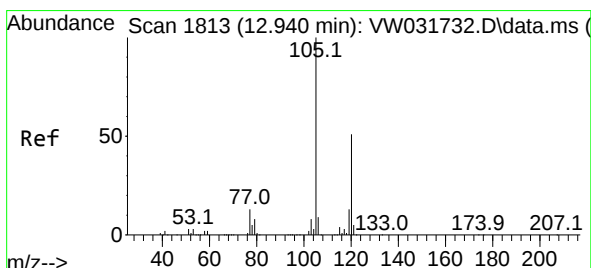
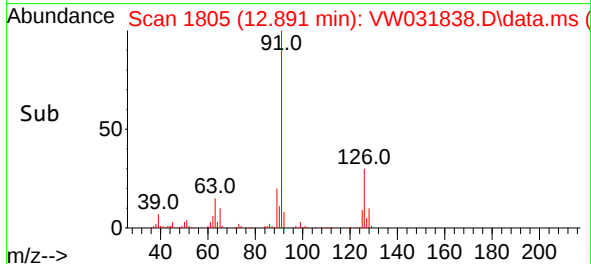
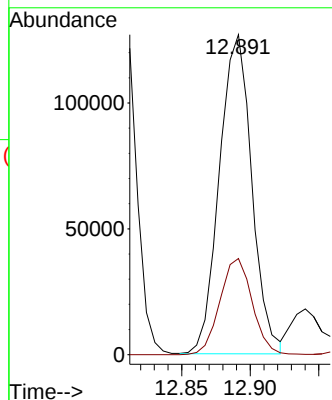
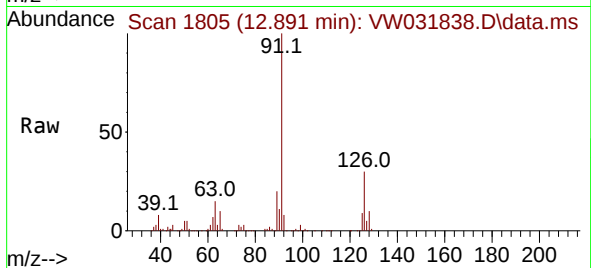
VW0714SBS01

Tgt Ion: 91 Resp: 208461

Ion Ratio Lower Upper

91 100

126 30.1 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 22.744 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031838.D

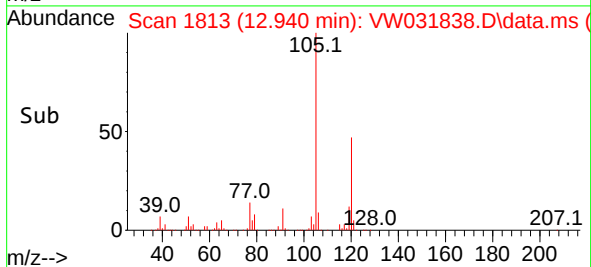
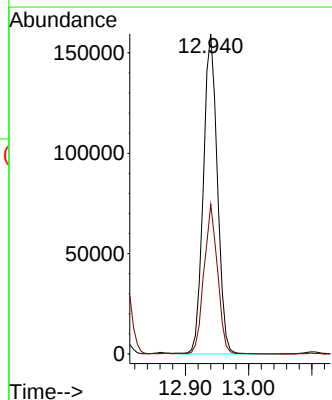
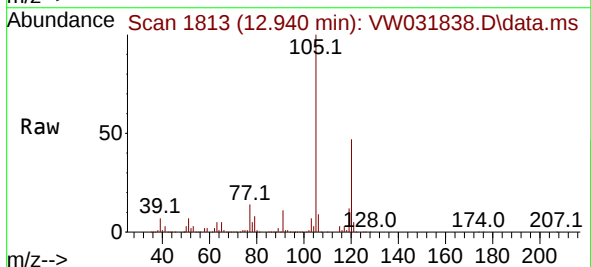
Acq: 14 Jul 2025 10:14

Tgt Ion:105 Resp: 246277

Ion Ratio Lower Upper

105 100

120 45.3 23.8 71.2

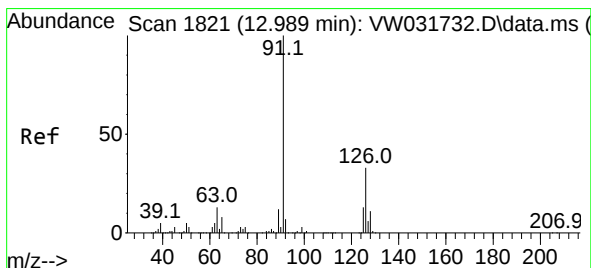
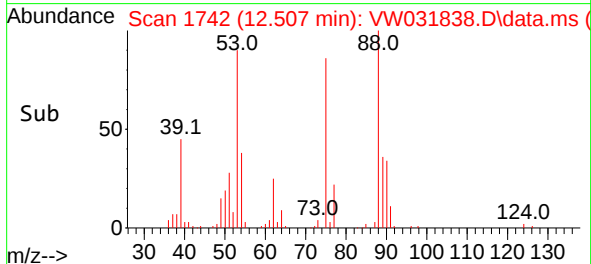
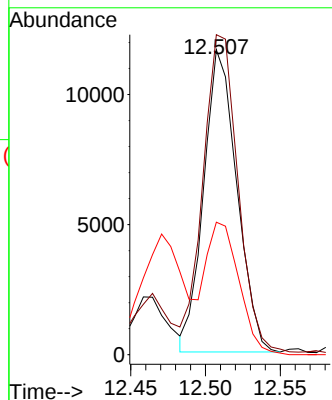
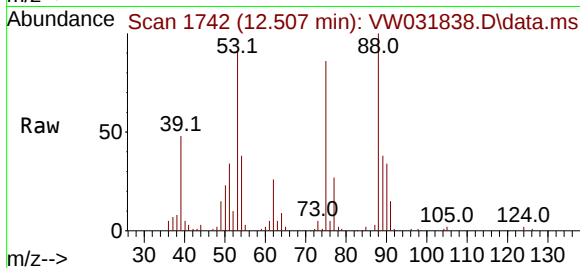




#81
trans-1,4-Dichloro-2-butene
Concen: 18.762 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

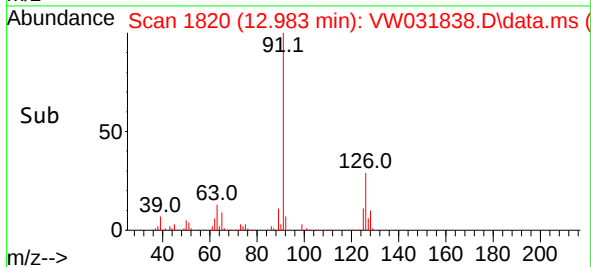
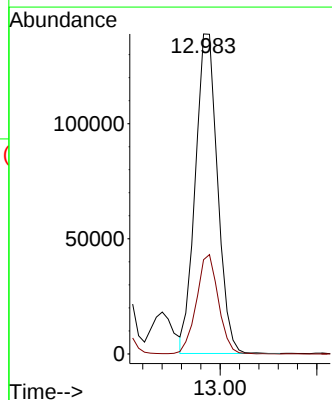
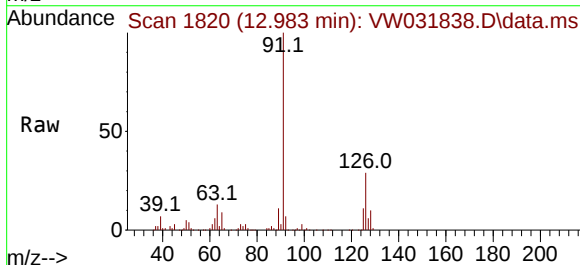
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

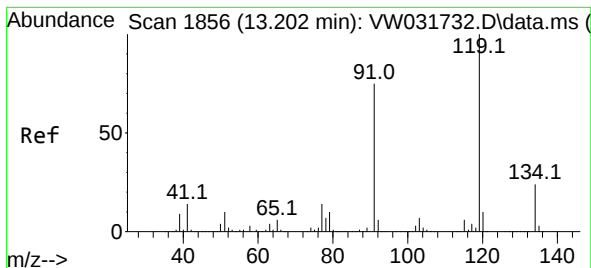
Tgt Ion:	75	Resp:	17902
Ion	Ratio	Lower	Upper
75	100		
53	111.0	83.5	125.3
89	42.6	38.3	57.5



#82
4-Chlorotoluene
Concen: 22.378 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion:	91	Resp:	221618
Ion	Ratio	Lower	Upper
91	100		
126	30.9	16.0	47.9





#83

tert-Butylbenzene

Concen: 21.364 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

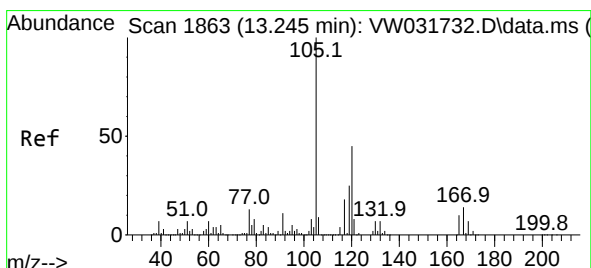
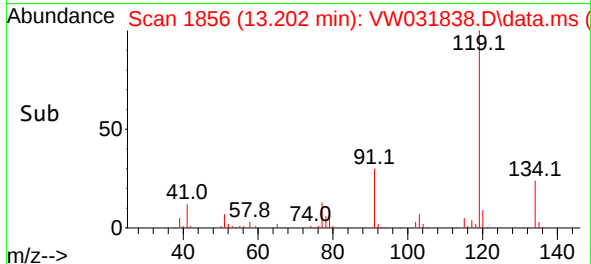
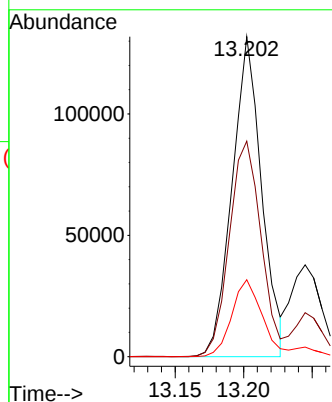
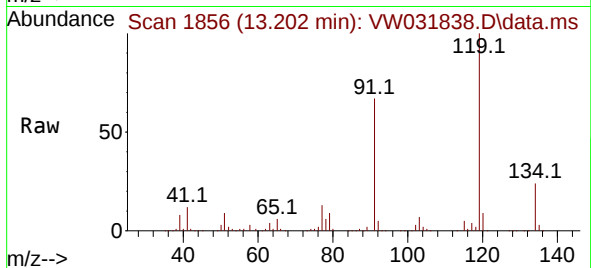
Tgt Ion:119 Resp: 198157

Ion Ratio Lower Upper

119 100

91 72.2 36.0 108.1

134 24.8 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 23.069 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031838.D

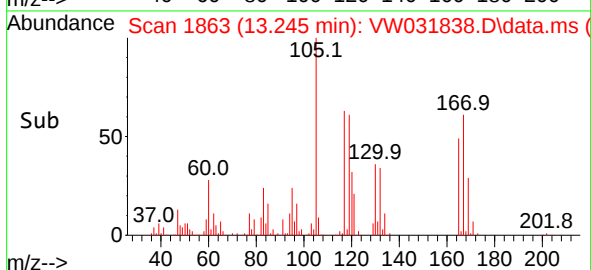
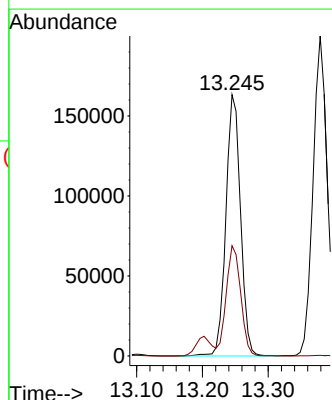
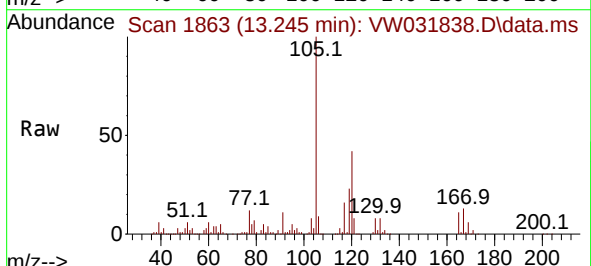
Acq: 14 Jul 2025 10:14

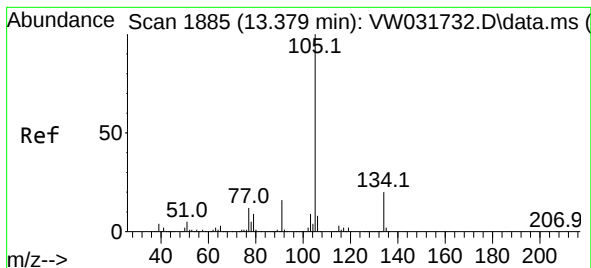
Tgt Ion:105 Resp: 253100

Ion Ratio Lower Upper

105 100

120 41.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 21.583 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

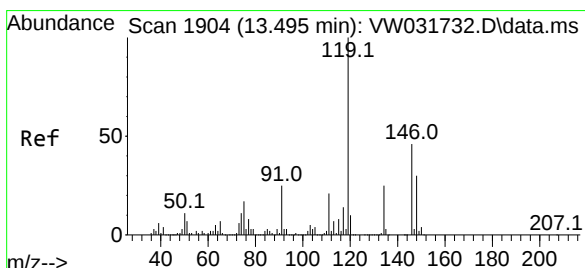
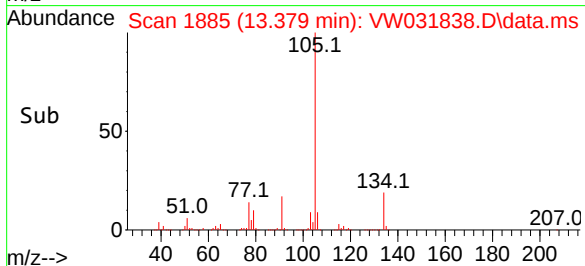
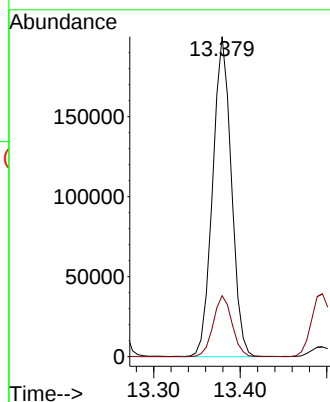
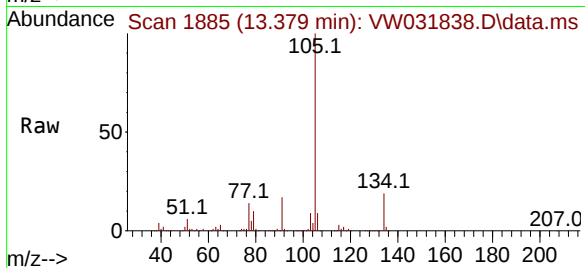
VW0714SBS01

Tgt Ion:105 Resp: 300477

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 22.582 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

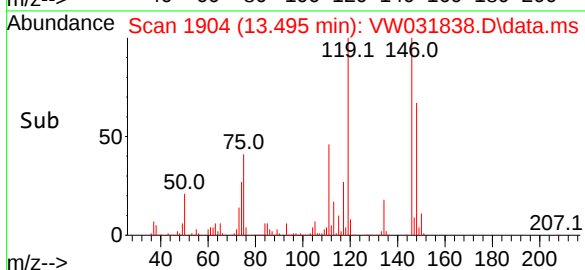
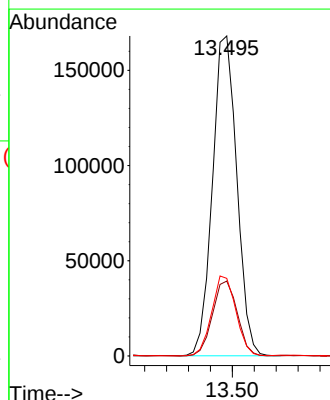
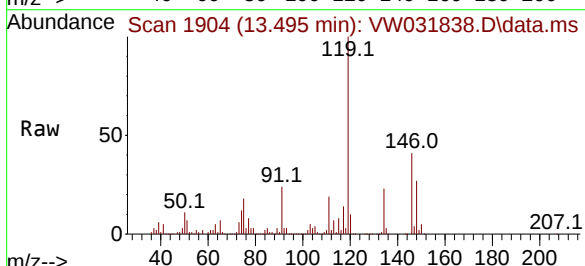
Tgt Ion:119 Resp: 259099

Ion Ratio Lower Upper

119 100

134 23.9 12.9 38.7

91 24.8 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.454 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

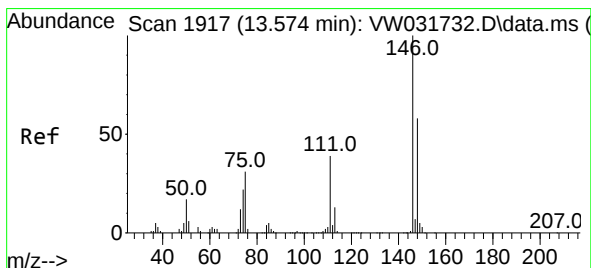
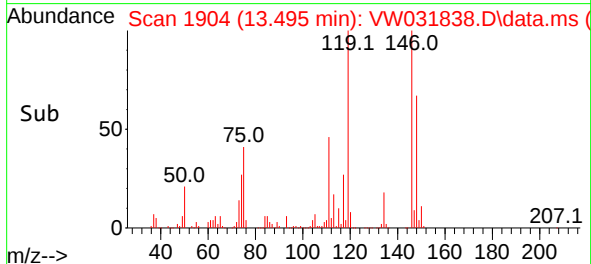
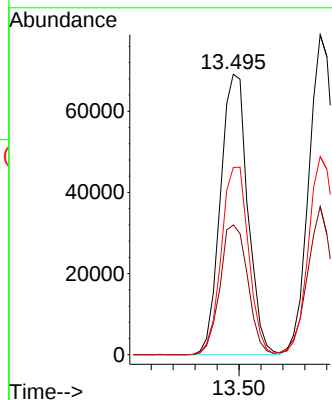
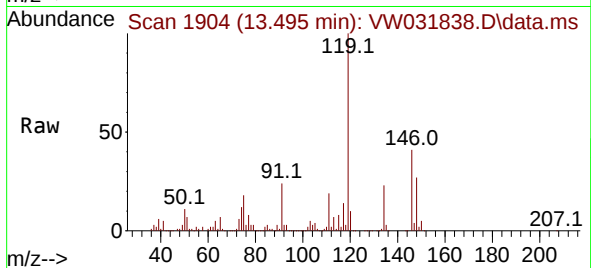
Tgt Ion:146 Resp: 119680

Ion Ratio Lower Upper

146 100

111 46.9 22.3 66.9

148 66.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 21.578 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

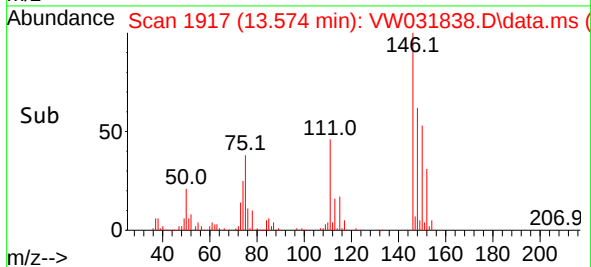
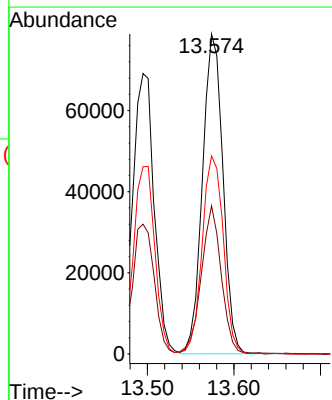
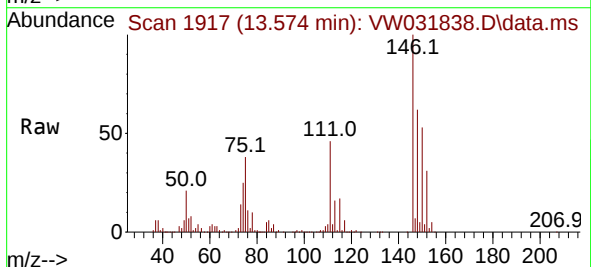
Tgt Ion:146 Resp: 129229

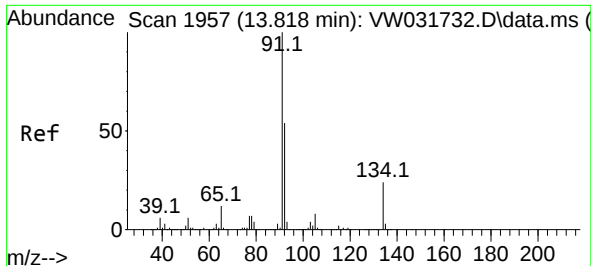
Ion Ratio Lower Upper

146 100

111 44.9 20.4 61.3

148 64.0 30.2 90.6

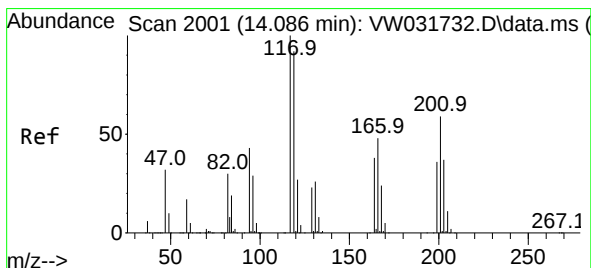
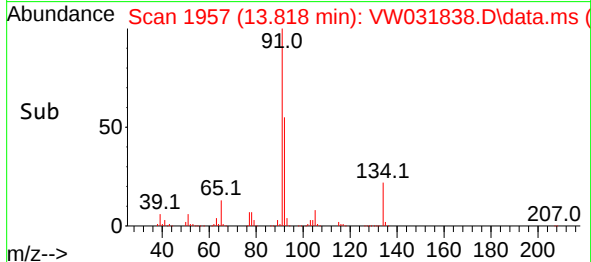
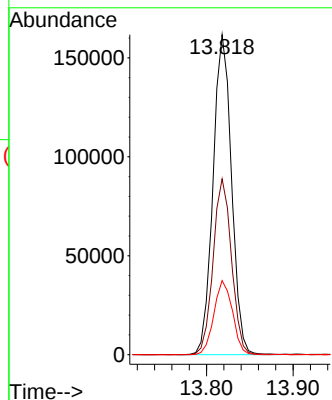
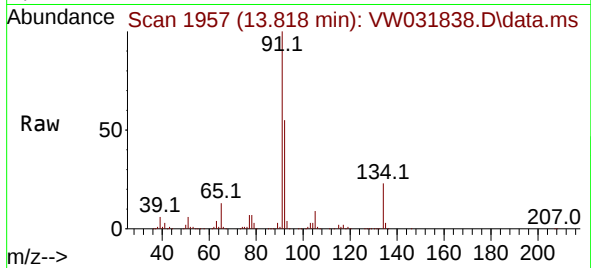




#89
n-Butylbenzene
Concen: 21.533 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

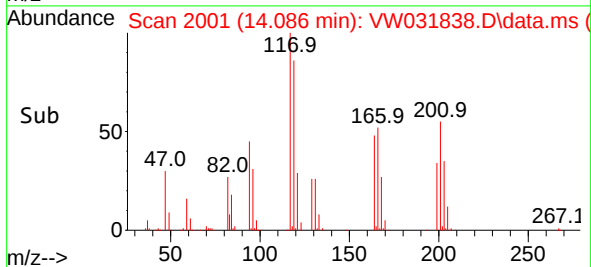
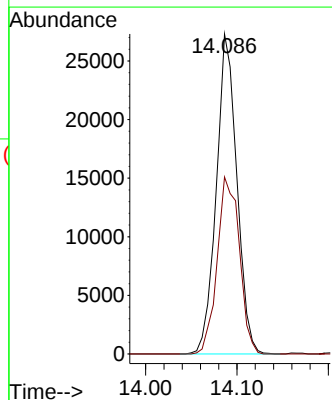
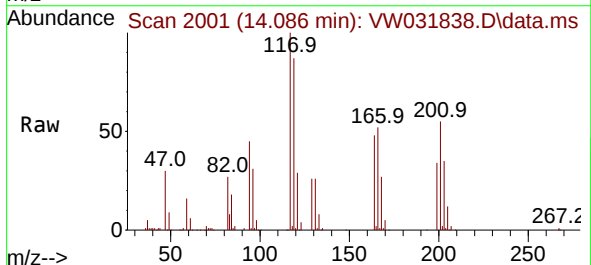
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

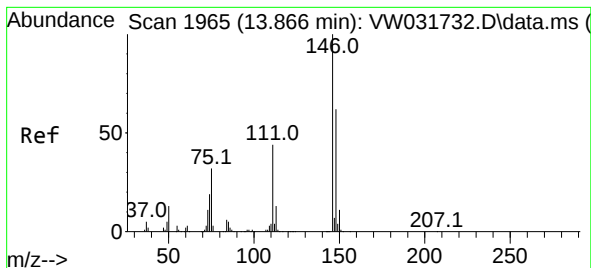
Tgt Ion: 91 Resp: 240051
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 23.2 12.2 36.6



#90
Hexachloroethane
Concen: 20.615 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031838.D
Acq: 14 Jul 2025 10:14

Tgt Ion: 117 Resp: 42673
Ion Ratio Lower Upper
117 100
201 59.6 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 21.586 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

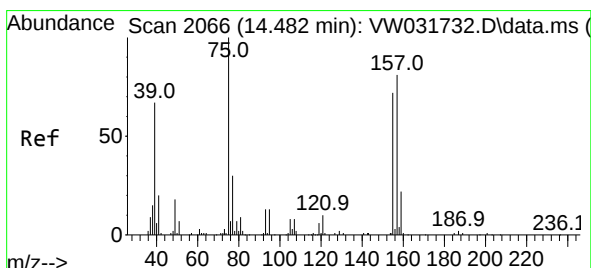
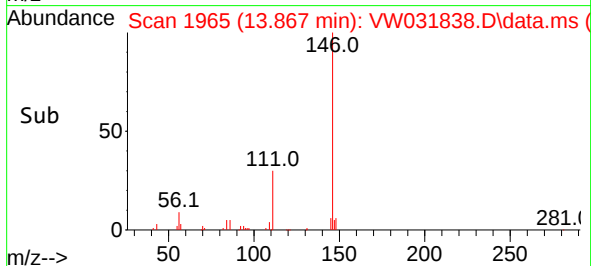
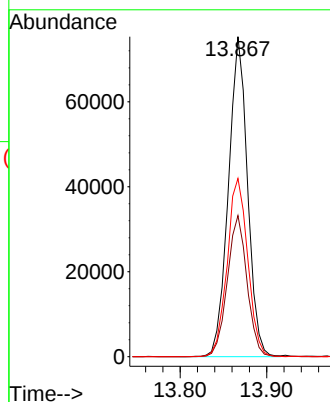
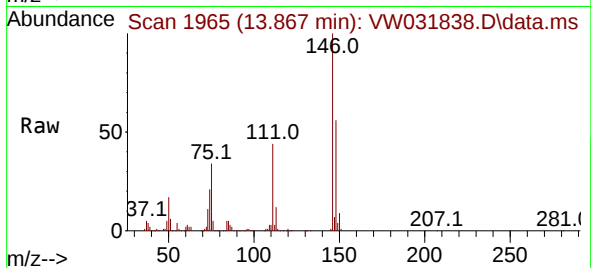
Tgt Ion:146 Resp: 115441

Ion Ratio Lower Upper

146 100

111 45.5 21.7 65.1

148 59.8 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.229 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

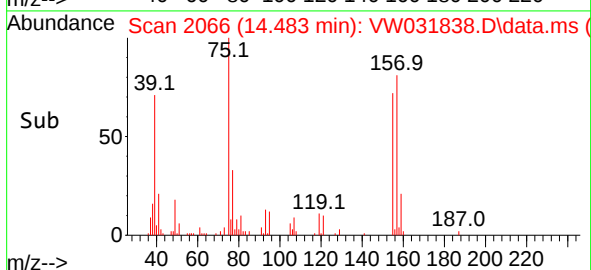
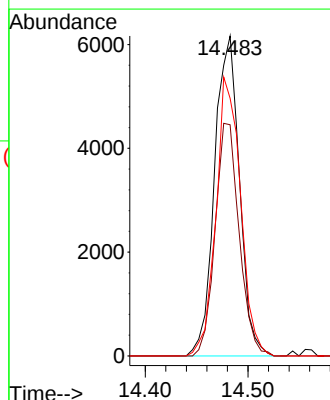
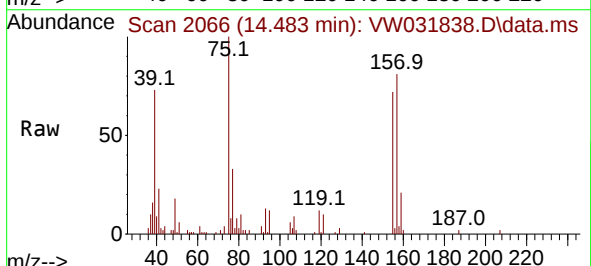
Tgt Ion: 75 Resp: 10337

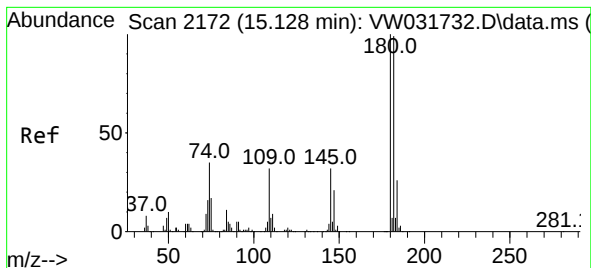
Ion Ratio Lower Upper

75 100

155 70.5 37.2 111.6

157 86.2 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.653 ug/l

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

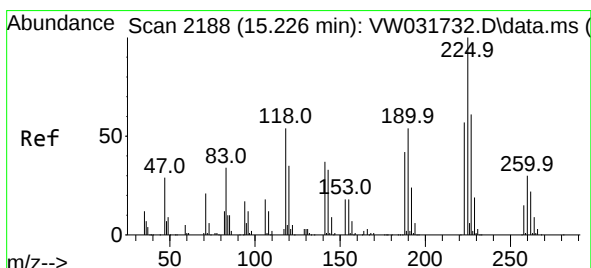
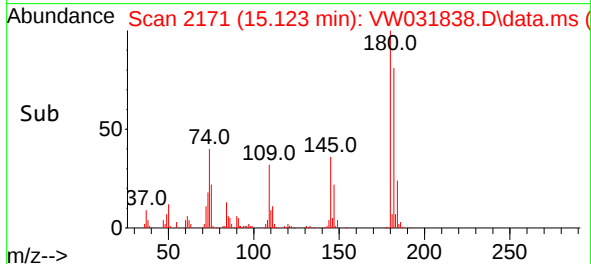
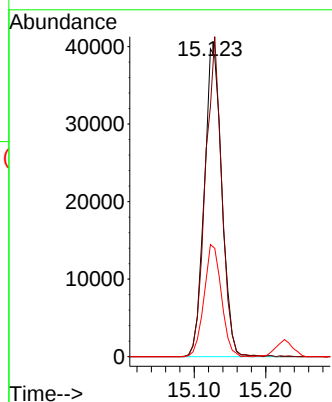
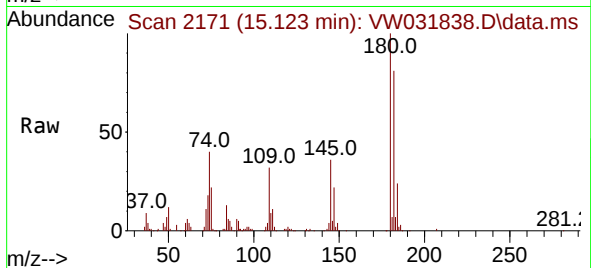
Tgt Ion:180 Resp: 68117

Ion Ratio Lower Upper

180 100

182 96.0 48.6 145.9

145 35.7 17.3 51.7



#94

Hexachlorobutadiene

Concen: 18.970 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

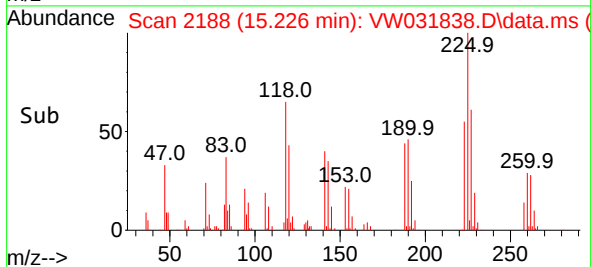
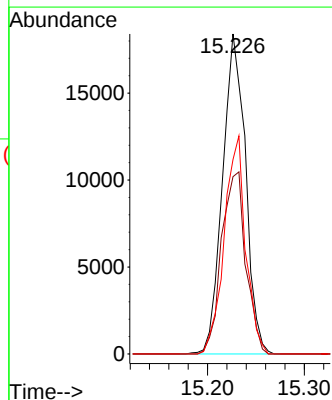
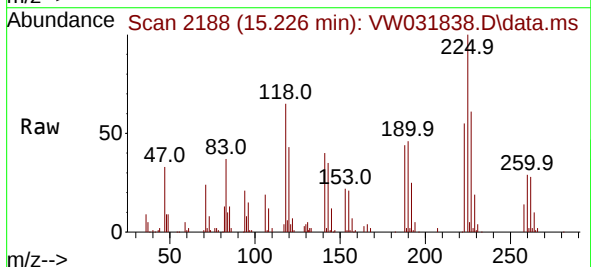
Tgt Ion:225 Resp: 30212

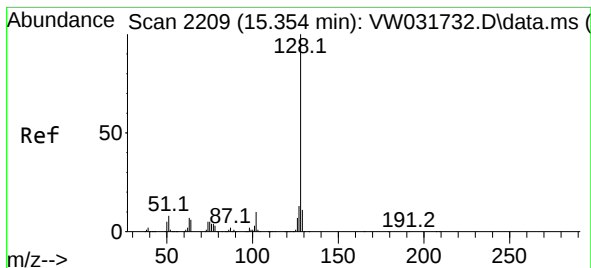
Ion Ratio Lower Upper

225 100

223 60.2 32.6 97.8

227 63.8 37.3 111.8





#95

Naphthalene

Concen: 20.421 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

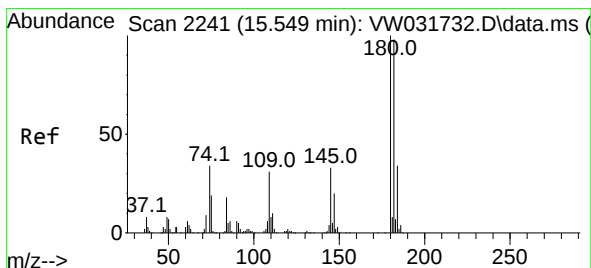
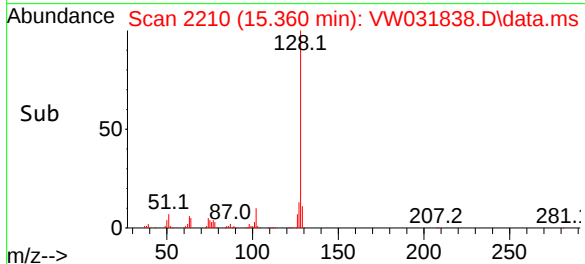
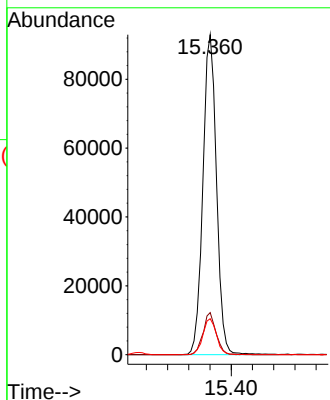
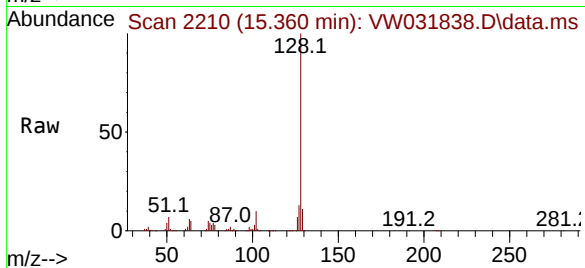
Tgt Ion:128 Resp: 165126

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.753 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031838.D

Acq: 14 Jul 2025 10:14

Tgt Ion:180 Resp: 62893

Ion Ratio Lower Upper

180 100

182 92.5 46.4 139.1

145 35.6 17.8 53.3

