

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031817.D
 Acq On : 11 Jul 2025 11:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:46:50 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	198972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	375996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	344776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	154777	54.204	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.400%	
35) Dibromofluoromethane	7.898	113	126997	51.761	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.520%	
50) Toluene-d8	10.325	98	483433	52.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.617	95	178346	53.078	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	62975	46.474	ug/l	98
3) Chloromethane	2.259	50	84696	51.844	ug/l	97
4) Vinyl Chloride	2.405	62	116664	54.331	ug/l	96
5) Bromomethane	2.832	94	87379	52.098	ug/l	94
6) Chloroethane	2.978	64	78666	53.933	ug/l	96
7) Trichlorofluoromethane	3.307	101	91498	46.920	ug/l	99
8) Diethyl Ether	3.722	74	83594	56.413	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	116351	53.754	ug/l	99
10) Methyl Iodide	4.313	142	176749	52.968	ug/l	100
11) Tert butyl alcohol	5.216	59	38523	217.761	ug/l	95
12) 1,1-Dichloroethene	4.082	96	132014	55.682	ug/l	91
13) Acrolein	3.935	56	50709	159.484	ug/l	98
14) Allyl chloride	4.704	41	204615	56.249	ug/l	98
15) Acrylonitrile	5.399	53	183890	252.355	ug/l	100
16) Acetone	4.161	43	143499	203.318	ug/l	99
17) Carbon Disulfide	4.423	76	329603	51.953	ug/l	97
18) Methyl Acetate	4.710	43	110834	54.947	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	225422	56.018	ug/l	99
20) Methylene Chloride	4.954	84	171631	62.531	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	143094	56.802	ug/l	97
22) Diisopropyl ether	6.337	45	438162	61.761	ug/l	97
23) Vinyl Acetate	6.283	43	1346601	277.887	ug/l	98
24) 1,1-Dichloroethane	6.246	63	267209	58.094	ug/l	100
25) 2-Butanone	7.191	43	231508	252.131	ug/l	99
26) 2,2-Dichloropropane	7.185	77	133558	49.768	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	171959	59.382	ug/l	99
28) Bromochloromethane	7.532	49	112694	55.522	ug/l	98
29) Tetrahydrofuran	7.551	42	159477	253.616	ug/l	99
30) Chloroform	7.697	83	288423	59.013	ug/l	95
31) Cyclohexane	7.971	56	213168	52.430	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	204744	54.360	ug/l	99
36) 1,1-Dichloropropene	8.093	75	194843	54.879	ug/l	99
37) Ethyl Acetate	7.276	43	109277	48.792	ug/l	99
38) Carbon Tetrachloride	8.081	117	182386	50.412	ug/l	100
39) Methylcyclohexane	9.343	83	233224	52.798	ug/l	98
40) Benzene	8.337	78	600782	57.195	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	61844	51.546	ug/l	98
42) 1,2-Dichloroethane	8.410	62	194499	54.800	ug/l	99
43) Isopropyl Acetate	8.435	43	195479	50.633	ug/l	97
44) Trichloroethene	9.105	130	137328	52.380	ug/l	98
45) 1,2-Dichloropropane	9.373	63	146769	57.812	ug/l	100
46) Dibromomethane	9.465	93	90289	55.087	ug/l	94
47) Bromodichloromethane	9.654	83	217029	56.467	ug/l	98
48) Methyl methacrylate	9.441	41	95291	50.197	ug/l	99
49) 1,4-Dioxane	9.459	88	19115	995.768	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	557345	251.107	ug/l	100
52) Toluene	10.392	92	385851	57.372	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	201106	55.768	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	226918	55.508	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	120020	55.902	ug/l	96
56) Ethyl methacrylate	10.648	69	165136	56.695	ug/l	97
57) 1,3-Dichloropropane	10.934	76	211630	56.144	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	420031	261.883	ug/l	97
59) 2-Hexanone	10.971	43	378302	251.521	ug/l	100
60) Dibromochloromethane	11.129	129	142988	55.694	ug/l	99
61) 1,2-Dibromoethane	11.233	107	112557	52.369	ug/l	99
64) Tetrachloroethene	10.867	164	105360	46.718	ug/l	86
65) Chlorobenzene	11.654	112	413332	54.336	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	131174	54.113	ug/l	98
67) Ethyl Benzene	11.727	91	710907	53.894	ug/l	98
68) m/p-Xylenes	11.836	106	566179	111.656	ug/l	98
69) o-Xylene	12.166	106	265395	56.528	ug/l	97
70) Styrene	12.178	104	460466	56.732	ug/l	99
71) Bromoform	12.349	173	69356	47.961	ug/l #	99
73) Isopropylbenzene	12.458	105	675485	55.162	ug/l	100
74) N-amyl acetate	12.269	43	175622	53.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	140579	51.710	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	181548	87.267	ug/l	48
77) Bromobenzene	12.745	156	147643	54.059	ug/l	95
78) n-propylbenzene	12.800	91	833721	56.857	ug/l	97
79) 2-Chlorotoluene	12.891	91	508849	57.627	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	577037	56.929	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	43852	49.096	ug/l	94
82) 4-Chlorotoluene	12.983	91	522197	56.329	ug/l	99
83) tert-Butylbenzene	13.202	119	485811	55.953	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	586597	57.117	ug/l	97
85) sec-Butylbenzene	13.379	105	717686	55.070	ug/l	99
86) p-Isopropyltoluene	13.495	119	623814	58.081	ug/l	97
87) 1,3-Dichlorobenzene	13.501	146	304661	55.624	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	303075	54.061	ug/l	98
89) n-Butylbenzene	13.818	91	581890	55.761	ug/l	99
90) Hexachloroethane	14.086	117	106341	54.881	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	278291	55.590	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	24189	45.569	ug/l	97
93) 1,2,4-Trichlorobenzene	15.122	180	158651	51.387	ug/l	99
94) Hexachlorobutadiene	15.226	225	73982	49.625	ug/l	92
95) Naphthalene	15.360	128	392173	51.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152916	53.904	ug/l	98

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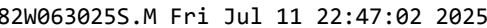
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MSVOA_W
ClientSampleId :

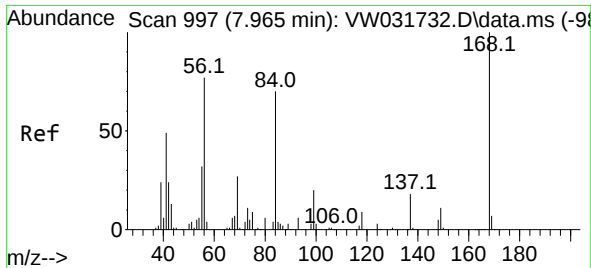
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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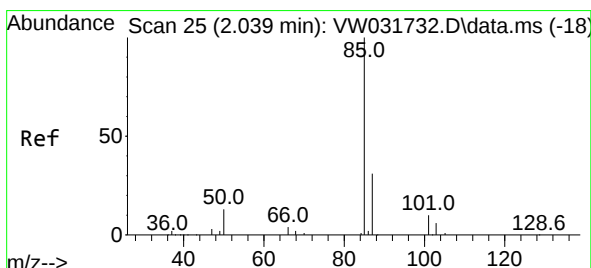
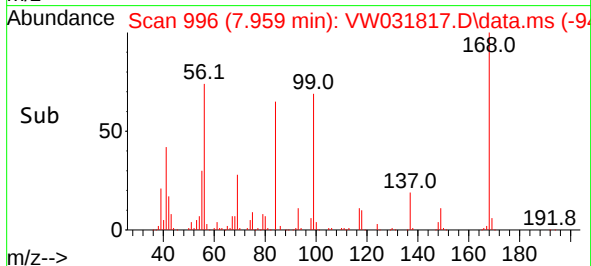
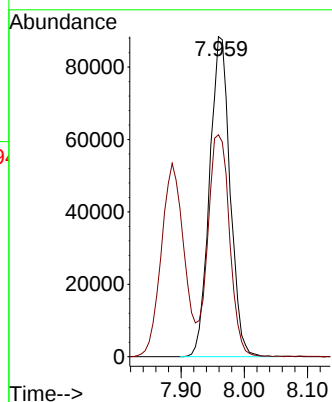
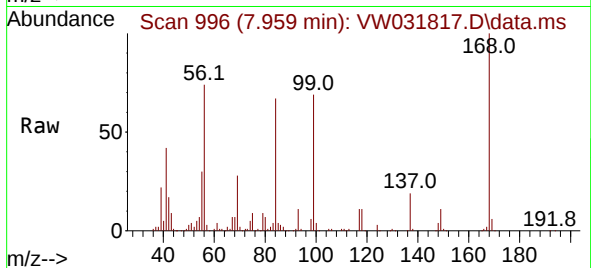




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031817.D
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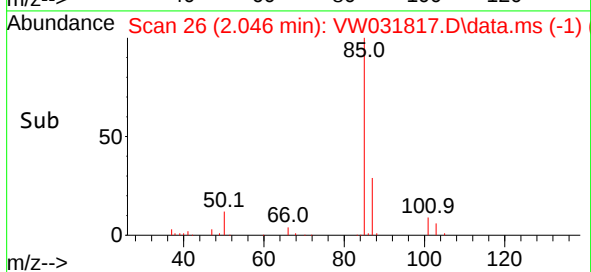
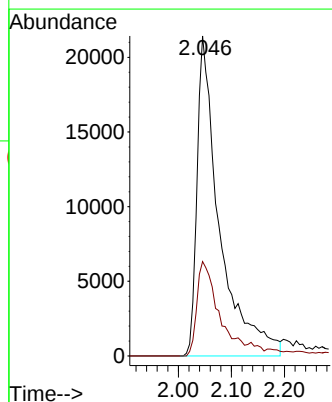
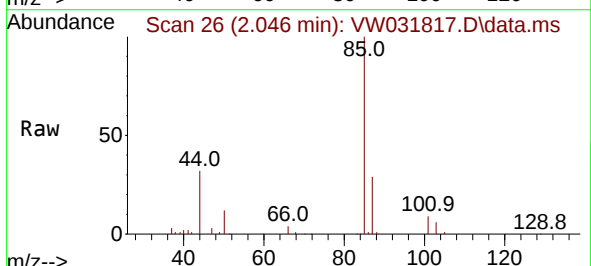
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ClientSampleId :

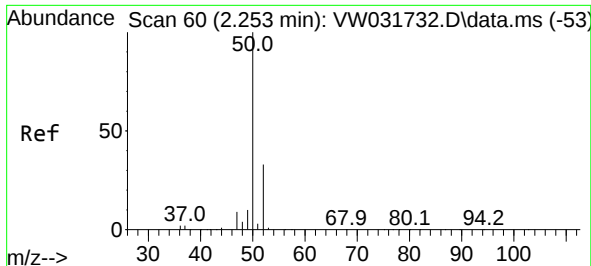
Tgt Ion:168 Resp: 198972
Ion Ratio Lower Upper
168 100
99 69.3 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 46.474 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 85 Resp: 62975
Ion Ratio Lower Upper
85 100
87 29.5 15.4 46.2

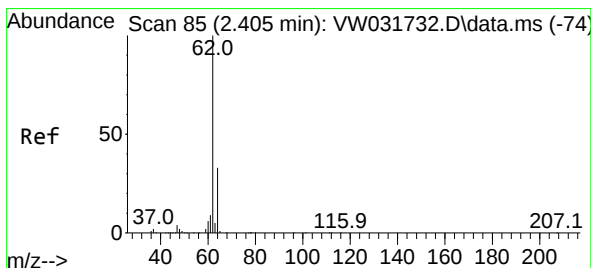
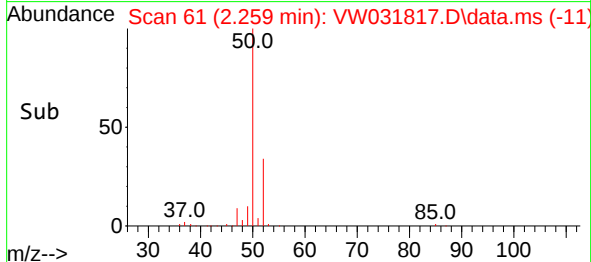
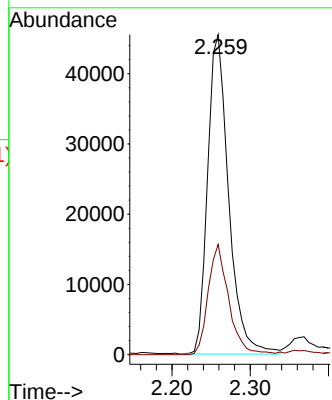
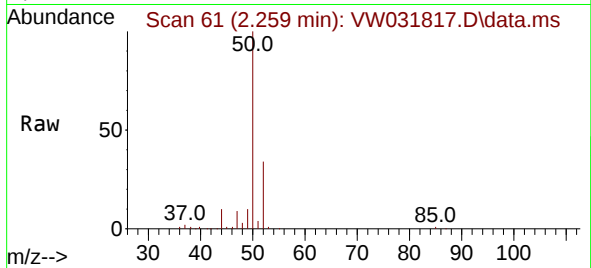




#3
Chloromethane
Concen: 51.844 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

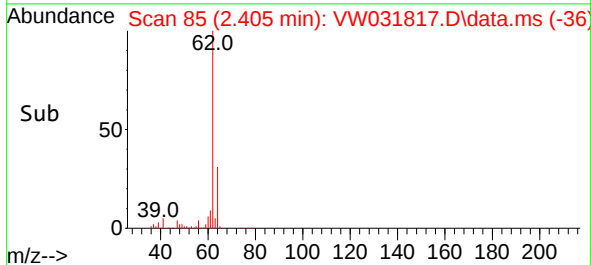
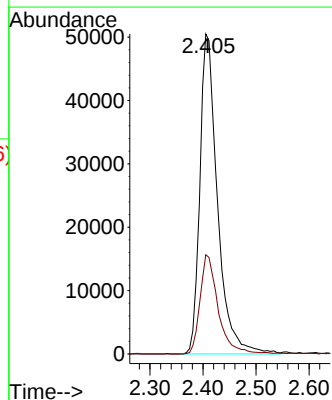
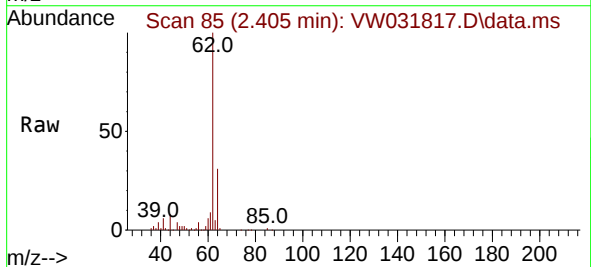
Instrument :
MSVOA_W
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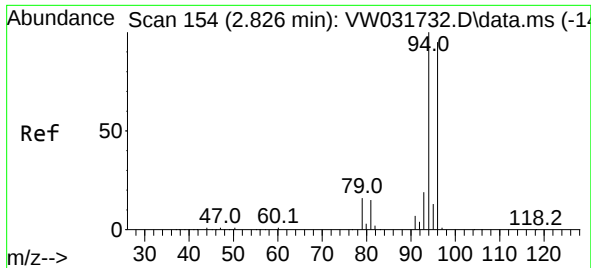
Tgt Ion: 50 Resp: 84696
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2



#4
Vinyl Chloride
Concen: 54.331 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 62 Resp: 116664
Ion Ratio Lower Upper
62 100
64 31.0 26.8 40.2

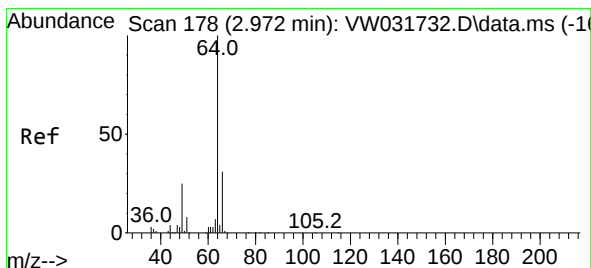
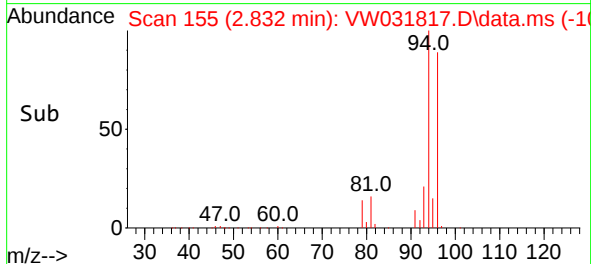
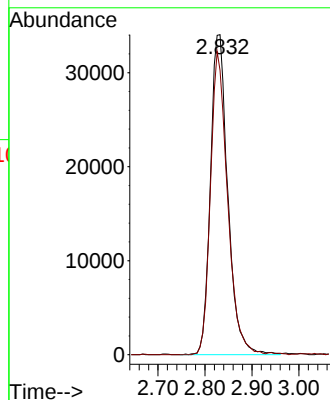
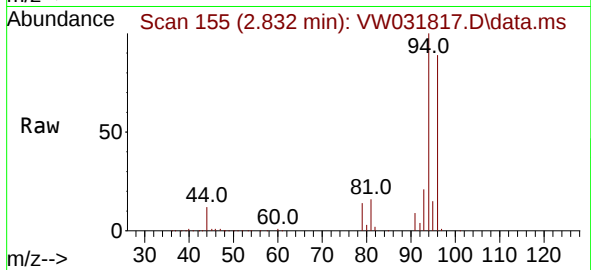




#5
Bromomethane
Concen: 52.098 ug/l
RT: 2.832 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

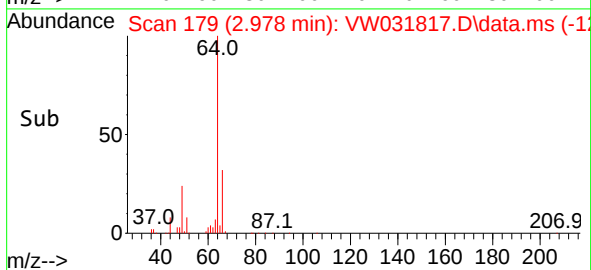
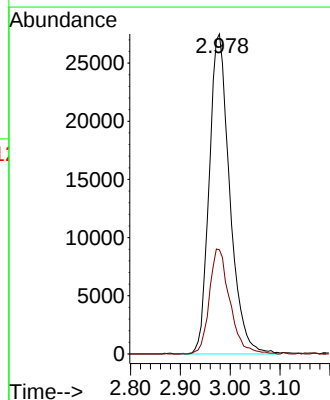
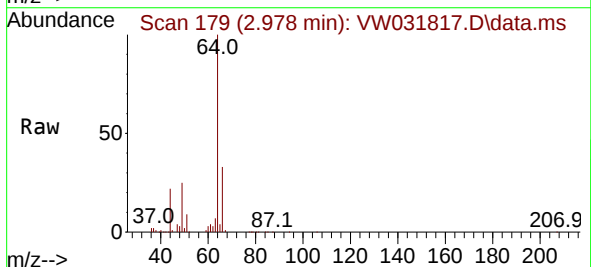
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ClientSampleId :

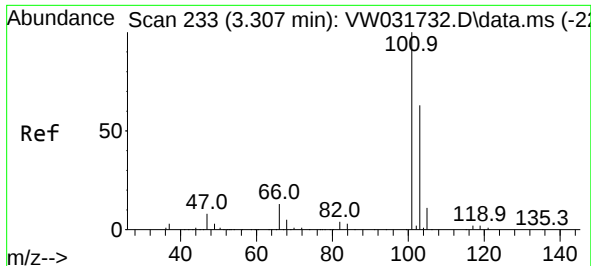
Tgt Ion: 94 Resp: 87379
Ion Ratio Lower Upper
94 100
96 88.8 75.6 113.4



#6
Chloroethane
Concen: 53.933 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 64 Resp: 78666
Ion Ratio Lower Upper
64 100
66 32.5 24.5 36.7

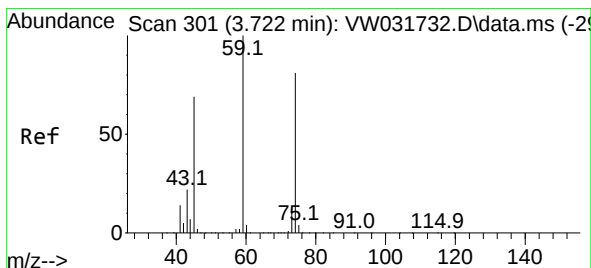
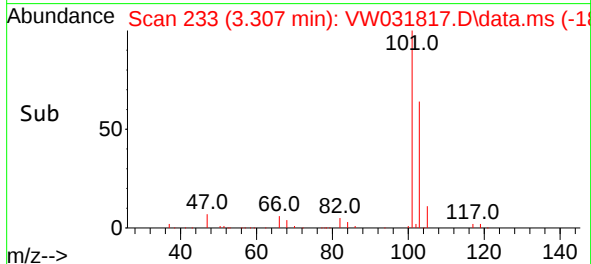
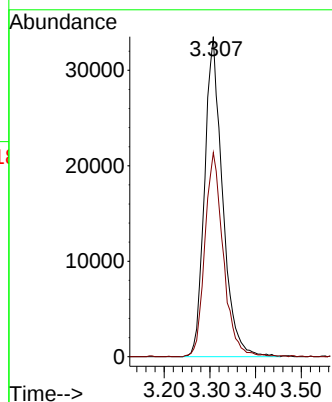
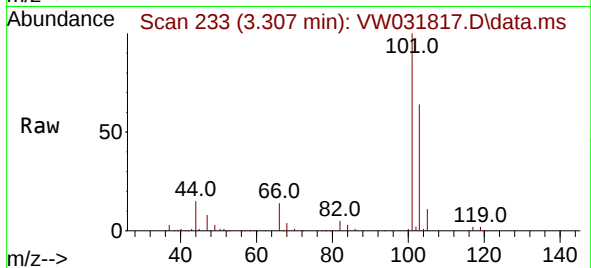




#7
 Trichlorofluoromethane
 Concen: 46.920 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

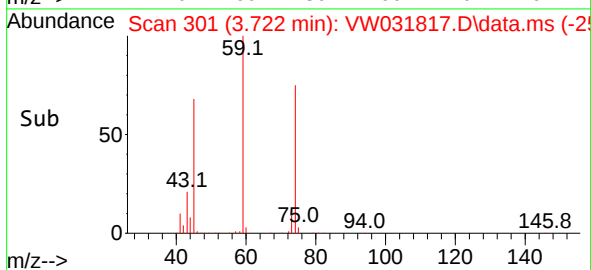
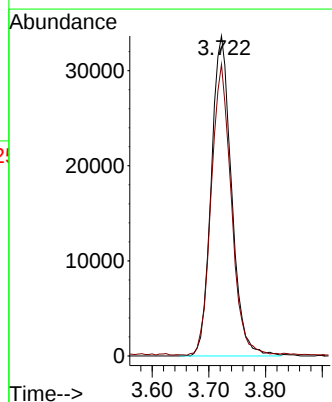
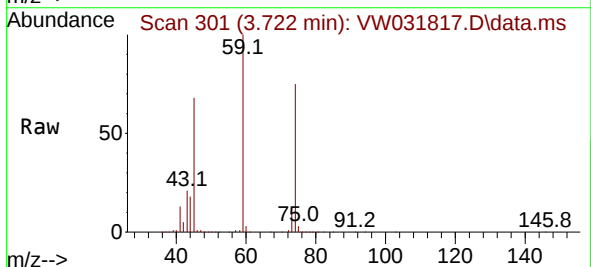
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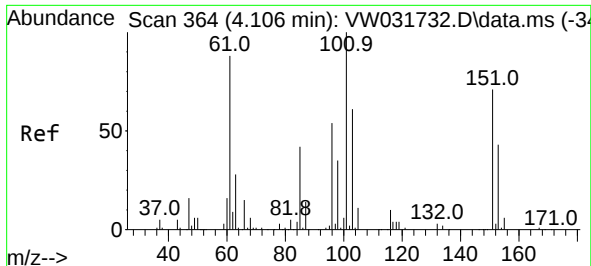
Tgt Ion:101 Resp: 91498
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 56.413 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031817.D
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Tgt Ion: 74 Resp: 83594
 Ion Ratio Lower Upper
 74 100
 45 90.2 43.9 131.7

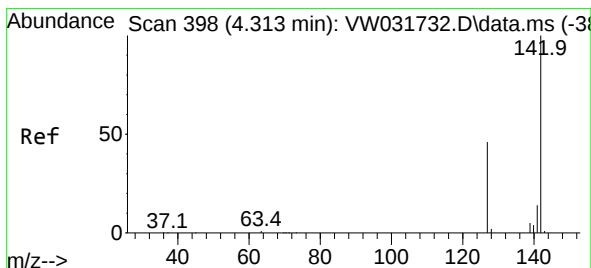
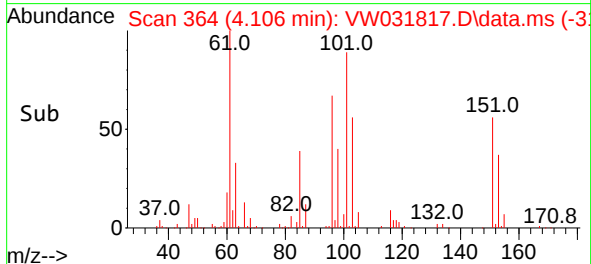
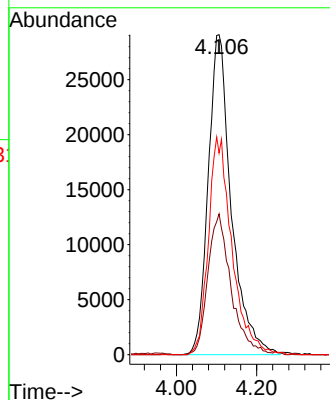
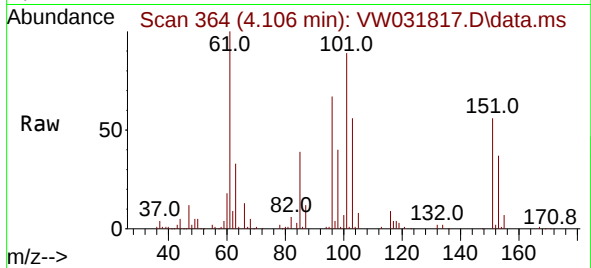




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.754 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

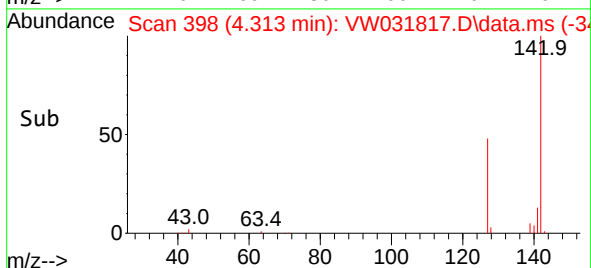
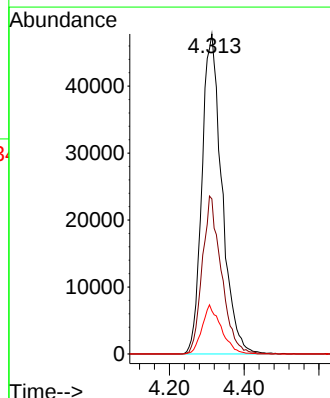
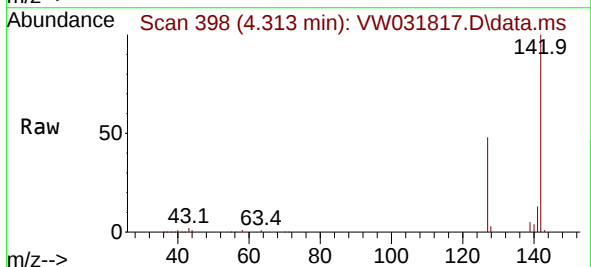
Instrument :
MSVOA_W
ClientSampleId :

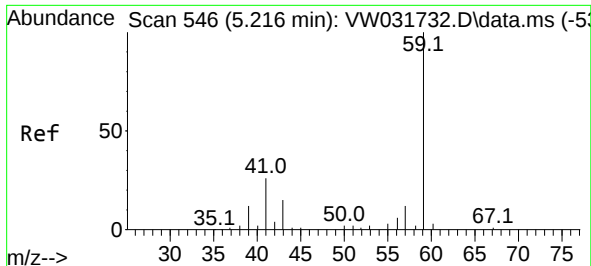
Tgt Ion:101 Resp: 116351
Ion Ratio Lower Upper
101 100
85 44.2 35.6 53.4
151 69.4 56.8 85.2



#10
Methyl Iodide
Concen: 52.968 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion:142 Resp: 176749
Ion Ratio Lower Upper
142 100
127 47.4 37.9 56.9
141 14.8 11.7 17.5

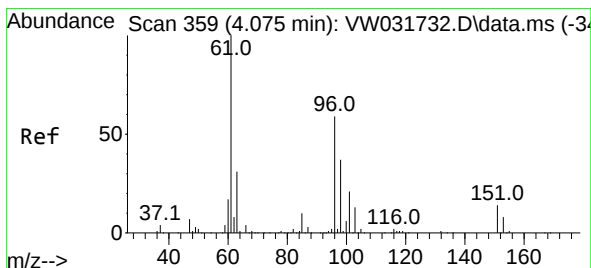
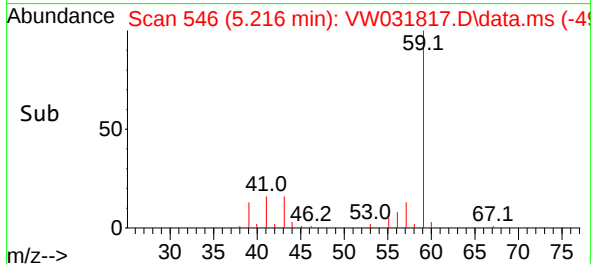
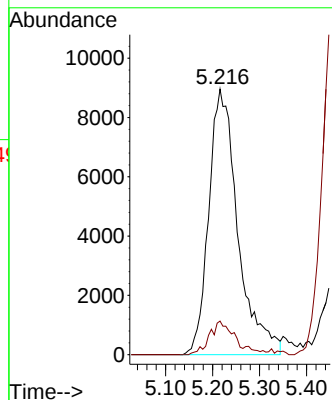
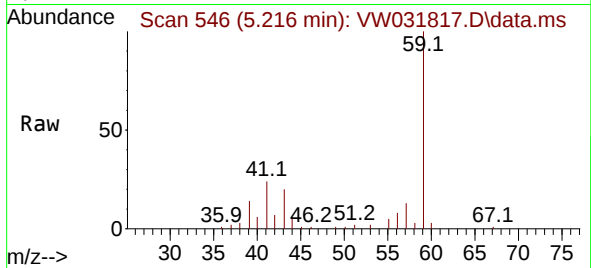




#11
Tert butyl alcohol
Concen: 217.761 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

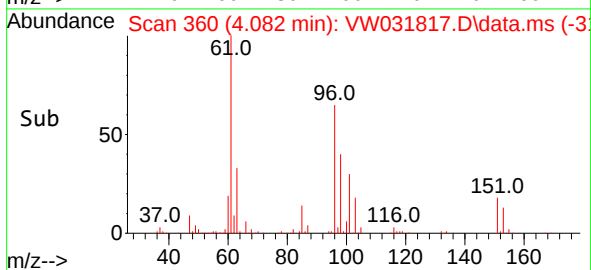
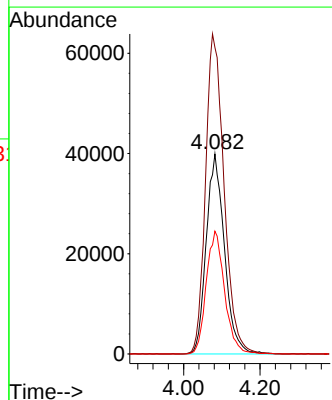
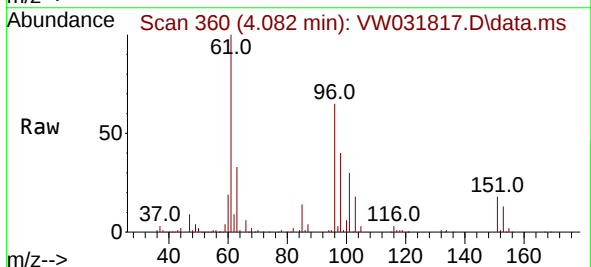
Instrument :
MSVOA_W
ClientSampleId :

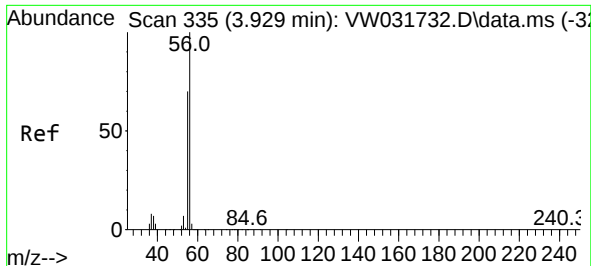
Tgt Ion: 59 Resp: 38523
Ion Ratio Lower Upper
59 100
57 10.0 9.5 14.3



#12
1,1-Dichloroethene
Concen: 55.682 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 96 Resp: 132014
Ion Ratio Lower Upper
96 100
61 153.3 135.8 203.8
98 61.4 50.4 75.6

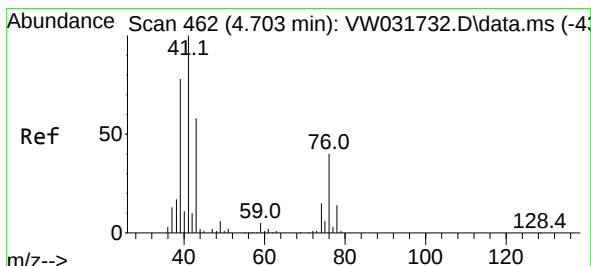
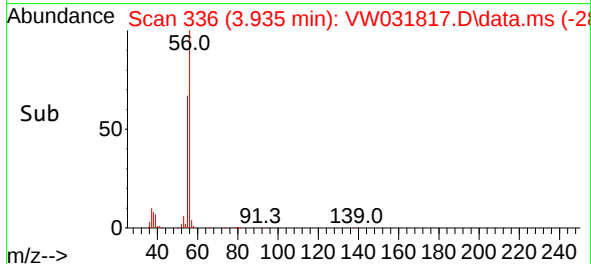
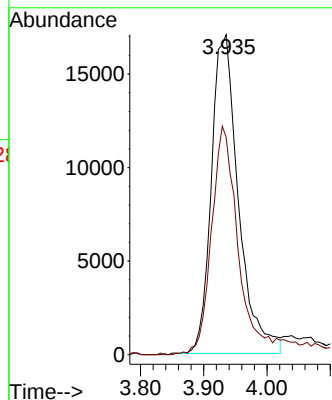
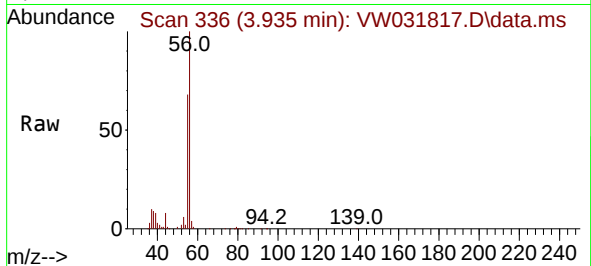




#13
Acrolein
Concen: 159.484 ug/l
RT: 3.935 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

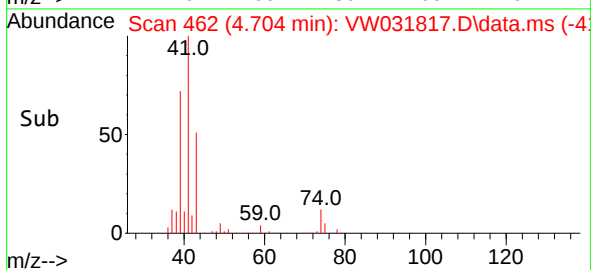
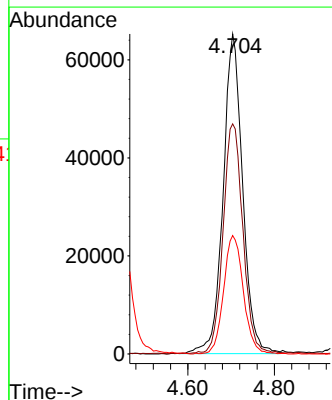
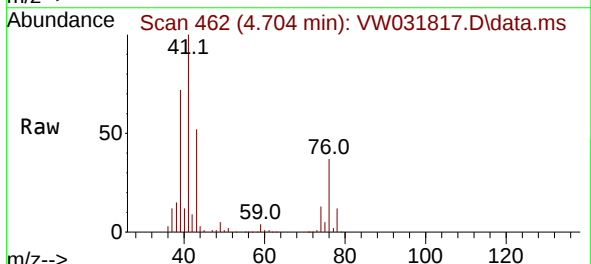
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 50709
Ion Ratio Lower Upper
56 100
55 69.3 54.0 81.0



#14
Allyl chloride
Concen: 56.249 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

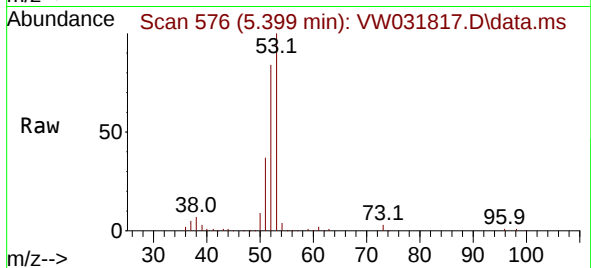
Tgt Ion: 41 Resp: 204615
Ion Ratio Lower Upper
41 100
39 73.7 60.7 91.1
76 37.5 30.3 45.5



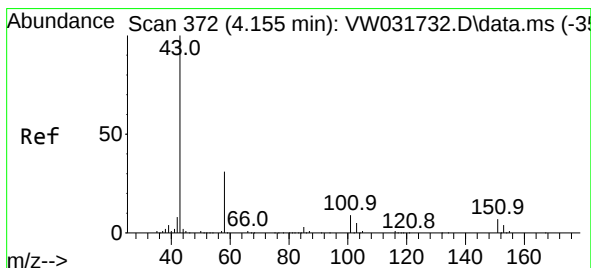
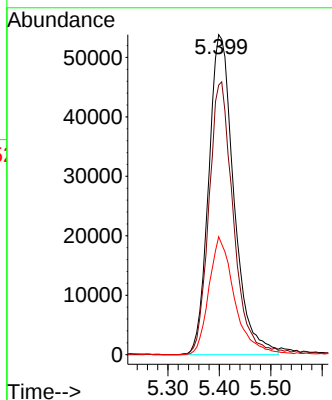
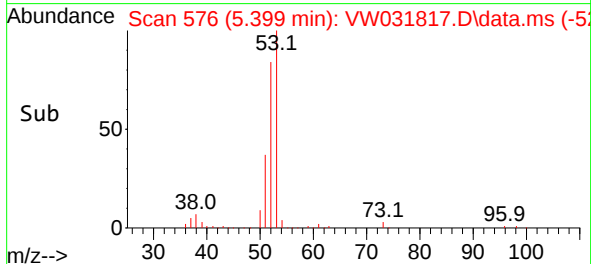


#15
Acrylonitrile
Concen: 252.355 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Instrument :
MSVOA_W
ClientSampleId :

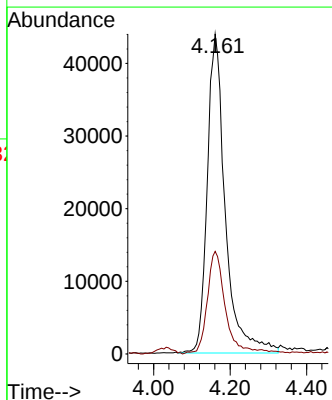
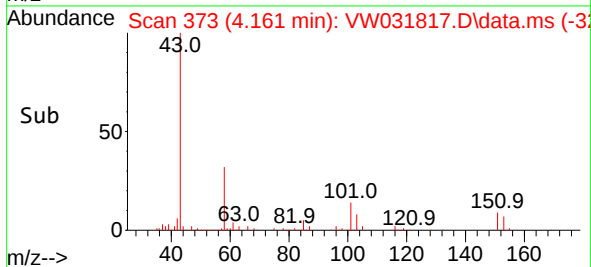
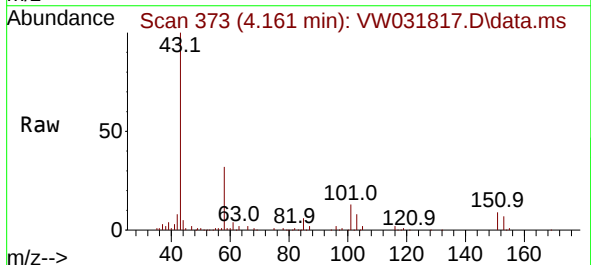


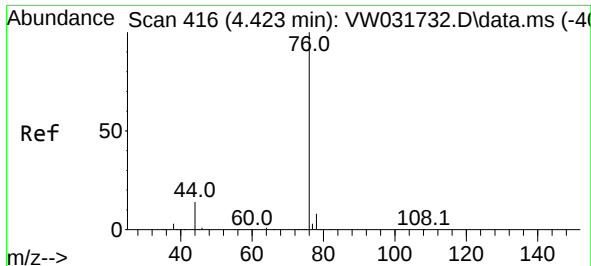
Tgt Ion: 53 Resp: 183890
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 37.6 29.9 44.9



#16
Acetone
Concen: 203.318 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 43 Resp: 143499
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2

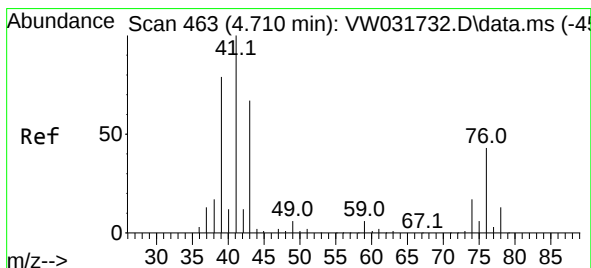
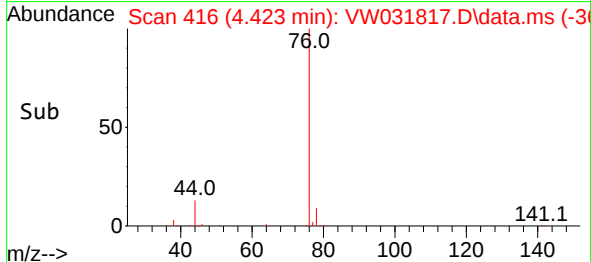
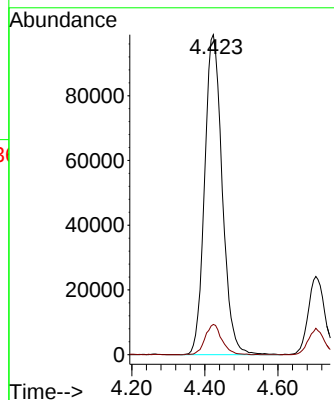
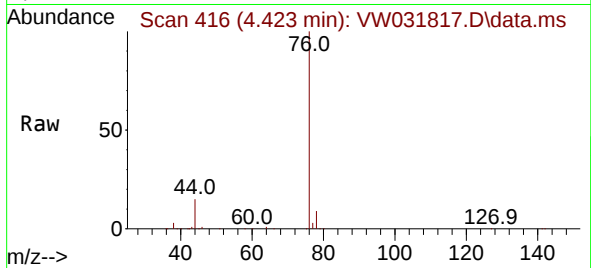




#17
Carbon Disulfide
Concen: 51.953 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

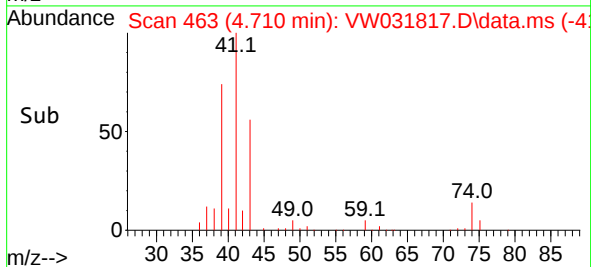
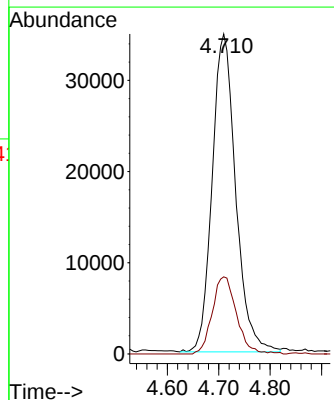
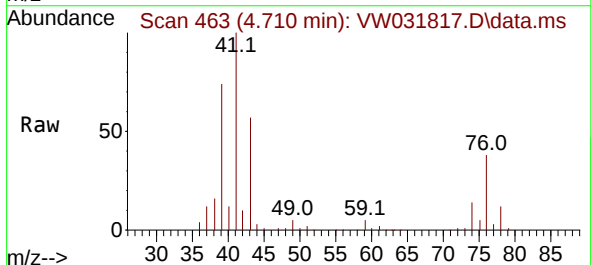
Instrument :
MSVOA_W
ClientSampleId :

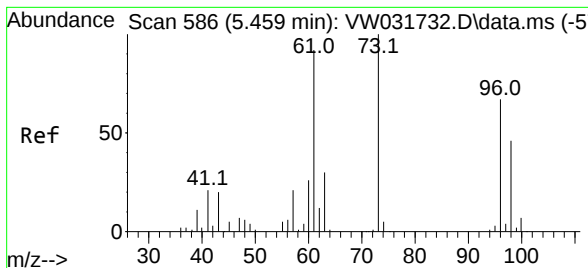
Tgt Ion: 76 Resp: 329603
Ion Ratio Lower Upper
76 100
78 9.4 6.6 10.0



#18
Methyl Acetate
Concen: 54.947 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 43 Resp: 110834
Ion Ratio Lower Upper
43 100
74 24.7 20.6 30.8





#19

Methyl tert-butyl Ether

Concen: 56.018 ug/l

RT: 5.466 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

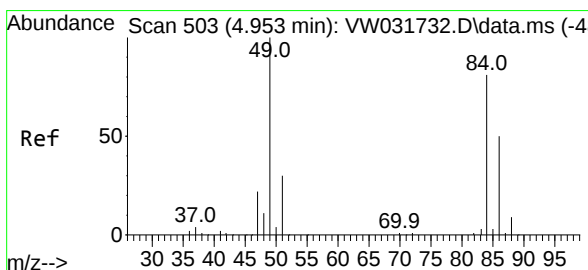
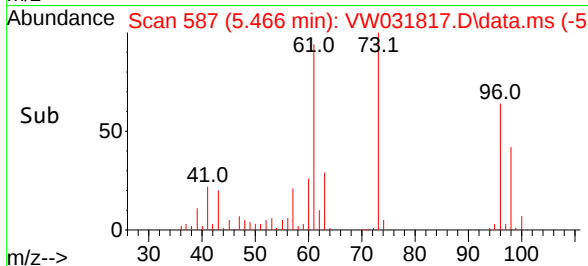
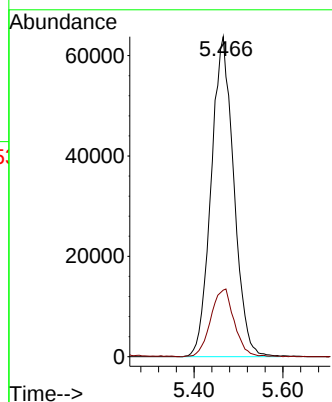
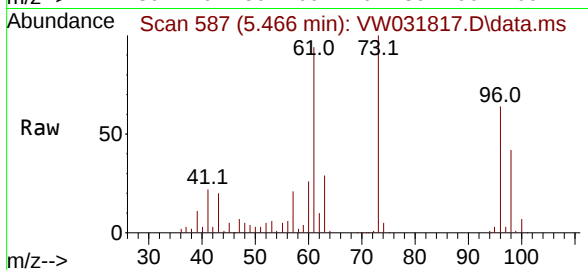
ClientSampleId :

Tgt Ion: 73 Resp: 225422

Ion Ratio Lower Upper

73 100

57 20.8 17.2 25.8



#20

Methylene Chloride

Concen: 62.531 ug/l

RT: 4.954 min Scan# 503

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Tgt Ion: 84 Resp: 171631

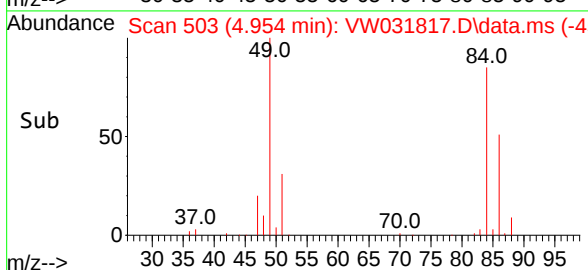
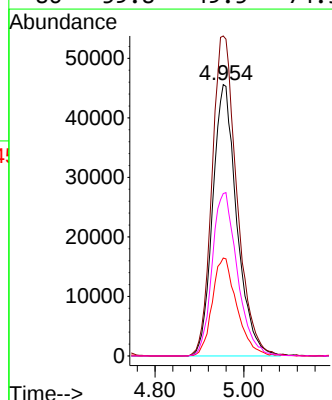
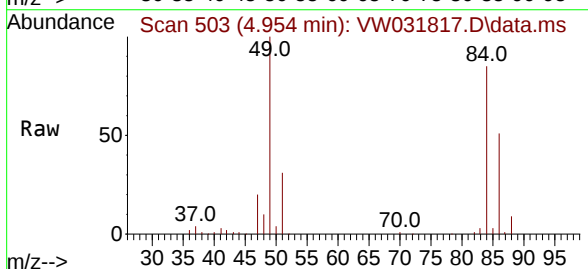
Ion Ratio Lower Upper

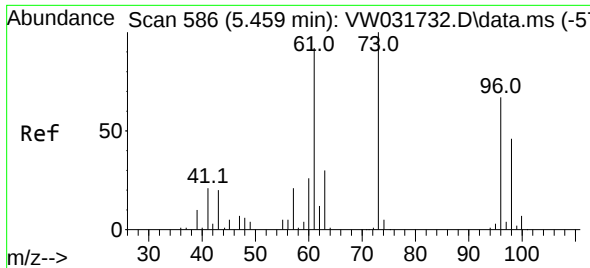
84 100

49 117.9 98.2 147.4

51 36.1 29.8 44.8

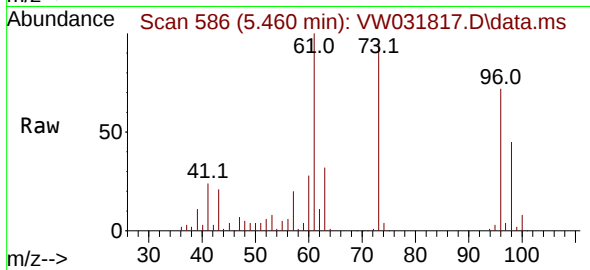
86 59.8 49.5 74.3





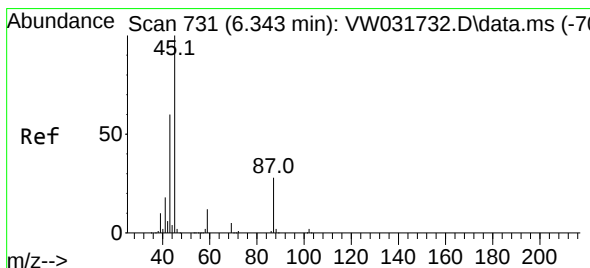
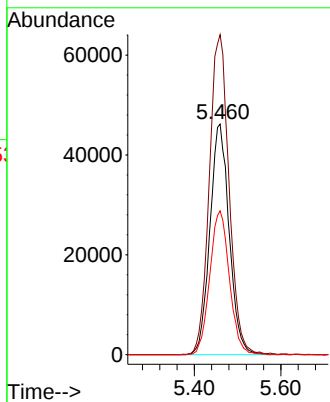
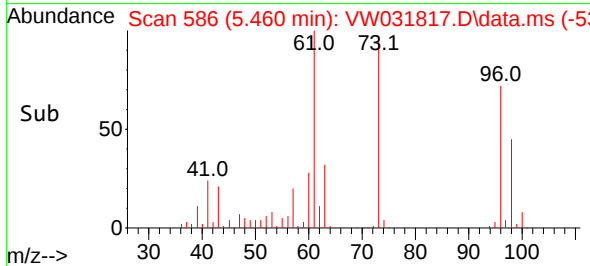
#21
trans-1,2-Dichloroethene
Concen: 56.802 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Instrument :
MSVOA_W
ClientSampleId :

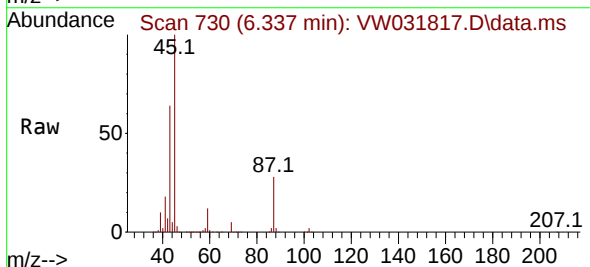


Tgt Ion: 96 Resp: 143094

Ion	Ratio	Lower	Upper
96	100		
61	138.8	109.8	164.6
98	62.4	54.9	82.3

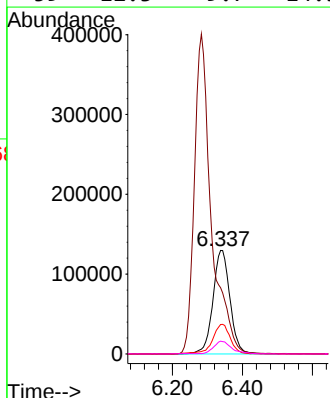
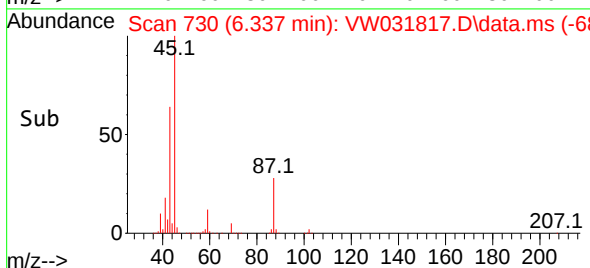


#22
Diisopropyl ether
Concen: 61.761 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50



Tgt Ion: 45 Resp: 438162

Ion	Ratio	Lower	Upper
45	100		
43	63.9	48.3	72.5
87	28.5	22.6	34.0
59	12.3	9.7	14.5

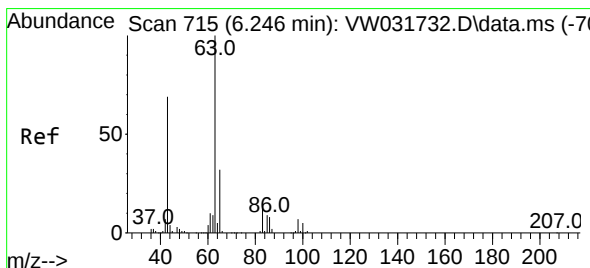
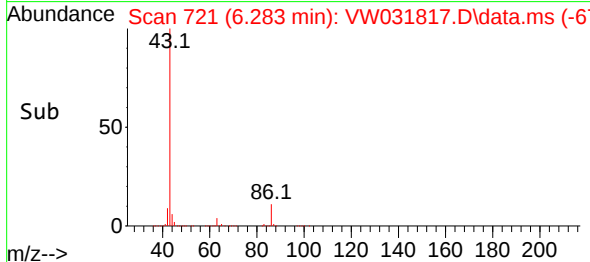
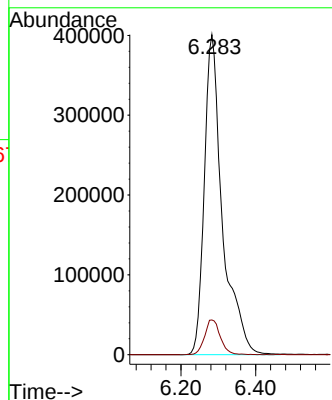
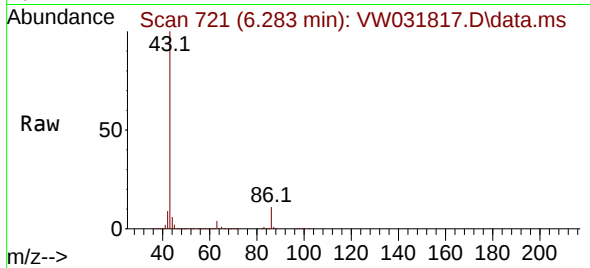




#23
 Vinyl Acetate
 Concen: 277.887 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

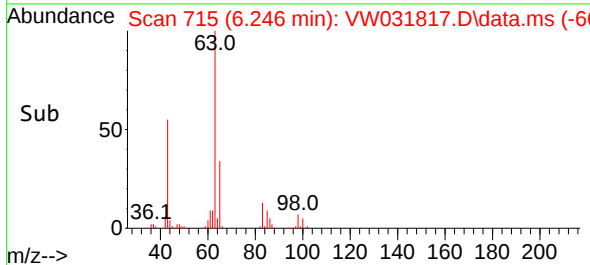
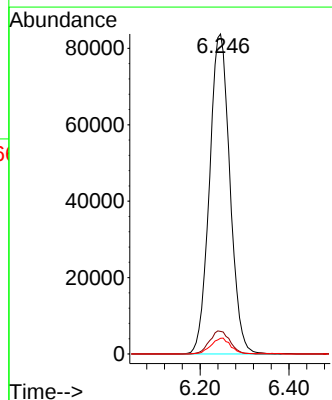
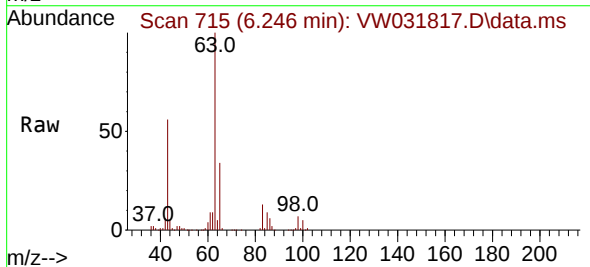
Instrument :
 MSVOA_W
 ClientSampleId :

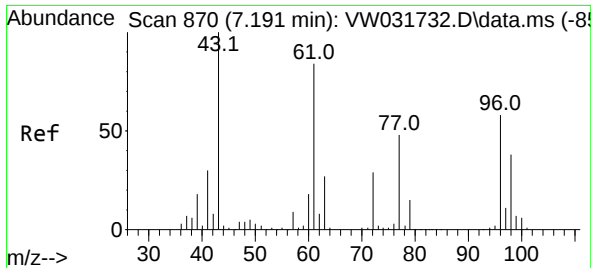
Tgt Ion: 43 Resp: 1346601
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 58.094 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

Tgt Ion: 63 Resp: 267209
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.9 2.5 7.5

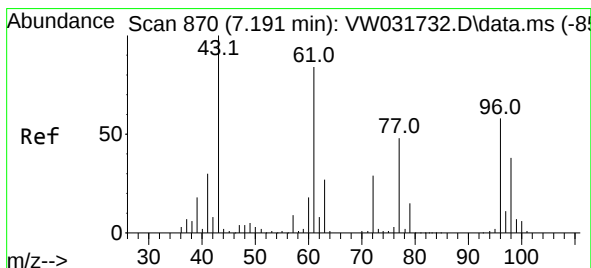
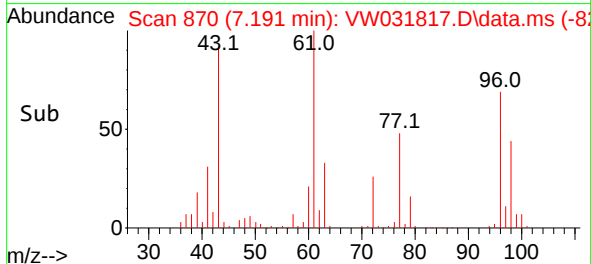
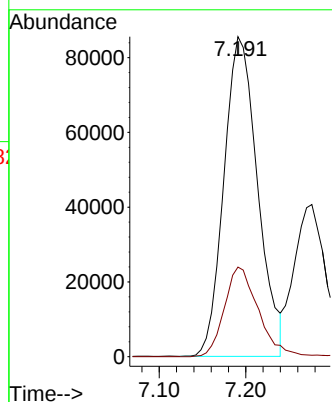
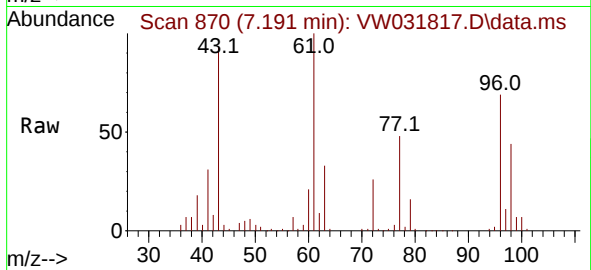




#25
2-Butanone
Concen: 252.131 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

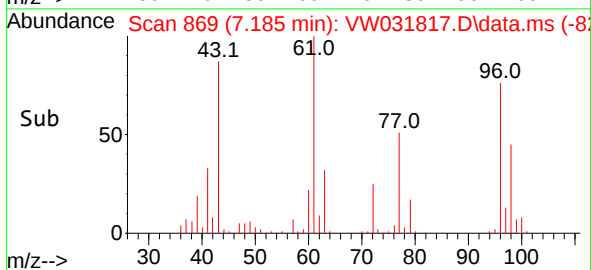
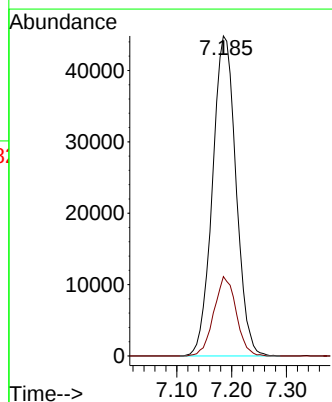
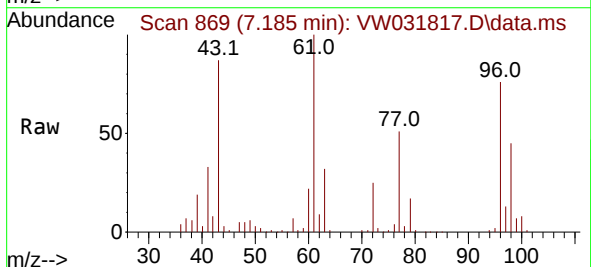
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 231508
Ion Ratio Lower Upper
43 100
72 28.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 49.768 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 77 Resp: 133558
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 59.382 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

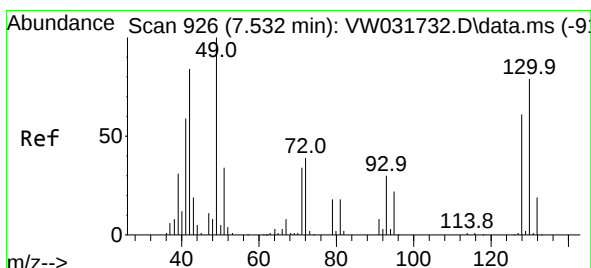
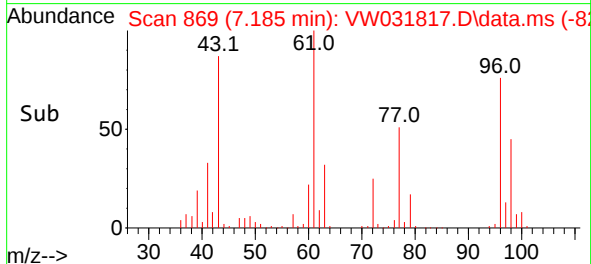
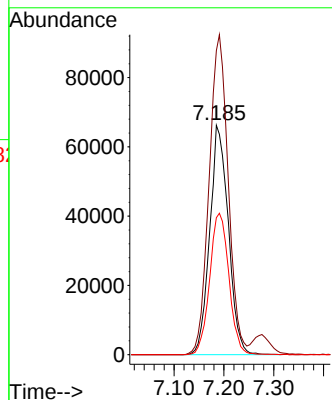
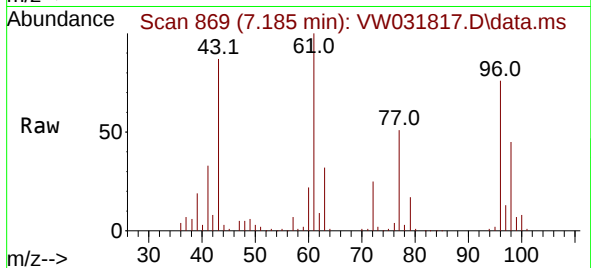
Tgt Ion: 96 Resp: 171959

Ion Ratio Lower Upper

96 100

61 142.7 0.0 286.8

98 63.6 0.0 130.4



#28

Bromochloromethane

Concen: 55.522 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

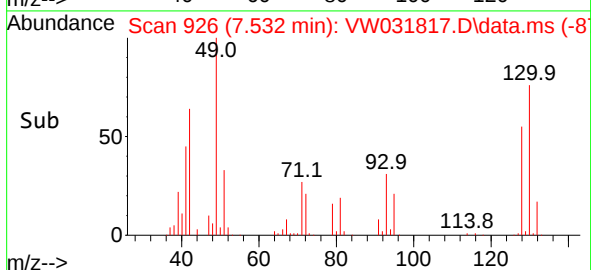
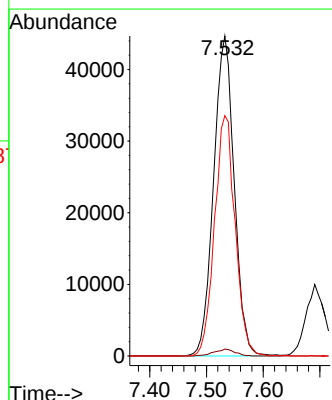
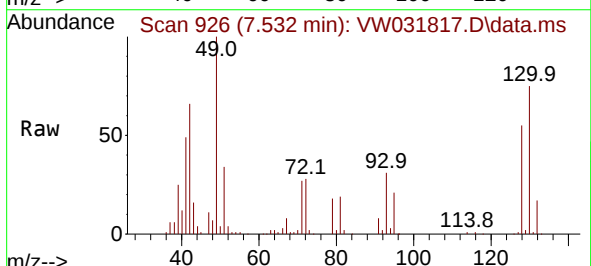
Tgt Ion: 49 Resp: 112694

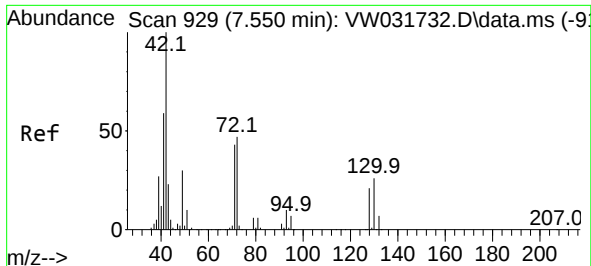
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.4

130 75.0 61.3 91.9





#29

Tetrahydrofuran

Concen: 253.616 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

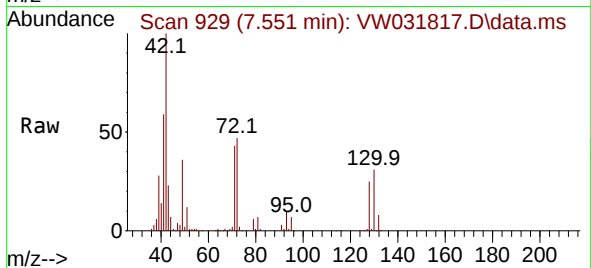
Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :



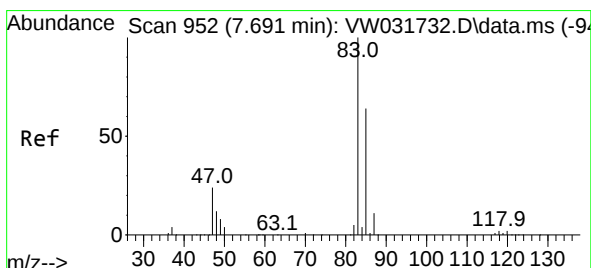
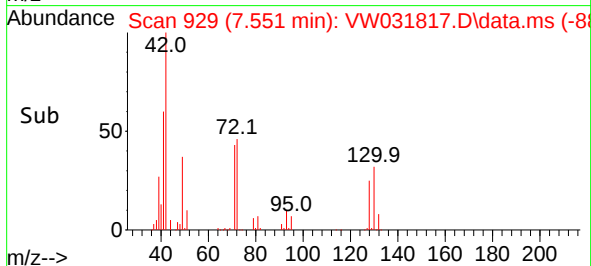
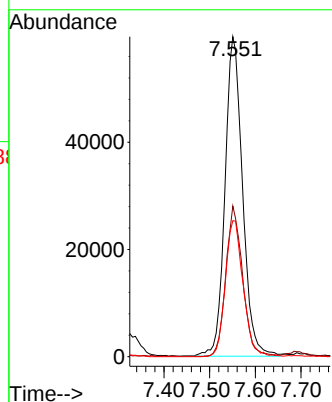
Tgt Ion: 42 Resp: 159477

Ion Ratio Lower Upper

42 100

72 45.0 36.8 55.2

71 43.3 34.6 52.0



#30

Chloroform

Concen: 59.013 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031817.D

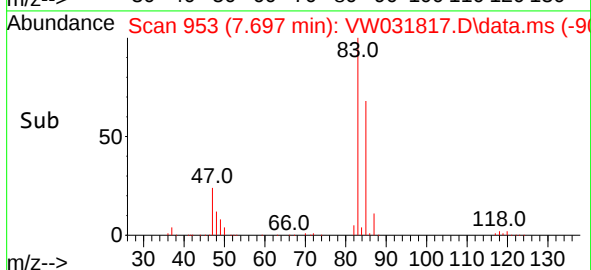
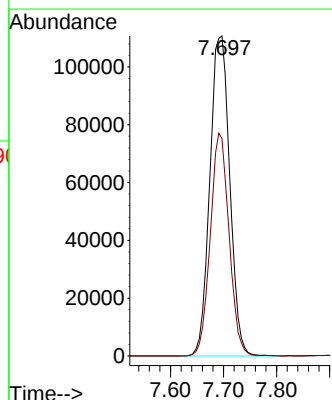
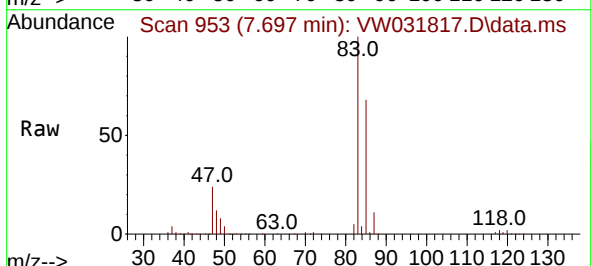
Acq: 11 Jul 2025 11:50

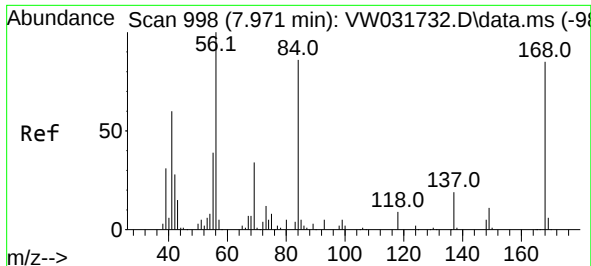
Tgt Ion: 83 Resp: 288423

Ion Ratio Lower Upper

83 100

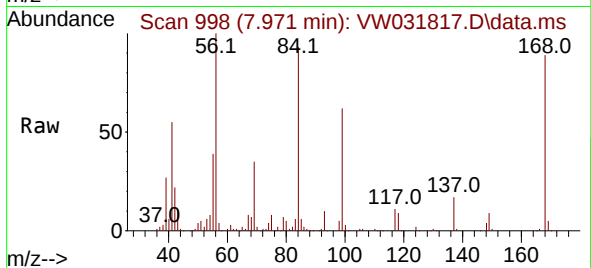
85 68.0 51.4 77.0



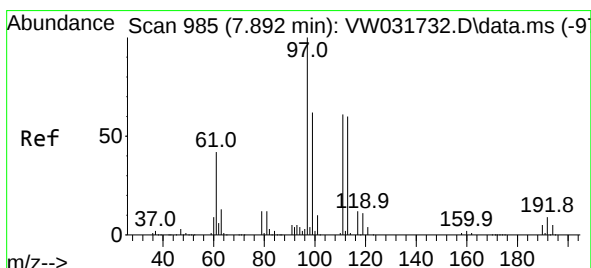
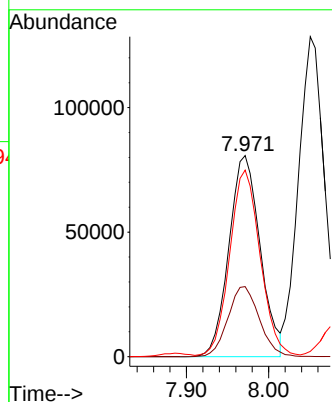
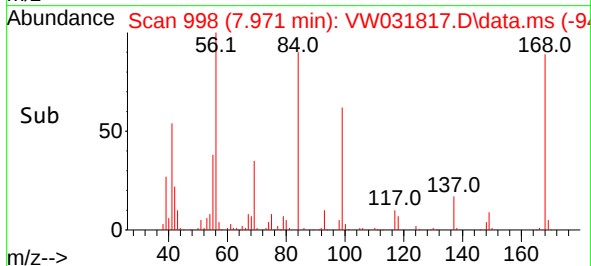


#31
Cyclohexane
Concen: 52.430 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Instrument :
MSVOA_W
ClientSampleId :

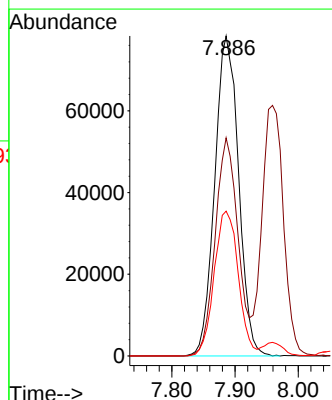
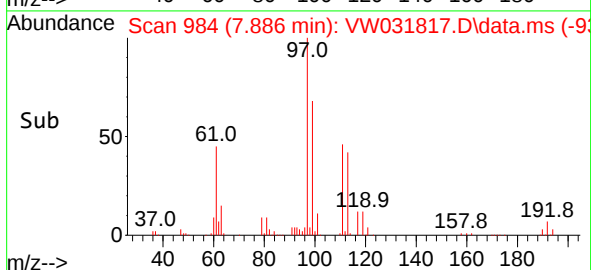
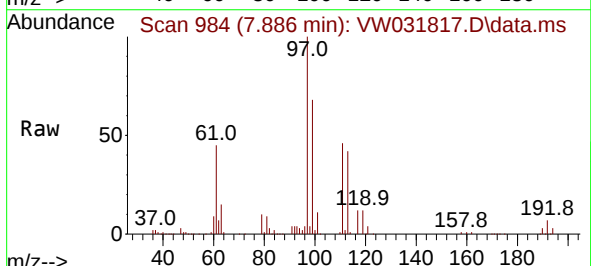


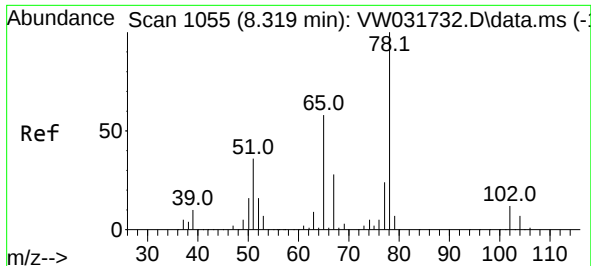
Tgt Ion: 56 Resp: 213168
Ion Ratio Lower Upper
56 100
69 34.8 27.2 40.8
84 91.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 54.360 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 97 Resp: 204744
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 45.9 36.0 54.0

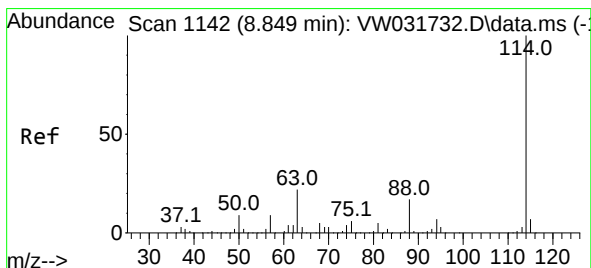
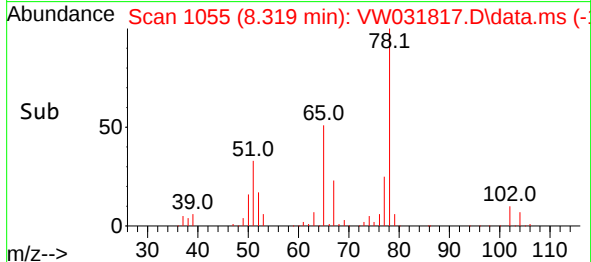
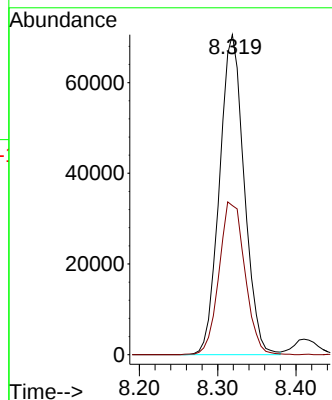
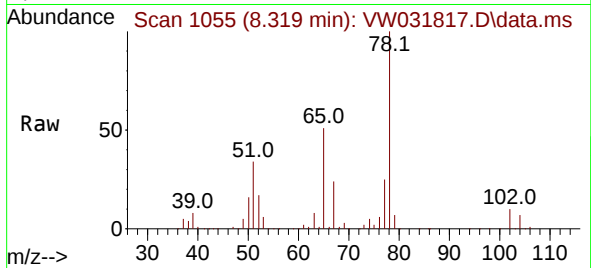




#33
 1,2-Dichloroethane-d4
 Concen: 54.204 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

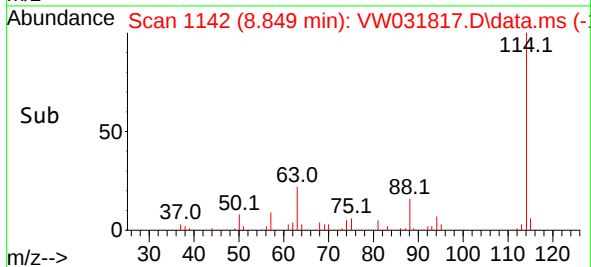
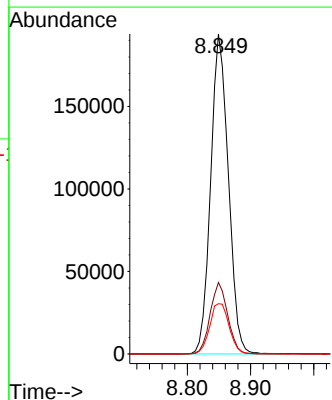
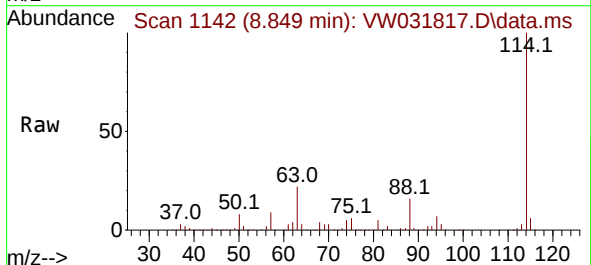
Instrument :
 MSVOA_W
 ClientSampleId :

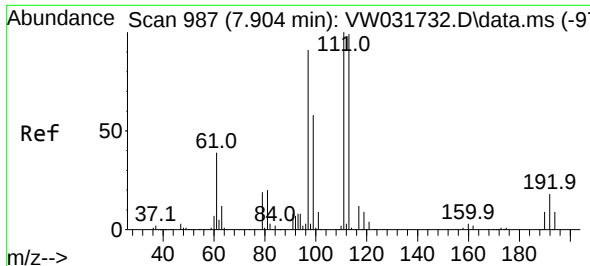
Tgt Ion: 65 Resp: 154777
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

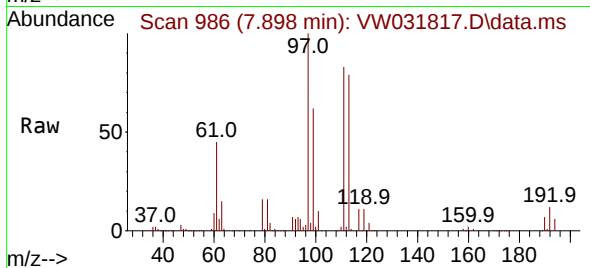
Tgt Ion: 114 Resp: 375996
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.6
 88 15.7 0.0 34.2



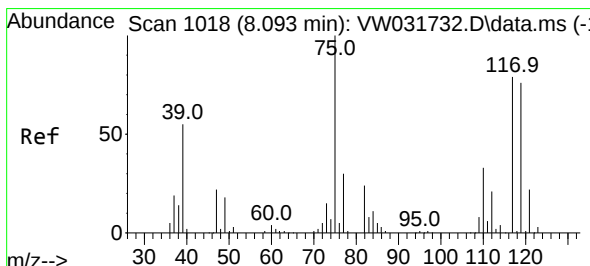
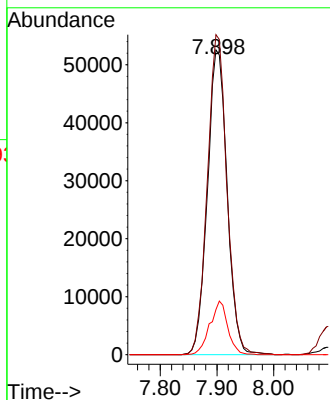
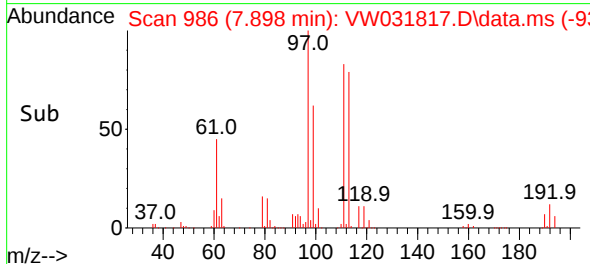


#35
 Dibromofluoromethane
 Concen: 51.761 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

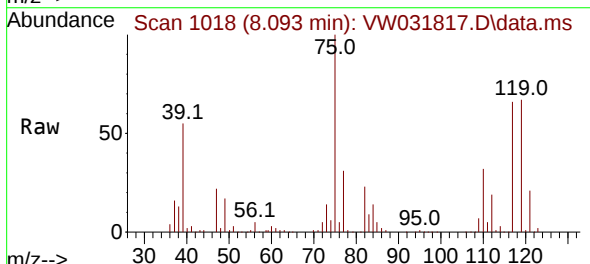
Instrument :
 MSVOA_W
 ClientSampleId :



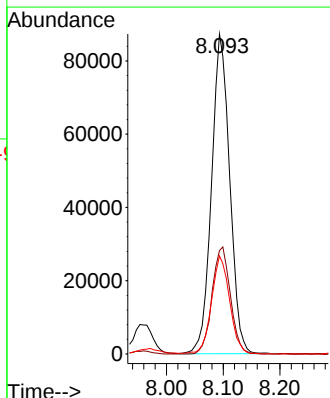
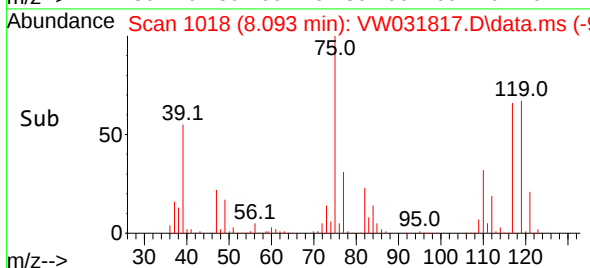
Tgt Ion:113 Resp: 126997
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.1 123.1
 192 16.0 13.8 20.6

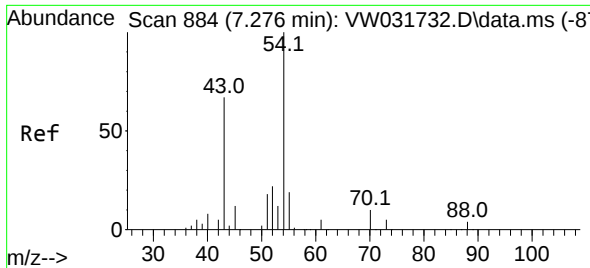


#36
 1,1-Dichloropropene
 Concen: 54.879 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50



Tgt Ion: 75 Resp: 194843
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.8 50.4
 77 30.6 25.0 37.6

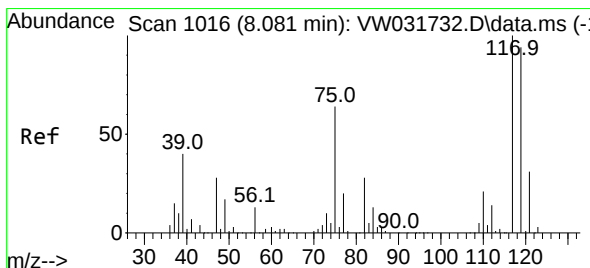
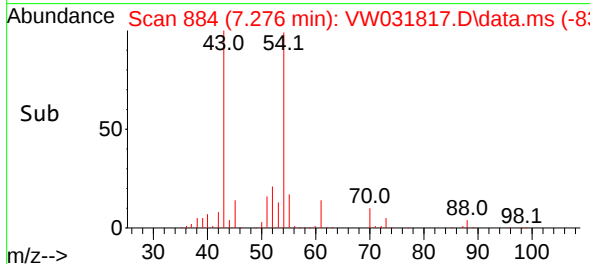
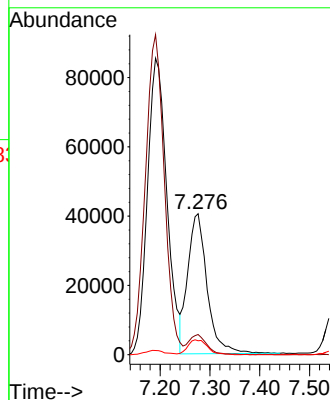
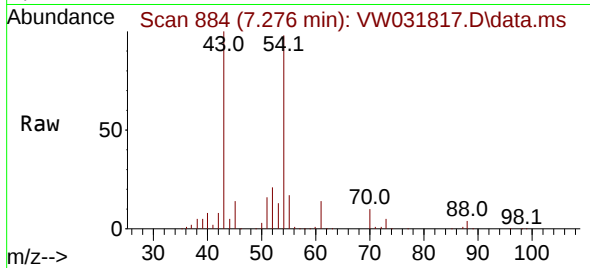




#37
Ethyl Acetate
Concen: 48.792 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

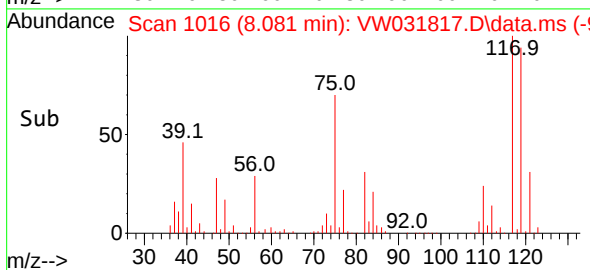
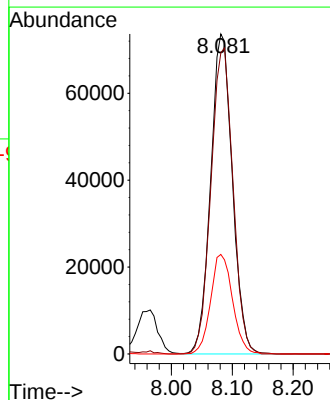
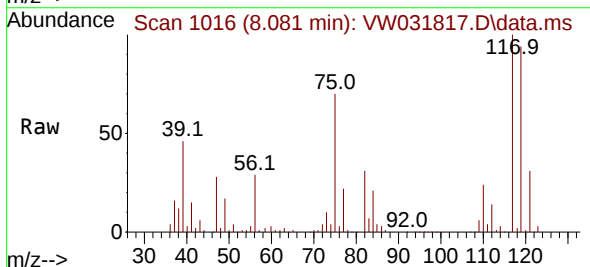
Instrument :
MSVOA_W
ClientSampleId :

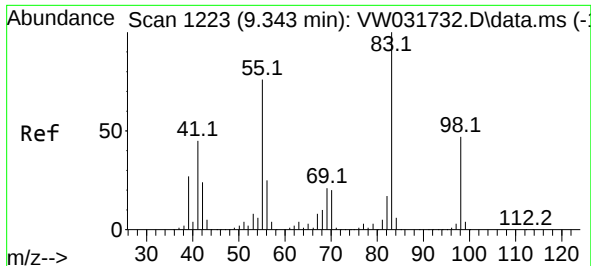
Tgt Ion: 43 Resp: 109277
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 10.7 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.412 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 117 Resp: 182386
Ion Ratio Lower Upper
117 100
119 94.1 75.0 112.6
121 31.1 24.6 37.0





#39

Methylcyclohexane

Concen: 52.798 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

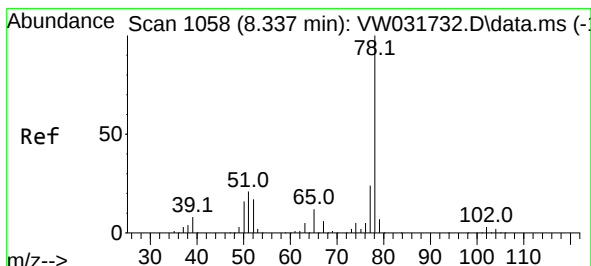
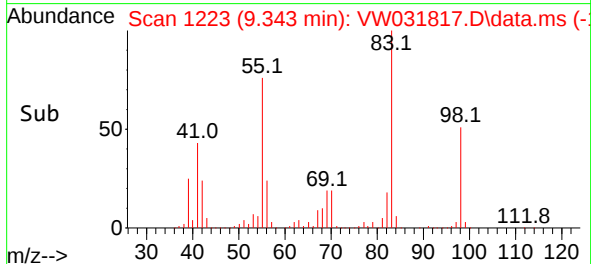
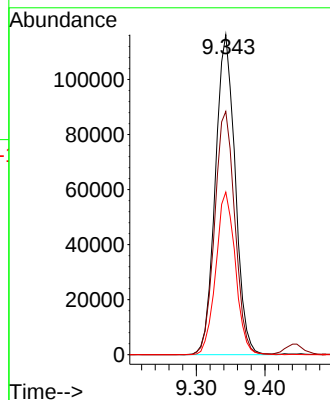
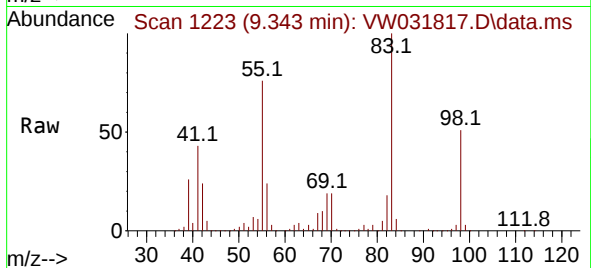
Tgt Ion: 83 Resp: 233224

Ion Ratio Lower Upper

83 100

55 76.0 61.0 91.4

98 50.8 37.9 56.9



#40

Benzene

Concen: 57.195 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031817.D

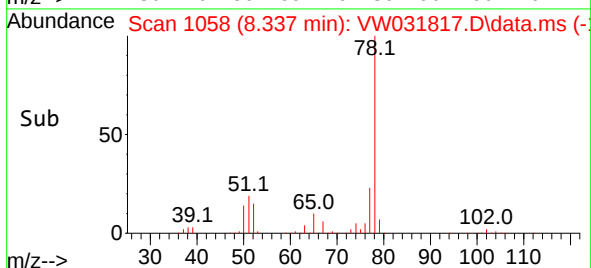
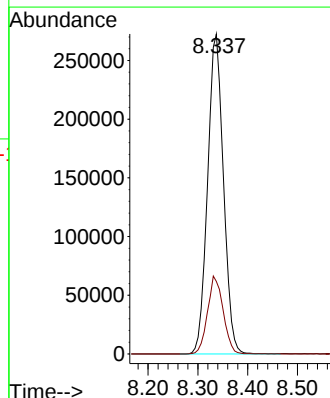
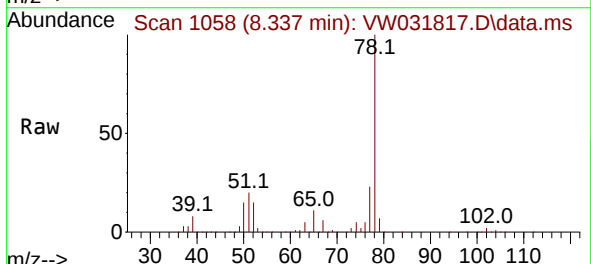
Acq: 11 Jul 2025 11:50

Tgt Ion: 78 Resp: 600782

Ion Ratio Lower Upper

78 100

77 22.7 19.2 28.8

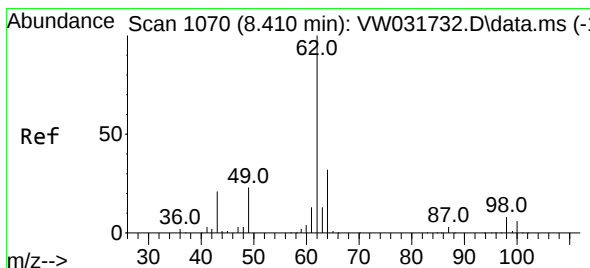
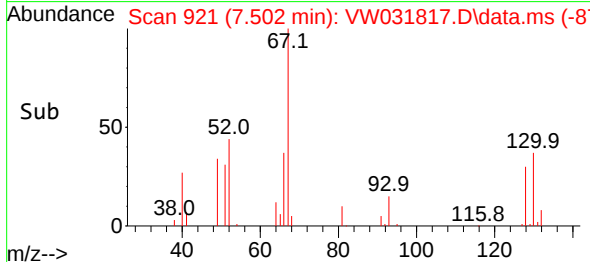
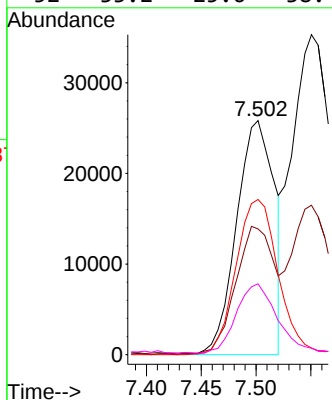
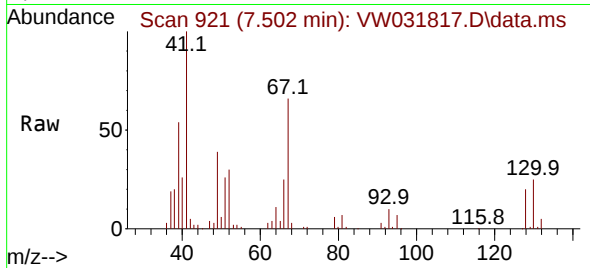




#41
Methacrylonitrile
Concen: 51.546 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

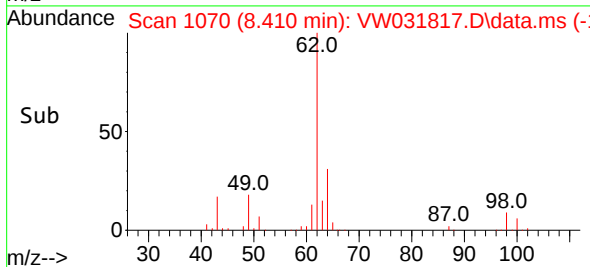
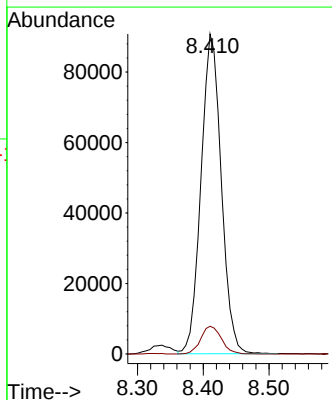
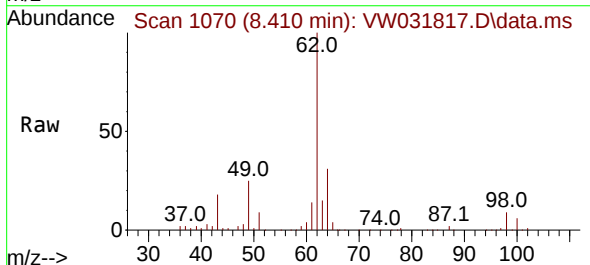
Instrument :
MSVOA_W
ClientSampleId :

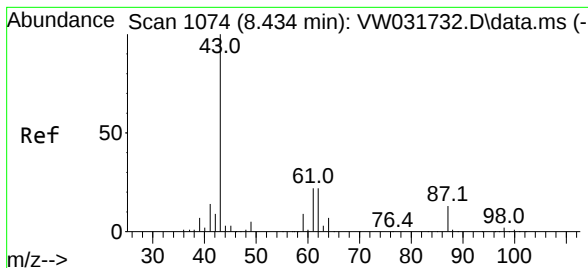
Tgt Ion:	41	Resp:	61844
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.2	64.8
67	74.9	58.1	87.1
52	33.2	25.6	38.4



#42
1,2-Dichloroethane
Concen: 54.800 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion:	62	Resp:	194499
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 50.633 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

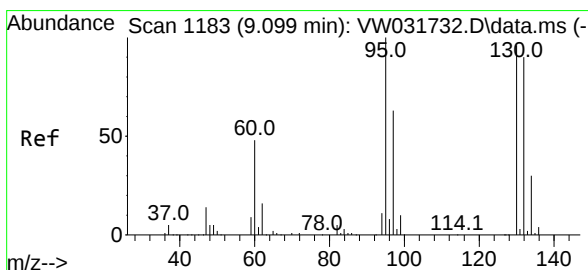
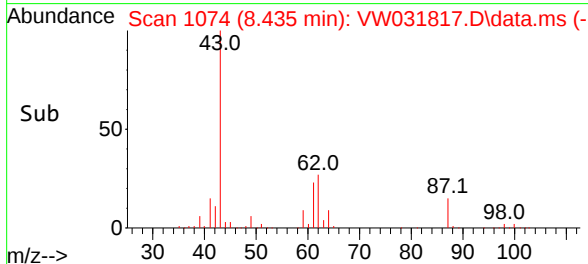
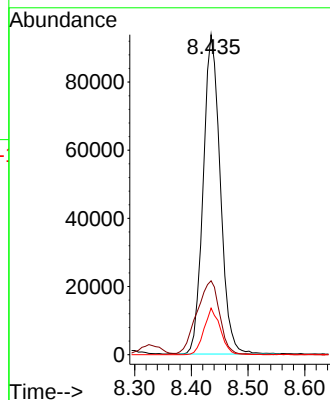
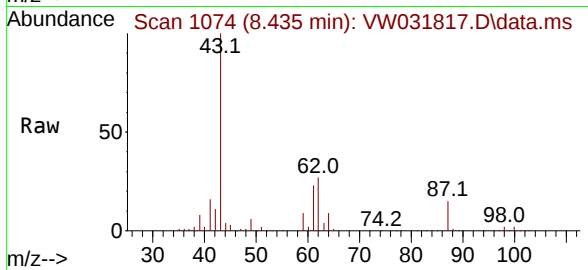
Tgt Ion: 43 Resp: 195479

Ion Ratio Lower Upper

43 100

61 30.8 23.1 34.7

87 14.0 10.8 16.2



#44

Trichloroethene

Concen: 52.380 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW031817.D

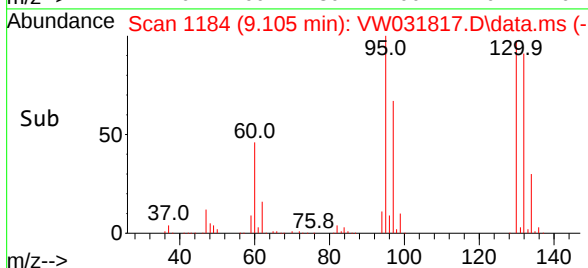
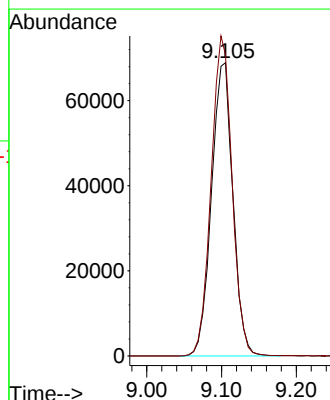
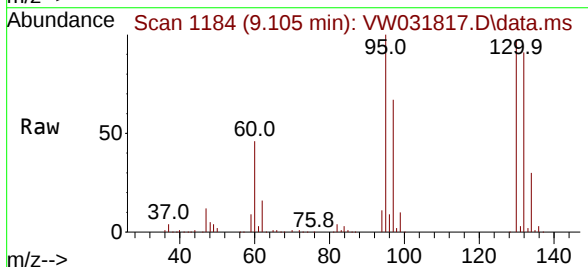
Acq: 11 Jul 2025 11:50

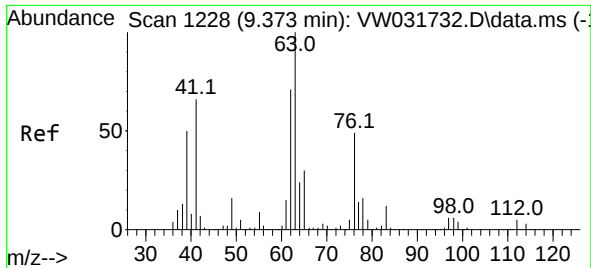
Tgt Ion:130 Resp: 137328

Ion Ratio Lower Upper

130 100

95 102.7 0.0 208.6

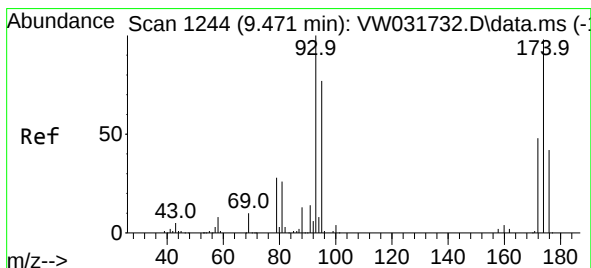
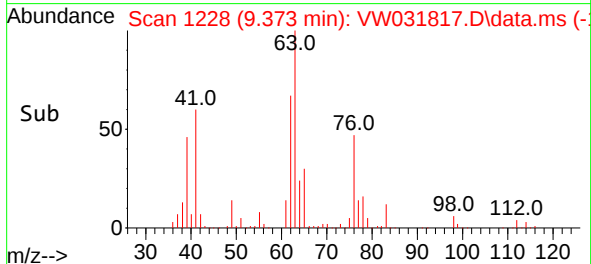
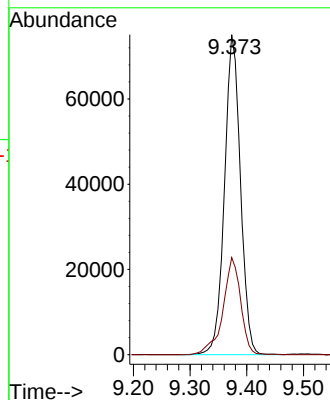
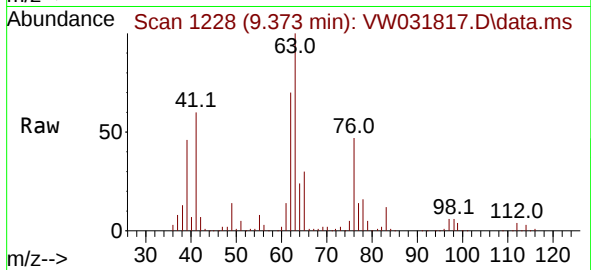




#45
1,2-Dichloropropane
Concen: 57.812 ug/l
RT: 9.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

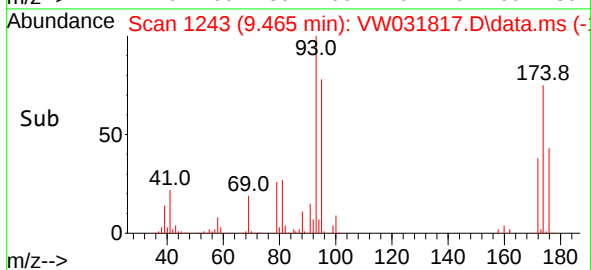
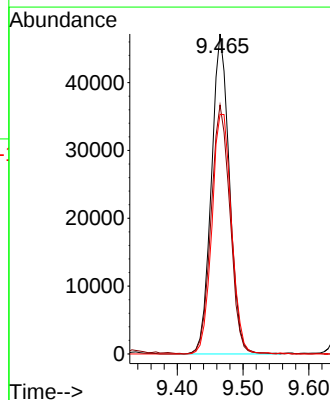
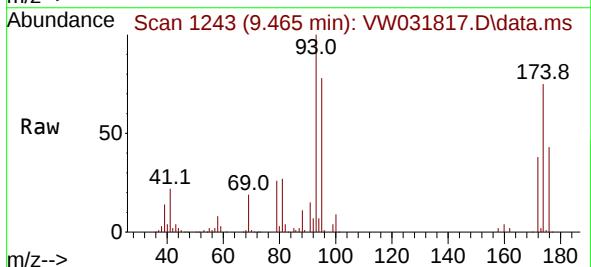
Instrument :
MSVOA_W
ClientSampleId :

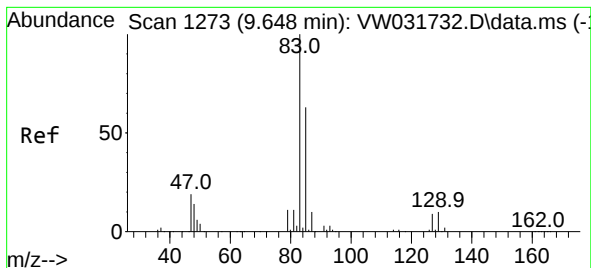
Tgt Ion: 63 Resp: 146769
Ion Ratio Lower Upper
63 100
65 30.4 24.2 36.4



#46
Dibromomethane
Concen: 55.087 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 93 Resp: 90289
Ion Ratio Lower Upper
93 100
95 81.2 67.0 100.4
174 81.1 71.7 107.5





#47

Bromodichloromethane

Concen: 56.467 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

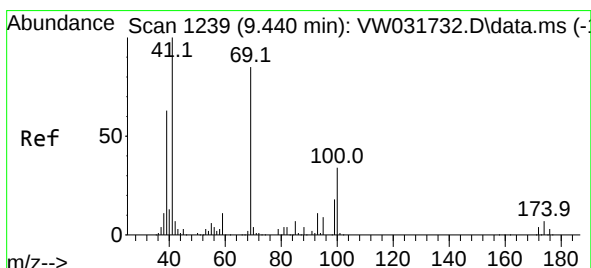
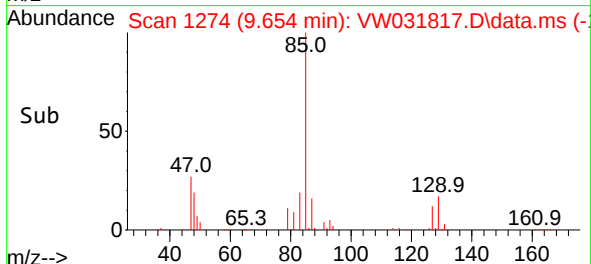
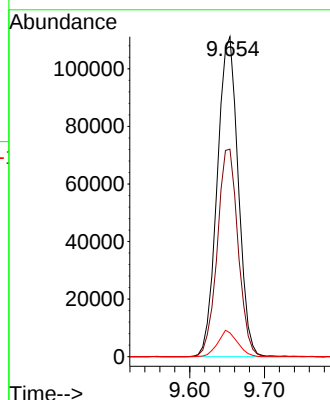
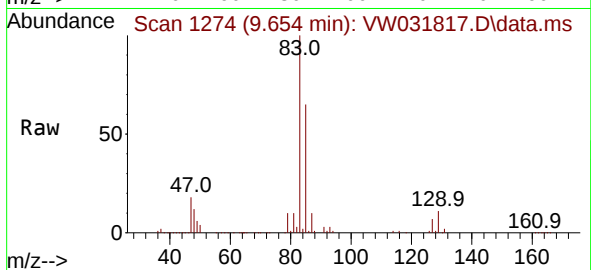
Tgt Ion: 83 Resp: 217029

Ion Ratio Lower Upper

83 100

85 64.9 50.8 76.2

127 7.5 6.8 10.2



#48

Methyl methacrylate

Concen: 50.197 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

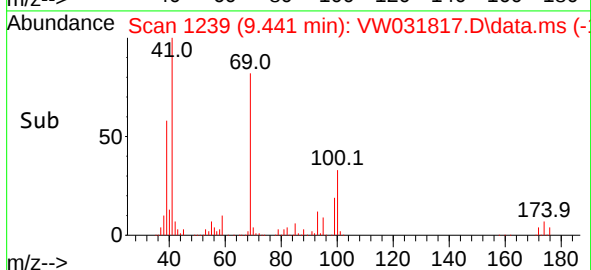
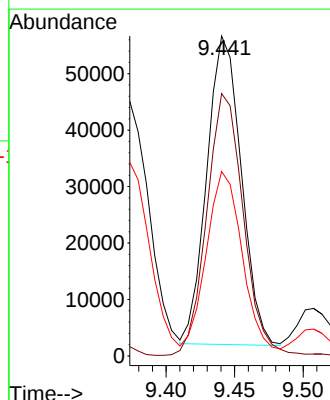
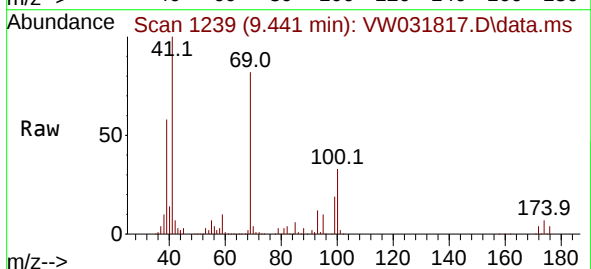
Tgt Ion: 41 Resp: 95291

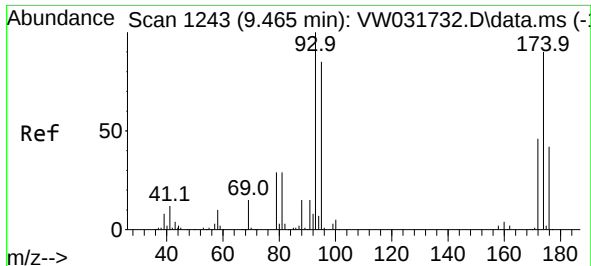
Ion Ratio Lower Upper

41 100

69 90.4 71.6 107.4

39 63.4 49.5 74.3

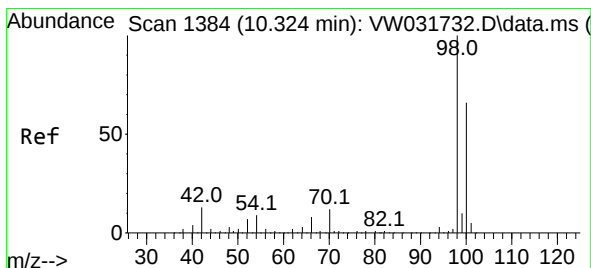
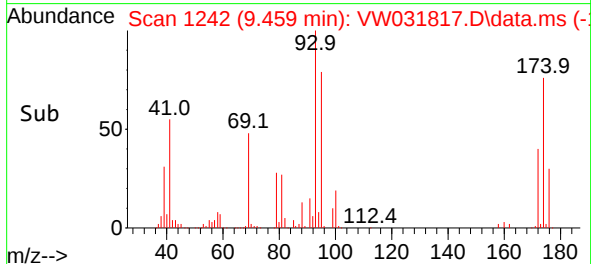
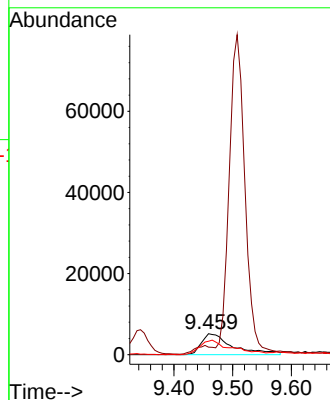
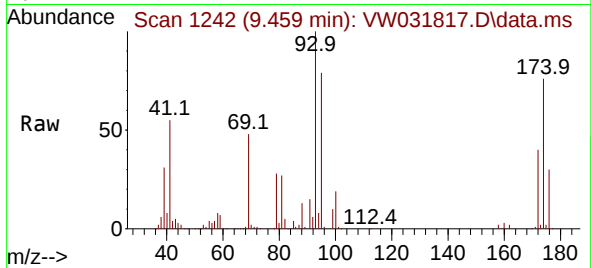




#49
1,4-Dioxane
Concen: 995.768 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

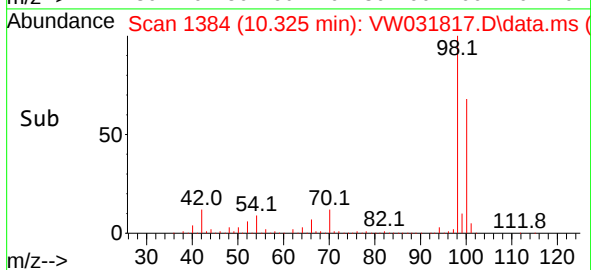
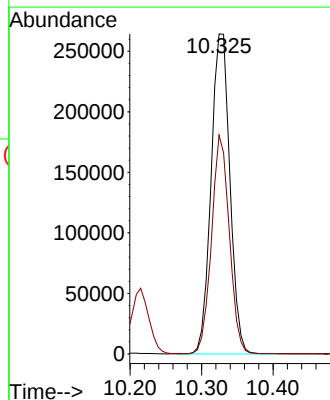
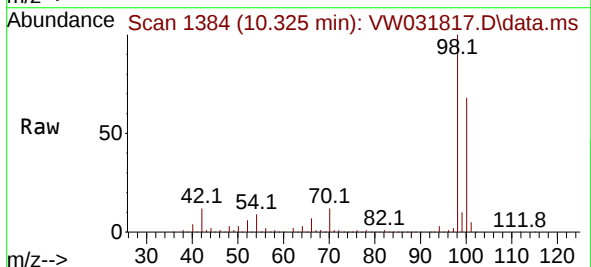
Instrument :
MSVOA_W
ClientSampleId :

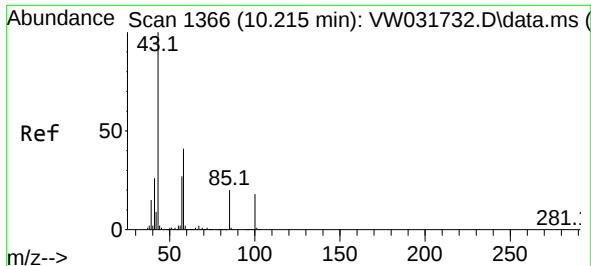
Tgt Ion: 88 Resp: 19115
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.3 58.3 87.5



#50
Toluene-d8
Concen: 52.947 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 98 Resp: 483433
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

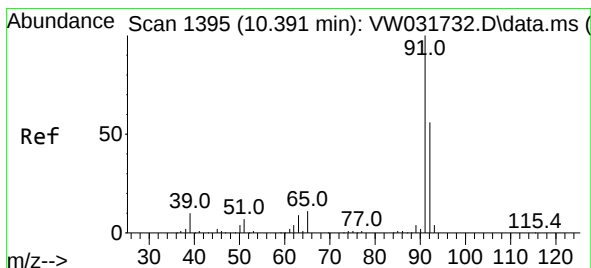
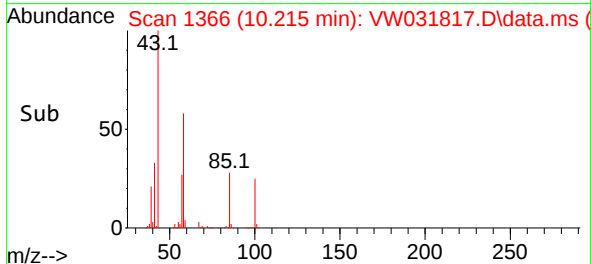
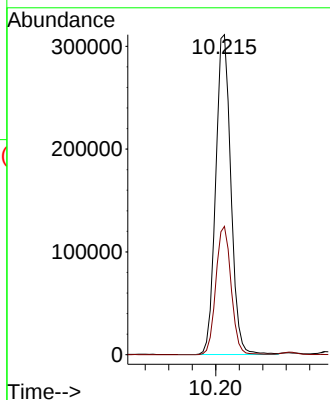
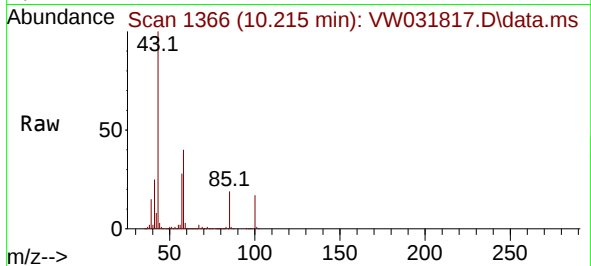




#51
4-Methyl-2-Pentanone
Concen: 251.107 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

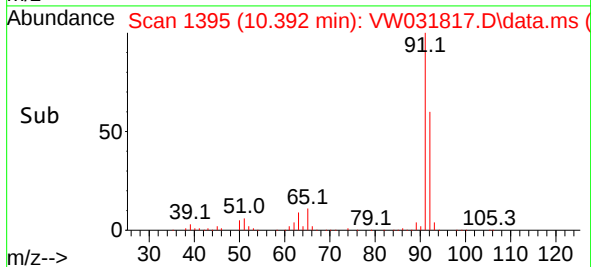
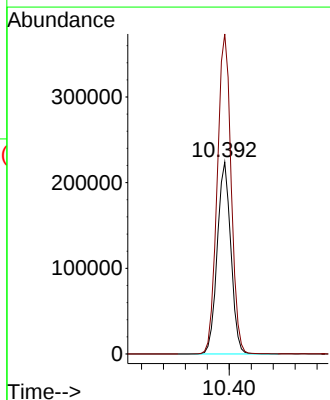
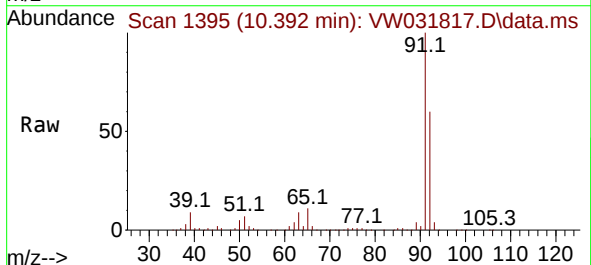
Instrument :
MSVOA_W
ClientSampleId :

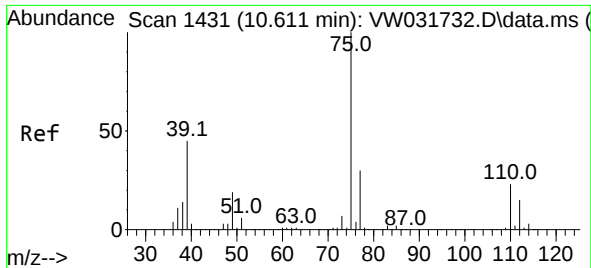
Tgt Ion: 43 Resp: 557345
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 57.372 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 92 Resp: 385851
Ion Ratio Lower Upper
92 100
91 170.6 139.5 209.3

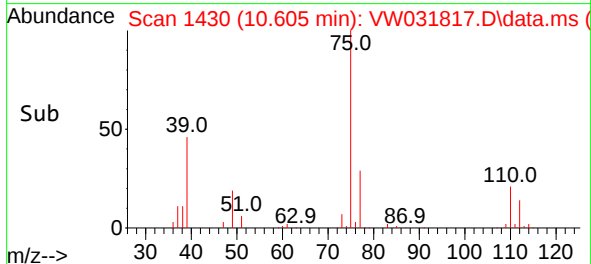
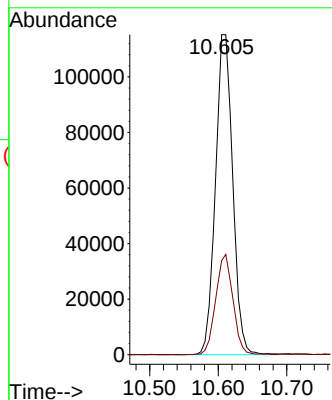
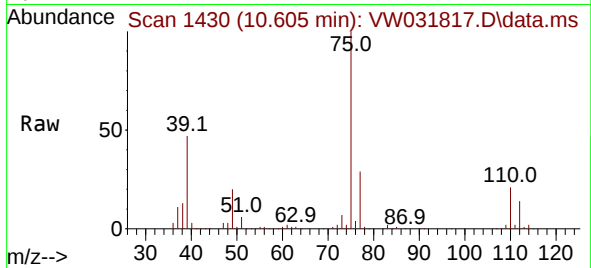




#53
t-1,3-Dichloropropene
Concen: 55.768 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

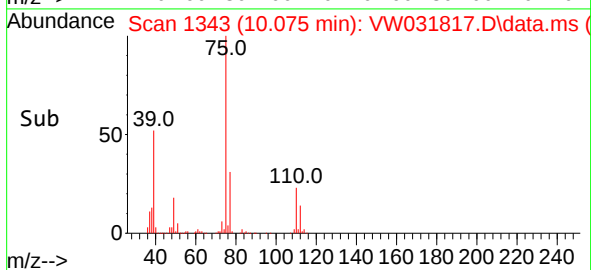
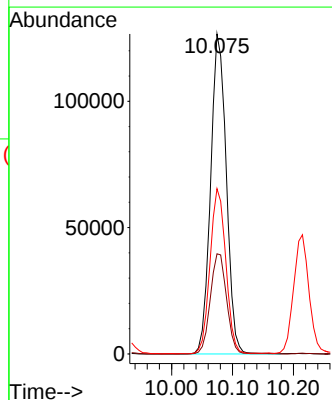
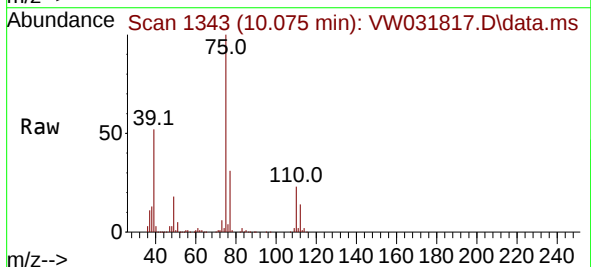
Instrument :
MSVOA_W
ClientSampleId :

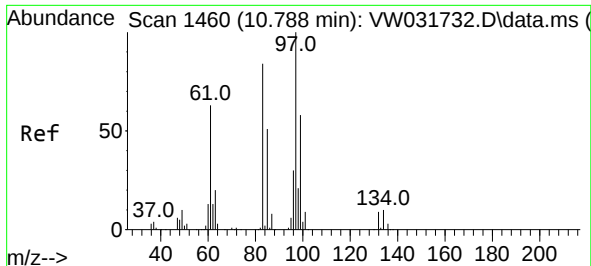
Tgt Ion: 75 Resp: 201106
Ion Ratio Lower Upper
75 100
77 29.4 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 55.508 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 75 Resp: 226918
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 51.5 41.8 62.6

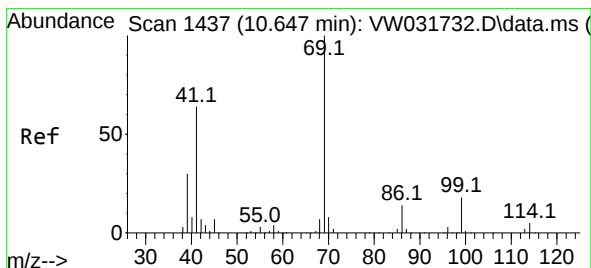
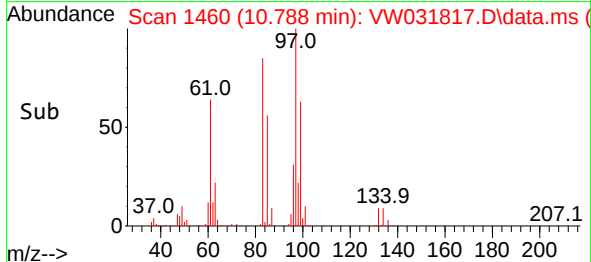
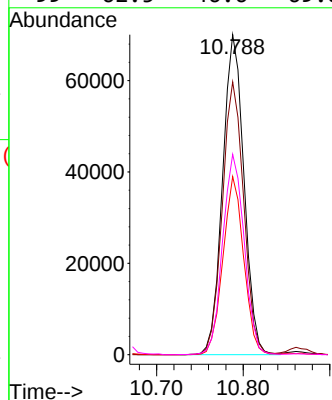
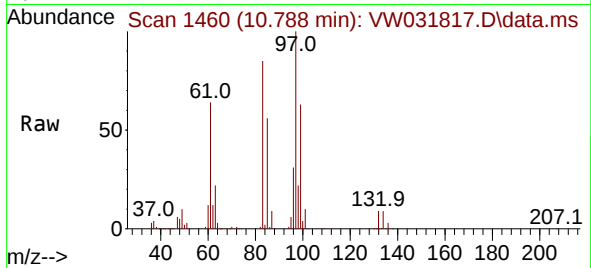




#55
1,1,2-Trichloroethane
Concen: 55.902 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

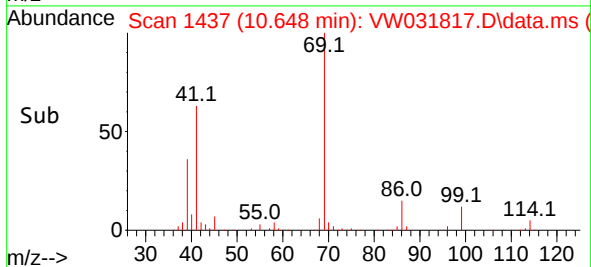
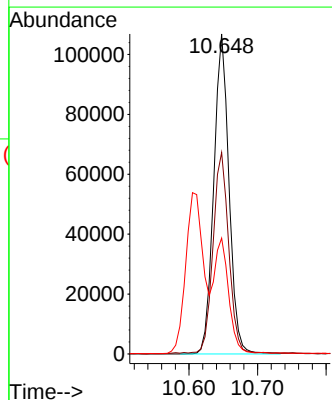
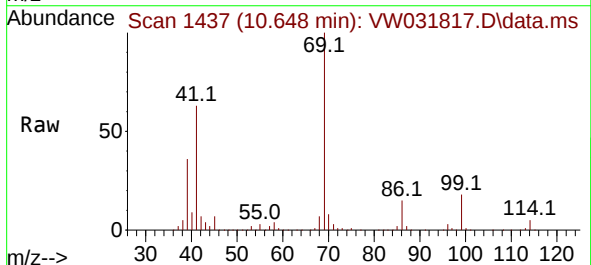
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	97	Resp:	120020
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.9	100.3
85	55.7	41.1	61.7
99	62.5	46.6	69.8



#56
Ethyl methacrylate
Concen: 56.695 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion:	69	Resp:	165136
Ion	Ratio	Lower	Upper
69	100		
41	66.2	53.3	79.9
39	34.0	30.2	45.2





#57

1,3-Dichloropropane

Concen: 56.144 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

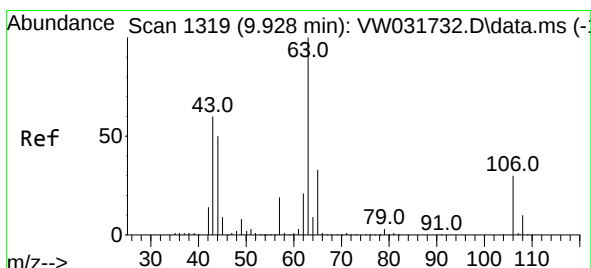
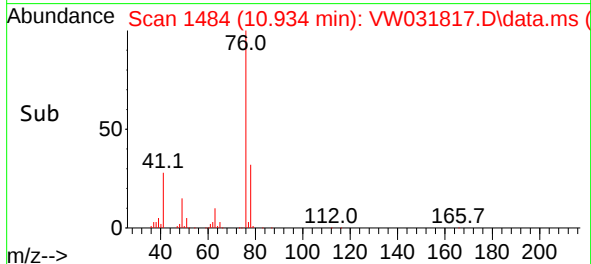
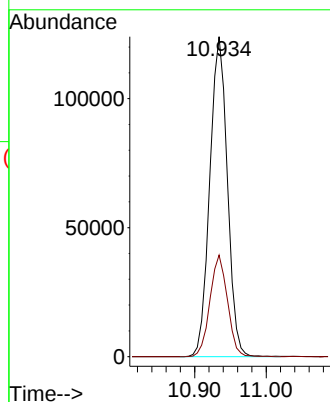
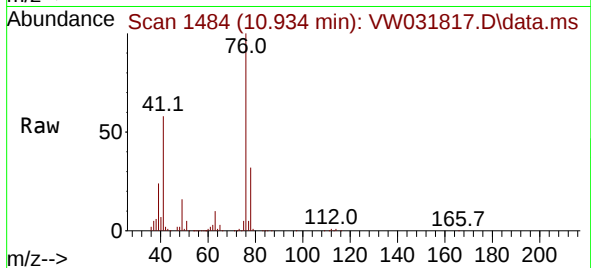
ClientSampleId :

Tgt Ion: 76 Resp: 211630

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 261.883 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031817.D

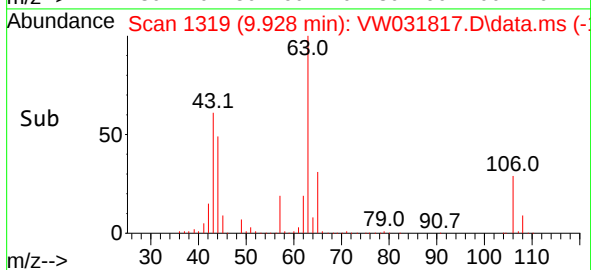
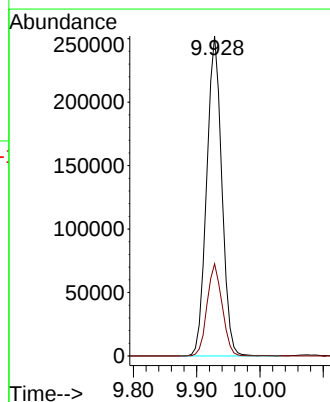
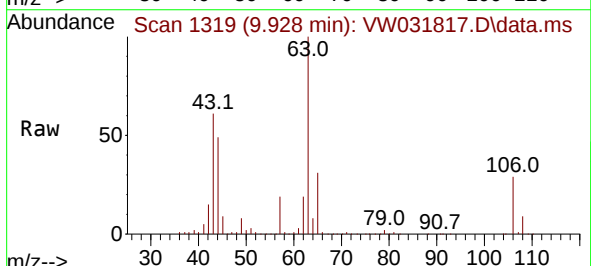
Acq: 11 Jul 2025 11:50

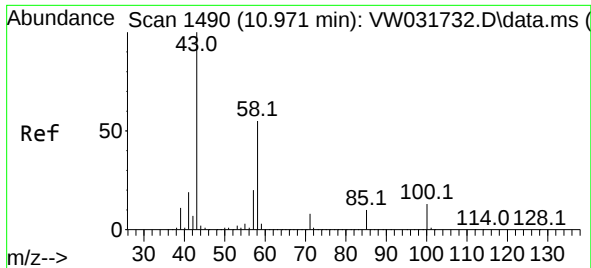
Tgt Ion: 63 Resp: 420031

Ion Ratio Lower Upper

63 100

106 28.6 24.1 36.1

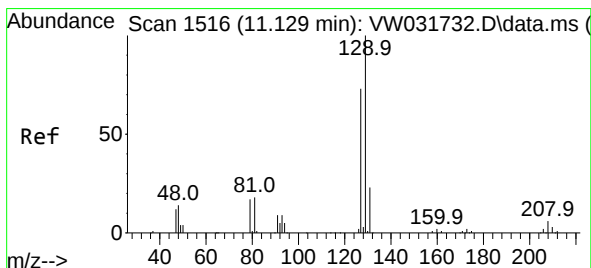
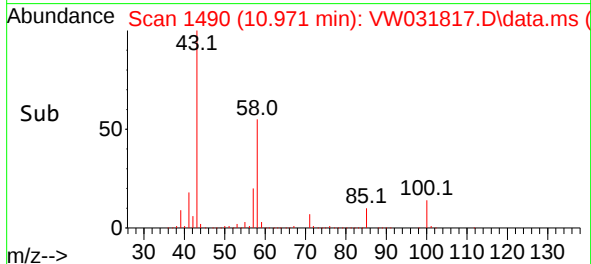
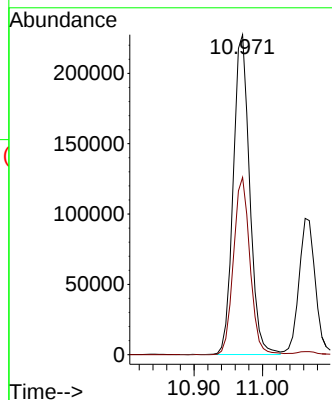
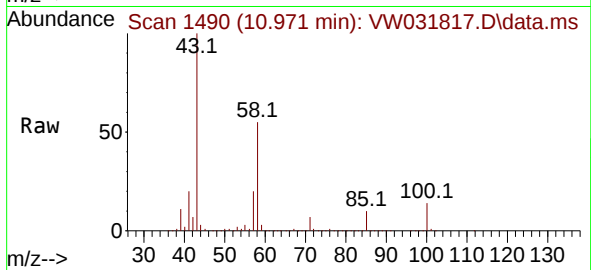




#59
2-Hexanone
Concen: 251.521 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

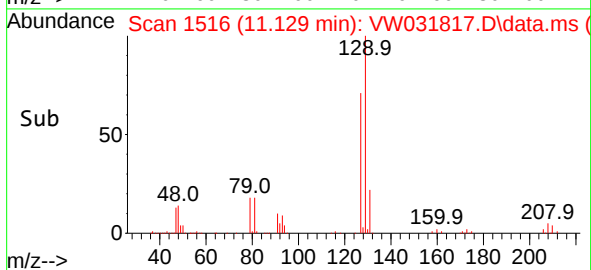
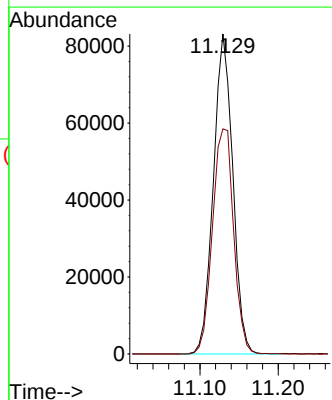
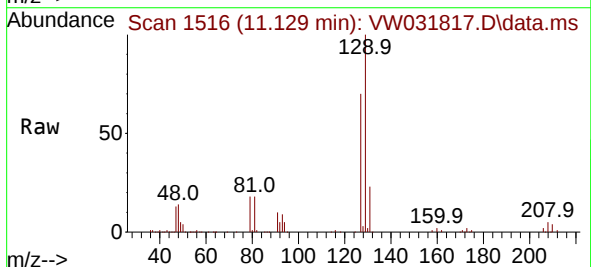
Instrument :
MSVOA_W
ClientSampleId :

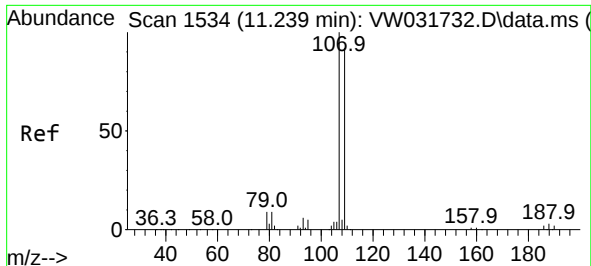
Tgt Ion: 43 Resp: 378302
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.6



#60
Dibromochloromethane
Concen: 55.694 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 129 Resp: 142988
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1

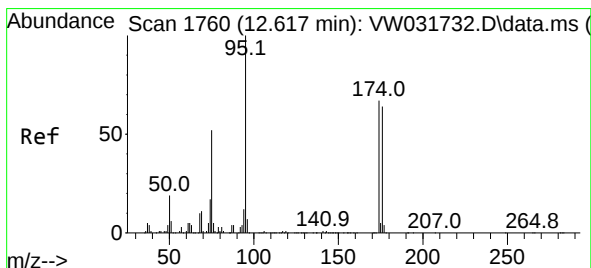
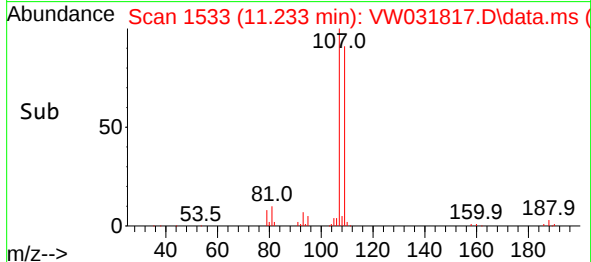
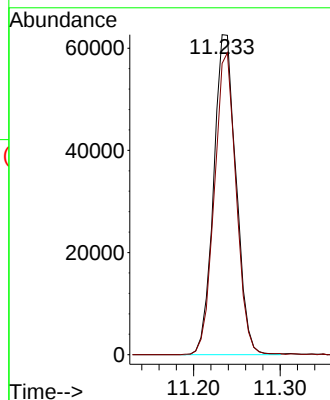
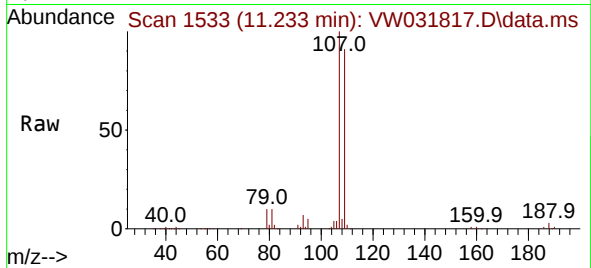




#61
1,2-Dibromoethane
Concen: 52.369 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

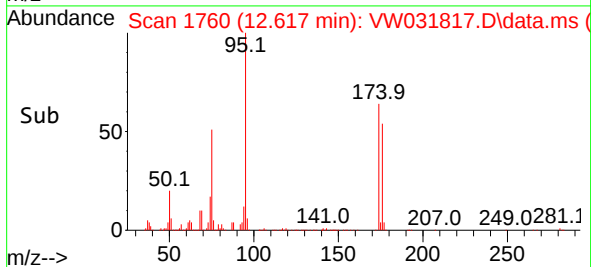
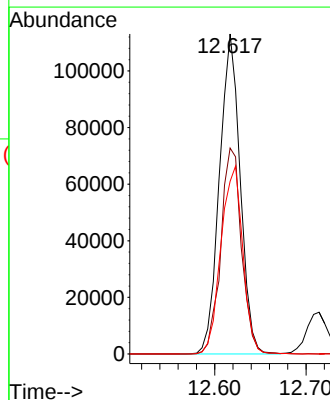
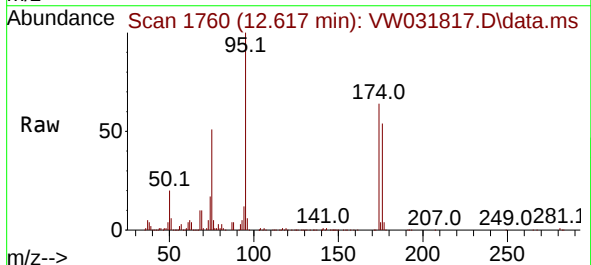
Instrument :
MSVOA_W
ClientSampleId :

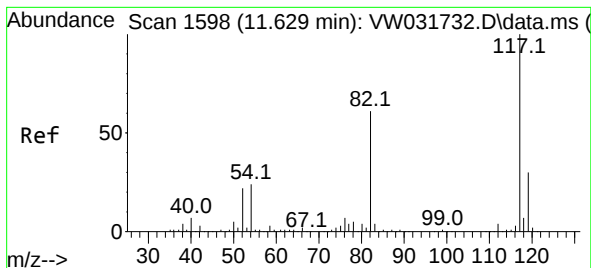
Tgt Ion:107 Resp: 112557
Ion Ratio Lower Upper
107 100
109 91.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 53.078 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 95 Resp: 178346
Ion Ratio Lower Upper
95 100
174 64.6 0.0 133.8
176 61.8 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

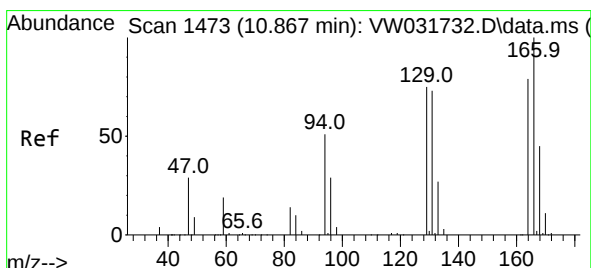
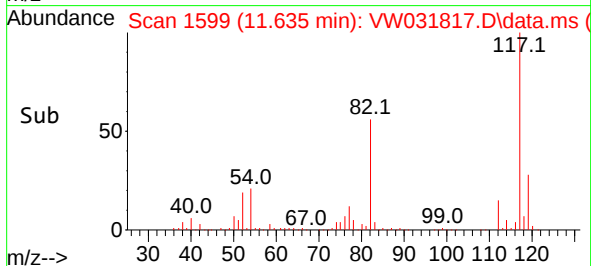
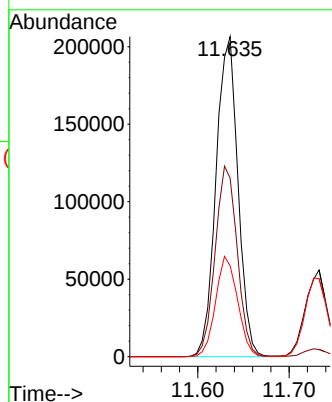
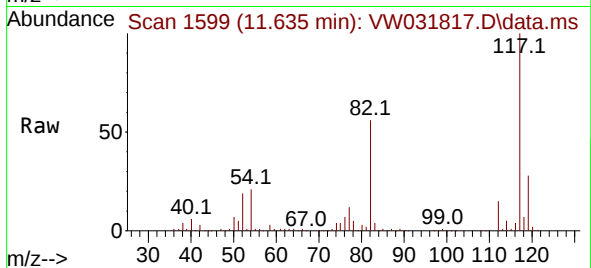
Tgt Ion:117 Resp: 344776

Ion Ratio Lower Upper

117 100

82 55.8 48.6 72.8

119 28.4 23.9 35.9



#64

Tetrachloroethene

Concen: 46.718 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Tgt Ion:164 Resp: 105360

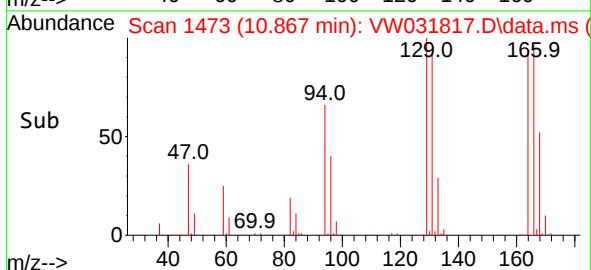
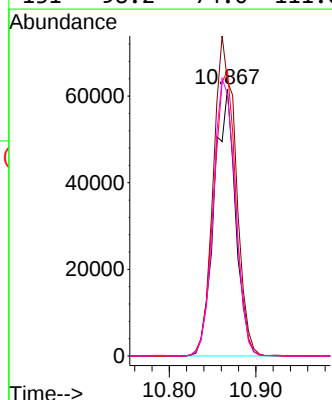
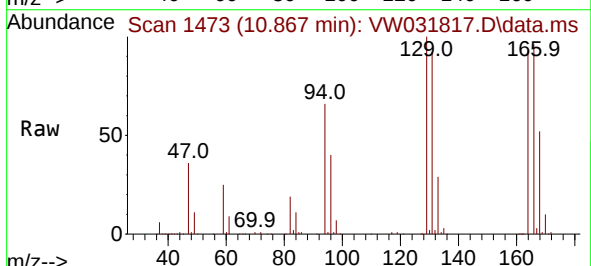
Ion Ratio Lower Upper

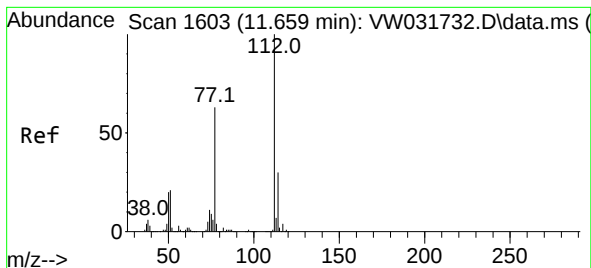
164 100

166 103.1 100.7 151.1

129 107.0 75.4 113.0

131 98.2 74.0 111.0





#65

Chlorobenzene

Concen: 54.336 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

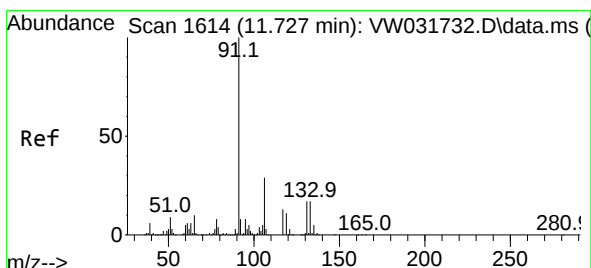
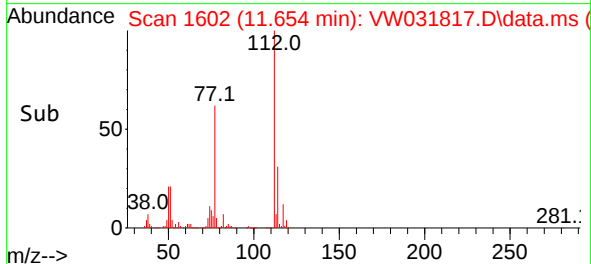
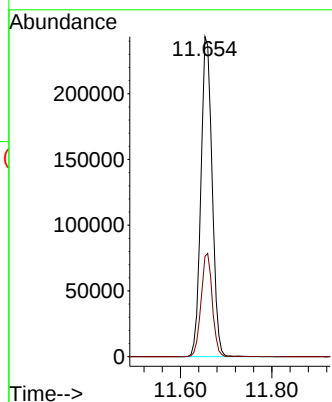
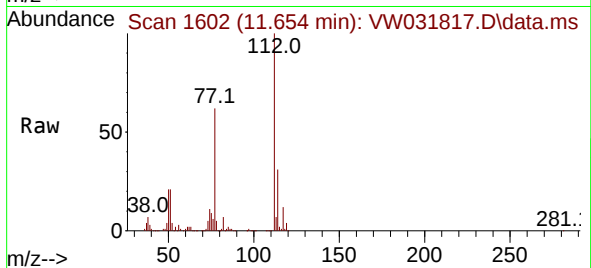
ClientSampleId :

Tgt Ion:112 Resp: 413332

Ion Ratio Lower Upper

112 100

114 31.3 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 54.113 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

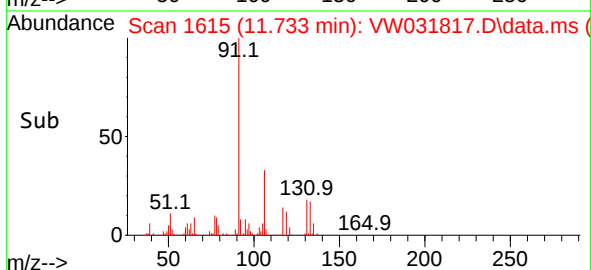
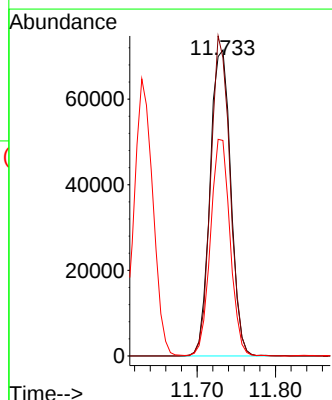
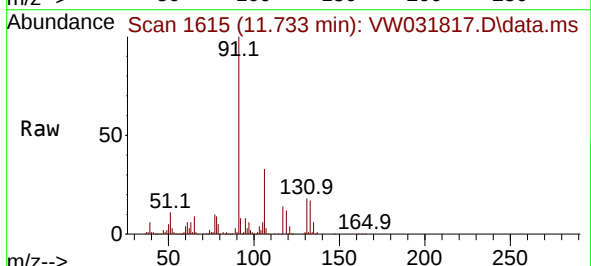
Tgt Ion:131 Resp: 131174

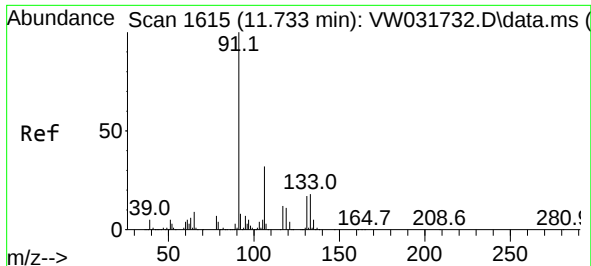
Ion Ratio Lower Upper

131 100

133 97.9 48.5 145.6

119 67.2 32.5 97.5





#67

Ethyl Benzene

Concen: 53.894 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

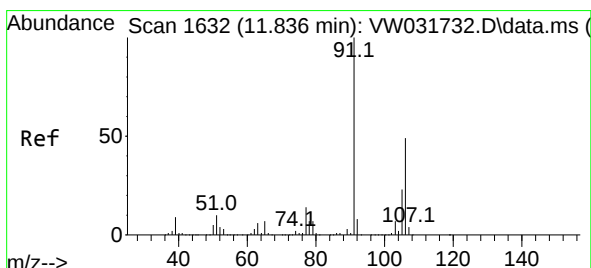
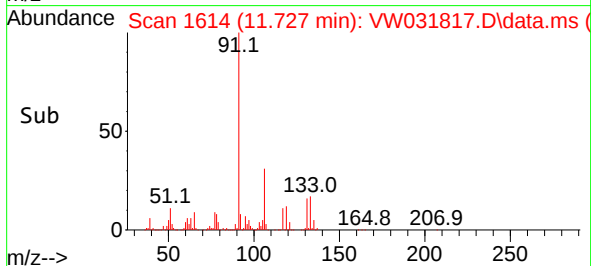
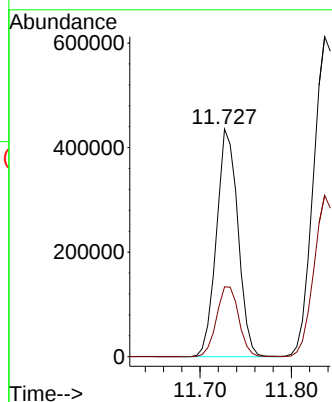
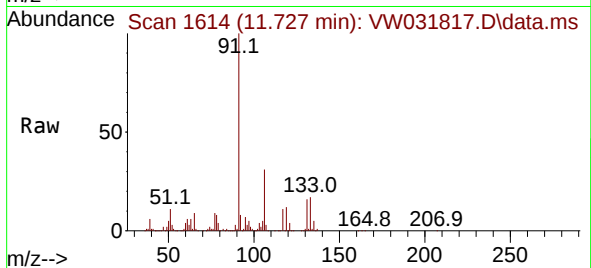
ClientSampleId :

Tgt Ion: 91 Resp: 710907

Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.2



#68

m/p-Xylenes

Concen: 111.656 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031817.D

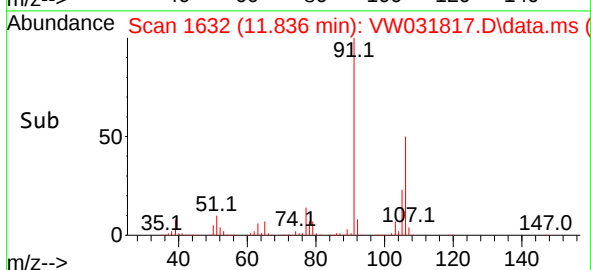
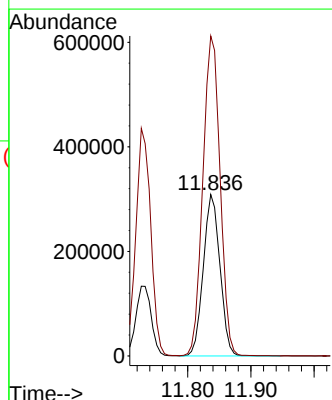
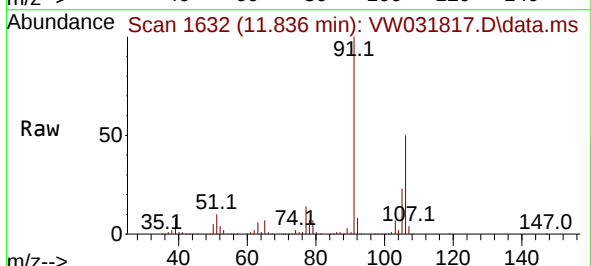
Acq: 11 Jul 2025 11:50

Tgt Ion:106 Resp: 566179

Ion Ratio Lower Upper

106 100

91 205.2 166.4 249.6

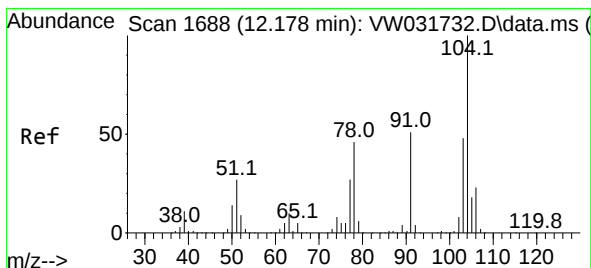
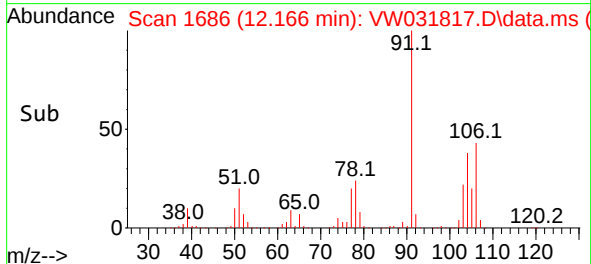
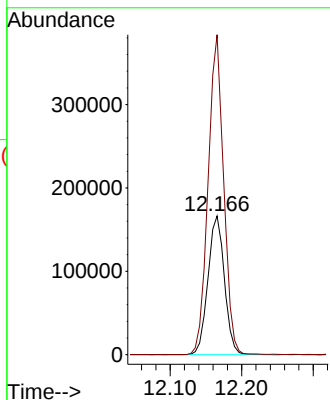
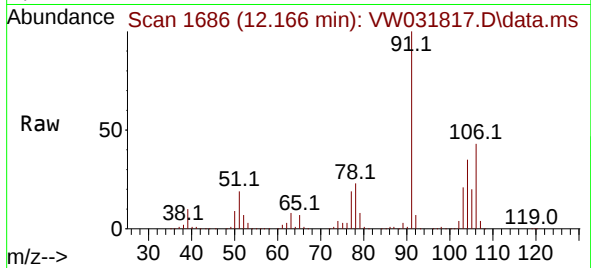




#69
o-Xylene
Concen: 56.528 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

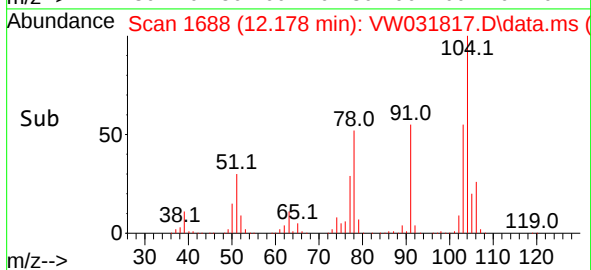
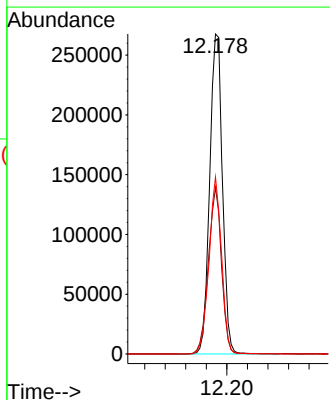
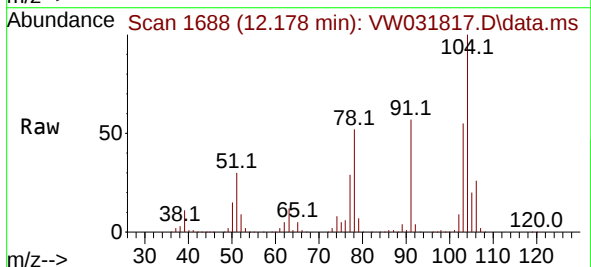
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 265395
Ion Ratio Lower Upper
106 100
91 218.7 111.5 334.4



#70
Styrene
Concen: 56.732 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion:104 Resp: 460466
Ion Ratio Lower Upper
104 100
78 53.6 42.1 63.1
103 54.5 43.0 64.6





#71

Bromoform

Concen: 47.961 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

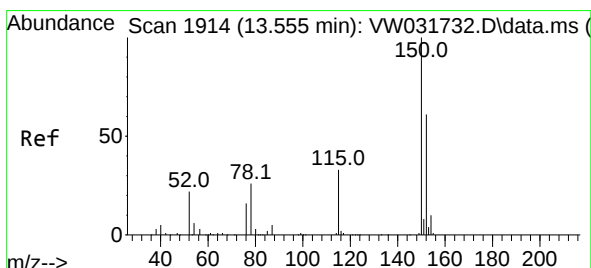
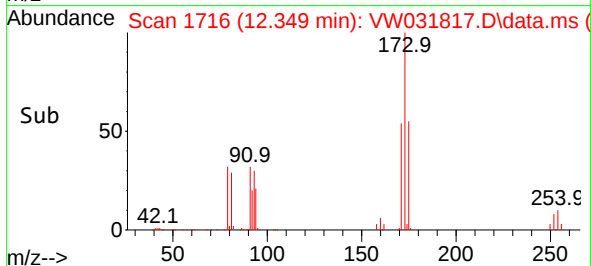
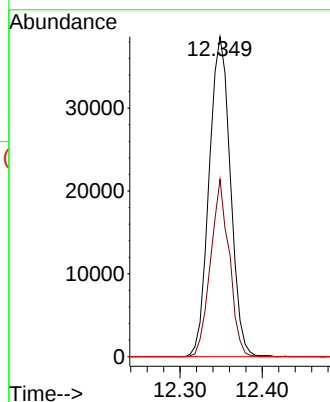
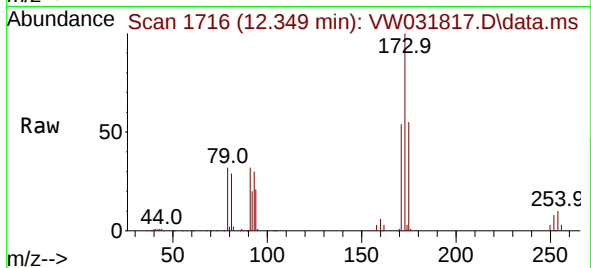
Tgt Ion:173 Resp: 69356

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

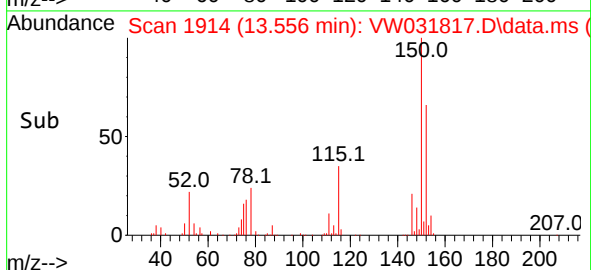
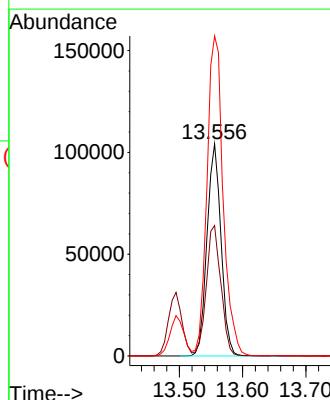
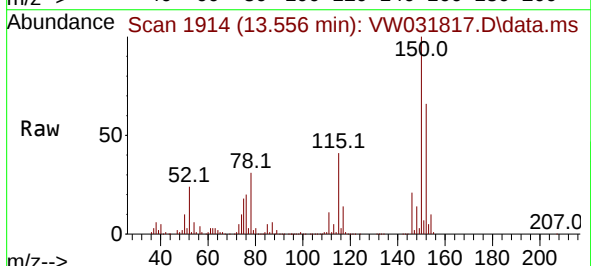
Tgt Ion:152 Resp: 160985

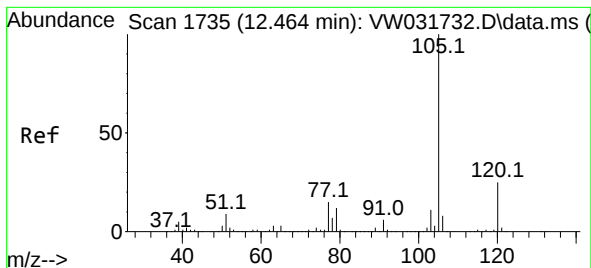
Ion Ratio Lower Upper

152 100

115 64.2 31.9 95.7

150 173.5 0.0 356.4





#73

Isopropylbenzene

Concen: 55.162 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

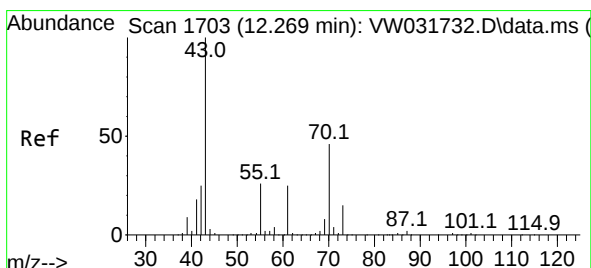
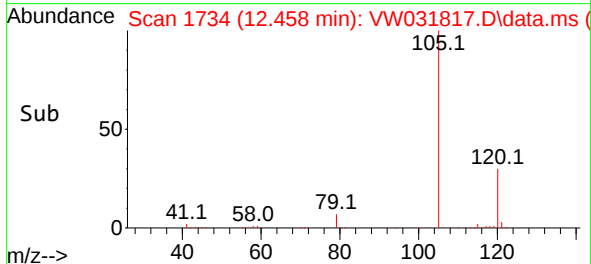
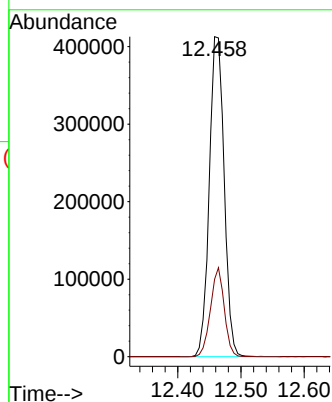
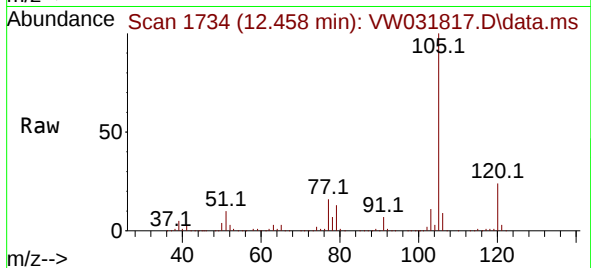
ClientSampleId :

Tgt Ion:105 Resp: 675485

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 53.210 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Tgt Ion: 43 Resp: 175622

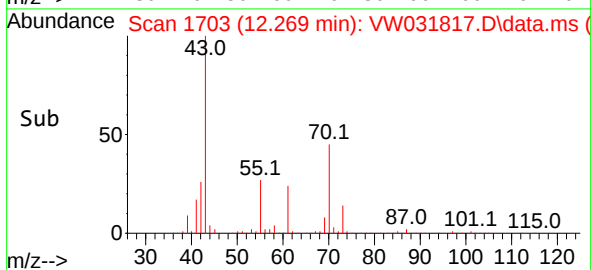
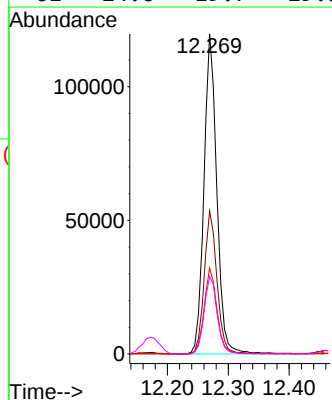
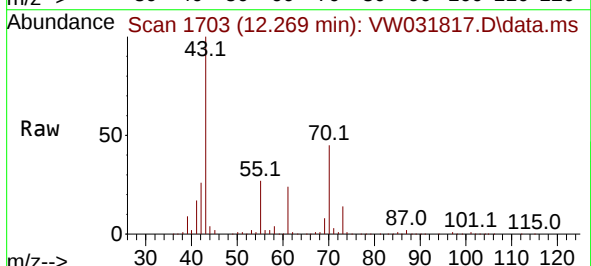
Ion Ratio Lower Upper

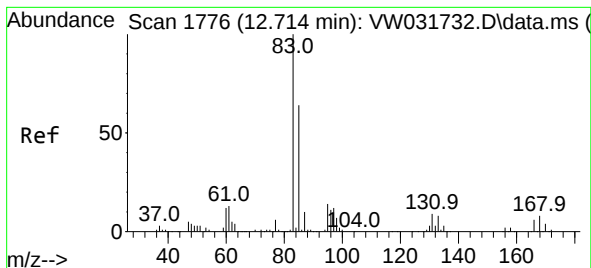
43 100

70 44.5 36.0 54.0

55 27.1 20.8 31.2

61 24.6 19.7 29.5

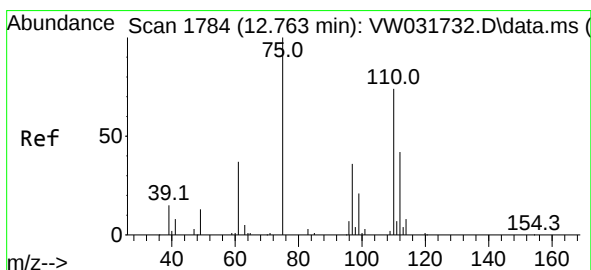
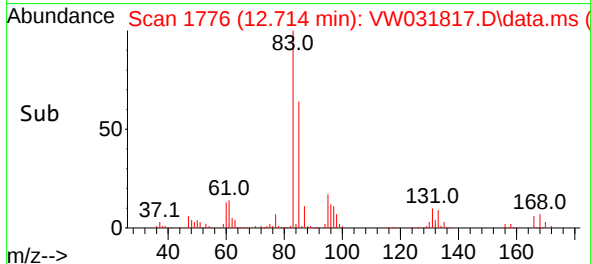
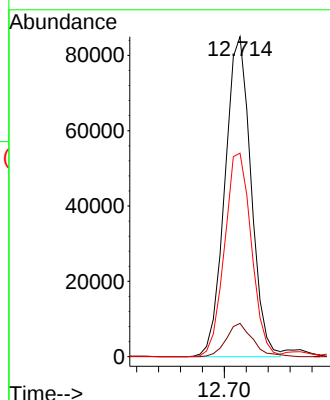
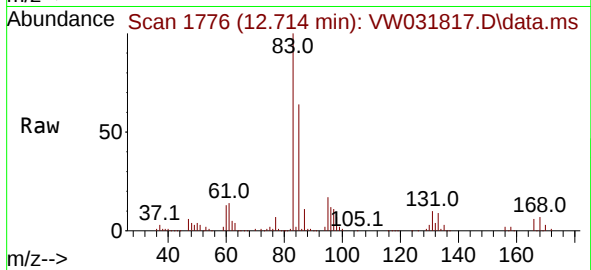




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.710 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

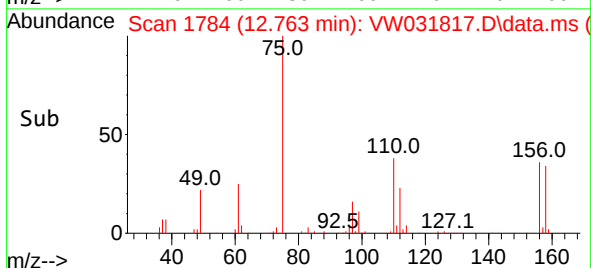
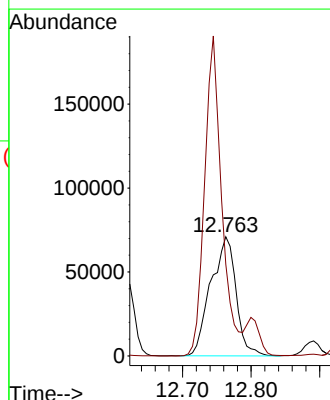
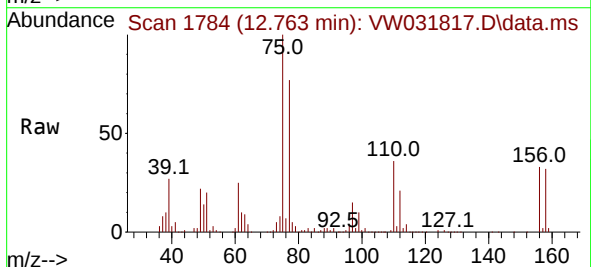
Instrument :
 MSVOA_W
 ClientSampleId :

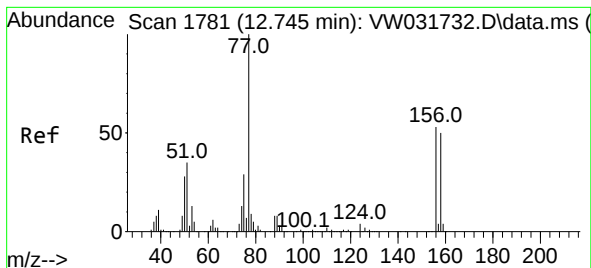
Tgt Ion: 83 Resp: 140579
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 16.1
 85 65.4 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 87.267 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW031817.D
 Acq: 11 Jul 2025 11:50

Tgt Ion: 75 Resp: 181548
 Ion Ratio Lower Upper
 75 100
 77 184.2 141.2 423.6





#77

Bromobenzene

Concen: 54.059 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

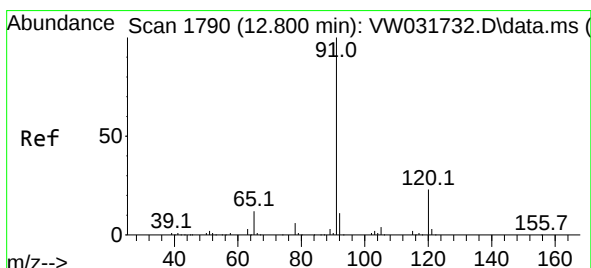
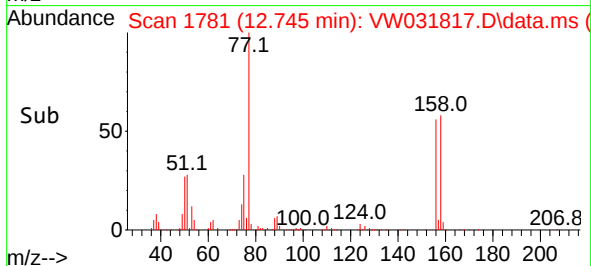
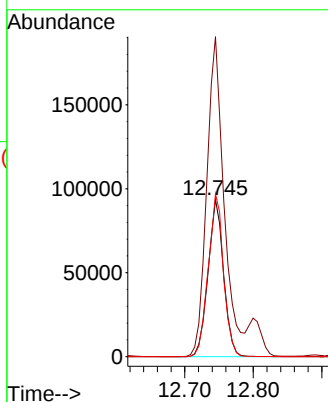
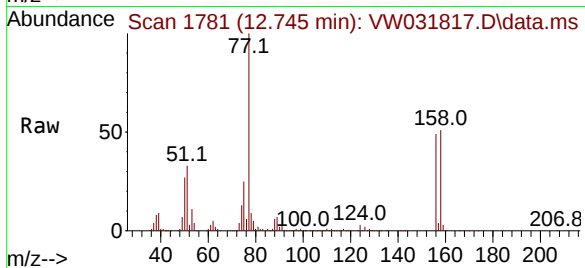
Tgt Ion:156 Resp: 147643

Ion Ratio Lower Upper

156 100

77 226.4 117.9 353.7

158 101.8 52.6 157.8



#78

n-propylbenzene

Concen: 56.857 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031817.D

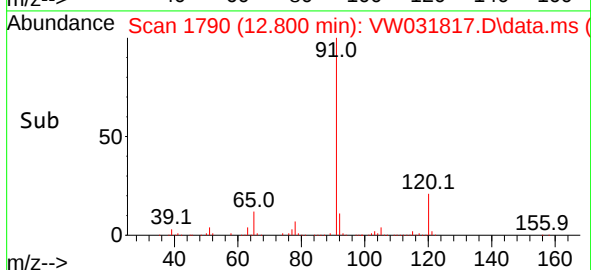
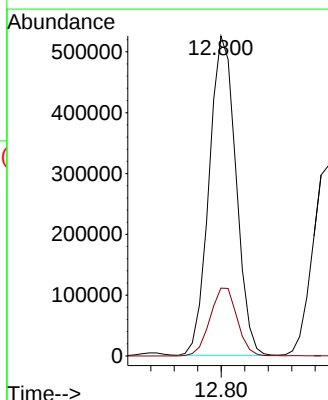
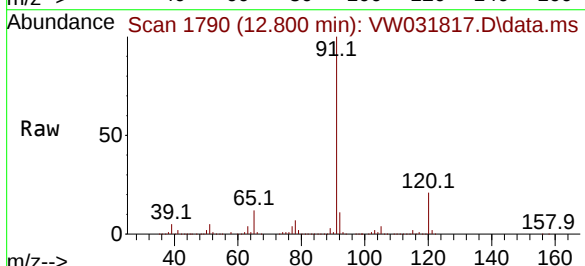
Acq: 11 Jul 2025 11:50

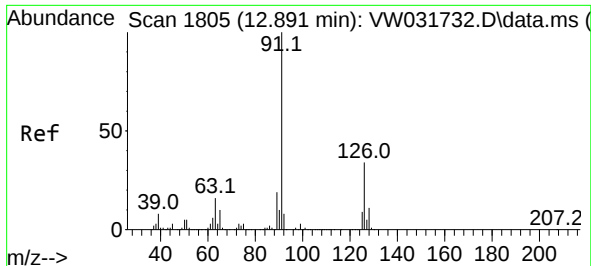
Tgt Ion: 91 Resp: 833721

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

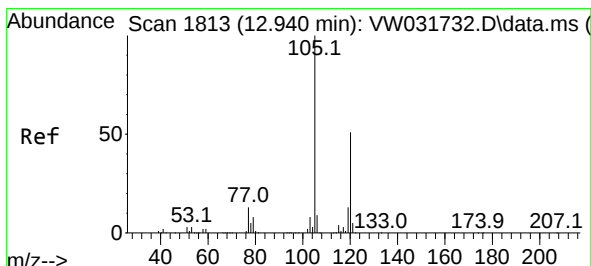
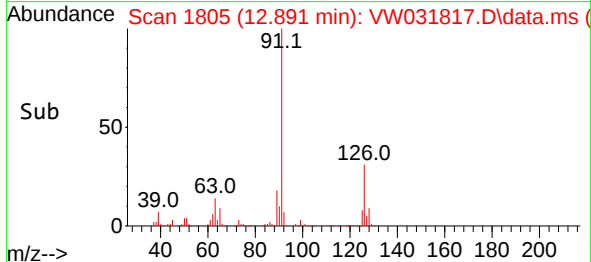
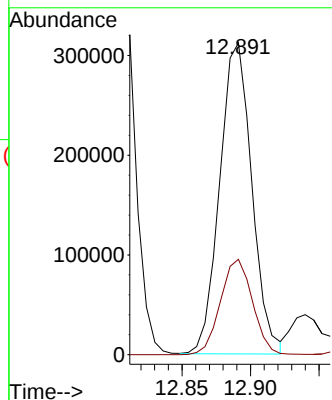
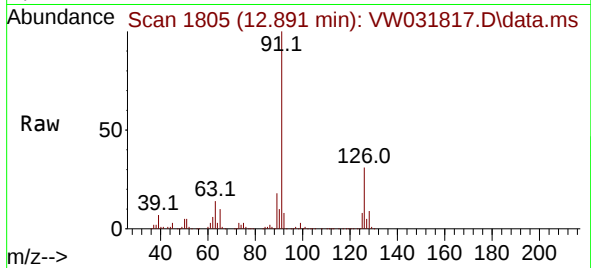




#79
2-Chlorotoluene
Concen: 57.627 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

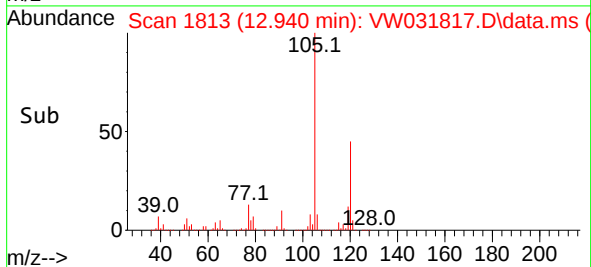
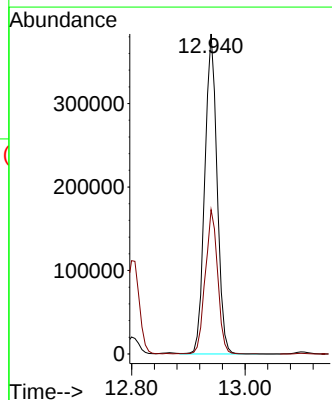
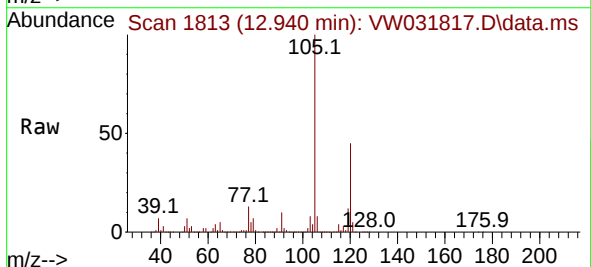
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 508849
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 56.929 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 105 Resp: 577037
Ion Ratio Lower Upper
105 100
120 45.3 23.8 71.2

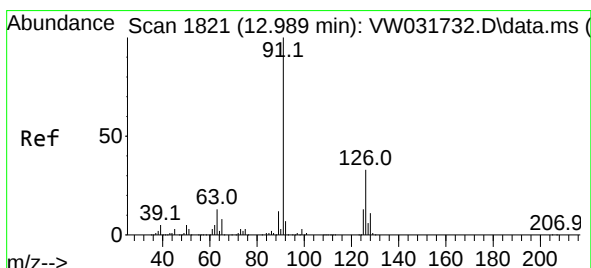
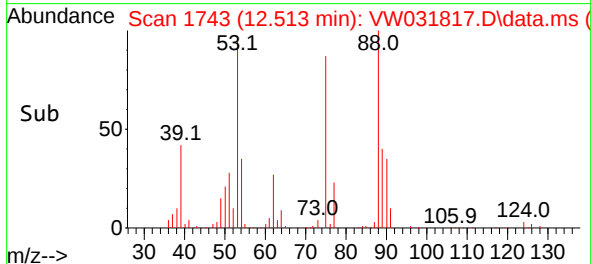
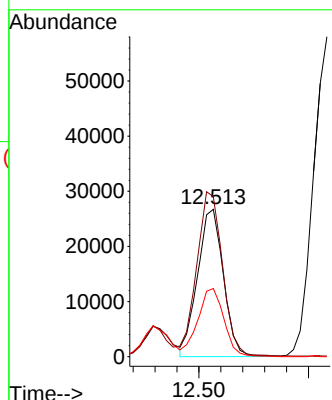
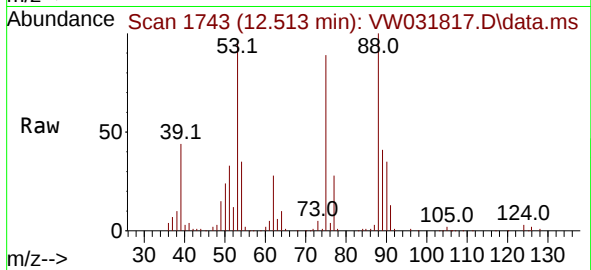




#81
trans-1,4-Dichloro-2-butene
Concen: 49.096 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

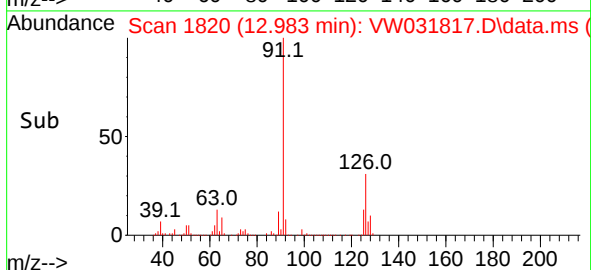
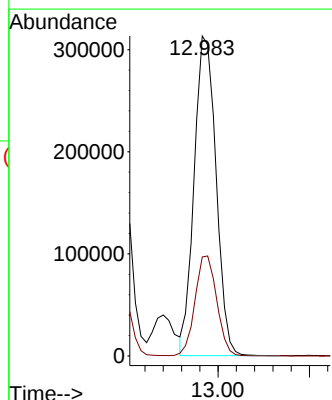
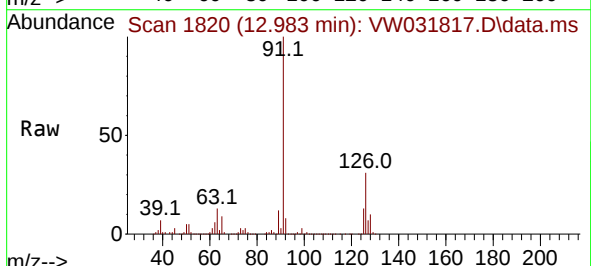
Instrument :
MSVOA_W
ClientSampleId :

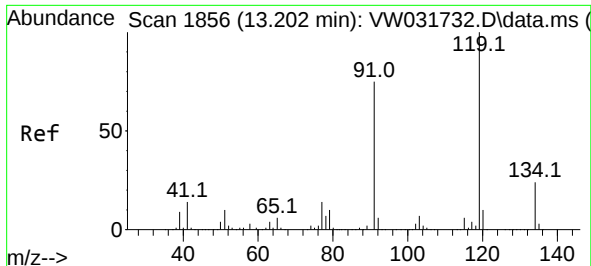
Tgt Ion: 75 Resp: 43852
Ion Ratio Lower Upper
75 100
53 112.6 83.5 125.3
89 46.7 38.3 57.5



#82
4-Chlorotoluene
Concen: 56.329 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

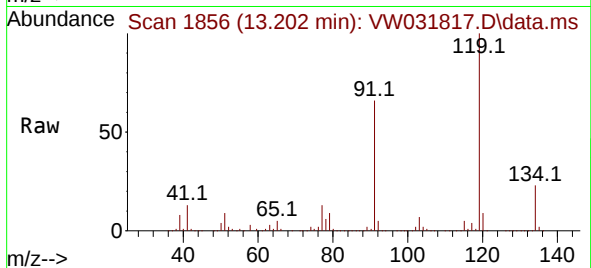
Tgt Ion: 91 Resp: 522197
Ion Ratio Lower Upper
91 100
126 31.3 16.0 47.9



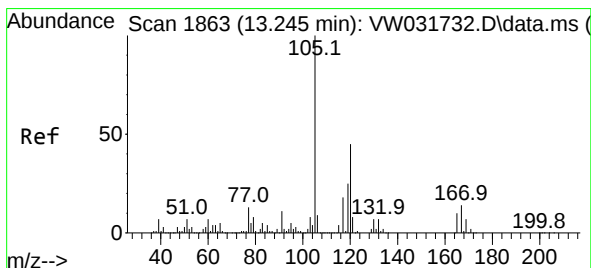
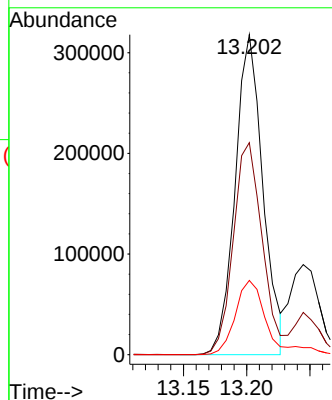
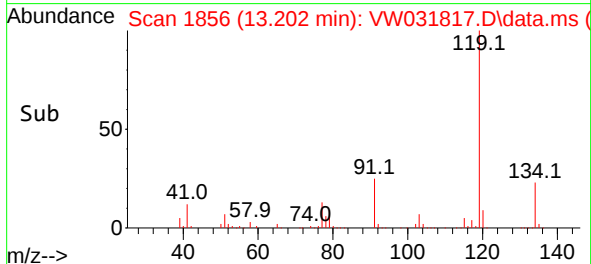


#83
tert-Butylbenzene
Concen: 55.953 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

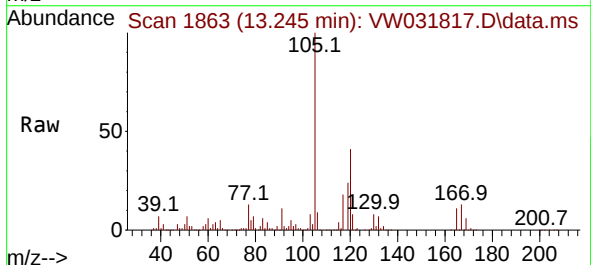
Instrument :
MSVOA_W
ClientSampleId :



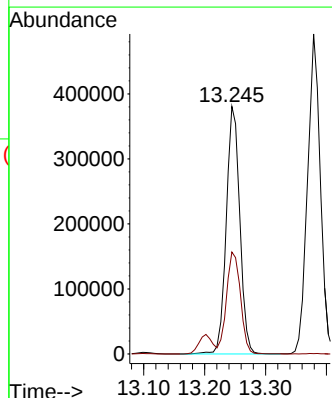
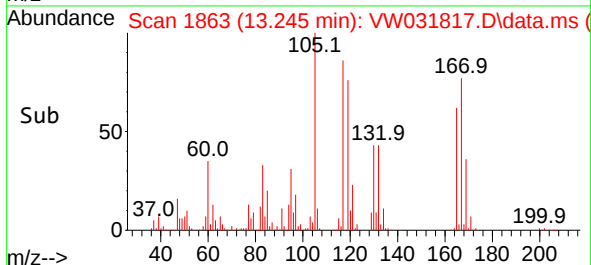
Tgt Ion:119 Resp: 485811
Ion Ratio Lower Upper
119 100
91 68.5 36.0 108.1
134 26.5 12.4 37.2

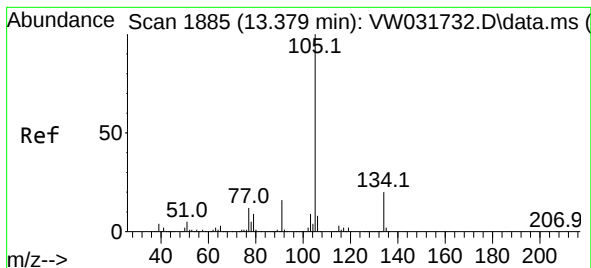


#84
1,2,4-Trimethylbenzene
Concen: 57.117 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50



Tgt Ion:105 Resp: 586597
Ion Ratio Lower Upper
105 100
120 42.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 55.070 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

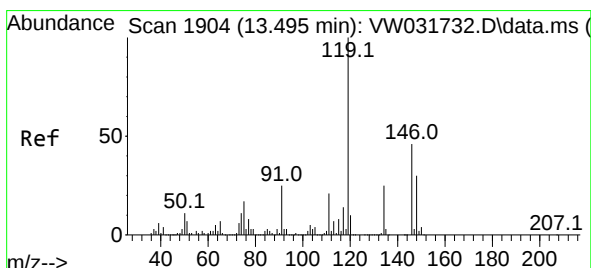
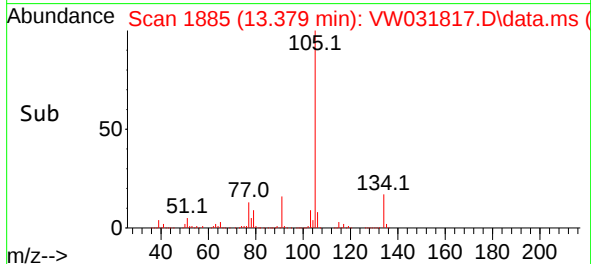
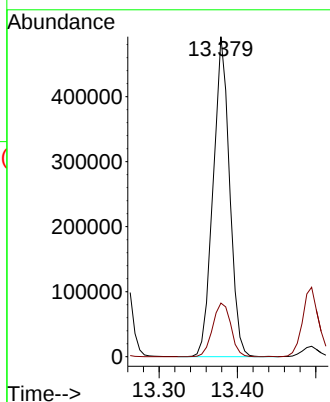
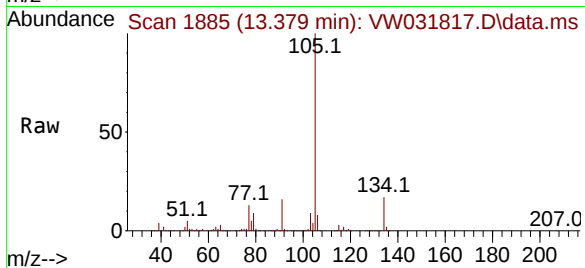
ClientSampleId :

Tgt Ion:105 Resp: 717686

Ion Ratio Lower Upper

105 100

134 18.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 58.081 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

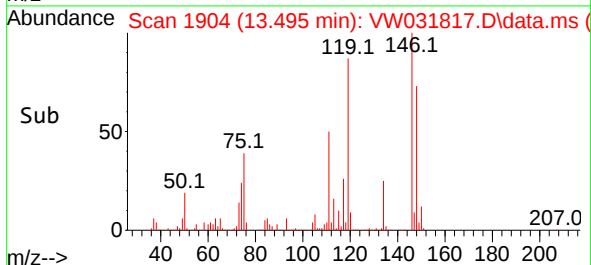
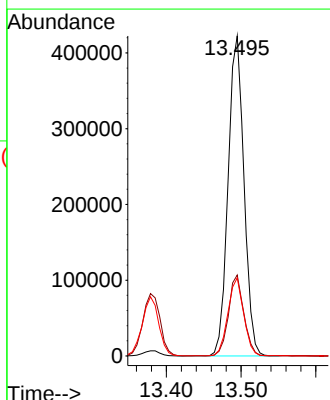
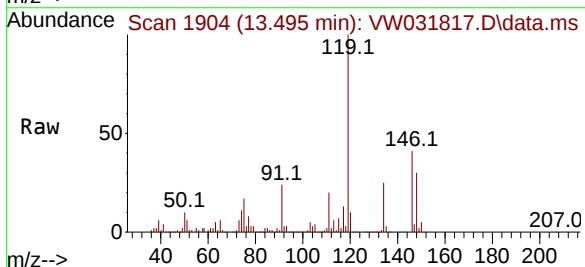
Tgt Ion:119 Resp: 623814

Ion Ratio Lower Upper

119 100

134 24.4 12.9 38.7

91 24.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 55.624 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

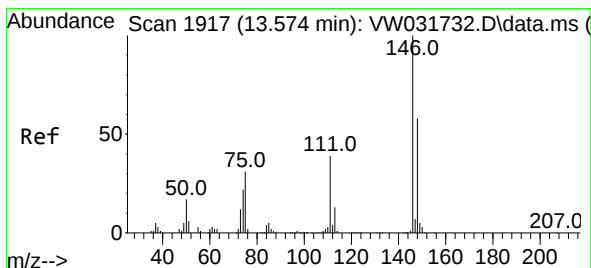
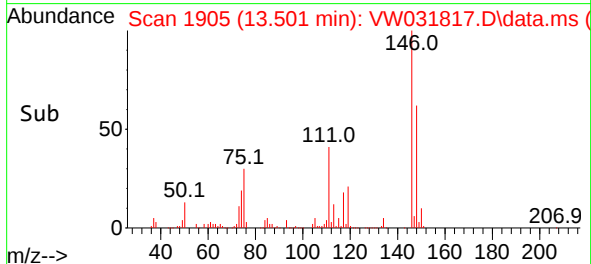
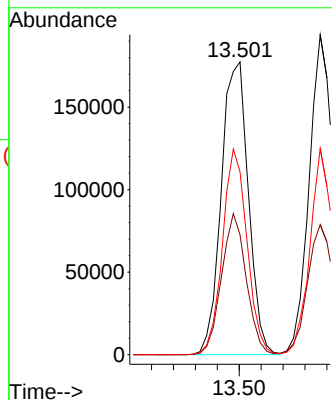
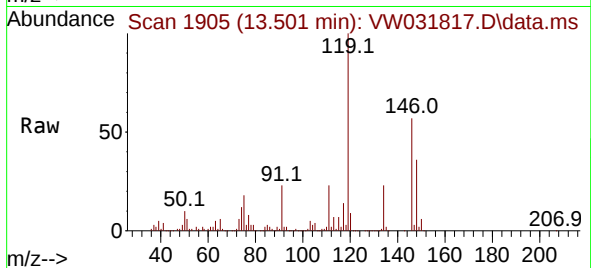
Tgt Ion:146 Resp: 304661

Ion Ratio Lower Upper

146 100

111 43.9 22.3 66.9

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 54.061 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

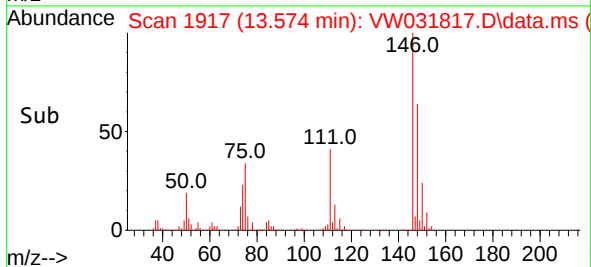
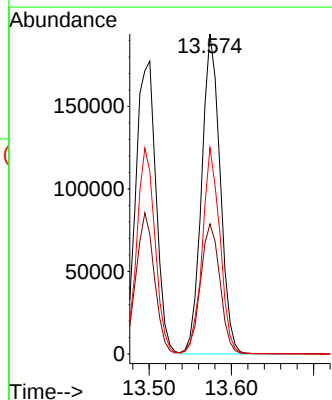
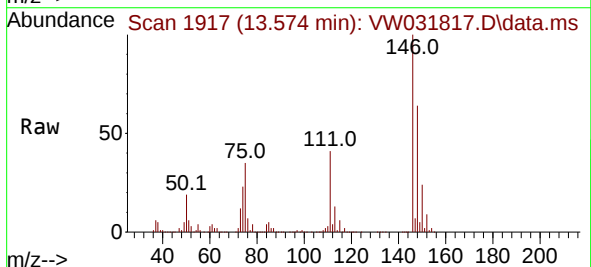
Tgt Ion:146 Resp: 303075

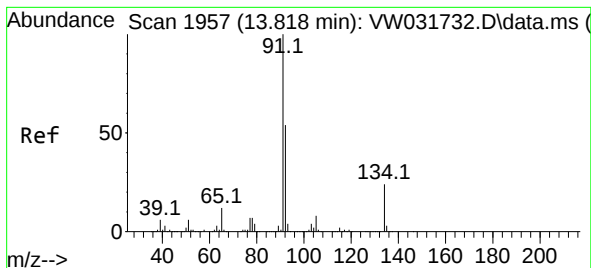
Ion Ratio Lower Upper

146 100

111 42.8 20.4 61.3

148 61.5 30.2 90.6





#89

n-Butylbenzene

Concen: 55.761 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031817.D

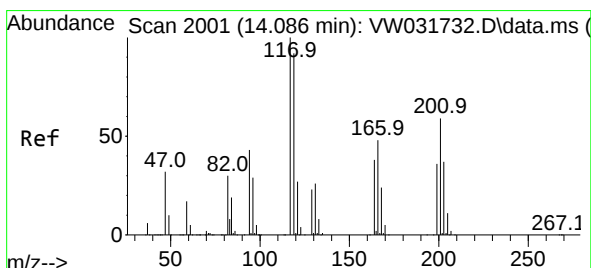
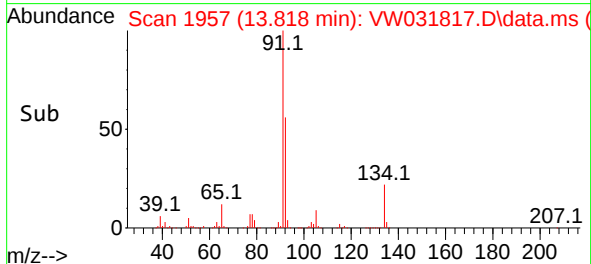
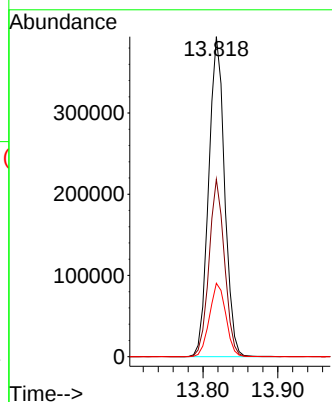
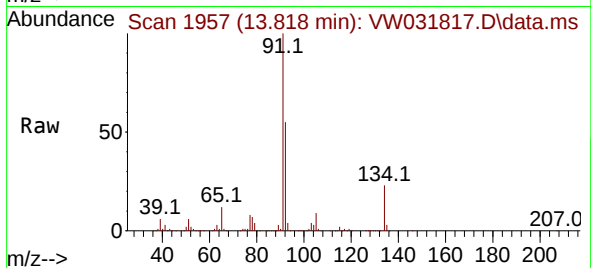
Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	581890
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.5
134	23.6	12.2	36.6



#90

Hexachloroethane

Concen: 54.881 ug/l

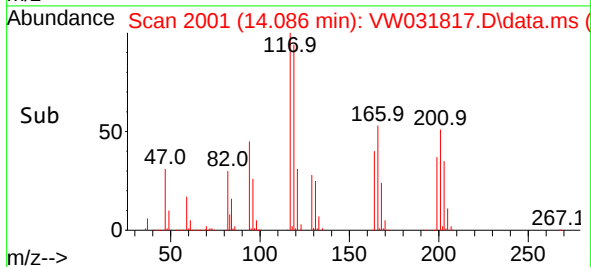
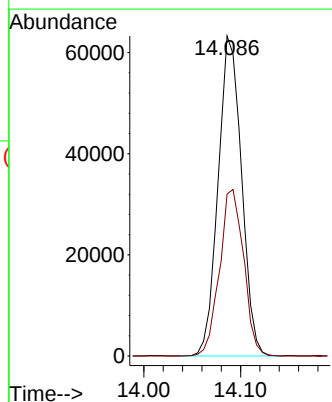
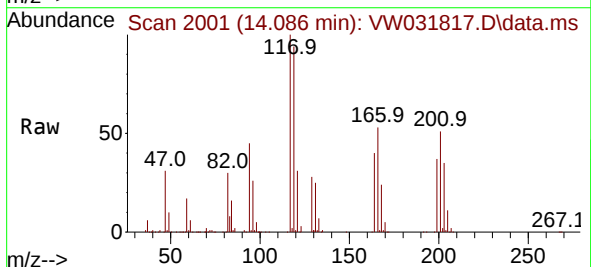
RT: 14.086 min Scan# 2001

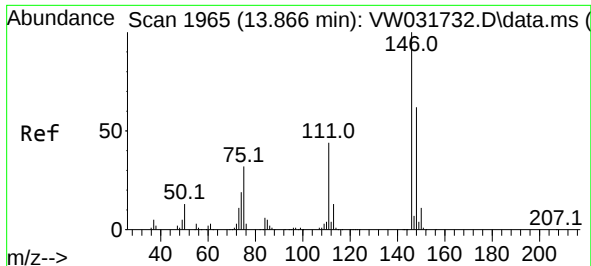
Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Tgt Ion:	117	Resp:	106341
Ion	Ratio	Lower	Upper
117	100		
201	53.5	31.1	93.3

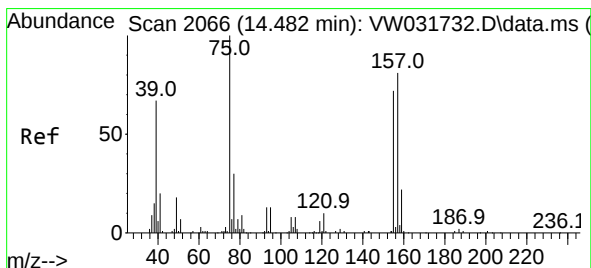
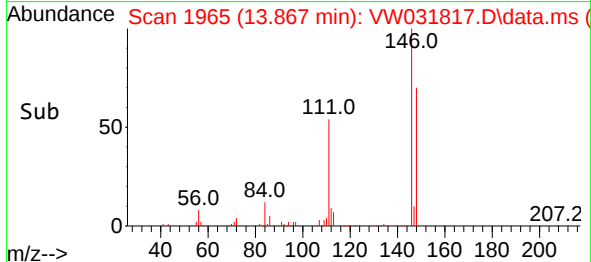
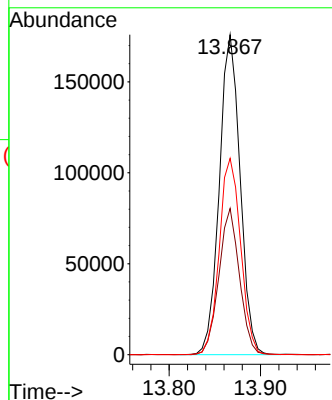
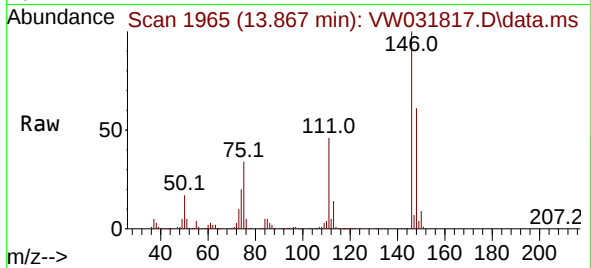




#91
1,2-Dichlorobenzene
Concen: 55.590 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

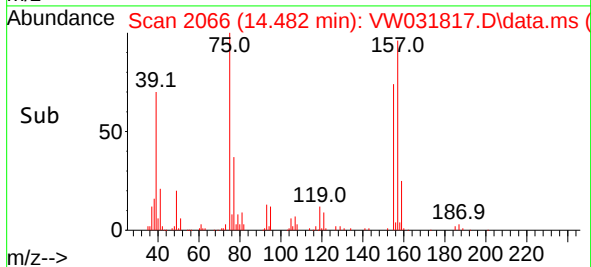
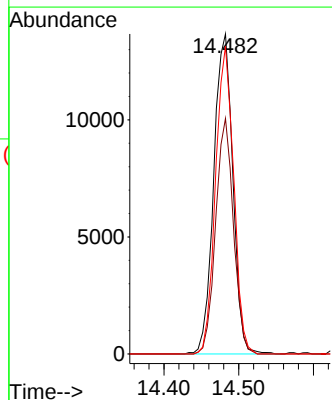
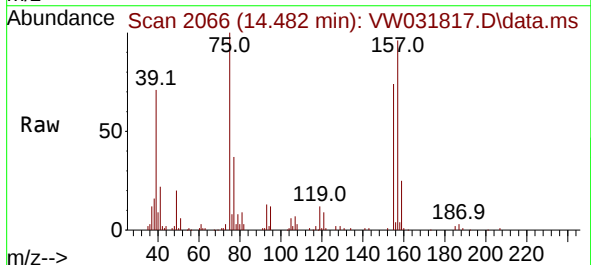
Instrument :
MSVOA_W
ClientSampleId :

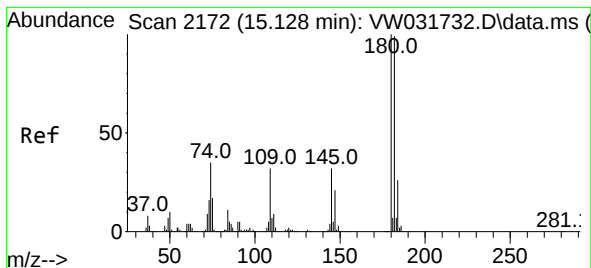
Tgt Ion:146 Resp: 278291
Ion Ratio Lower Upper
146 100
111 45.4 21.7 65.1
148 63.2 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.569 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031817.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 75 Resp: 24189
Ion Ratio Lower Upper
75 100
155 68.8 37.2 111.6
157 91.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 51.387 ug/l

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

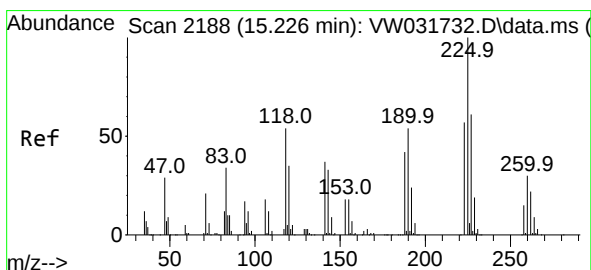
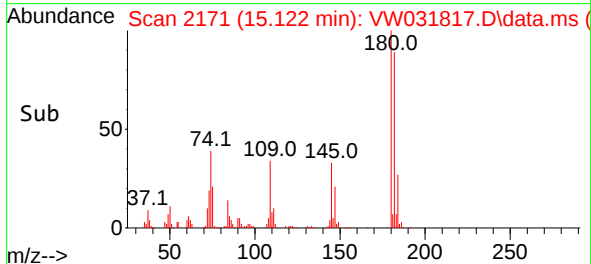
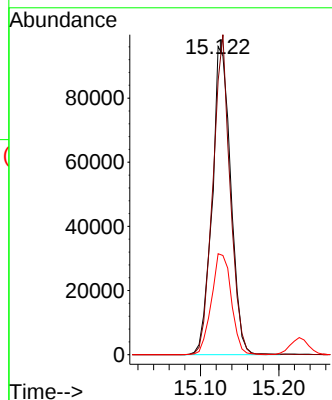
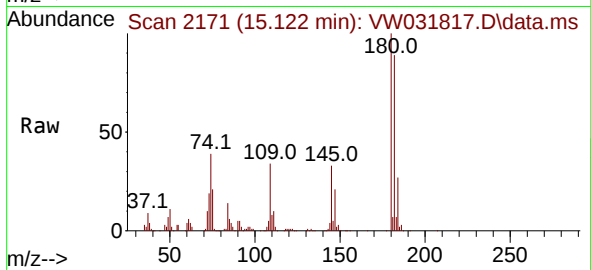
Tgt Ion:180 Resp: 158651

Ion Ratio Lower Upper

180 100

182 96.2 48.6 145.9

145 35.0 17.3 51.7



#94

Hexachlorobutadiene

Concen: 49.625 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

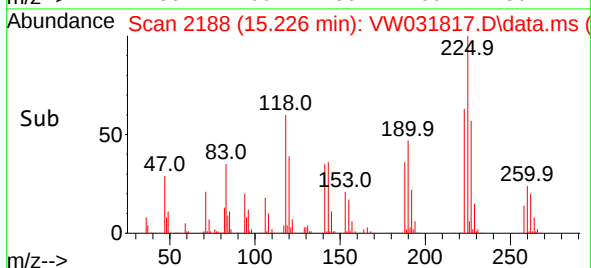
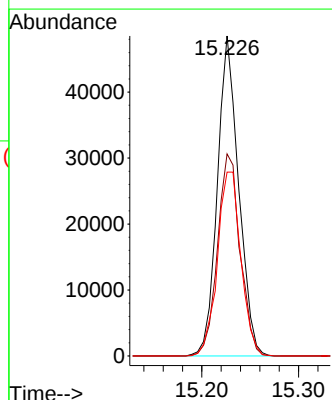
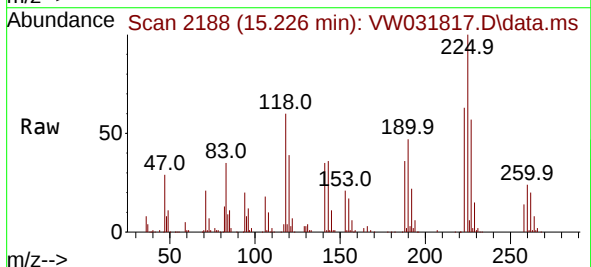
Tgt Ion:225 Resp: 73982

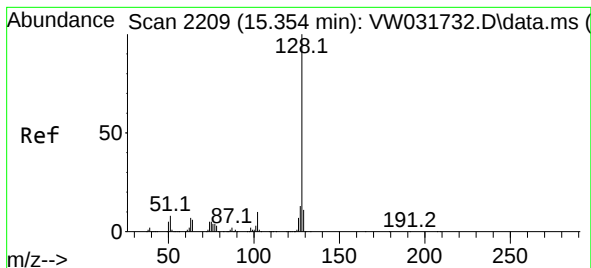
Ion Ratio Lower Upper

225 100

223 67.0 32.6 97.8

227 63.5 37.3 111.8





#95

Naphthalene

Concen: 51.813 ug/l

RT: 15.360 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

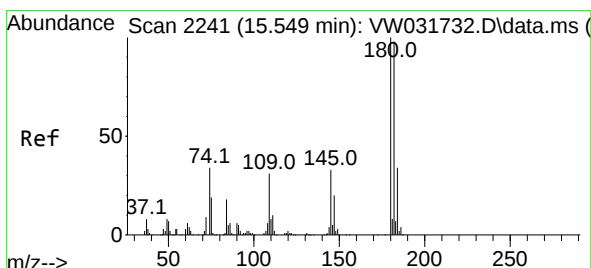
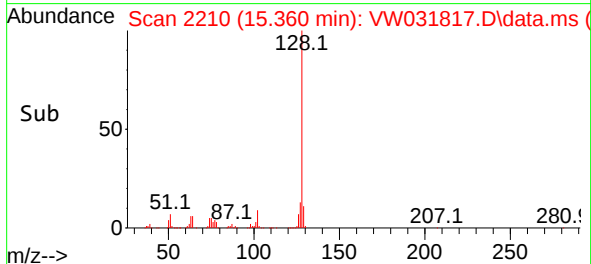
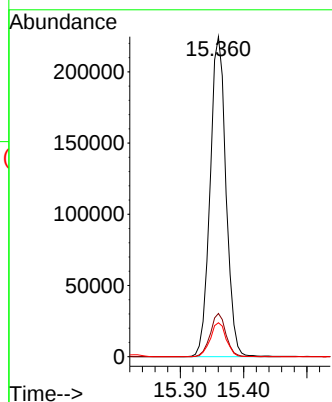
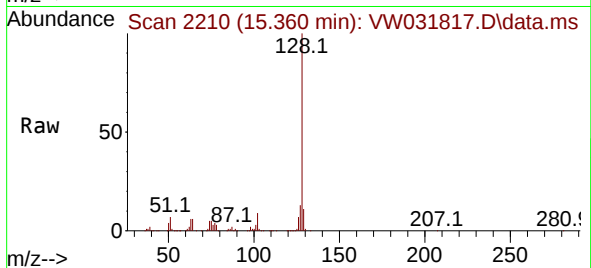
Tgt Ion:128 Resp: 392173

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.904 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031817.D

Acq: 11 Jul 2025 11:50

Tgt Ion:180 Resp: 152916

Ion Ratio Lower Upper

180 100

182 90.2 46.4 139.1

145 35.3 17.8 53.3

