

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031794.D
 Acq On : 10 Jul 2025 11:33
 Operator : SY/MD
 Sample : VW0710SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Quant Time: Jul 11 02:17:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	226314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	415001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	365558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	167289	51.507	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.020%	
35) Dibromofluoromethane	7.904	113	135149	49.906	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.820%	
50) Toluene-d8	10.325	98	501996	49.812	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.617	95	192442	51.890	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.780%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	30178	19.580	ug/l	96
3) Chloromethane	2.259	50	36073	19.413	ug/l	97
4) Vinyl Chloride	2.405	62	50581	20.710	ug/l	95
5) Bromomethane	2.826	94	35400	18.557	ug/l	98
6) Chloroethane	2.972	64	32192	19.404	ug/l	97
7) Trichlorofluoromethane	3.301	101	36813	16.597	ug/l	94
8) Diethyl Ether	3.722	74	35786	21.232	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	50449	20.491	ug/l	98
10) Methyl Iodide	4.314	142	73975	19.491	ug/l	99
11) Tert butyl alcohol	5.228	59	19156	95.202	ug/l	97
12) 1,1-Dichloroethene	4.076	96	54559	20.232	ug/l	91
13) Acrolein	3.929	56	28198	77.971	ug/l	99
14) Allyl chloride	4.704	41	86231	20.841	ug/l	97
15) Acrylonitrile	5.411	53	81557	98.400	ug/l	99
16) Acetone	4.167	43	87339	108.797	ug/l	100
17) Carbon Disulfide	4.417	76	139598	19.345	ug/l	98
18) Methyl Acetate	4.710	43	43494	18.957	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	99089	21.649	ug/l	97
20) Methylene Chloride	4.960	84	86229	24.362	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	59156	20.645	ug/l	96
22) Diisopropyl ether	6.338	45	180751	22.399	ug/l	95
23) Vinyl Acetate	6.283	43	597042	108.322	ug/l	98
24) 1,1-Dichloroethane	6.246	63	110704	21.161	ug/l	98
25) 2-Butanone	7.197	43	119126	114.064	ug/l	98
26) 2,2-Dichloropropane	7.185	77	59909	19.627	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	70581	21.429	ug/l	97
28) Bromochloromethane	7.532	49	49683	21.520	ug/l	97
29) Tetrahydrofuran	7.557	42	71773	100.351	ug/l	100
30) Chloroform	7.691	83	116682	20.990	ug/l	96
31) Cyclohexane	7.971	56	97811	21.151	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	85852	20.040	ug/l	99
36) 1,1-Dichloropropene	8.099	75	82416	21.031	ug/l	99
37) Ethyl Acetate	7.276	43	49846	20.164	ug/l	98
38) Carbon Tetrachloride	8.081	117	78551	19.671	ug/l	97
39) Methylcyclohexane	9.343	83	100339	20.580	ug/l	97
40) Benzene	8.337	78	245359	21.163	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	26501	20.012	ug/l	93
42) 1,2-Dichloroethane	8.410	62	83386	21.286	ug/l	99
43) Isopropyl Acetate	8.435	43	89552	21.016	ug/l	99
44) Trichloroethene	9.105	130	56412	19.495	ug/l	91
45) 1,2-Dichloropropane	9.374	63	59237	21.140	ug/l	95
46) Dibromomethane	9.465	93	37600	20.784	ug/l	97
47) Bromodichloromethane	9.648	83	88183	20.787	ug/l	95
48) Methyl methacrylate	9.441	41	41670	19.888	ug/l	97
49) 1,4-Dioxane	9.465	88	7065	333.450	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	256230	104.592	ug/l	100
52) Toluene	10.392	92	153896	20.732	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	82051	20.615	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	95884	21.250	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	50955	21.503	ug/l	98
56) Ethyl methacrylate	10.648	69	69105	21.495	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89275	21.458	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	188338	106.389	ug/l	97
59) 2-Hexanone	10.971	43	184311	111.025	ug/l	99
60) Dibromochloromethane	11.129	129	57910	20.436	ug/l	99
61) 1,2-Dibromoethane	11.239	107	48539	20.461	ug/l	98
64) Tetrachloroethene	10.861	164	45851	19.175	ug/l	84
65) Chlorobenzene	11.654	112	170652	21.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	53380	20.769	ug/l	96
67) Ethyl Benzene	11.727	91	297893	21.300	ug/l	95
68) m/p-Xylenes	11.837	106	224986	41.847	ug/l	99
69) o-Xylene	12.166	106	104943	21.082	ug/l	98
70) Styrene	12.178	104	184086	21.391	ug/l	99
71) Bromoform	12.349	173	29851	19.469	ug/l #	99
73) Isopropylbenzene	12.464	105	279027	21.126	ug/l	99
74) N-amyl acetate	12.269	43	79743	22.400	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	62348	21.263	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	80433	35.846	ug/l #	1
77) Bromobenzene	12.745	156	60742	20.620	ug/l	94
78) n-propylbenzene	12.800	91	344945	21.810	ug/l	97
79) 2-Chlorotoluene	12.885	91	205314	21.558	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	235670	21.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	19026	19.749	ug/l	88
82) 4-Chlorotoluene	12.983	91	214521	21.454	ug/l	99
83) tert-Butylbenzene	13.202	119	198401	21.186	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	240630	21.723	ug/l	100
85) sec-Butylbenzene	13.379	105	301636	21.459	ug/l	100
86) p-Isopropyltoluene	13.495	119	250318	21.608	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	129646	21.946	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	124248	20.548	ug/l	95
89) n-Butylbenzene	13.818	91	238633	21.201	ug/l	99
90) Hexachloroethane	14.086	117	42207	20.195	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	112201	20.780	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11405	19.920	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	66095	19.848	ug/l	97
94) Hexachlorobutadiene	15.226	225	29695	18.467	ug/l	96
95) Naphthalene	15.360	128	167135	20.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	59518	19.452	ug/l	93

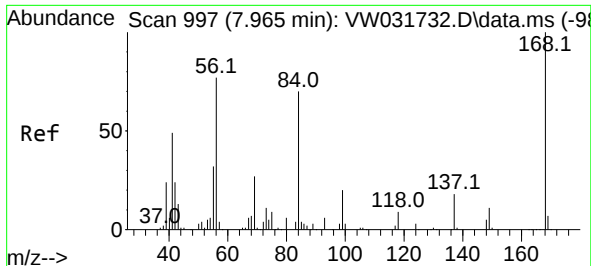
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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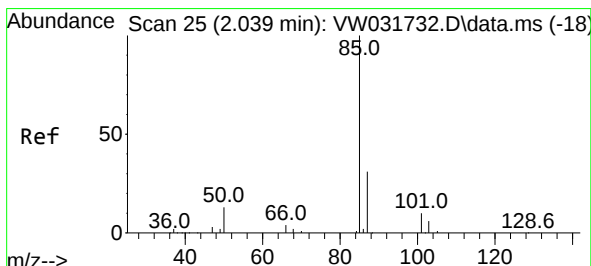
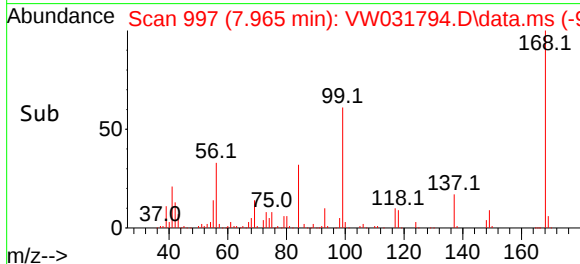
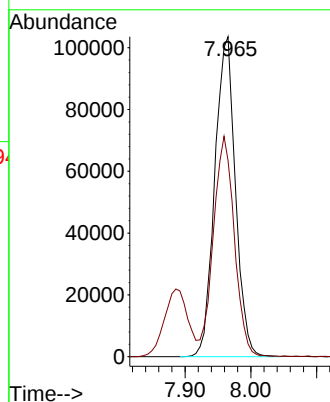
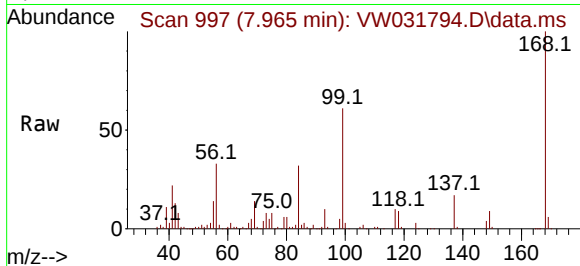
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

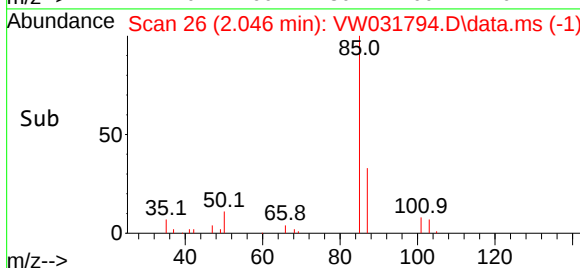
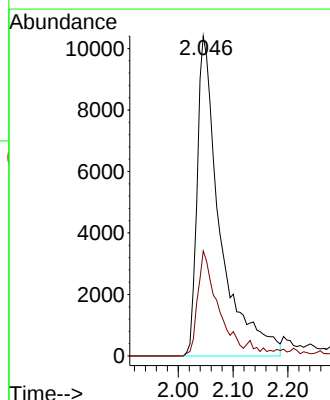
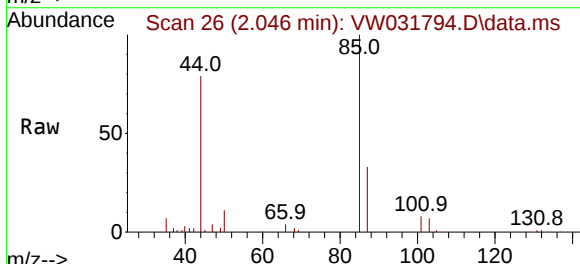
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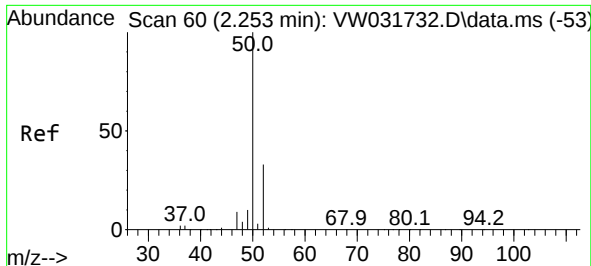
Tgt Ion:168 Resp: 226314
Ion Ratio Lower Upper
168 100
99 61.2 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 19.580 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 85 Resp: 30178
Ion Ratio Lower Upper
85 100
87 32.8 15.4 46.2

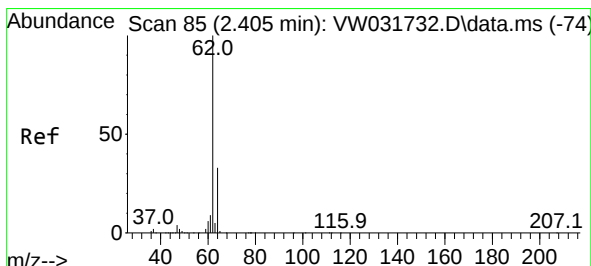
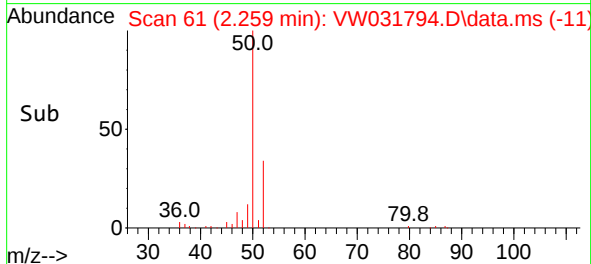
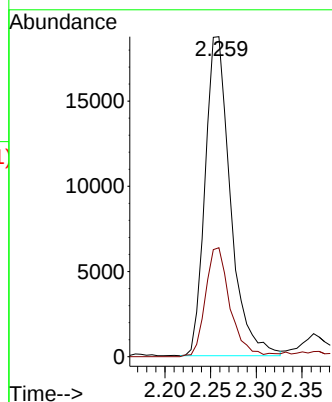
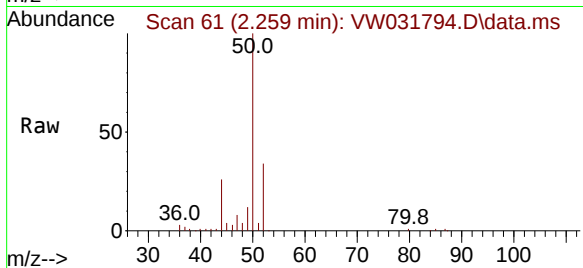




#3
Chloromethane
Concen: 19.413 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

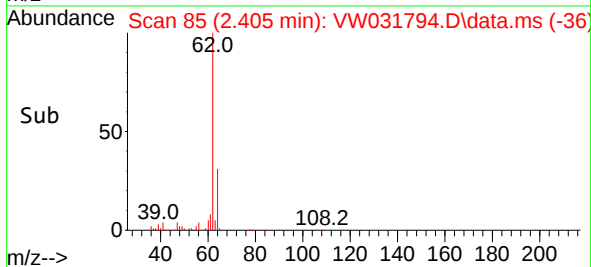
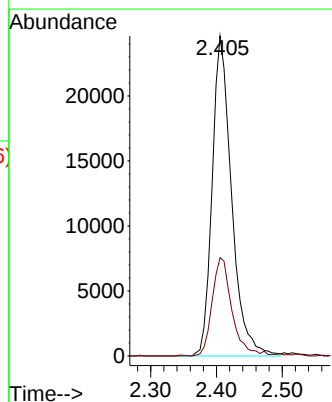
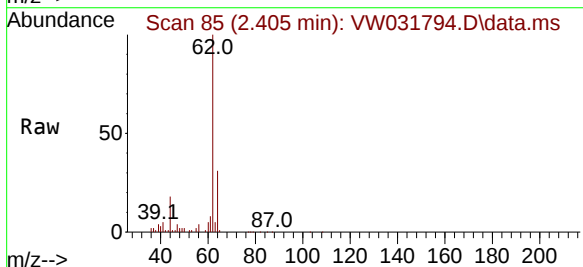
Instrument :
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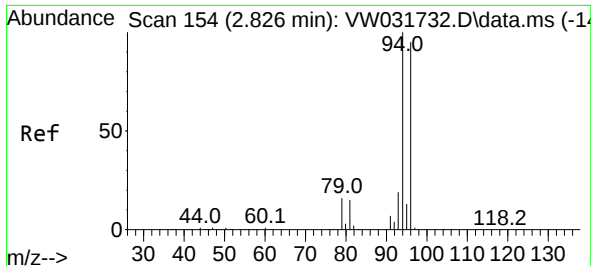
Tgt Ion: 50 Resp: 36073
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2



#4
Vinyl Chloride
Concen: 20.710 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 62 Resp: 50581
Ion Ratio Lower Upper
62 100
64 30.4 26.8 40.2

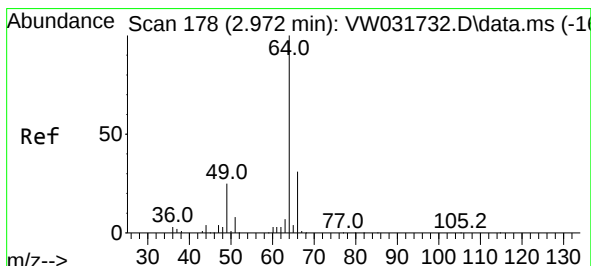
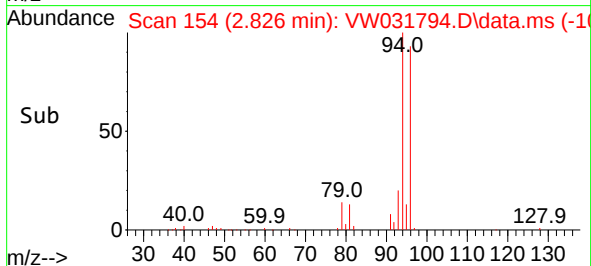
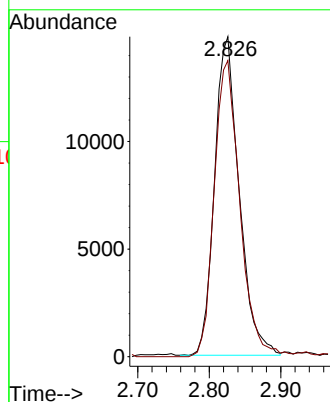
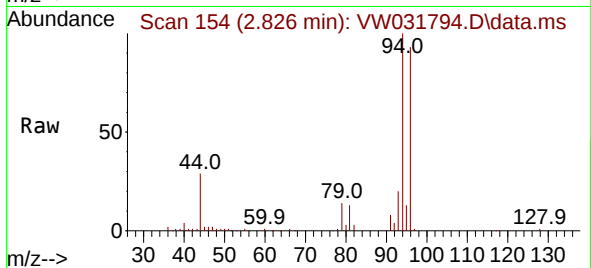




#5
Bromomethane
Concen: 18.557 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

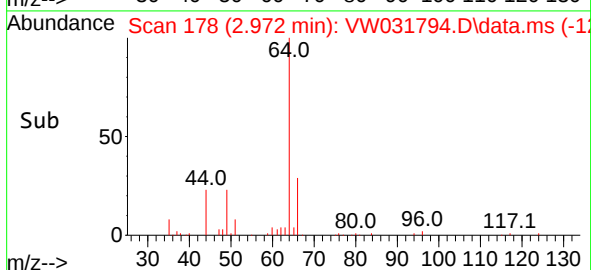
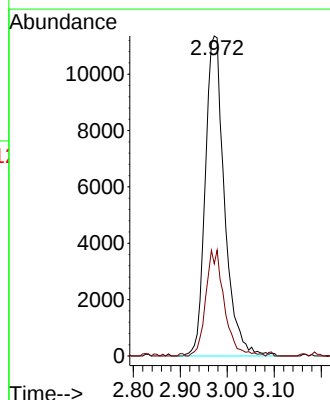
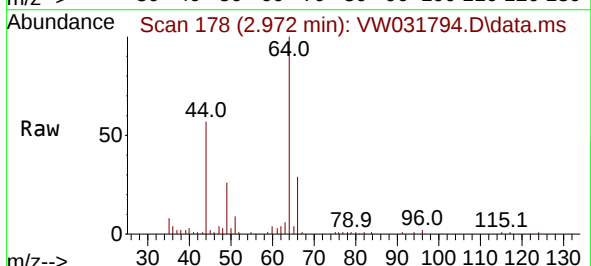
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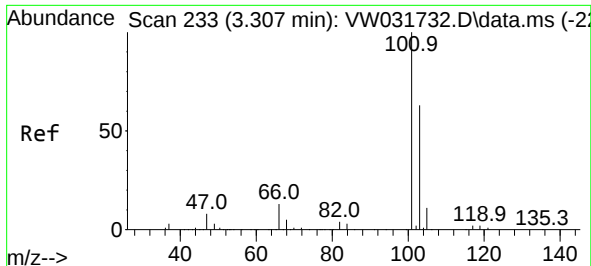
Tgt Ion: 94 Resp: 35400
Ion Ratio Lower Upper
94 100
96 93.0 75.6 113.4



#6
Chloroethane
Concen: 19.404 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 64 Resp: 32192
Ion Ratio Lower Upper
64 100
66 28.8 24.5 36.7

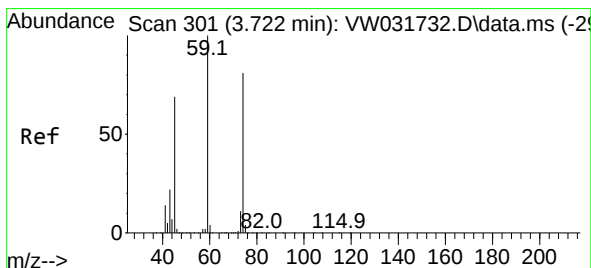
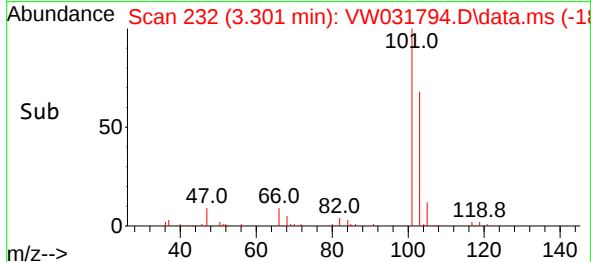
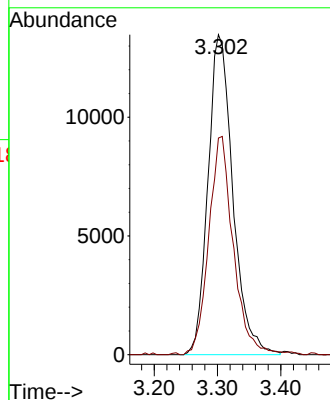
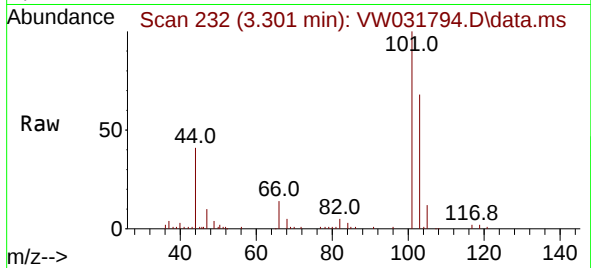




#7
 Trichlorofluoromethane
 Concen: 16.597 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

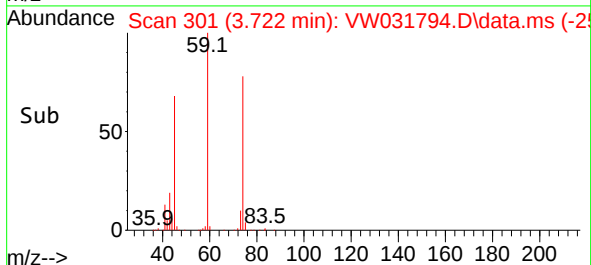
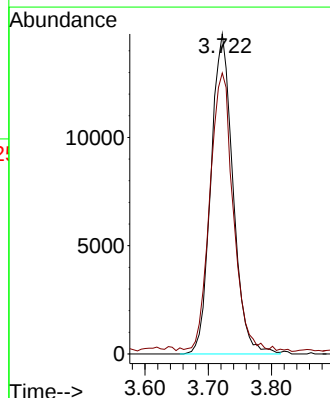
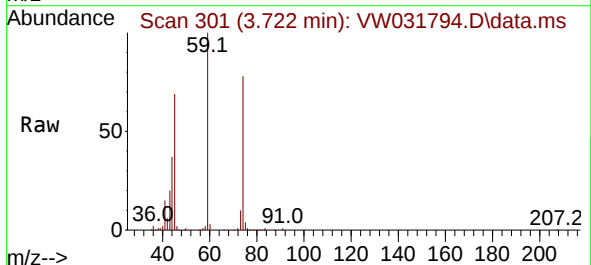
Instrument :
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 ClientSampleId :
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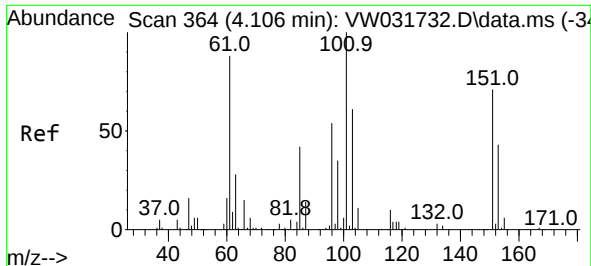
Tgt Ion:101 Resp: 36813
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.2 75.4



#8
 Diethyl Ether
 Concen: 21.232 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

Tgt Ion: 74 Resp: 35786
 Ion Ratio Lower Upper
 74 100
 45 89.9 43.9 131.7

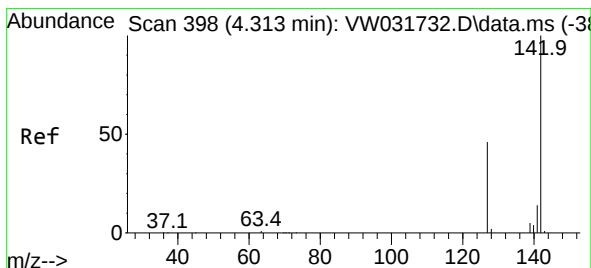
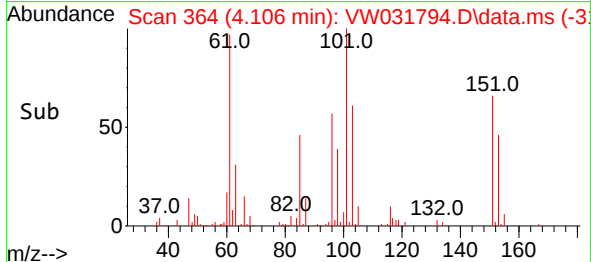
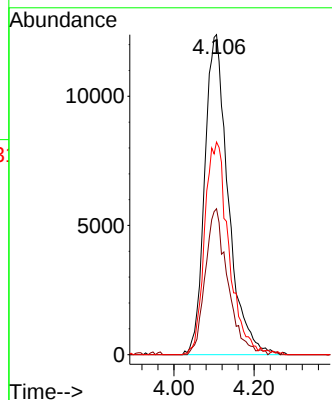
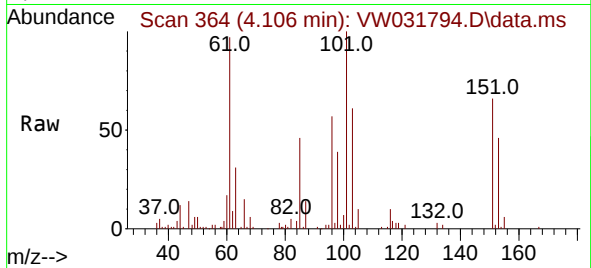




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.491 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW031794.D
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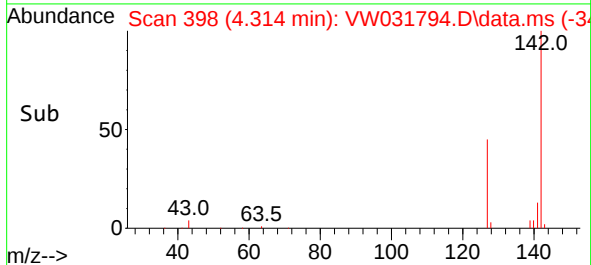
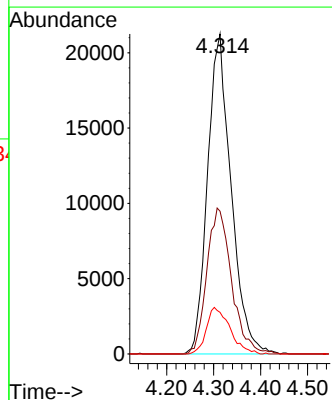
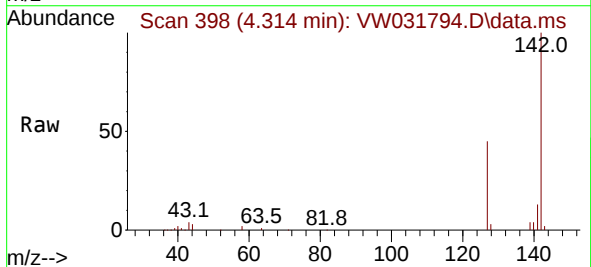
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

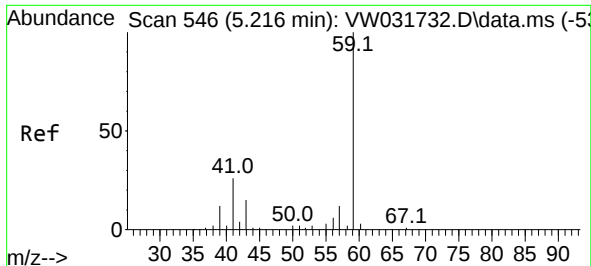
Tgt Ion:101 Resp: 50449
Ion Ratio Lower Upper
101 100
85 43.6 35.6 53.4
151 68.8 56.8 85.2



#10
Methyl Iodide
Concen: 19.491 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion:142 Resp: 73975
Ion Ratio Lower Upper
142 100
127 47.9 37.9 56.9
141 14.5 11.7 17.5

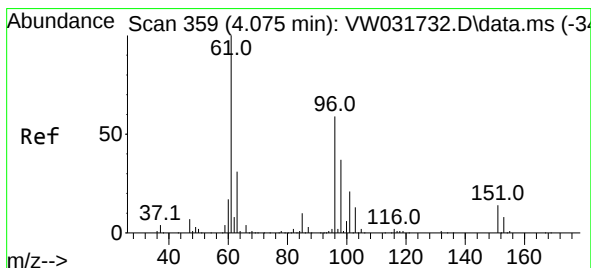
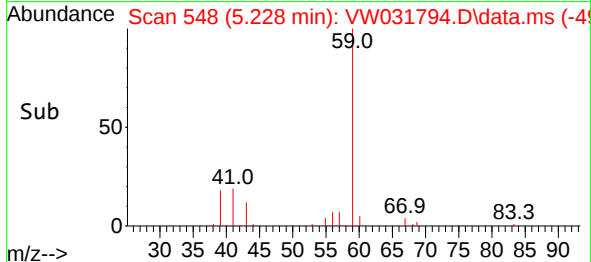
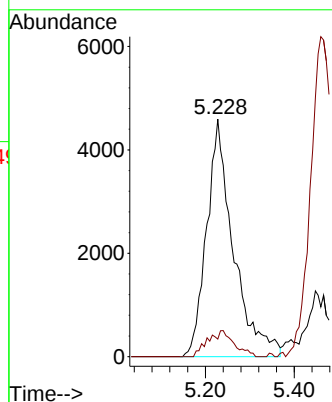
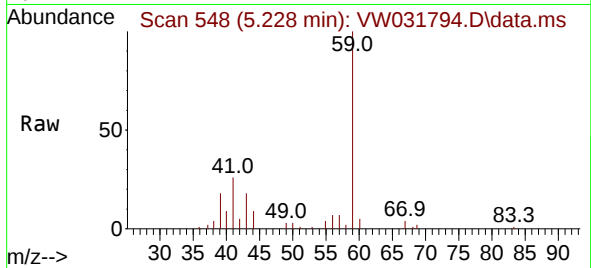




#11
Tert butyl alcohol
Concen: 95.202 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

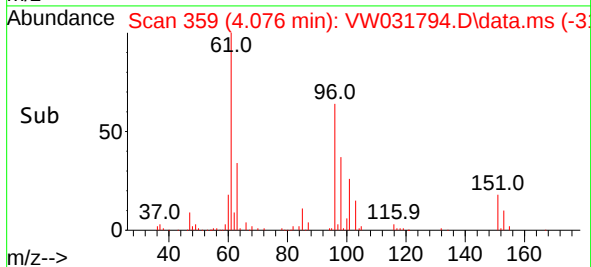
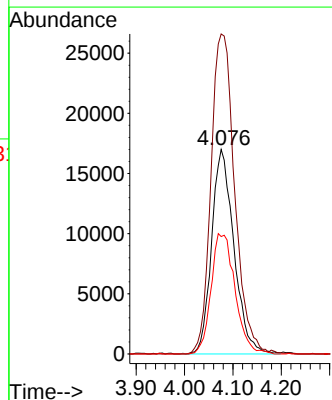
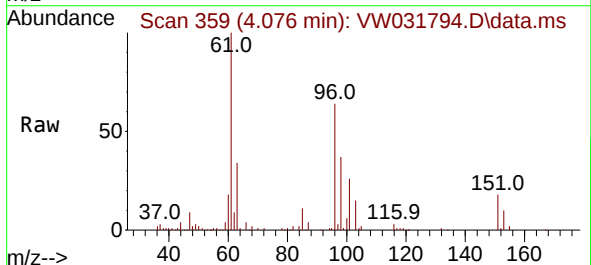
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

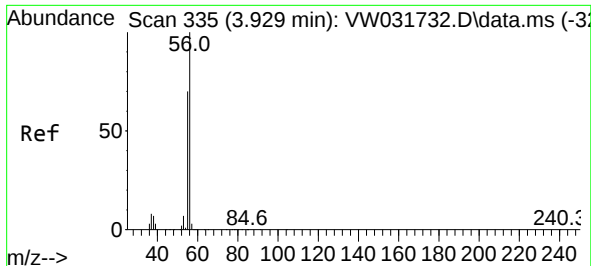
Tgt Ion: 59 Resp: 19156
Ion Ratio Lower Upper
59 100
57 10.8 9.5 14.3



#12
1,1-Dichloroethene
Concen: 20.232 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 96 Resp: 54559
Ion Ratio Lower Upper
96 100
61 156.5 135.8 203.8
98 57.4 50.4 75.6

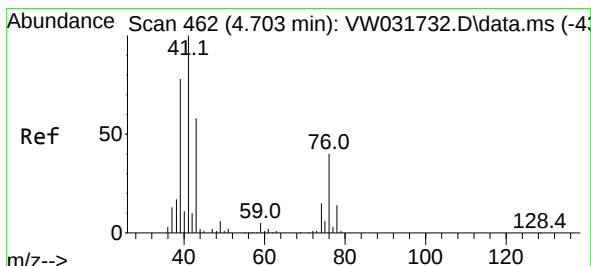
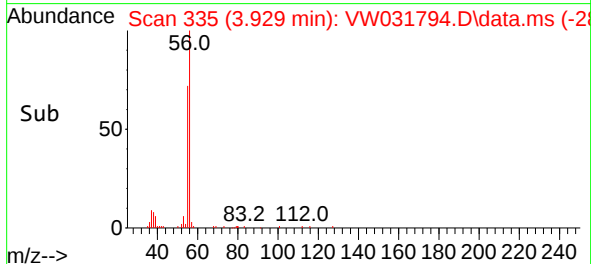
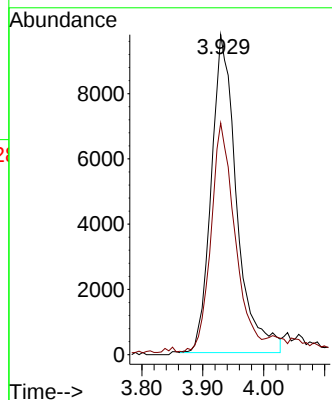
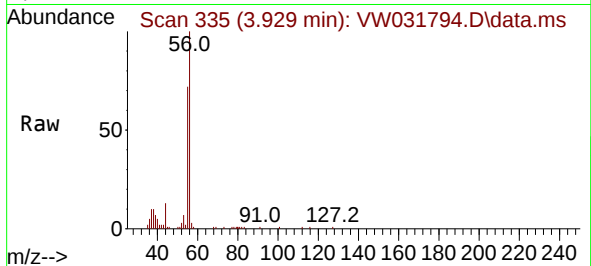




#13
Acrolein
Concen: 77.971 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

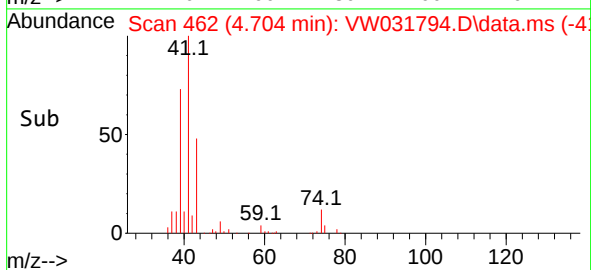
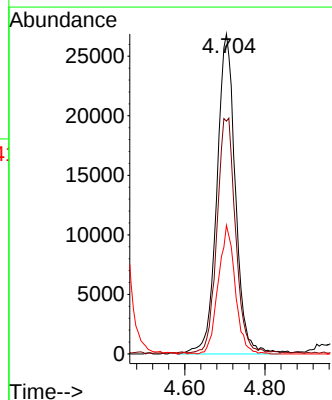
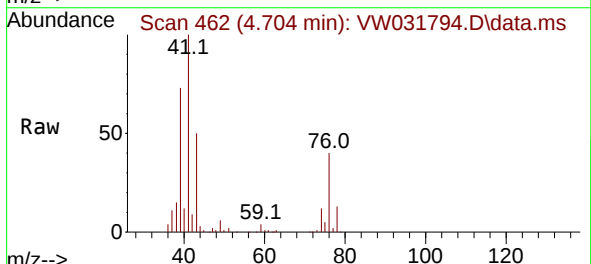
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tgt Ion: 56 Resp: 28198
Ion Ratio Lower Upper
56 100
55 68.0 54.0 81.0



#14
Allyl chloride
Concen: 20.841 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 41 Resp: 86231
Ion Ratio Lower Upper
41 100
39 72.8 60.7 91.1
76 36.7 30.3 45.5

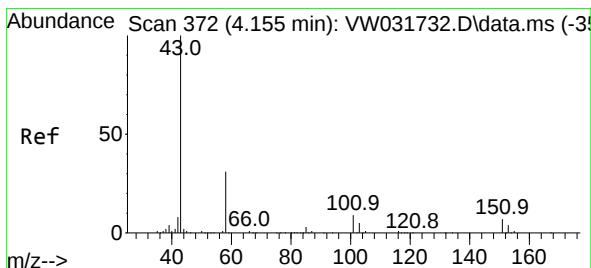
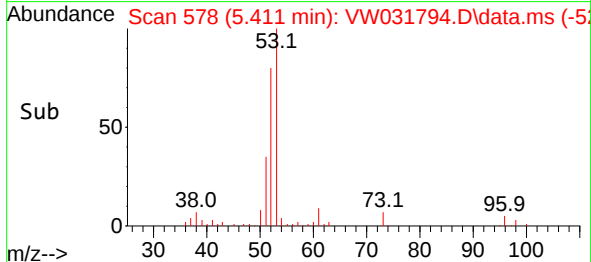
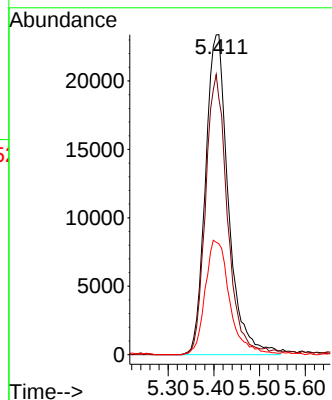
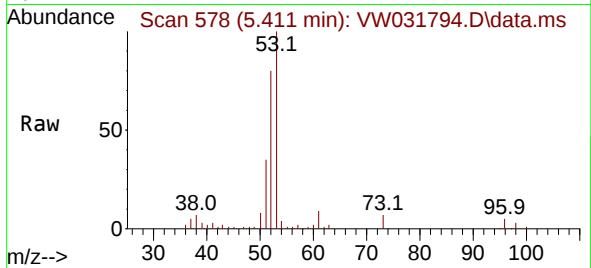




#15
Acrylonitrile
Concen: 98.400 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

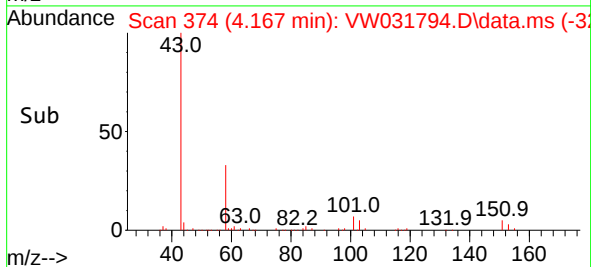
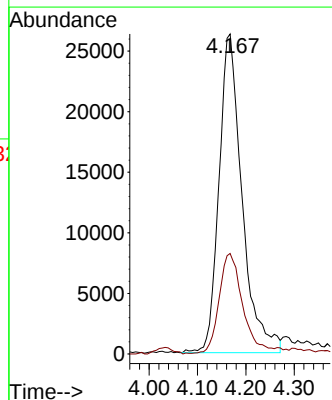
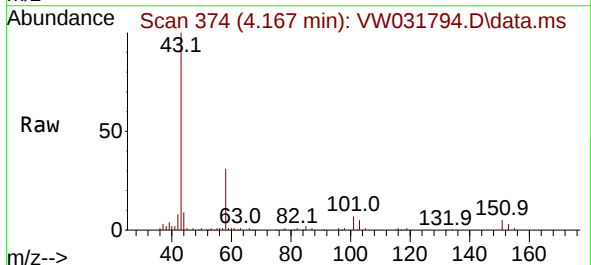
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

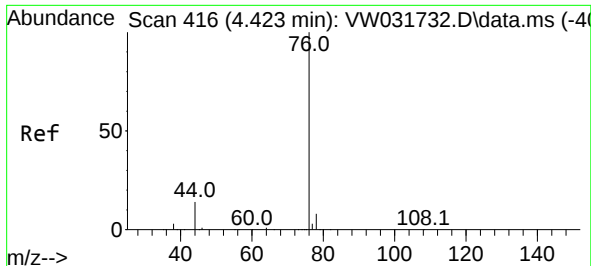
Tgt Ion: 53 Resp: 81557
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 38.1 29.9 44.9



#16
Acetone
Concen: 108.797 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 43 Resp: 87339
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2

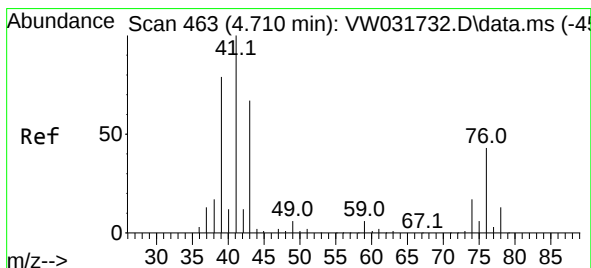
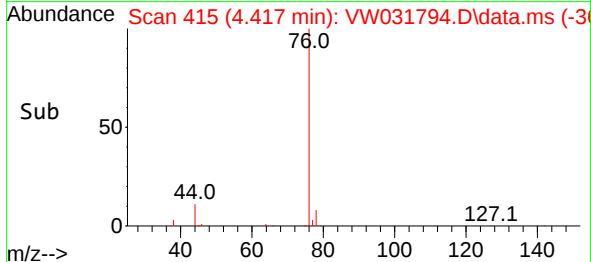
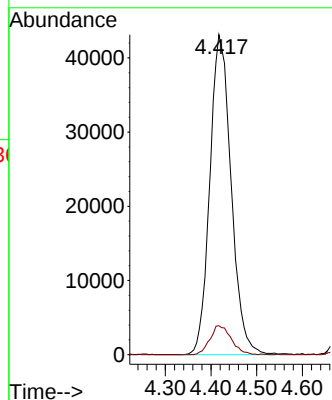
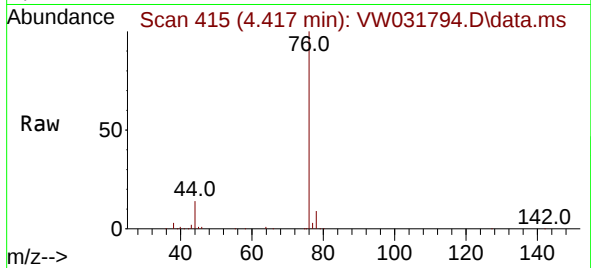




#17
Carbon Disulfide
Concen: 19.345 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

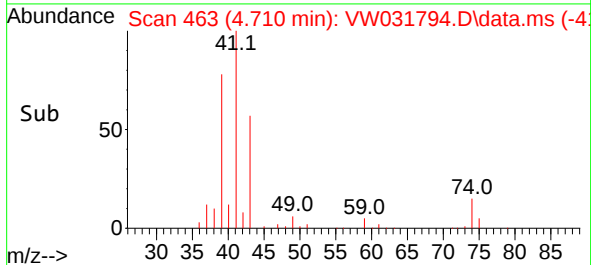
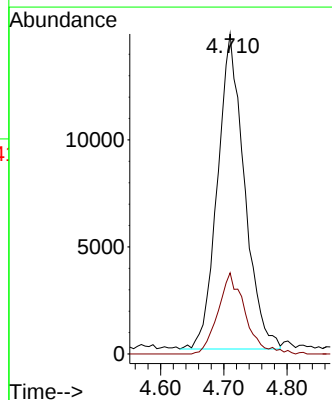
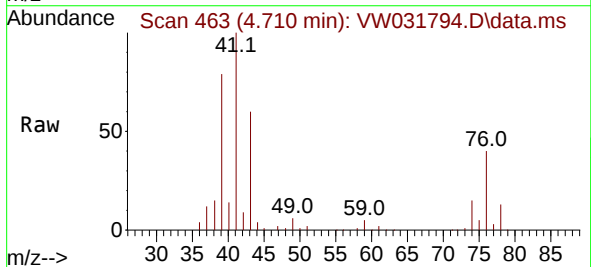
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tgt Ion: 76 Resp: 139598
Ion Ratio Lower Upper
76 100
78 9.0 6.6 10.0



#18
Methyl Acetate
Concen: 18.957 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 43 Resp: 43494
Ion Ratio Lower Upper
43 100
74 25.9 20.6 30.8

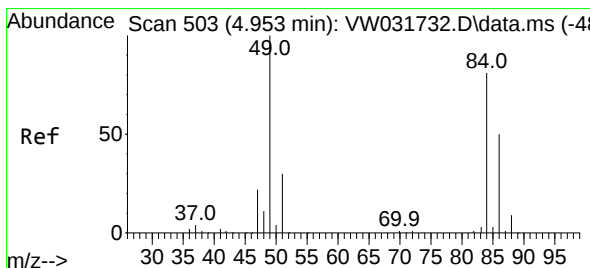
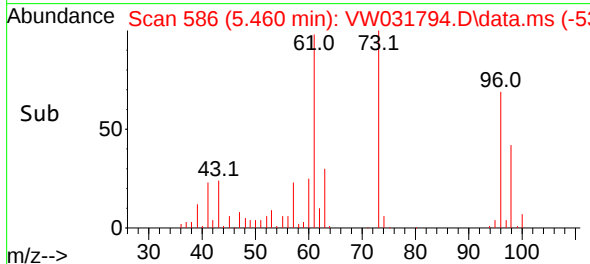
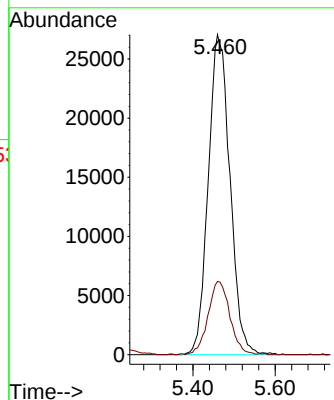
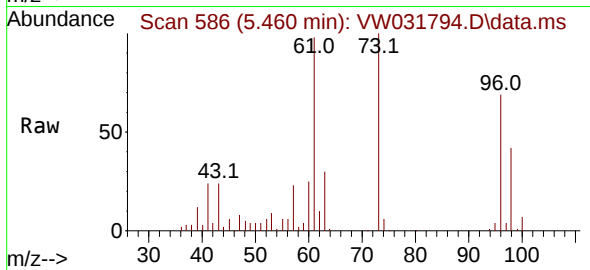




#19
Methyl tert-butyl Ether
Concen: 21.649 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

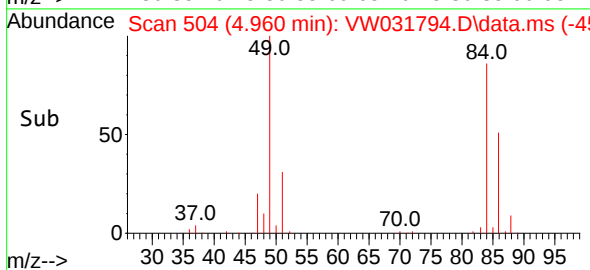
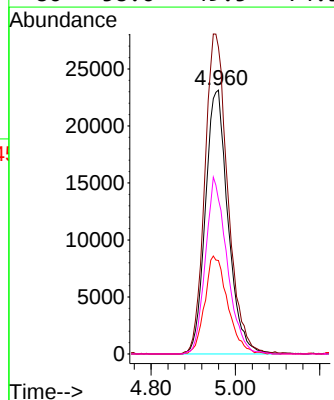
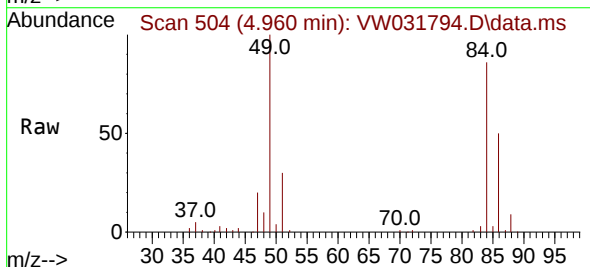
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

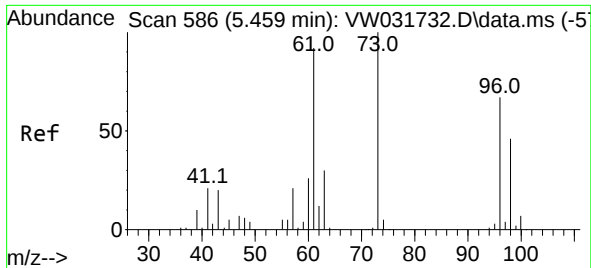
Tgt Ion: 73 Resp: 99089
Ion Ratio Lower Upper
73 100
57 22.9 17.2 25.8



#20
Methylene Chloride
Concen: 24.362 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 84 Resp: 86229
Ion Ratio Lower Upper
84 100
49 116.2 98.2 147.4
51 35.4 29.8 44.8
86 58.6 49.5 74.3

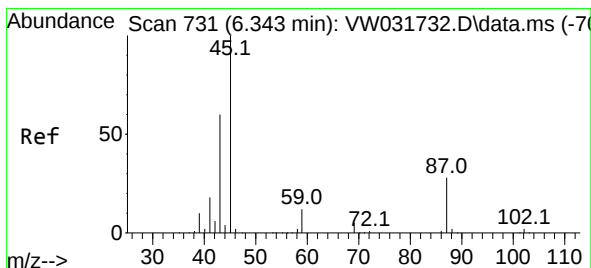
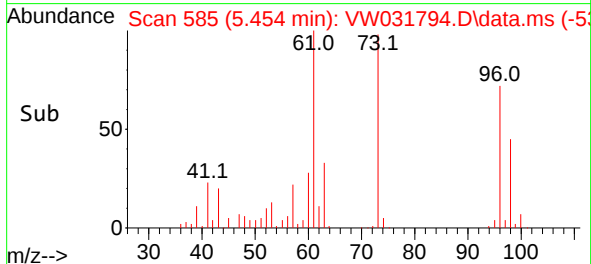
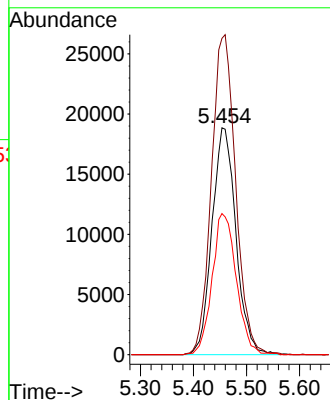
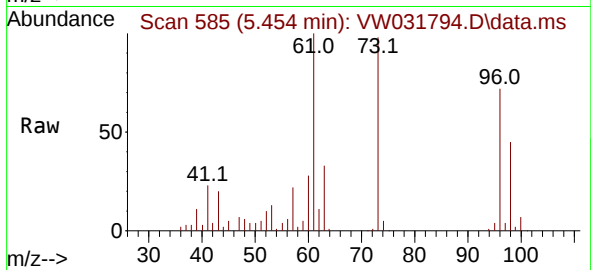




#21
trans-1,2-Dichloroethene
Concen: 20.645 ug/l
RT: 5.454 min Scan# 585
Delta R.T. -0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

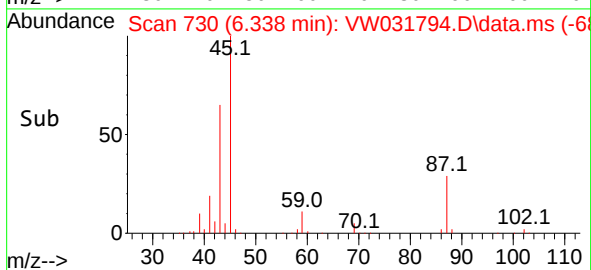
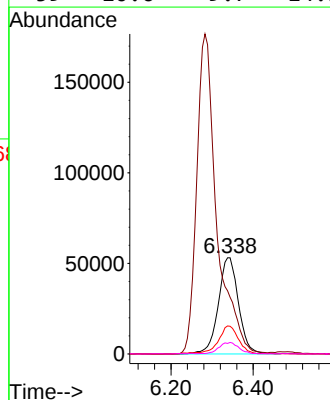
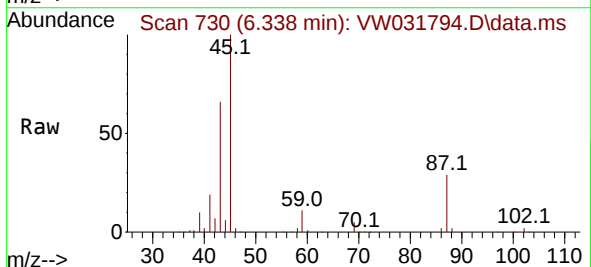
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

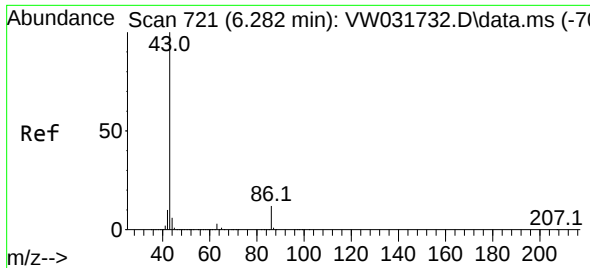
Tgt Ion: 96 Resp: 59156
Ion Ratio Lower Upper
96 100
61 139.5 109.8 164.6
98 62.2 54.9 82.3



#22
Diisopropyl ether
Concen: 22.399 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 45 Resp: 180751
Ion Ratio Lower Upper
45 100
43 65.3 48.3 72.5
87 28.8 22.6 34.0
59 10.6 9.7 14.5

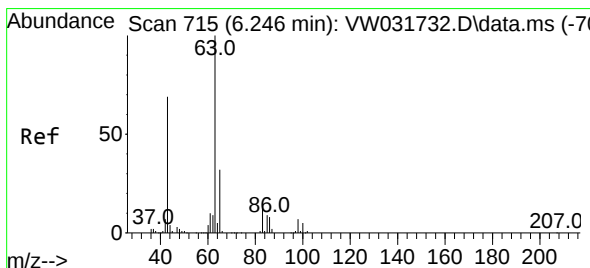
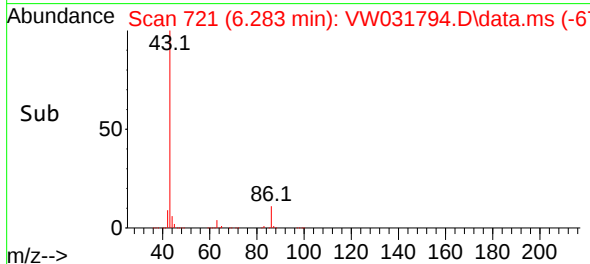
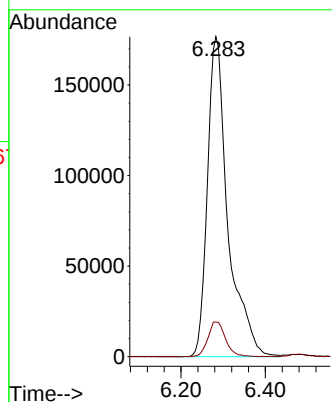
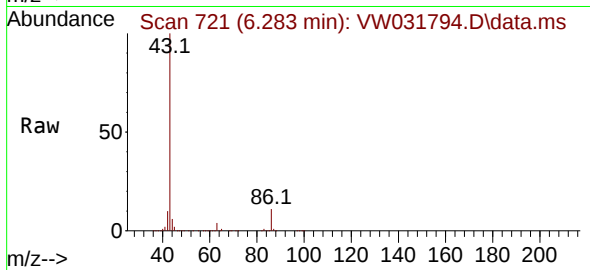




#23
 Vinyl Acetate
 Concen: 108.322 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

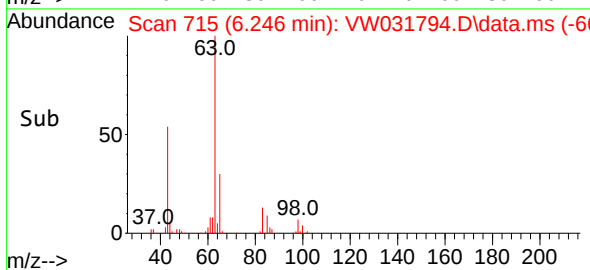
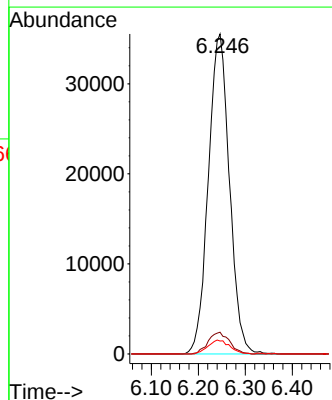
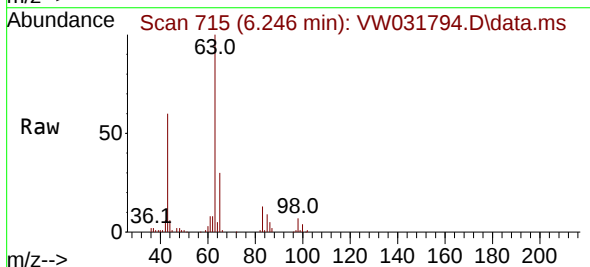
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

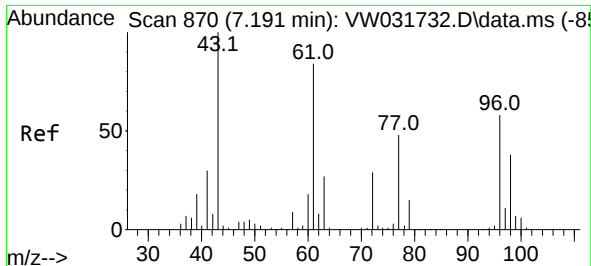
Tgt Ion: 43 Resp: 597042
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 21.161 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

Tgt Ion: 63 Resp: 110704
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.1 2.5 7.5

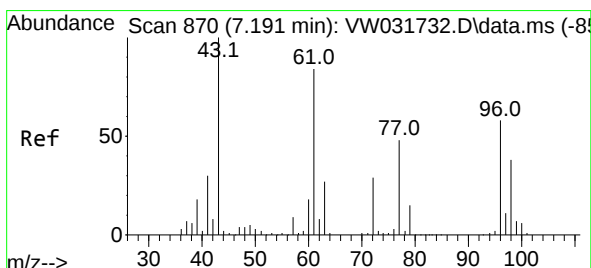
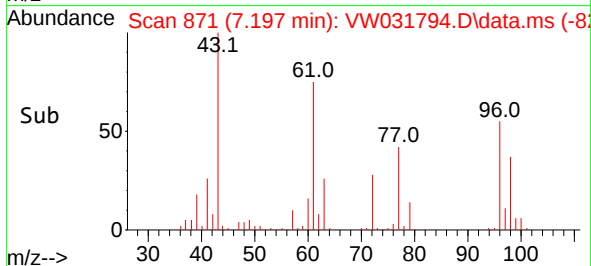
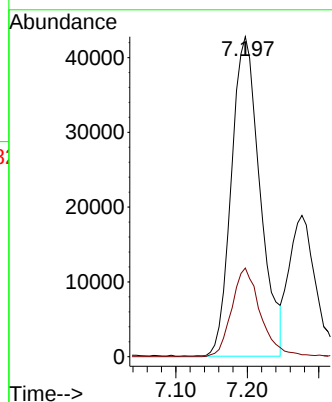
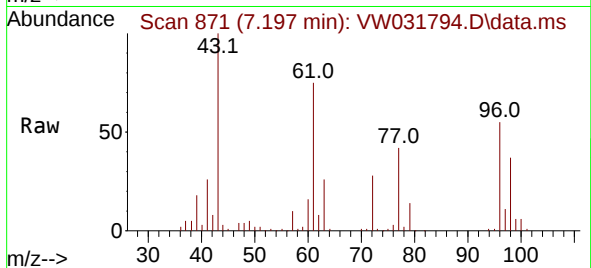




#25
2-Butanone
Concen: 114.064 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

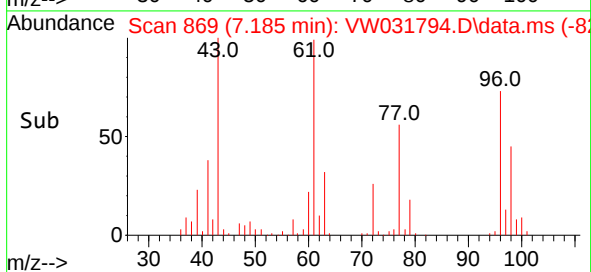
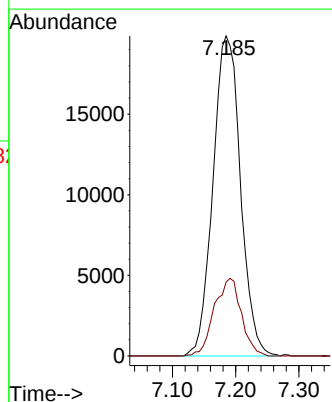
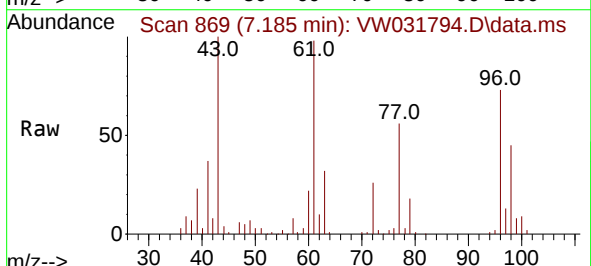
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tgt Ion: 43 Resp: 119126
Ion Ratio Lower Upper
43 100
72 27.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 19.627 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 77 Resp: 59909
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 21.429 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

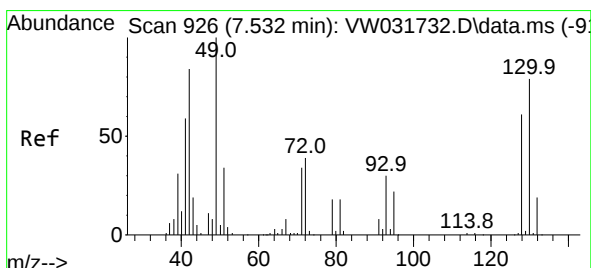
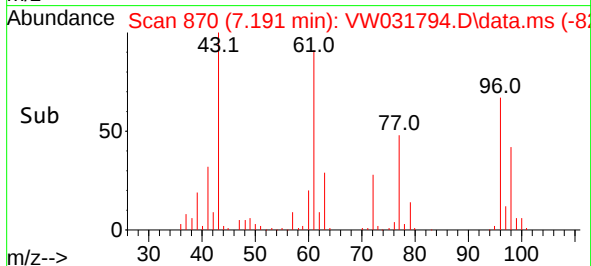
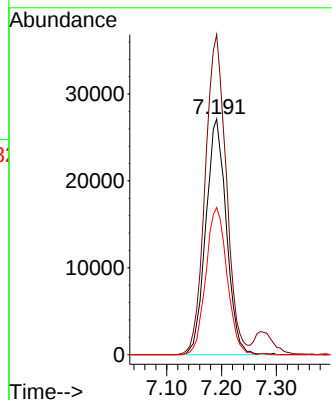
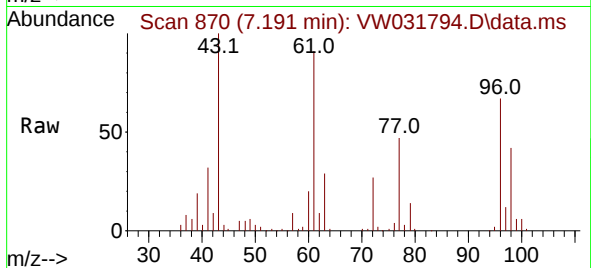
Tgt Ion: 96 Resp: 70581

Ion Ratio Lower Upper

96 100

61 139.3 0.0 286.8

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.520 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

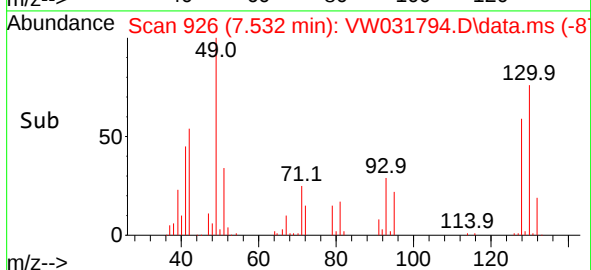
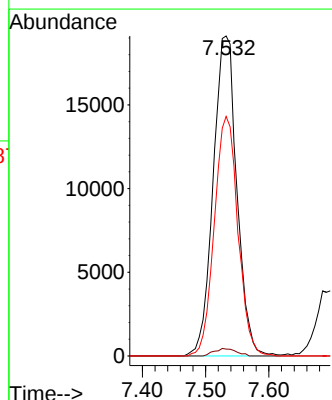
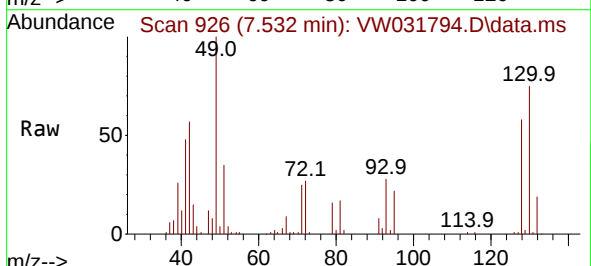
Tgt Ion: 49 Resp: 49683

Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.4

130 74.4 61.3 91.9

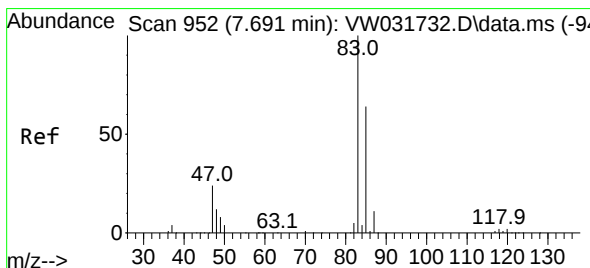
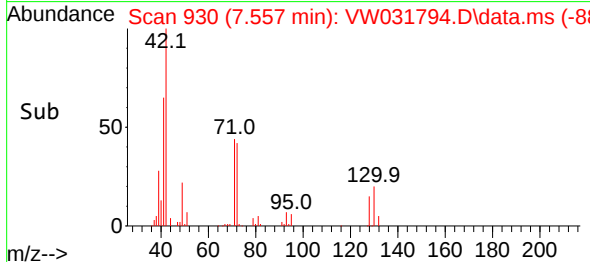
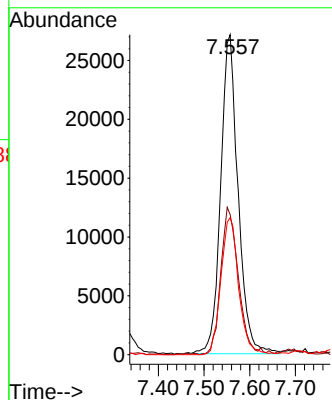
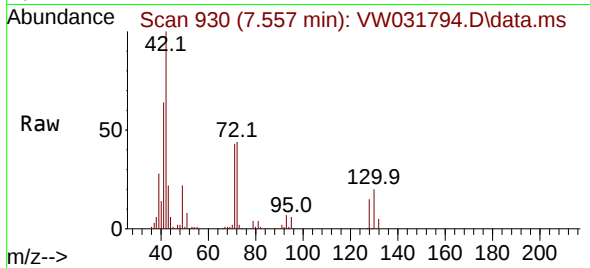




#29
Tetrahydrofuran
Concen: 100.351 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

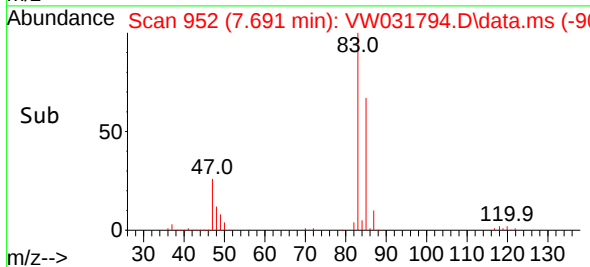
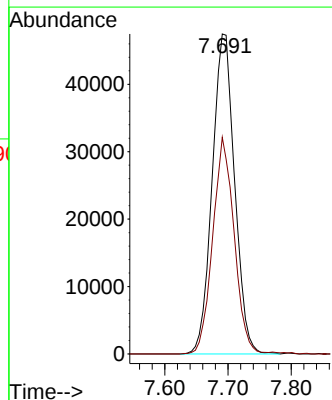
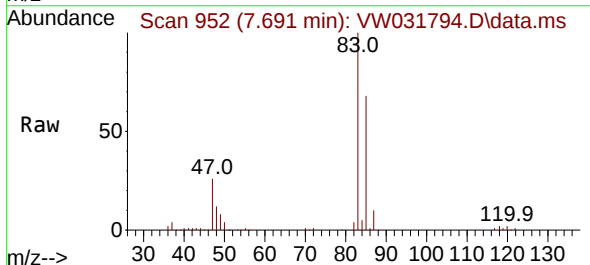
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

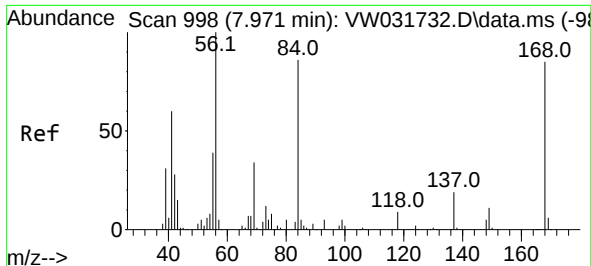
Tgt Ion: 42 Resp: 71773
Ion Ratio Lower Upper
42 100
72 46.1 36.8 55.2
71 43.8 34.6 52.0



#30
Chloroform
Concen: 20.990 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 83 Resp: 116682
Ion Ratio Lower Upper
83 100
85 67.7 51.4 77.0

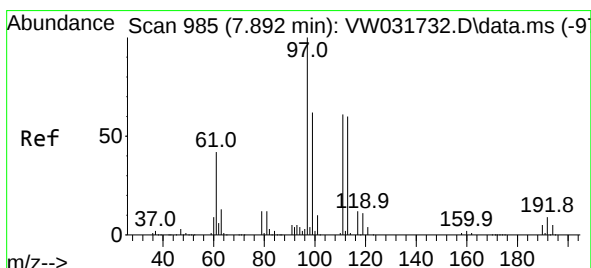
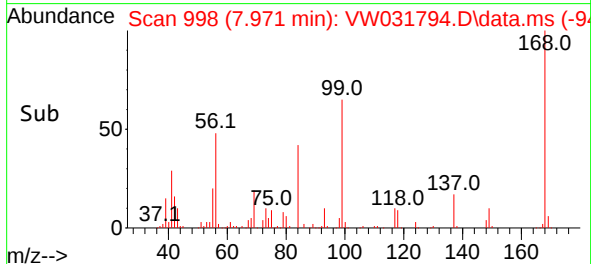
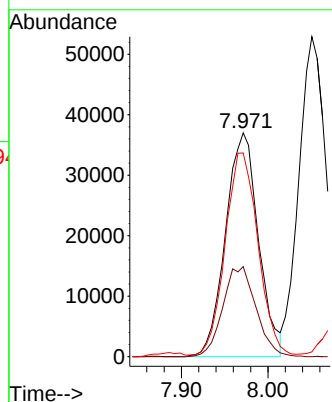
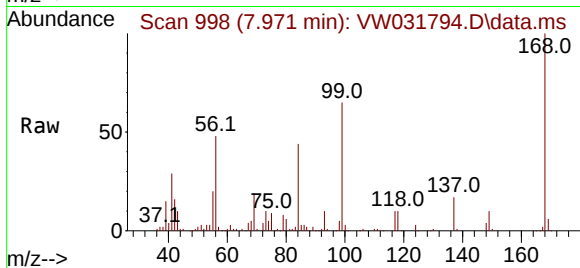




#31
Cyclohexane
Concen: 21.151 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

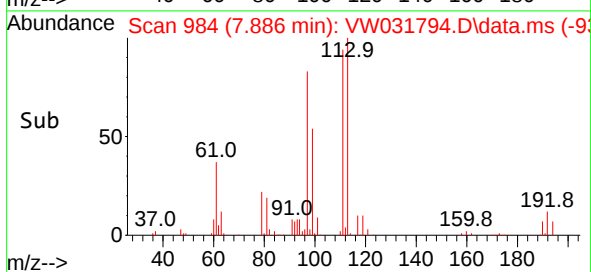
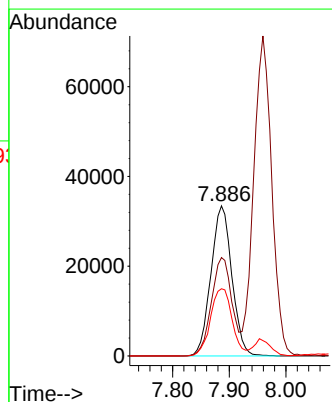
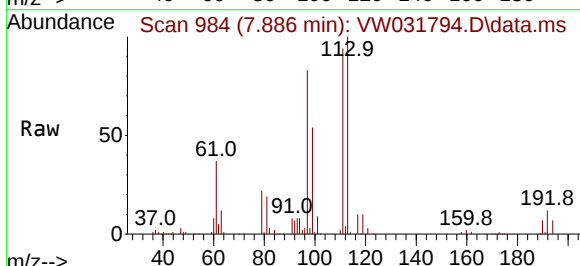
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

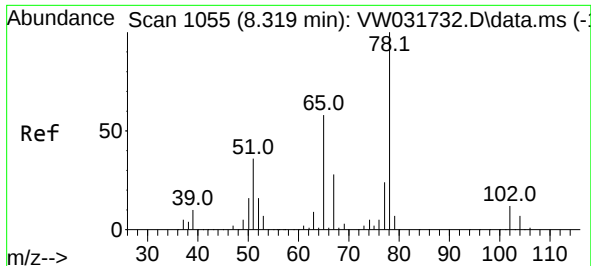
Tgt Ion: 56 Resp: 97811
Ion Ratio Lower Upper
56 100
69 40.2 27.2 40.8
84 89.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.040 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 97 Resp: 85852
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 46.2 36.0 54.0

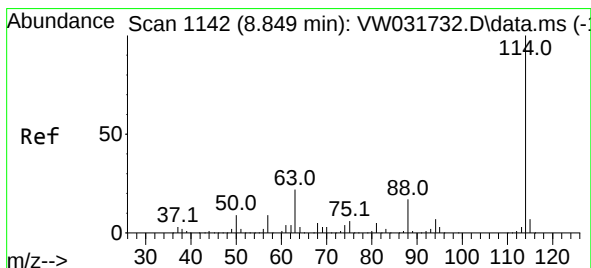
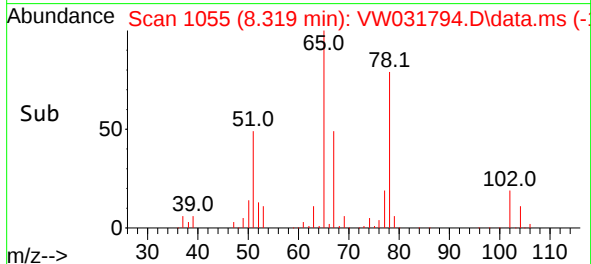
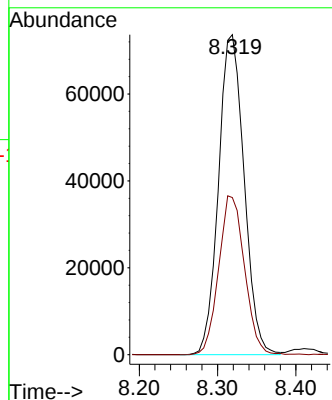
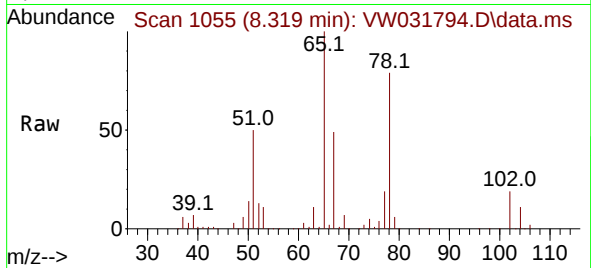




#33
 1,2-Dichloroethane-d4
 Concen: 51.507 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

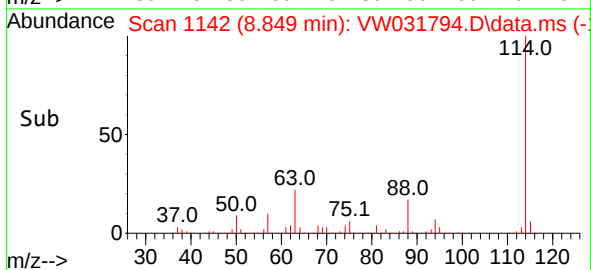
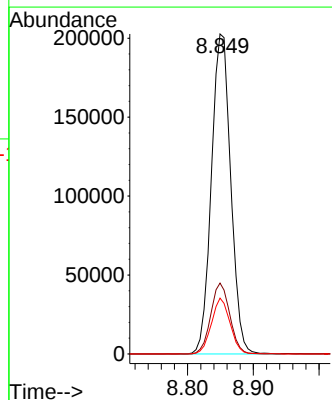
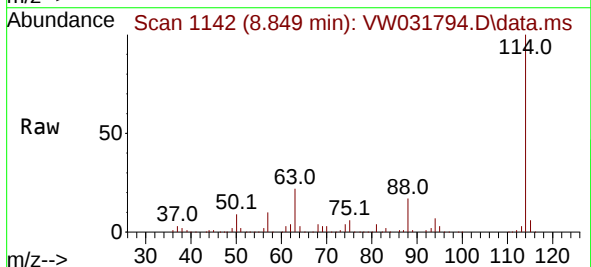
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

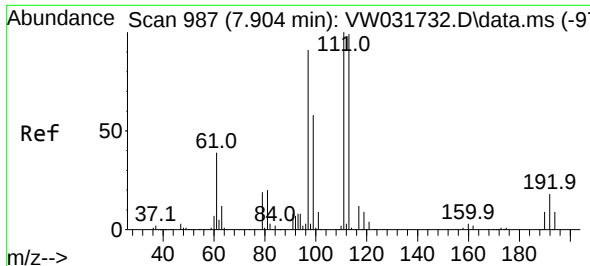
Tgt Ion: 65 Resp: 167289
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

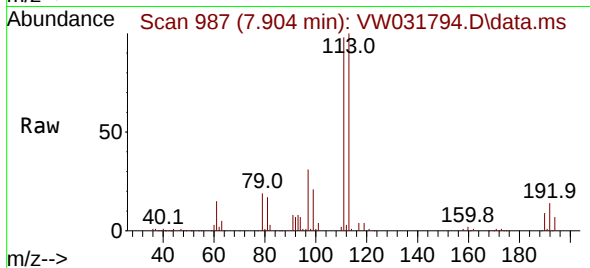
Tgt Ion: 114 Resp: 415001
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.6
 88 17.5 0.0 34.2



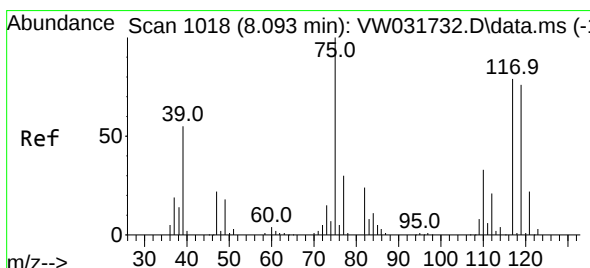
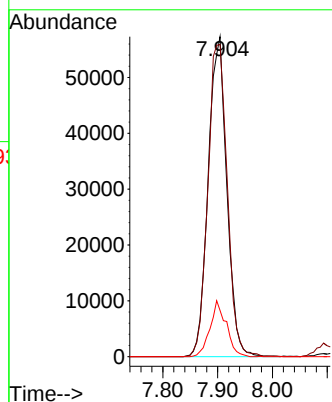
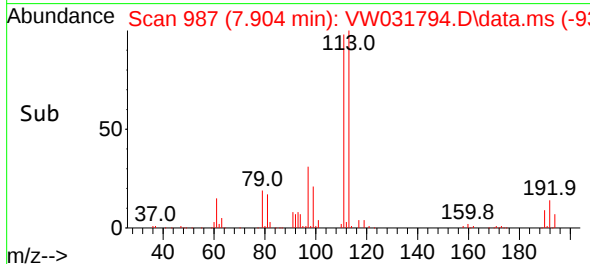


#35
 Dibromofluoromethane
 Concen: 49.906 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

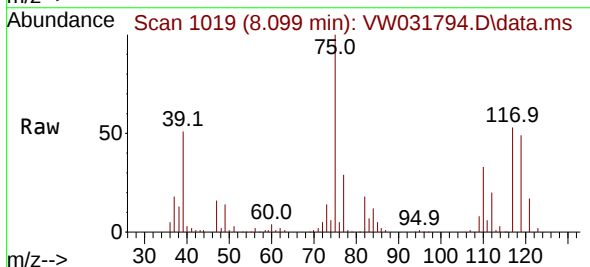
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS01



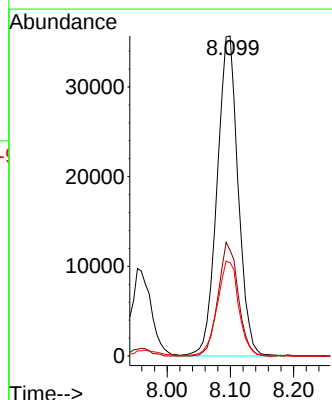
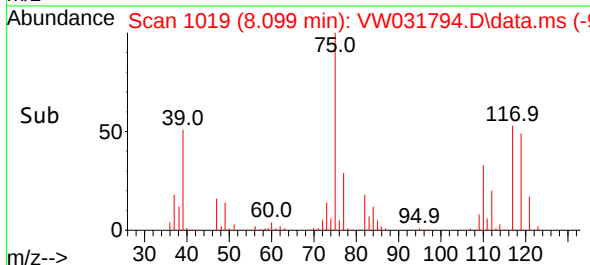
Tgt Ion:113 Resp: 135149
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.1 123.1
 192 15.4 13.8 20.6

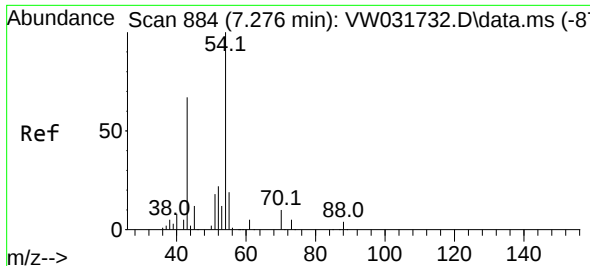


#36
 1,1-Dichloropropene
 Concen: 21.031 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33



Tgt Ion: 75 Resp: 82416
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.8 50.4
 77 30.2 25.0 37.6

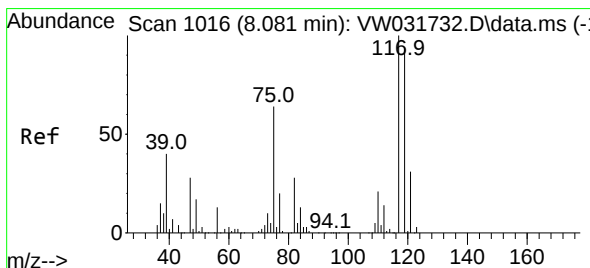
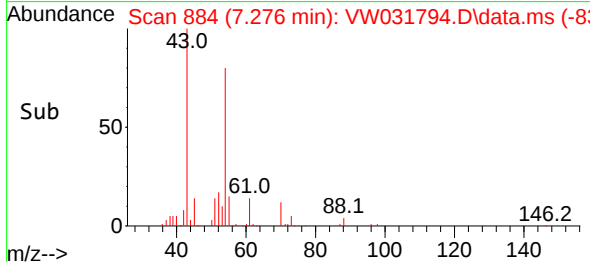
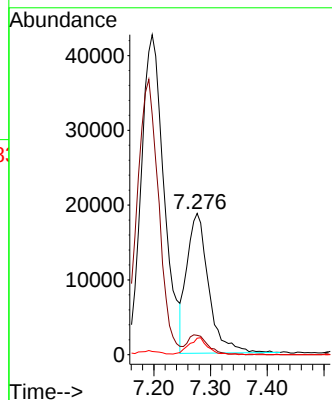
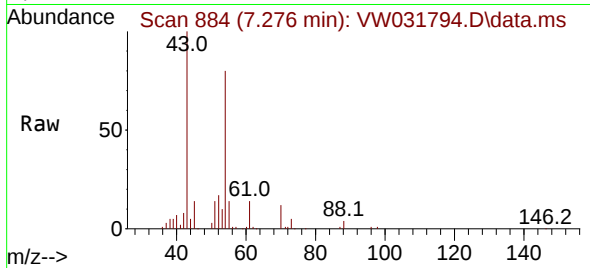




#37
Ethyl Acetate
Concen: 20.164 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

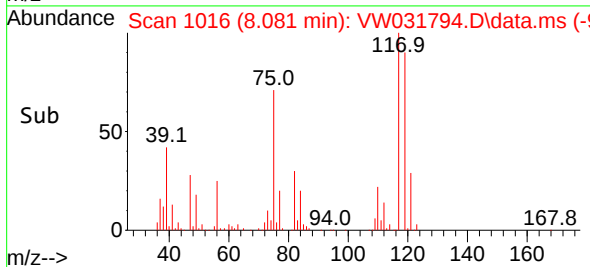
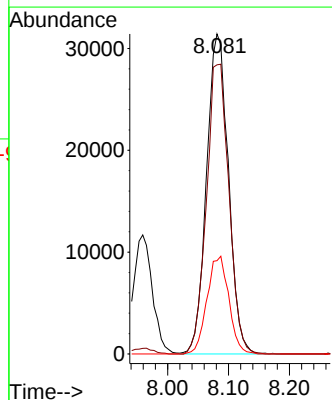
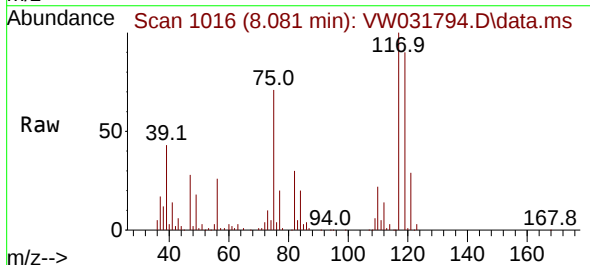
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

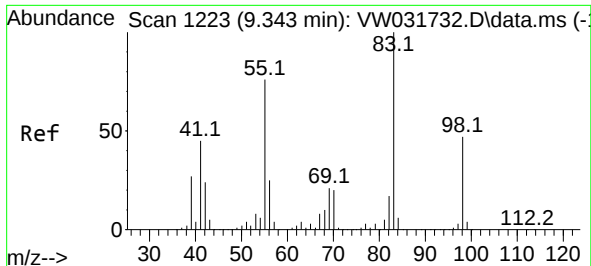
Tgt Ion: 43 Resp: 49846
Ion Ratio Lower Upper
43 100
61 13.0 10.9 16.3
70 10.7 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.671 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 117 Resp: 78551
Ion Ratio Lower Upper
117 100
119 90.4 75.0 112.6
121 29.1 24.6 37.0





#39

Methylcyclohexane

Concen: 20.580 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

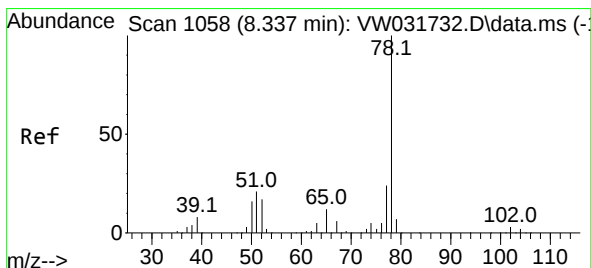
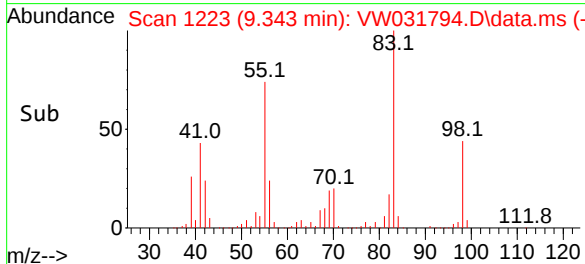
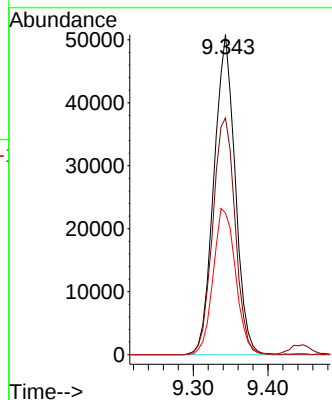
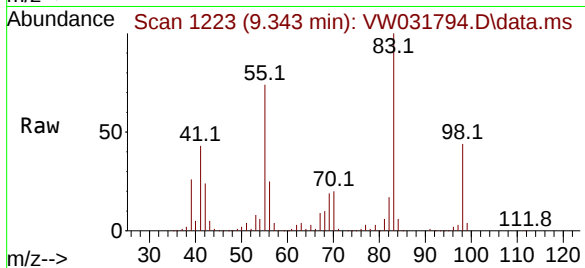
Tgt Ion: 83 Resp: 100339

Ion Ratio Lower Upper

83 100

55 74.0 61.0 91.4

98 44.2 37.9 56.9



#40

Benzene

Concen: 21.163 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031794.D

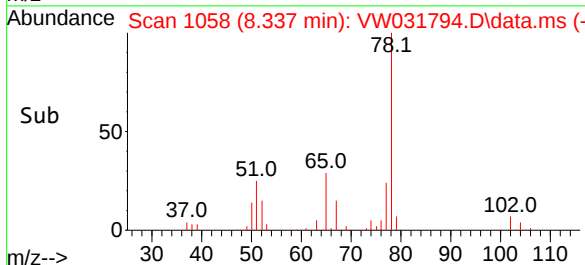
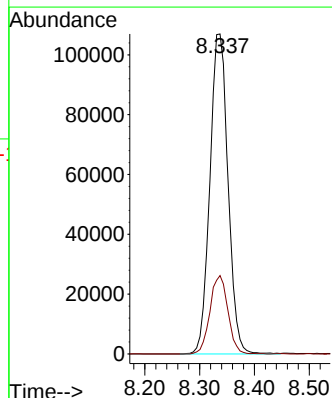
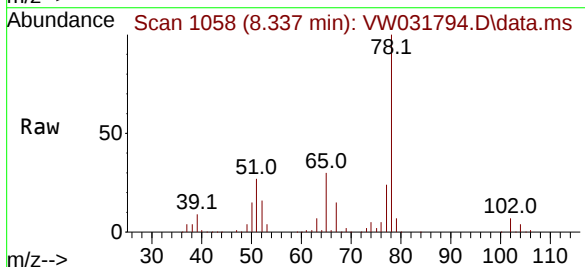
Acq: 10 Jul 2025 11:33

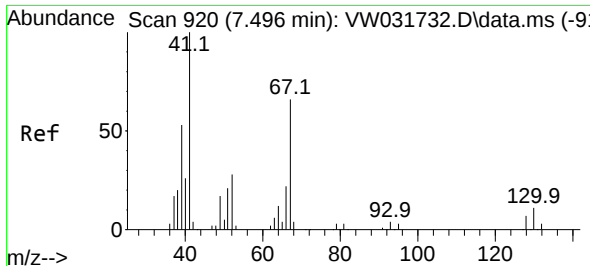
Tgt Ion: 78 Resp: 245359

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8

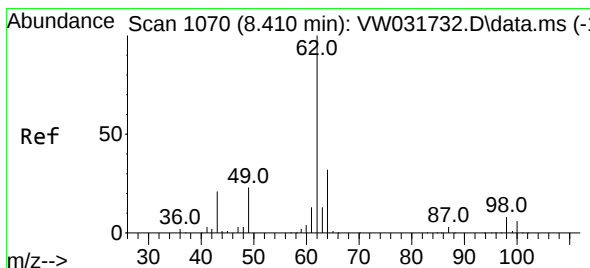
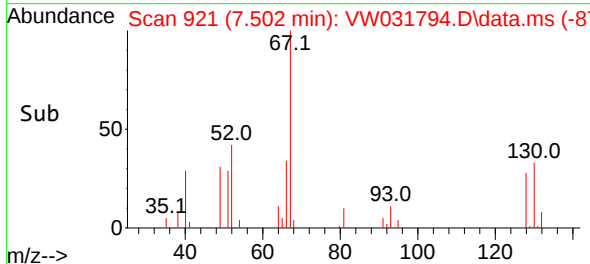
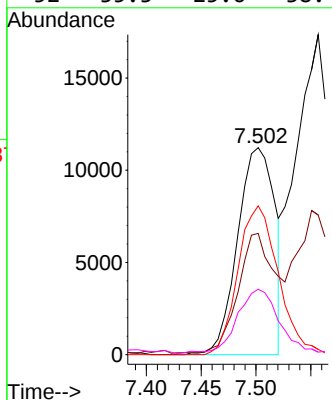
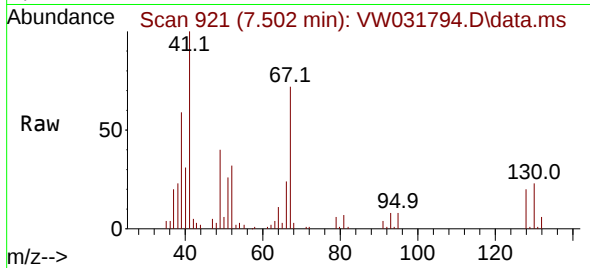




#41
Methacrylonitrile
Concen: 20.012 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

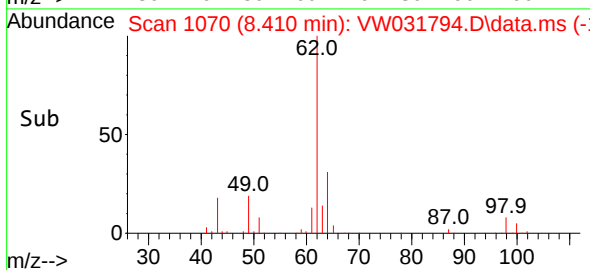
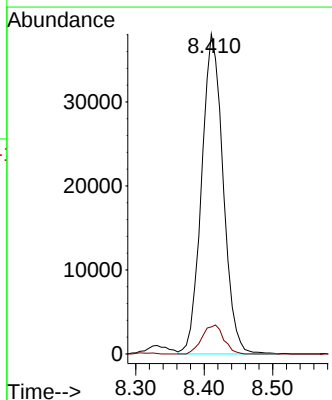
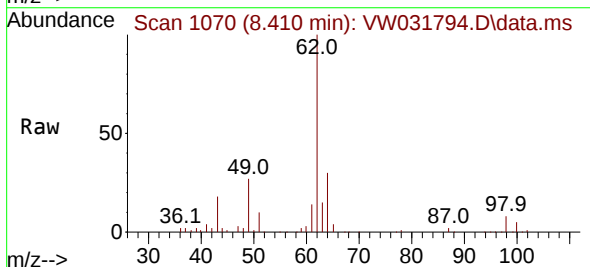
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

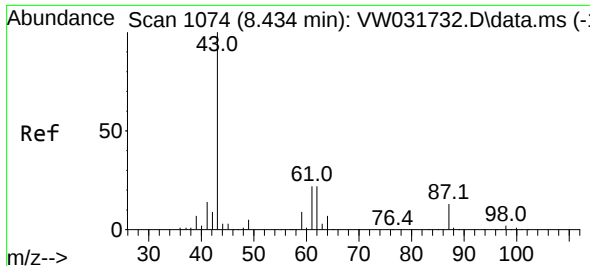
Tgt Ion:	41	Resp:	26501
Ion	Ratio	Lower	Upper
41	100		
39	59.7	43.2	64.8
67	78.3	58.1	87.1
52	35.3	25.6	38.4



#42
1,2-Dichloroethane
Concen: 21.286 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion:	62	Resp:	83386
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2

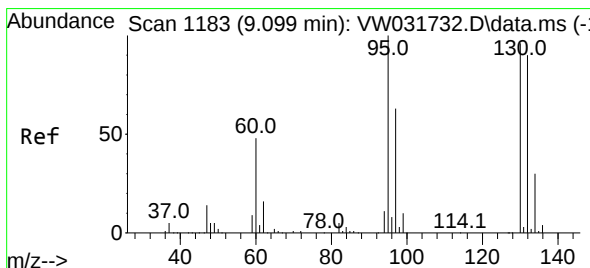
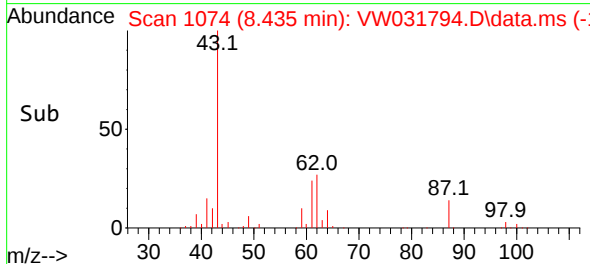
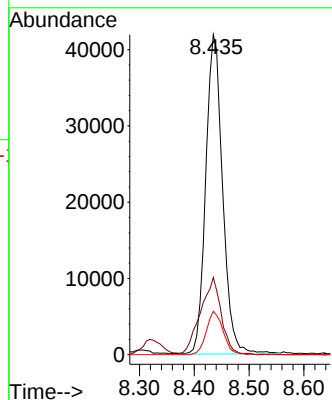
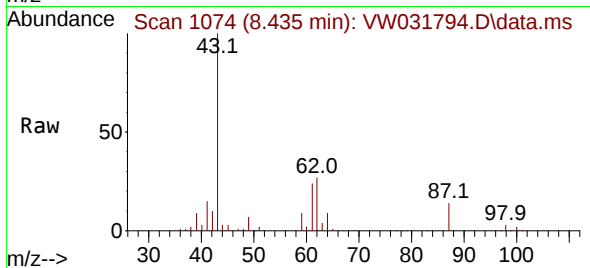




#43
Isopropyl Acetate
Concen: 21.016 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

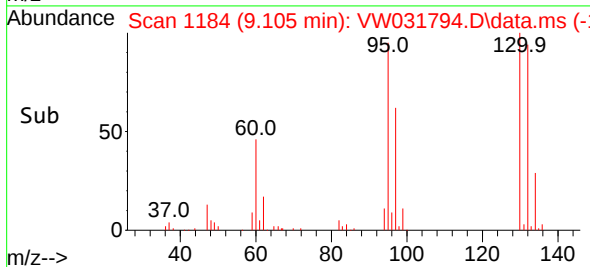
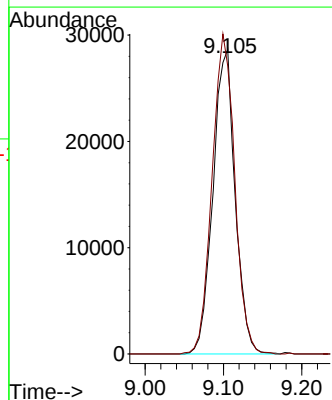
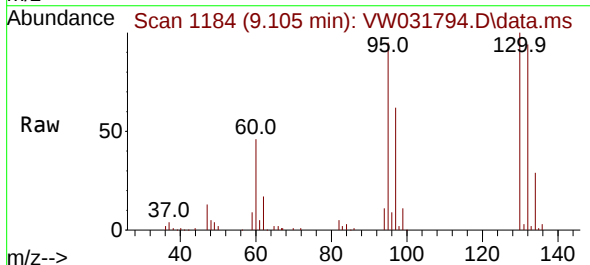
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

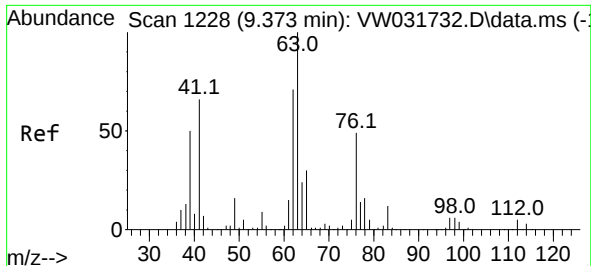
Tgt Ion: 43 Resp: 89552
Ion Ratio Lower Upper
43 100
61 29.8 23.1 34.7
87 13.4 10.8 16.2



#44
Trichloroethene
Concen: 19.495 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion:130 Resp: 56412
Ion Ratio Lower Upper
130 100
95 94.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 21.140 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

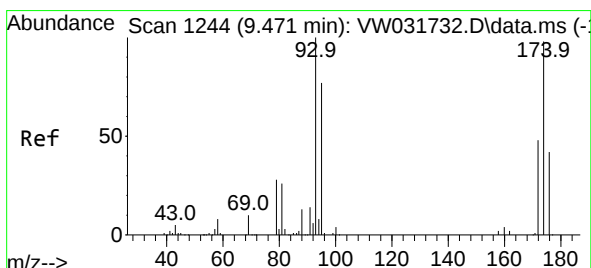
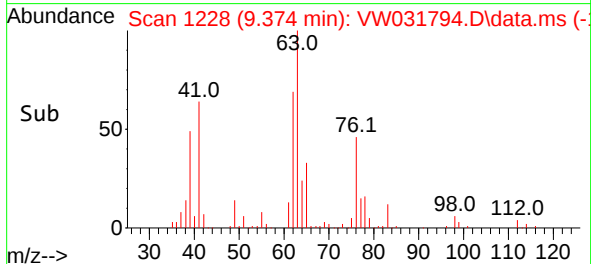
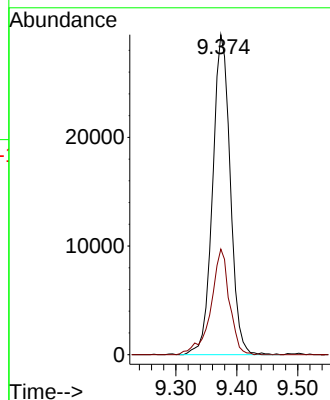
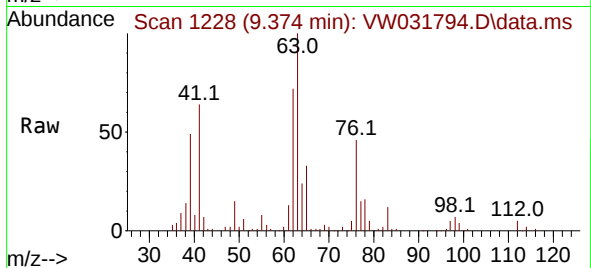
VW0710SBSD01

Tgt Ion: 63 Resp: 59237

Ion Ratio Lower Upper

63 100

65 33.0 24.2 36.4



#46

Dibromomethane

Concen: 20.784 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

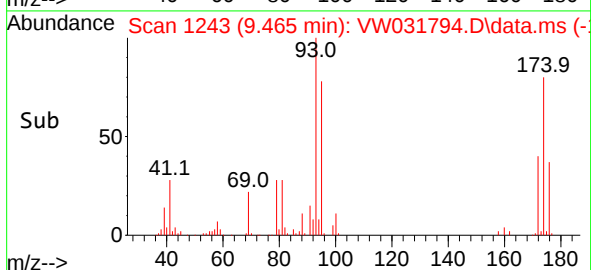
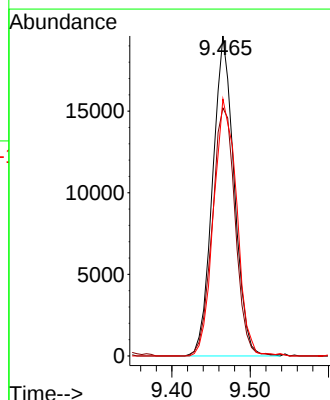
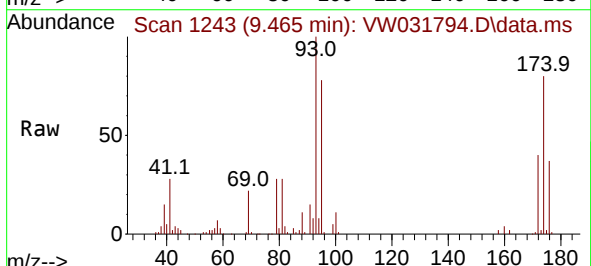
Tgt Ion: 93 Resp: 37600

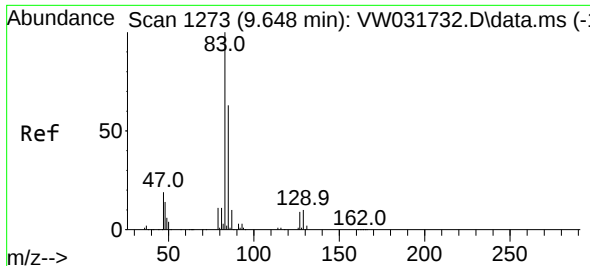
Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.4

174 86.0 71.7 107.5

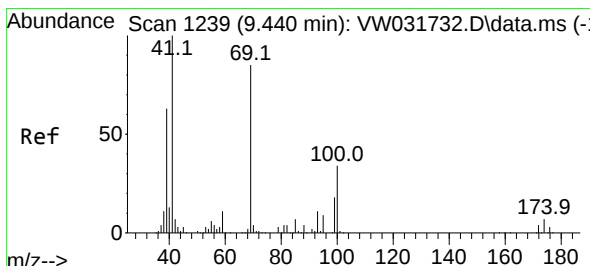
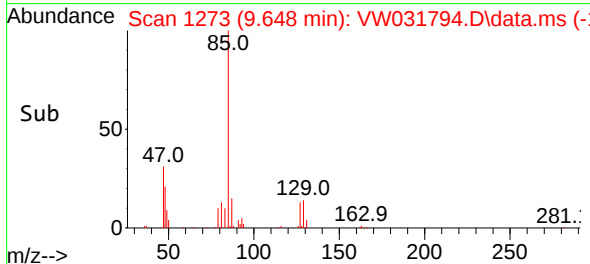
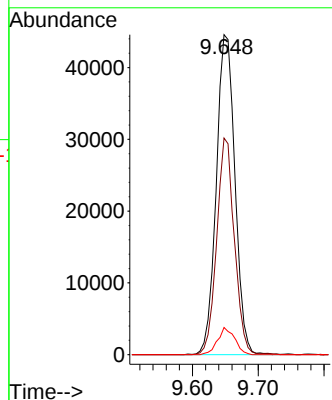
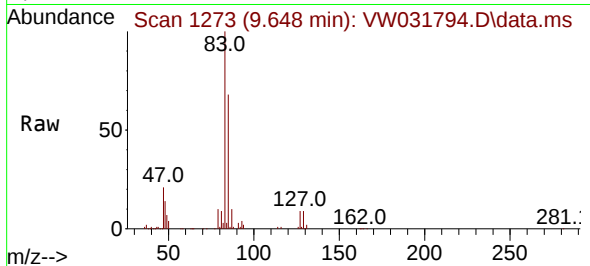




#47
Bromodichloromethane
Concen: 20.787 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

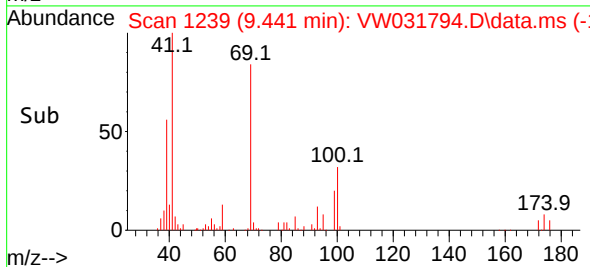
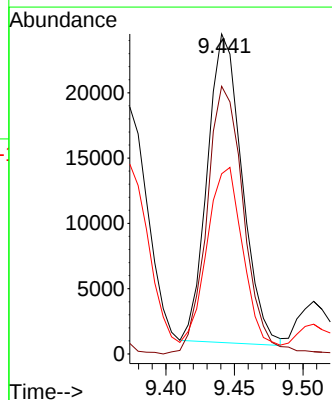
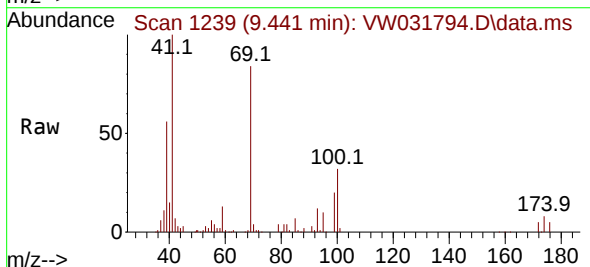
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

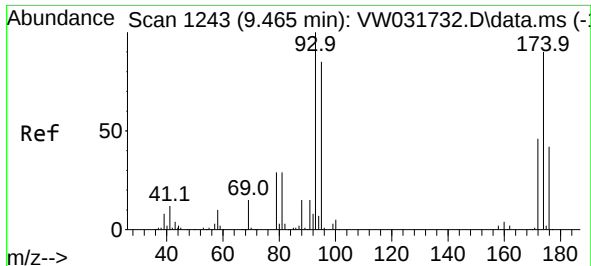
Tgt Ion: 83 Resp: 88183
Ion Ratio Lower Upper
83 100
85 67.7 50.8 76.2
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 19.888 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 41 Resp: 41670
Ion Ratio Lower Upper
41 100
69 92.4 71.6 107.4
39 58.9 49.5 74.3





#49

1,4-Dioxane

Concen: 333.450 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD01

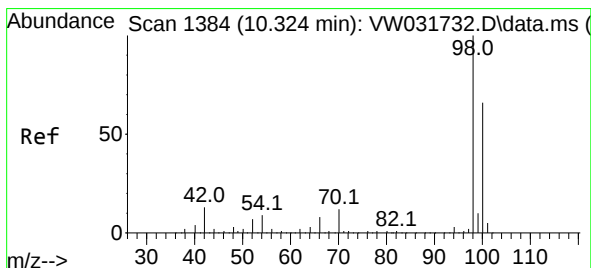
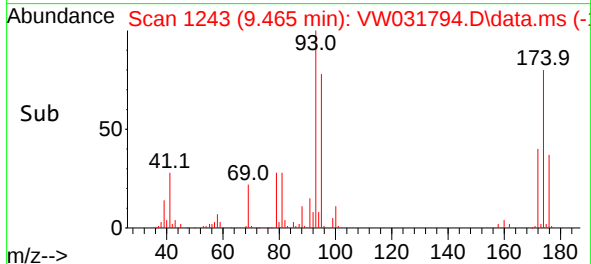
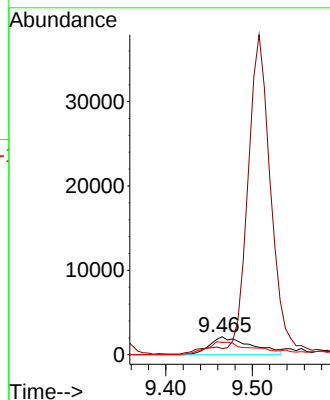
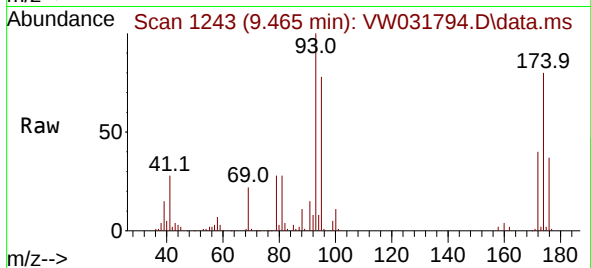
Tgt Ion: 88 Resp: 7065

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 85.0 58.3 87.5



#50

Toluene-d8

Concen: 49.812 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031794.D

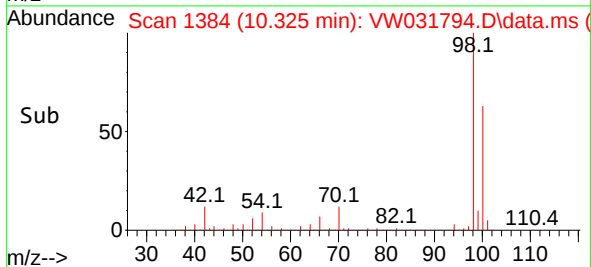
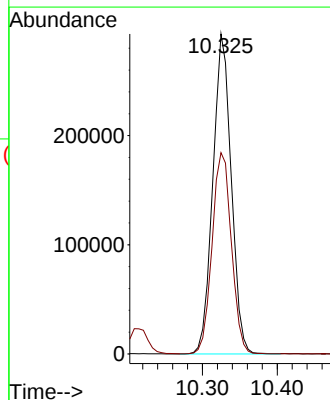
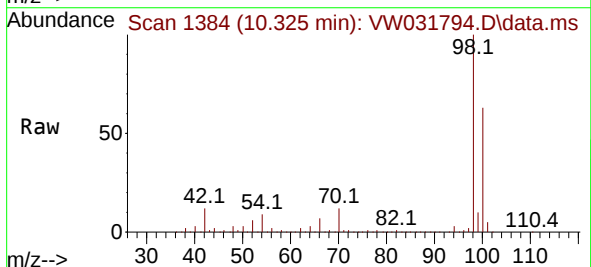
Acq: 10 Jul 2025 11:33

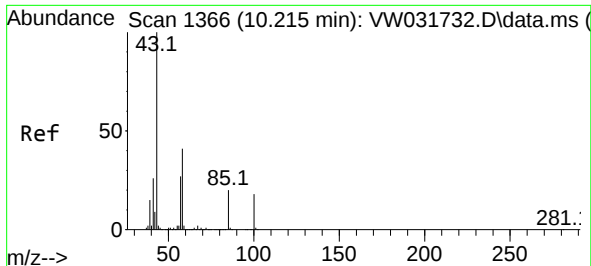
Tgt Ion: 98 Resp: 501996

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4

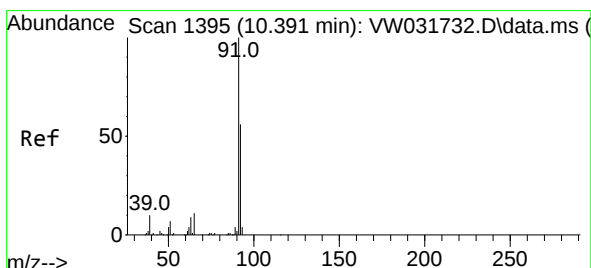
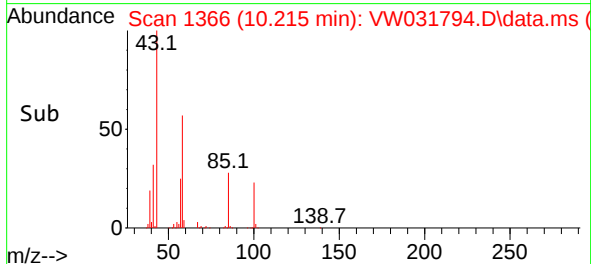
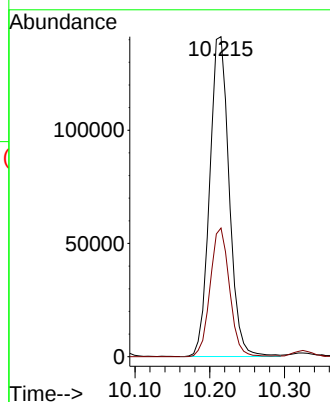
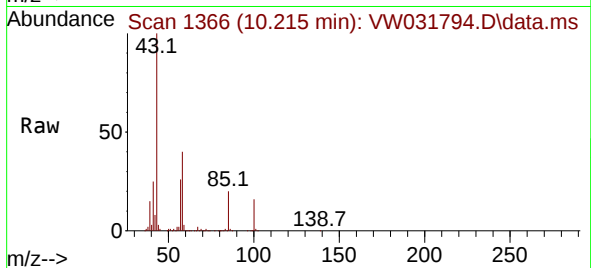




#51
4-Methyl-2-Pentanone
Concen: 104.592 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

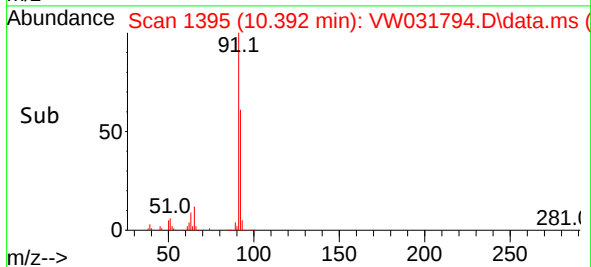
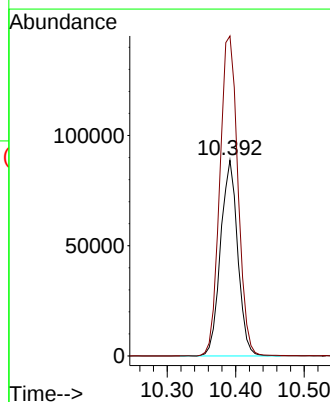
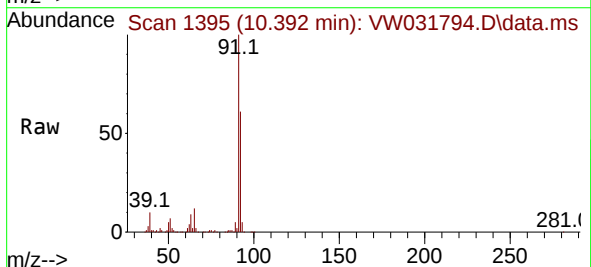
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

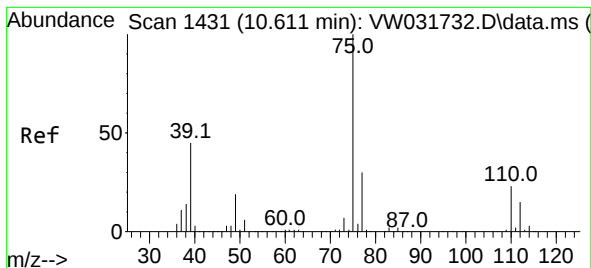
Tgt Ion: 43 Resp: 256230
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 20.732 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 92 Resp: 153896
Ion Ratio Lower Upper
92 100
91 172.7 139.5 209.3

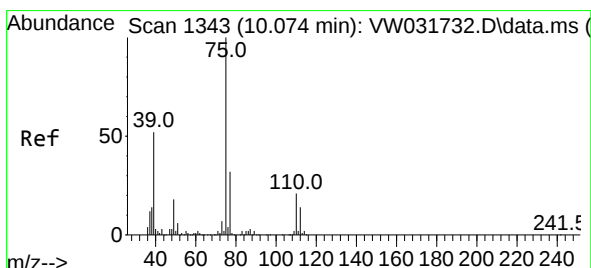
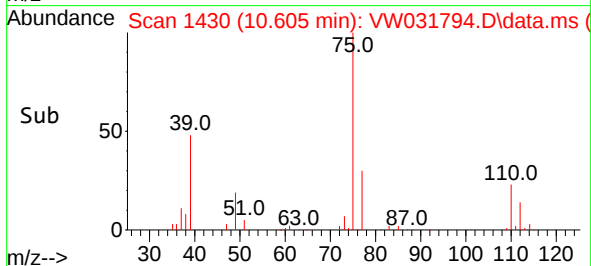
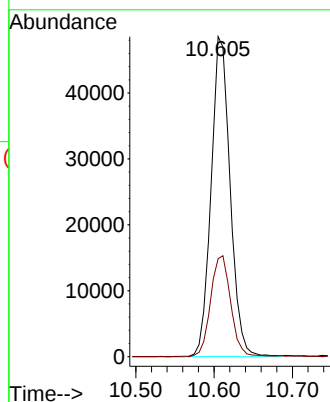
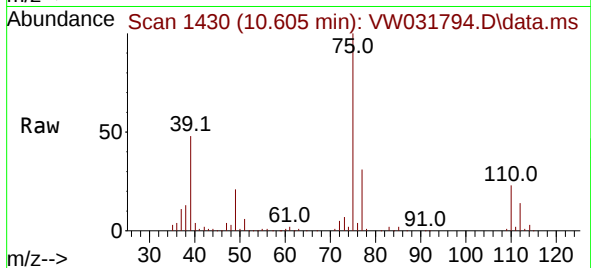




#53
 t-1,3-Dichloropropene
 Concen: 20.615 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

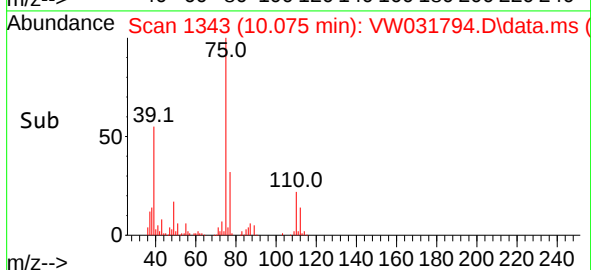
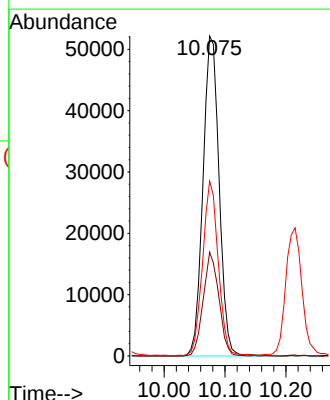
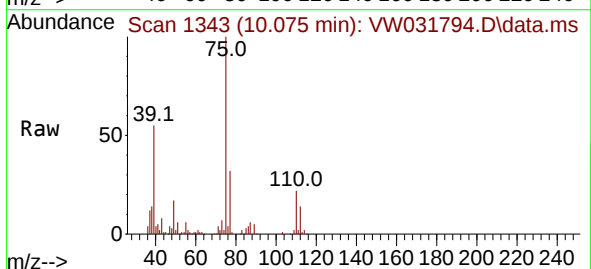
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS01

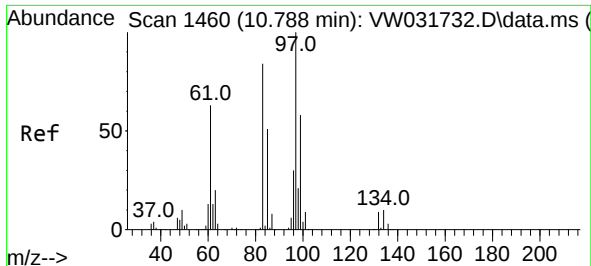
Tgt Ion: 75 Resp: 82051
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 21.250 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031794.D
 Acq: 10 Jul 2025 11:33

Tgt Ion: 75 Resp: 95884
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2
 39 54.4 41.8 62.6

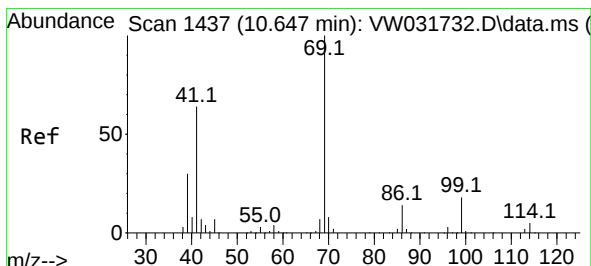
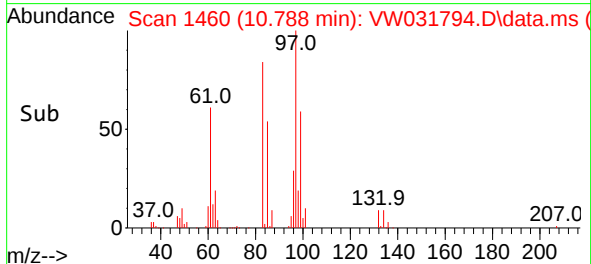
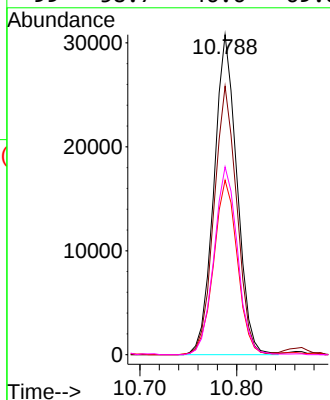
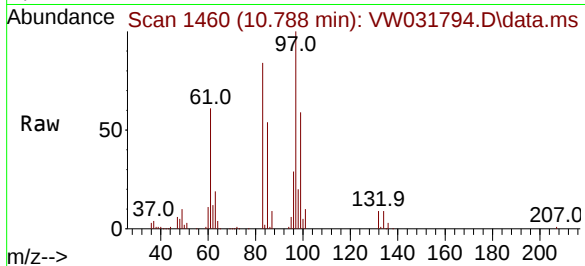




#55
1,1,2-Trichloroethane
Concen: 21.503 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

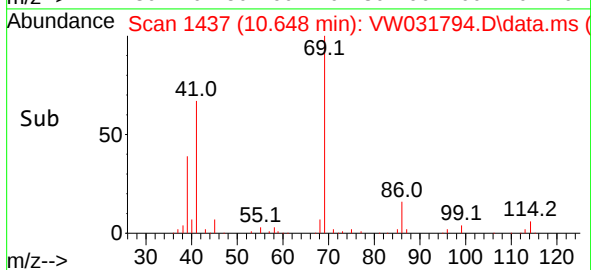
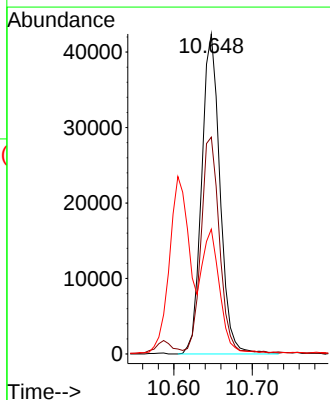
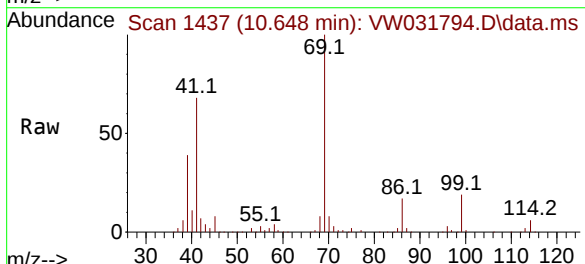
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tgt Ion:	97	Resp:	50955
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.9	100.3
85	54.5	41.1	61.7
99	58.7	46.6	69.8



#56
Ethyl methacrylate
Concen: 21.495 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion:	69	Resp:	69105
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.3	79.9
39	36.5	30.2	45.2





#57

1,3-Dichloropropane

Concen: 21.458 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

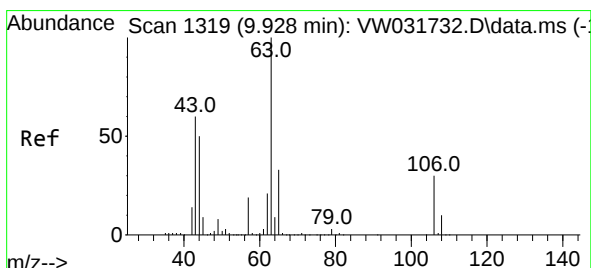
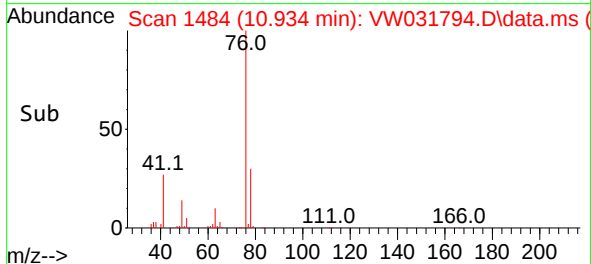
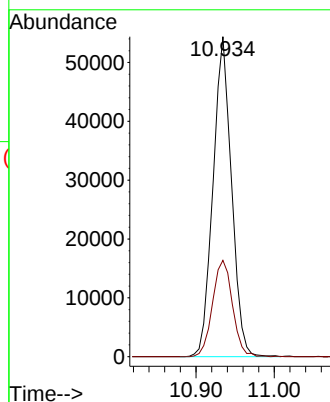
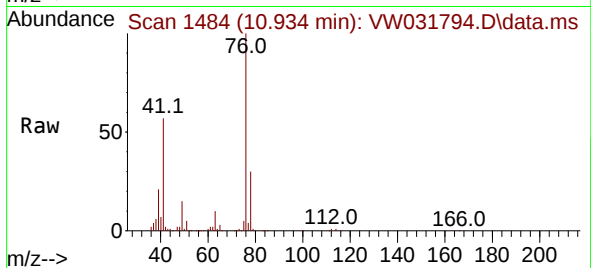
VW0710SBSD01

Tgt Ion: 76 Resp: 89275

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.389 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031794.D

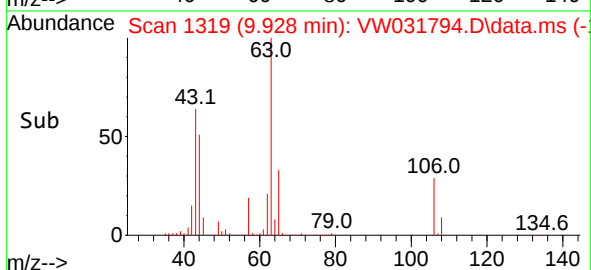
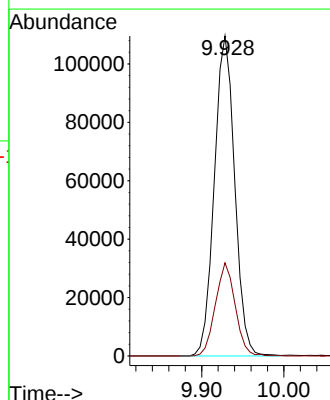
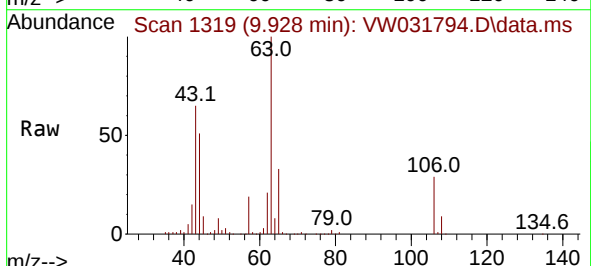
Acq: 10 Jul 2025 11:33

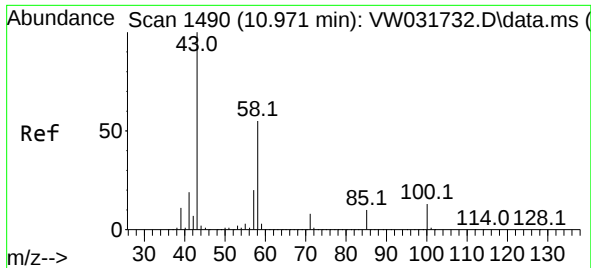
Tgt Ion: 63 Resp: 188338

Ion Ratio Lower Upper

63 100

106 28.3 24.1 36.1

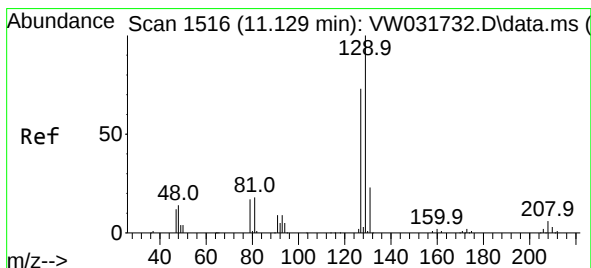
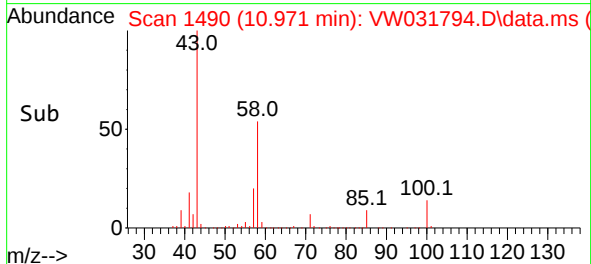
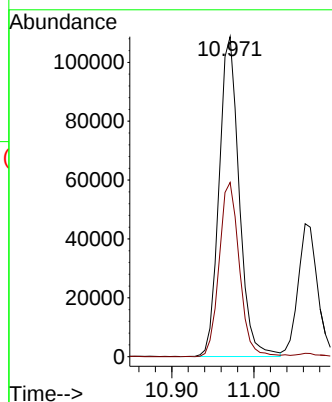
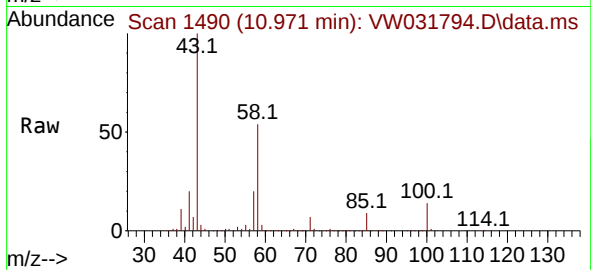




#59
2-Hexanone
Concen: 111.025 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

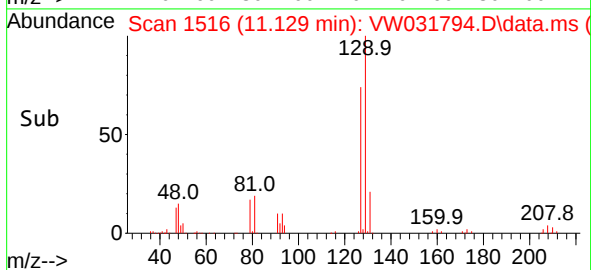
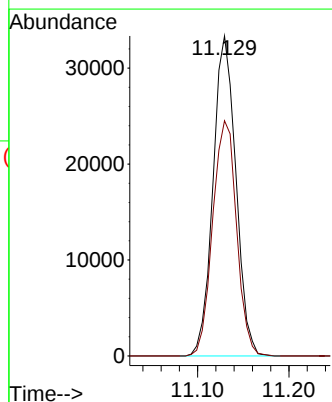
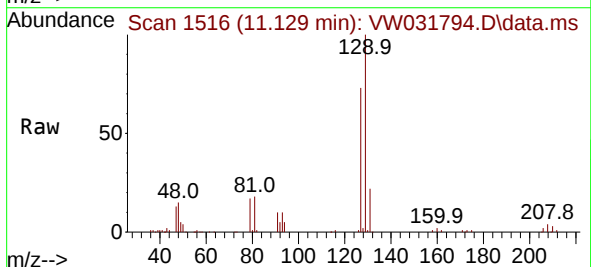
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

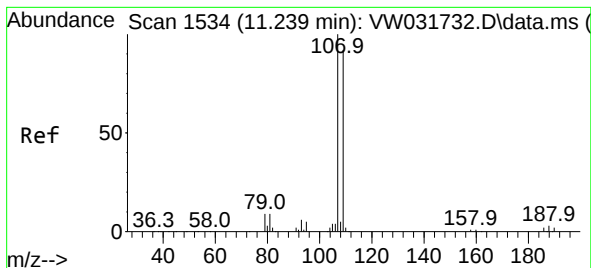
Tgt Ion: 43 Resp: 184311
Ion Ratio Lower Upper
43 100
58 54.7 27.9 83.6



#60
Dibromochloromethane
Concen: 20.436 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 129 Resp: 57910
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.461 ug/l

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

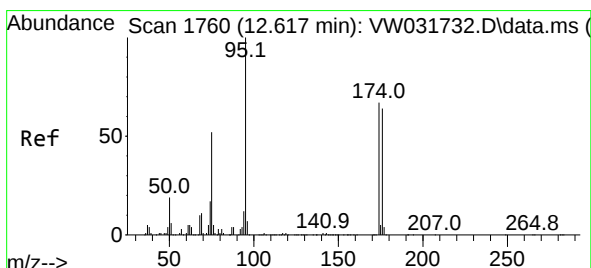
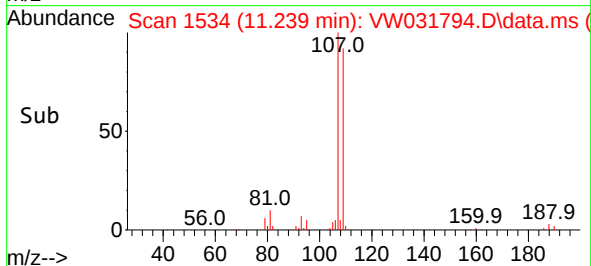
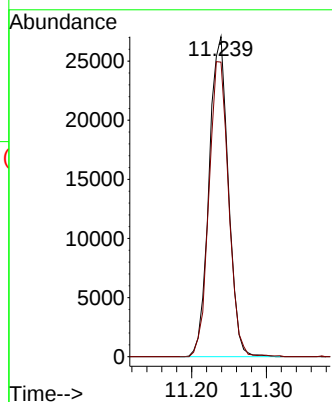
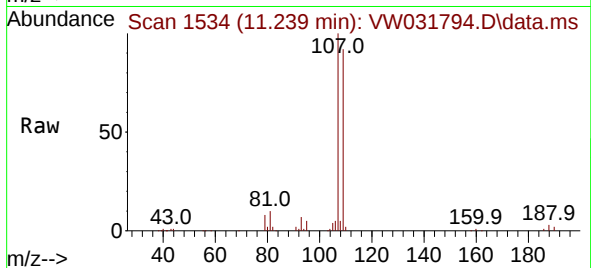
VW0710SBS01

Tgt Ion:107 Resp: 48539

Ion Ratio Lower Upper

107 100

109 94.3 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 51.890 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

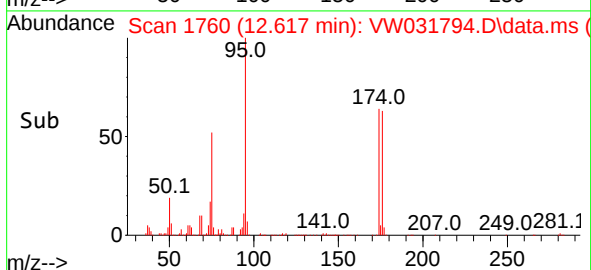
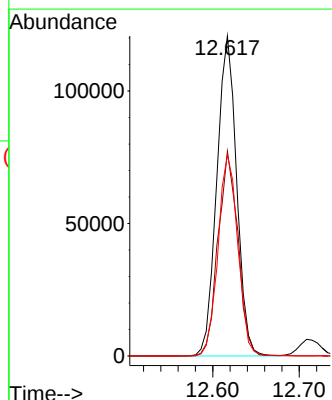
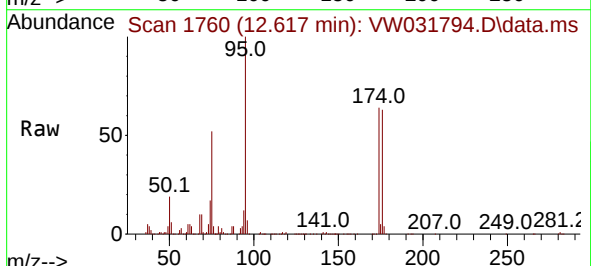
Tgt Ion: 95 Resp: 192442

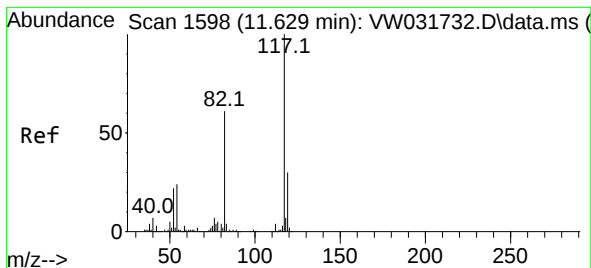
Ion Ratio Lower Upper

95 100

174 63.8 0.0 133.8

176 62.7 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

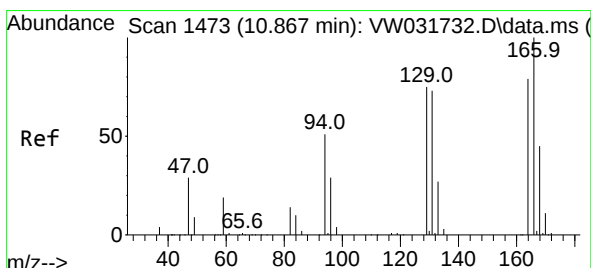
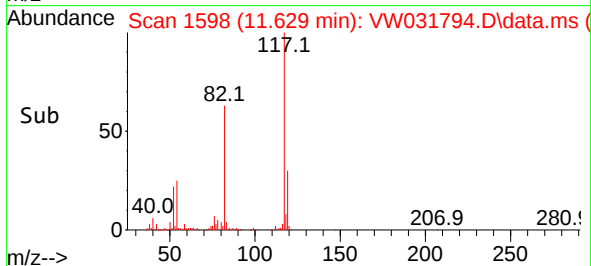
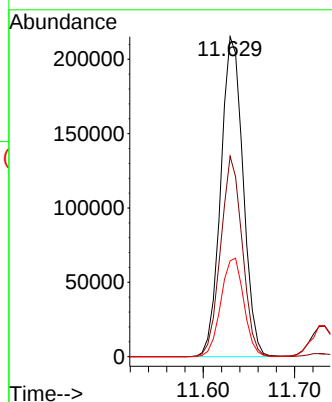
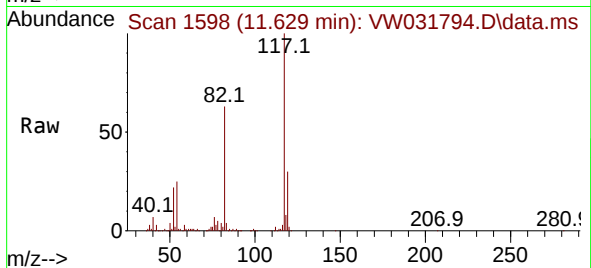
Tgt Ion:117 Resp: 365558

Ion Ratio Lower Upper

117 100

82 62.6 48.6 72.8

119 29.9 23.9 35.9



#64

Tetrachloroethene

Concen: 19.175 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Tgt Ion:164 Resp: 45851

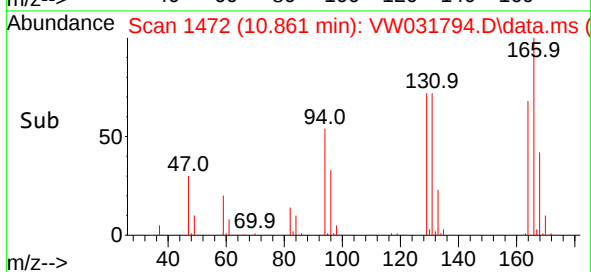
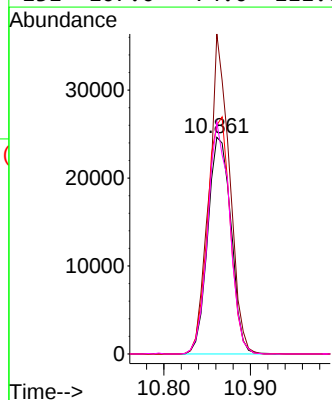
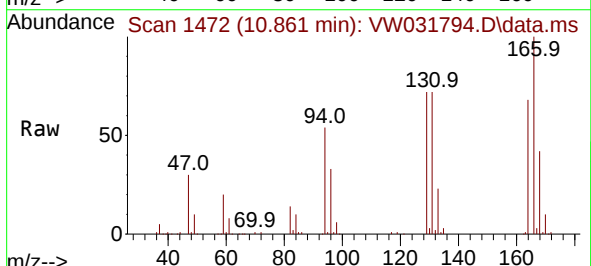
Ion Ratio Lower Upper

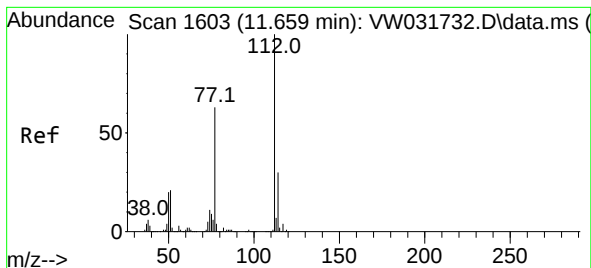
164 100

166 147.8 100.7 151.1

129 105.7 75.4 113.0

131 107.0 74.0 111.0





#65

Chlorobenzene

Concen: 21.158 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

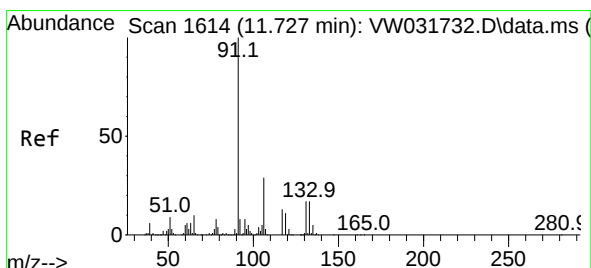
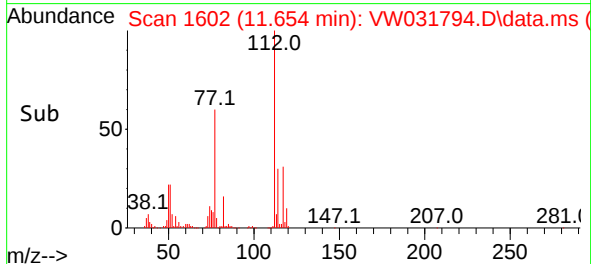
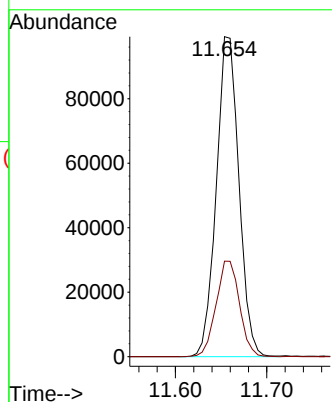
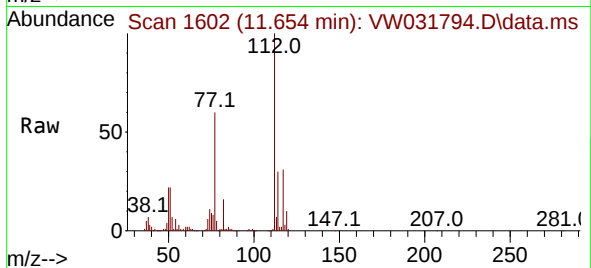
VW0710SBS01

Tgt Ion:112 Resp: 170652

Ion Ratio Lower Upper

112 100

114 29.8 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.769 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

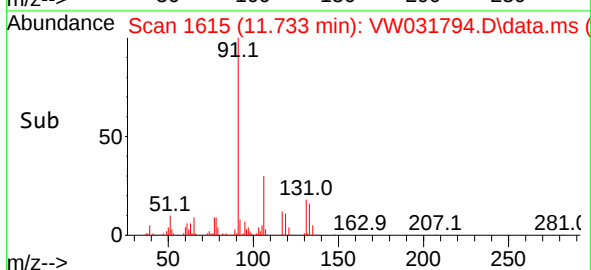
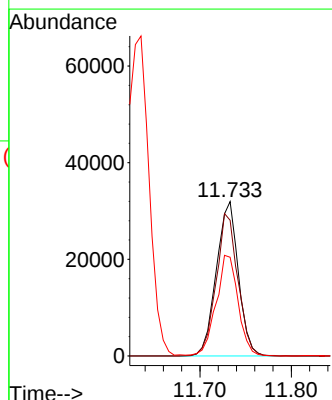
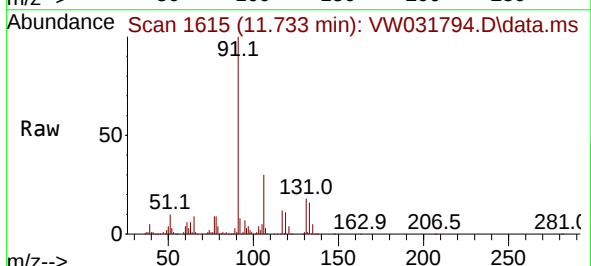
Tgt Ion:131 Resp: 53380

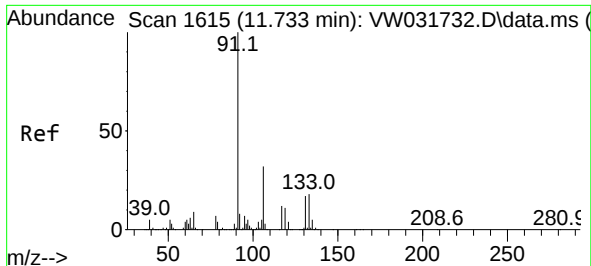
Ion Ratio Lower Upper

131 100

133 91.3 48.5 145.6

119 65.3 32.5 97.5





#67

Ethyl Benzene

Concen: 21.300 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

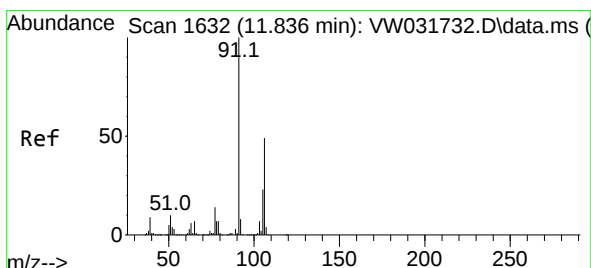
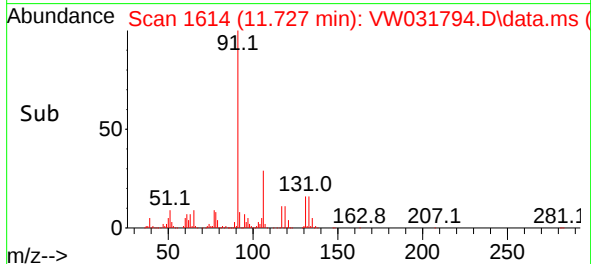
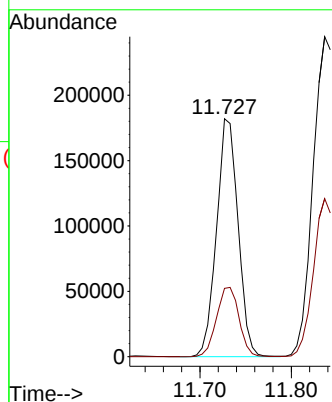
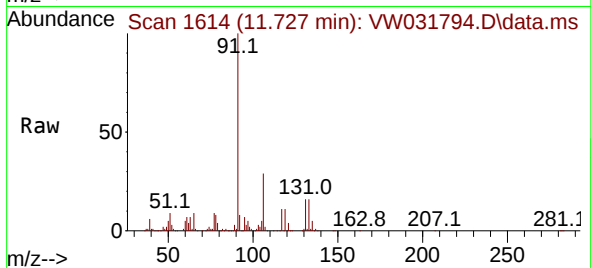
VW0710SBSD01

Tgt Ion: 91 Resp: 297893

Ion Ratio Lower Upper

91 100

106 28.7 25.4 38.2



#68

m/p-Xylenes

Concen: 41.847 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031794.D

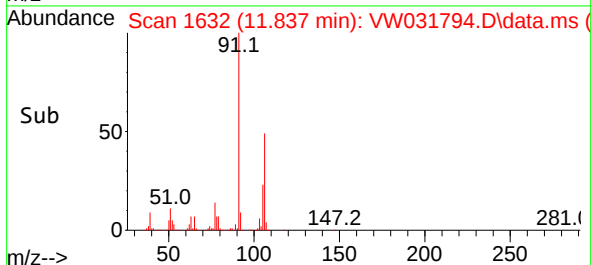
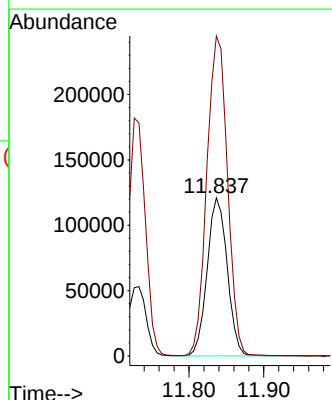
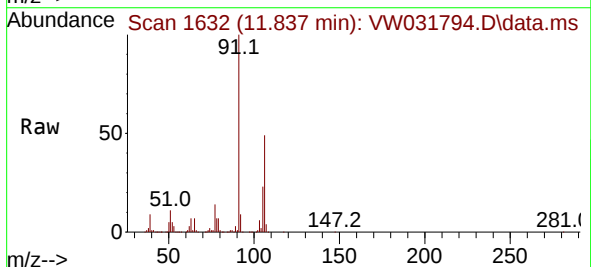
Acq: 10 Jul 2025 11:33

Tgt Ion:106 Resp: 224986

Ion Ratio Lower Upper

106 100

91 209.2 166.4 249.6

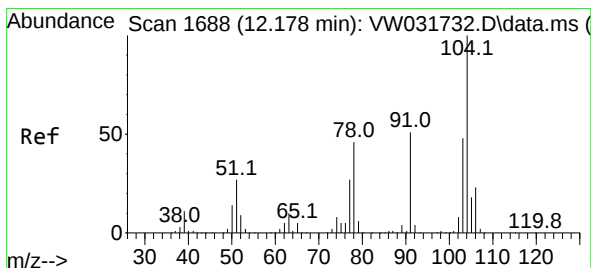
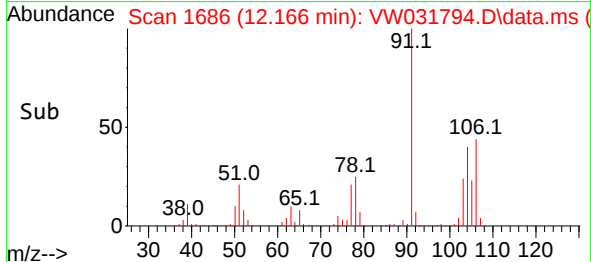
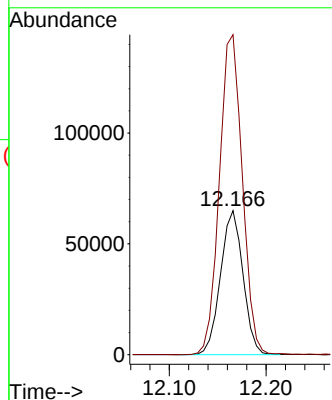
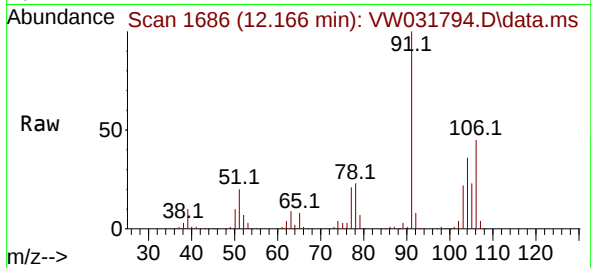




#69
o-Xylene
Concen: 21.082 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

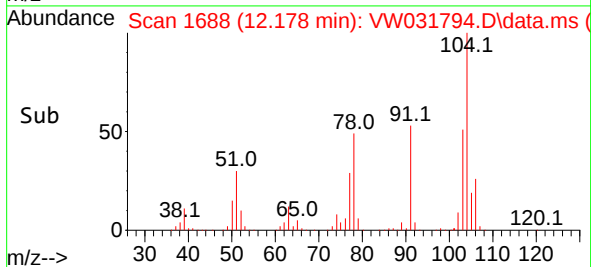
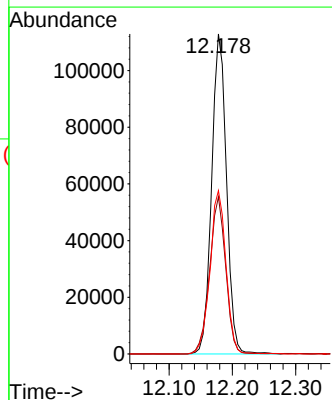
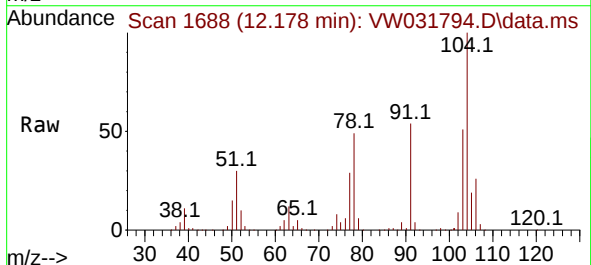
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

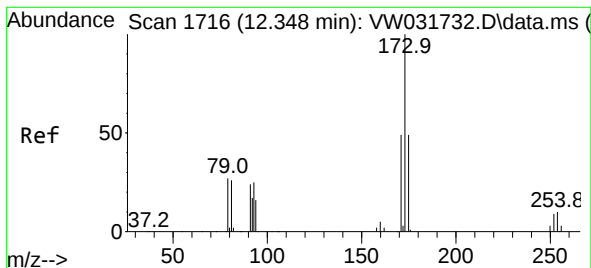
Tgt Ion:106 Resp: 104943
Ion Ratio Lower Upper
106 100
91 226.8 111.5 334.4



#70
Styrene
Concen: 21.391 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion:104 Resp: 184086
Ion Ratio Lower Upper
104 100
78 53.1 42.1 63.1
103 54.8 43.0 64.6





#71

Bromoform

Concen: 19.469 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

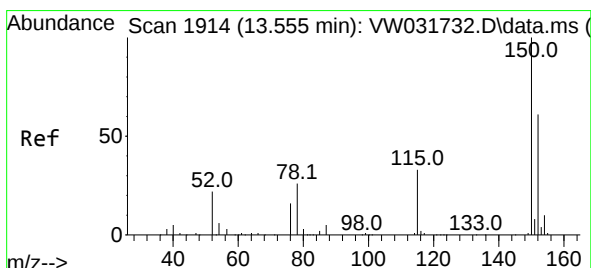
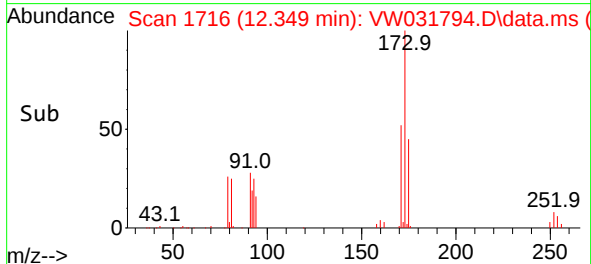
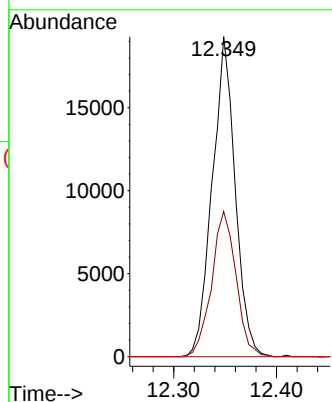
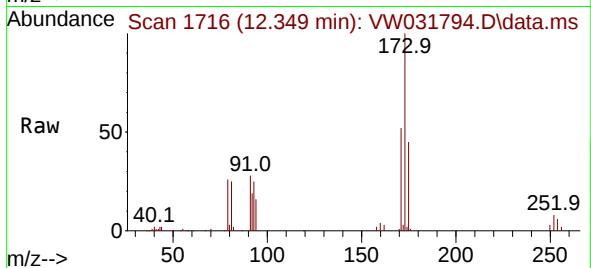
Tgt Ion:173 Resp: 29851

Ion Ratio Lower Upper

173 100

175 48.4 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: VW031794.D

Acq: 10 Jul 2025 11:33

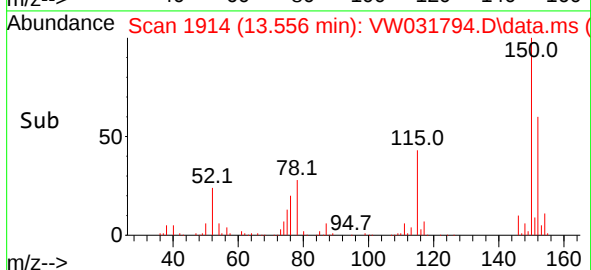
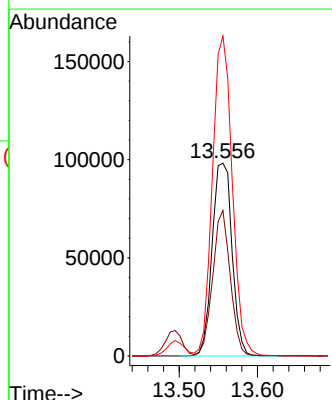
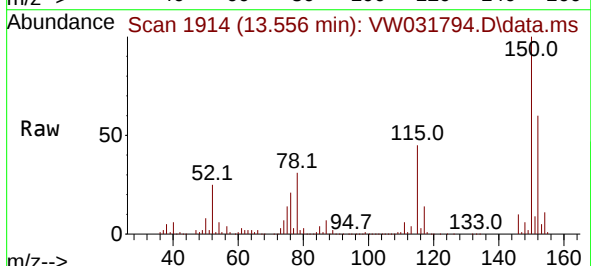
Tgt Ion:152 Resp: 173637

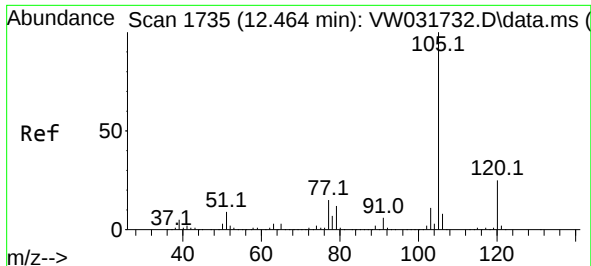
Ion Ratio Lower Upper

152 100

115 66.9 31.9 95.7

150 164.6 0.0 356.4

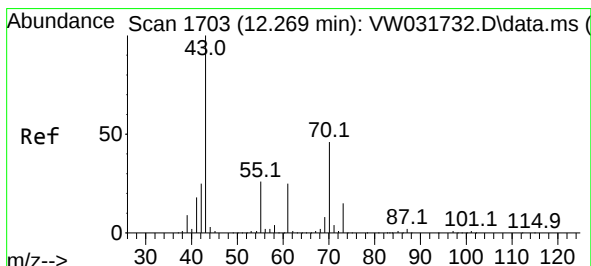
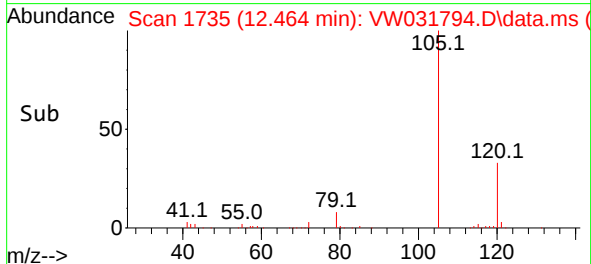
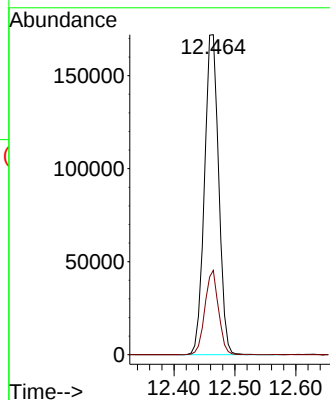
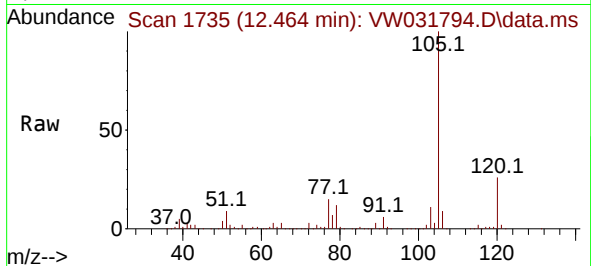




#73
Isopropylbenzene
Concen: 21.126 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

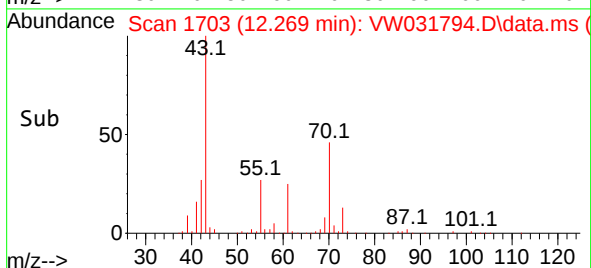
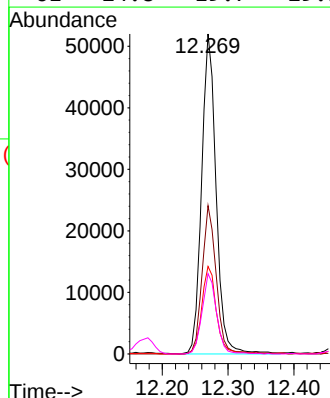
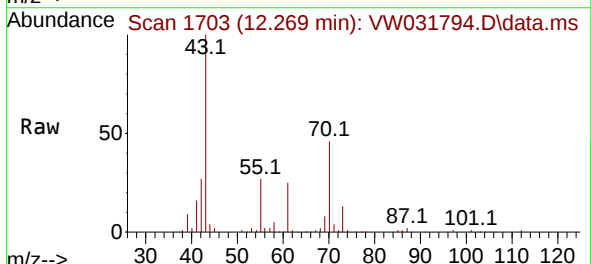
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

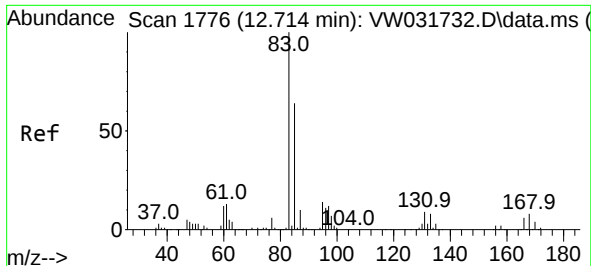
Tgt Ion:105 Resp: 279027
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4



#74
N-ethyl acetate
Concen: 22.400 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 43 Resp: 79743
Ion Ratio Lower Upper
43 100
70 44.9 36.0 54.0
55 27.8 20.8 31.2
61 24.8 19.7 29.5

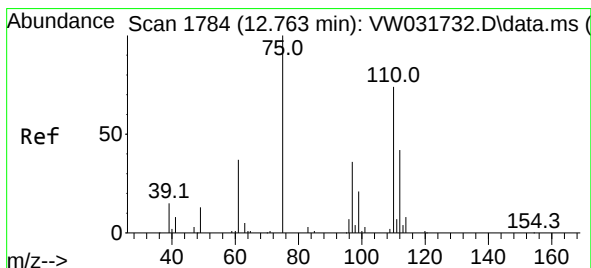
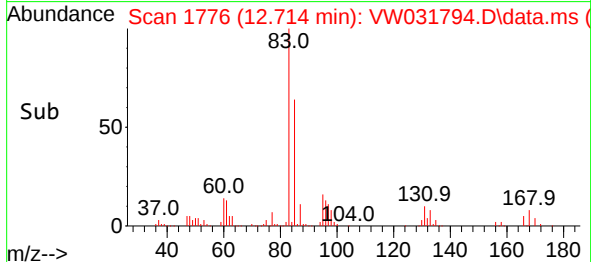
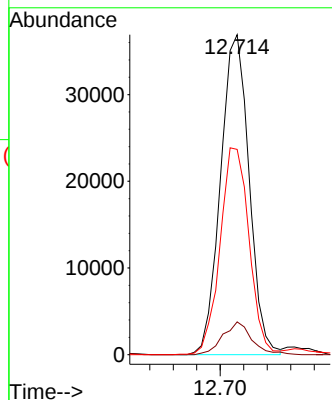
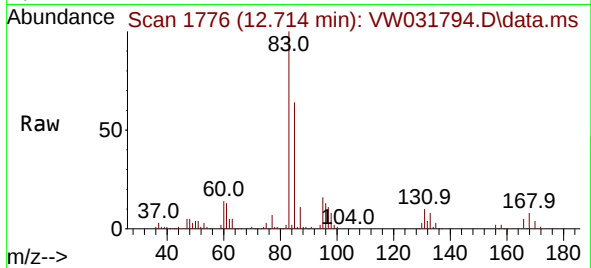




#75
1,1,2,2-Tetrachloroethane
Concen: 21.263 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

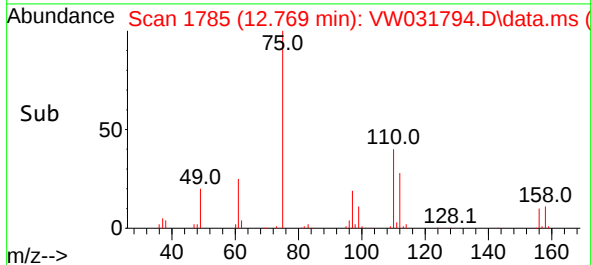
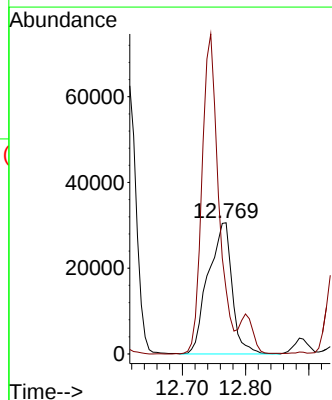
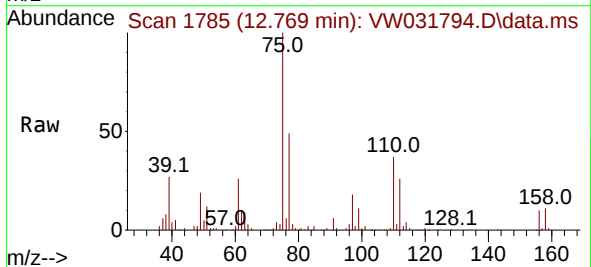
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

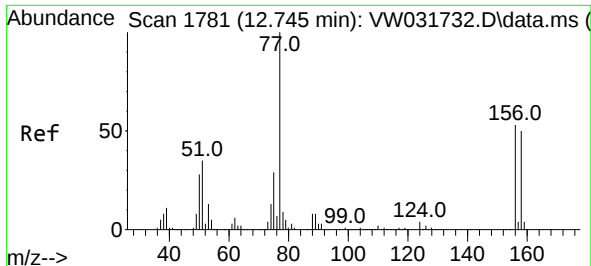
Tgt Ion: 83 Resp: 62348
Ion Ratio Lower Upper
83 100
131 10.3 5.3 16.1
85 65.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 35.846 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 75 Resp: 80433
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#

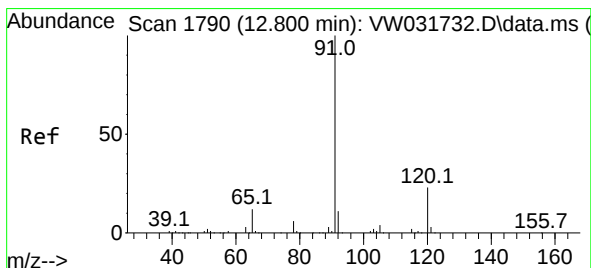
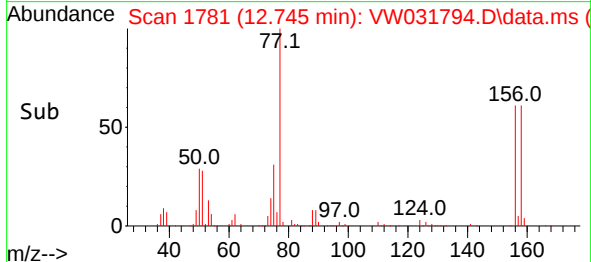
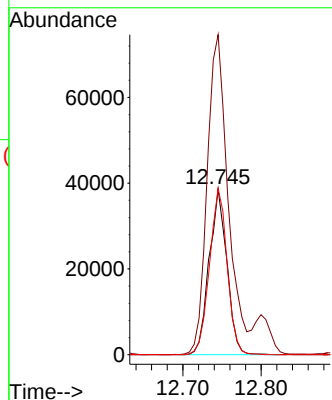
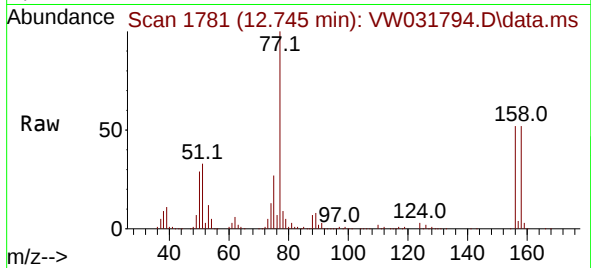




#77
Bromobenzene
Concen: 20.620 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

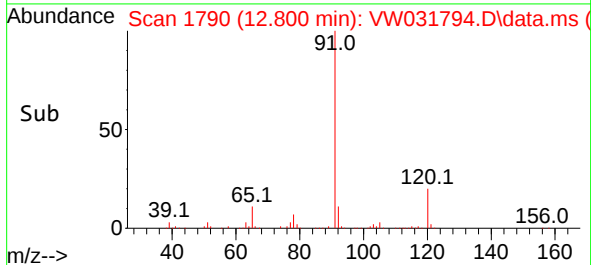
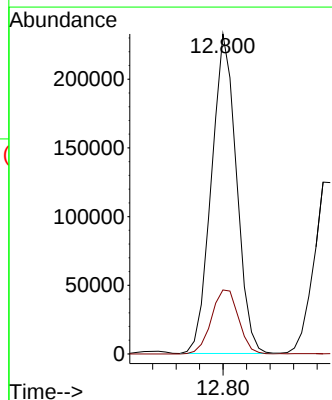
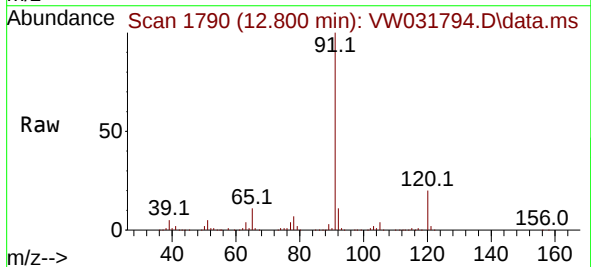
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

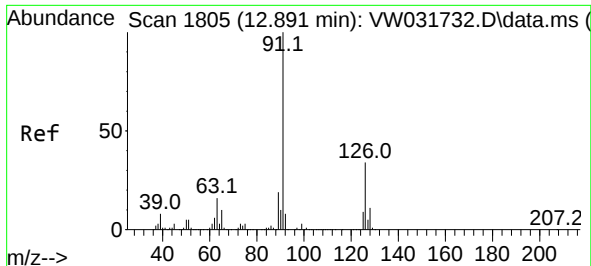
Tgt Ion:156 Resp: 60742
Ion Ratio Lower Upper
156 100
77 226.0 117.9 353.7
158 100.0 52.6 157.8



#78
n-propylbenzene
Concen: 21.810 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 91 Resp: 344945
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.558 ug/l

RT: 12.885 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

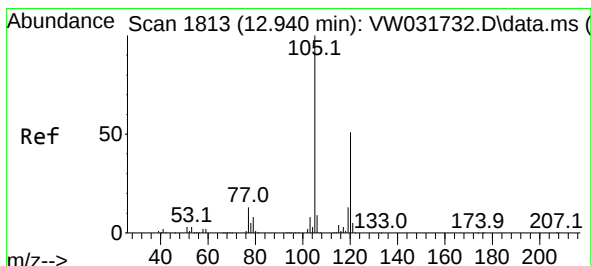
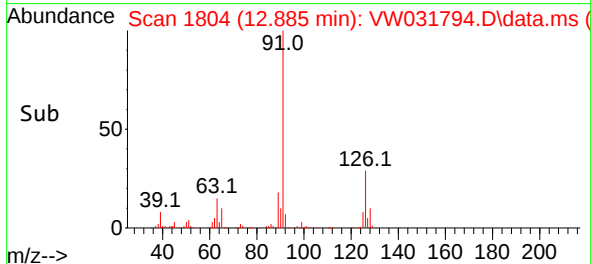
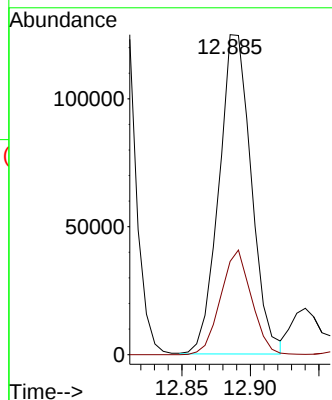
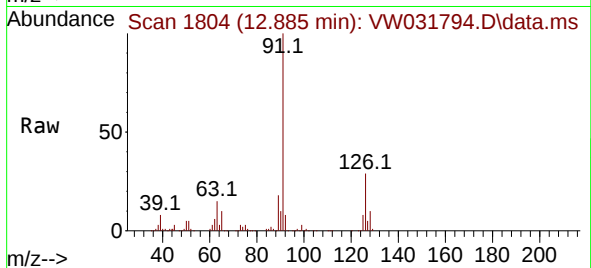
VW0710SBS01

Tgt Ion: 91 Resp: 205314

Ion Ratio Lower Upper

91 100

126 31.2 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 21.556 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031794.D

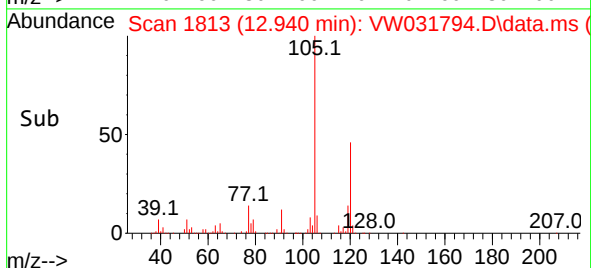
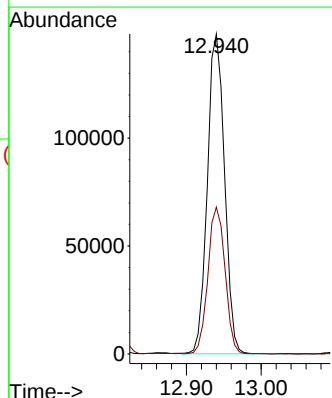
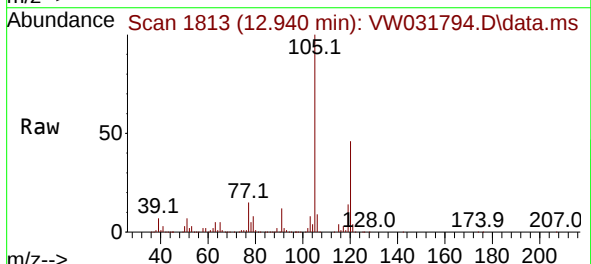
Acq: 10 Jul 2025 11:33

Tgt Ion:105 Resp: 235670

Ion Ratio Lower Upper

105 100

120 46.0 23.8 71.2

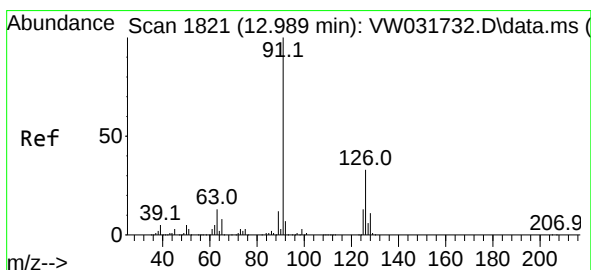
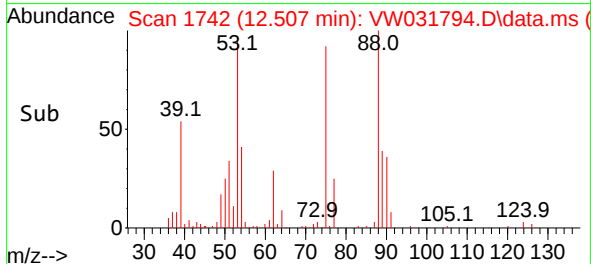
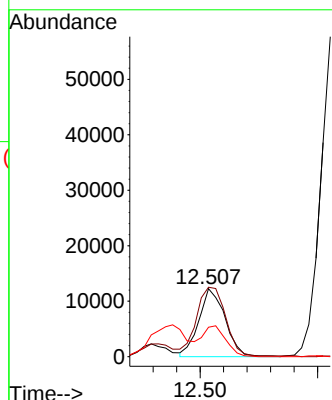
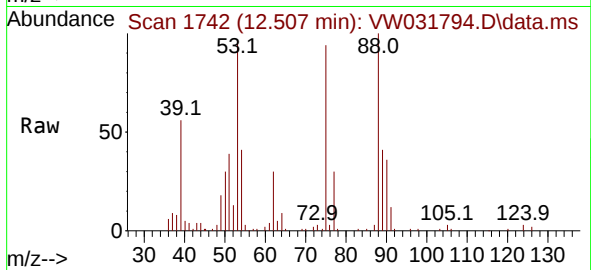




#81
trans-1,4-Dichloro-2-butene
Concen: 19.749 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

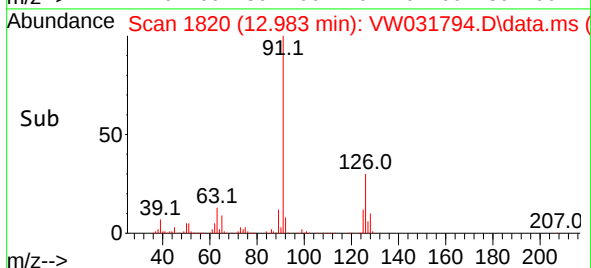
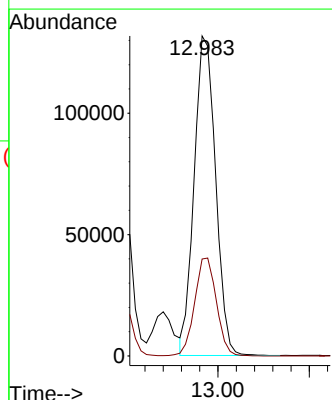
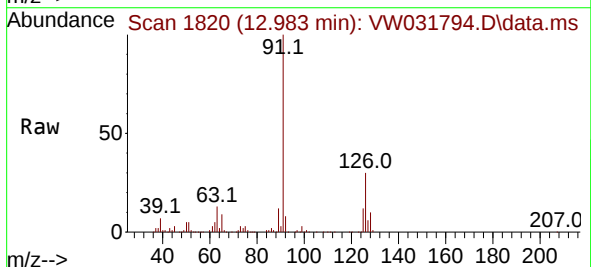
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

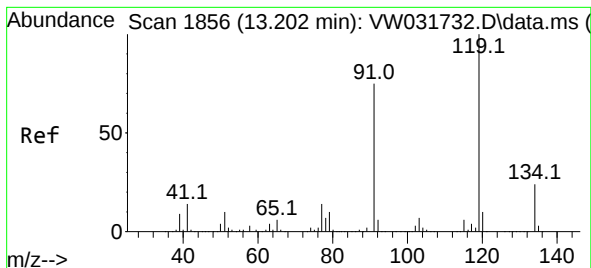
Tgt Ion: 75 Resp: 19026
Ion Ratio Lower Upper
75 100
53 117.5 83.5 125.3
89 40.5 38.3 57.5



#82
4-Chlorotoluene
Concen: 21.454 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 91 Resp: 214521
Ion Ratio Lower Upper
91 100
126 31.2 16.0 47.9





#83

tert-Butylbenzene

Concen: 21.186 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

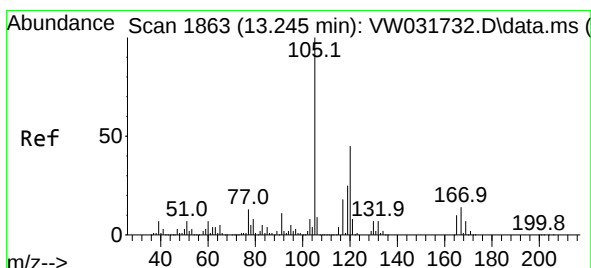
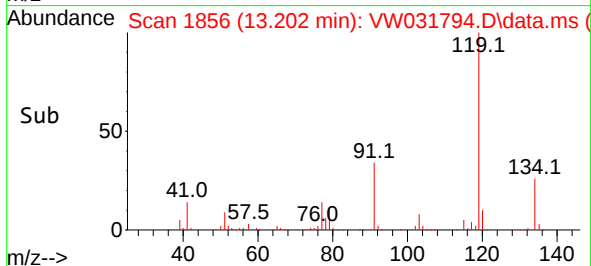
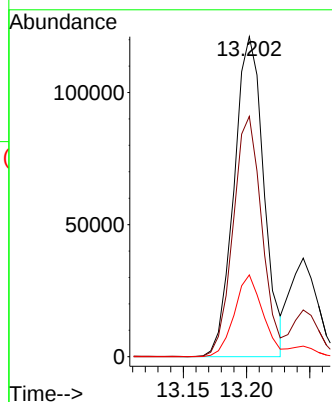
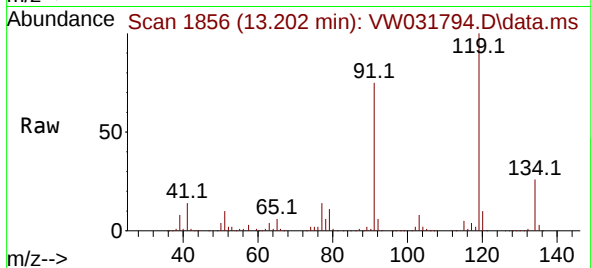
Tgt Ion:119 Resp: 198401

Ion Ratio Lower Upper

119 100

91 72.4 36.0 108.1

134 24.9 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 21.723 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031794.D

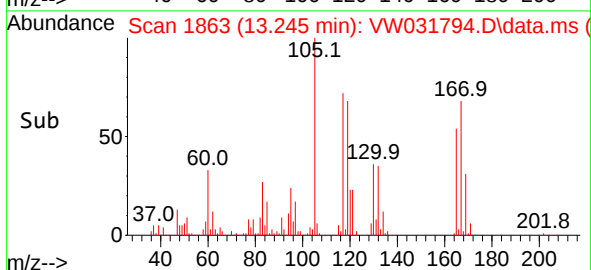
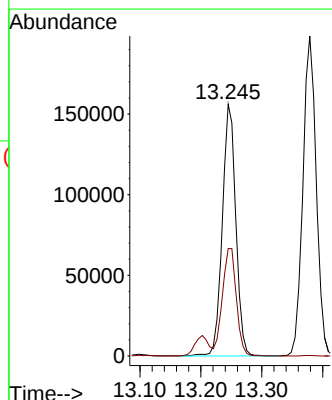
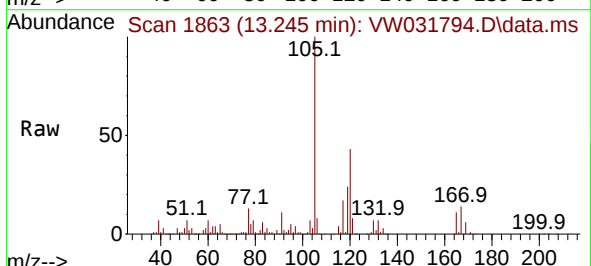
Acq: 10 Jul 2025 11:33

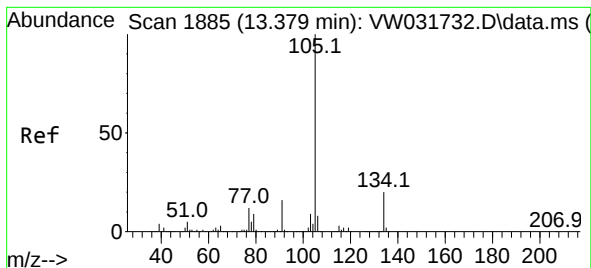
Tgt Ion:105 Resp: 240630

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 21.459 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

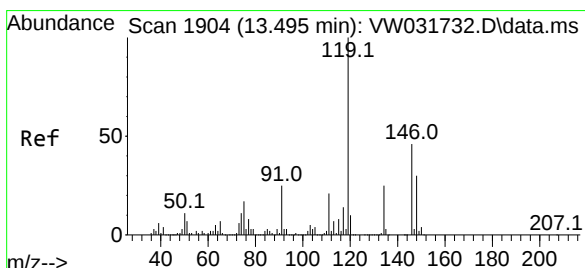
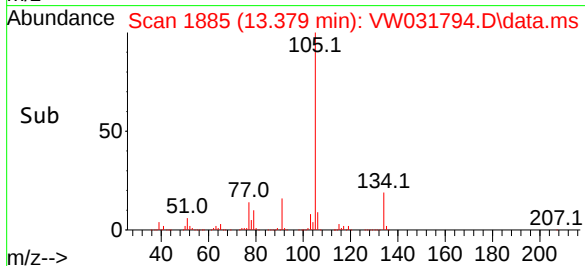
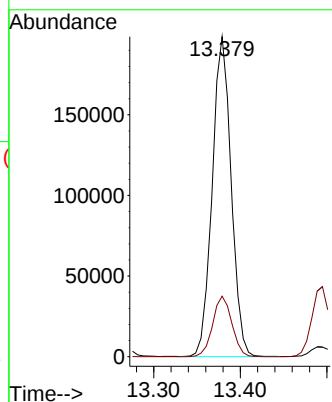
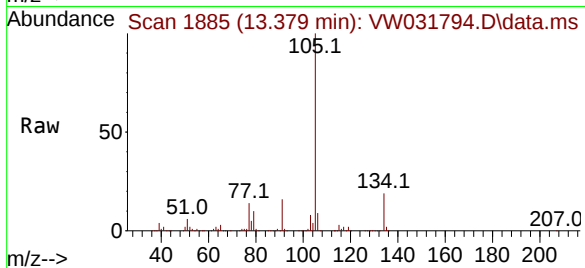
VW0710SBS01

Tgt Ion:105 Resp: 301636

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



#86

p-Isopropyltoluene

Concen: 21.608 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

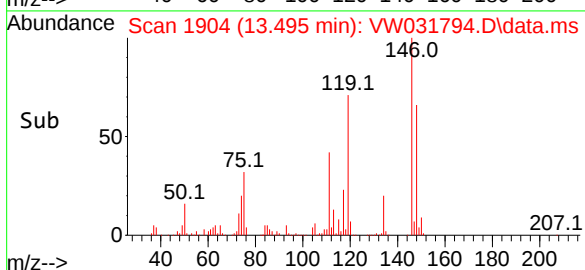
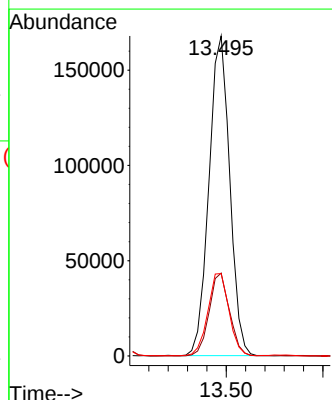
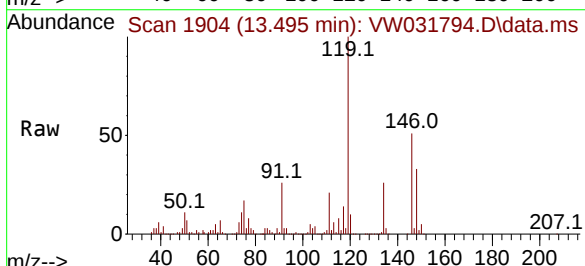
Tgt Ion:119 Resp: 250318

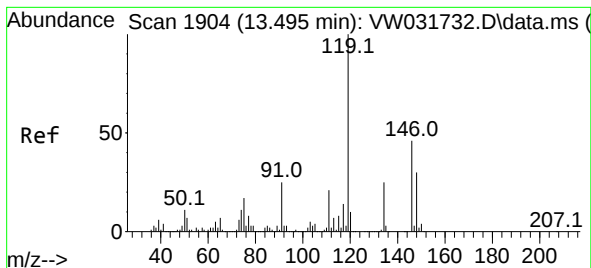
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 26.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 21.946 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

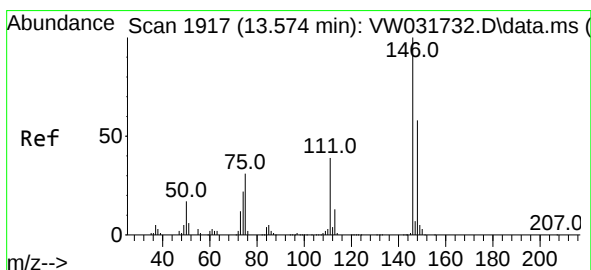
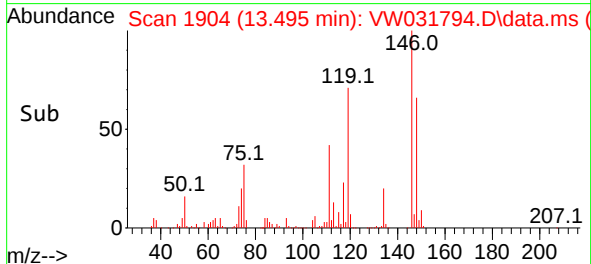
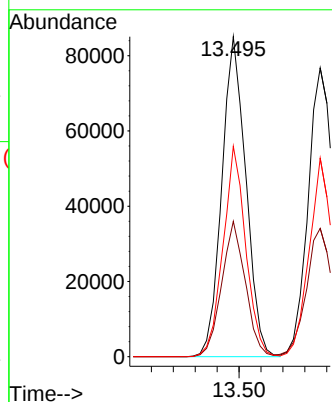
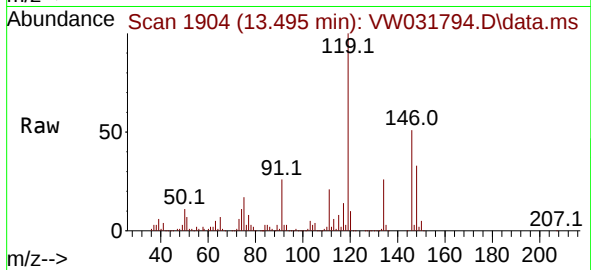
Tgt Ion:146 Resp: 129646

Ion Ratio Lower Upper

146 100

111 41.6 22.3 66.9

148 62.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.548 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

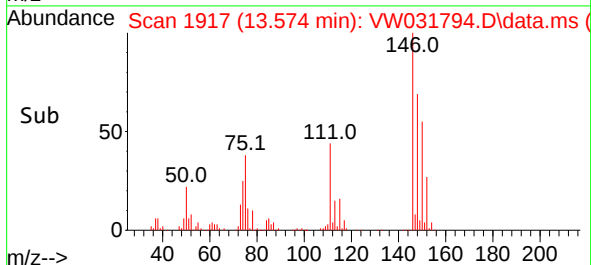
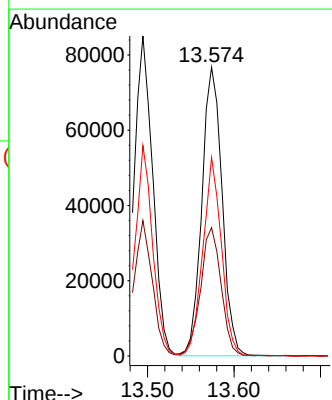
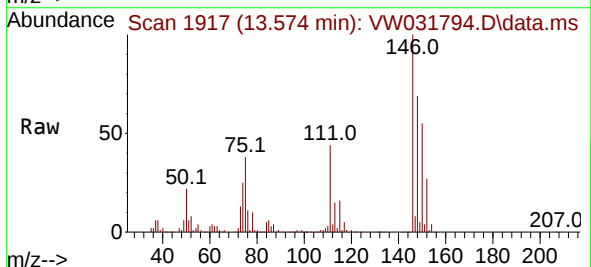
Tgt Ion:146 Resp: 124248

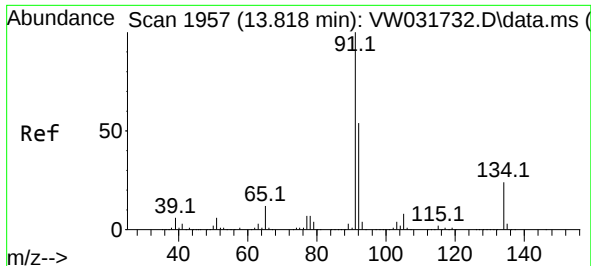
Ion Ratio Lower Upper

146 100

111 45.1 20.4 61.3

148 63.5 30.2 90.6





#89

n-Butylbenzene

Concen: 21.201 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

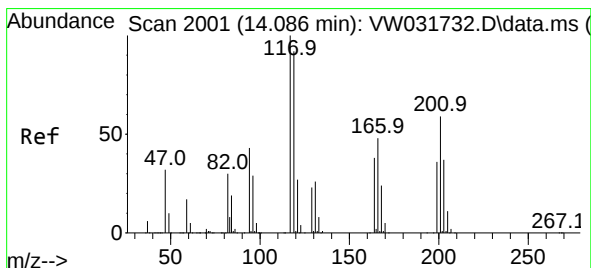
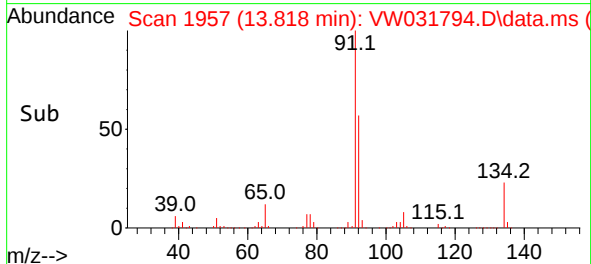
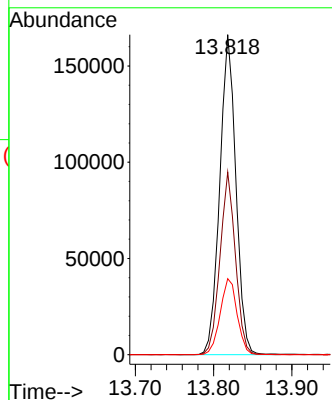
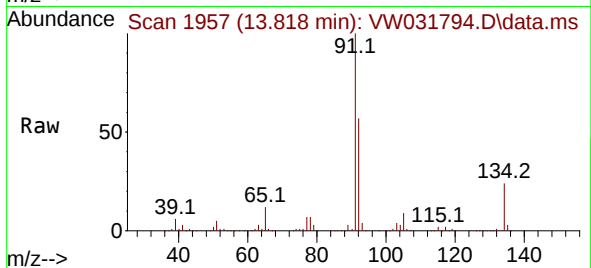
Tgt Ion: 91 Resp: 238633

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

134 25.0 12.2 36.6



#90

Hexachloroethane

Concen: 20.195 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031794.D

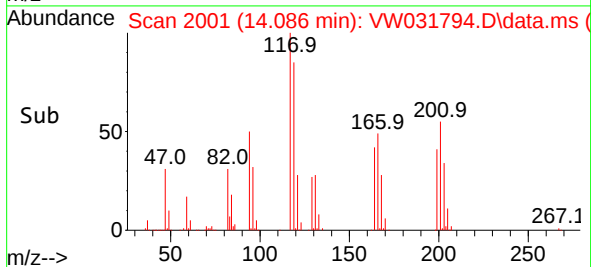
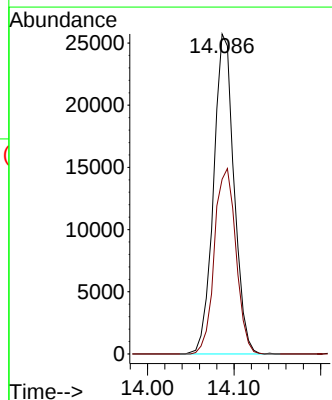
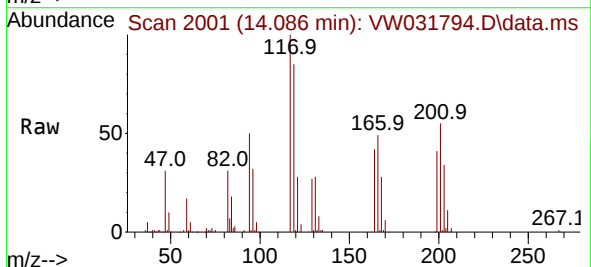
Acq: 10 Jul 2025 11:33

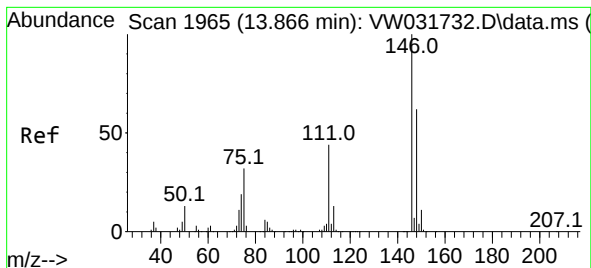
Tgt Ion: 117 Resp: 42207

Ion Ratio Lower Upper

117 100

201 60.8 31.1 93.3

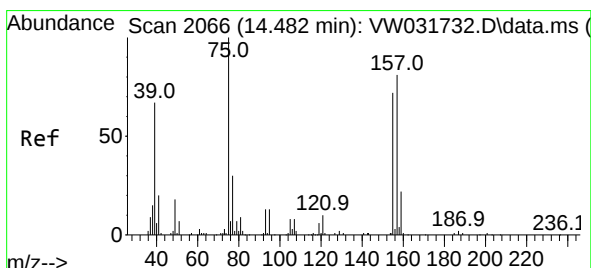
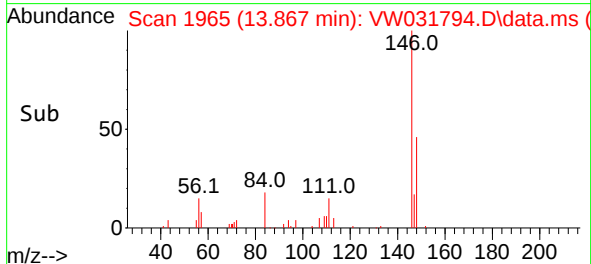
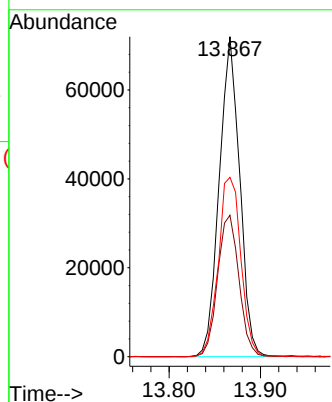
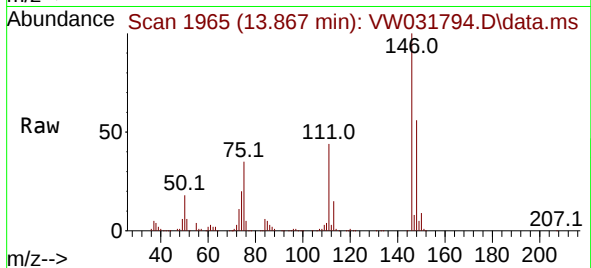




#91
1,2-Dichlorobenzene
Concen: 20.780 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

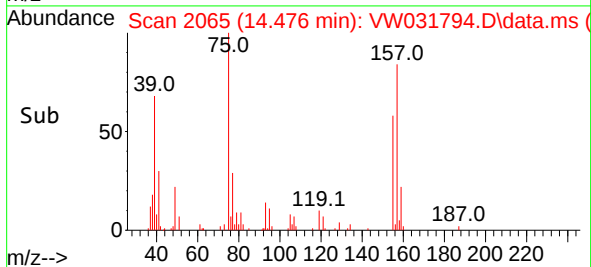
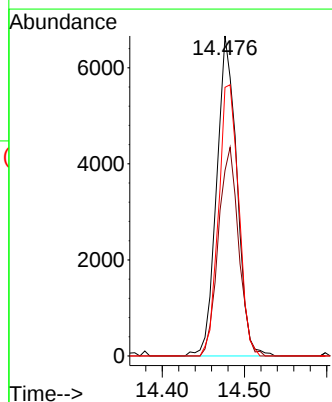
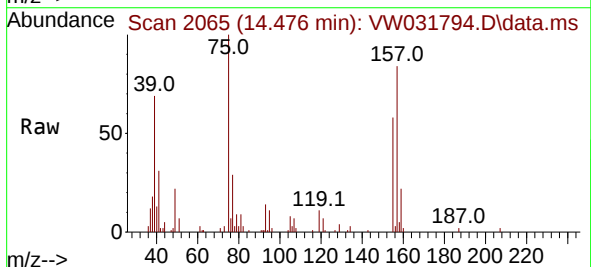
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS01

Tgt Ion:146 Resp: 112201
Ion Ratio Lower Upper
146 100
111 46.3 21.7 65.1
148 61.9 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.920 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion: 75 Resp: 11405
Ion Ratio Lower Upper
75 100
155 65.4 37.2 111.6
157 84.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.848 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS01

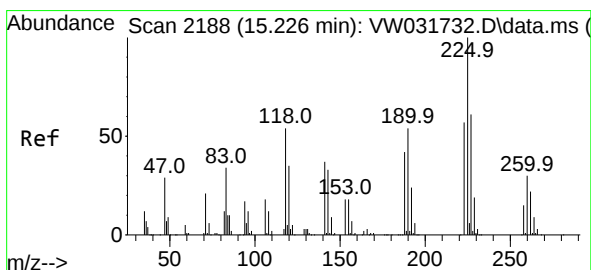
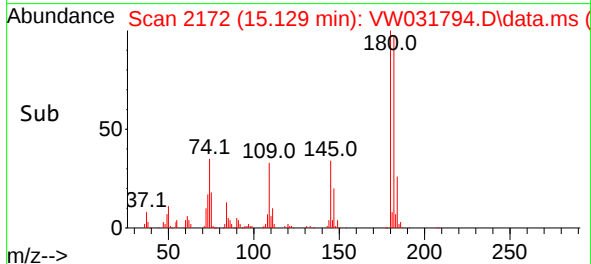
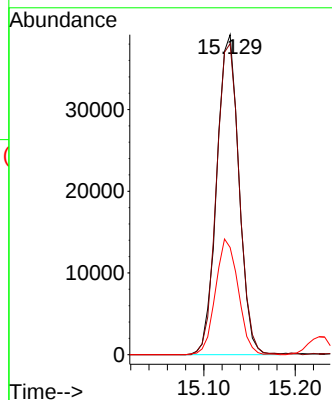
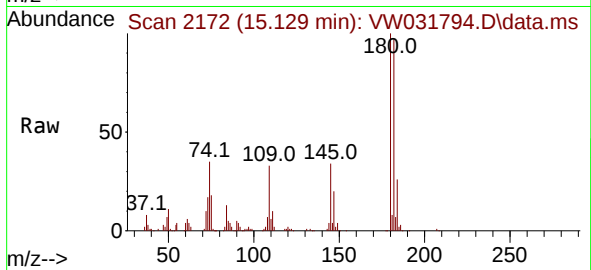
Tgt Ion:180 Resp: 66095

Ion Ratio Lower Upper

180 100

182 99.6 48.6 145.9

145 37.0 17.3 51.7



#94

Hexachlorobutadiene

Concen: 18.467 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031794.D

Acq: 10 Jul 2025 11:33

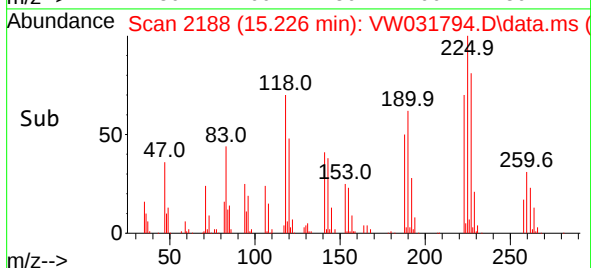
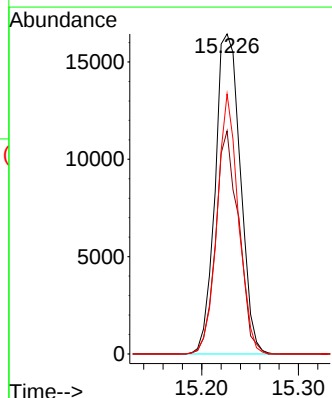
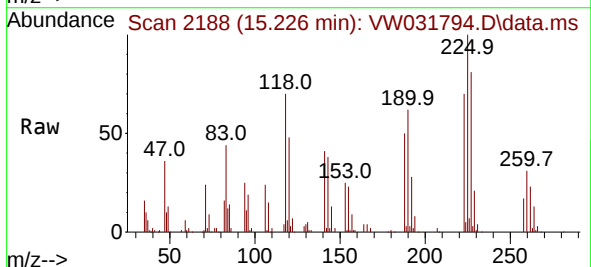
Tgt Ion:225 Resp: 29695

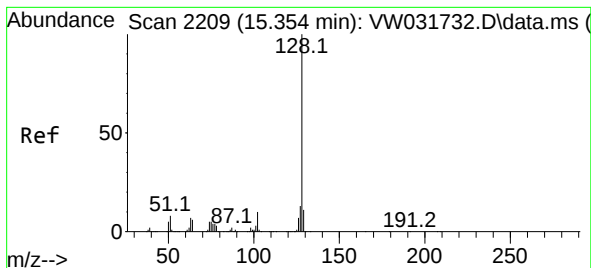
Ion Ratio Lower Upper

225 100

223 63.6 32.6 97.8

227 68.8 37.3 111.8

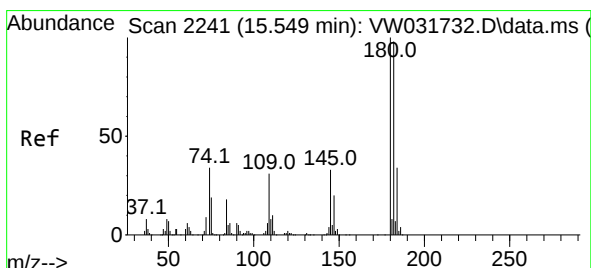
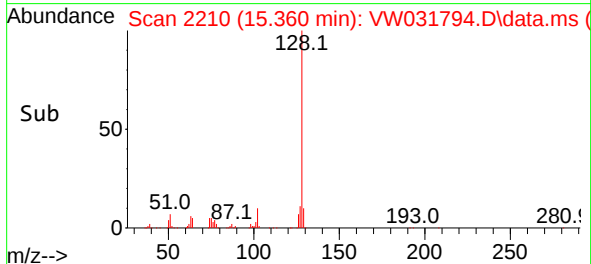
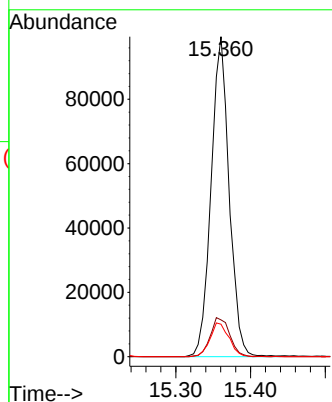
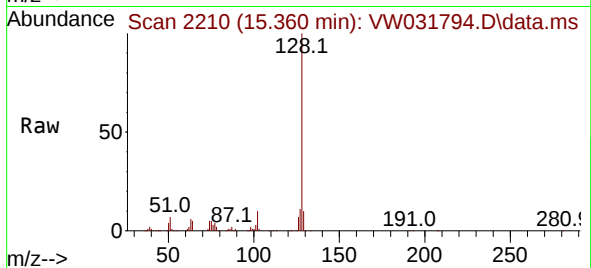




#95
Naphthalene
Concen: 20.472 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD01

Tgt Ion:128 Resp: 167135
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.452 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031794.D
Acq: 10 Jul 2025 11:33

Tgt Ion:180 Resp: 59518
Ion Ratio Lower Upper
180 100
182 100.4 46.4 139.1
145 38.1 17.8 53.3

