

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031903.D
 Acq On : 23 Jul 2025 11:10
 Operator : SY/MD
 Sample : VW0723SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

Quant Time: Jul 24 02:49:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	206266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	390321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	348197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151989	48.710	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.420%
35) Dibromofluoromethane	7.904	113	129240	48.728	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.460%
50) Toluene-d8	10.331	98	482855	48.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.617	95	185241	48.059	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	34634	22.592	ug/l	99
3) Chloromethane	2.259	50	41169	20.923	ug/l	97
4) Vinyl Chloride	2.405	62	54503	21.323	ug/l	95
5) Bromomethane	2.820	94	40344	21.435	ug/l	98
6) Chloroethane	2.972	64	35293	20.921	ug/l	98
7) Trichlorofluoromethane	3.308	101	60186	23.248	ug/l	97
8) Diethyl Ether	3.722	74	34157	19.752	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	51774	20.792	ug/l	99
10) Methyl Iodide	4.314	142	76673	20.594	ug/l	99
11) Tert butyl alcohol	5.228	59	20850	113.677	ug/l	98
12) 1,1-Dichloroethene	4.082	96	58002	21.089	ug/l	97
13) Acrolein	3.930	56	29951	112.413	ug/l	97
14) Allyl chloride	4.710	41	90956	21.244	ug/l	99
15) Acrylonitrile	5.405	53	82908	107.235	ug/l	99
16) Acetone	4.161	43	66308	89.554	ug/l	94
17) Carbon Disulfide	4.417	76	145093	20.341	ug/l	100
18) Methyl Acetate	4.716	43	48424	23.738	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	105801	22.264	ug/l	94
20) Methylene Chloride	4.948	84	66351	17.970	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	61107	20.940	ug/l	97
22) Diisopropyl ether	6.344	45	186236	21.738	ug/l	99
23) Vinyl Acetate	6.289	43	578846	103.418	ug/l	99
24) 1,1-Dichloroethane	6.246	63	116048	21.756	ug/l	100
25) 2-Butanone	7.197	43	106276	104.905	ug/l	97
26) 2,2-Dichloropropane	7.185	77	65298	21.623	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	73768	21.503	ug/l	97
28) Bromochloromethane	7.533	49	46984	21.037	ug/l	93
29) Tetrahydrofuran	7.557	42	71044	106.962	ug/l	98
30) Chloroform	7.691	83	120887	21.615	ug/l	97
31) Cyclohexane	7.972	56	99475	20.787	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	90706	21.313	ug/l	98
36) 1,1-Dichloropropene	8.093	75	84292	20.694	ug/l	100
37) Ethyl Acetate	7.277	43	47657	20.510	ug/l	99
38) Carbon Tetrachloride	8.087	117	80243	20.527	ug/l	94
39) Methylcyclohexane	9.343	83	106498	20.776	ug/l	100
40) Benzene	8.337	78	258389	21.430	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	29012	20.858	ug/l	98
42) 1,2-Dichloroethane	8.411	62	82389	21.350	ug/l	100
43) Isopropyl Acetate	8.441	43	85814	20.401	ug/l	99
44) Trichloroethene	9.105	130	61241	21.368	ug/l	92
45) 1,2-Dichloropropane	9.380	63	61945	21.332	ug/l	96
46) Dibromomethane	9.465	93	37949	21.082	ug/l	98
47) Bromodichloromethane	9.648	83	89788	20.802	ug/l	99
48) Methyl methacrylate	9.447	41	42554	21.264	ug/l	97
49) 1,4-Dioxane	9.465	88	9165	510.258	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	245660	106.713	ug/l	99
52) Toluene	10.392	92	163508	21.095	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	85663	20.689	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	98917	20.920	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	50801	21.246	ug/l	95
56) Ethyl methacrylate	10.648	69	70394	20.846	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89150	21.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	180973	104.334	ug/l	99
59) 2-Hexanone	10.971	43	167500	104.677	ug/l	98
60) Dibromochloromethane	11.130	129	59424	21.316	ug/l	96
61) 1,2-Dibromoethane	11.233	107	50482	21.367	ug/l	99
64) Tetrachloroethene	10.861	164	48364	21.067	ug/l	91
65) Chlorobenzene	11.660	112	179225	21.031	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	56256	21.294	ug/l	97
67) Ethyl Benzene	11.733	91	315965	21.102	ug/l	95
68) m/p-Xylenes	11.837	106	245177	43.497	ug/l	98
69) o-Xylene	12.166	106	112154	21.025	ug/l	99
70) Styrene	12.178	104	191929	21.132	ug/l	99
71) Bromoform	12.355	173	29556	20.456	ug/l #	99
73) Isopropylbenzene	12.465	105	288973	20.198	ug/l	98
74) N-amyl acetate	12.270	43	78848	20.386	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	61965	20.404	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	79359	34.859	ug/l #	100
77) Bromobenzene	12.745	156	62695	20.253	ug/l	98
78) n-propylbenzene	12.800	91	362877	20.651	ug/l	99
79) 2-Chlorotoluene	12.891	91	217672	20.748	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	246290	20.526	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	18386	18.646	ug/l	95
82) 4-Chlorotoluene	12.983	91	230091	20.905	ug/l	100
83) tert-Butylbenzene	13.202	119	209445	20.492	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	248628	20.472	ug/l	96
85) sec-Butylbenzene	13.379	105	311884	20.319	ug/l	99
86) p-Isopropyltoluene	13.495	119	253794	20.005	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	133908	20.781	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	133590	21.163	ug/l	99
89) n-Butylbenzene	13.818	91	255544	20.533	ug/l	99
90) Hexachloroethane	14.092	117	41908	19.103	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	115243	20.180	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10706	19.513	ug/l	99
93) 1,2,4-Trichlorobenzene	15.123	180	74458	21.620	ug/l	88
94) Hexachlorobutadiene	15.226	225	31291	19.174	ug/l	95
95) Naphthalene	15.360	128	174067	20.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	65987	21.147	ug/l	93

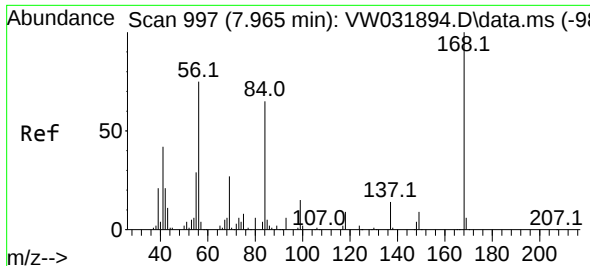
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031903.D
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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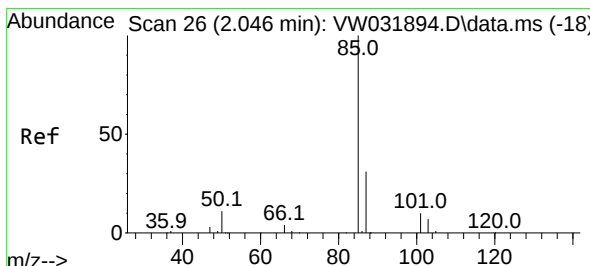
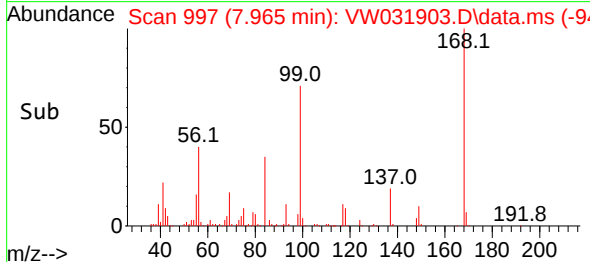
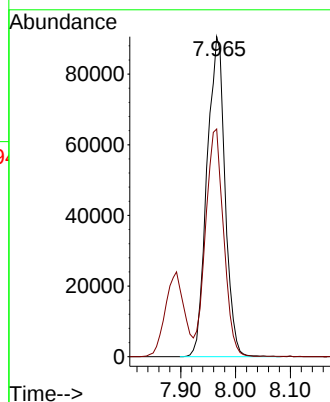
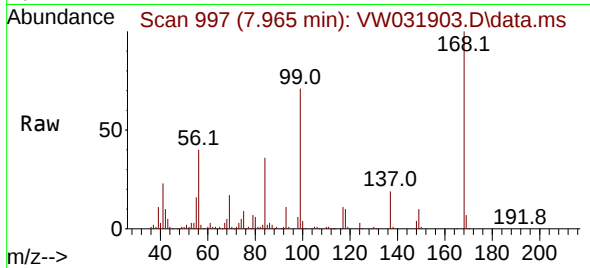
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

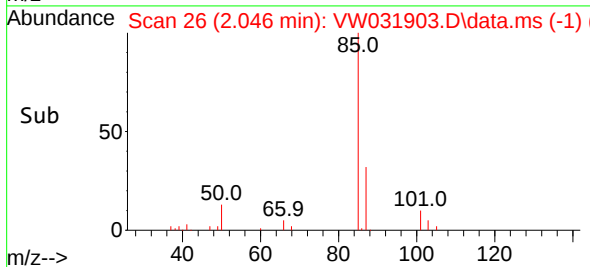
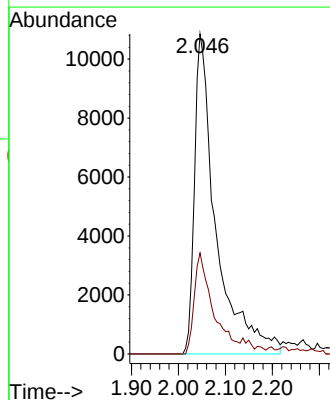
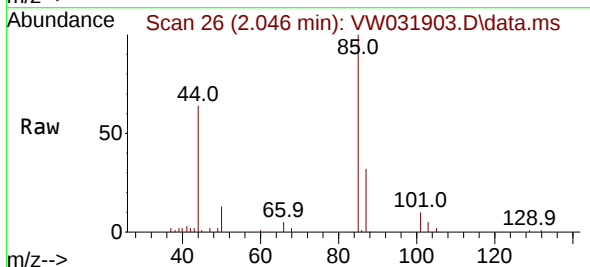
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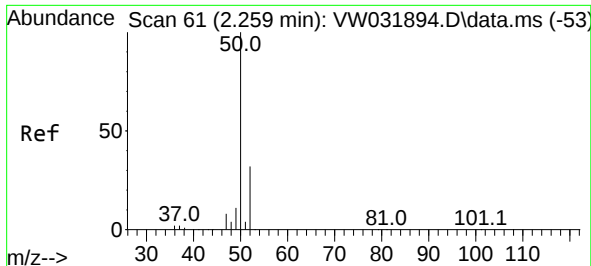
Tgt Ion:168 Resp: 206266
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 22.592 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 85 Resp: 34634
Ion Ratio Lower Upper
85 100
87 31.5 15.5 46.5

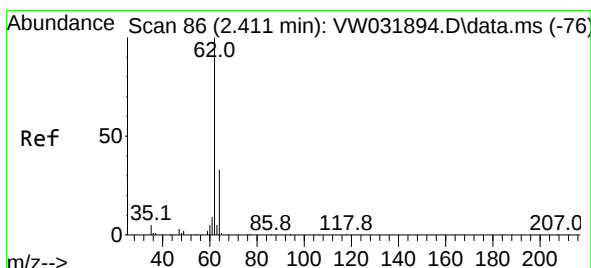
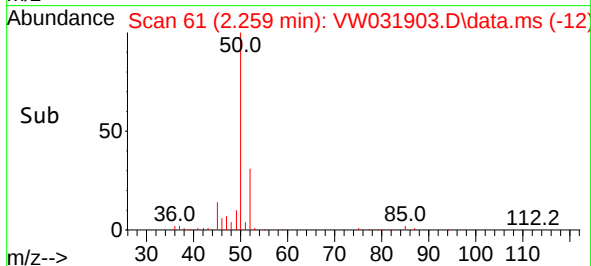
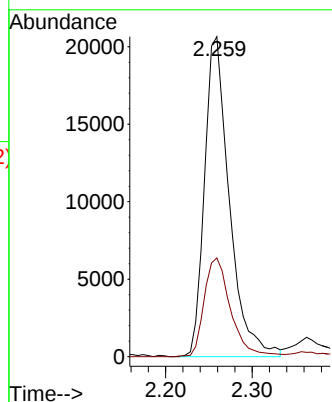
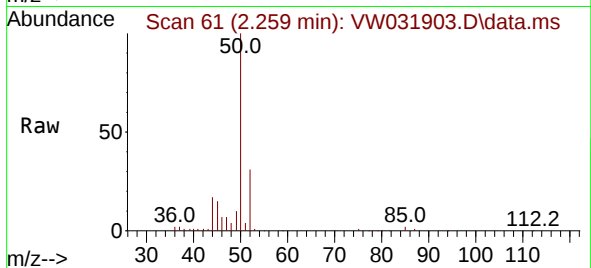




#3
Chloromethane
Concen: 20.923 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

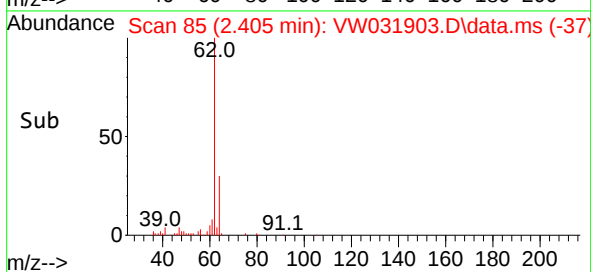
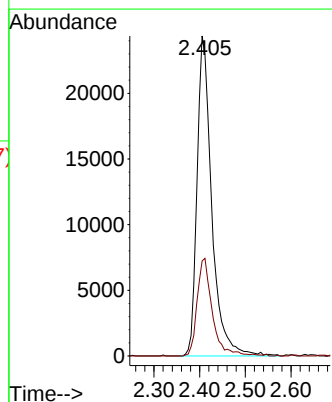
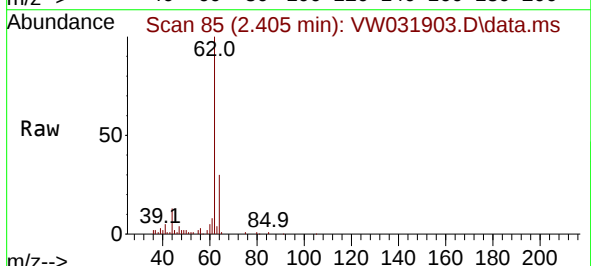
Instrument :
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ClientSampleId :
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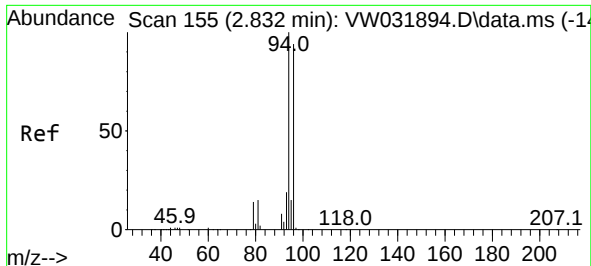
Tgt Ion: 50 Resp: 41169
Ion Ratio Lower Upper
50 100
52 30.6 25.7 38.5



#4
Vinyl Chloride
Concen: 21.323 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 62 Resp: 54503
Ion Ratio Lower Upper
62 100
64 29.7 26.2 39.2

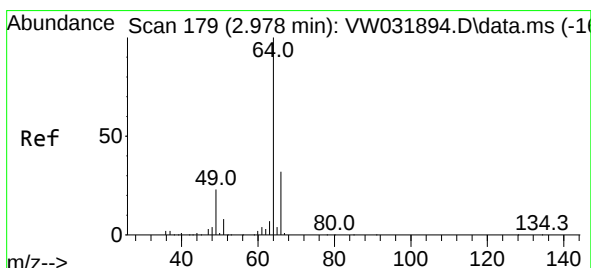
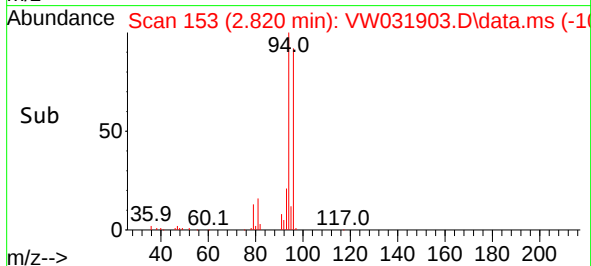
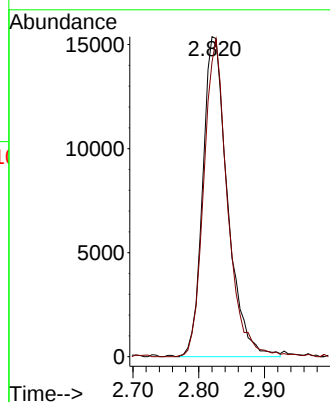
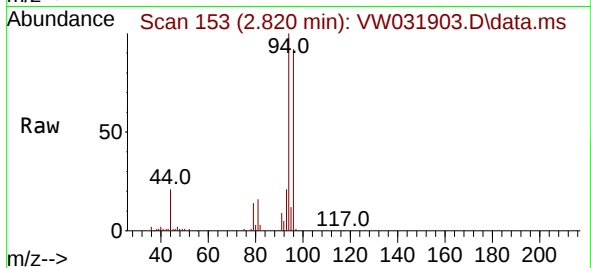




#5
Bromomethane
Concen: 21.435 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

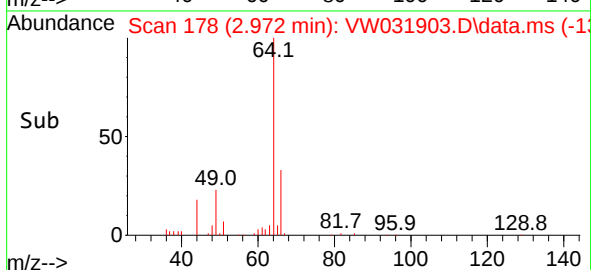
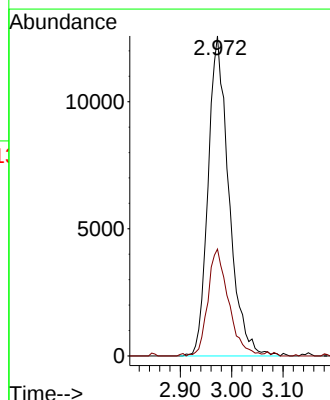
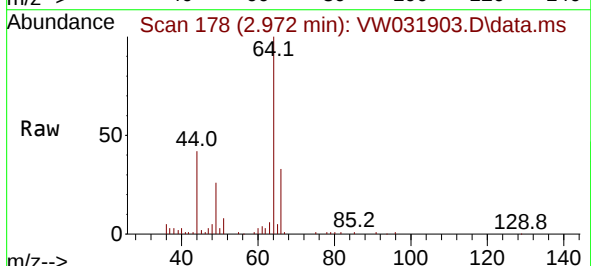
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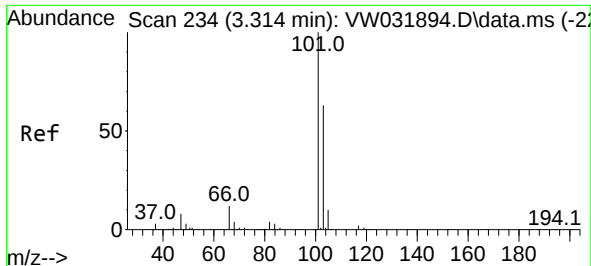
Tgt Ion: 94 Resp: 40344
Ion Ratio Lower Upper
94 100
96 91.7 75.0 112.6



#6
Chloroethane
Concen: 20.921 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 64 Resp: 35293
Ion Ratio Lower Upper
64 100
66 33.4 25.6 38.4

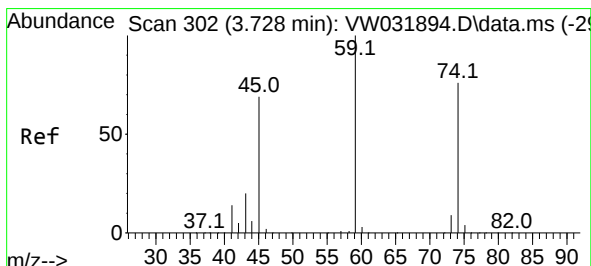
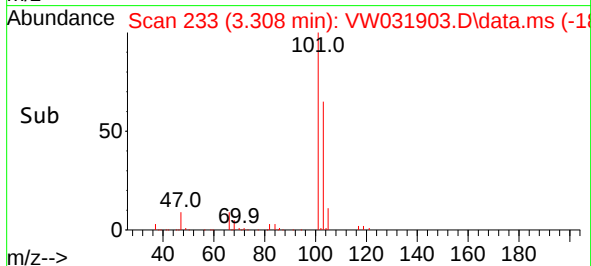
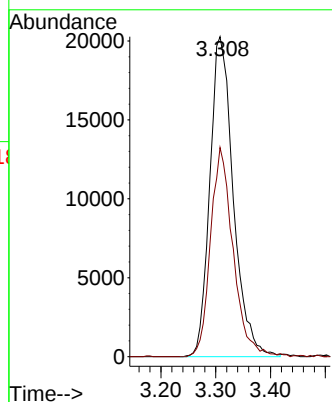
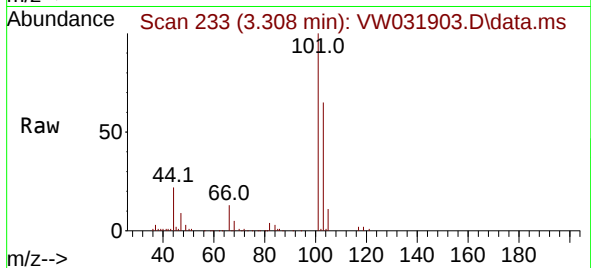




#7
 Trichlorofluoromethane
 Concen: 23.248 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031903.D
 Acq: 23 Jul 2025 11:10

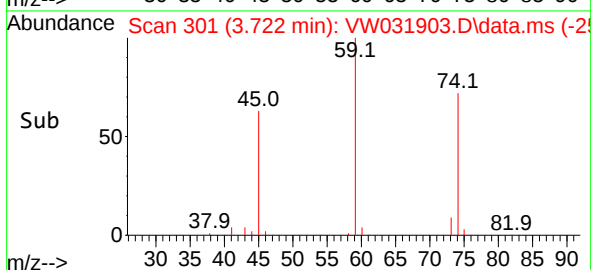
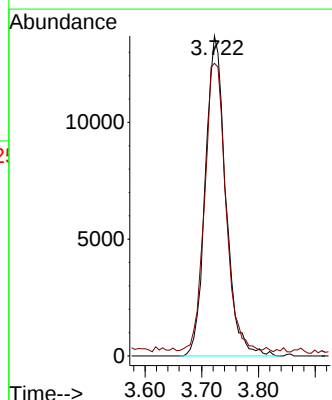
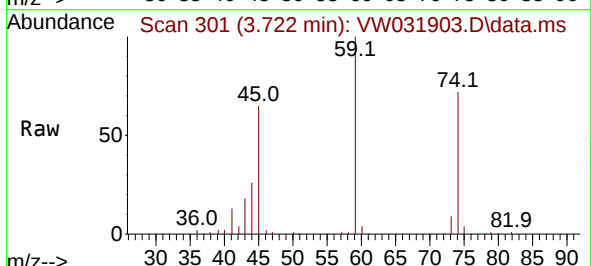
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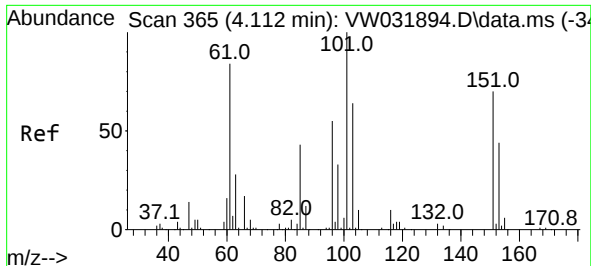
Tgt Ion:101 Resp: 60186
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.752 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031903.D
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Tgt Ion: 74 Resp: 34157
 Ion Ratio Lower Upper
 74 100
 45 93.0 45.5 136.5

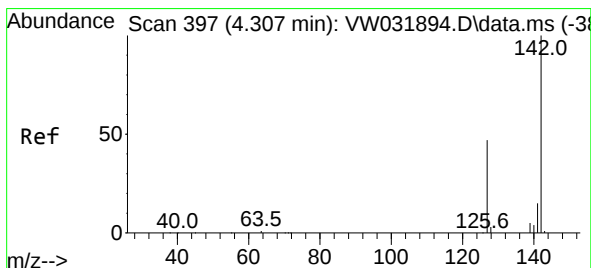
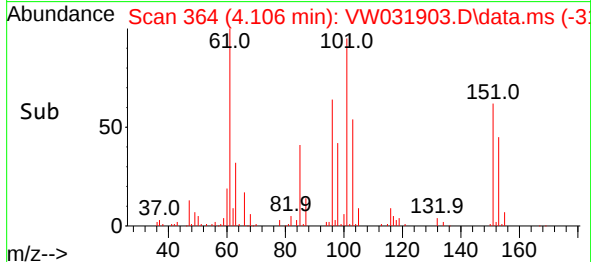
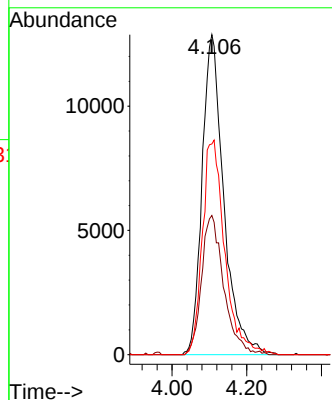
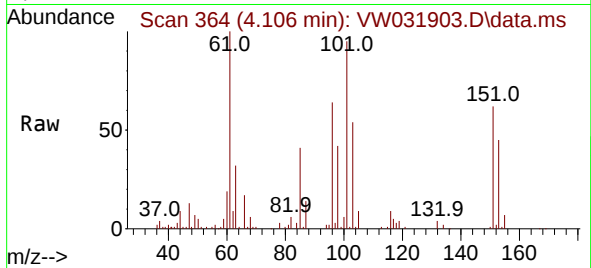




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.792 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW031903.D
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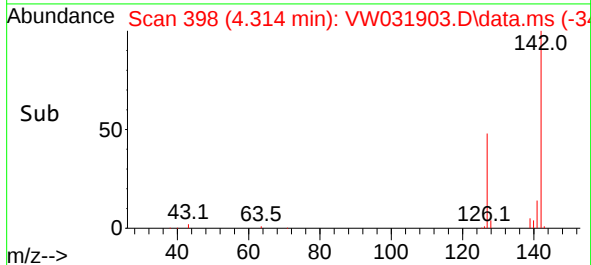
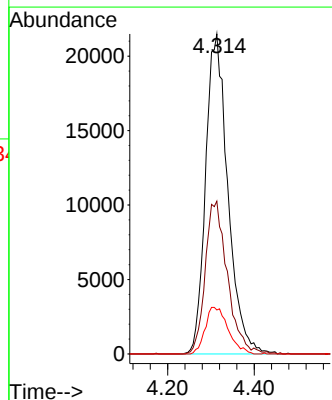
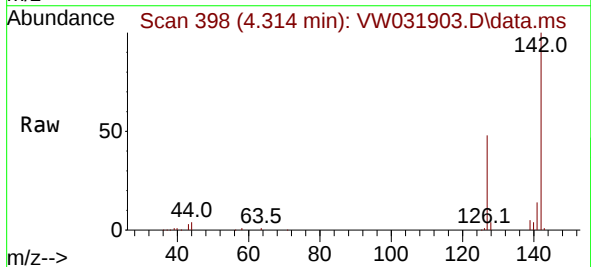
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

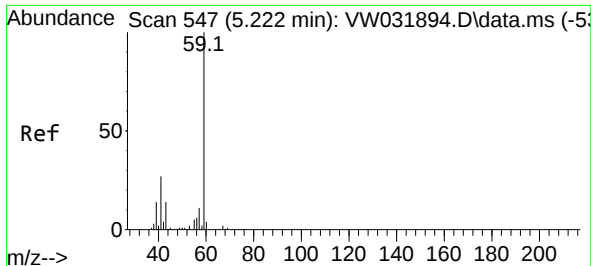
Tgt Ion:101 Resp: 51774
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 69.3 54.6 81.8



#10
Methyl Iodide
Concen: 20.594 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:142 Resp: 76673
Ion Ratio Lower Upper
142 100
127 47.7 37.4 56.2
141 15.0 11.9 17.9

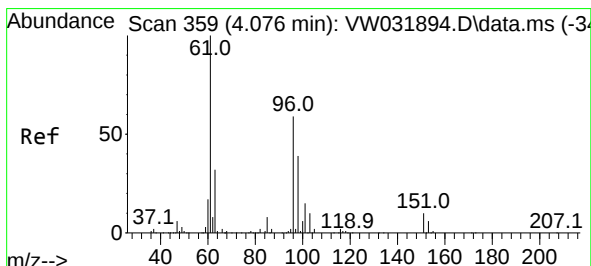
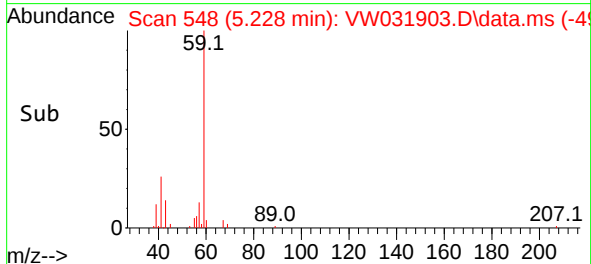
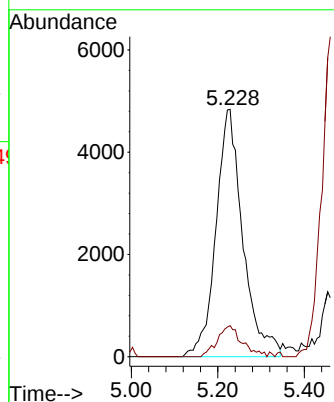
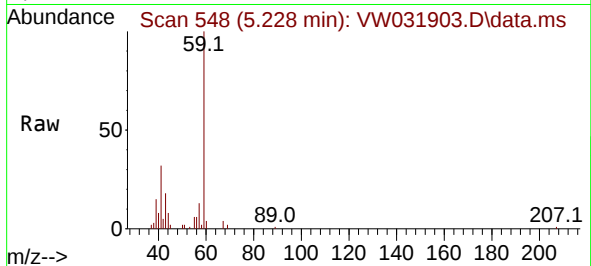




#11
Tert butyl alcohol
Concen: 113.677 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

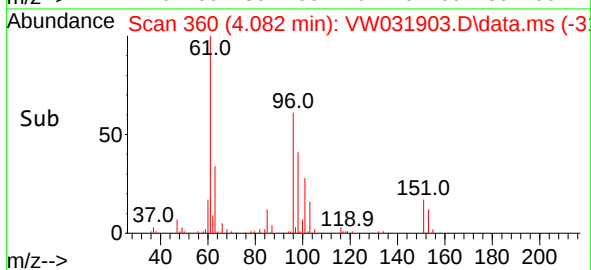
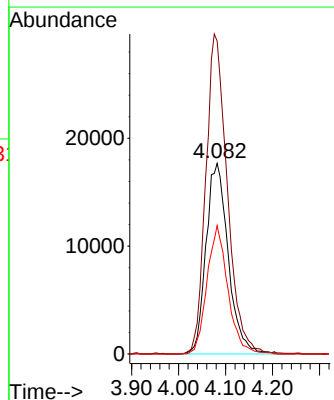
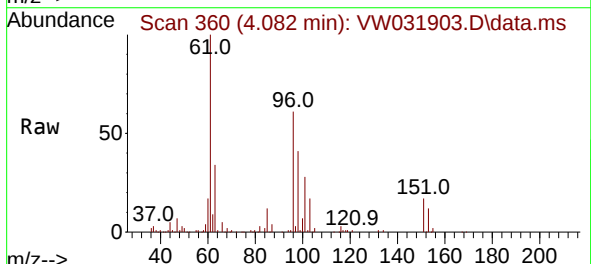
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

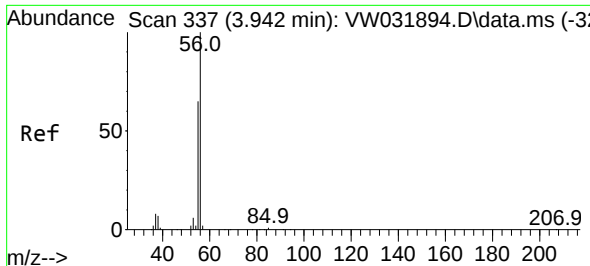
Tgt Ion: 59 Resp: 20850
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.089 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 96 Resp: 58002
Ion Ratio Lower Upper
96 100
61 164.1 135.0 202.6
98 67.4 52.3 78.5

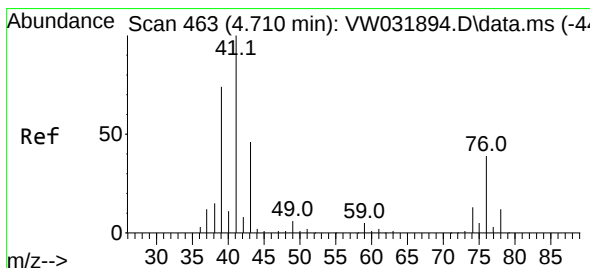
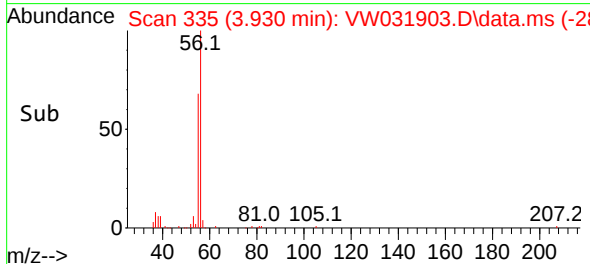
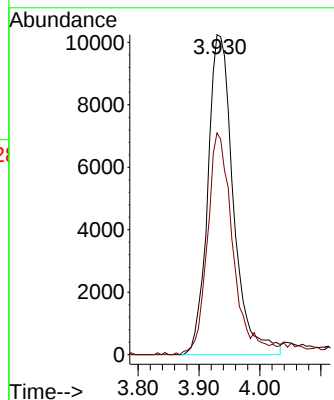
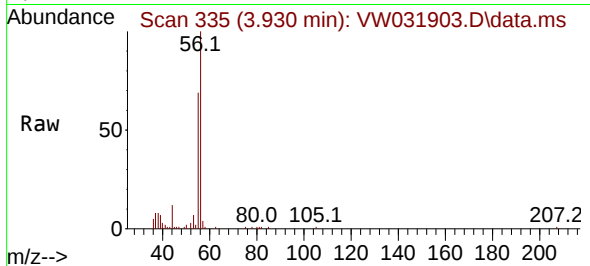




#13
Acrolein
Concen: 112.413 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

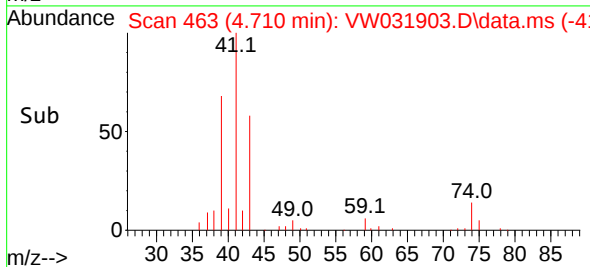
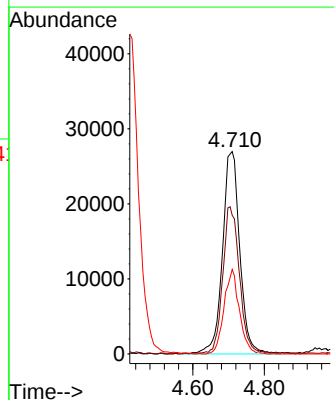
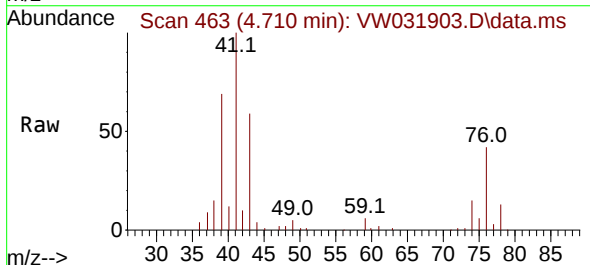
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

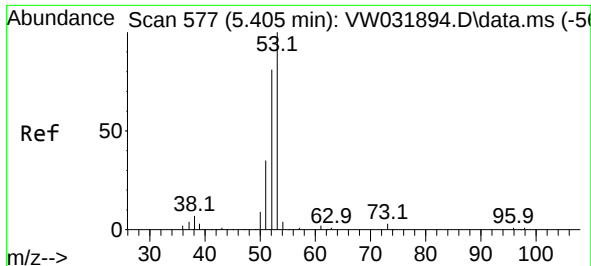
Tgt Ion: 56 Resp: 29951
Ion Ratio Lower Upper
56 100
55 68.8 56.7 85.1



#14
Allyl chloride
Concen: 21.244 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 41 Resp: 90956
Ion Ratio Lower Upper
41 100
39 70.5 56.6 85.0
76 37.0 30.1 45.1

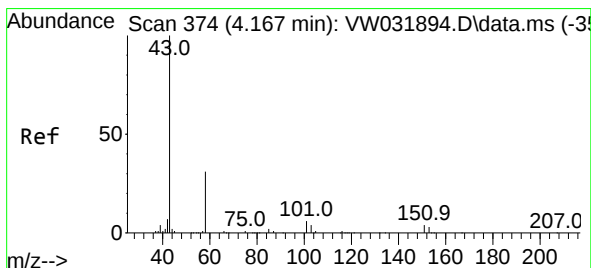
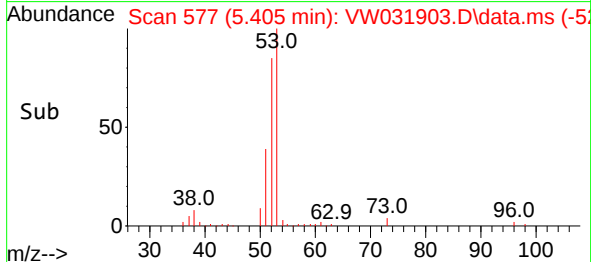
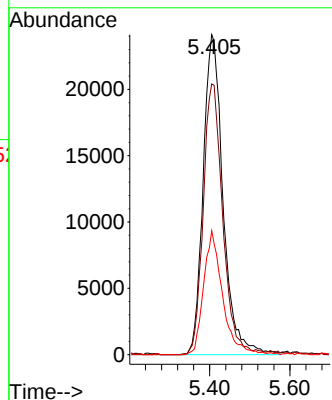
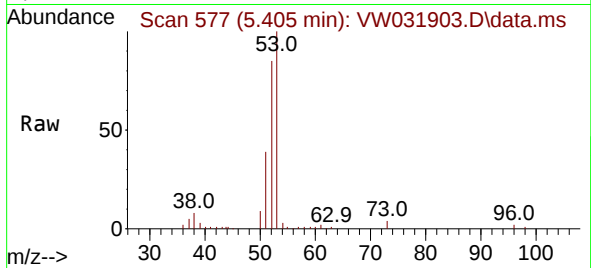




#15
Acrylonitrile
Concen: 107.235 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

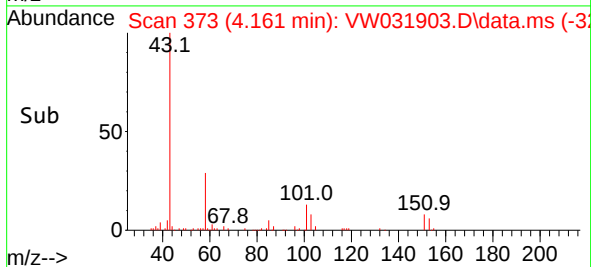
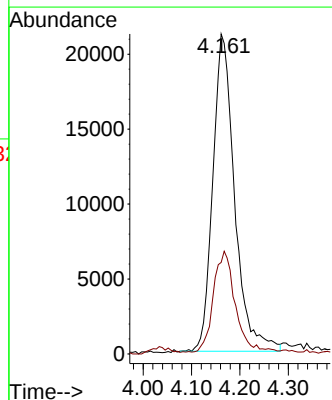
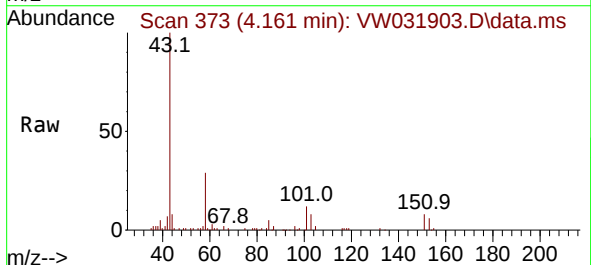
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

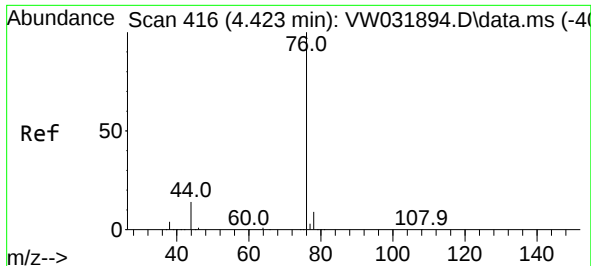
Tgt Ion:	53	Resp:	82908
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.0	100.4
51	36.8	29.9	44.9



#16
Acetone
Concen: 89.554 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:	43	Resp:	66308
Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.5	38.3

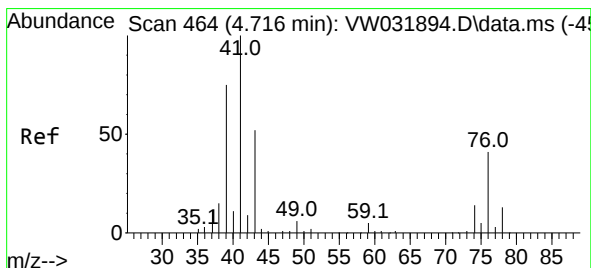
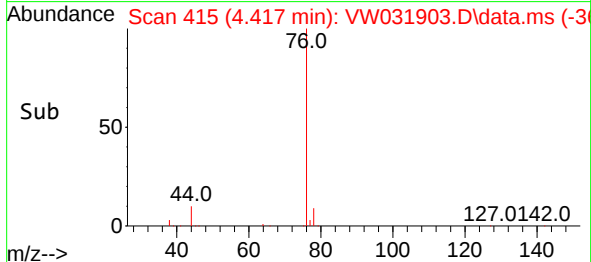
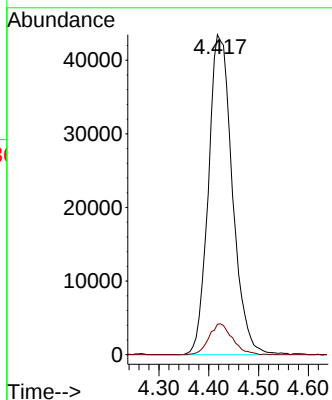
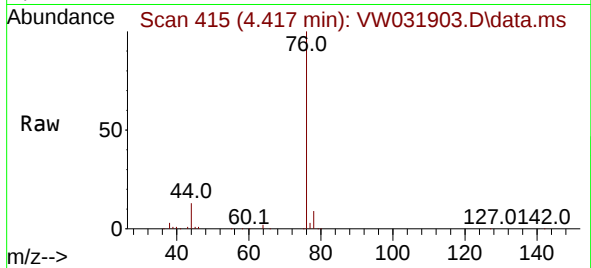




#17
Carbon Disulfide
Concen: 20.341 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

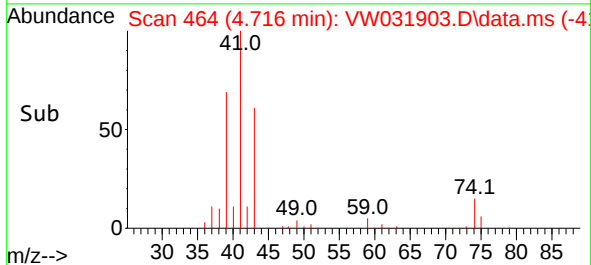
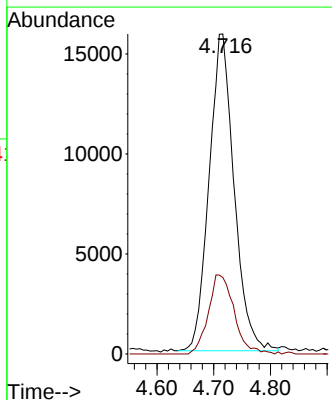
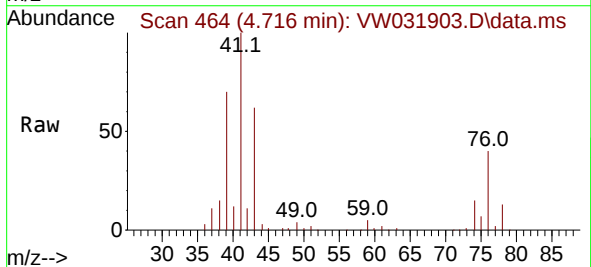
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

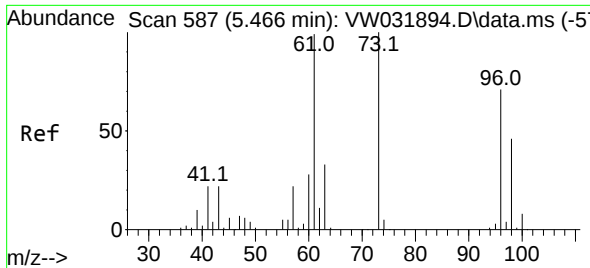
Tgt Ion: 76 Resp: 145093
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 23.738 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 43 Resp: 48424
Ion Ratio Lower Upper
43 100
74 25.7 20.6 31.0

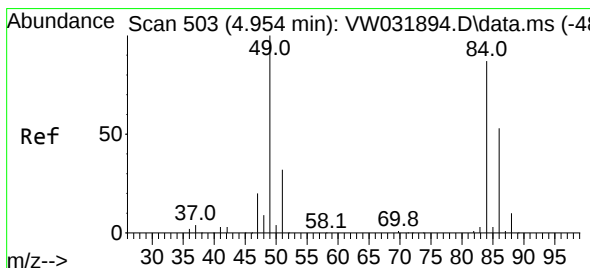
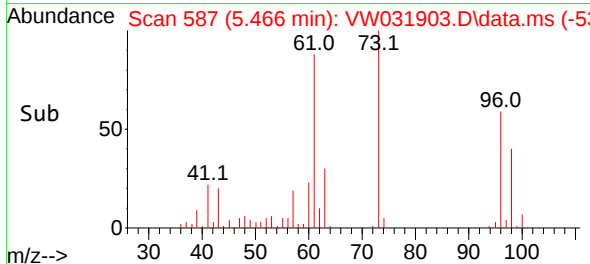
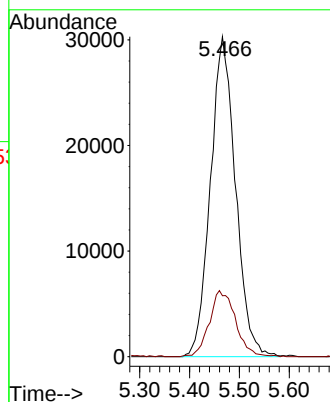
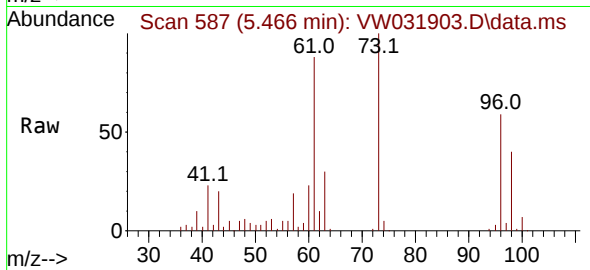




#19
Methyl tert-butyl Ether
Concen: 22.264 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

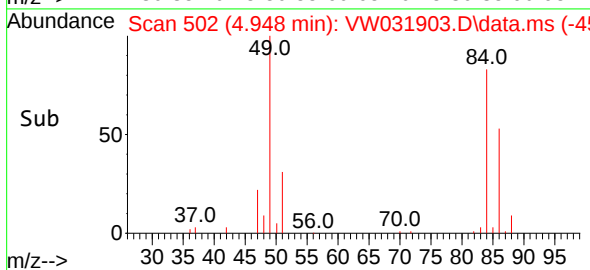
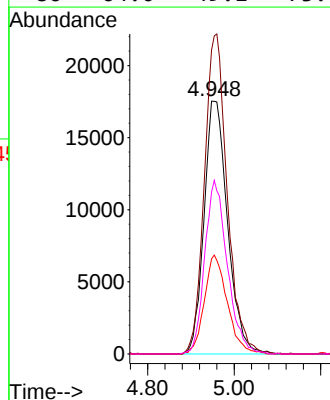
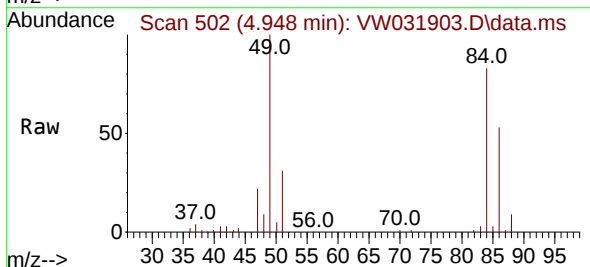
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

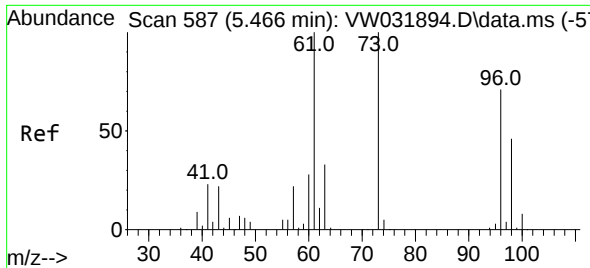
Tgt Ion: 73 Resp: 105801
Ion Ratio Lower Upper
73 100
57 19.1 17.5 26.3



#20
Methylene Chloride
Concen: 17.970 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 84 Resp: 66351
Ion Ratio Lower Upper
84 100
49 120.3 91.9 137.9
51 37.6 29.0 43.6
86 64.0 49.1 73.7

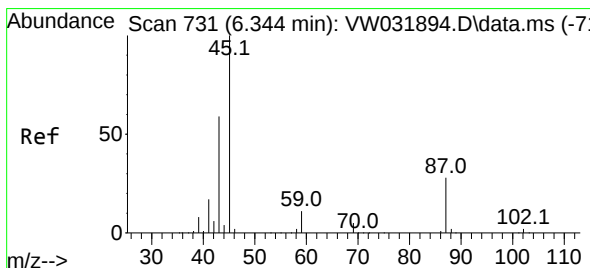
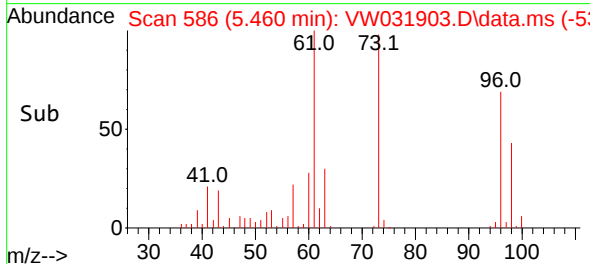
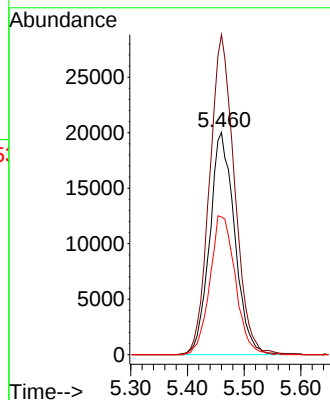
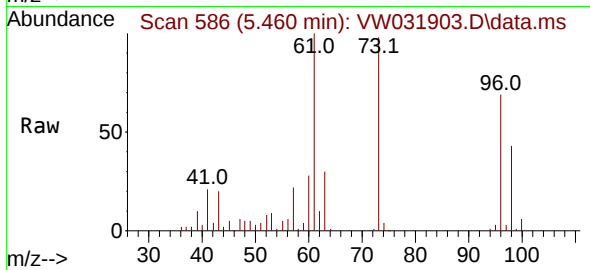




#21
trans-1,2-Dichloroethene
Concen: 20.940 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

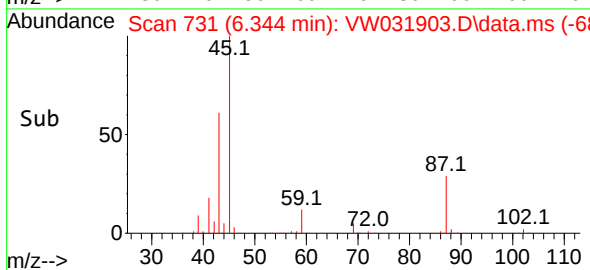
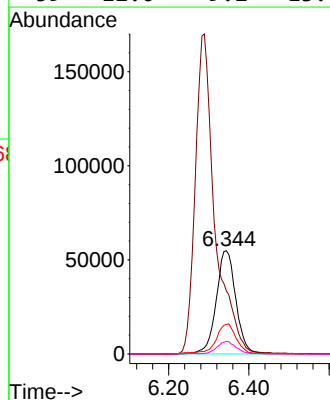
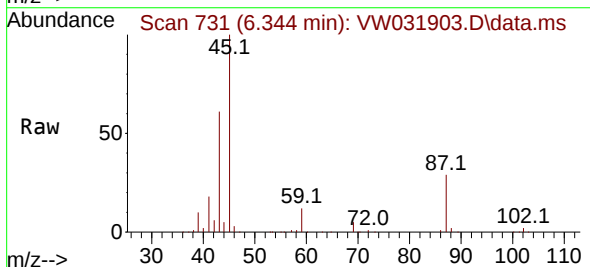
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

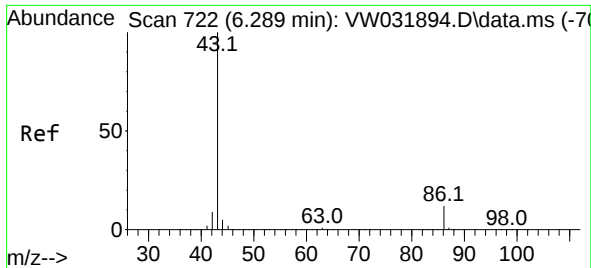
Tgt Ion: 96 Resp: 61107
Ion Ratio Lower Upper
96 100
61 143.6 112.8 169.2
98 62.0 51.9 77.9



#22
Diisopropyl ether
Concen: 21.738 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 45 Resp: 186236
Ion Ratio Lower Upper
45 100
43 60.2 47.0 70.6
87 28.6 22.8 34.2
59 12.0 9.2 13.8

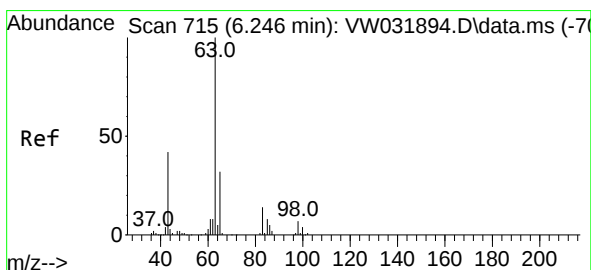
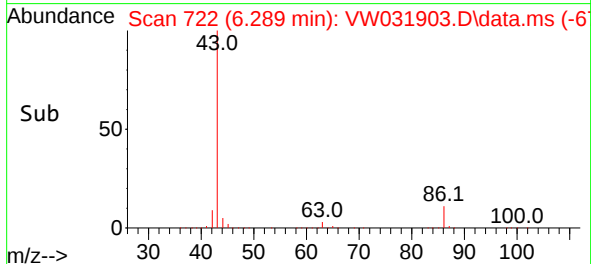
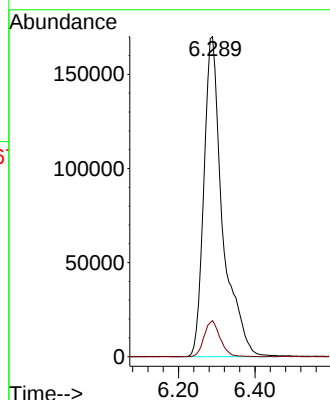
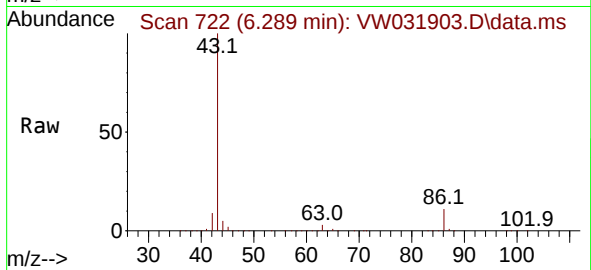




#23
 Vinyl Acetate
 Concen: 103.418 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031903.D
 Acq: 23 Jul 2025 11:10

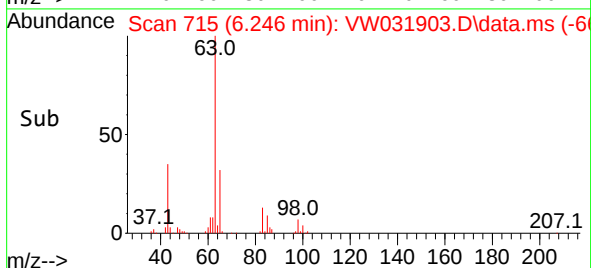
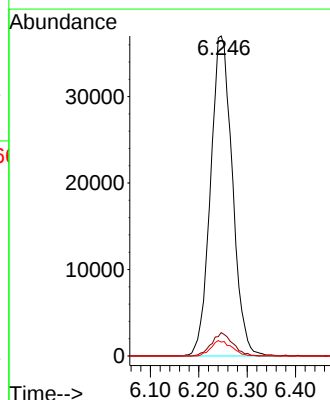
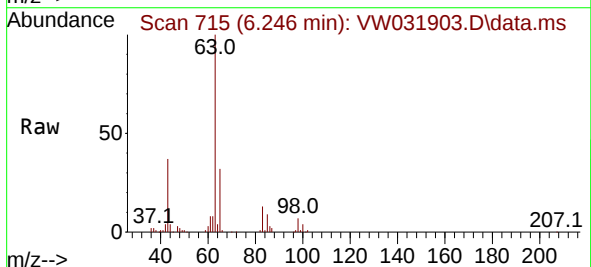
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

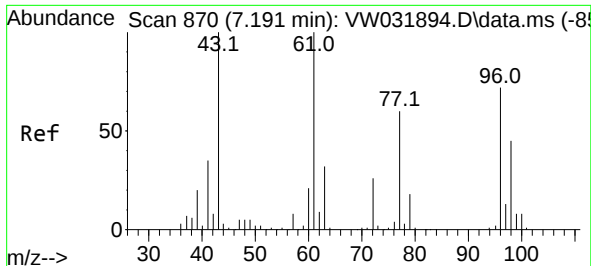
Tgt Ion: 43 Resp: 578846
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 21.756 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031903.D
 Acq: 23 Jul 2025 11:10

Tgt Ion: 63 Resp: 116048
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.3 2.2 6.6

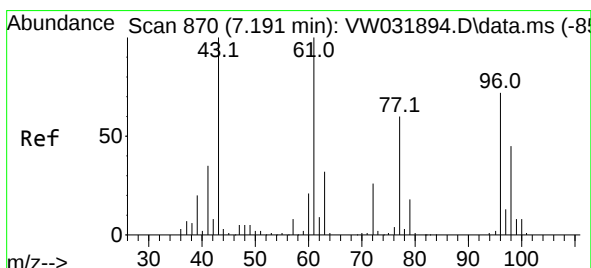
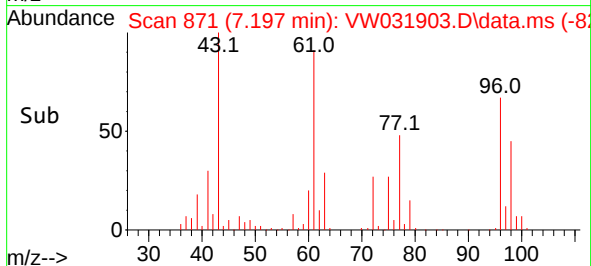
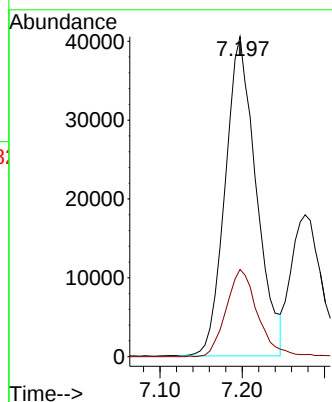
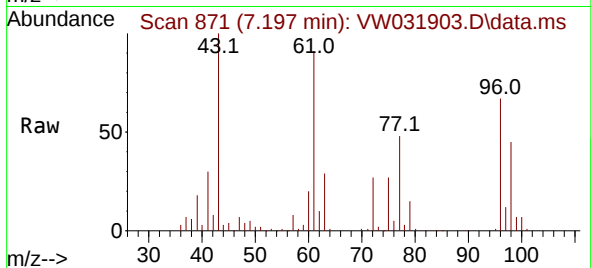




#25
2-Butanone
Concen: 104.905 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

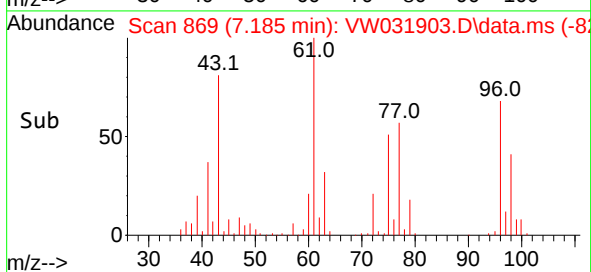
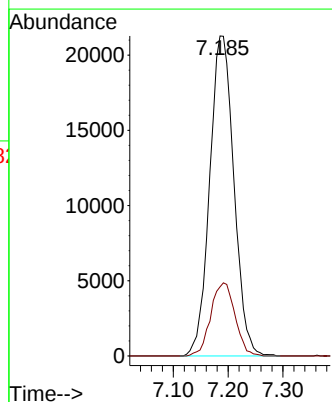
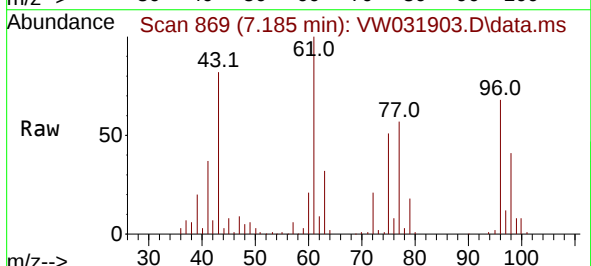
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

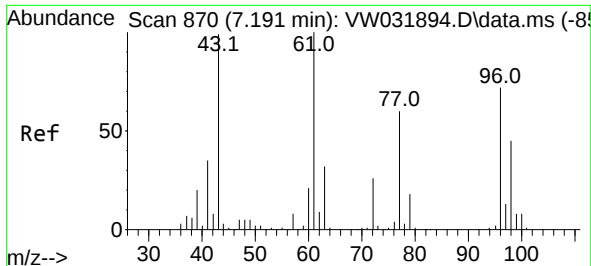
Tgt Ion: 43 Resp: 106276
Ion Ratio Lower Upper
43 100
72 27.3 20.8 31.2



#26
2,2-Dichloropropane
Concen: 21.623 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 77 Resp: 65298
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.503 ug/l

RT: 7.197 min Scan# 870

Delta R.T. 0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

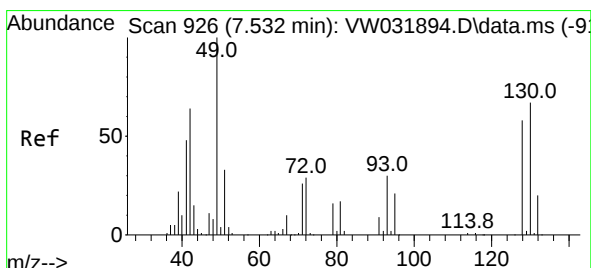
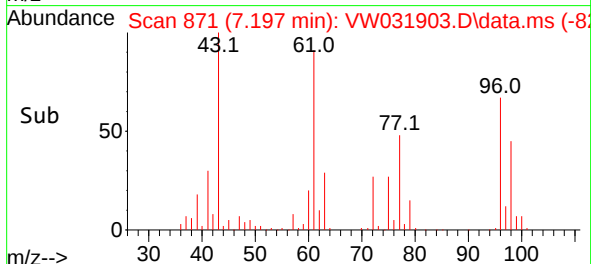
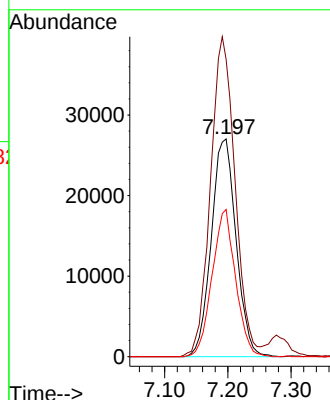
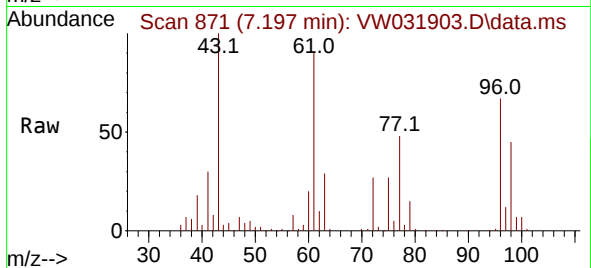
Tgt Ion: 96 Resp: 73768

Ion Ratio Lower Upper

96 100

61 145.2 0.0 280.2

98 63.9 0.0 126.8



#28

Bromochloromethane

Concen: 21.037 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

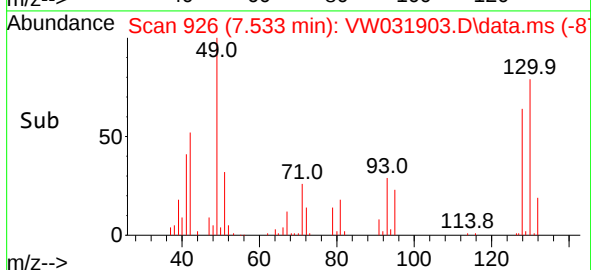
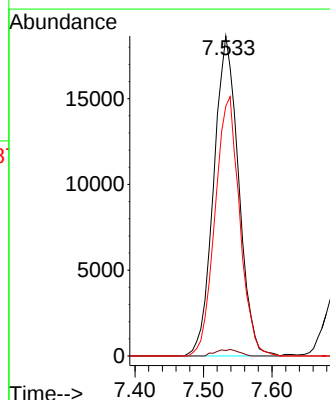
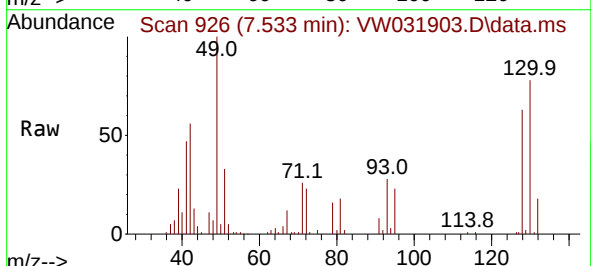
Tgt Ion: 49 Resp: 46984

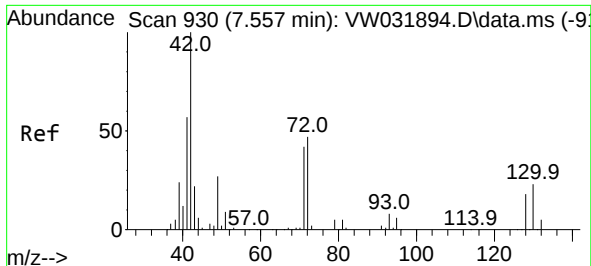
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 80.1 59.0 88.4





#29

Tetrahydrofuran

Concen: 106.962 ug/l

RT: 7.557 min Scan# 910

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

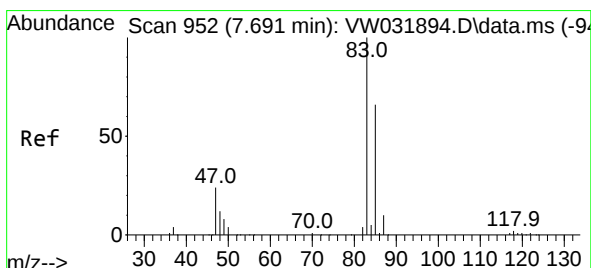
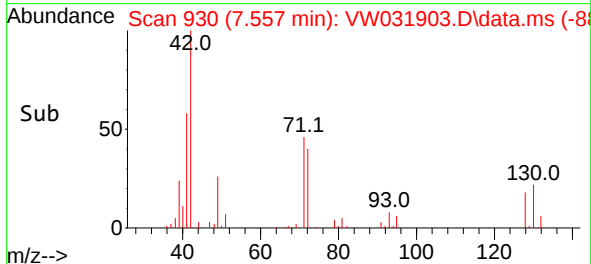
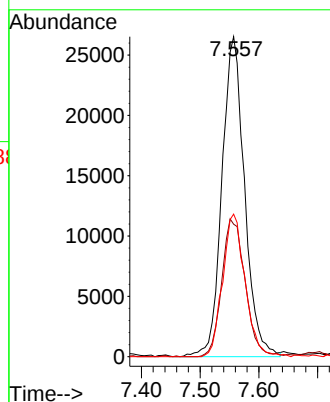
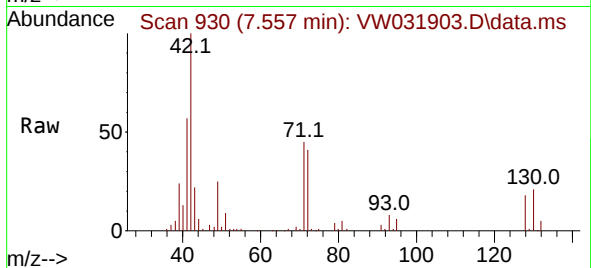
Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tgt Ion: 42	Resp: 71044
Ion Ratio	Lower Upper
42	100
72	44.4 37.0 55.6
71	44.1 34.5 51.7



#30

Chloroform

Concen: 21.615 ug/l

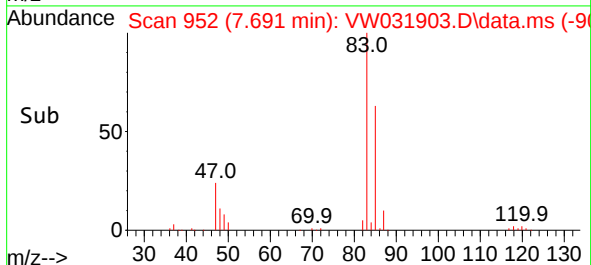
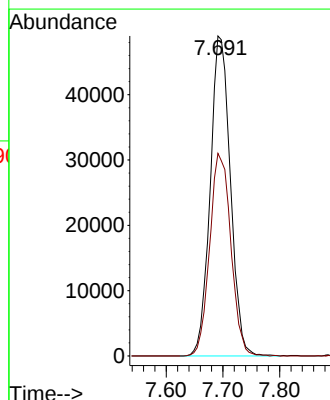
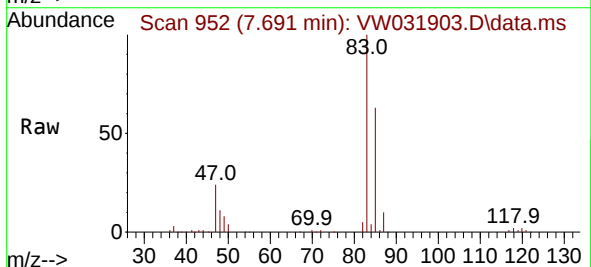
RT: 7.691 min Scan# 952

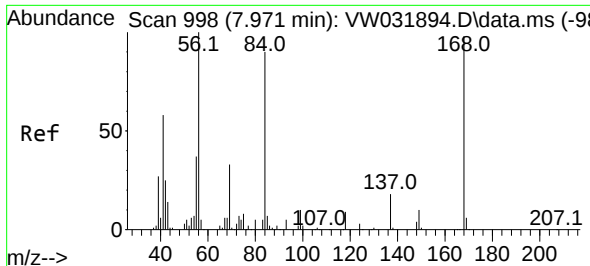
Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Tgt Ion: 83	Resp: 120887
Ion Ratio	Lower Upper
83	100
85	63.3 52.6 78.8

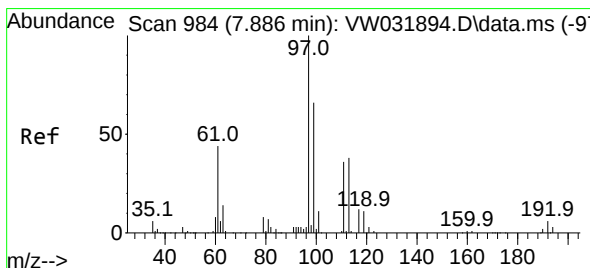
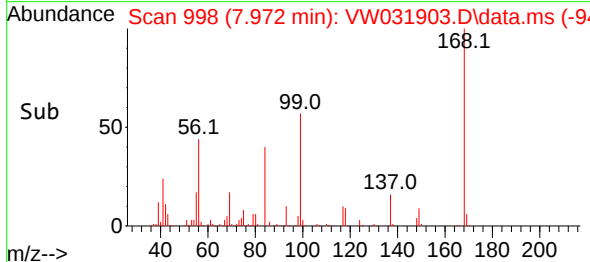
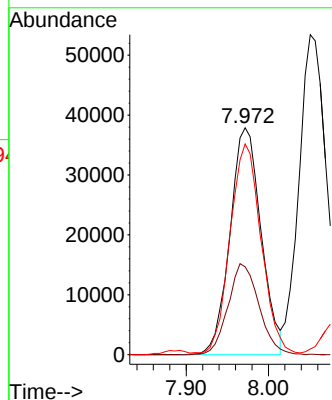
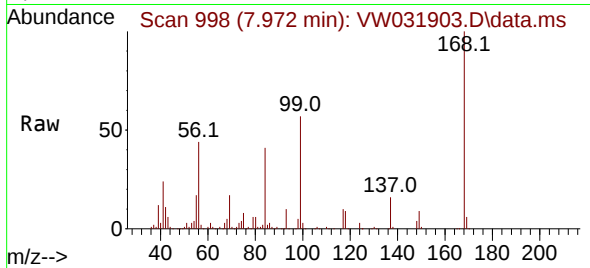




#31
Cyclohexane
Concen: 20.787 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

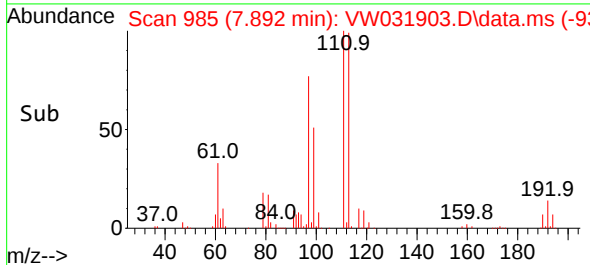
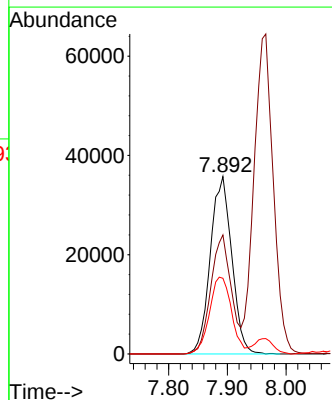
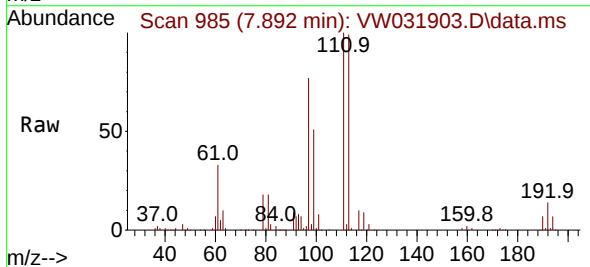
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

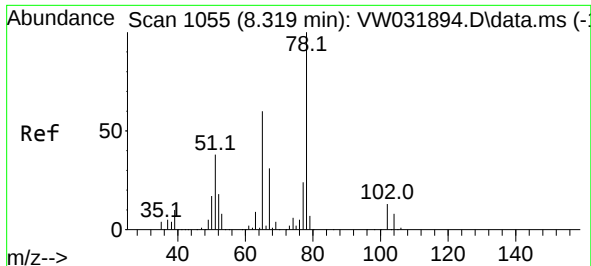
Tgt Ion:	56	Resp:	99475
Ion Ratio	Lower	Upper	
56	100		
69	38.7	26.7	40.1
84	91.0	71.8	107.6



#32
1,1,1-Trichloroethane
Concen: 21.313 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:	97	Resp:	90706
Ion Ratio	Lower	Upper	
97	100		
99	64.2	53.0	79.4
61	44.9	35.4	53.0

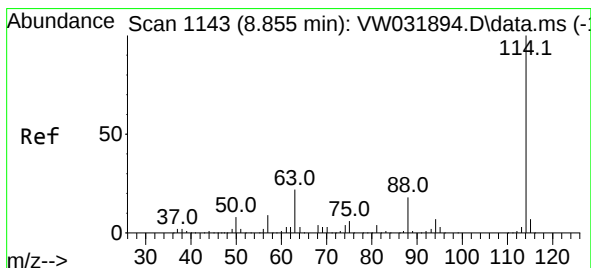
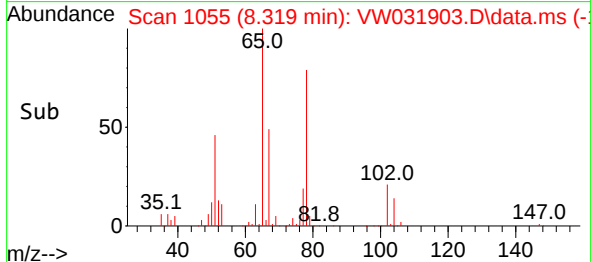
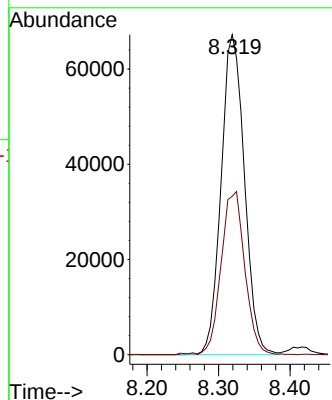
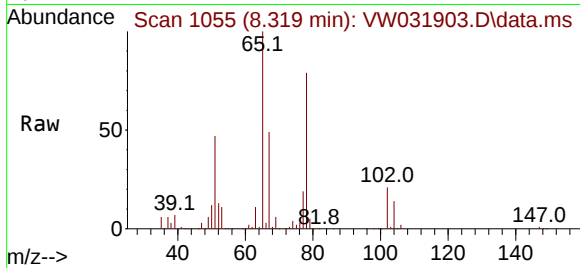




#33
 1,2-Dichloroethane-d4
 Concen: 48.710 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031903.D
 Acq: 23 Jul 2025 11:10

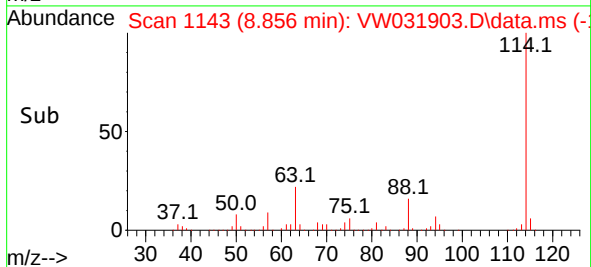
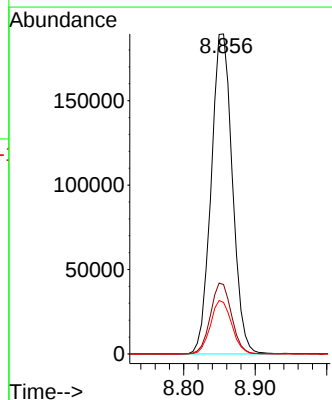
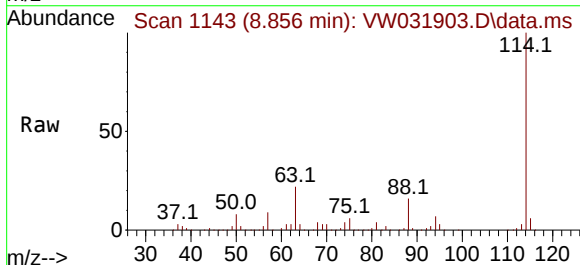
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

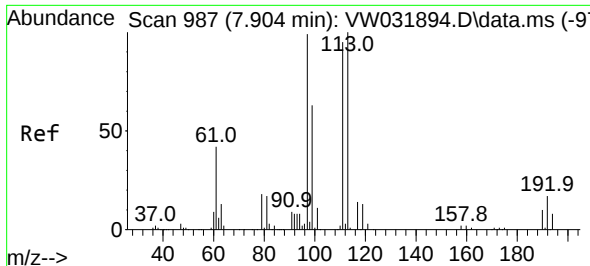
Tgt Ion: 65 Resp: 151989
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW031903.D
 Acq: 23 Jul 2025 11:10

Tgt Ion: 114 Resp: 390321
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 16.1 0.0 35.6

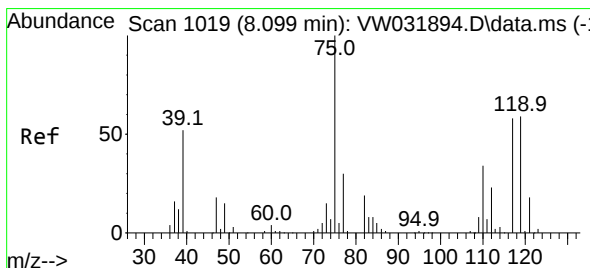
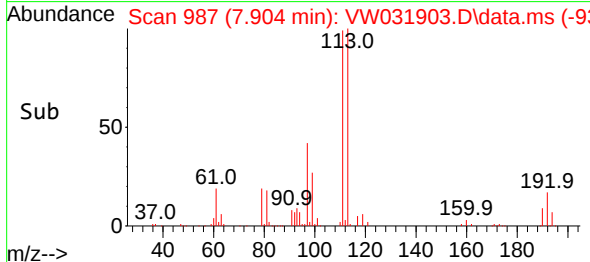
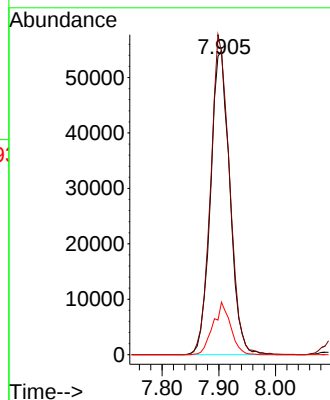
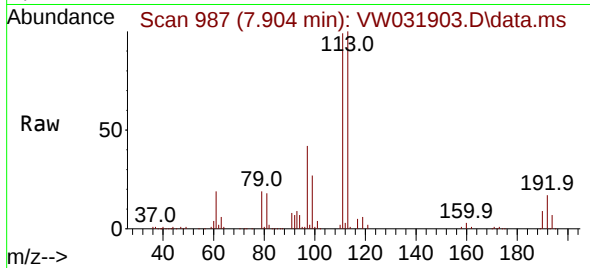




#35
 Dibromofluoromethane
 Concen: 48.728 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031903.D
 Acq: 23 Jul 2025 11:10

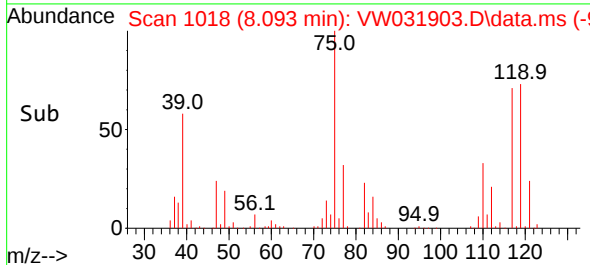
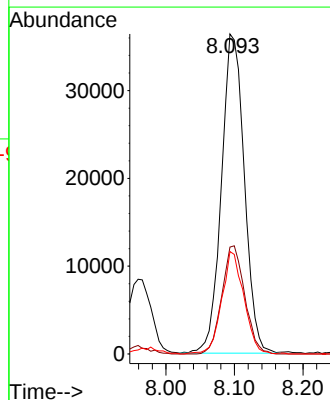
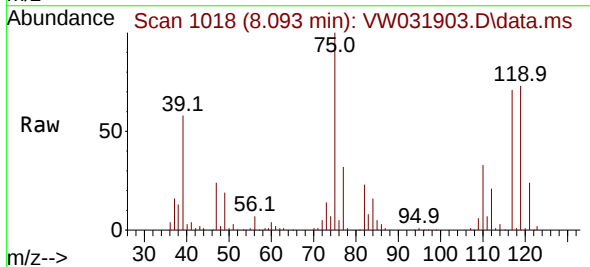
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBSD01

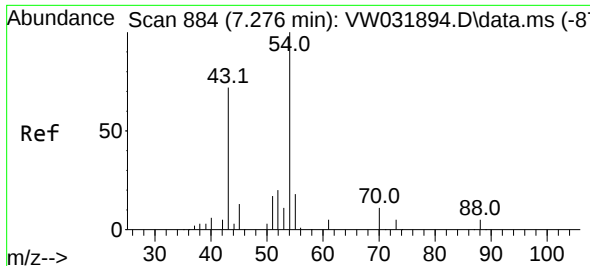
Tgt Ion:113 Resp: 129240
 Ion Ratio Lower Upper
 113 100
 111 103.8 79.9 119.9
 192 15.8 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 20.694 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031903.D
 Acq: 23 Jul 2025 11:10

Tgt Ion: 75 Resp: 84292
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.0 50.9
 77 31.0 25.1 37.7

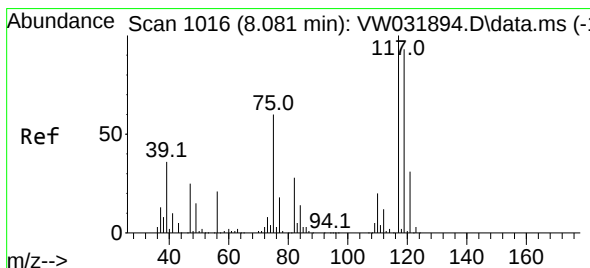
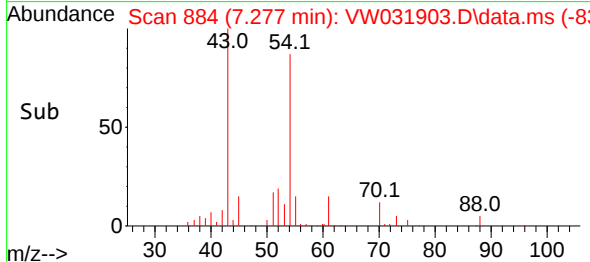
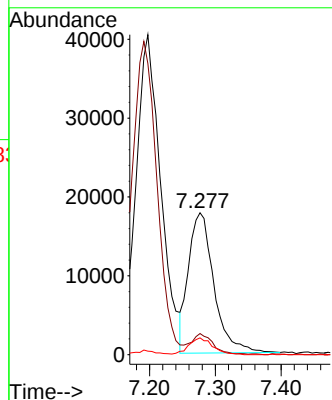
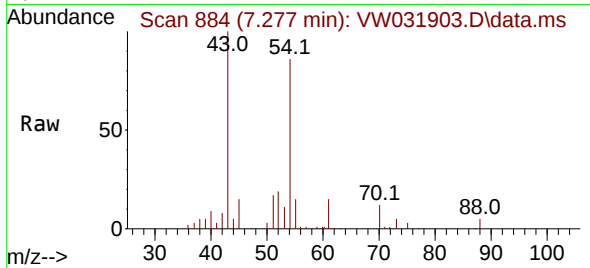




#37
Ethyl Acetate
Concen: 20.510 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

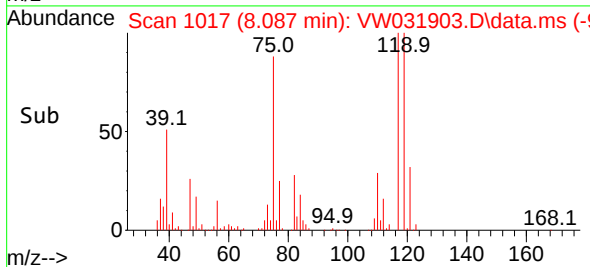
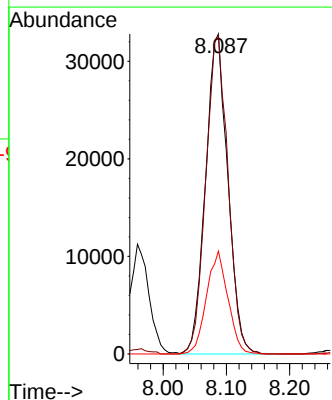
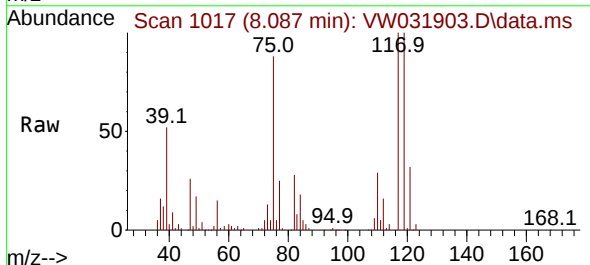
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

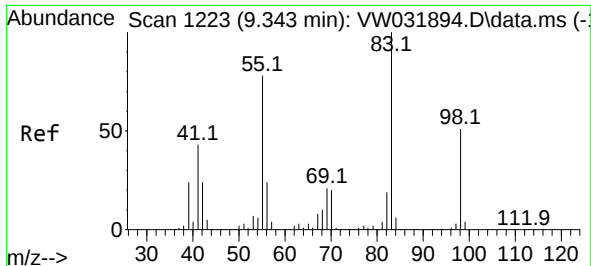
Tgt Ion: 43	Resp: 47657
Ion Ratio	Lower Upper
43 100	
61 12.4	10.6 15.8
70 11.2	9.0 13.4



#38
Carbon Tetrachloride
Concen: 20.527 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:117	Resp:	80243	
Ion	Ratio	Lower	Upper
117	100		
119	99.5	74.3	111.5
121	32.2	24.6	37.0





#39

Methylcyclohexane

Concen: 20.776 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

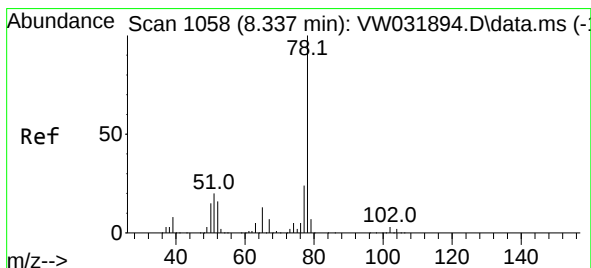
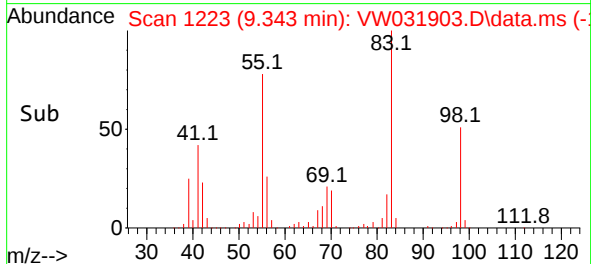
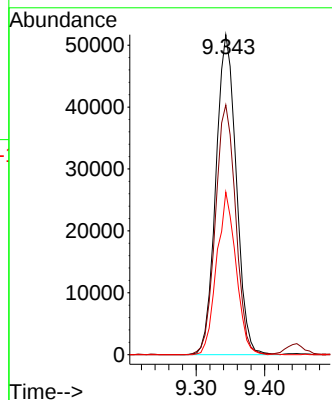
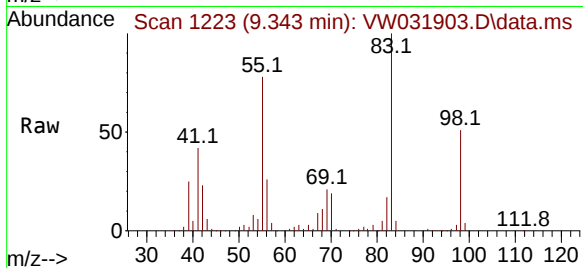
Tgt Ion: 83 Resp: 106498

Ion Ratio Lower Upper

83 100

55 78.1 62.5 93.7

98 50.8 40.6 61.0



#40

Benzene

Concen: 21.430 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031903.D

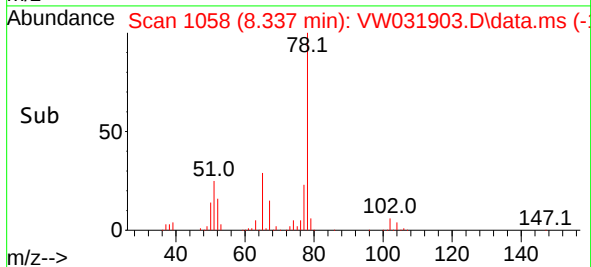
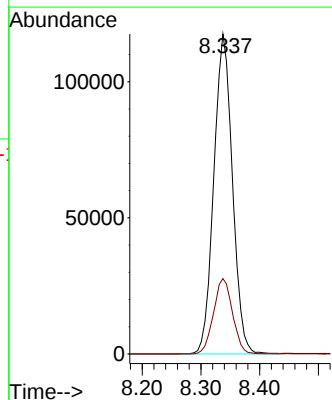
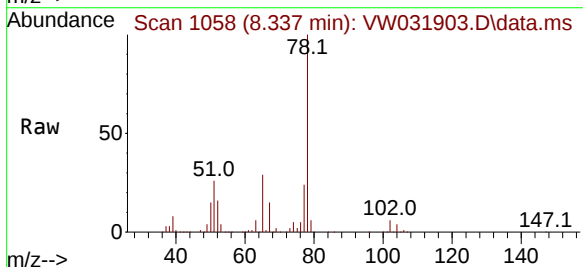
Acq: 23 Jul 2025 11:10

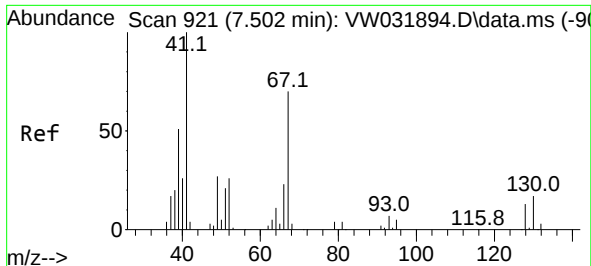
Tgt Ion: 78 Resp: 258389

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

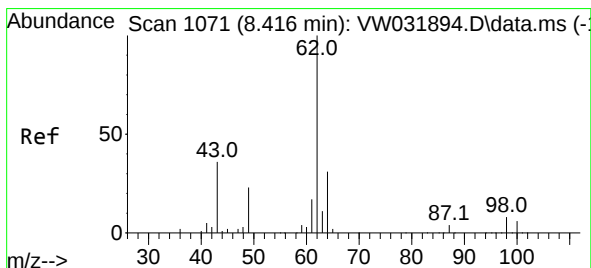
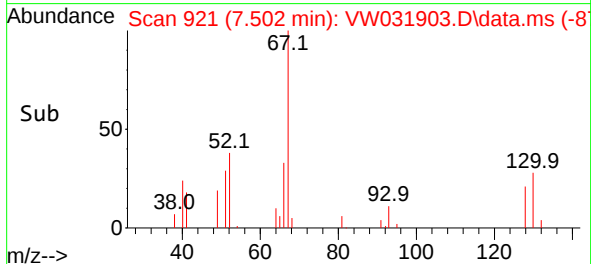
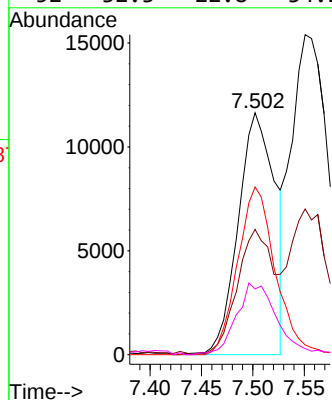
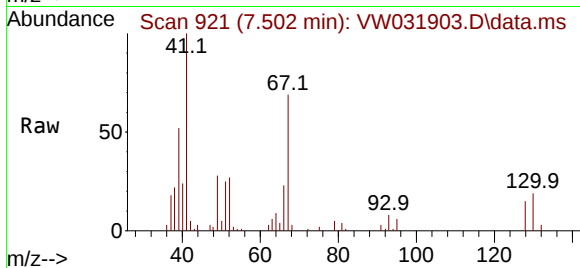




#41
Methacrylonitrile
Concen: 20.858 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

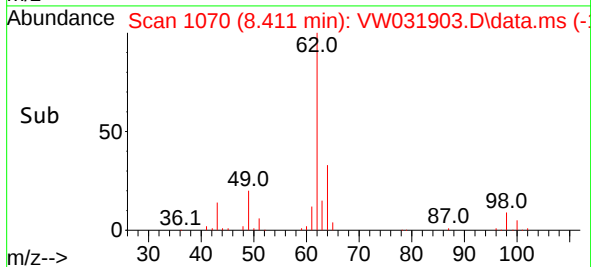
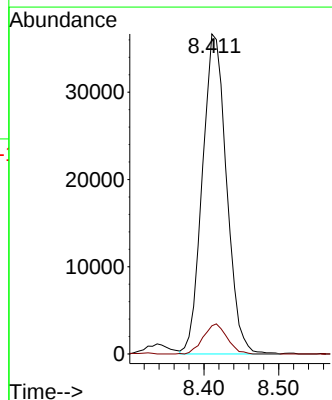
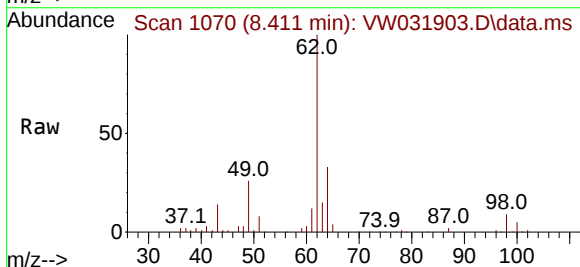
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

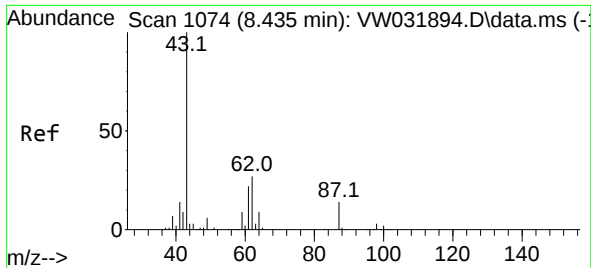
Tgt Ion:	41	Resp:	29012
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.1	61.7
67	70.7	56.2	84.4
52	32.3	22.8	34.2



#42
1,2-Dichloroethane
Concen: 21.350 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:	62	Resp:	82389
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.401 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

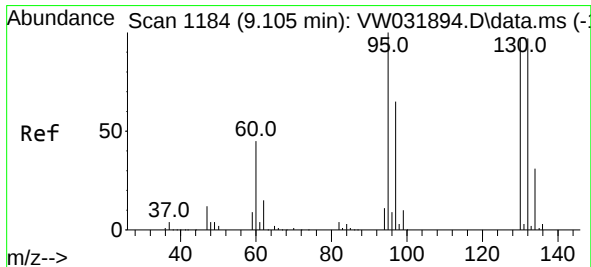
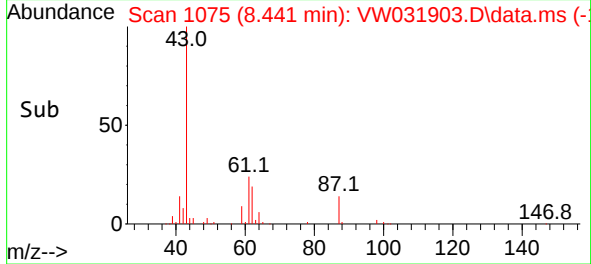
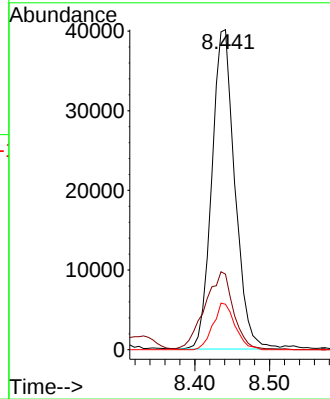
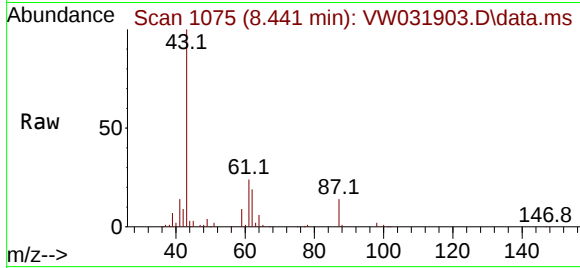
Tgt Ion: 43 Resp: 85814

Ion Ratio Lower Upper

43 100

61 30.5 24.0 36.0

87 13.9 11.1 16.7



#44

Trichloroethene

Concen: 21.368 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.000 min

Lab File: VW031903.D

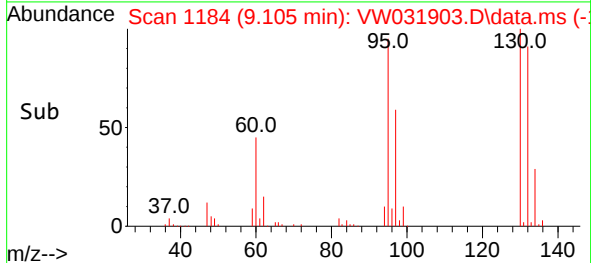
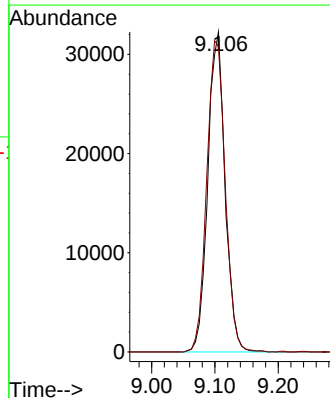
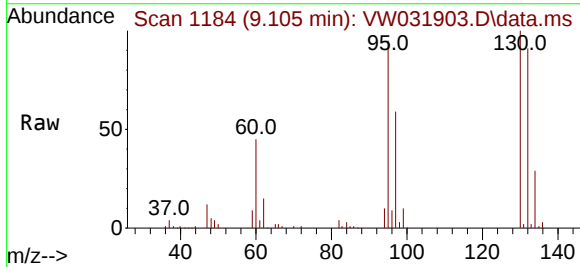
Acq: 23 Jul 2025 11:10

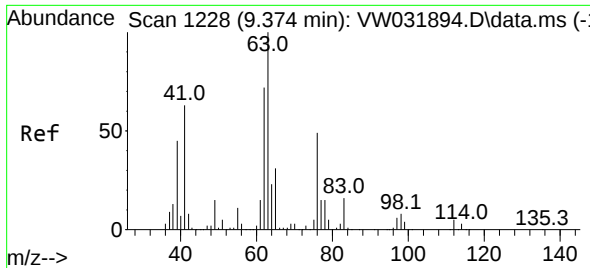
Tgt Ion:130 Resp: 61241

Ion Ratio Lower Upper

130 100

95 95.4 0.0 206.4

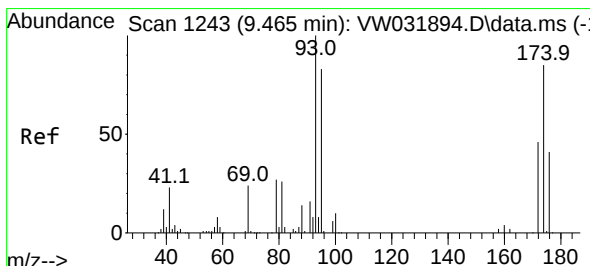
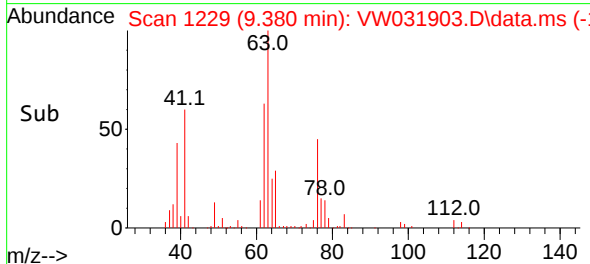
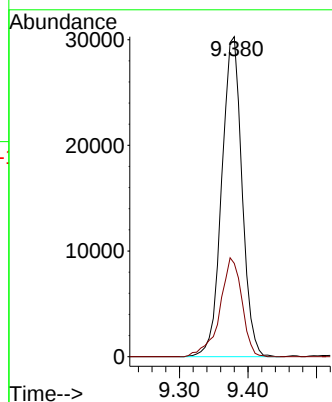
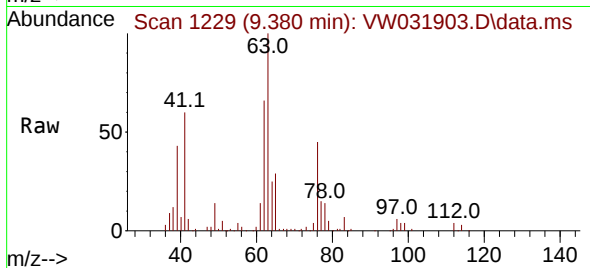




#45
1,2-Dichloropropane
Concen: 21.332 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

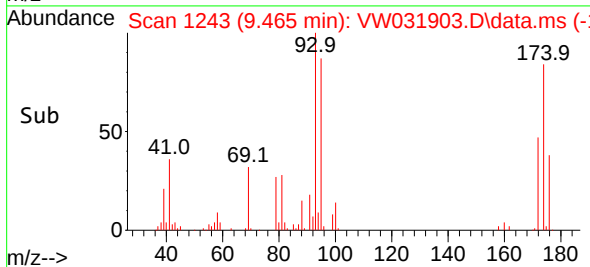
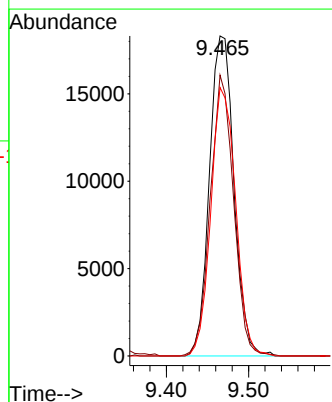
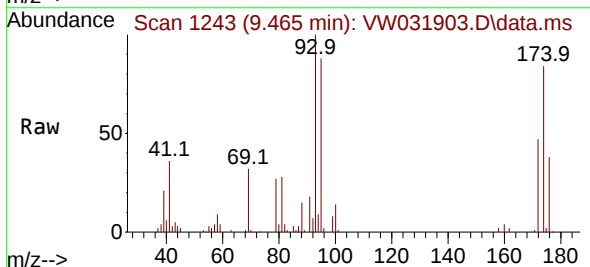
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

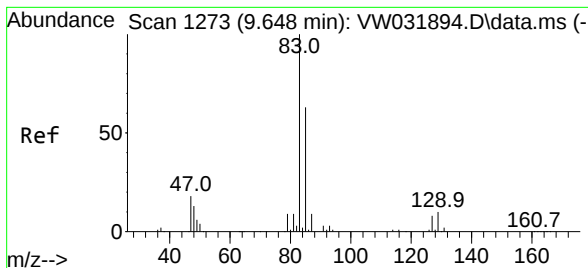
Tgt Ion: 63 Resp: 61945
Ion Ratio Lower Upper
63 100
65 29.1 25.0 37.4



#46
Dibromomethane
Concen: 21.082 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 93 Resp: 37949
Ion Ratio Lower Upper
93 100
95 83.5 65.8 98.6
174 84.7 70.2 105.2





#47

Bromodichloromethane

Concen: 20.802 ug/l

RT: 9.648 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

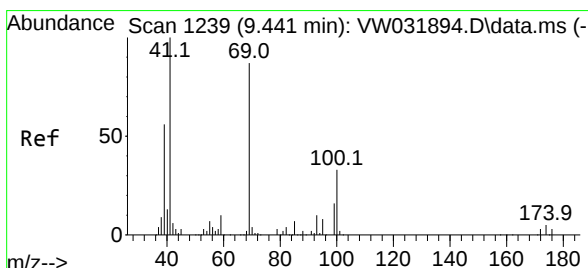
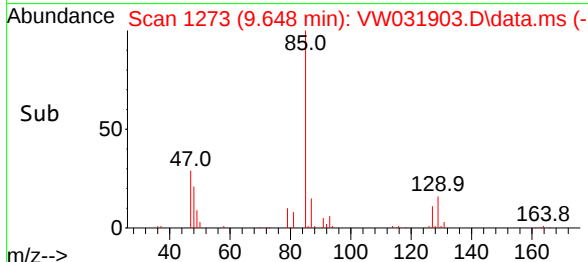
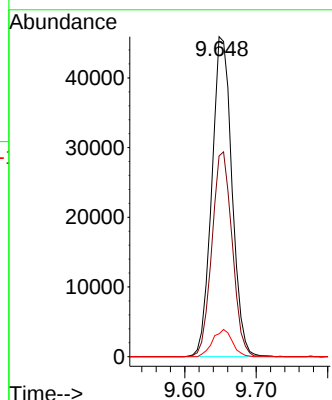
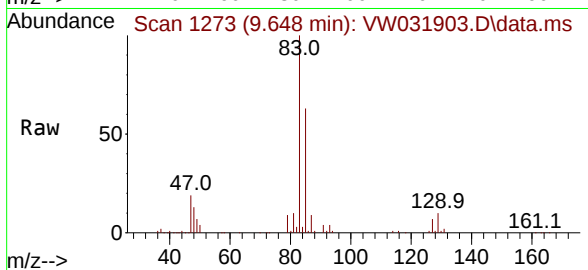
Tgt Ion: 83 Resp: 89788

Ion Ratio Lower Upper

83 100

85 62.7 50.6 76.0

127 7.1 6.5 9.7



#48

Methyl methacrylate

Concen: 21.264 ug/l

RT: 9.447 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

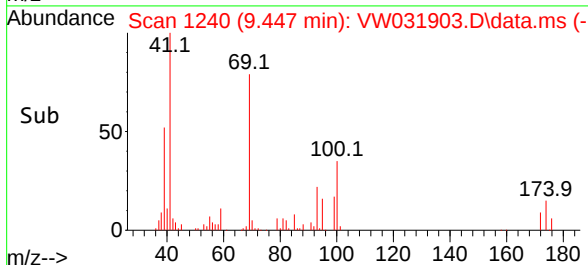
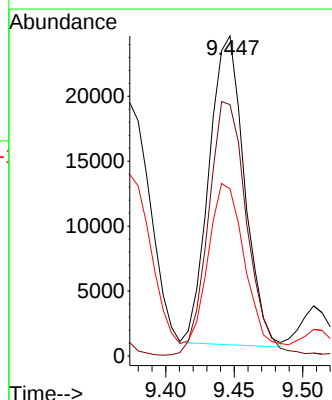
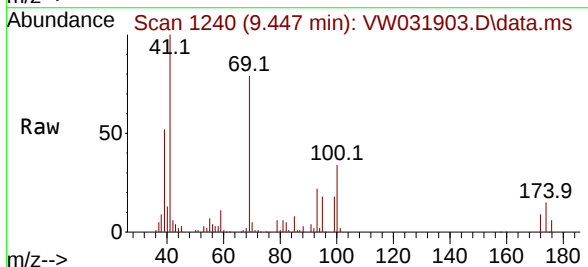
Tgt Ion: 41 Resp: 42554

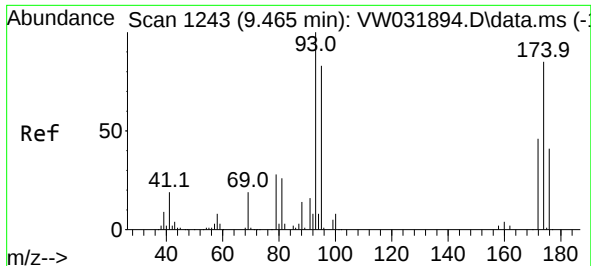
Ion Ratio Lower Upper

41 100

69 90.2 73.6 110.4

39 53.5 45.5 68.3





#49

1,4-Dioxane

Concen: 510.258 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

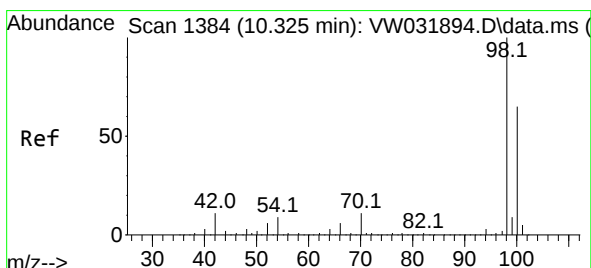
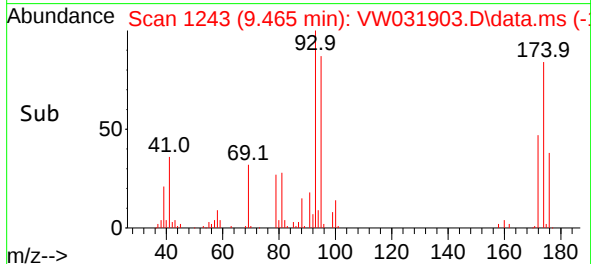
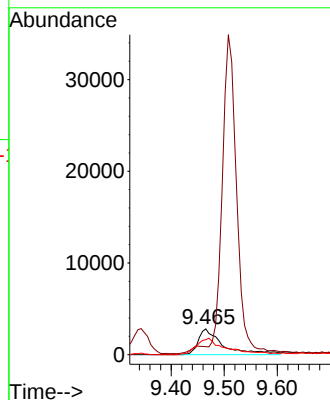
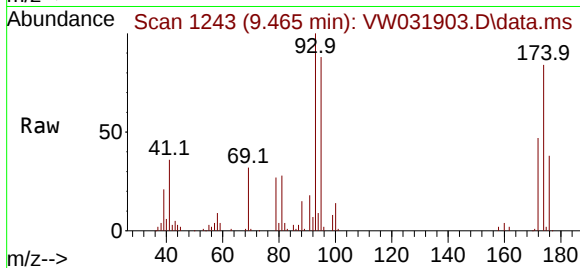
Tgt Ion: 88 Resp: 9165

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 74.5 58.2 87.2



#50

Toluene-d8

Concen: 48.102 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031903.D

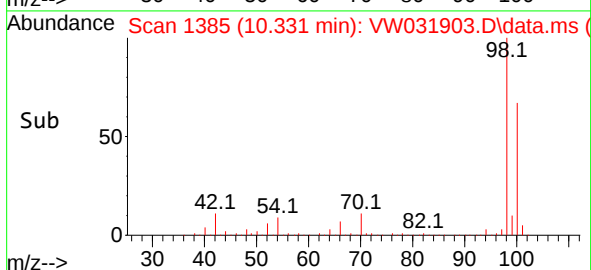
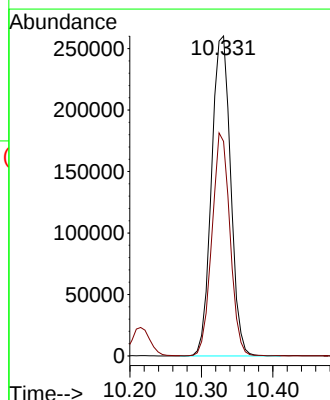
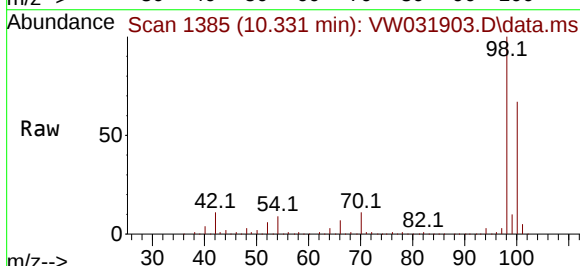
Acq: 23 Jul 2025 11:10

Tgt Ion: 98 Resp: 482855

Ion Ratio Lower Upper

98 100

100 65.7 51.7 77.5

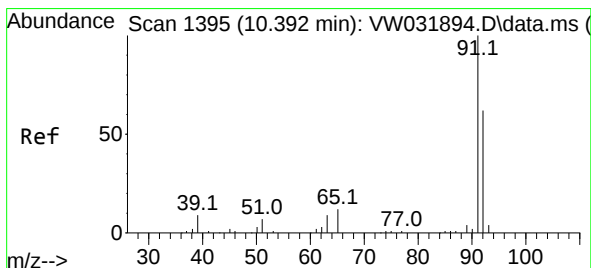
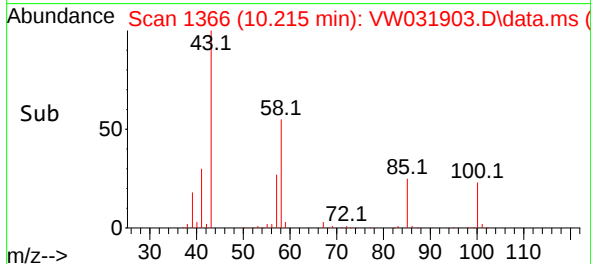
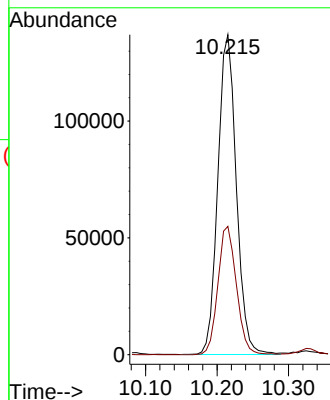
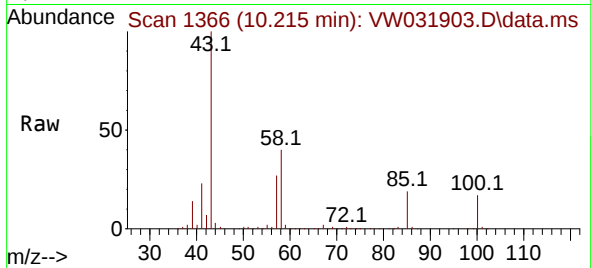




#51
4-Methyl-2-Pentanone
Concen: 106.713 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

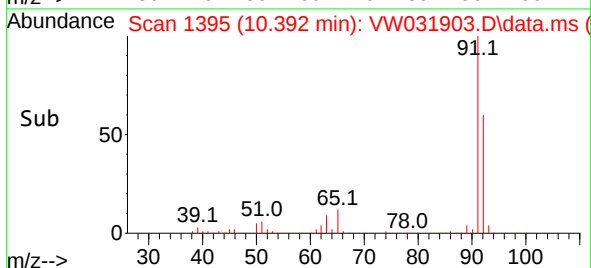
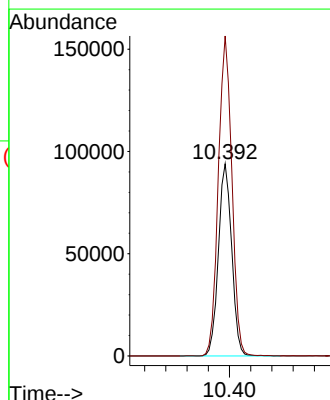
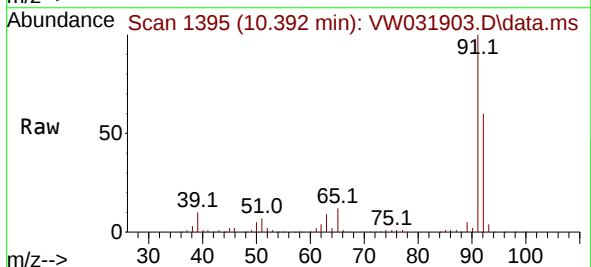
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

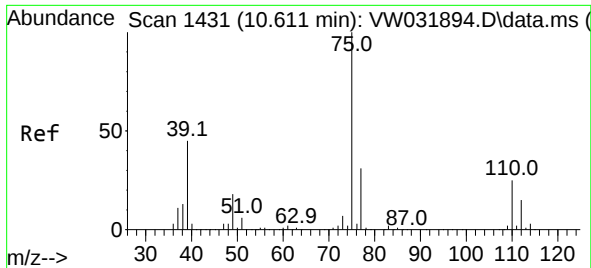
Tgt Ion: 43 Resp: 245660
Ion Ratio Lower Upper
43 100
58 40.3 32.8 49.2



#52
Toluene
Concen: 21.095 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 92 Resp: 163508
Ion Ratio Lower Upper
92 100
91 169.6 133.7 200.5

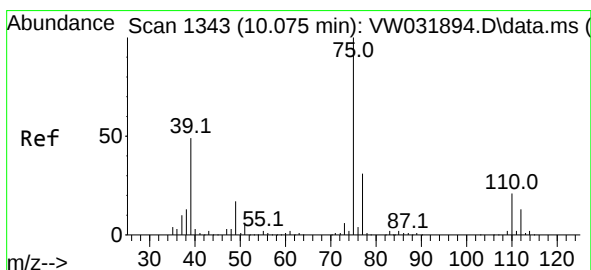
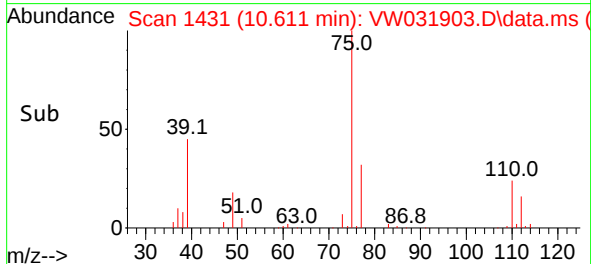
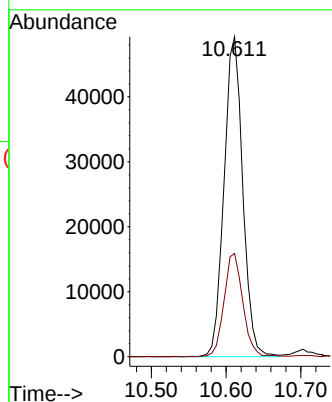
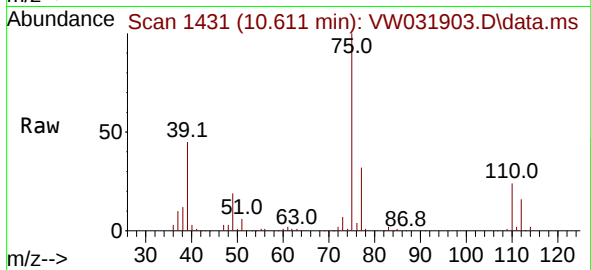




#53
t-1,3-Dichloropropene
Concen: 20.689 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

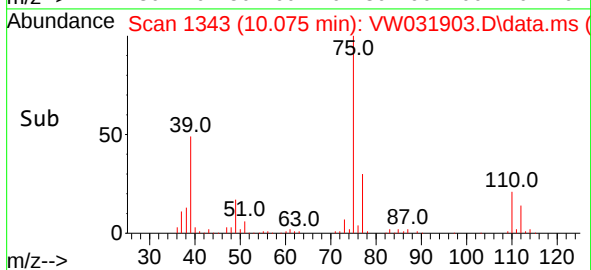
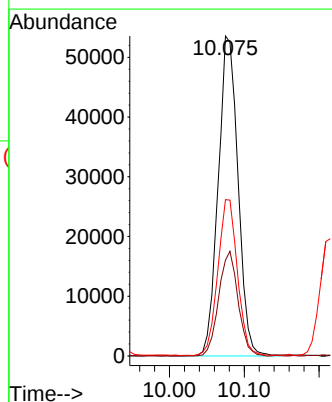
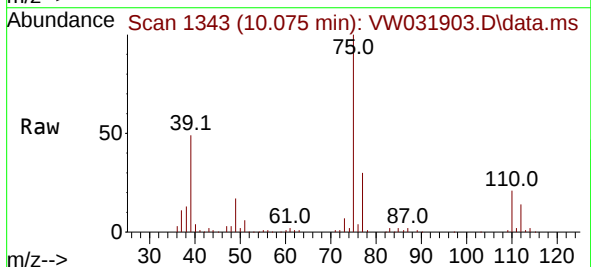
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

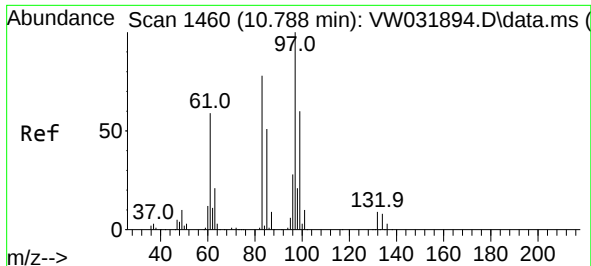
Tgt Ion: 75 Resp: 85663
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.920 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 75 Resp: 98917
Ion Ratio Lower Upper
75 100
77 29.9 24.5 36.7
39 48.7 39.3 58.9

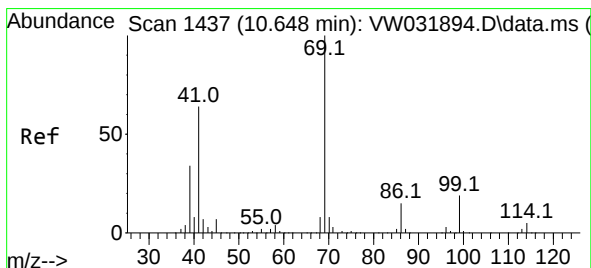
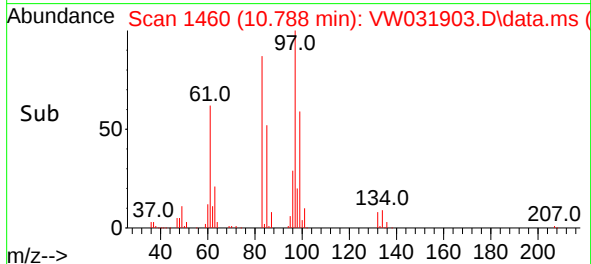
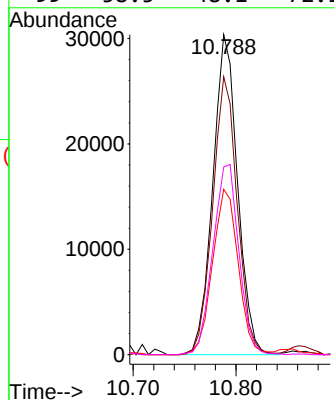
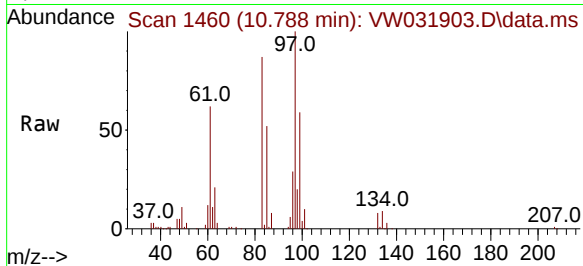




#55
1,1,2-Trichloroethane
Concen: 21.246 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

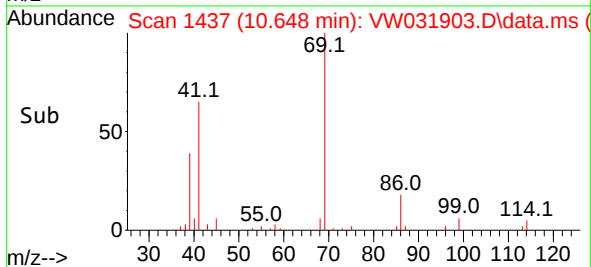
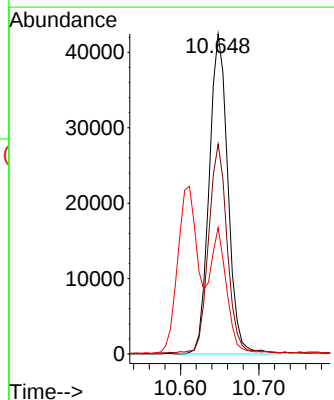
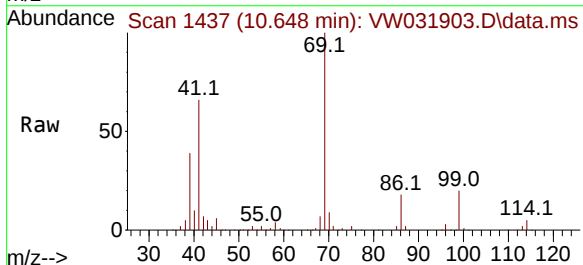
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

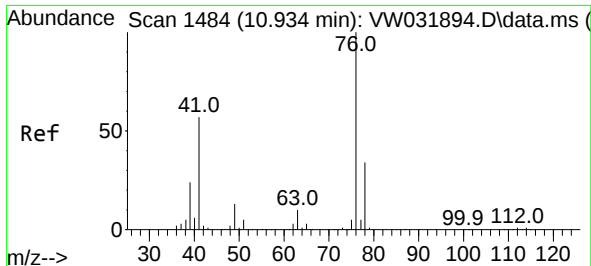
Tgt Ion: 97	Resp: 50801
Ion Ratio	Lower Upper
97 100	
83 86.9	62.4 93.6
85 51.6	41.0 61.6
99 58.5	48.1 72.1



#56
Ethyl methacrylate
Concen: 20.846 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 69	Resp: 70394
Ion Ratio	Lower Upper
69 100	
41 65.7	52.0 78.0
39 34.3	26.6 40.0





#57

1,3-Dichloropropane

Concen: 21.164 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

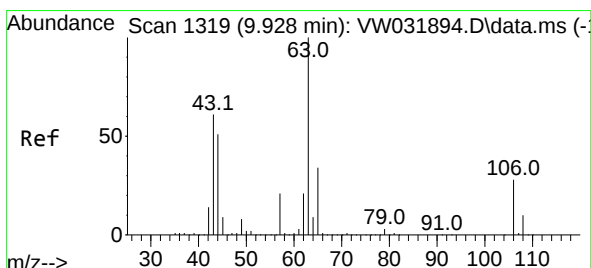
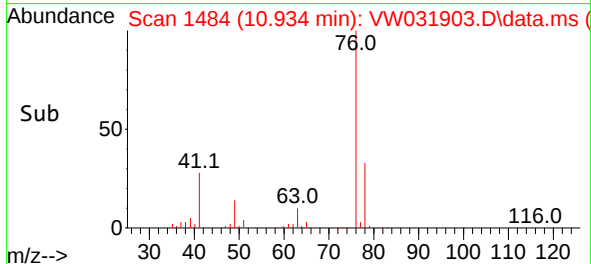
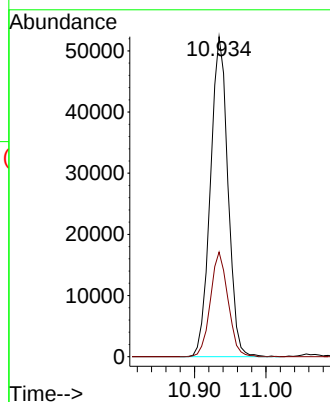
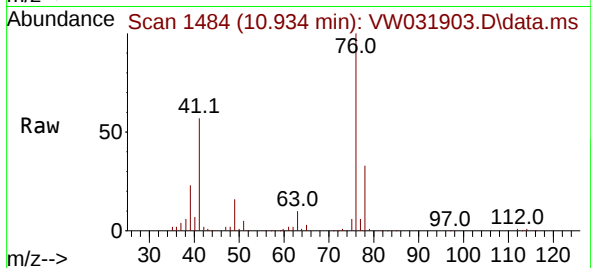
VW0723SBSD01

Tgt Ion: 76 Resp: 89150

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 104.334 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031903.D

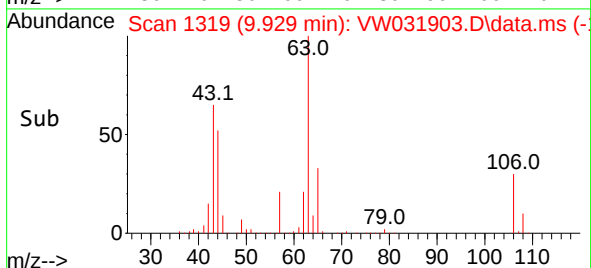
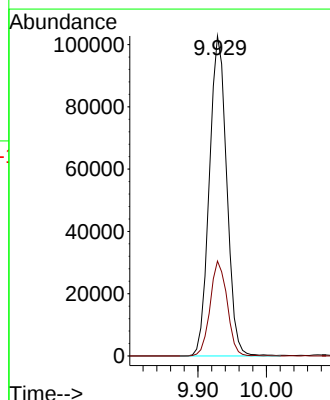
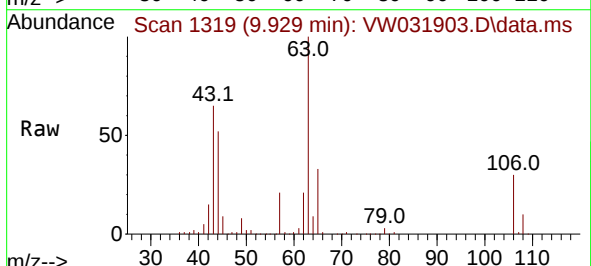
Acq: 23 Jul 2025 11:10

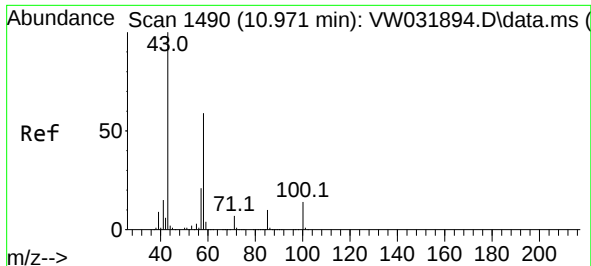
Tgt Ion: 63 Resp: 180973

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1

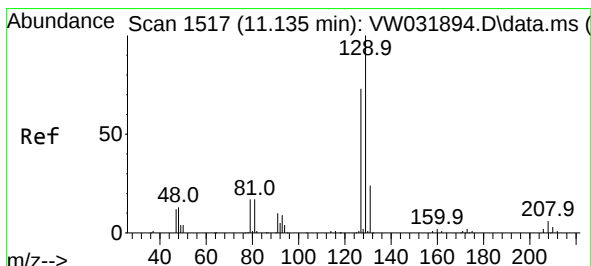
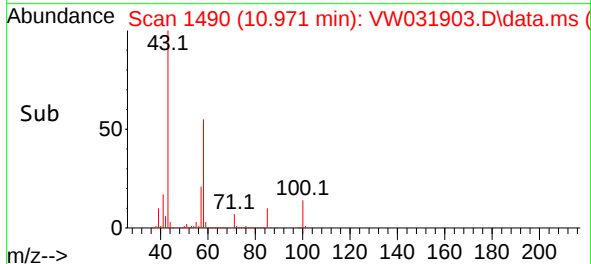
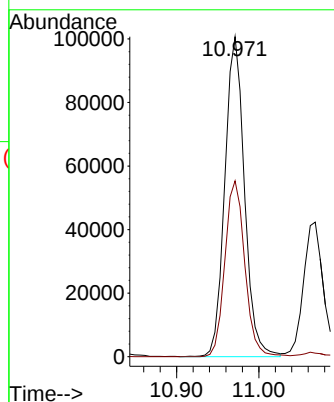
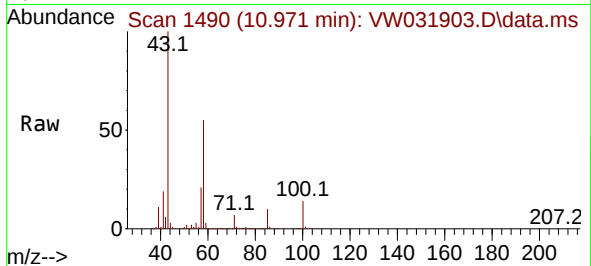




#59
2-Hexanone
Concen: 104.677 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

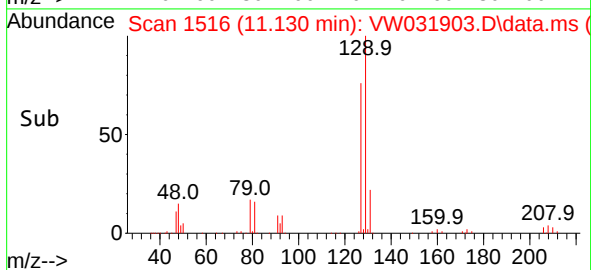
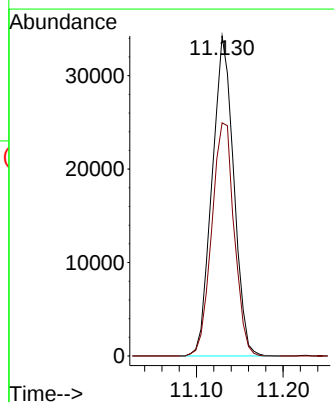
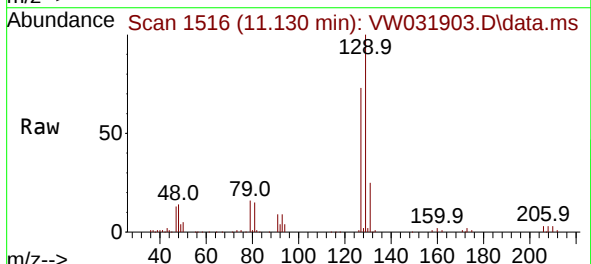
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

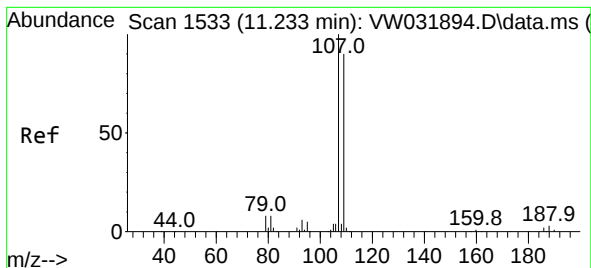
Tgt Ion: 43 Resp: 167500
Ion Ratio Lower Upper
43 100
58 55.6 28.5 85.6



#60
Dibromochloromethane
Concen: 21.316 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:129 Resp: 59424
Ion Ratio Lower Upper
129 100
127 75.6 39.6 118.8

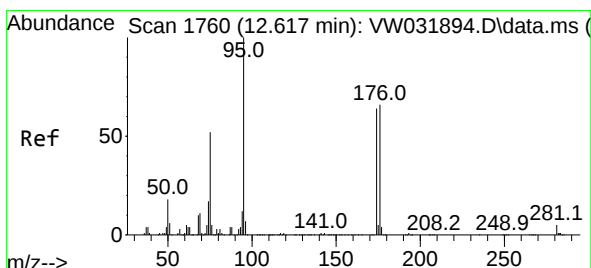
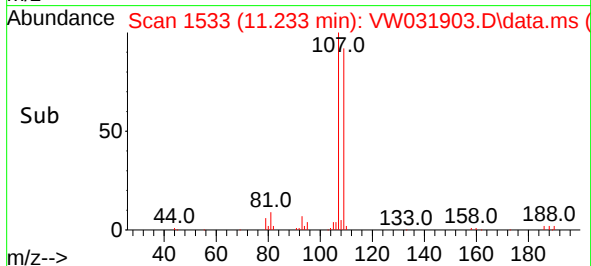
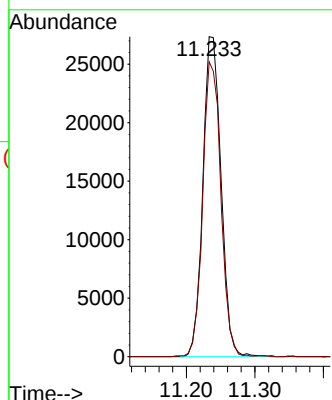
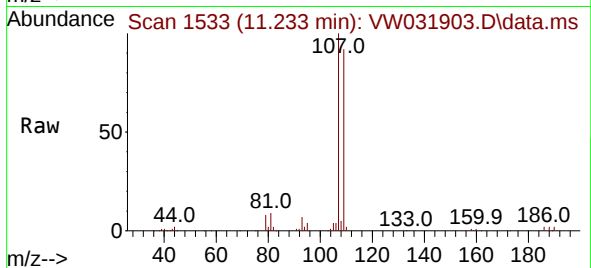




#61
1,2-Dibromoethane
Concen: 21.367 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

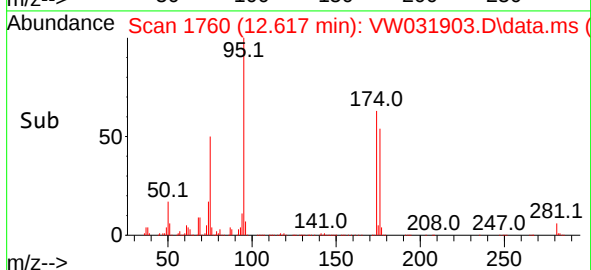
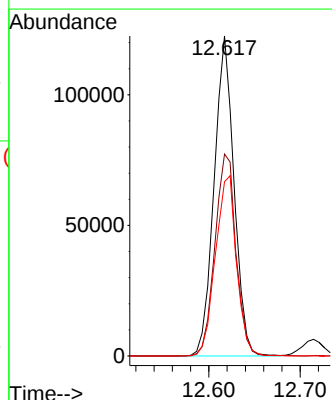
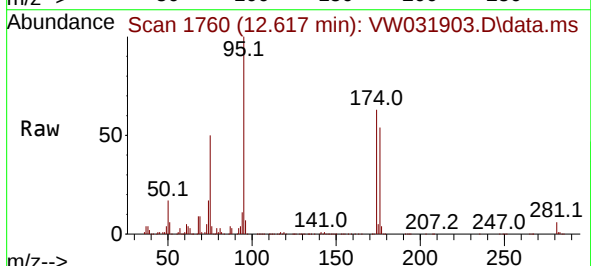
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

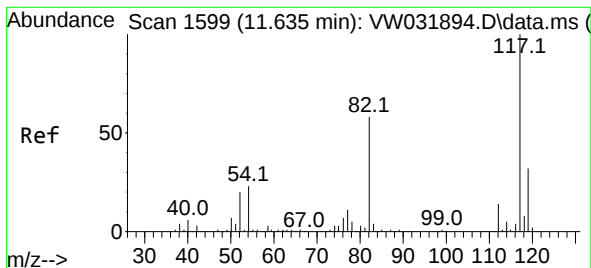
Tgt Ion:107 Resp: 50482
Ion Ratio Lower Upper
107 100
109 92.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.059 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 95 Resp: 185241
Ion Ratio Lower Upper
95 100
174 66.8 0.0 129.8
176 59.8 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

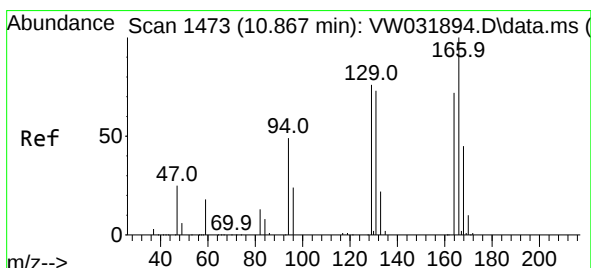
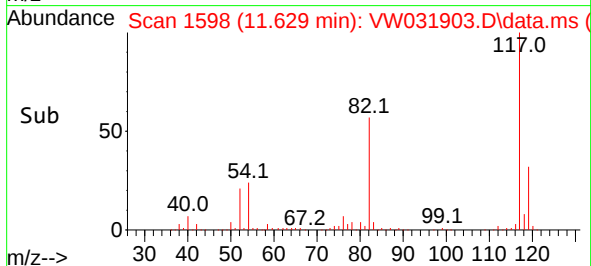
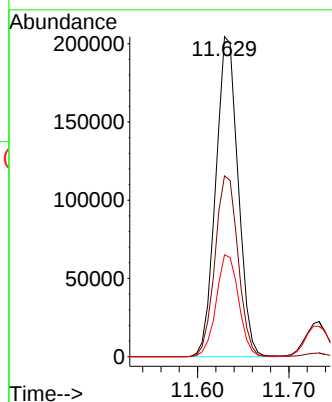
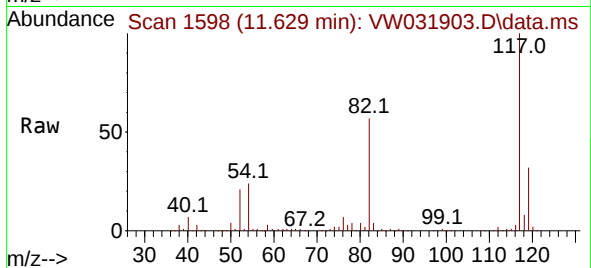
Tgt Ion:117 Resp: 348197

Ion Ratio Lower Upper

117 100

82 56.5 46.5 69.7

119 31.9 25.8 38.6



#64

Tetrachloroethene

Concen: 21.067 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Tgt Ion:164 Resp: 48364

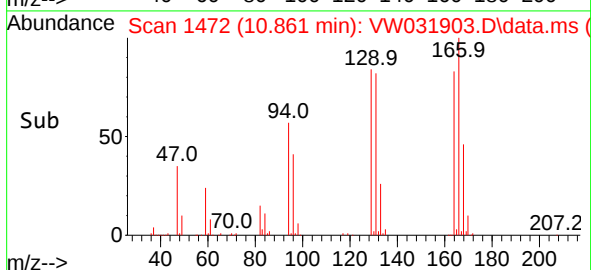
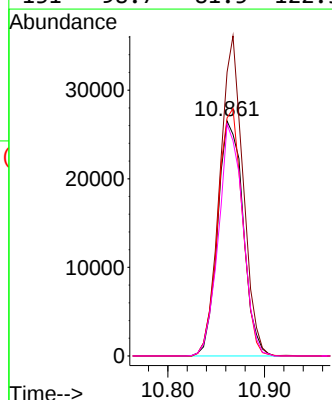
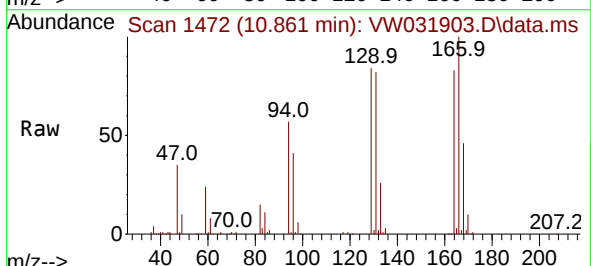
Ion Ratio Lower Upper

164 100

166 120.8 111.5 167.3

129 101.4 85.1 127.7

131 98.7 81.5 122.3





#65

Chlorobenzene

Concen: 21.031 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

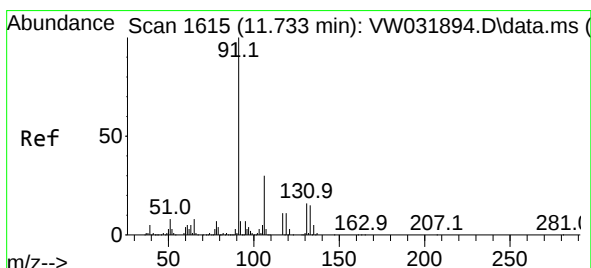
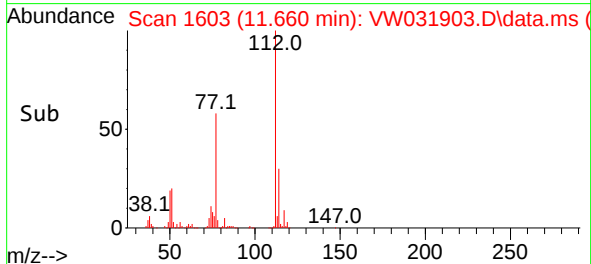
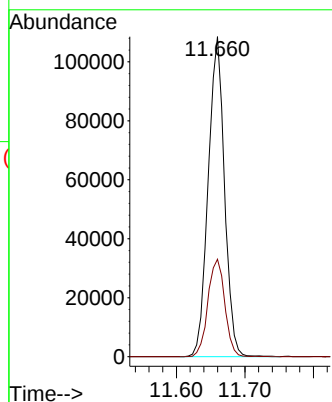
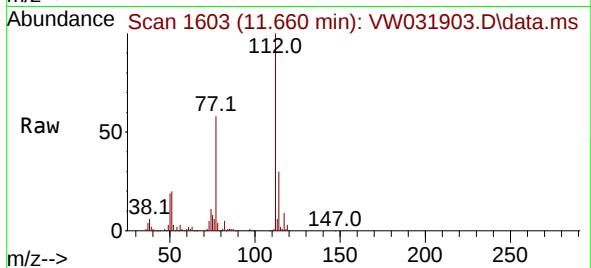
VW0723SBSD01

Tgt Ion:112 Resp: 179225

Ion Ratio Lower Upper

112 100

114 30.4 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 21.294 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

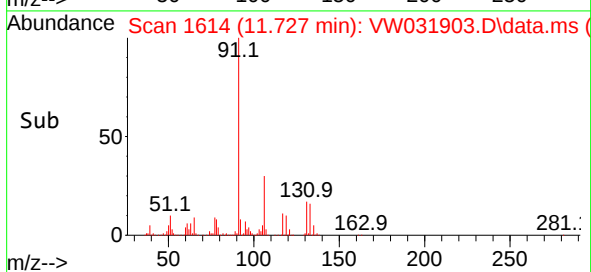
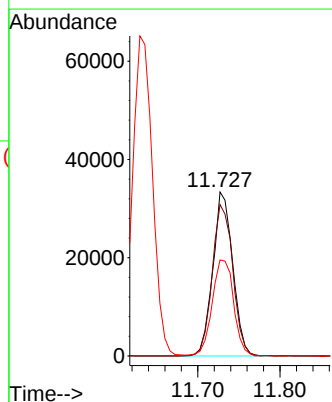
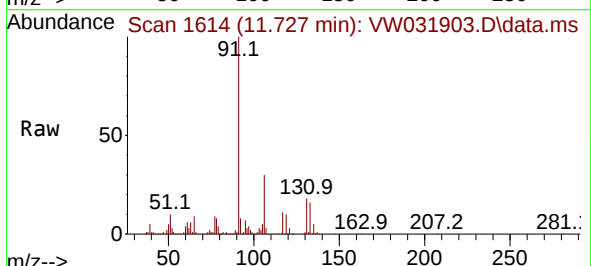
Tgt Ion:131 Resp: 56256

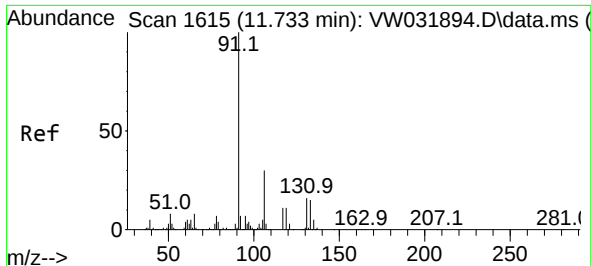
Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.4

119 63.0 33.7 101.1





#67

Ethyl Benzene

Concen: 21.102 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

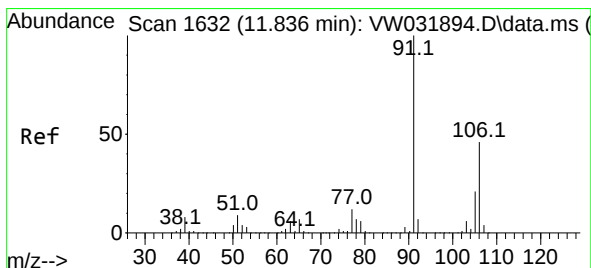
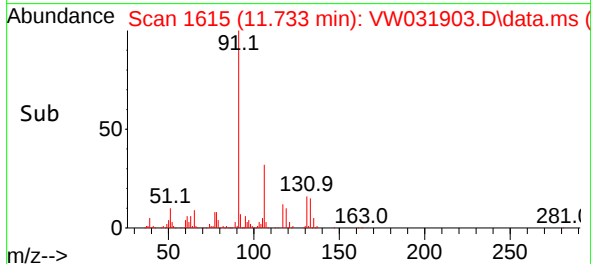
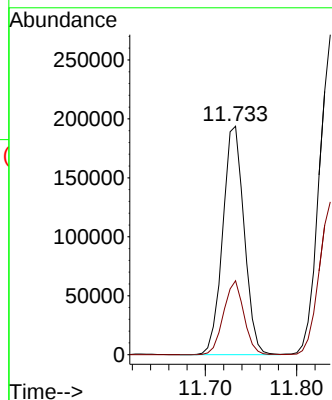
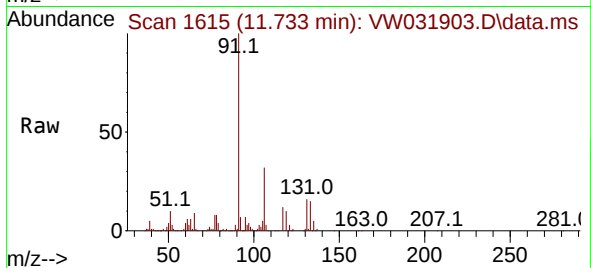
VW0723SBSD01

Tgt Ion: 91 Resp: 315965

Ion Ratio Lower Upper

91 100

106 32.3 23.8 35.6



#68

m/p-Xylenes

Concen: 43.497 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031903.D

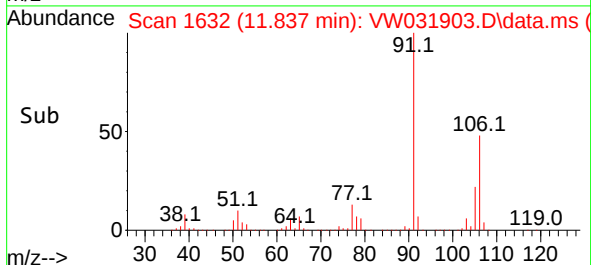
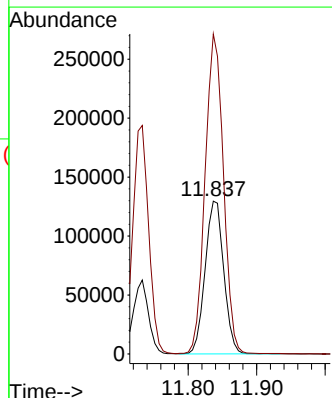
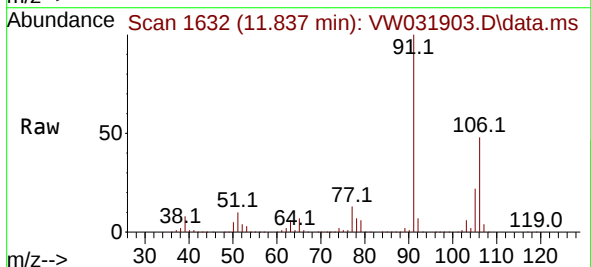
Acq: 23 Jul 2025 11:10

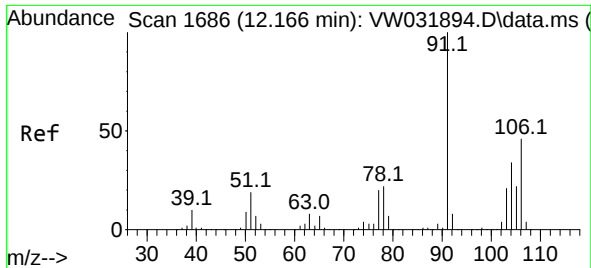
Tgt Ion:106 Resp: 245177

Ion Ratio Lower Upper

106 100

91 206.3 167.7 251.5

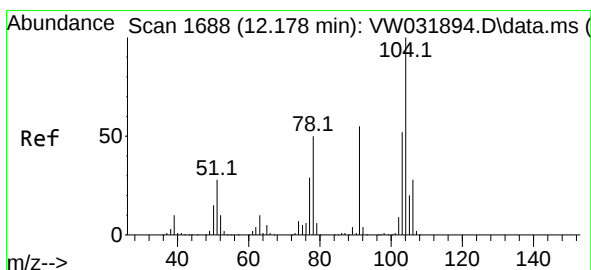
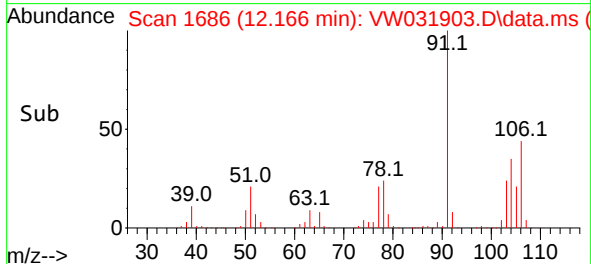
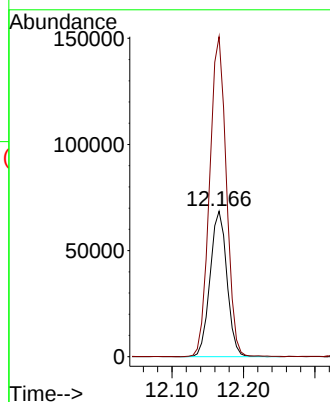
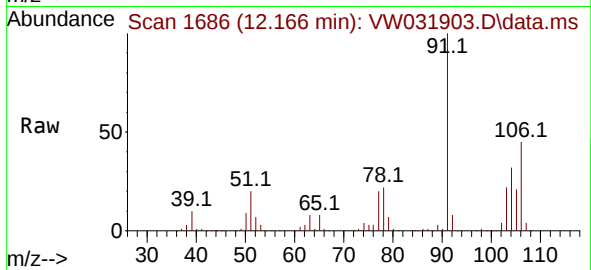




#69
o-Xylene
Concen: 21.025 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

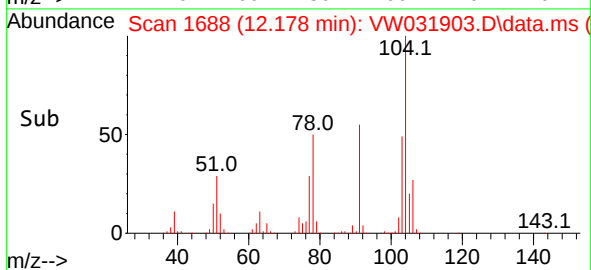
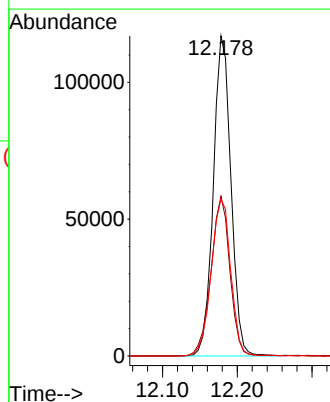
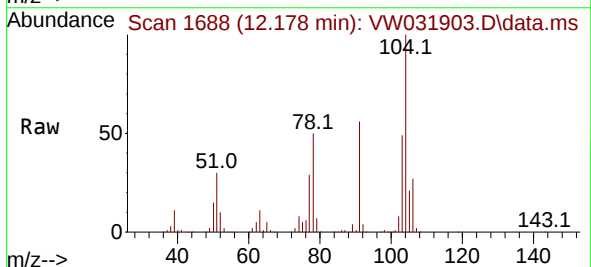
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

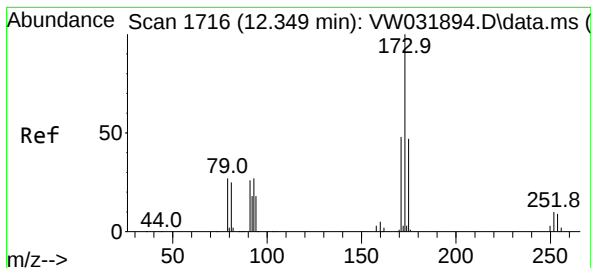
Tgt Ion:106 Resp: 112154
Ion Ratio Lower Upper
106 100
91 218.6 108.2 324.6



#70
Styrene
Concen: 21.132 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:104 Resp: 191929
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 54.2 42.8 64.2





#71

Bromoform

Concen: 20.456 ug/l

RT: 12.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

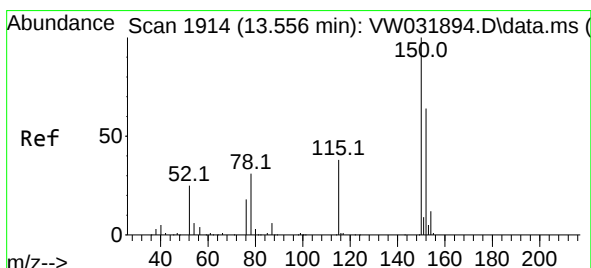
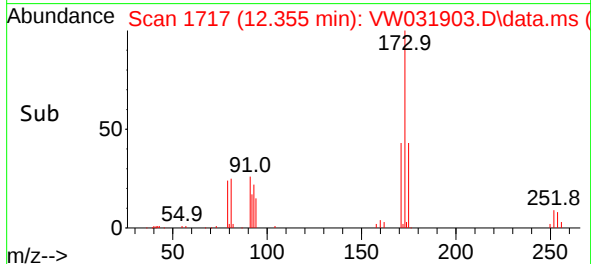
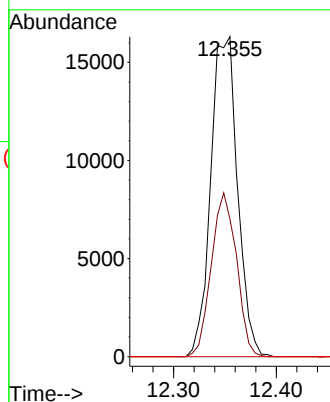
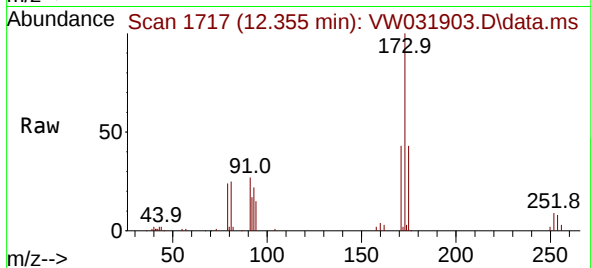
Tgt Ion:173 Resp: 29556

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

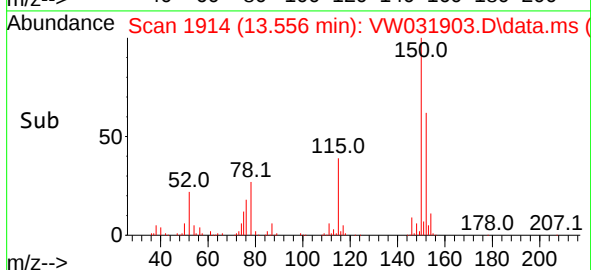
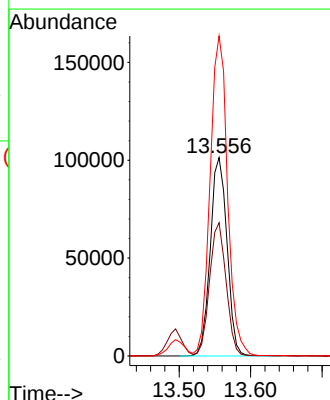
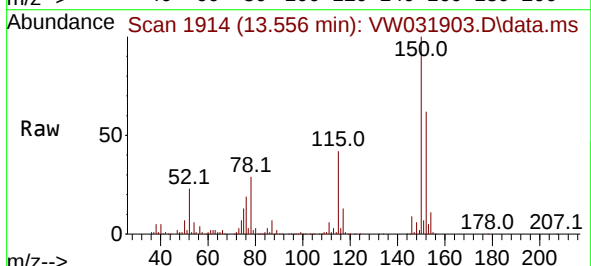
Tgt Ion:152 Resp: 164891

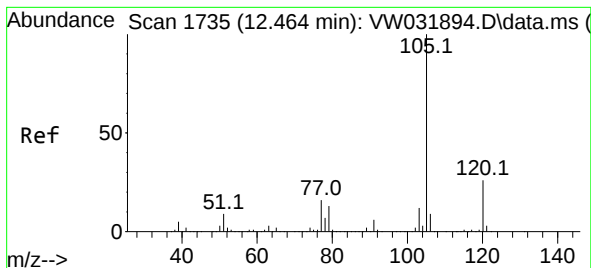
Ion Ratio Lower Upper

152 100

115 66.2 33.4 100.1

150 167.5 0.0 352.2





#73

Isopropylbenzene

Concen: 20.198 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

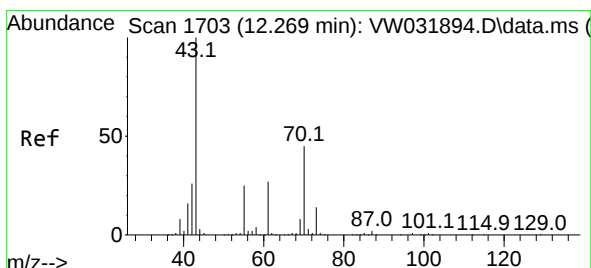
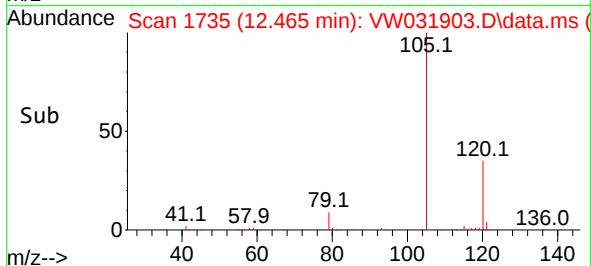
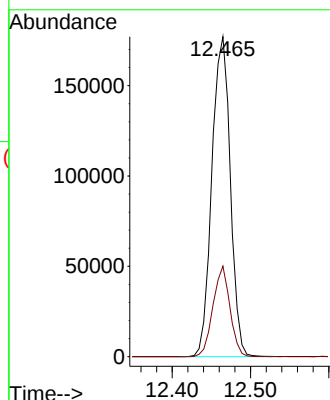
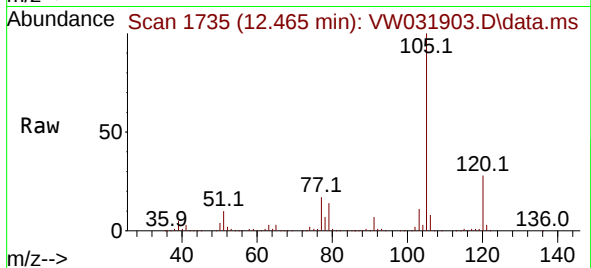
VW0723SBSD01

Tgt Ion:105 Resp: 288973

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.8



#74

N-ethyl acetate

Concen: 20.386 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Tgt Ion: 43 Resp: 78848

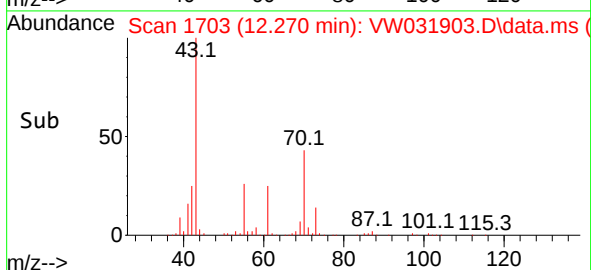
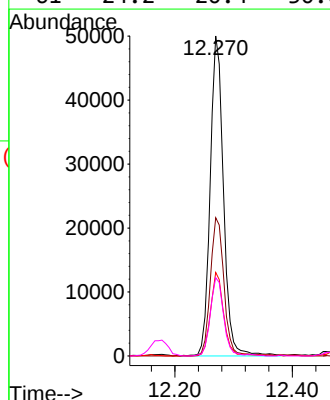
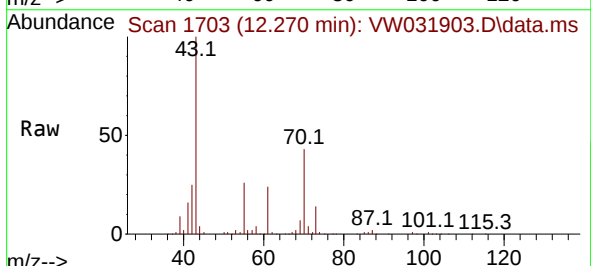
Ion Ratio Lower Upper

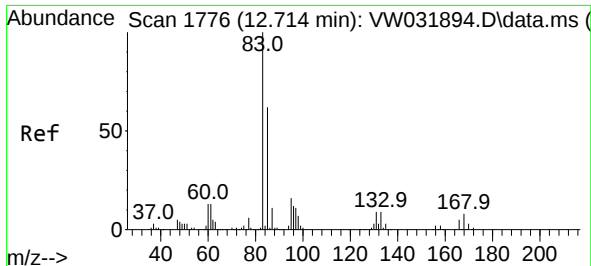
43 100

70 44.2 36.6 55.0

55 26.0 20.7 31.1

61 24.2 20.4 30.6

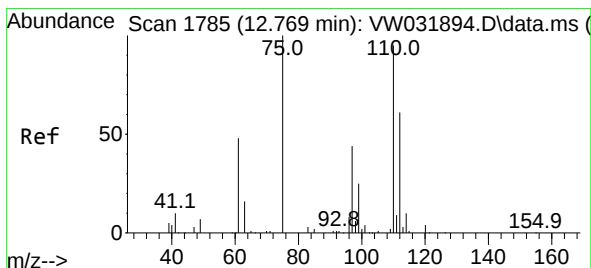
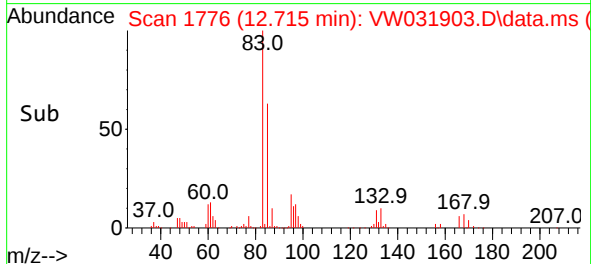
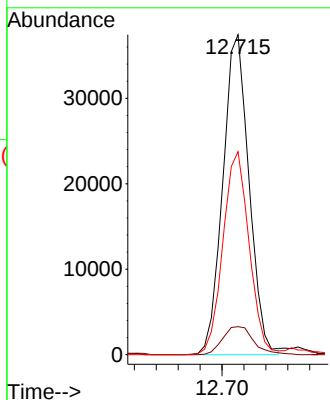
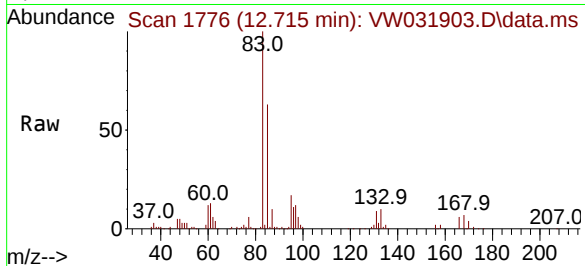




#75
1,1,2,2-Tetrachloroethane
Concen: 20.404 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

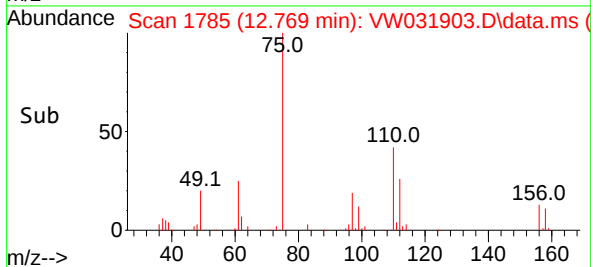
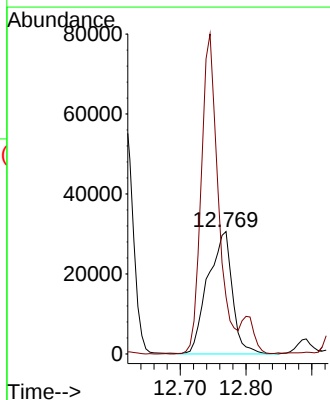
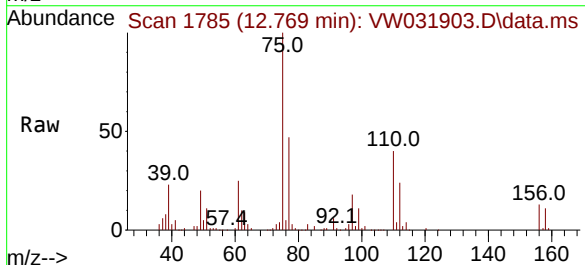
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

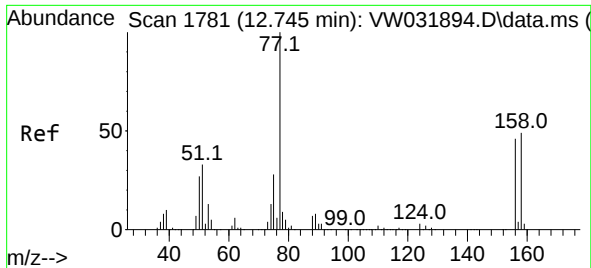
Tgt Ion:	83	Resp:	61965
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	63.5	31.8	95.3



#76
1,2,3-Trichloropropane
Concen: 34.859 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:	75	Resp:	79359
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

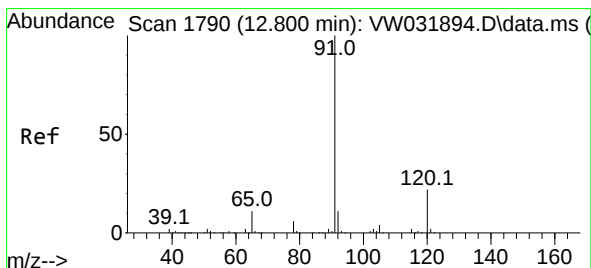
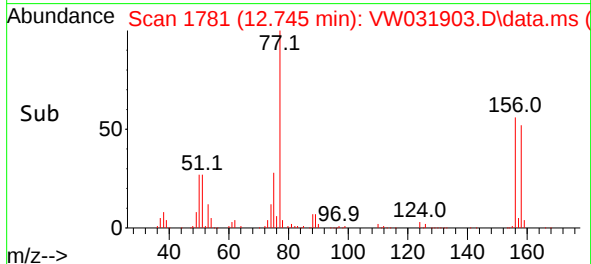
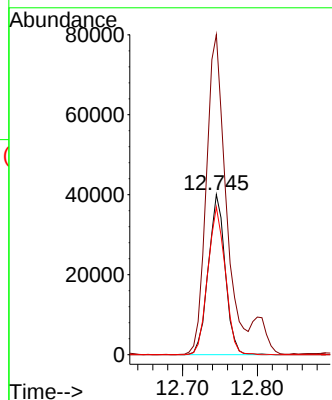
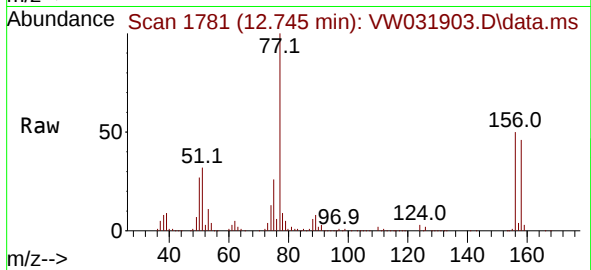




#77
Bromobenzene
Concen: 20.253 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

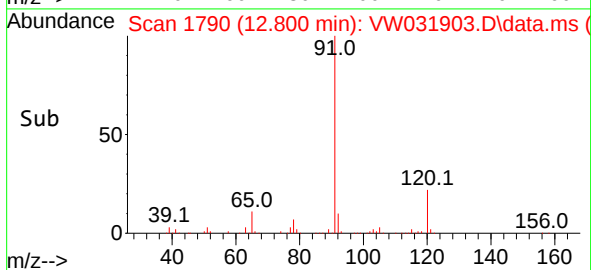
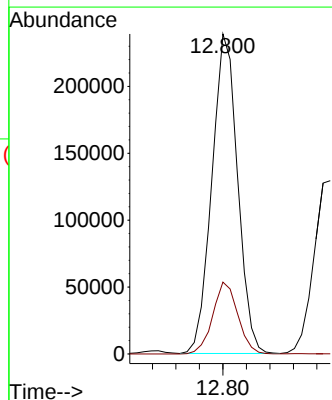
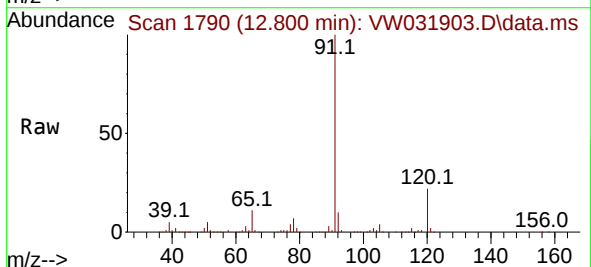
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

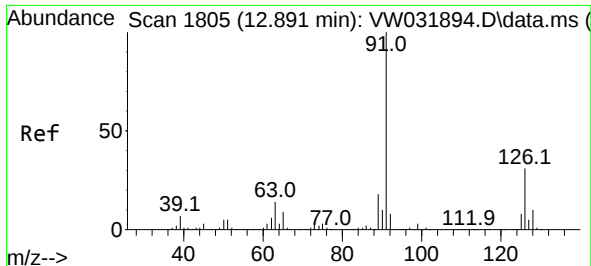
Tgt Ion:156 Resp: 62695
Ion Ratio Lower Upper
156 100
77 232.2 115.3 345.8
158 95.4 50.1 150.3



#78
n-propylbenzene
Concen: 20.651 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 91 Resp: 362877
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6

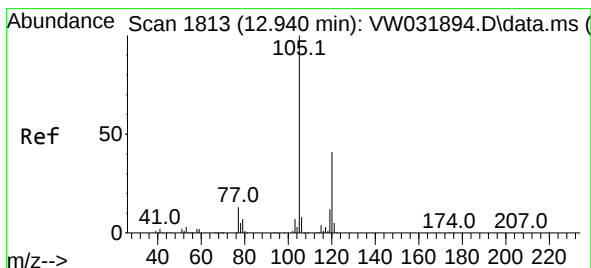
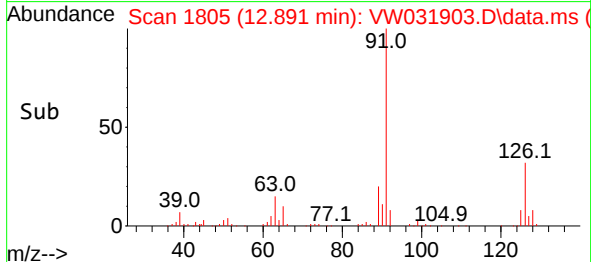
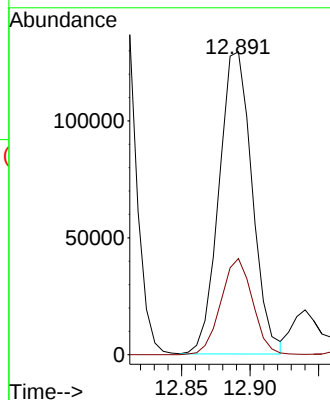
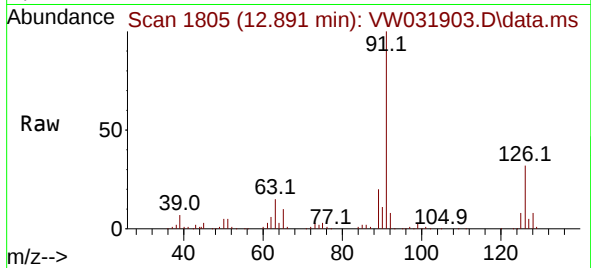




#79
2-Chlorotoluene
Concen: 20.748 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

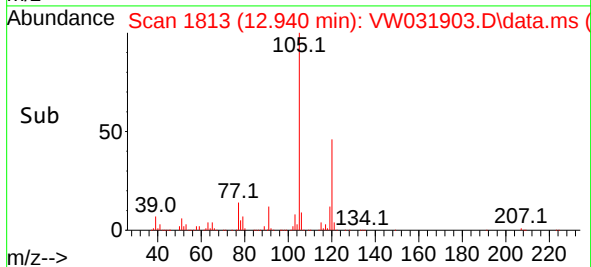
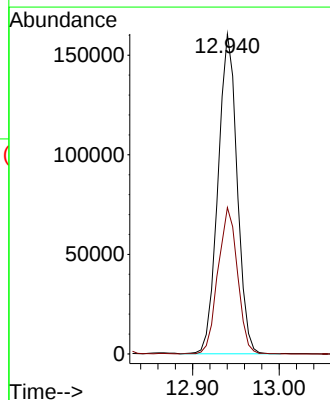
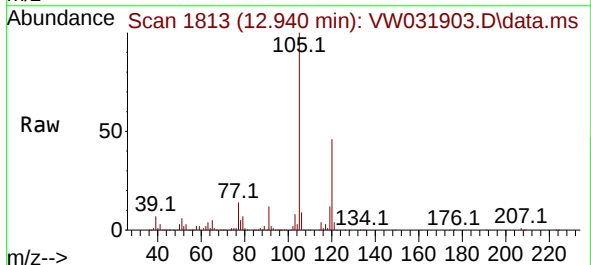
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tgt Ion: 91 Resp: 217672
Ion Ratio Lower Upper
91 100
126 30.5 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 20.526 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 105 Resp: 246290
Ion Ratio Lower Upper
105 100
120 46.8 23.5 70.5

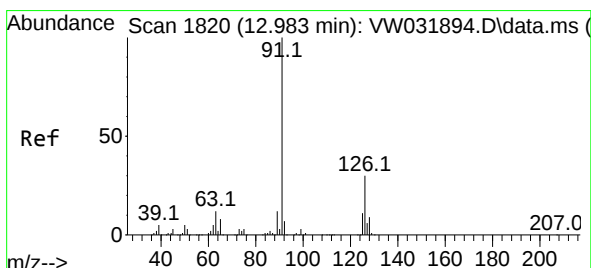
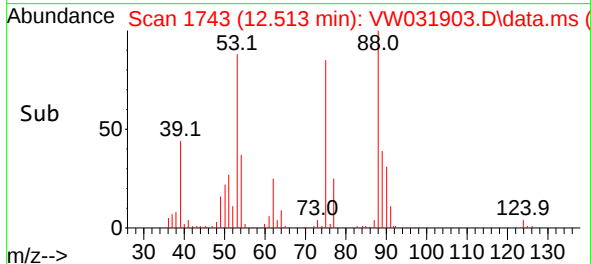
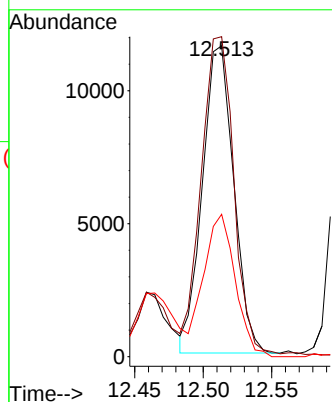
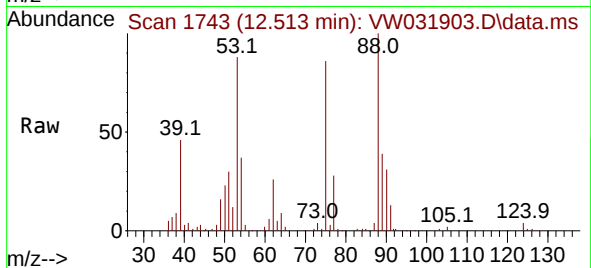




#81
trans-1,4-Dichloro-2-butene
Concen: 18.646 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

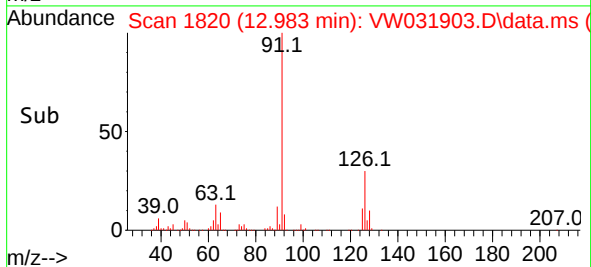
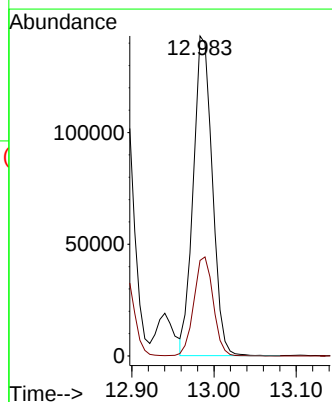
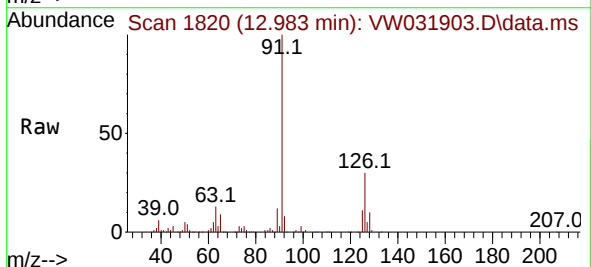
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

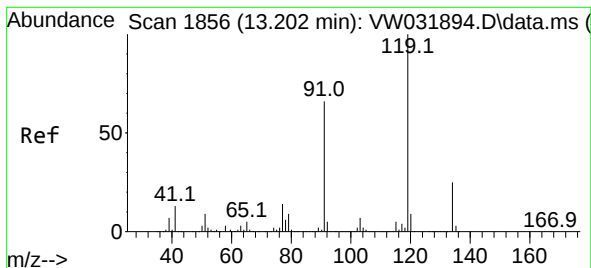
Tgt Ion:	75	Resp:	18386
Ion	Ratio	Lower	Upper
75	100		
53	110.4	83.7	125.5
89	46.5	39.0	58.6



#82
4-Chlorotoluene
Concen: 20.905 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:	91	Resp:	230091
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.8	47.3

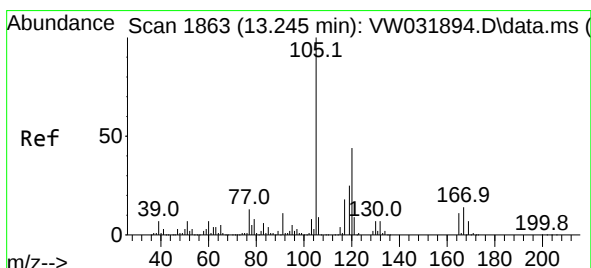
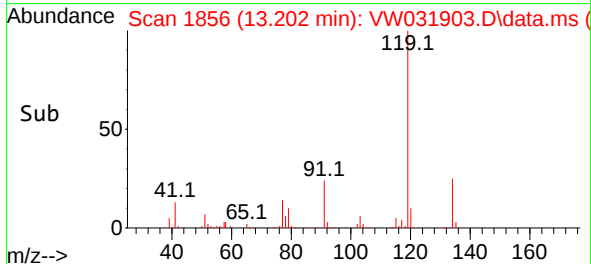
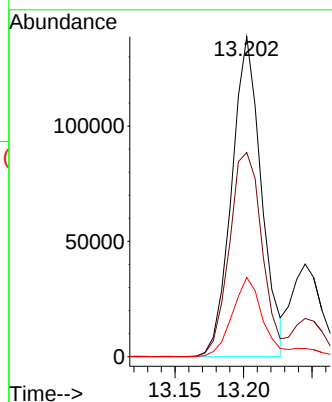
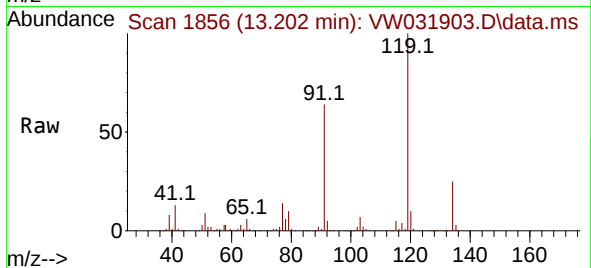




#83
tert-Butylbenzene
Concen: 20.492 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

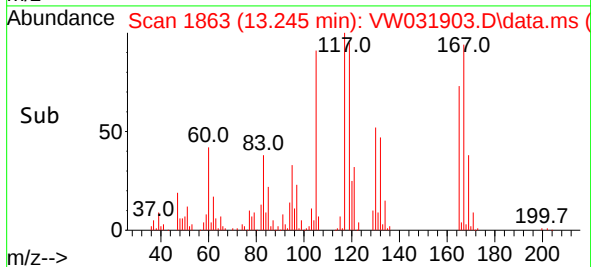
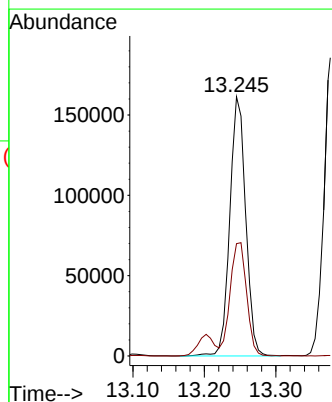
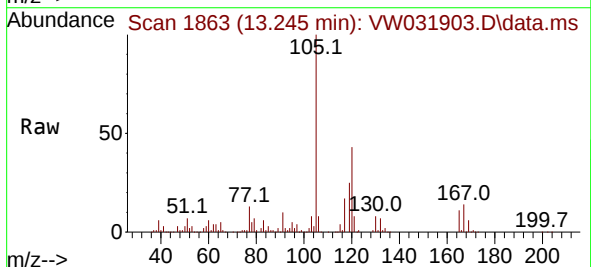
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

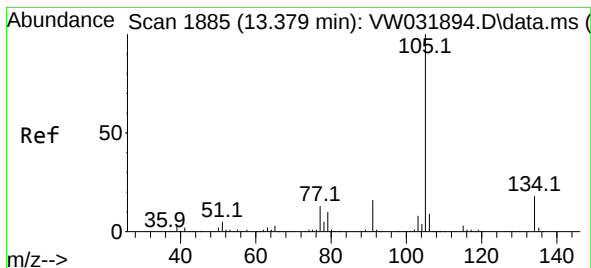
Tgt Ion:119 Resp: 209445
Ion Ratio Lower Upper
119 100
91 71.5 35.5 106.5
134 25.2 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 20.472 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:105 Resp: 248628
Ion Ratio Lower Upper
105 100
120 45.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 20.319 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

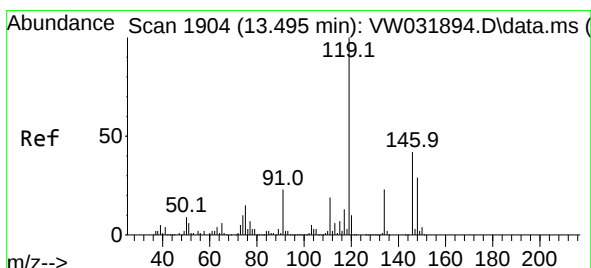
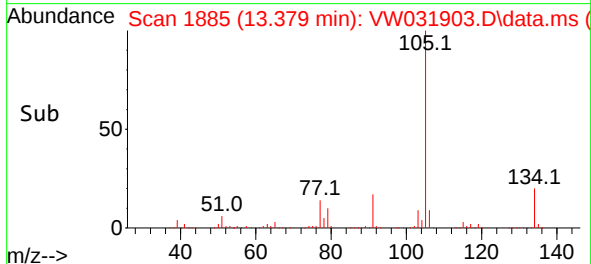
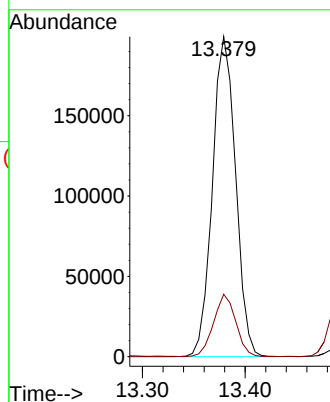
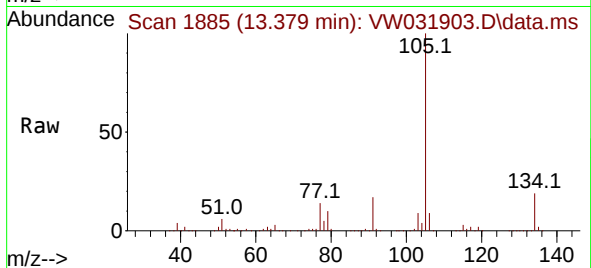
VW0723SBSD01

Tgt Ion:105 Resp: 311884

Ion Ratio Lower Upper

105 100

134 18.8 9.2 27.6



#86

p-Isopropyltoluene

Concen: 20.005 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

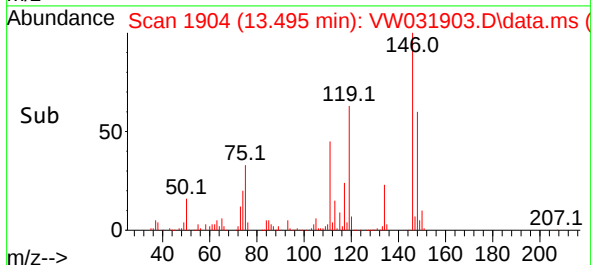
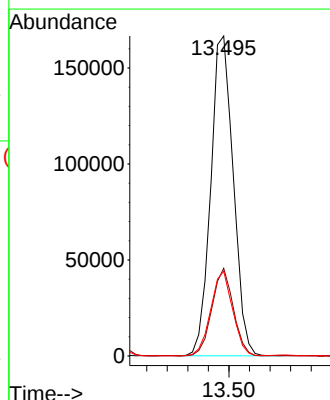
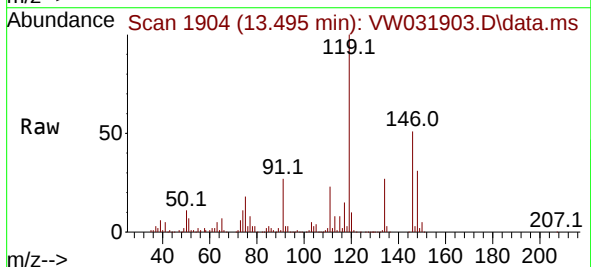
Tgt Ion:119 Resp: 253794

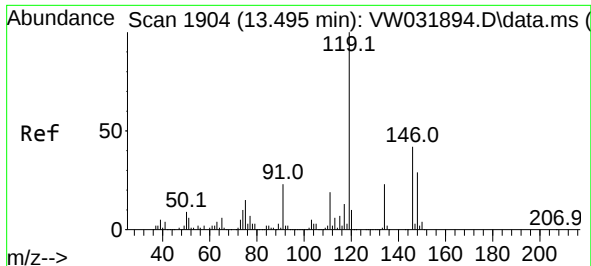
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 25.6 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 20.781 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

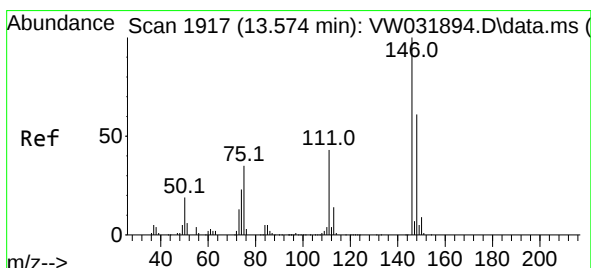
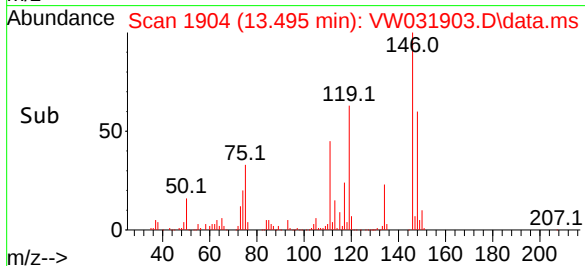
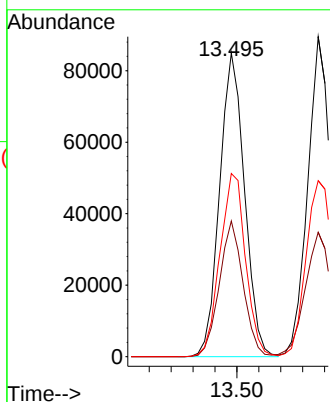
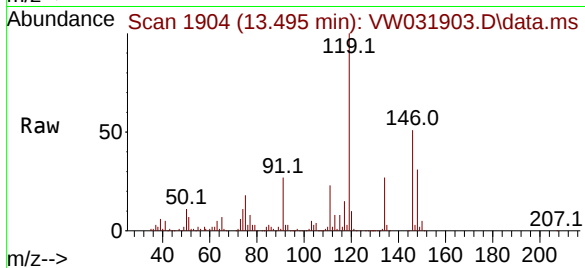
Tgt Ion:146 Resp: 133908

Ion Ratio Lower Upper

146 100

111 42.7 21.9 65.7

148 62.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.163 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

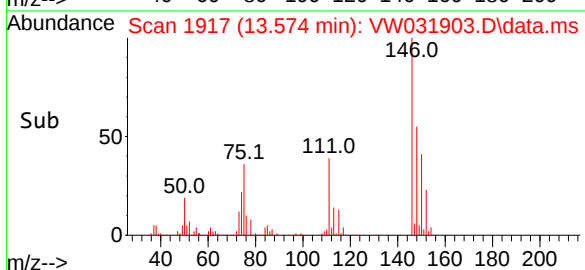
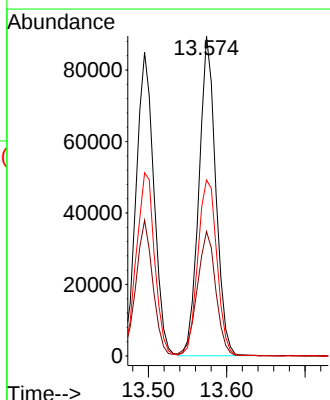
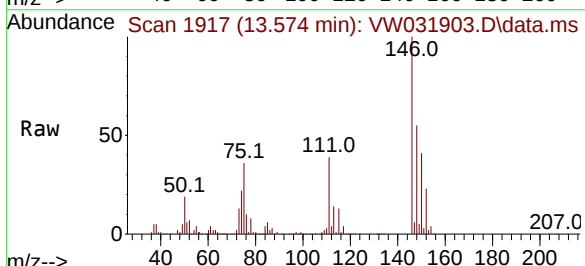
Tgt Ion:146 Resp: 133590

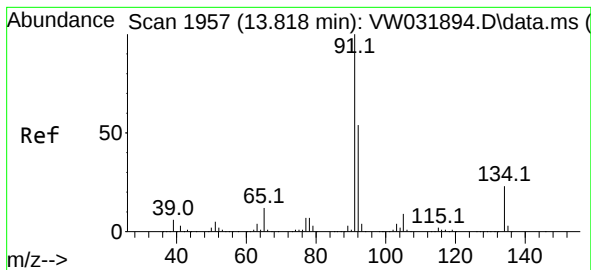
Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.3

148 62.6 31.8 95.3

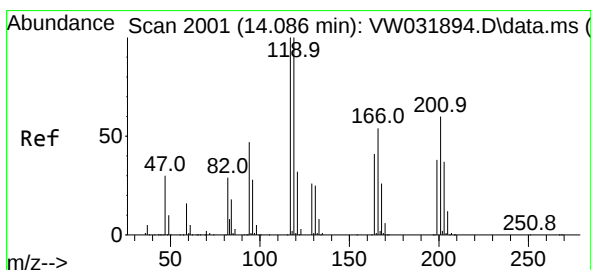
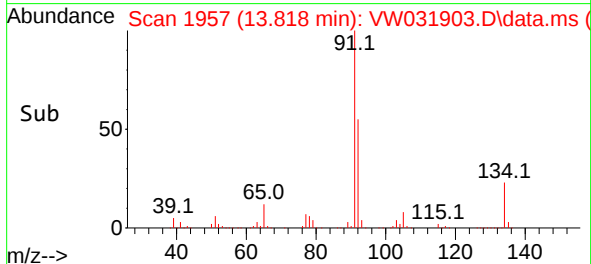
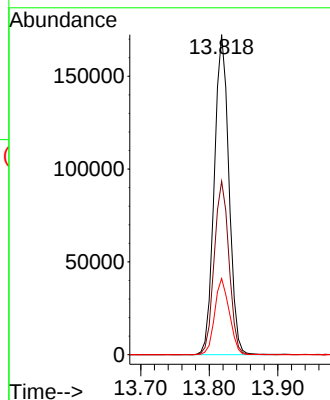
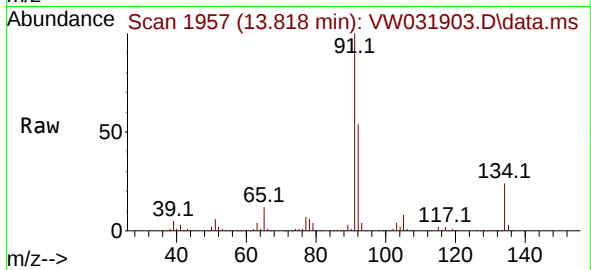




#89
n-Butylbenzene
Concen: 20.533 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

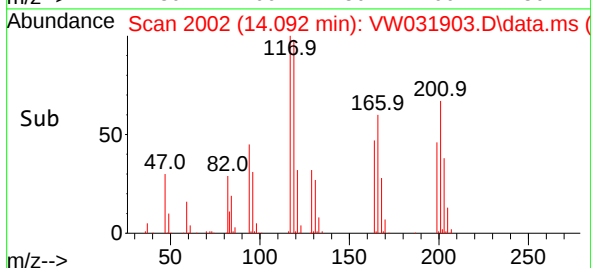
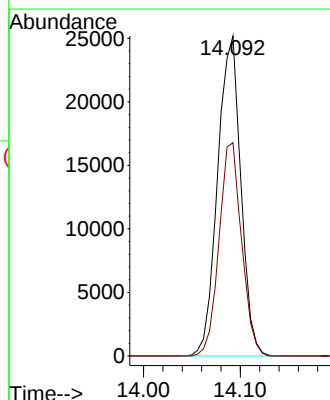
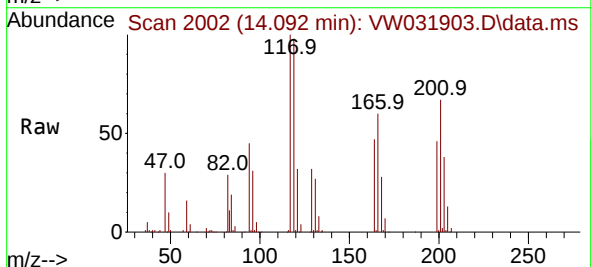
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

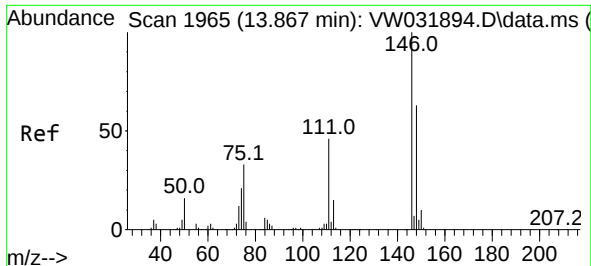
Tgt Ion: 91 Resp: 255544
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 23.7 11.6 34.7



#90
Hexachloroethane
Concen: 19.103 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 117 Resp: 41908
Ion Ratio Lower Upper
117 100
201 64.7 28.4 85.2

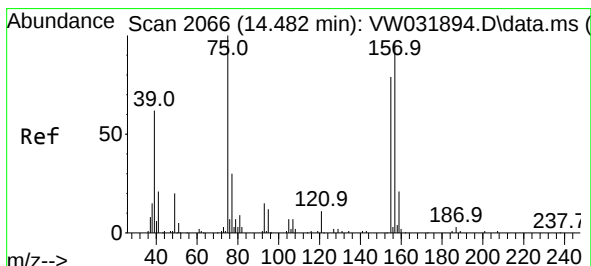
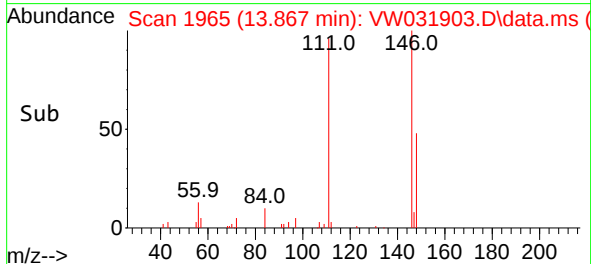
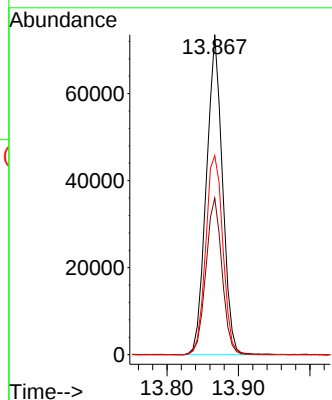
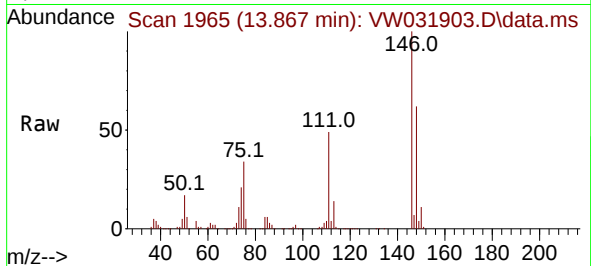




#91
1,2-Dichlorobenzene
Concen: 20.180 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

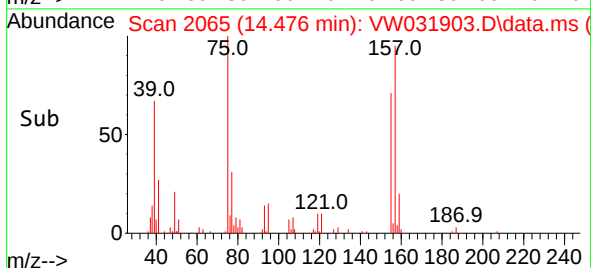
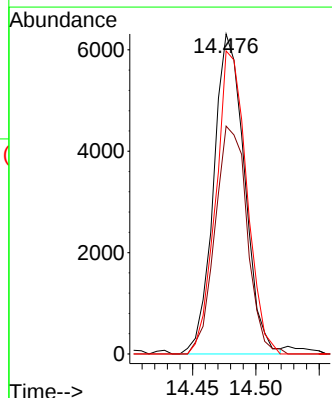
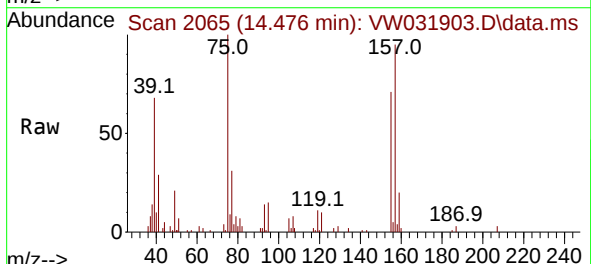
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

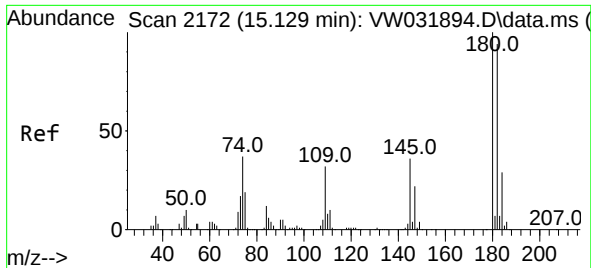
Tgt Ion:146 Resp: 115243
Ion Ratio Lower Upper
146 100
111 49.0 23.6 71.0
148 65.9 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.513 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion: 75 Resp: 10706
Ion Ratio Lower Upper
75 100
155 73.8 35.9 107.7
157 94.3 47.4 142.2

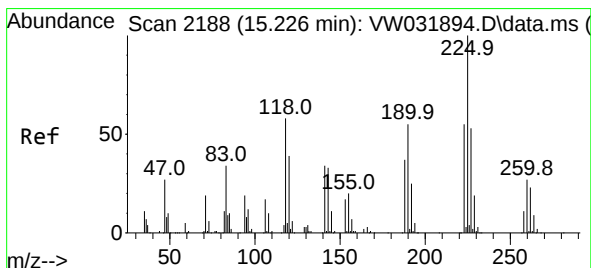
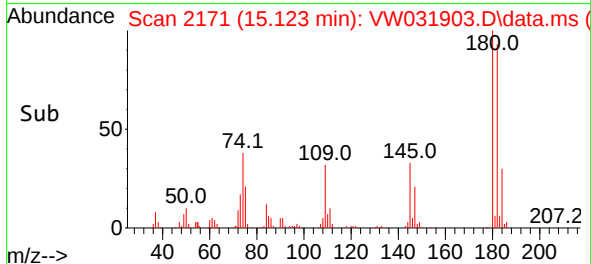
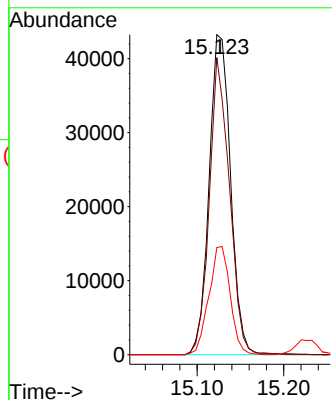
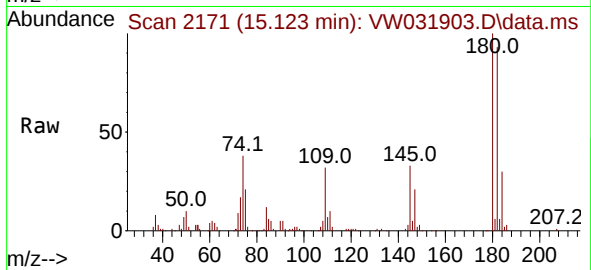




#93
1,2,4-Trichlorobenzene
Concen: 21.620 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

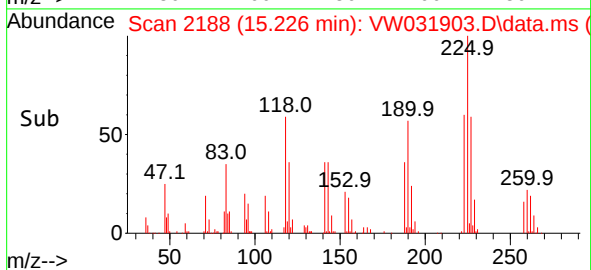
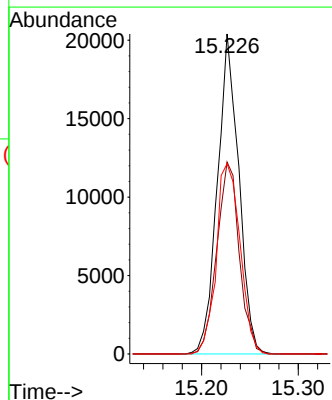
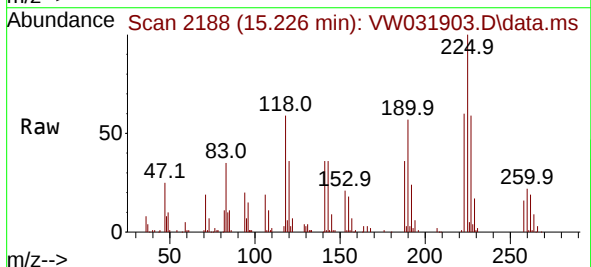
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

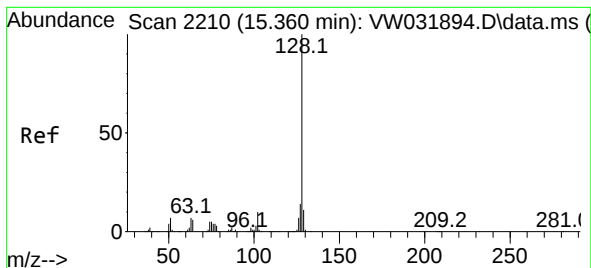
Tgt Ion:180 Resp: 74458
Ion Ratio Lower Upper
180 100
182 87.0 51.0 153.1
145 33.6 18.4 55.4



#94
Hexachlorobutadiene
Concen: 19.174 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031903.D
Acq: 23 Jul 2025 11:10

Tgt Ion:225 Resp: 31291
Ion Ratio Lower Upper
225 100
223 63.2 30.9 92.7
227 66.2 30.0 90.1





#95

Naphthalene

Concen: 20.558 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBSD01

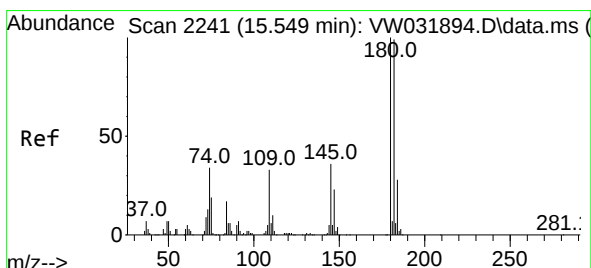
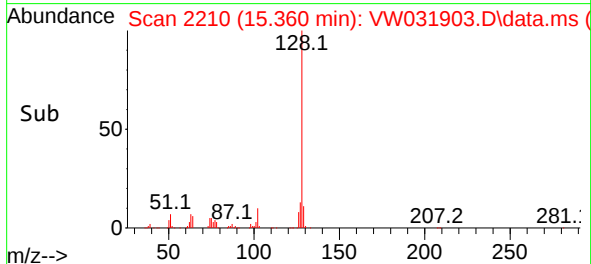
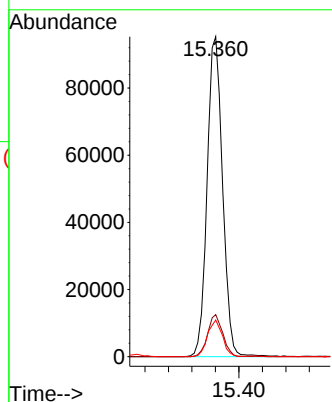
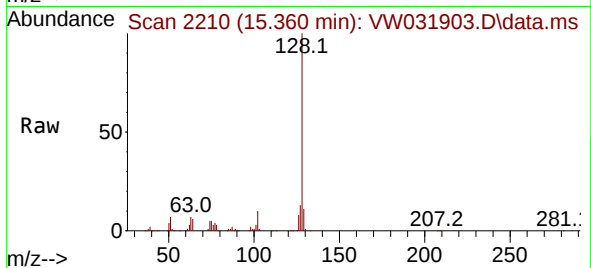
Tgt Ion:128 Resp: 174067

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.0 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 21.147 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031903.D

Acq: 23 Jul 2025 11:10

Tgt Ion:180 Resp: 65987

Ion Ratio Lower Upper

180 100

182 91.9 50.4 151.2

145 35.2 18.6 55.8

