

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032163.D
 Acq On : 28 Aug 2025 16:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Aug 29 01:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	203954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	344715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	330689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141055	48.359	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.720%
35) Dibromofluoromethane	7.904	113	116913	48.341	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.680%
50) Toluene-d8	10.325	98	412227	48.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.617	95	151325	48.201	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	58861	43.712	ug/l	93
3) Chloromethane	2.253	50	59471	42.123	ug/l	97
4) Vinyl Chloride	2.405	62	79235	43.209	ug/l	96
5) Bromomethane	2.826	94	69717	42.574	ug/l	100
6) Chloroethane	2.972	64	57722	44.697	ug/l	93
7) Trichlorofluoromethane	3.302	101	75964	41.809	ug/l	91
8) Diethyl Ether	3.722	74	61887	45.643	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	91647	44.776	ug/l	100
10) Methyl Iodide	4.307	142	144035	46.216	ug/l	99
11) Tert butyl alcohol	5.216	59	41921	234.965	ug/l	99
12) 1,1-Dichloroethene	4.076	96	98096	45.509	ug/l	96
13) Acrolein	3.929	56	50986	185.910	ug/l	98
14) Allyl chloride	4.704	41	138942	45.379	ug/l	100
15) Acrylonitrile	5.405	53	164373	249.345	ug/l	100
16) Acetone	4.161	43	132596	209.904	ug/l	94
17) Carbon Disulfide	4.423	76	242812	45.038	ug/l	99
18) Methyl Acetate	4.710	43	109467	54.388	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	196939	48.383	ug/l	98
20) Methylene Chloride	4.954	84	120849	46.357	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	116195	48.254	ug/l	94
22) Diisopropyl ether	6.344	45	329427	49.434	ug/l	98
23) Vinyl Acetate	6.283	43	1101741	243.170	ug/l	98
24) 1,1-Dichloroethane	6.246	63	205876	47.191	ug/l	99
25) 2-Butanone	7.197	43	223914	250.146	ug/l	98
26) 2,2-Dichloropropane	7.185	77	104020	45.024	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	140431	47.926	ug/l	99
28) Bromochloromethane	7.532	49	99736	49.941	ug/l	100
29) Tetrahydrofuran	7.557	42	146230	257.074	ug/l	99
30) Chloroform	7.691	83	241289	48.442	ug/l	100
31) Cyclohexane	7.971	56	156887	43.814	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	169266	46.552	ug/l	98
36) 1,1-Dichloropropene	8.099	75	153299	48.887	ug/l	99
37) Ethyl Acetate	7.276	43	94996	50.500	ug/l	100
38) Carbon Tetrachloride	8.081	117	159053	47.315	ug/l	92
39) Methylcyclohexane	9.343	83	174516	46.987	ug/l	96
40) Benzene	8.337	78	475746	49.081	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032163.D
 Acq On : 28 Aug 2025 16:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Aug 29 01:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	51244	49.032	ug/l	98
42) 1,2-Dichloroethane	8.410	62	167545	49.861	ug/l	99
43) Isopropyl Acetate	8.435	43	175377	49.696	ug/l	99
44) Trichloroethene	9.105	130	116139	47.645	ug/l	90
45) 1,2-Dichloropropane	9.374	63	116056	49.668	ug/l	99
46) Dibromomethane	9.465	93	80286	48.988	ug/l	99
47) Bromodichloromethane	9.654	83	184053	49.419	ug/l	98
48) Methyl methacrylate	9.441	41	83683	51.455	ug/l	96
49) 1,4-Dioxane	9.465	88	21836	1102.733	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	526554	264.247	ug/l	99
52) Toluene	10.392	92	312548	49.343	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	161574	49.177	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	185079	49.369	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	103871	48.739	ug/l	98
56) Ethyl methacrylate	10.648	69	143415	52.637	ug/l	99
57) 1,3-Dichloropropane	10.934	76	174545	48.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	362403	249.197	ug/l	99
59) 2-Hexanone	10.971	43	375163	270.711	ug/l	99
60) Dibromochloromethane	11.129	129	127366	49.389	ug/l	97
61) 1,2-Dibromoethane	11.239	107	102532	48.923	ug/l	99
64) Tetrachloroethene	10.861	164	100520	46.185	ug/l	93
65) Chlorobenzene	11.660	112	349339	46.412	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	117372	47.364	ug/l	98
67) Ethyl Benzene	11.733	91	595625	48.297	ug/l	98
68) m/p-Xylenes	11.837	106	459364	96.784	ug/l	96
69) o-Xylene	12.166	106	225028	50.123	ug/l	95
70) Styrene	12.184	104	382003	48.269	ug/l	99
71) Bromoform	12.349	173	72933	49.553	ug/l #	98
73) Isopropylbenzene	12.458	105	538161	46.850	ug/l	97
74) N-amyl acetate	12.269	43	161945	48.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	134635	49.319	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	166539	78.621	ug/l	39
77) Bromobenzene	12.745	156	142629	48.691	ug/l	98
78) n-propylbenzene	12.800	91	681595	48.874	ug/l	99
79) 2-Chlorotoluene	12.891	91	411959	48.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	470005	48.327	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	37907	48.183	ug/l	97
82) 4-Chlorotoluene	12.989	91	435680	47.728	ug/l	97
83) tert-Butylbenzene	13.202	119	409816	49.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	503859	50.077	ug/l	99
85) sec-Butylbenzene	13.379	105	588838	47.827	ug/l	100
86) p-Isopropyltoluene	13.495	119	513484	49.043	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	282362	47.874	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	272552	46.103	ug/l	98
89) n-Butylbenzene	13.818	91	485755	48.663	ug/l	98
90) Hexachloroethane	14.092	117	91410	47.730	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	250970	48.061	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	24027	49.821	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	159188	47.714	ug/l	98
94) Hexachlorobutadiene	15.232	225	75779	45.798	ug/l	96
95) Naphthalene	15.360	128	373913	49.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	147223	47.449	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
Data File : VW032163.D
Acq On : 28 Aug 2025 16:36
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

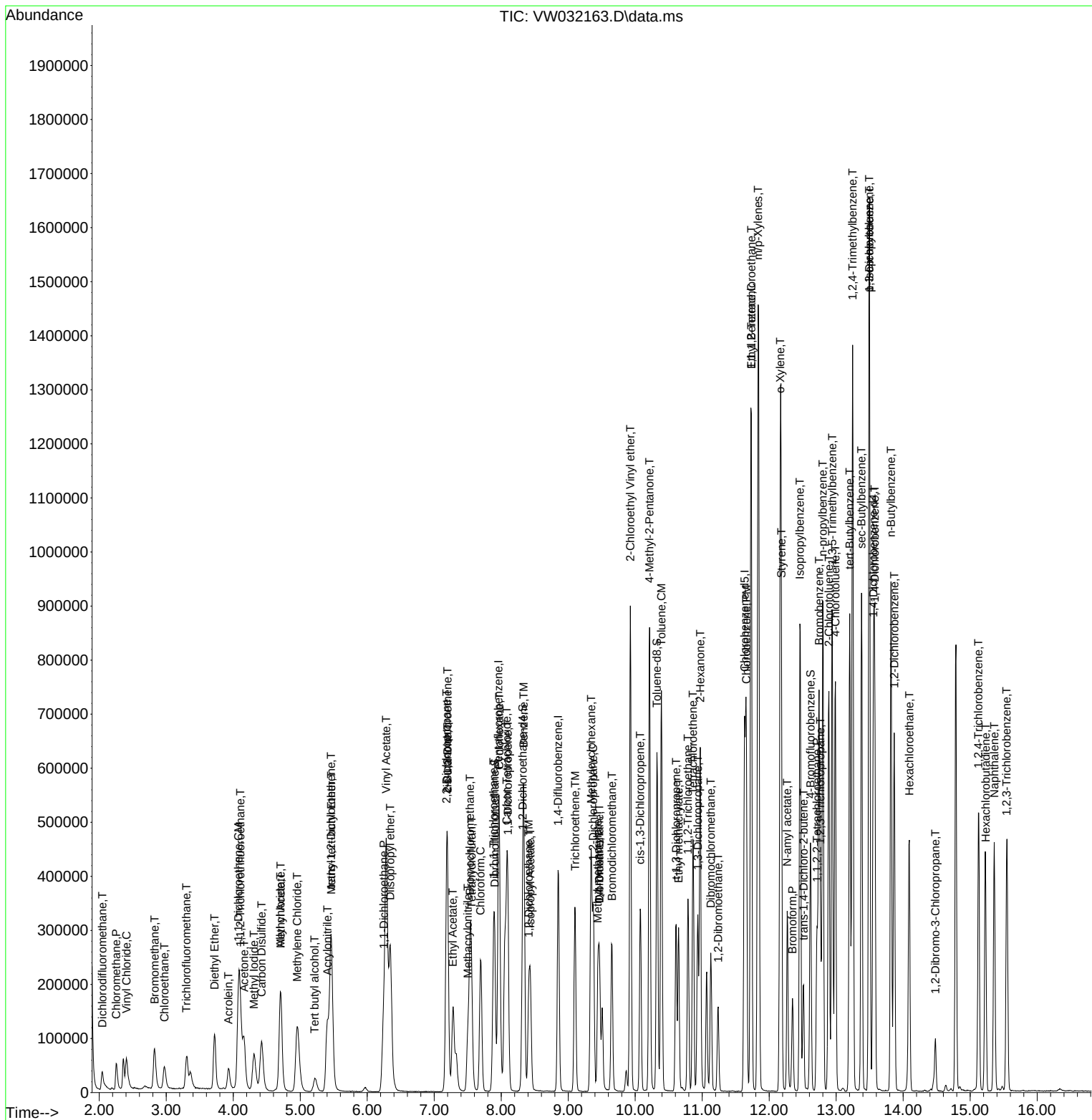
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

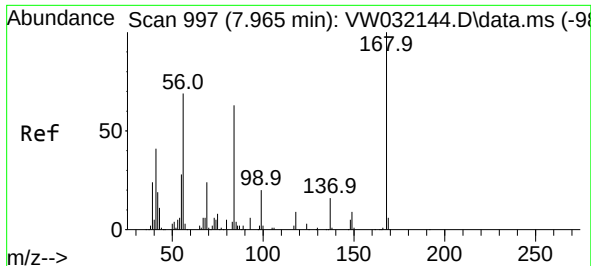
Quant Time: Aug 29 01:22:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Aug 29 01:22:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

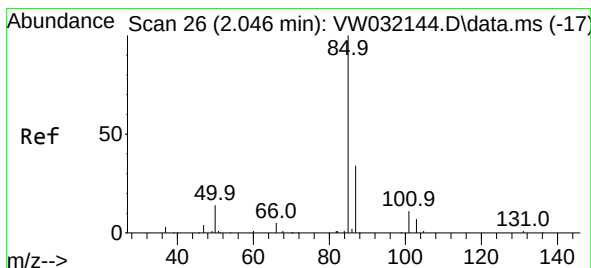
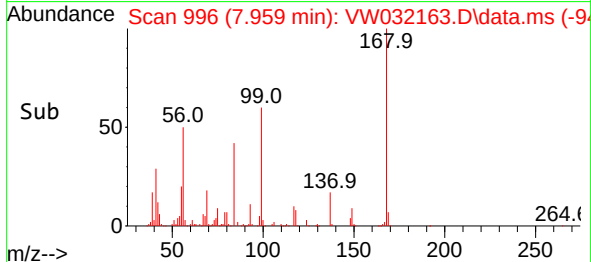
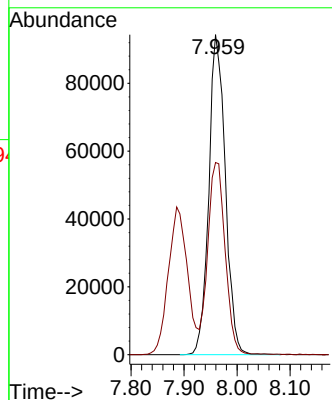
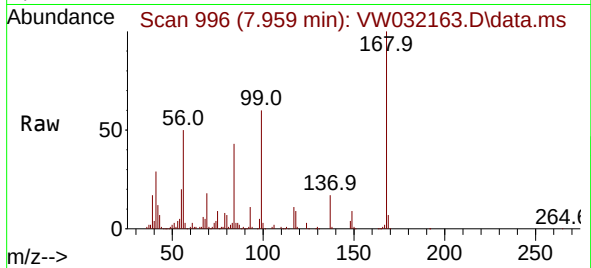




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

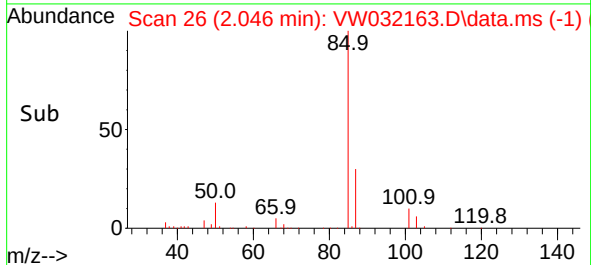
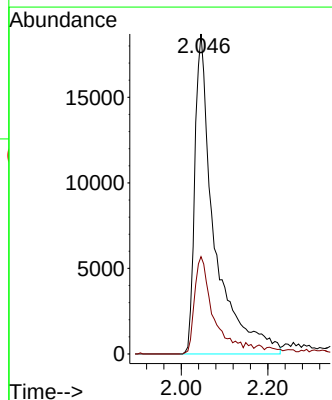
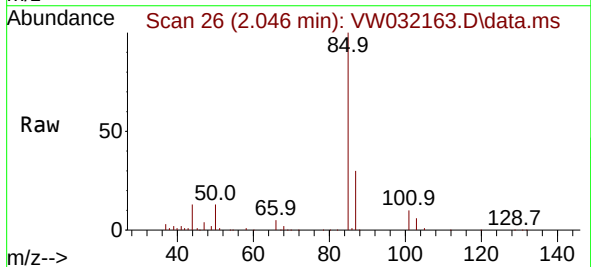
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

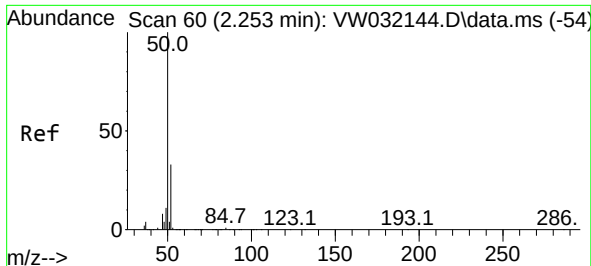
Tgt Ion:168 Resp: 203954
Ion Ratio Lower Upper
168 100
99 59.9 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 43.712 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 85 Resp: 58861
Ion Ratio Lower Upper
85 100
87 30.4 17.2 51.6

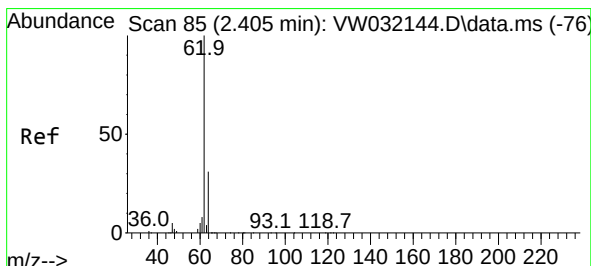
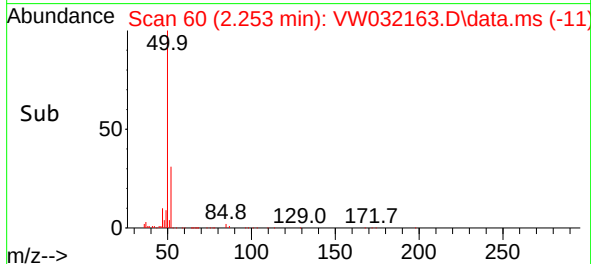
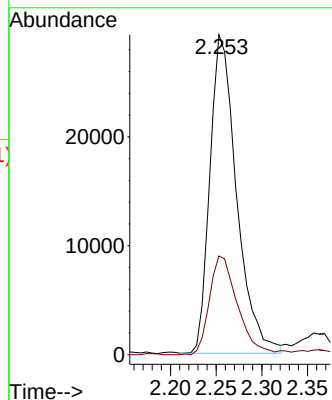
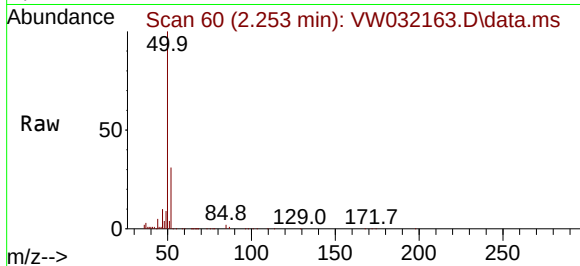




#3
Chloromethane
Concen: 42.123 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

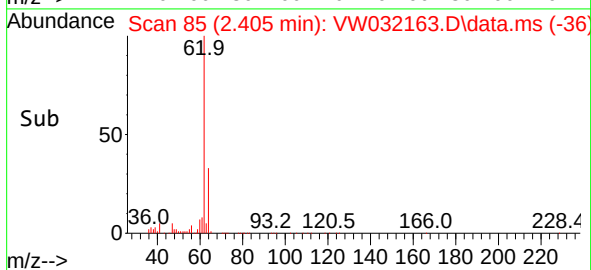
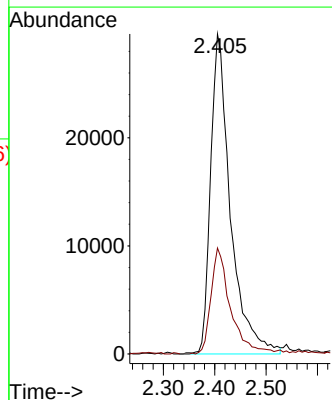
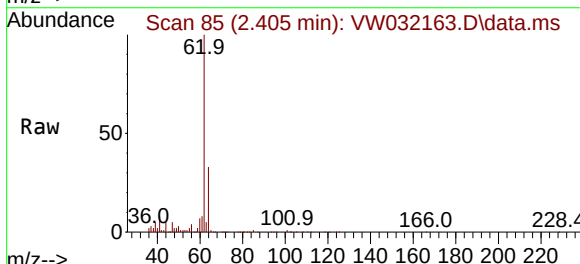
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

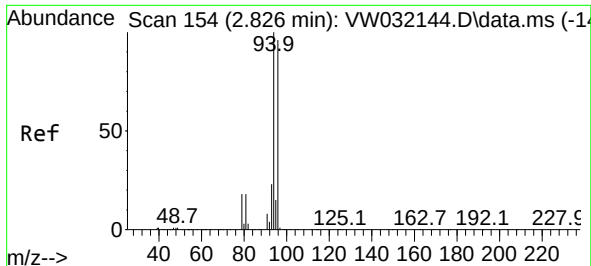
Tgt Ion: 50 Resp: 59471
Ion Ratio Lower Upper
50 100
52 31.0 26.1 39.1



#4
Vinyl Chloride
Concen: 43.209 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 62 Resp: 79235
Ion Ratio Lower Upper
62 100
64 33.1 24.8 37.2

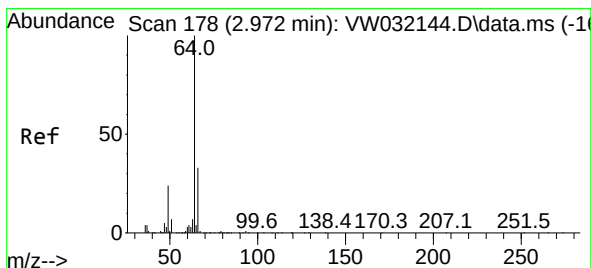
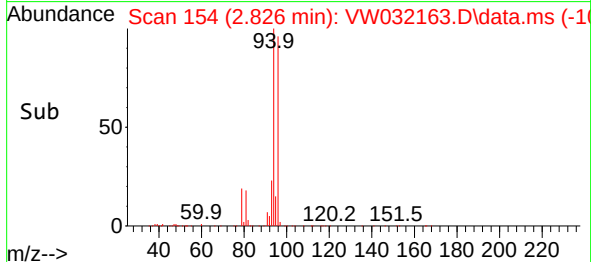
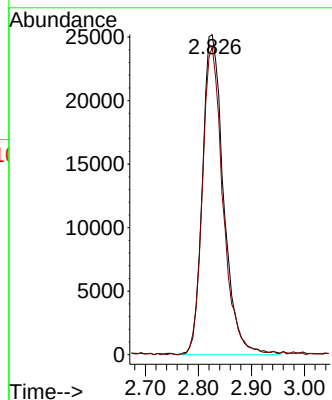
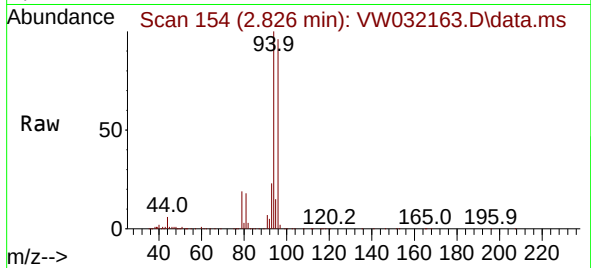




#5
Bromomethane
Concen: 42.574 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

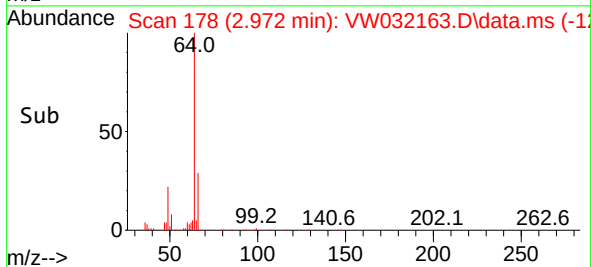
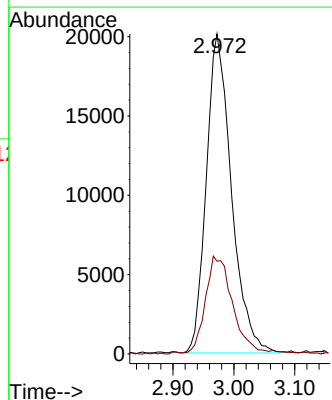
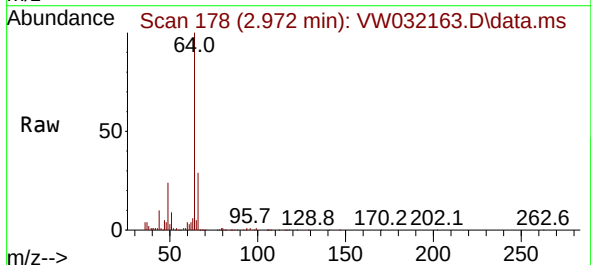
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

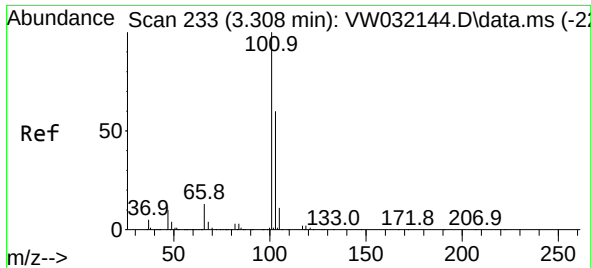
Tgt Ion: 94 Resp: 69717
Ion Ratio Lower Upper
94 100
96 95.8 76.6 115.0



#6
Chloroethane
Concen: 44.697 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 64 Resp: 57722
Ion Ratio Lower Upper
64 100
66 28.7 26.2 39.4

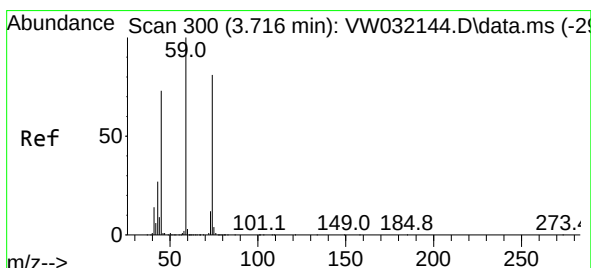
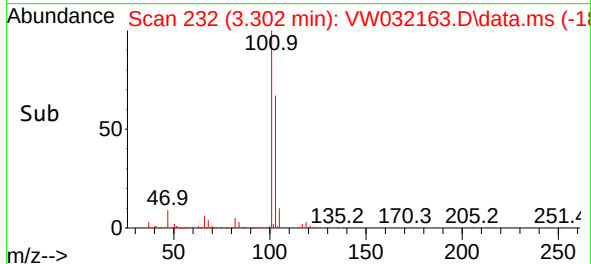
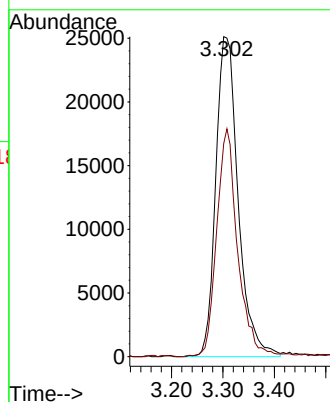
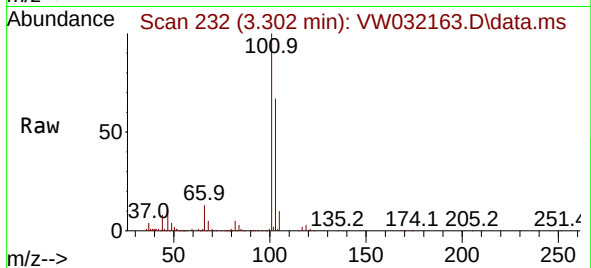




#7
 Trichlorofluoromethane
 Concen: 41.809 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032163.D
 Acq: 28 Aug 2025 16:36

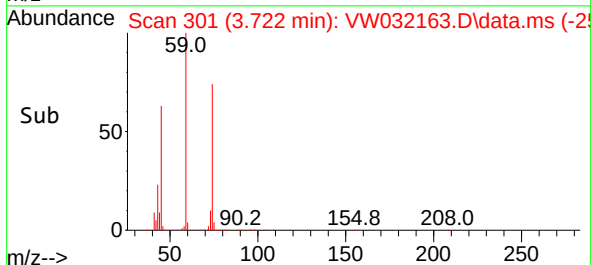
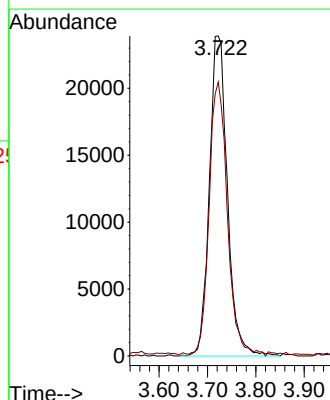
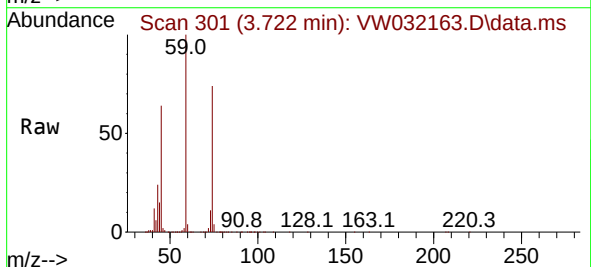
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

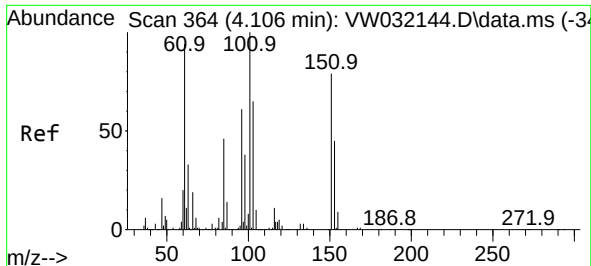
Tgt Ion:101 Resp: 75964
 Ion Ratio Lower Upper
 101 100
 103 66.6 47.8 71.8



#8
 Diethyl Ether
 Concen: 45.643 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032163.D
 Acq: 28 Aug 2025 16:36

Tgt Ion: 74 Resp: 61887
 Ion Ratio Lower Upper
 74 100
 45 87.0 43.1 129.4

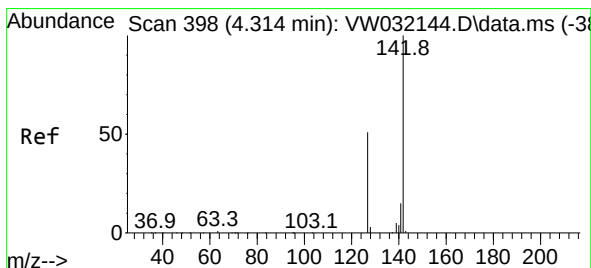
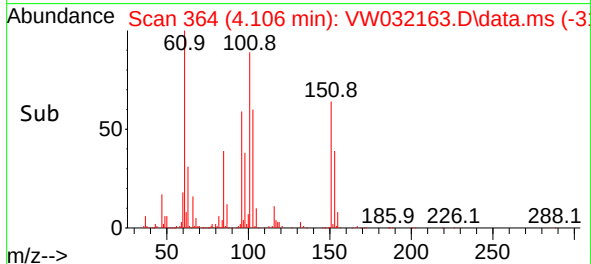
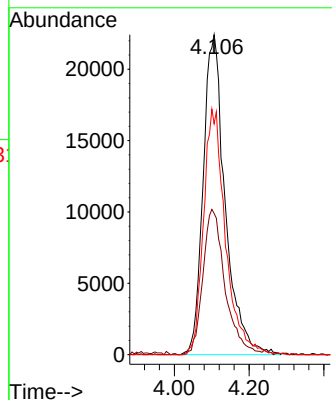
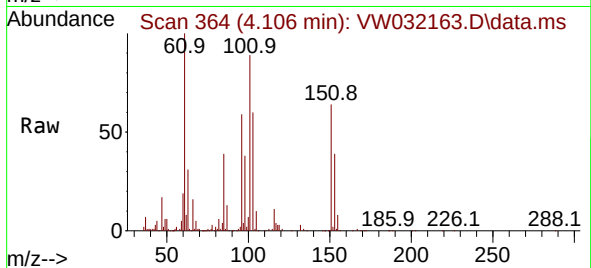




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.776 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

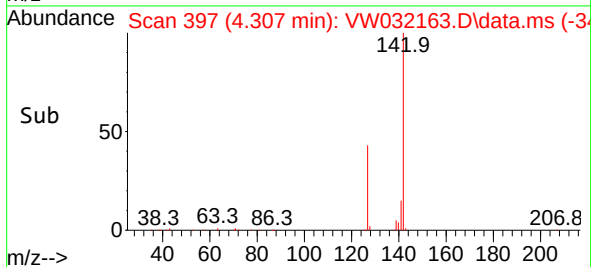
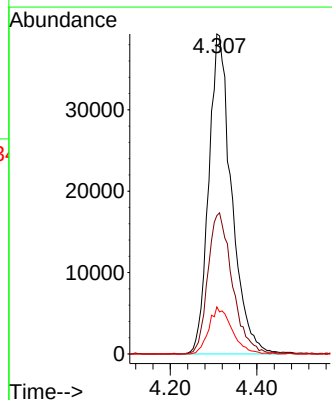
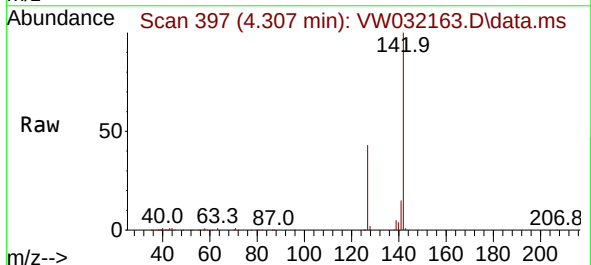
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

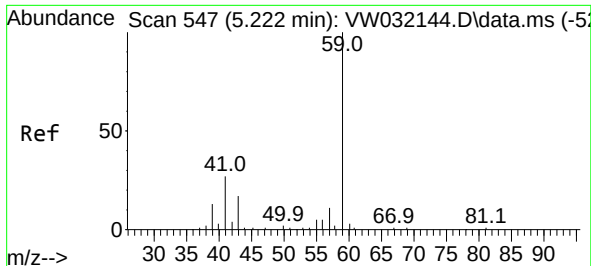
Tgt Ion:101 Resp: 91647
Ion Ratio Lower Upper
101 100
85 45.8 37.1 55.7
151 76.8 61.5 92.3



#10
Methyl Iodide
Concen: 46.216 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:142 Resp: 144035
Ion Ratio Lower Upper
142 100
127 47.3 38.2 57.2
141 14.8 12.2 18.2

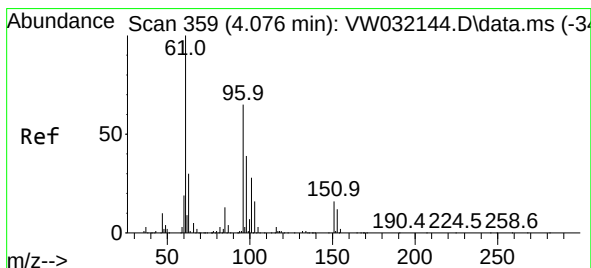
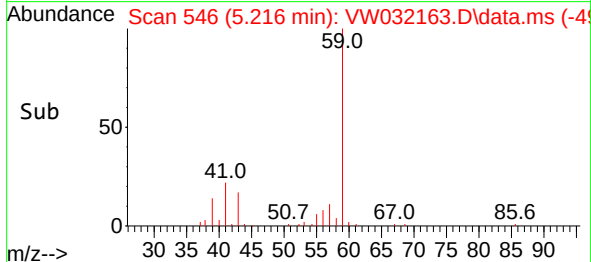
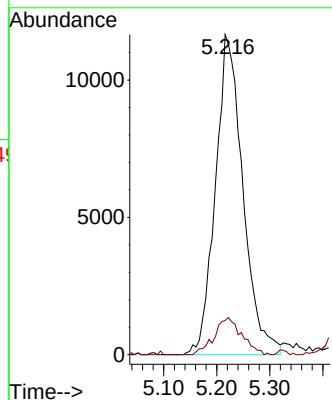
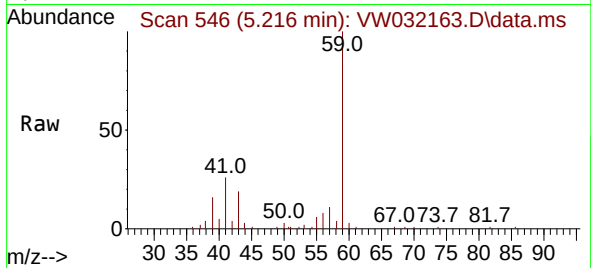




#11
Tert butyl alcohol
Concen: 234.965 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

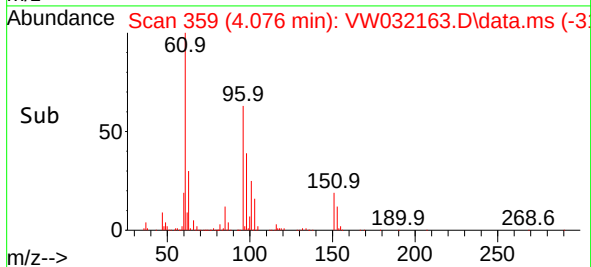
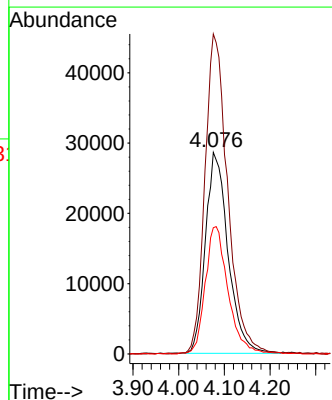
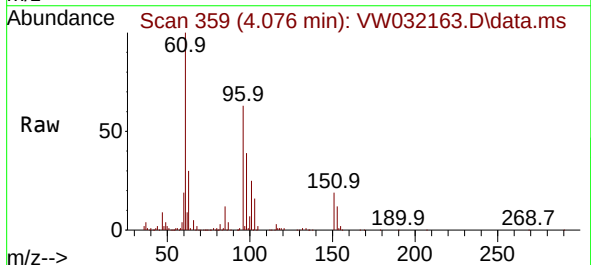
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

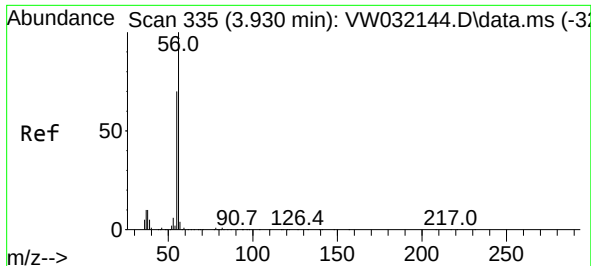
Tgt Ion: 59 Resp: 41921
Ion Ratio Lower Upper
59 100
57 11.6 9.8 14.6



#12
1,1-Dichloroethene
Concen: 45.509 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 96 Resp: 98096
Ion Ratio Lower Upper
96 100
61 159.0 123.0 184.4
98 62.3 48.5 72.7

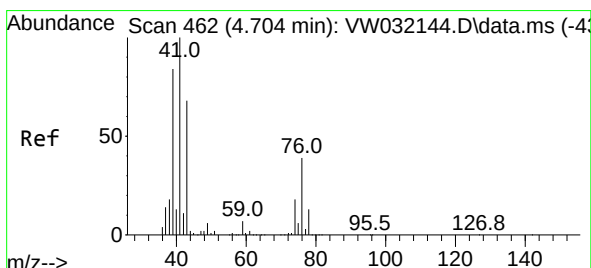
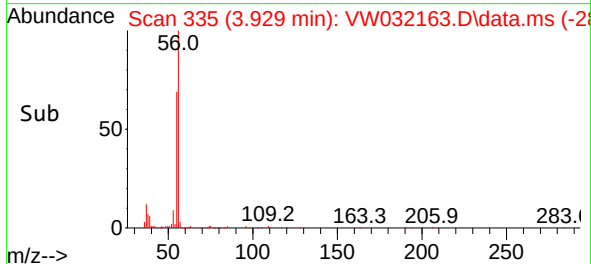
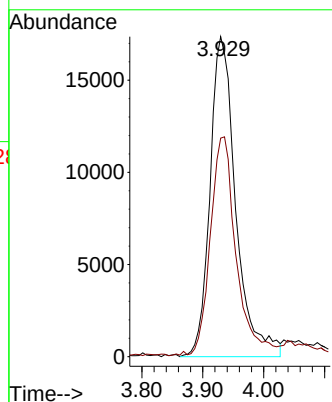
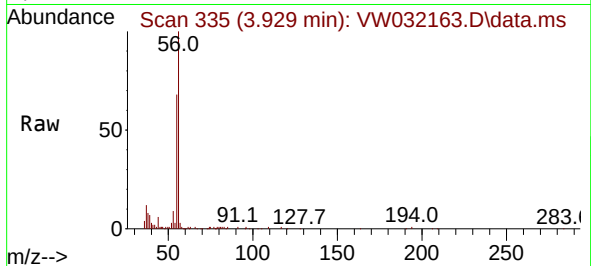




#13
Acrolein
Concen: 185.910 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

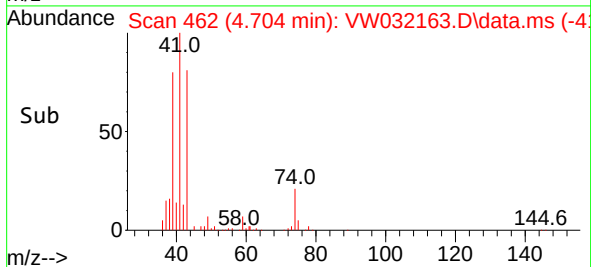
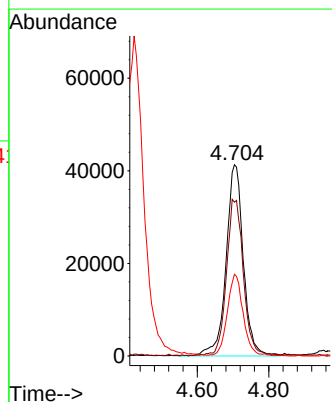
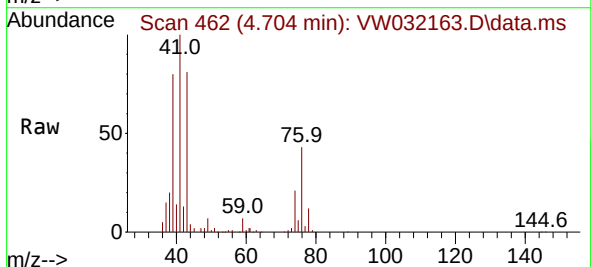
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

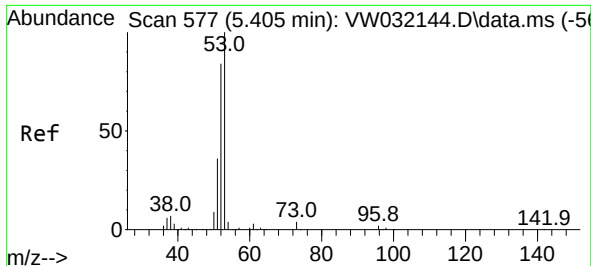
Tgt Ion: 56 Resp: 50986
Ion Ratio Lower Upper
56 100
55 68.5 56.4 84.6



#14
Allyl chloride
Concen: 45.379 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 41 Resp: 138942
Ion Ratio Lower Upper
41 100
39 80.4 64.1 96.1
76 39.3 31.4 47.2

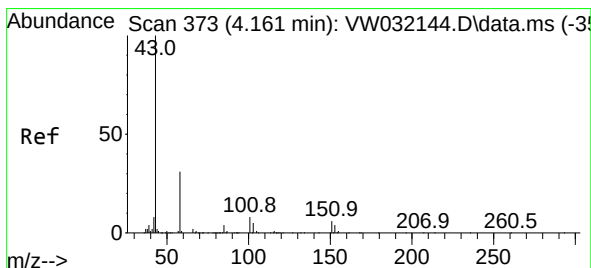
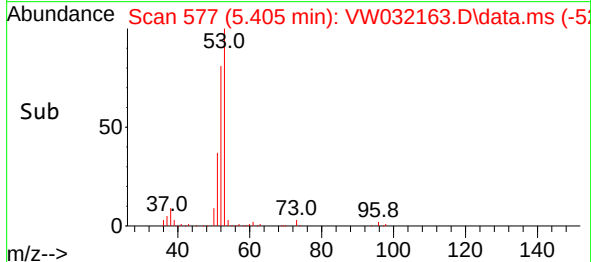
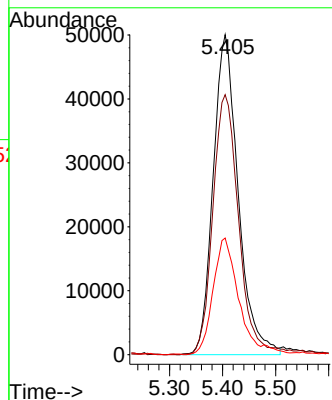
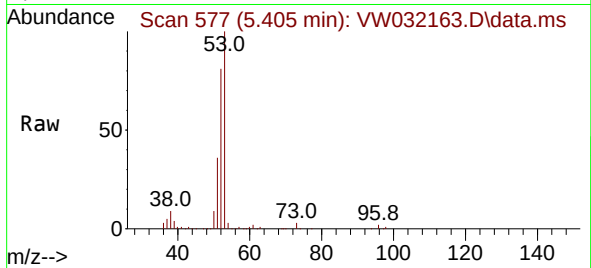




#15
Acrylonitrile
Concen: 249.345 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

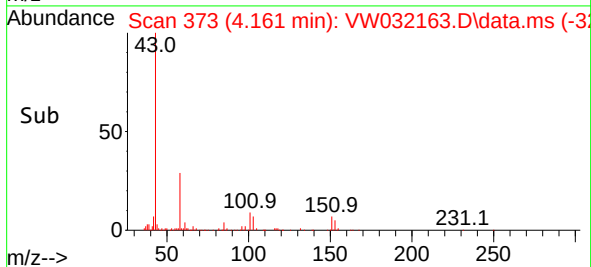
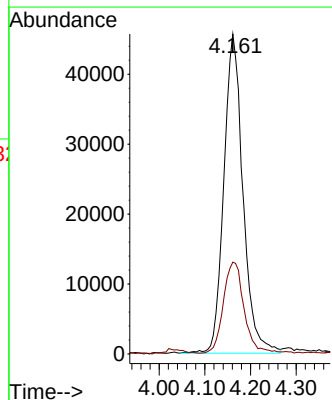
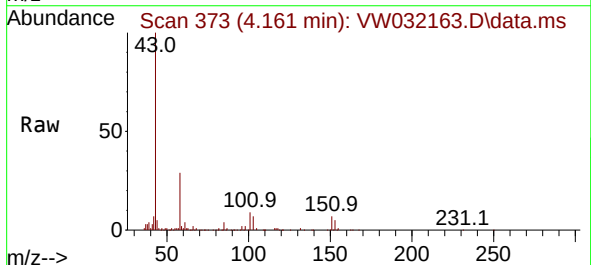
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

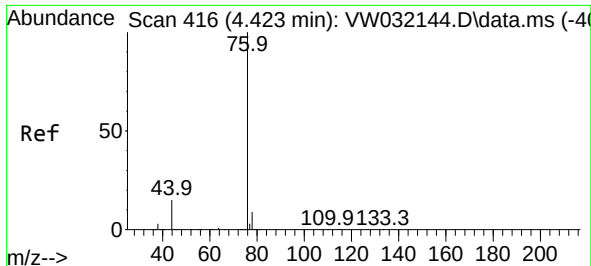
Tgt Ion: 53 Resp: 164373
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.7 30.3 45.5



#16
Acetone
Concen: 209.904 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 43 Resp: 132596
Ion Ratio Lower Upper
43 100
58 28.1 25.3 37.9

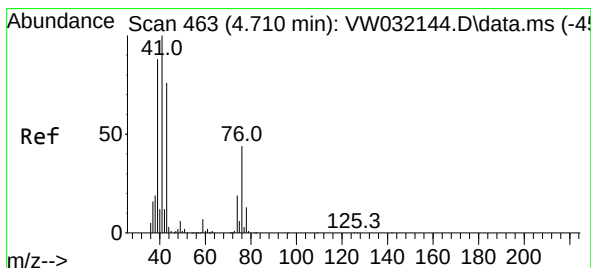
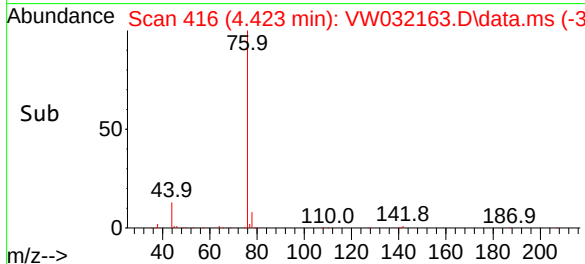
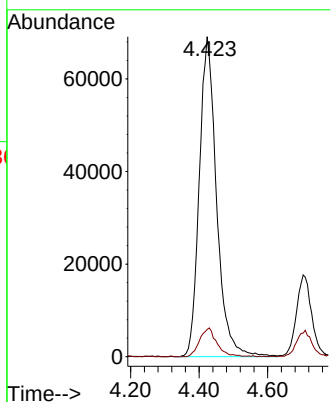
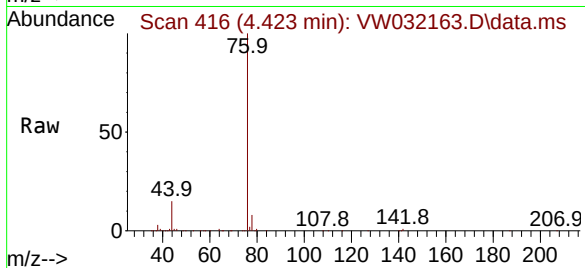




#17
Carbon Disulfide
Concen: 45.038 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

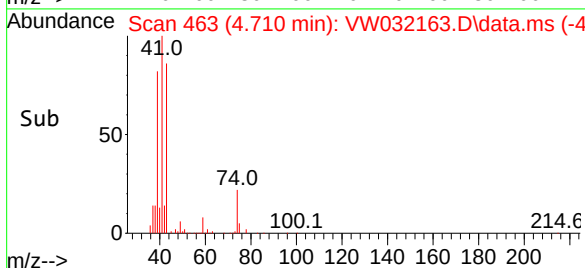
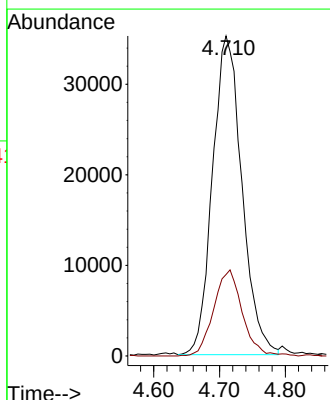
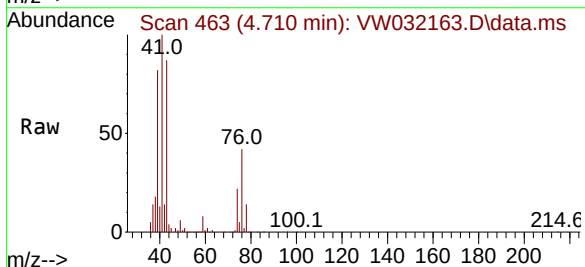
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

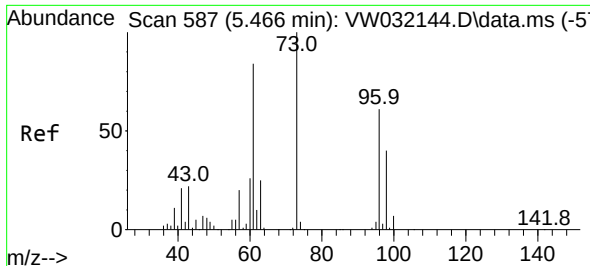
Tgt Ion: 76 Resp: 242812
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 54.388 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 43 Resp: 109467
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.4

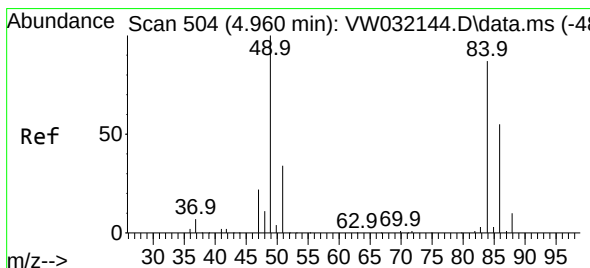
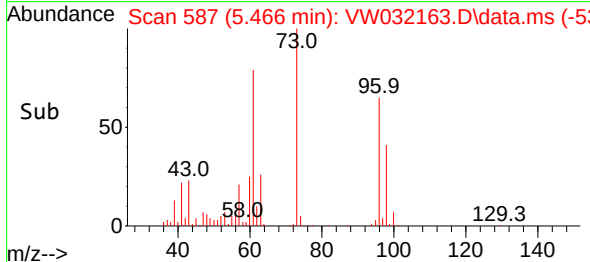
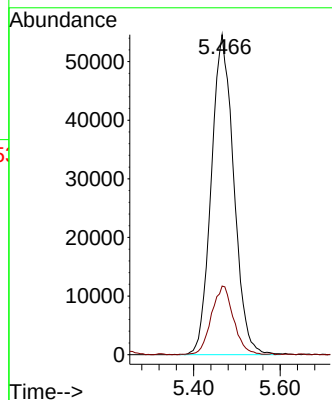
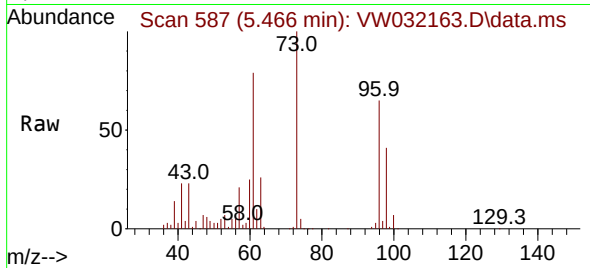




#19
Methyl tert-butyl Ether
Concen: 48.383 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

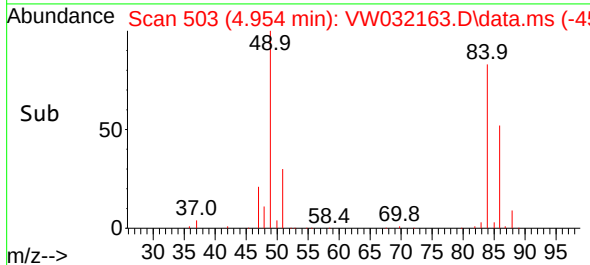
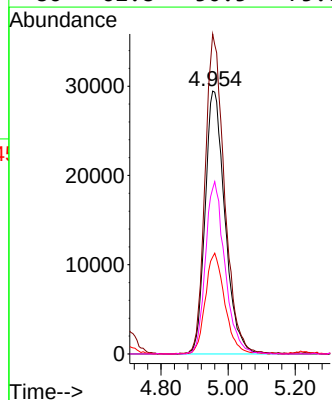
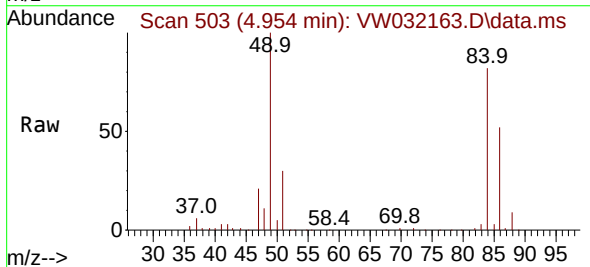
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

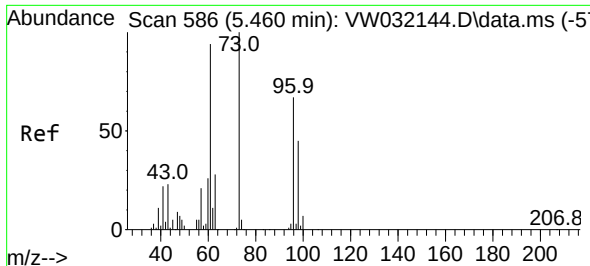
Tgt Ion: 73 Resp: 196939
Ion Ratio Lower Upper
73 100
57 21.3 16.2 24.4



#20
Methylene Chloride
Concen: 46.357 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 84 Resp: 120849
Ion Ratio Lower Upper
84 100
49 121.4 92.2 138.4
51 36.9 31.0 46.6
86 62.8 50.5 75.7

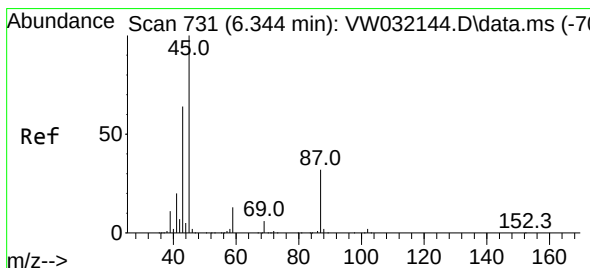
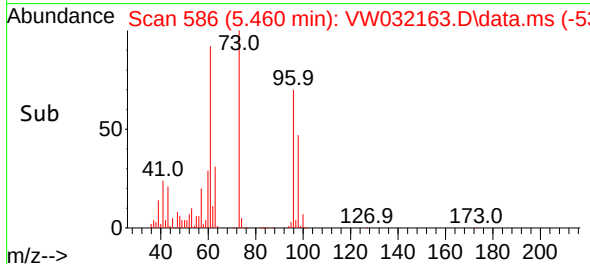
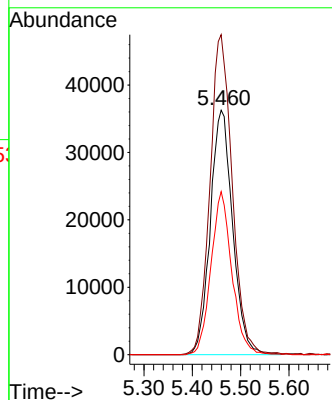
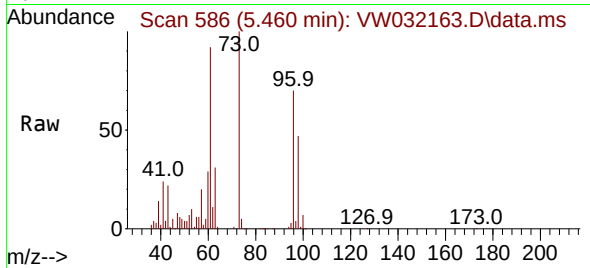




#21
trans-1,2-Dichloroethene
Concen: 48.254 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

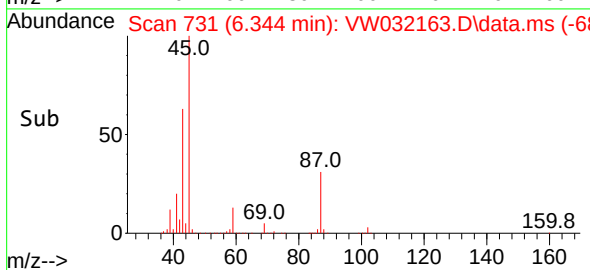
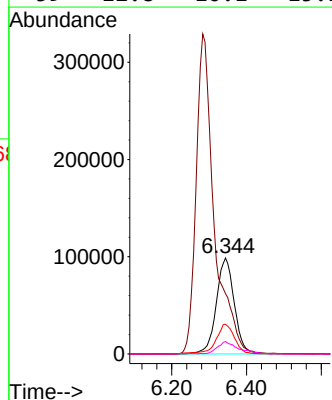
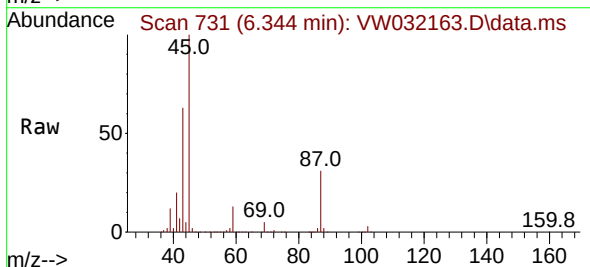
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

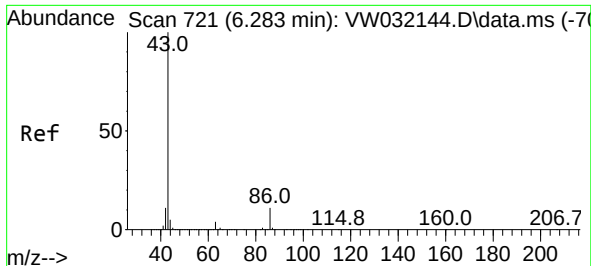
Tgt Ion: 96 Resp: 116195
Ion Ratio Lower Upper
96 100
61 130.9 112.5 168.7
98 66.7 54.2 81.4



#22
Diisopropyl ether
Concen: 49.434 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 45 Resp: 329427
Ion Ratio Lower Upper
45 100
43 62.3 51.4 77.2
87 30.8 25.9 38.9
59 12.8 10.1 15.1

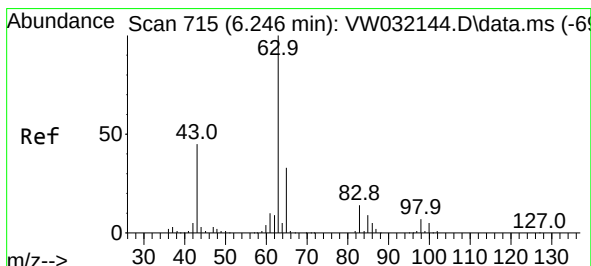
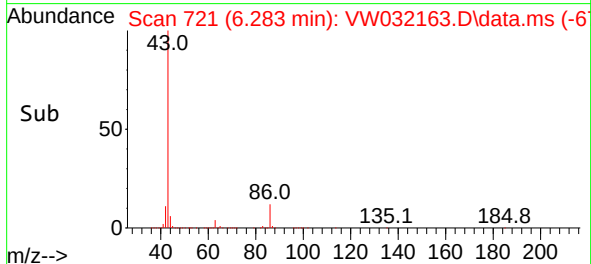
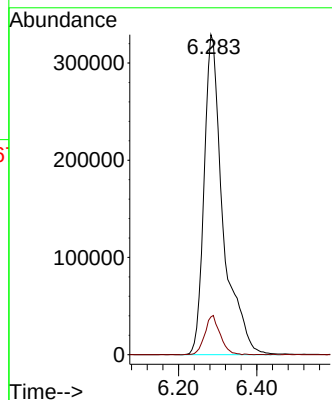
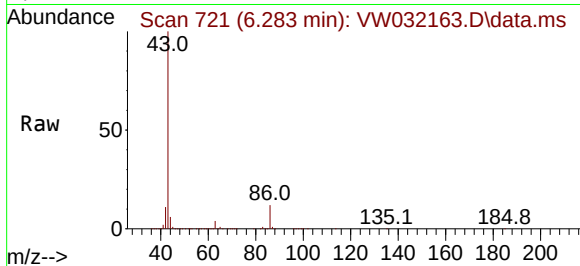




#23
 Vinyl Acetate
 Concen: 243.170 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032163.D
 Acq: 28 Aug 2025 16:36

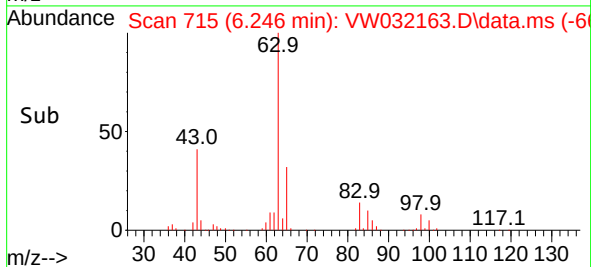
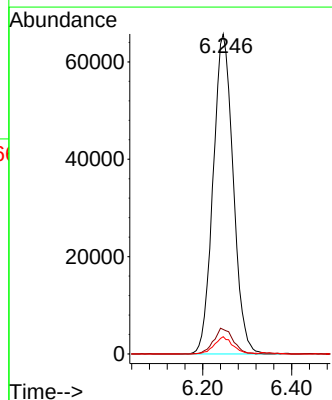
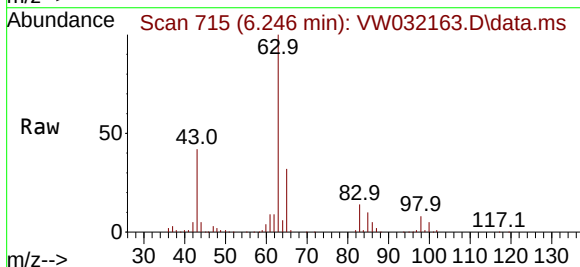
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

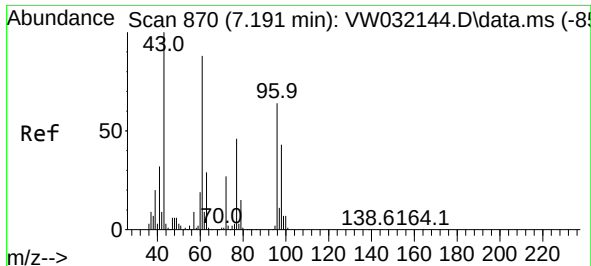
Tgt Ion: 43 Resp: 1101741
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 47.191 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032163.D
 Acq: 28 Aug 2025 16:36

Tgt Ion: 63 Resp: 205876
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 5.4 2.5 7.5

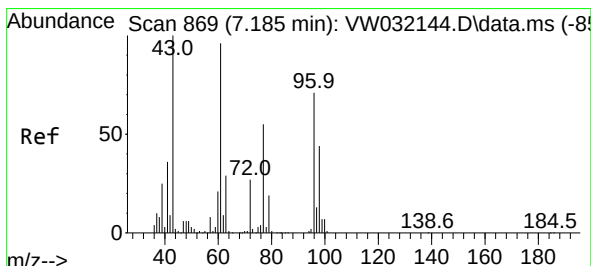
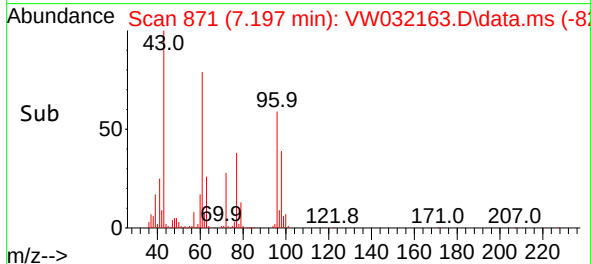
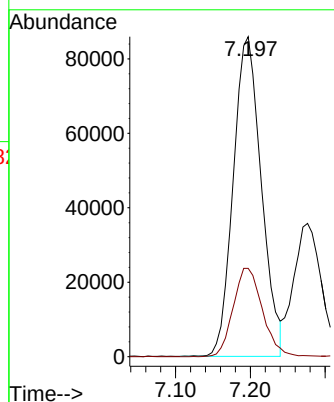
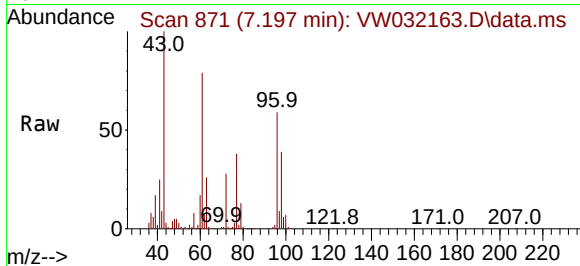




#25
2-Butanone
Concen: 250.146 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

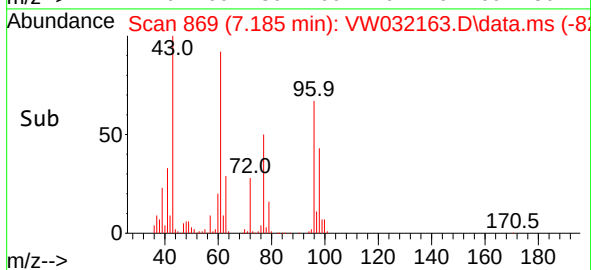
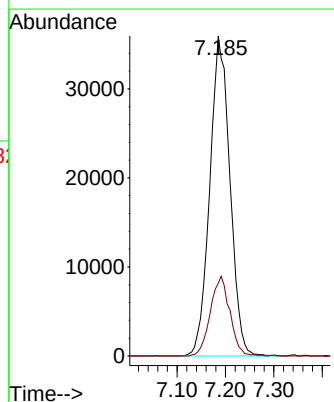
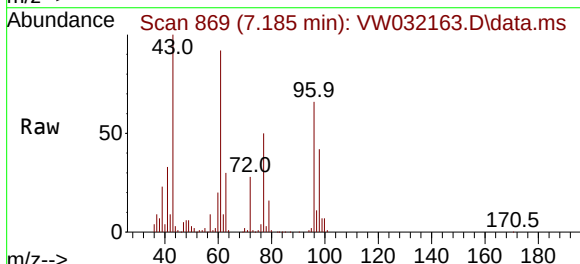
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

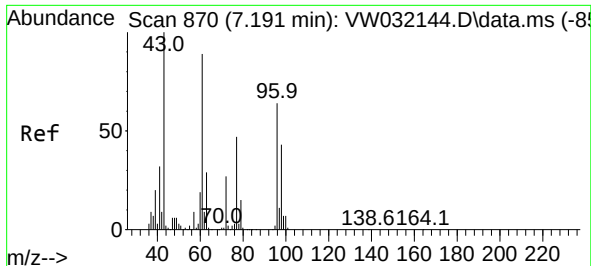
Tgt Ion: 43 Resp: 223914
Ion Ratio Lower Upper
43 100
72 27.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 45.024 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 77 Resp: 104020
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.926 ug/l

RT: 7.197 min Scan# 870

Delta R.T. 0.006 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

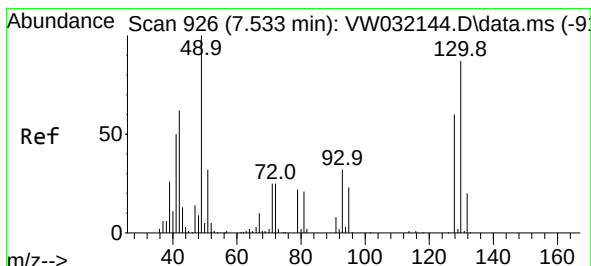
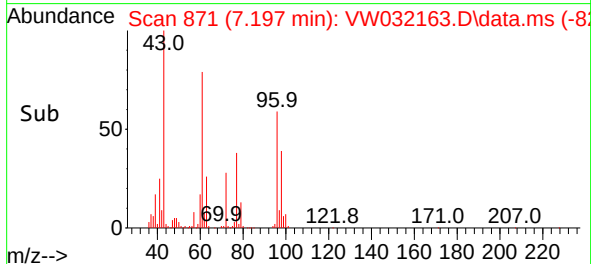
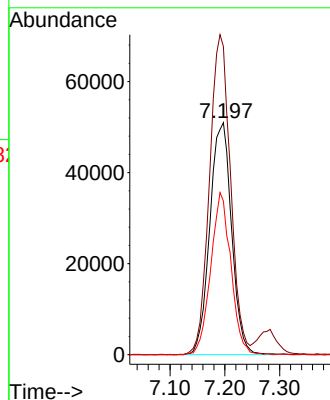
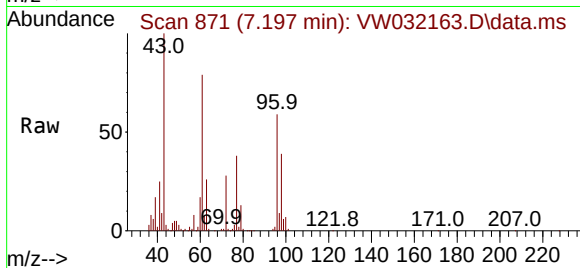
Tgt Ion: 96 Resp: 140431

Ion Ratio Lower Upper

96 100

61 133.1 0.0 268.0

98 64.8 0.0 130.8



#28

Bromochloromethane

Concen: 49.941 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

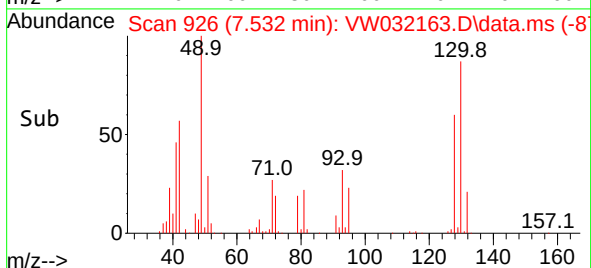
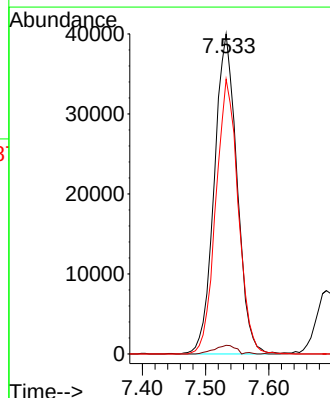
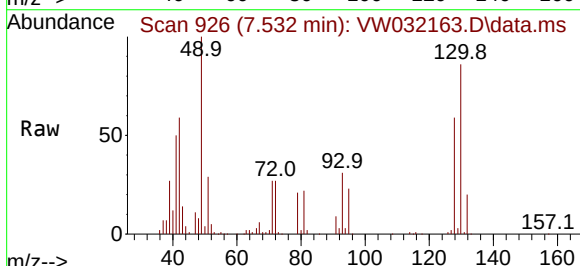
Tgt Ion: 49 Resp: 99736

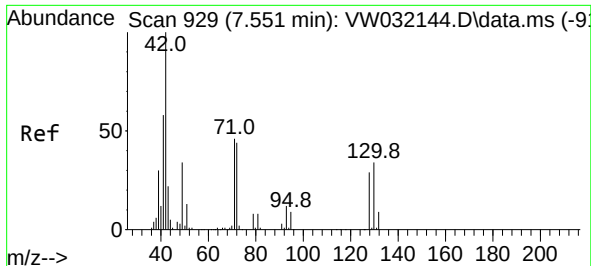
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 84.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 257.074 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

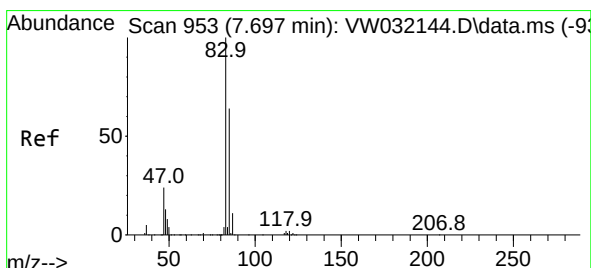
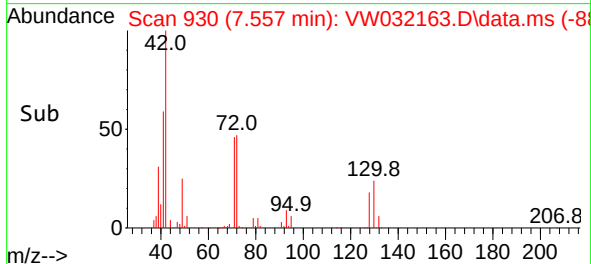
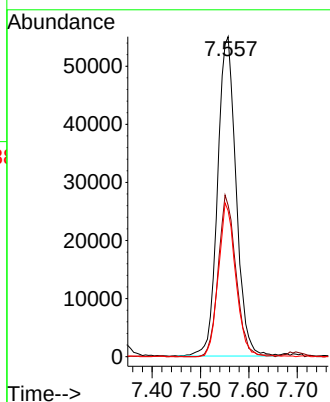
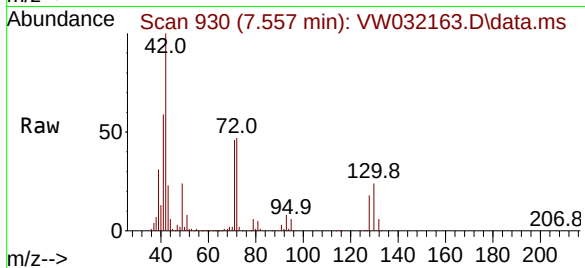
Tgt Ion: 42 Resp: 146230

Ion Ratio Lower Upper

42 100

72 48.4 37.4 56.2

71 45.0 36.0 54.0



#30

Chloroform

Concen: 48.442 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032163.D

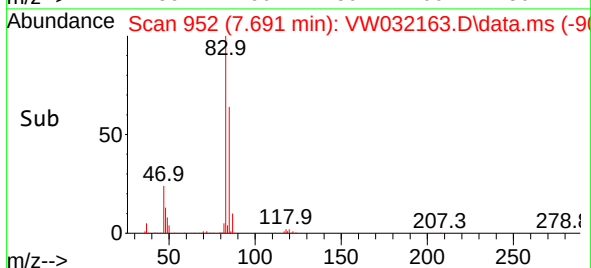
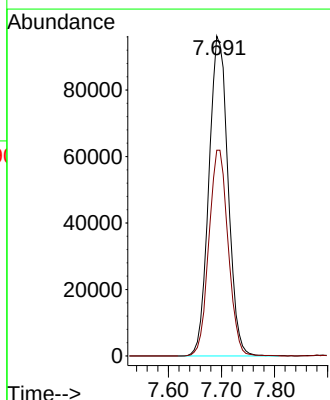
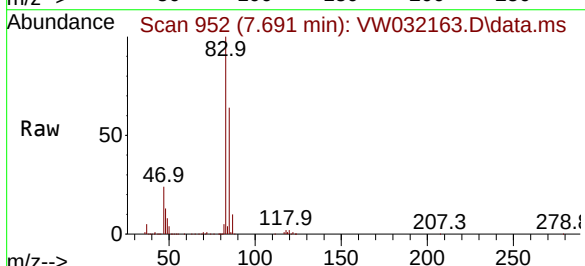
Acq: 28 Aug 2025 16:36

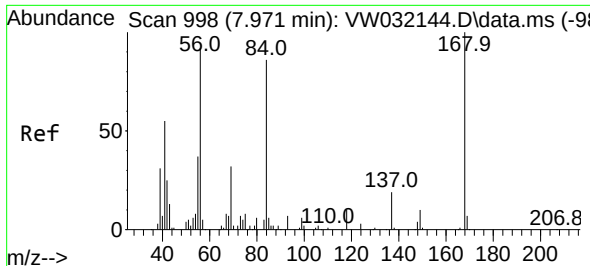
Tgt Ion: 83 Resp: 241289

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

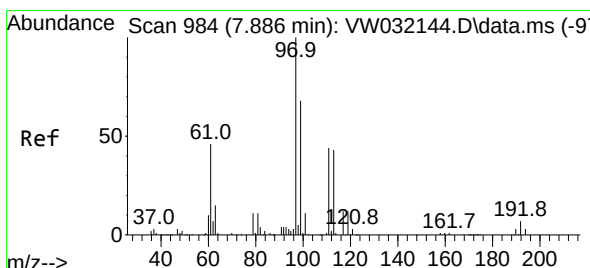
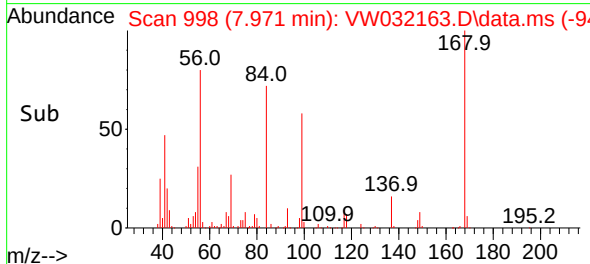
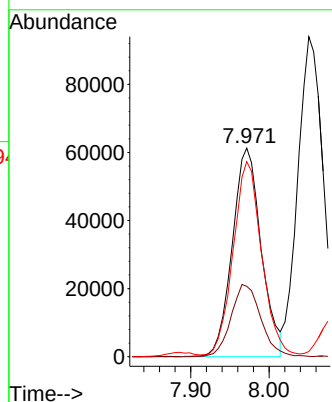
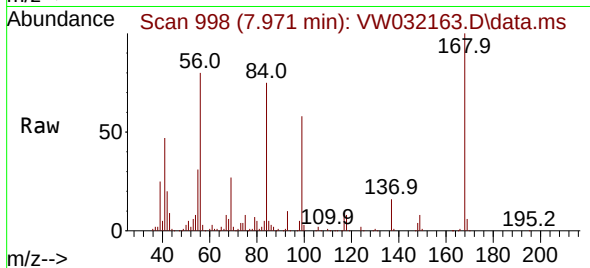




#31
Cyclohexane
Concen: 43.814 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

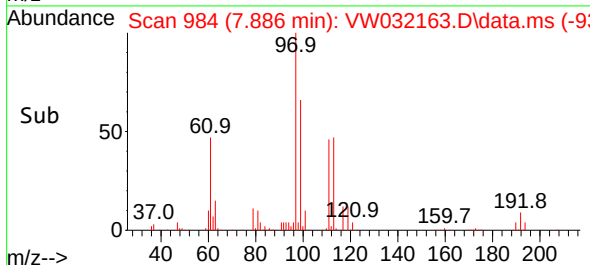
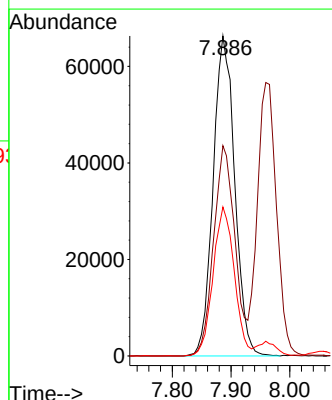
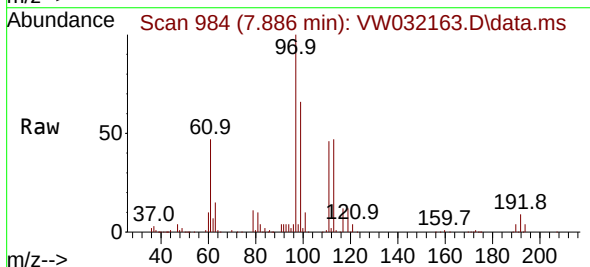
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

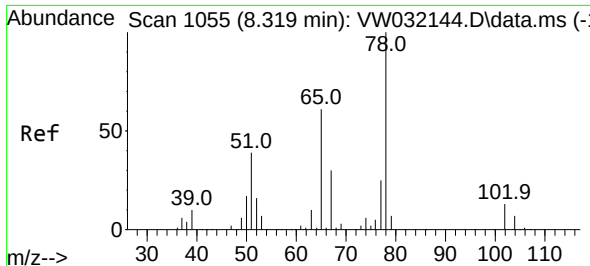
Tgt Ion: 56 Resp: 156887
Ion Ratio Lower Upper
56 100
69 33.7 27.7 41.5
84 91.3 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 46.552 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 97 Resp: 169266
Ion Ratio Lower Upper
97 100
99 65.4 50.9 76.3
61 45.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 48.359 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

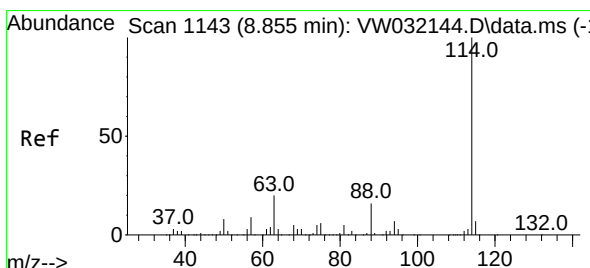
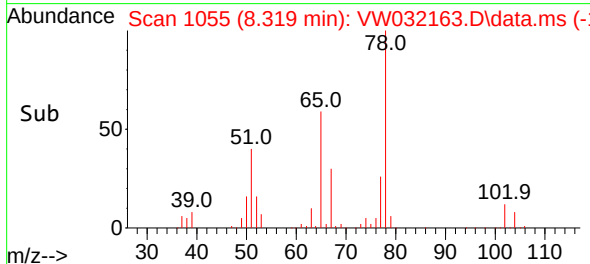
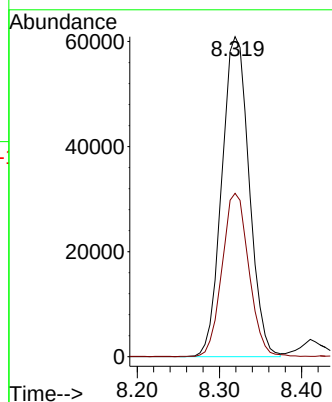
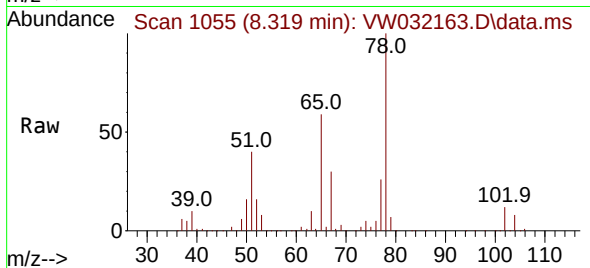
VIBLK

Tgt Ion: 65 Resp: 141055

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

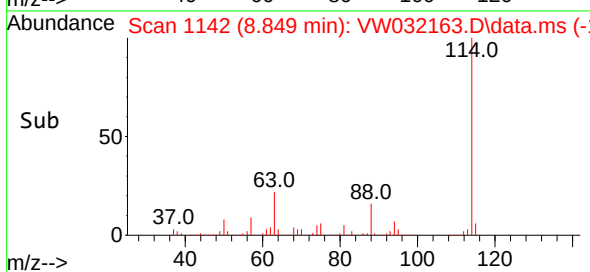
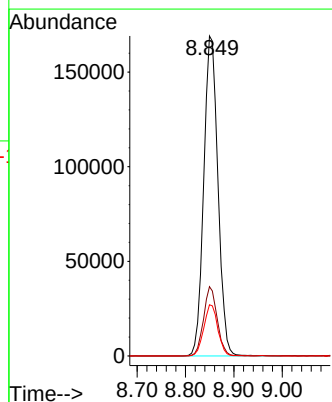
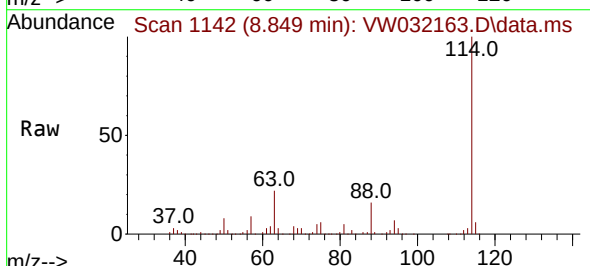
Tgt Ion: 114 Resp: 344715

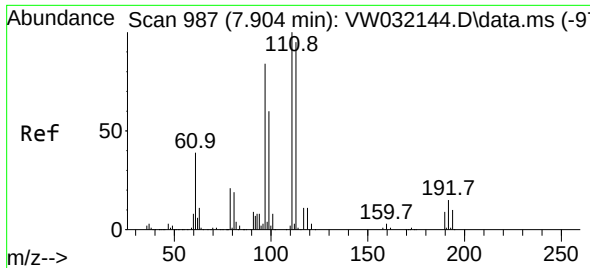
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.4

88 16.0 0.0 32.0

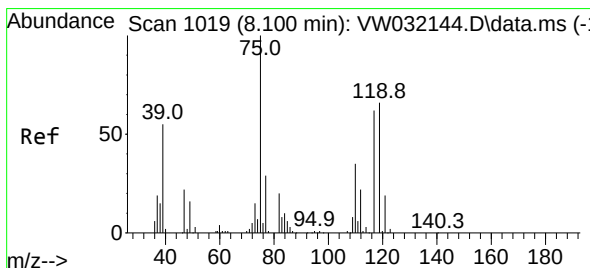
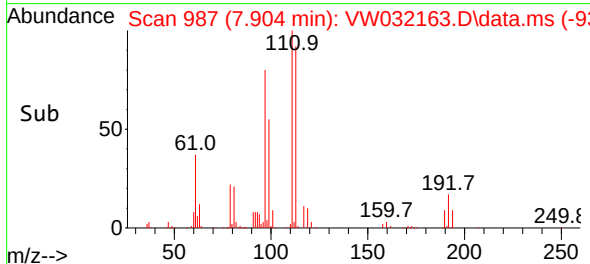
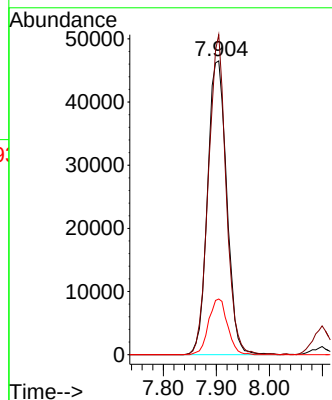
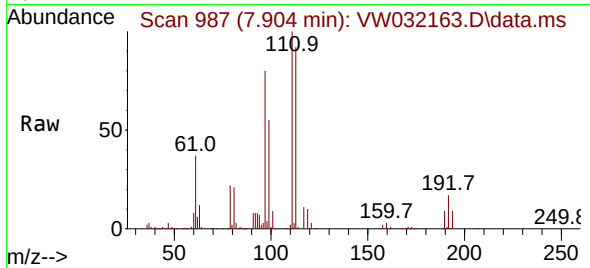




#35
Dibromofluoromethane
Concen: 48.341 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

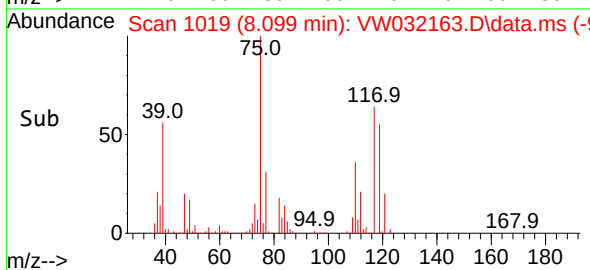
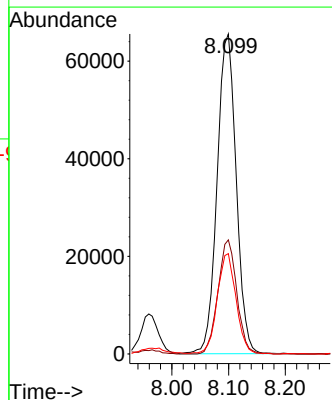
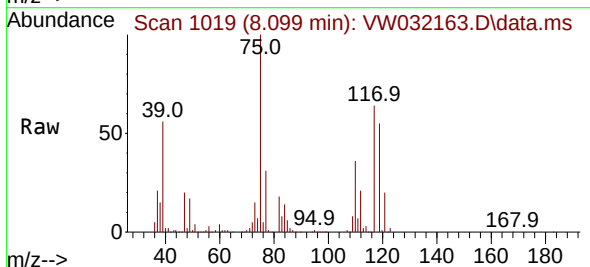
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

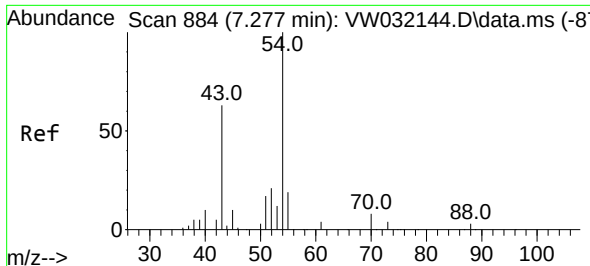
Tgt Ion:113 Resp: 116913
Ion Ratio Lower Upper
113 100
111 100.1 83.9 125.9
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 48.887 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 75 Resp: 153299
Ion Ratio Lower Upper
75 100
110 35.3 17.5 52.5
77 31.1 24.1 36.1

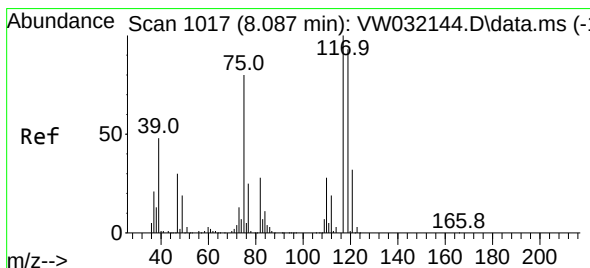
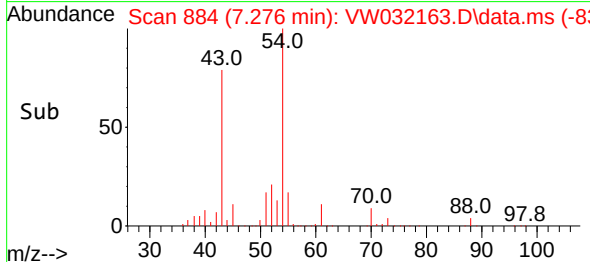
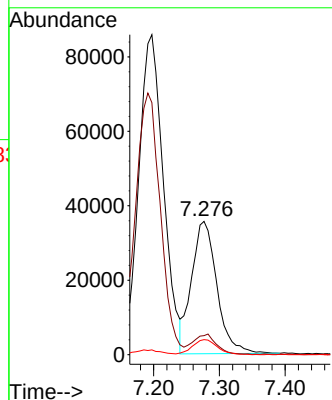
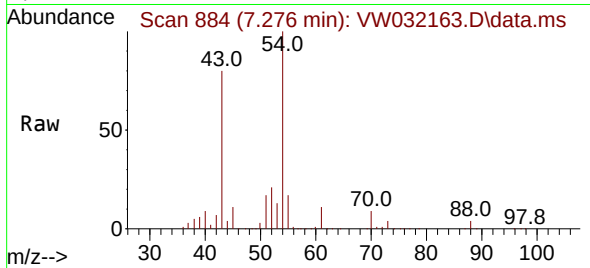




#37
Ethyl Acetate
Concen: 50.500 ug/l
RT: 7.276 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

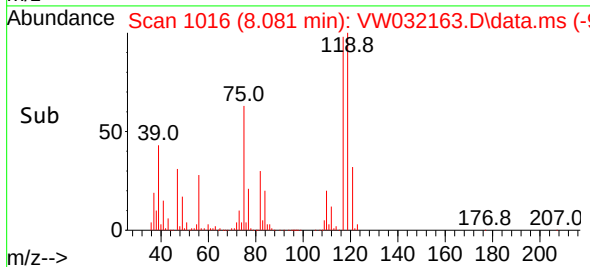
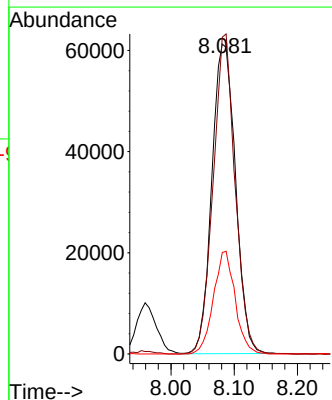
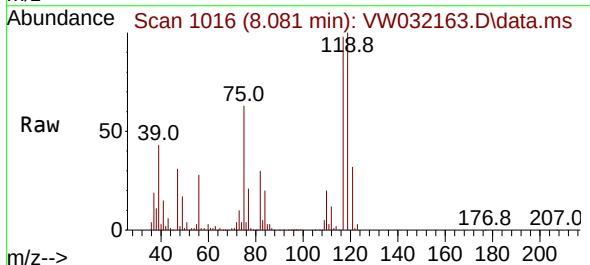
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

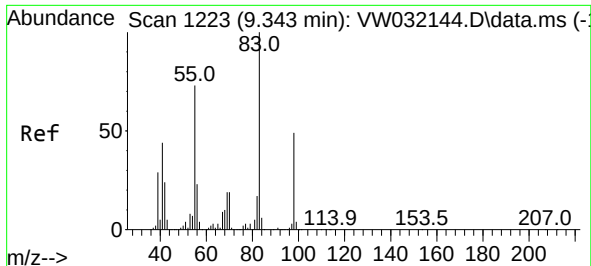
Tgt Ion:	43	Resp:	94996
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.2	8.9	13.3



#38
Carbon Tetrachloride
Concen: 47.315 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:	117	Resp:	159053
Ion	Ratio	Lower	Upper
117	100		
119	102.4	74.2	111.2
121	32.8	25.6	38.4





#39

Methylcyclohexane

Concen: 46.987 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

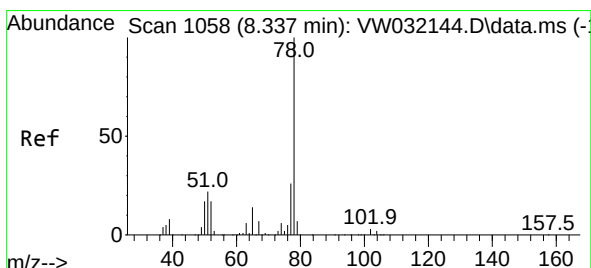
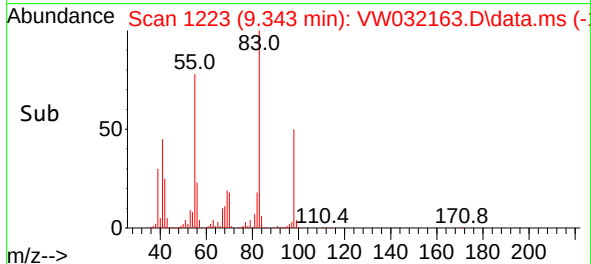
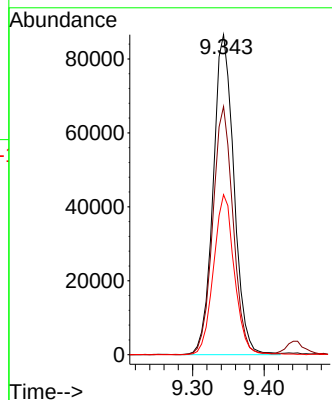
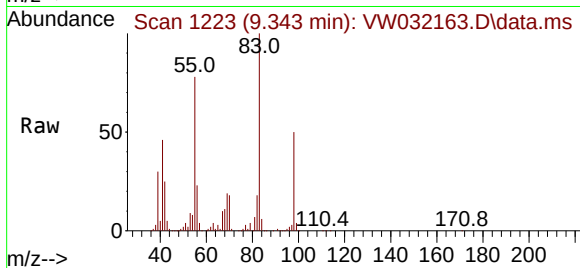
Tgt Ion: 83 Resp: 174516

Ion Ratio Lower Upper

83 100

55 77.5 58.4 87.6

98 50.0 39.4 59.2



#40

Benzene

Concen: 49.081 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032163.D

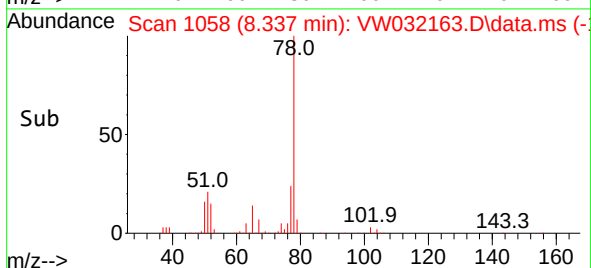
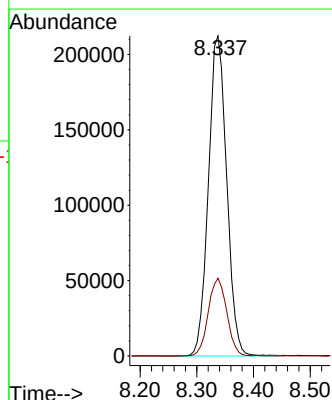
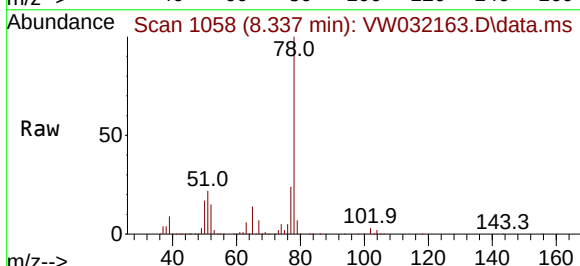
Acq: 28 Aug 2025 16:36

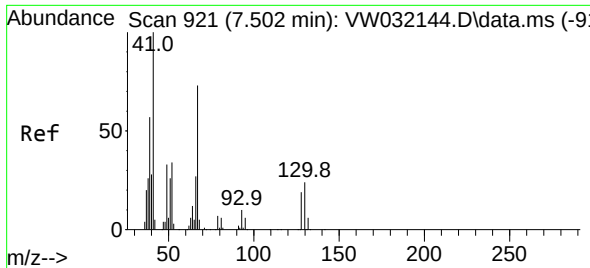
Tgt Ion: 78 Resp: 475746

Ion Ratio Lower Upper

78 100

77 24.3 20.7 31.1

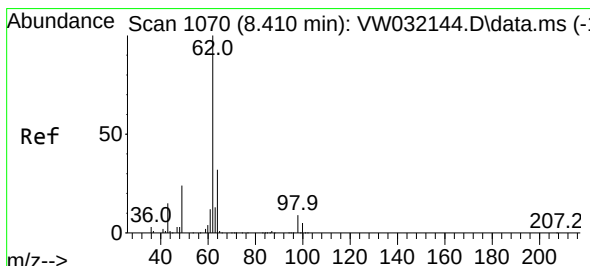
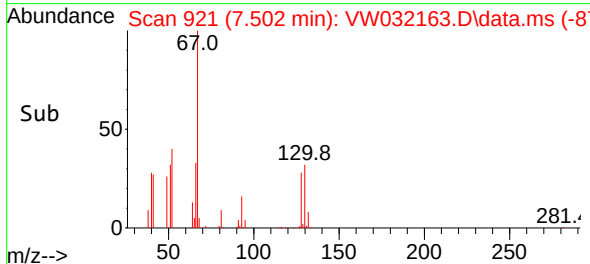
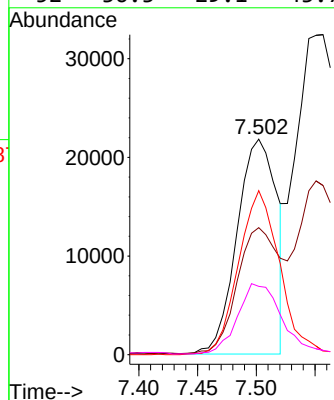
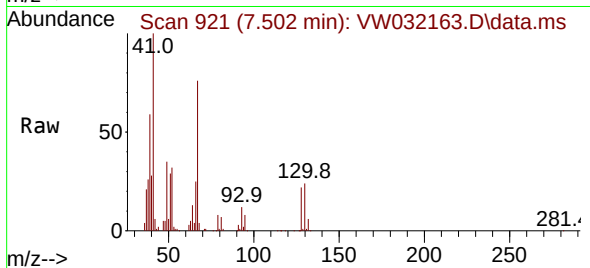




#41
Methacrylonitrile
Concen: 49.032 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

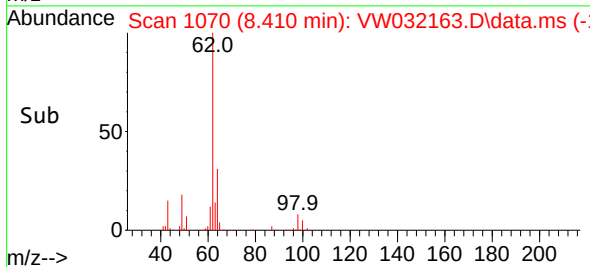
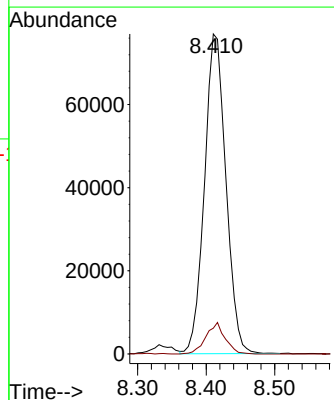
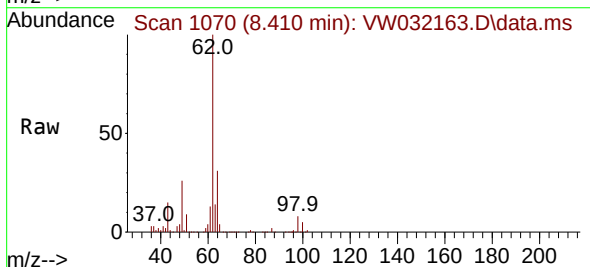
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

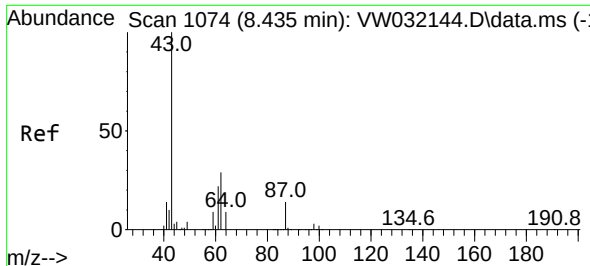
Tgt Ion:	41	Resp:	51244
Ion	Ratio	Lower	Upper
41	100		
39	65.8	50.9	76.3
67	79.9	65.6	98.4
52	36.3	29.1	43.7



#42
1,2-Dichloroethane
Concen: 49.861 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:	62	Resp:	167545
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0

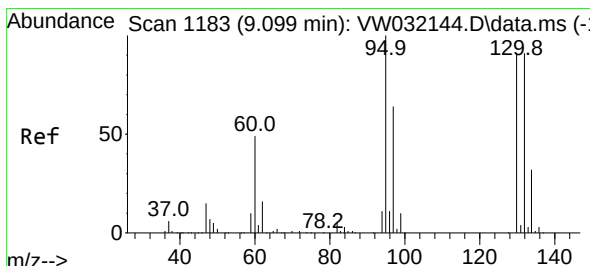
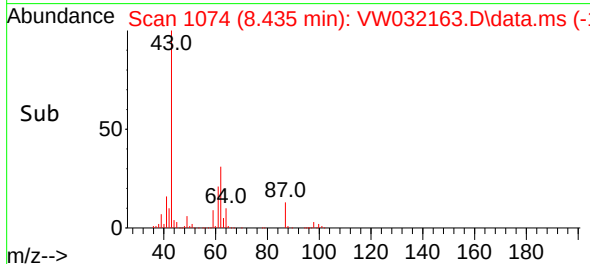
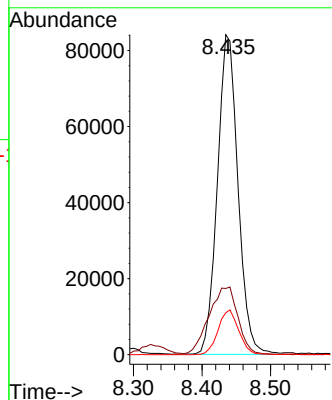
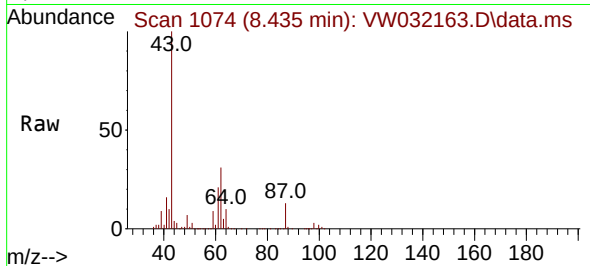




#43
Isopropyl Acetate
Concen: 49.696 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

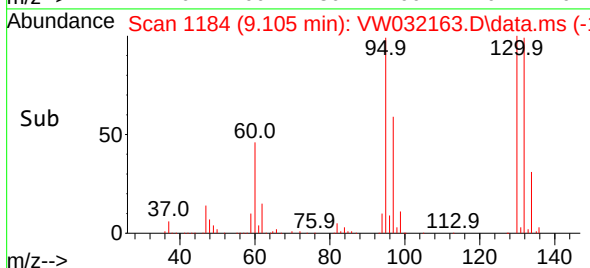
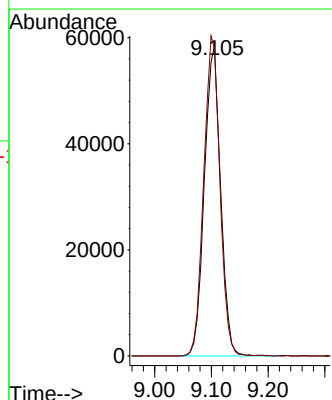
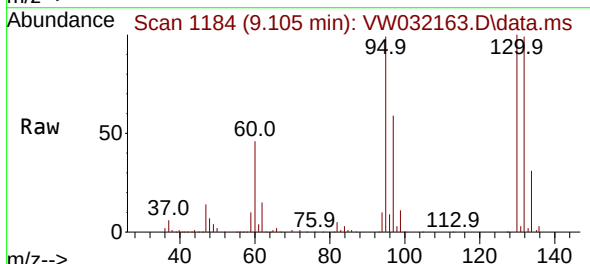
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

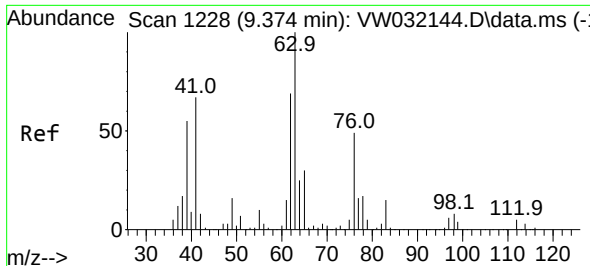
Tgt Ion: 43 Resp: 175377
Ion Ratio Lower Upper
43 100
61 30.0 23.3 34.9
87 14.1 11.1 16.7



#44
Trichloroethene
Concen: 47.645 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:130 Resp: 116139
Ion Ratio Lower Upper
130 100
95 99.1 0.0 220.0

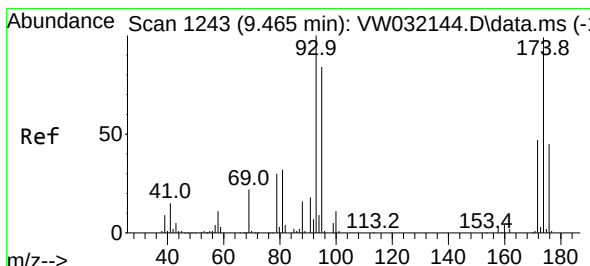
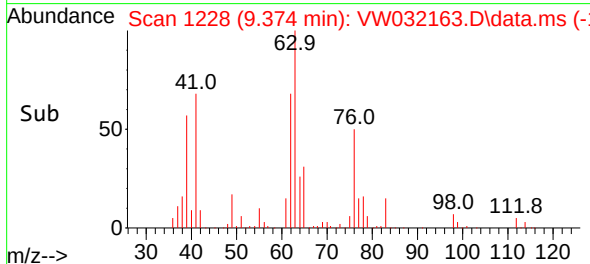
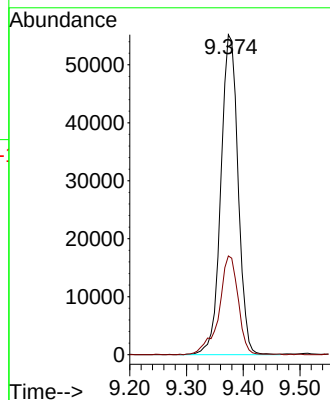
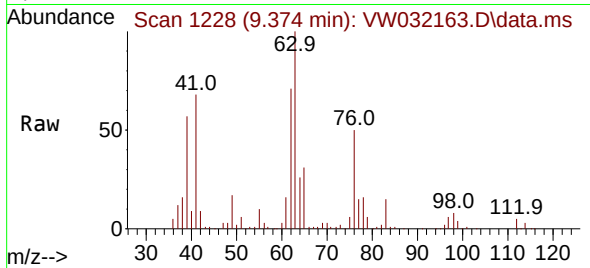




#45
1,2-Dichloropropane
Concen: 49.668 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

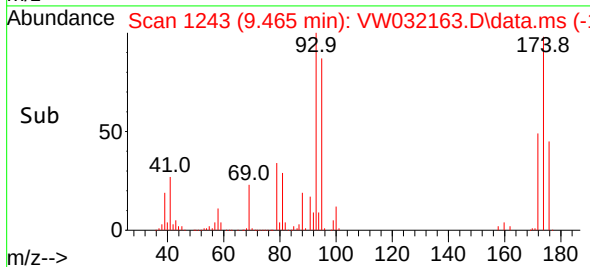
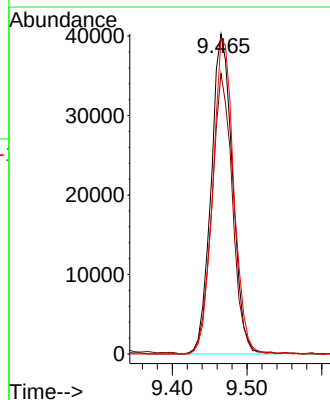
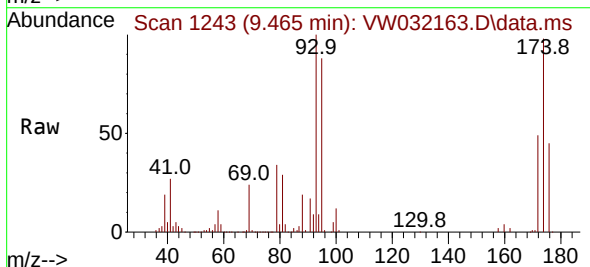
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

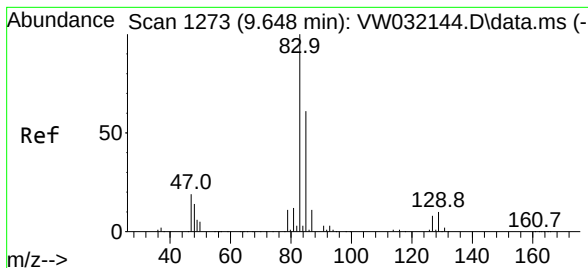
Tgt Ion: 63 Resp: 116056
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5



#46
Dibromomethane
Concen: 48.988 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 93 Resp: 80286
Ion Ratio Lower Upper
93 100
95 84.3 67.4 101.2
174 96.6 75.7 113.5





#47

Bromodichloromethane

Concen: 49.419 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

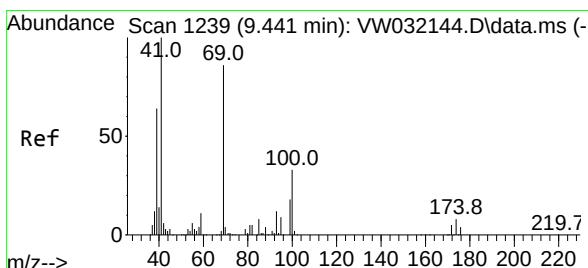
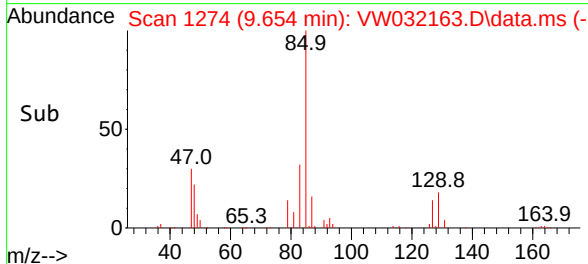
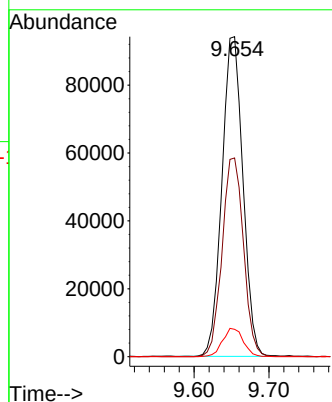
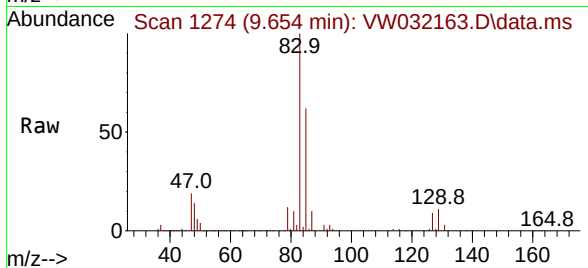
Tgt Ion: 83 Resp: 184053

Ion Ratio Lower Upper

83 100

85 62.2 48.7 73.1

127 8.6 6.4 9.6



#48

Methyl methacrylate

Concen: 51.455 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

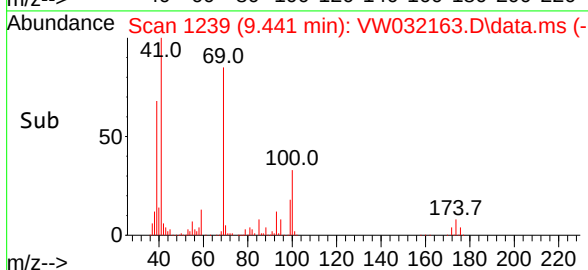
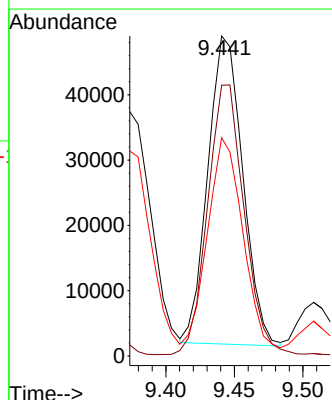
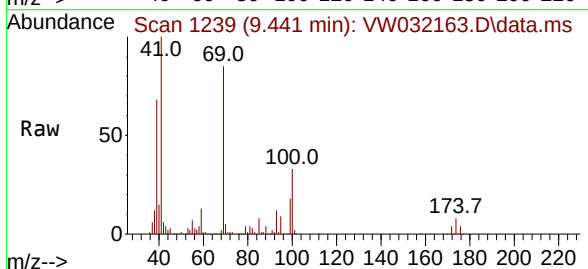
Tgt Ion: 41 Resp: 83683

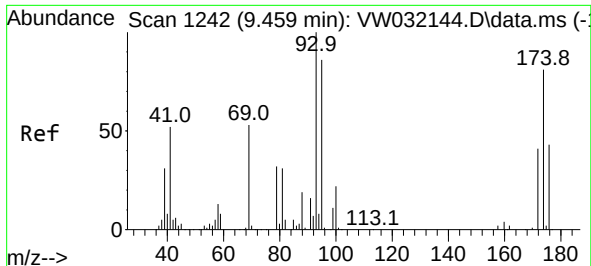
Ion Ratio Lower Upper

41 100

69 92.6 71.5 107.3

39 73.1 55.9 83.9





#49

1,4-Dioxane

Concen: 1102.733 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

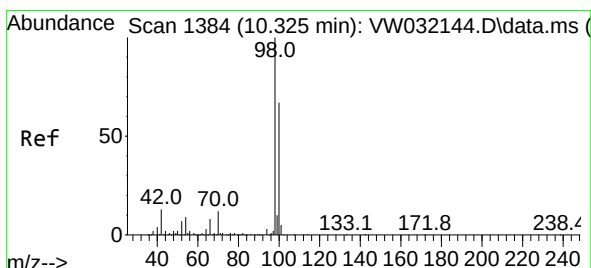
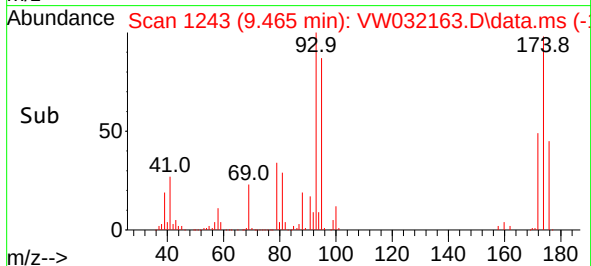
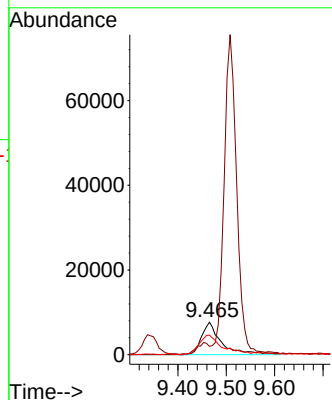
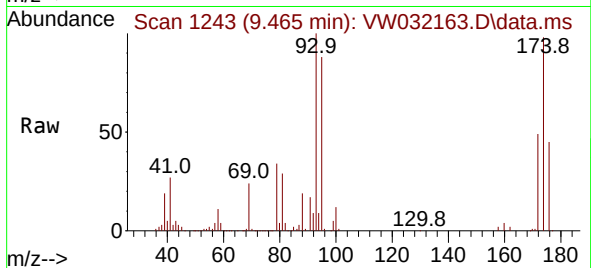
Tgt Ion: 88 Resp: 21836

Ion Ratio Lower Upper

88 100

43 22.7 18.0 27.0

58 68.8 55.4 83.0



#50

Toluene-d8

Concen: 48.554 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032163.D

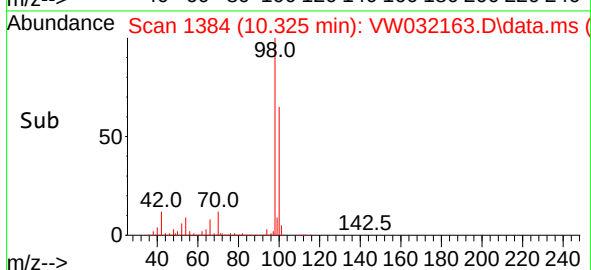
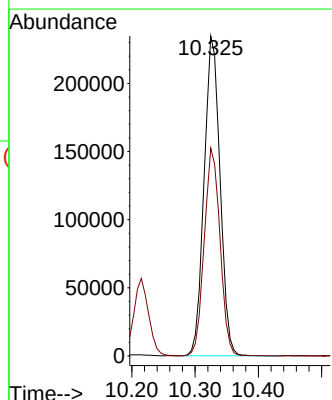
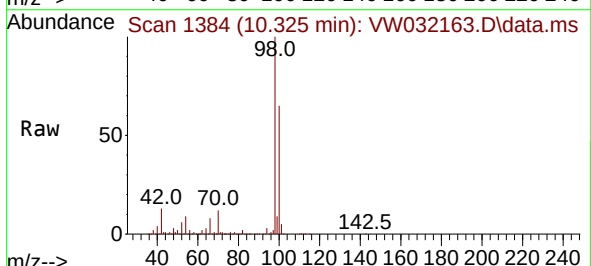
Acq: 28 Aug 2025 16:36

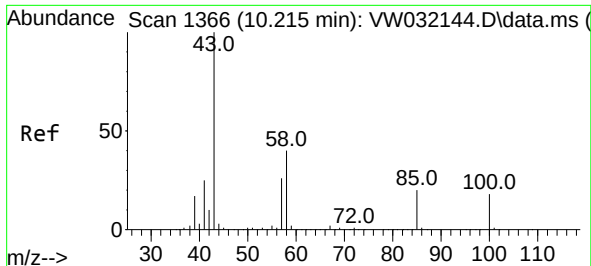
Tgt Ion: 98 Resp: 412227

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2

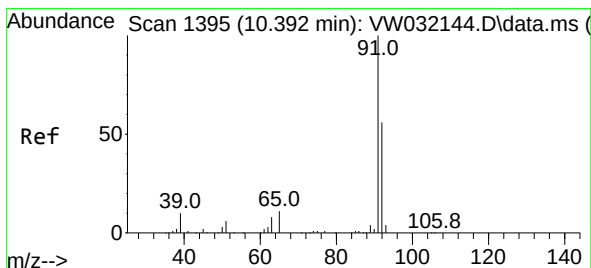
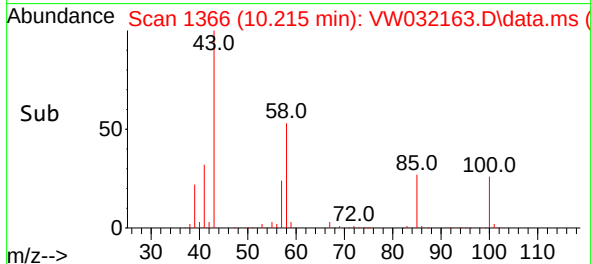
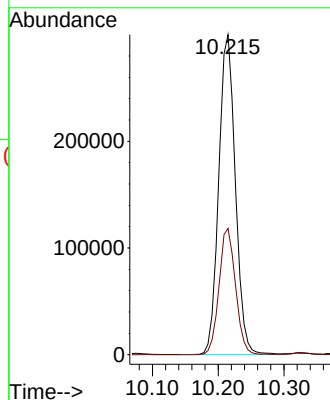
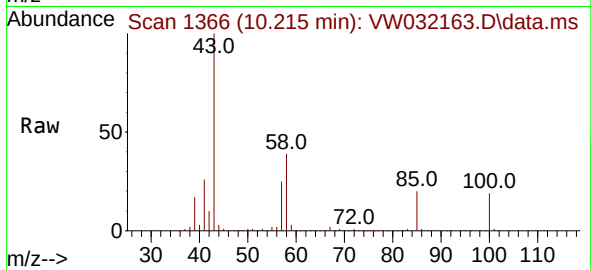




#51
4-Methyl-2-Pentanone
Concen: 264.247 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

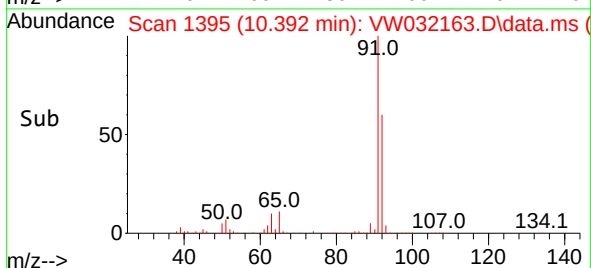
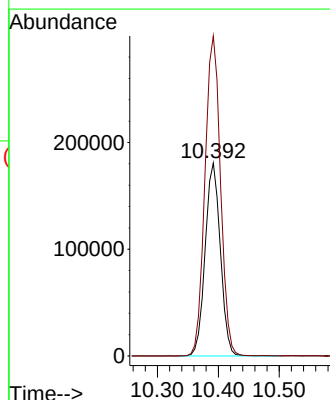
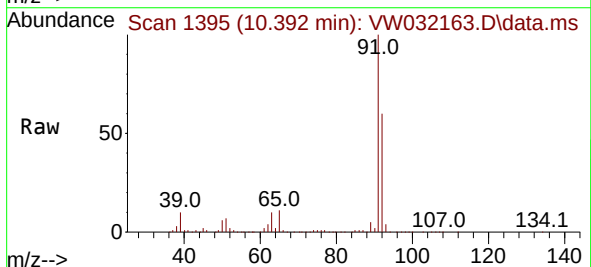
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

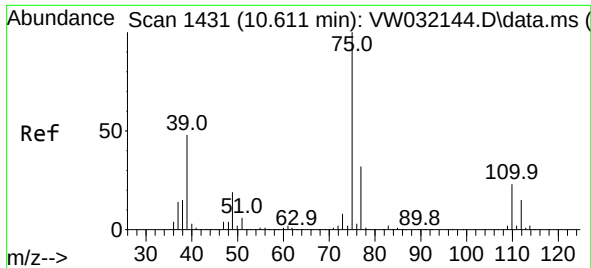
Tgt Ion: 43 Resp: 526554
Ion Ratio Lower Upper
43 100
58 39.5 32.0 48.0



#52
Toluene
Concen: 49.343 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 92 Resp: 312548
Ion Ratio Lower Upper
92 100
91 170.5 137.5 206.3

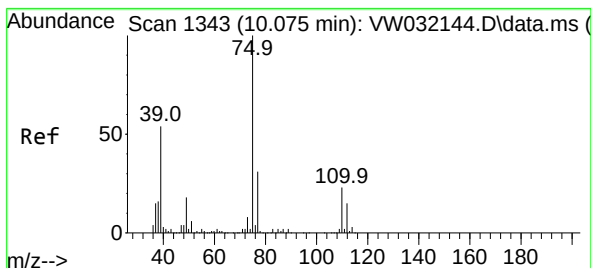
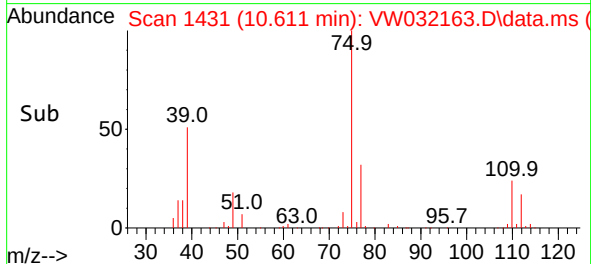
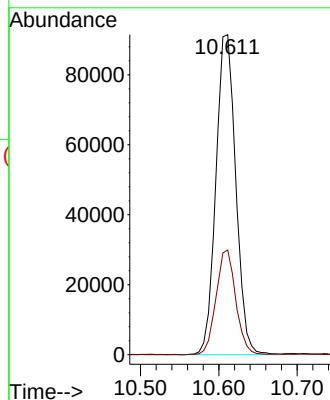
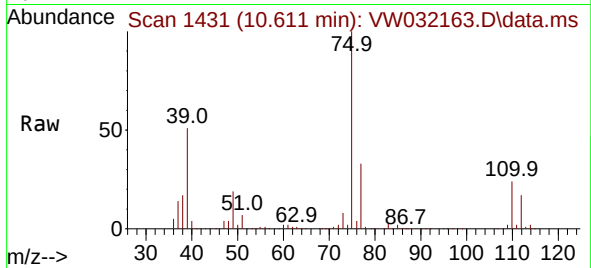




#53
t-1,3-Dichloropropene
Concen: 49.177 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

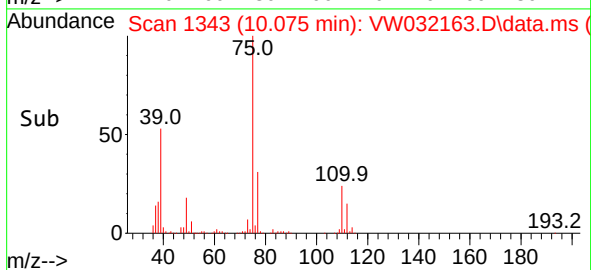
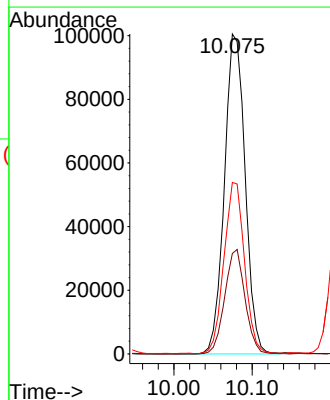
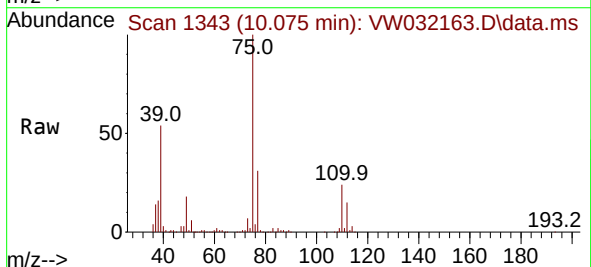
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

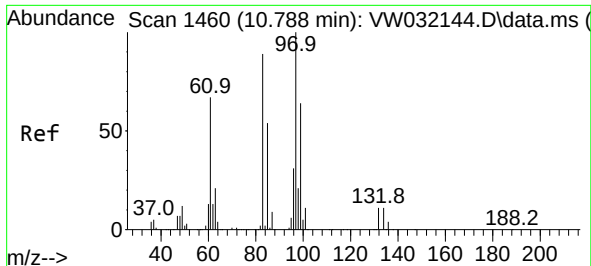
Tgt Ion: 75 Resp: 161574
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 49.369 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 75 Resp: 185079
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 53.4 43.2 64.8



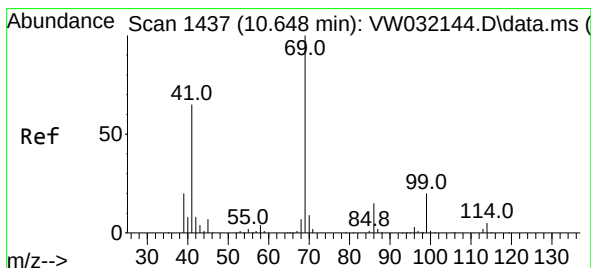
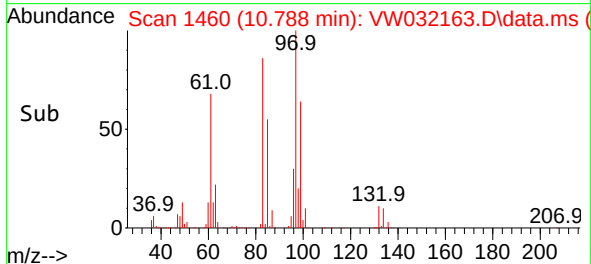
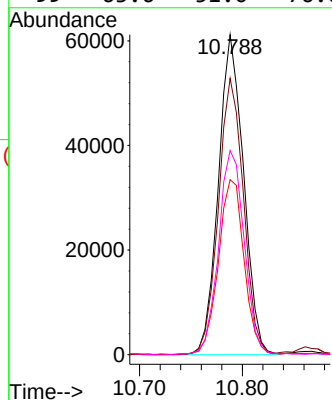
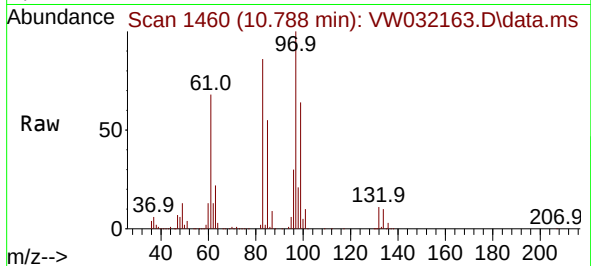


#55
1,1,2-Trichloroethane
Concen: 48.739 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 97 Resp: 103871

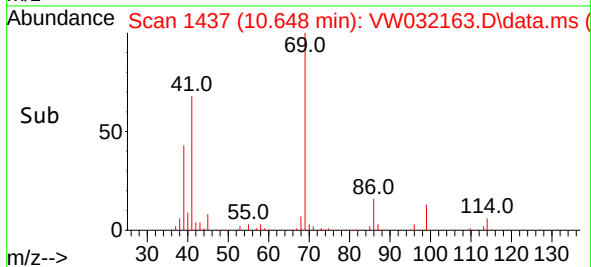
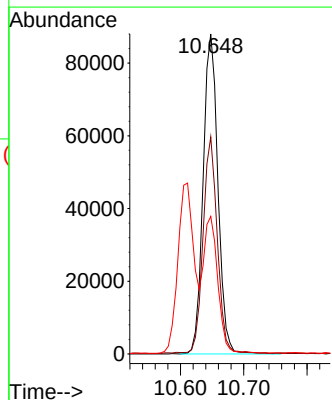
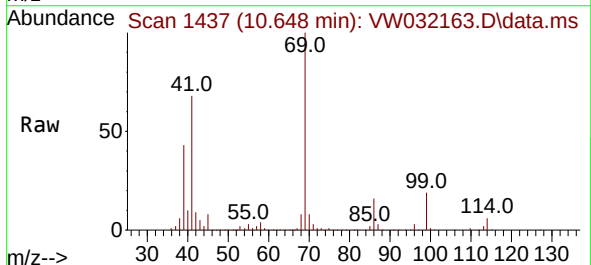
Ion	Ratio	Lower	Upper
97	100		
83	86.2	71.0	106.6
85	54.5	42.8	64.2
99	63.6	51.0	76.6

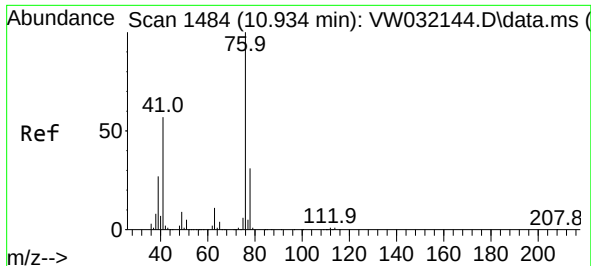


#56
Ethyl methacrylate
Concen: 52.637 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 69 Resp: 143415

Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.2	79.8
39	41.3	32.9	49.3





#57

1,3-Dichloropropane

Concen: 48.913 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

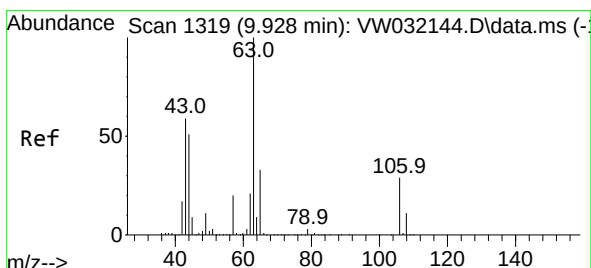
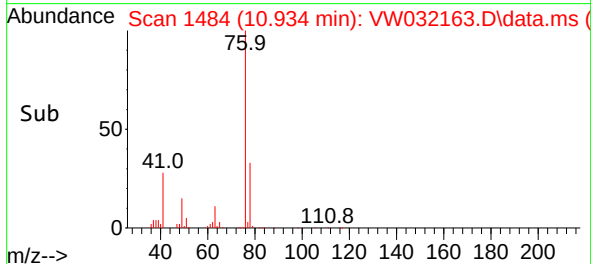
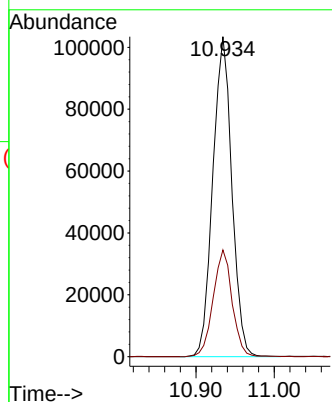
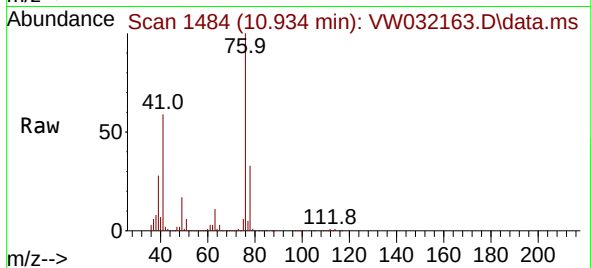
VIBLK

Tgt Ion: 76 Resp: 174545

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 249.197 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032163.D

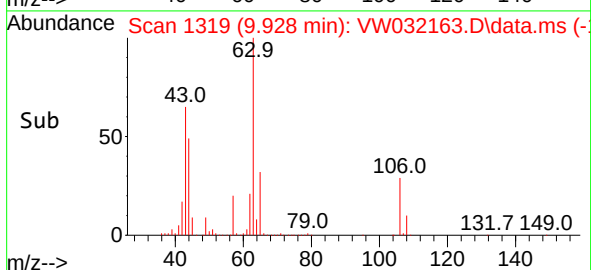
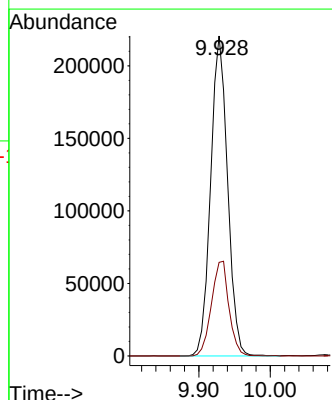
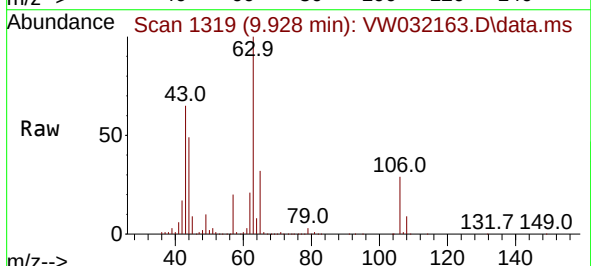
Acq: 28 Aug 2025 16:36

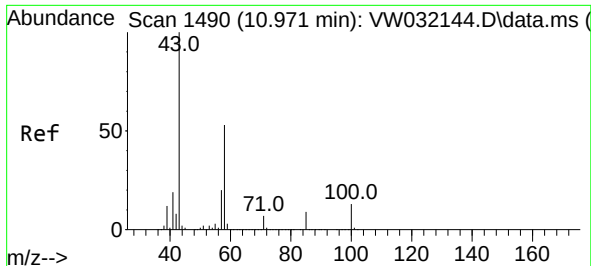
Tgt Ion: 63 Resp: 362403

Ion Ratio Lower Upper

63 100

106 30.7 24.3 36.5

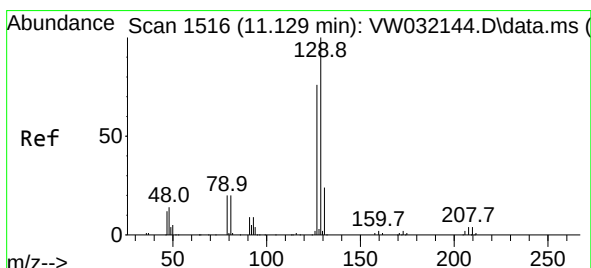
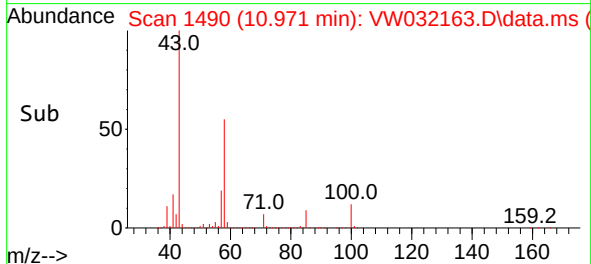
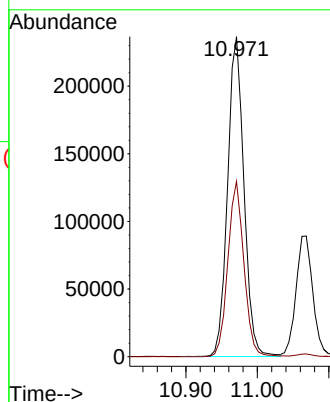
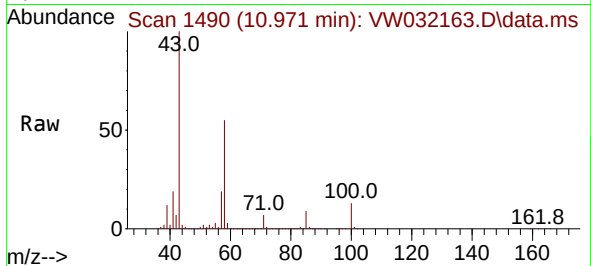




#59
2-Hexanone
Concen: 270.711 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

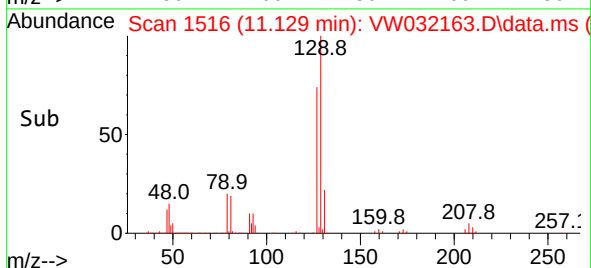
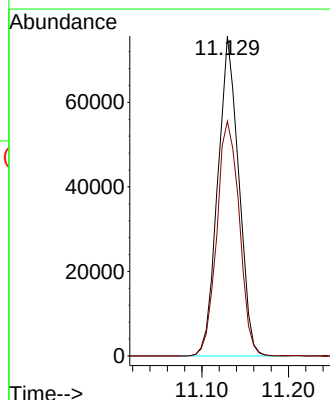
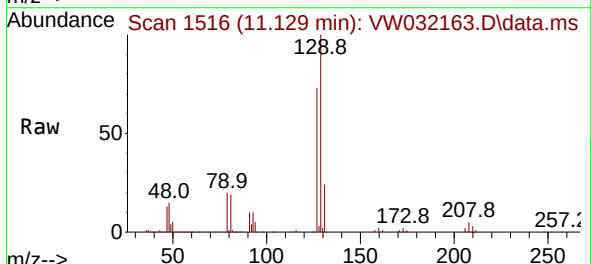
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

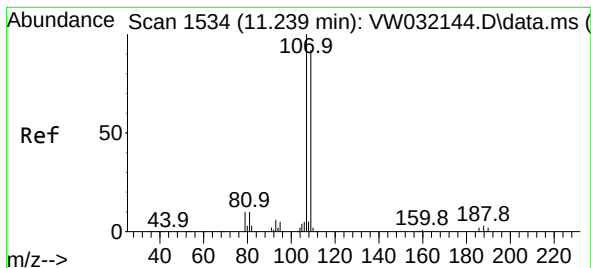
Tgt Ion: 43 Resp: 375163
Ion Ratio Lower Upper
43 100
58 54.0 27.5 82.4



#60
Dibromochloromethane
Concen: 49.389 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:129 Resp: 127366
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.5

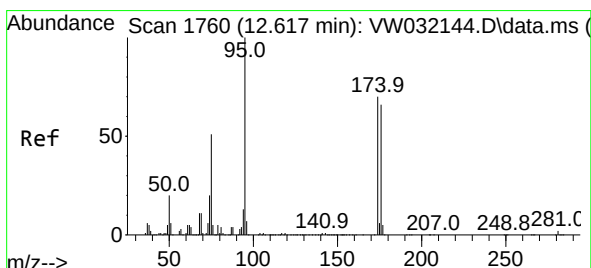
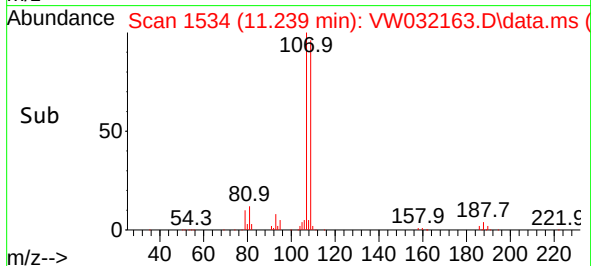
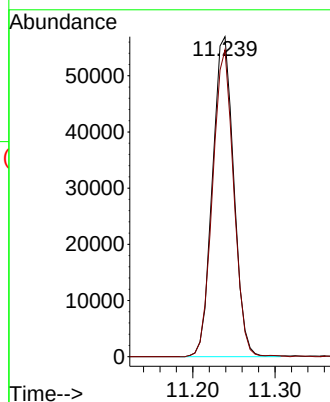
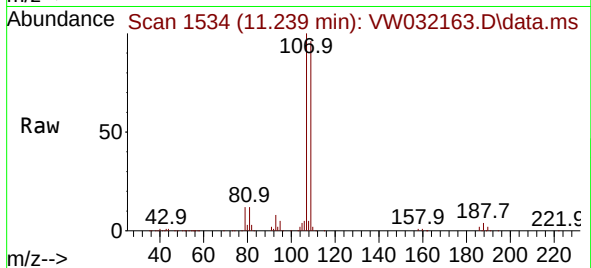




#61
1,2-Dibromoethane
Concen: 48.923 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

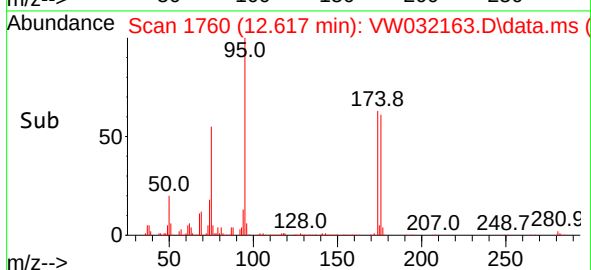
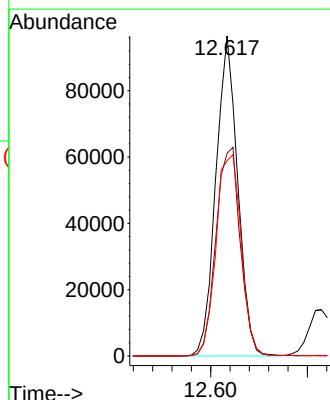
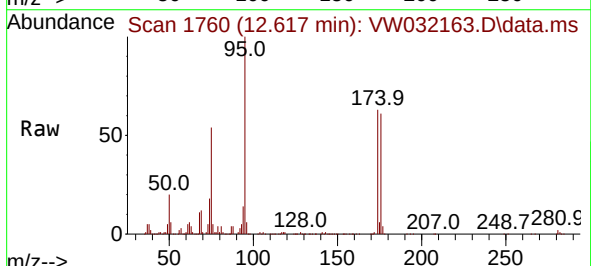
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

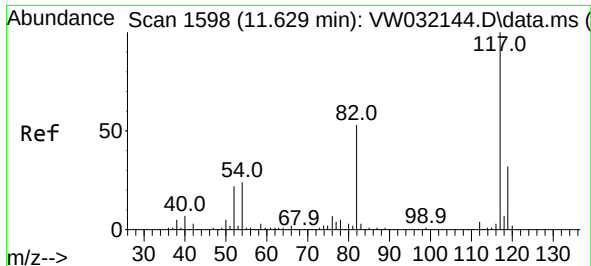
Tgt Ion:107 Resp: 102532
Ion Ratio Lower Upper
107 100
109 94.5 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 48.201 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 95 Resp: 151325
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.6
176 72.4 0.0 140.8

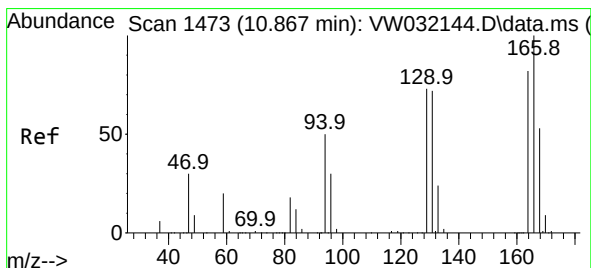
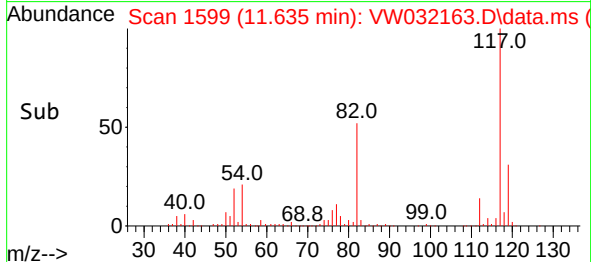
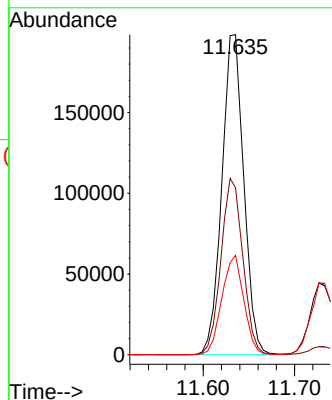
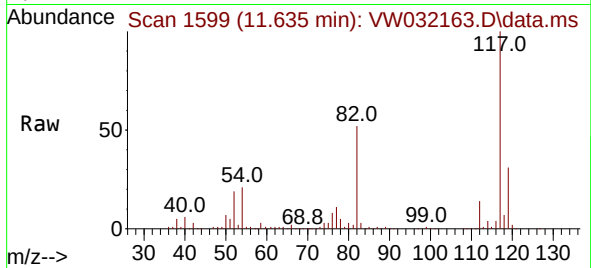




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

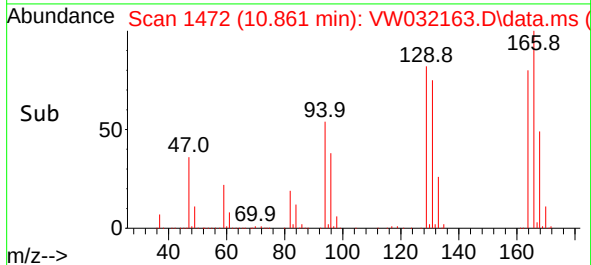
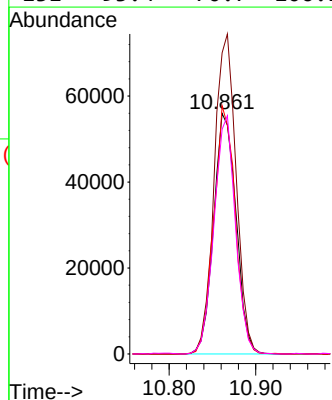
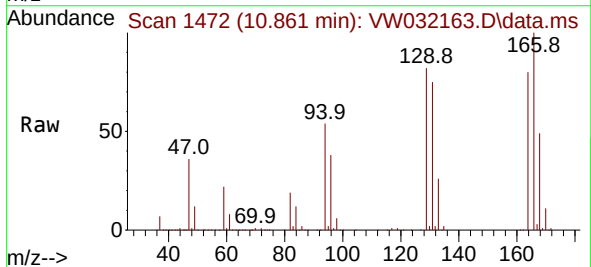
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

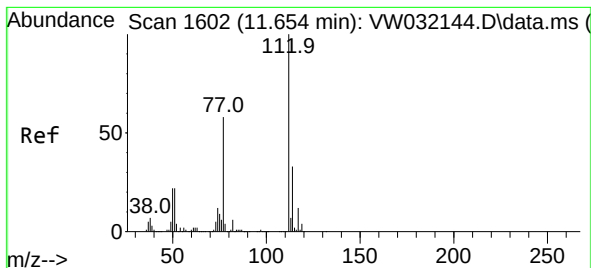
Tgt Ion:117 Resp: 330689
Ion Ratio Lower Upper
117 100
82 52.2 42.7 64.1
119 31.0 25.2 37.8



#64
Tetrachloroethene
Concen: 46.185 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:164 Resp: 100520
Ion Ratio Lower Upper
164 100
166 125.2 97.5 146.3
129 103.2 71.2 106.8
131 93.4 70.7 106.1





#65

Chlorobenzene

Concen: 46.412 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

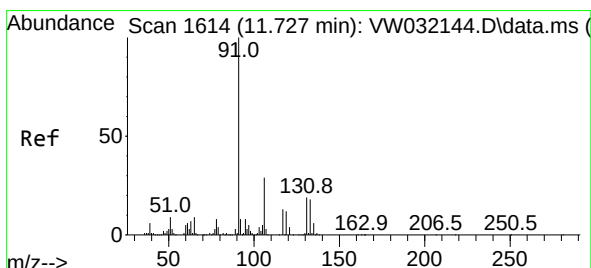
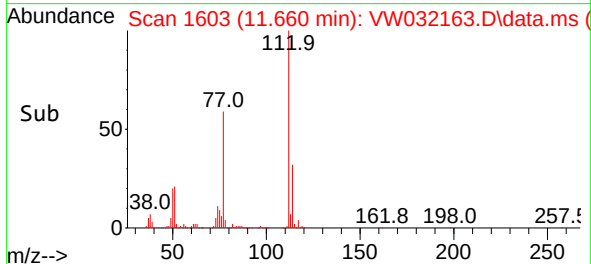
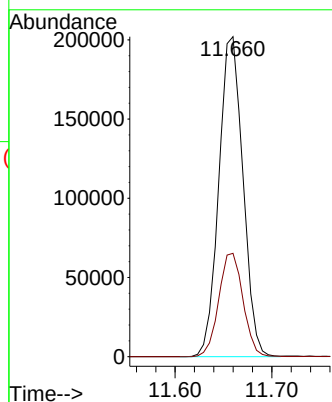
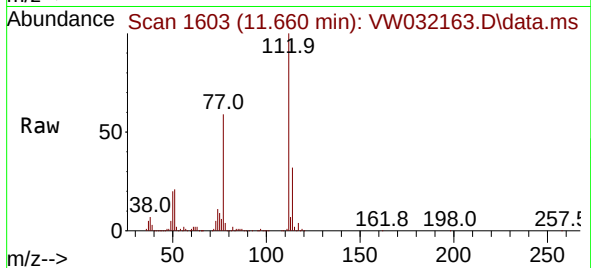
VIBLK

Tgt Ion:112 Resp: 349339

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 47.364 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

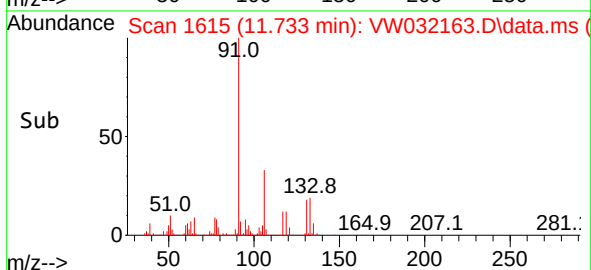
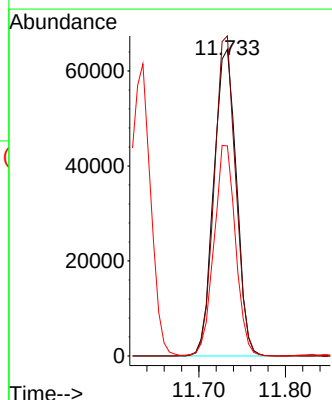
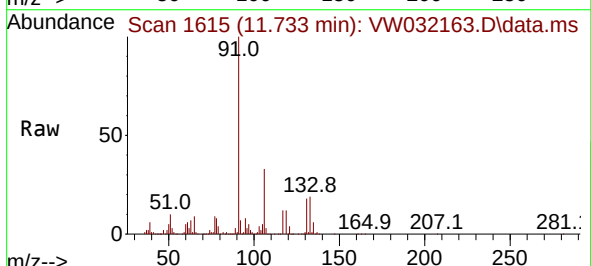
Tgt Ion:131 Resp: 117372

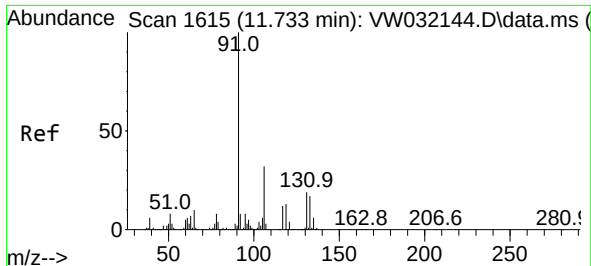
Ion Ratio Lower Upper

131 100

133 98.7 47.7 143.1

119 65.4 32.8 98.3





#67

Ethyl Benzene

Concen: 48.297 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

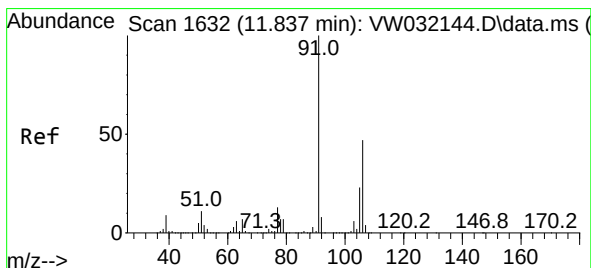
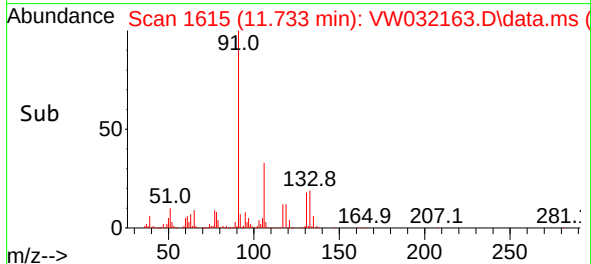
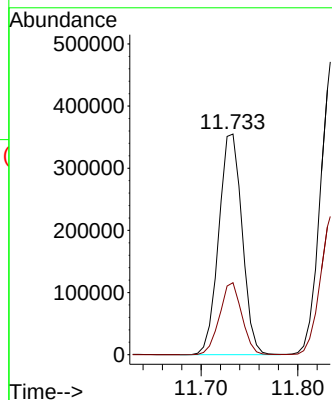
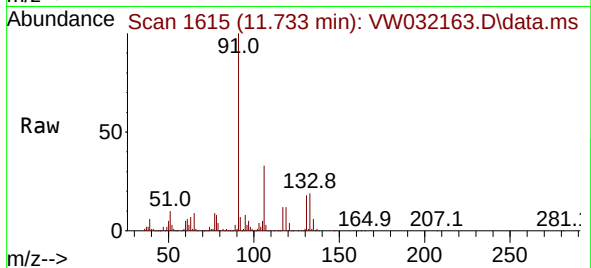
VIBLK

Tgt Ion: 91 Resp: 595625

Ion Ratio Lower Upper

91 100

106 32.6 25.3 37.9



#68

m/p-Xylenes

Concen: 96.784 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032163.D

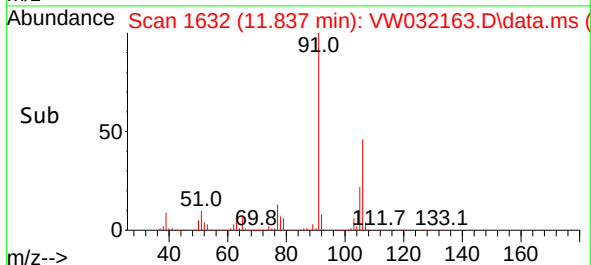
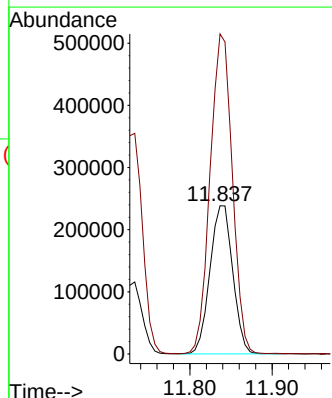
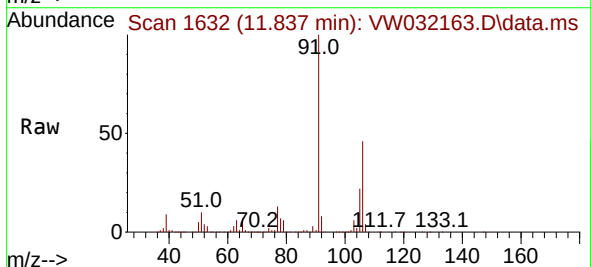
Acq: 28 Aug 2025 16:36

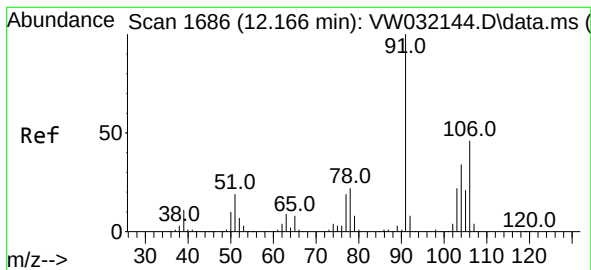
Tgt Ion:106 Resp: 459364

Ion Ratio Lower Upper

106 100

91 210.7 164.2 246.2

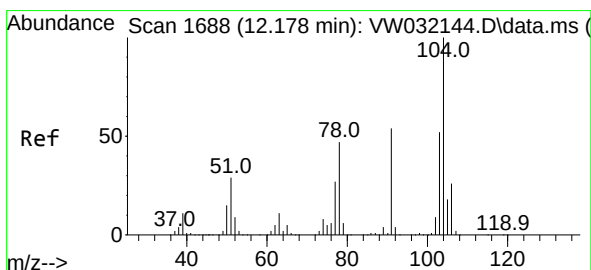
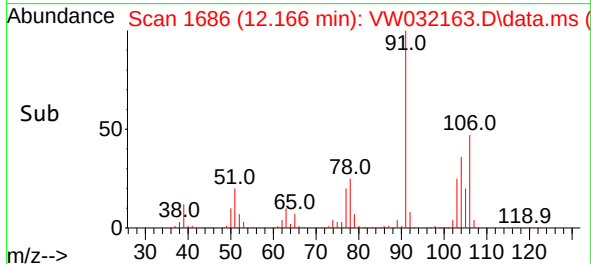
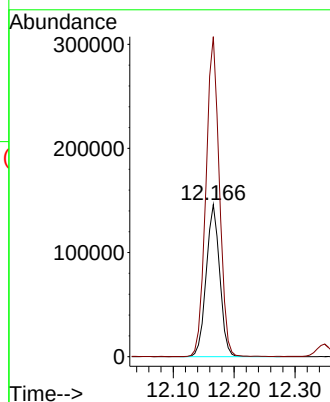
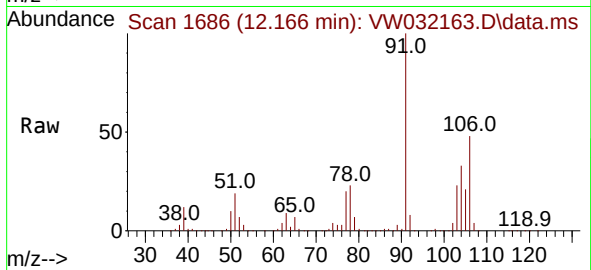




#69
o-Xylene
Concen: 50.123 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

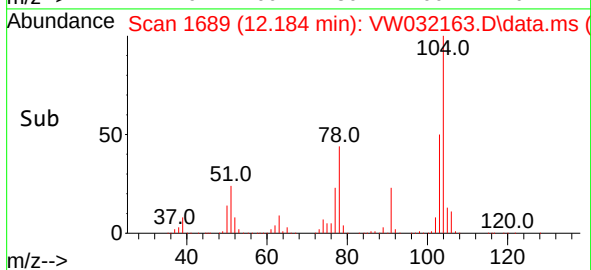
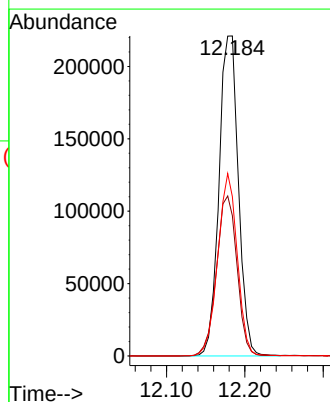
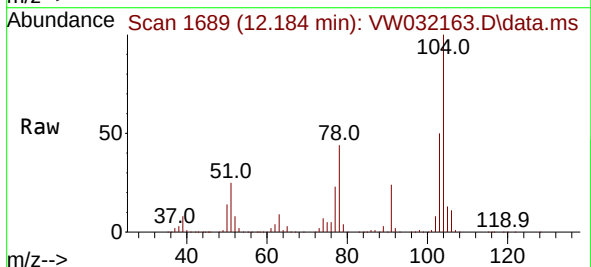
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

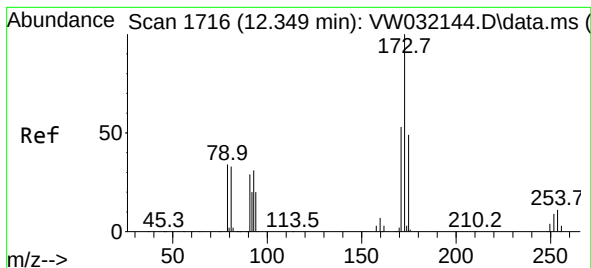
Tgt Ion:106 Resp: 225028
Ion Ratio Lower Upper
106 100
91 209.0 108.7 326.3



#70
Styrene
Concen: 48.269 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:104 Resp: 382003
Ion Ratio Lower Upper
104 100
78 52.7 41.6 62.4
103 57.1 44.8 67.2





#71

Bromoform

Concen: 49.553 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

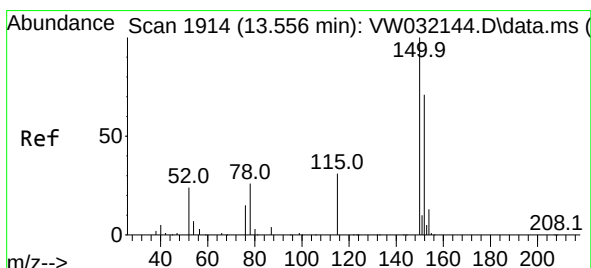
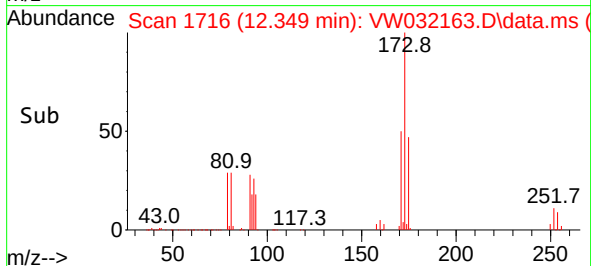
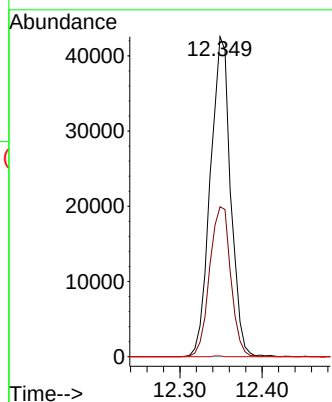
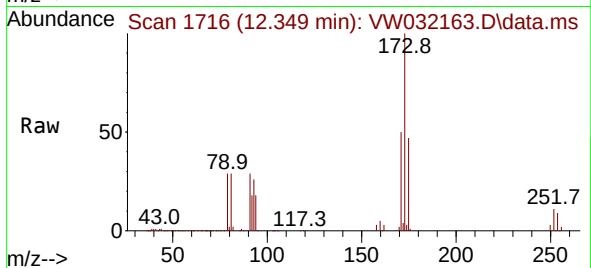
Tgt Ion:173 Resp: 72933

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.7

254 0.1 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: VW032163.D

Acq: 28 Aug 2025 16:36

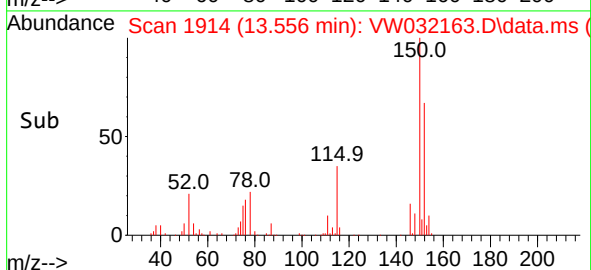
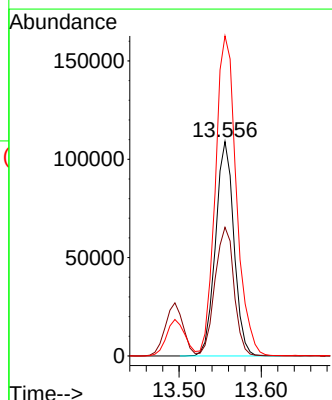
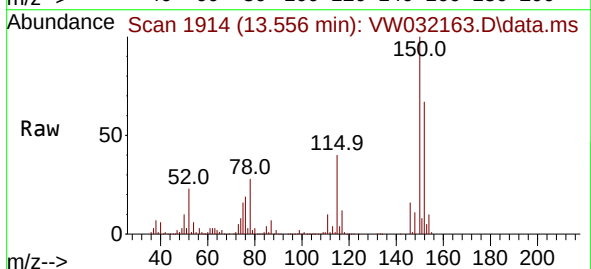
Tgt Ion:152 Resp: 169082

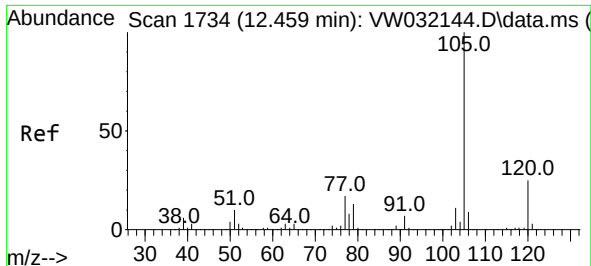
Ion Ratio Lower Upper

152 100

115 62.5 31.8 95.4

150 170.6 0.0 343.0

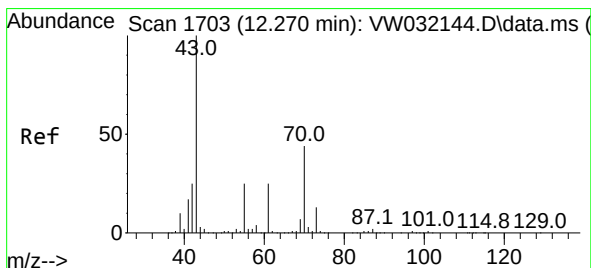
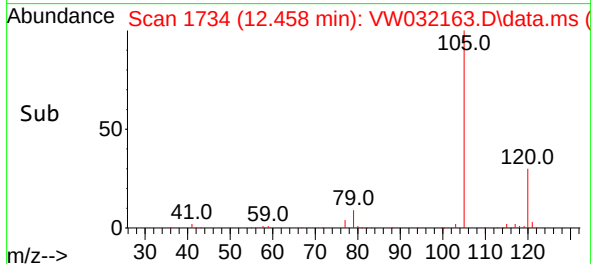
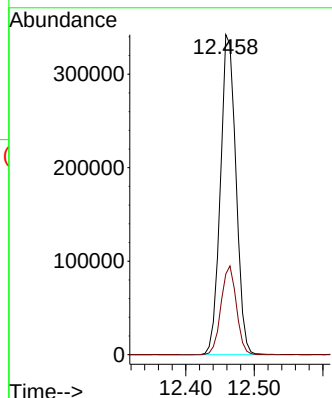
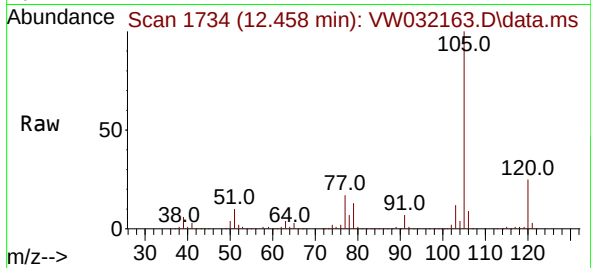




#73
Isopropylbenzene
Concen: 46.850 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

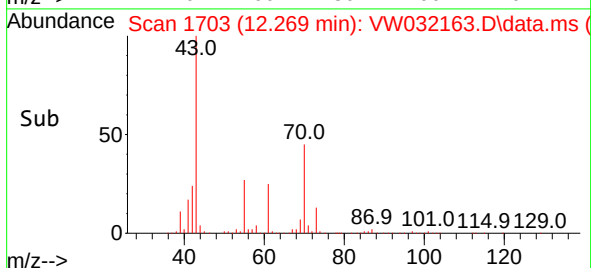
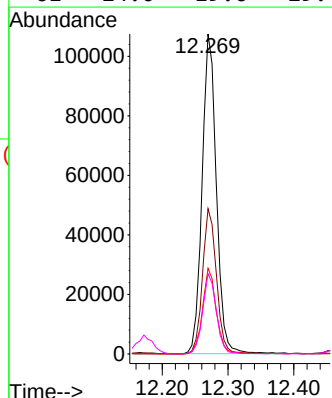
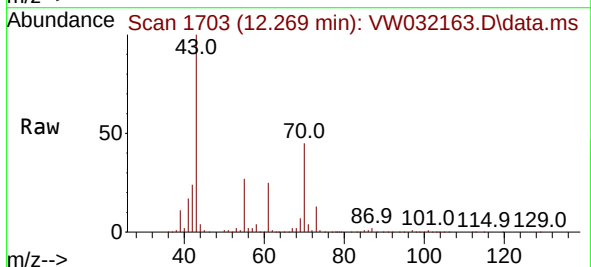
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

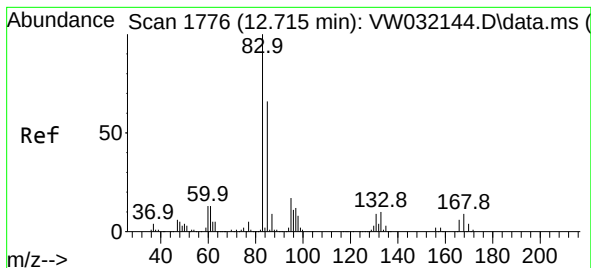
Tgt Ion:105 Resp: 538161
Ion Ratio Lower Upper
105 100
120 27.3 13.0 38.9



#74
N-ethyl acetate
Concen: 48.560 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 43 Resp: 161945
Ion Ratio Lower Upper
43 100
70 44.7 35.3 52.9
55 26.0 19.9 29.9
61 24.0 19.6 29.4

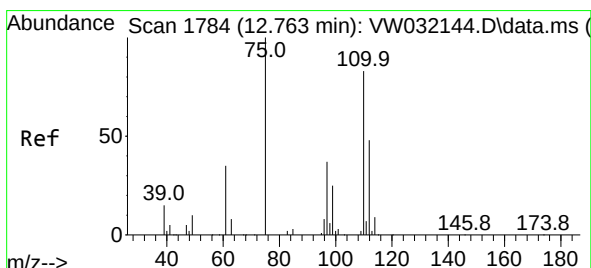
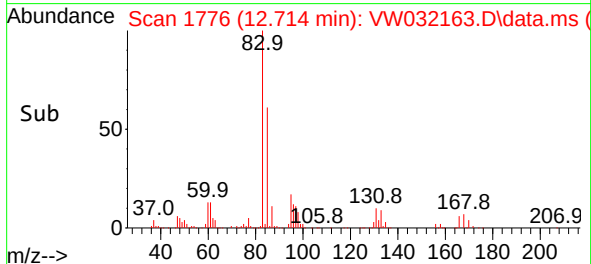
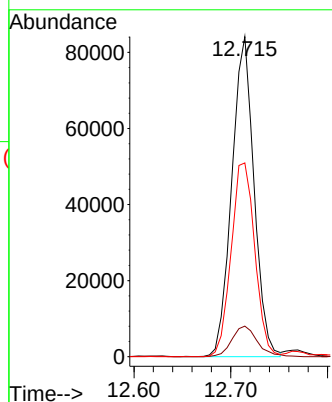
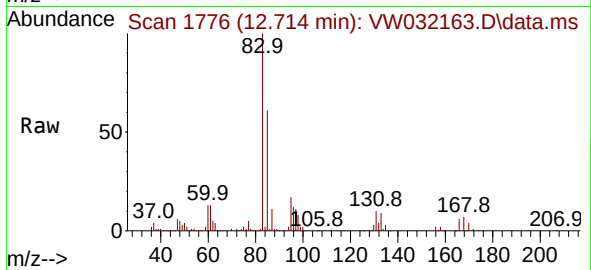




#75
1,1,2,2-Tetrachloroethane
Concen: 49.319 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

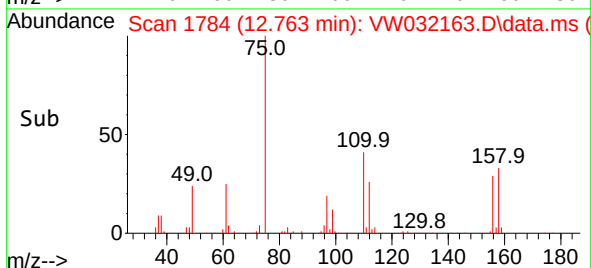
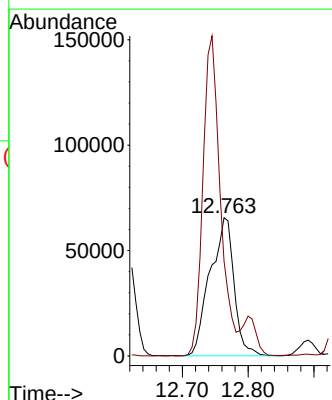
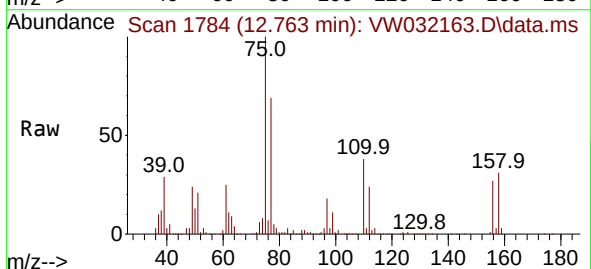
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

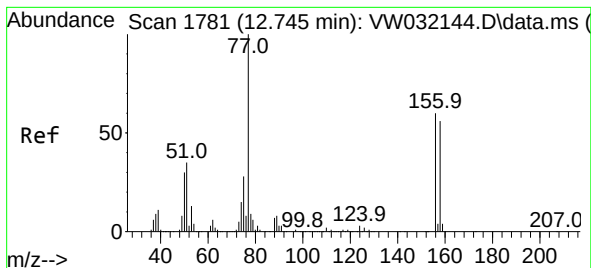
Tgt Ion: 83 Resp: 134635
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 78.621 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 75 Resp: 166539
Ion Ratio Lower Upper
75 100
77 167.8 141.7 425.1





#77

Bromobenzene

Concen: 48.691 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

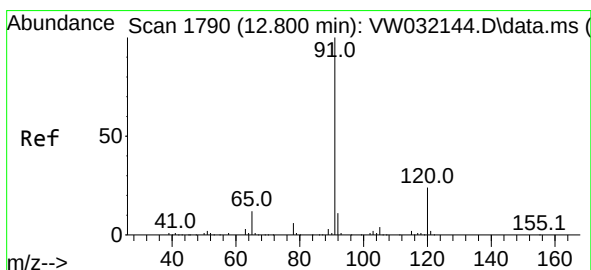
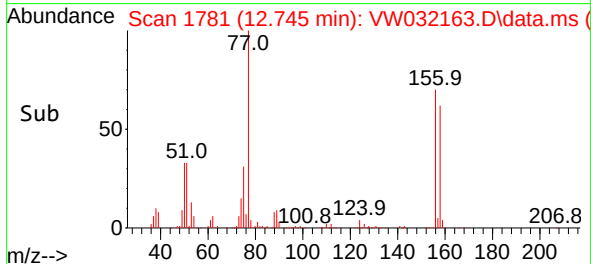
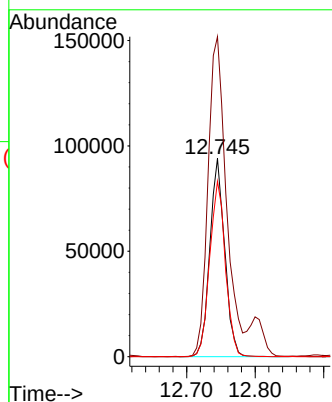
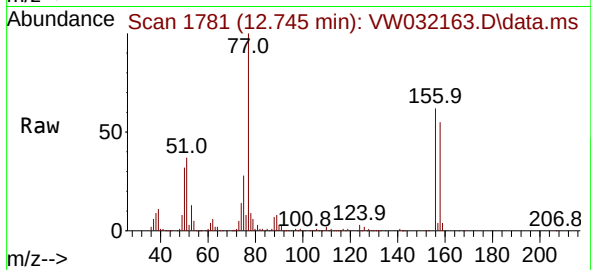
Tgt Ion:156 Resp: 142629

Ion Ratio Lower Upper

156 100

77 195.9 98.6 295.7

158 93.0 48.4 145.0



#78

n-propylbenzene

Concen: 48.874 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032163.D

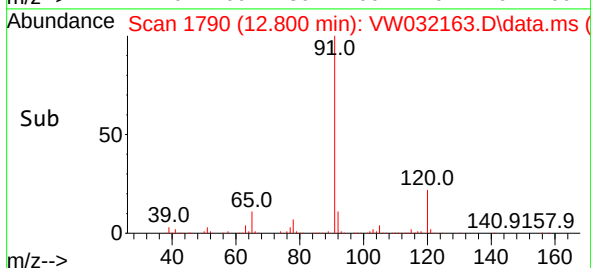
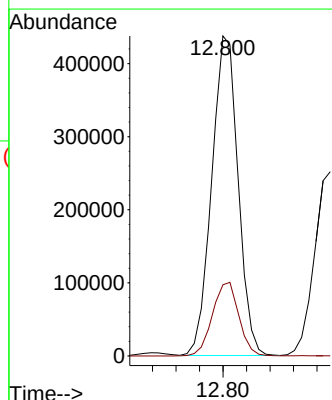
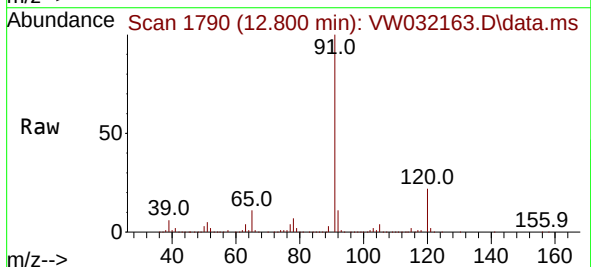
Acq: 28 Aug 2025 16:36

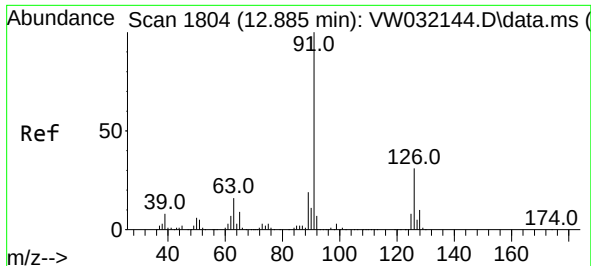
Tgt Ion: 91 Resp: 681595

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.4

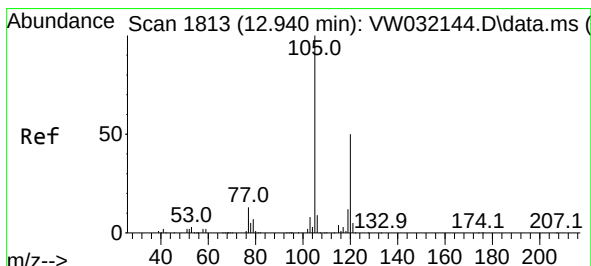
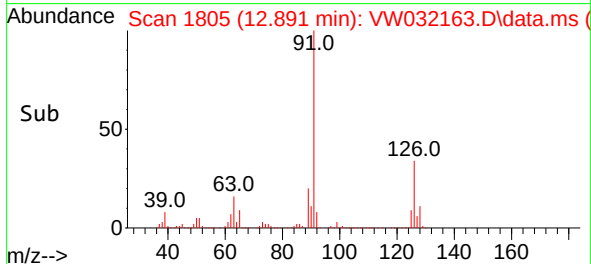
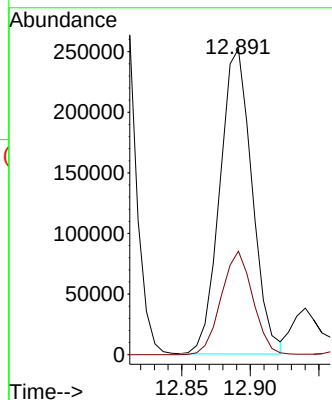
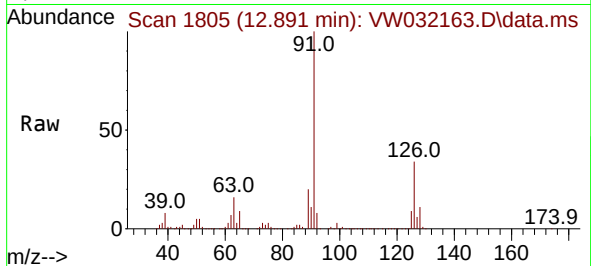




#79
2-Chlorotoluene
Concen: 48.307 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

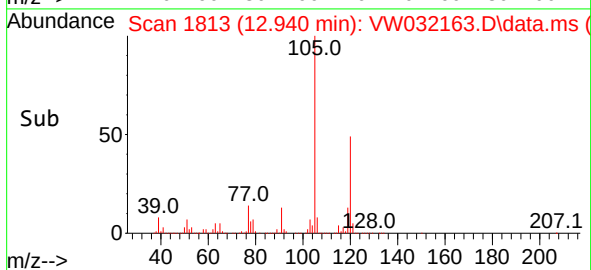
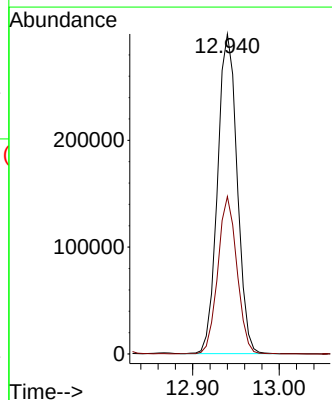
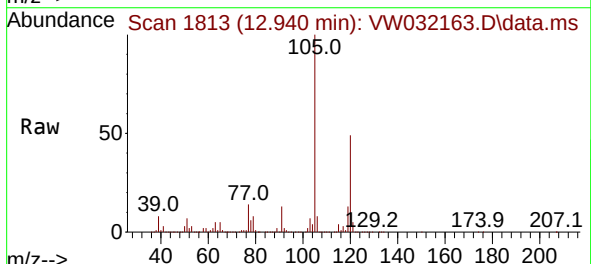
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

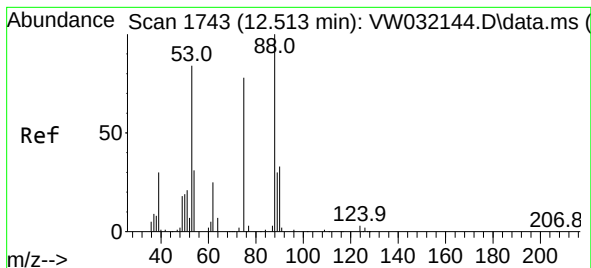
Tgt Ion: 91 Resp: 411959
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 48.327 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 105 Resp: 470005
Ion Ratio Lower Upper
105 100
120 48.0 24.8 74.4

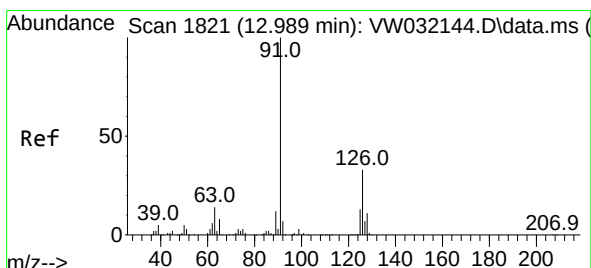
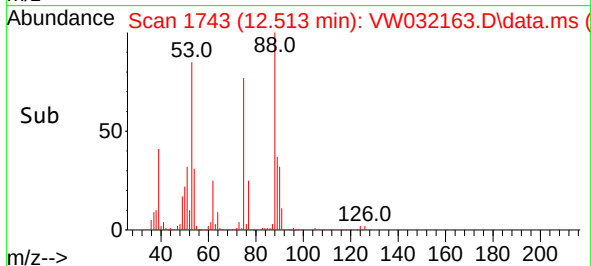
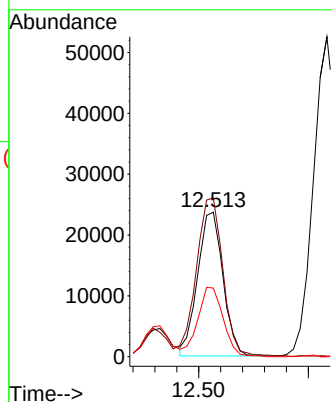
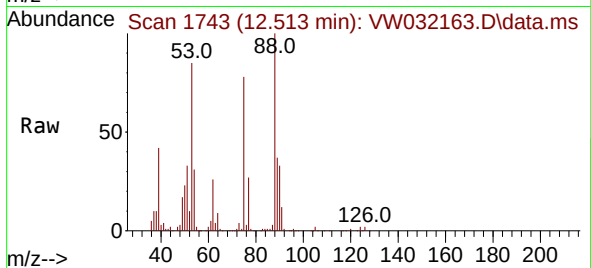




#81
trans-1,4-Dichloro-2-butene
Concen: 48.183 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

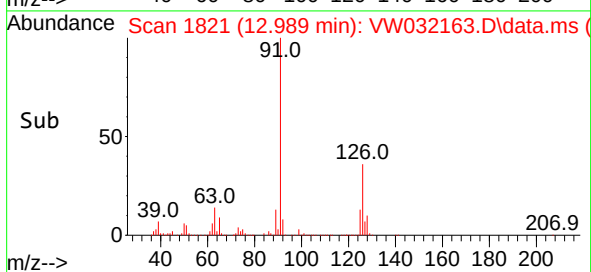
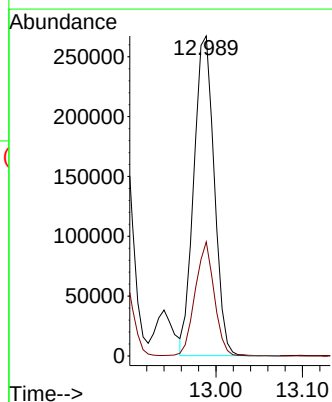
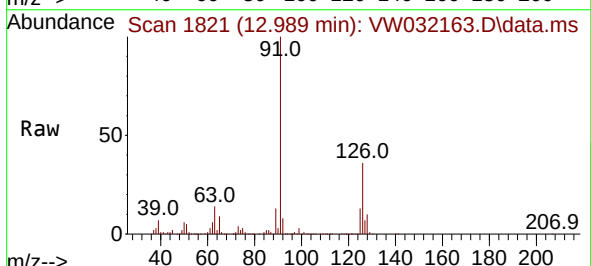
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

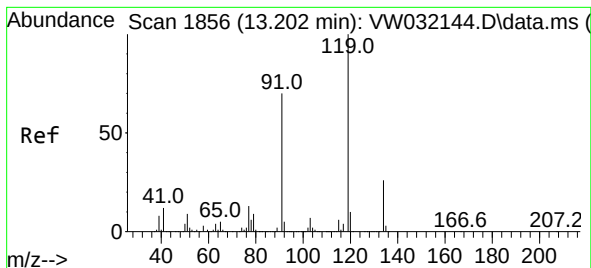
Tgt Ion: 75 Resp: 37907
Ion Ratio Lower Upper
75 100
53 117.2 91.0 136.6
89 48.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 47.728 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 91 Resp: 435680
Ion Ratio Lower Upper
91 100
126 33.7 16.1 48.2





#83

tert-Butylbenzene

Concen: 49.698 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

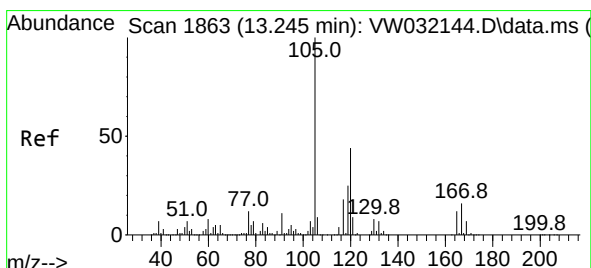
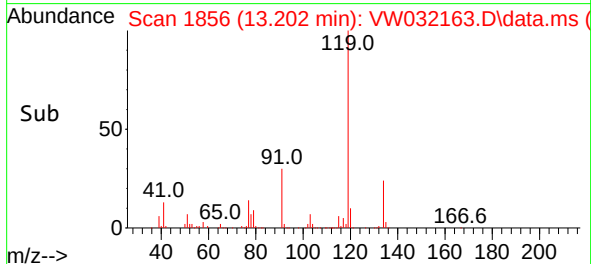
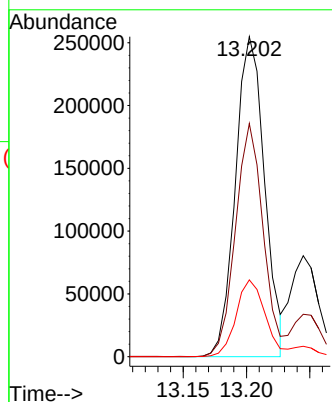
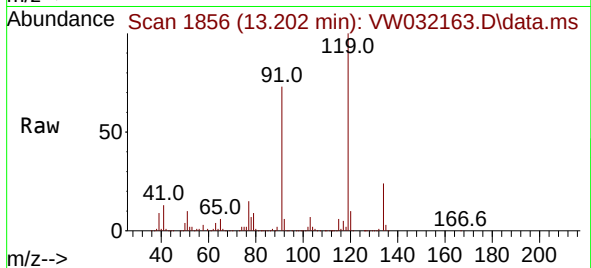
Tgt Ion:119 Resp: 409816

Ion Ratio Lower Upper

119 100

91 70.2 33.8 101.3

134 24.0 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 50.077 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032163.D

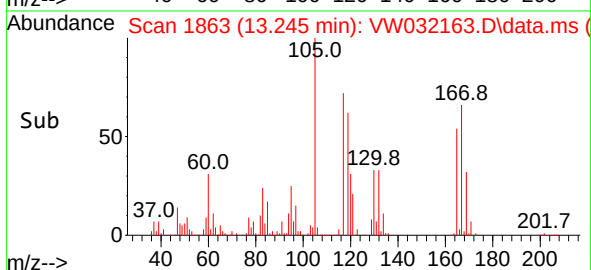
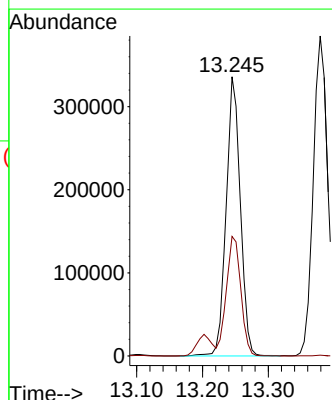
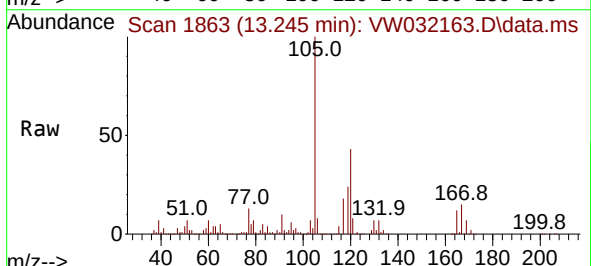
Acq: 28 Aug 2025 16:36

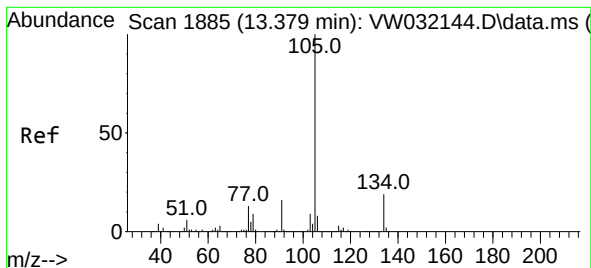
Tgt Ion:105 Resp: 503859

Ion Ratio Lower Upper

105 100

120 43.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 47.827 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

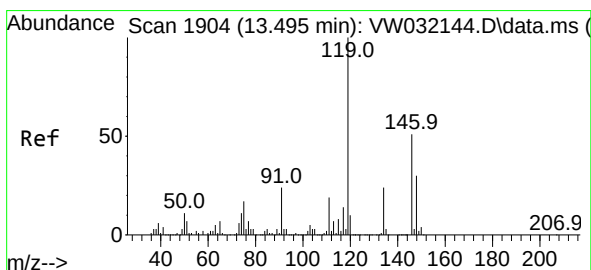
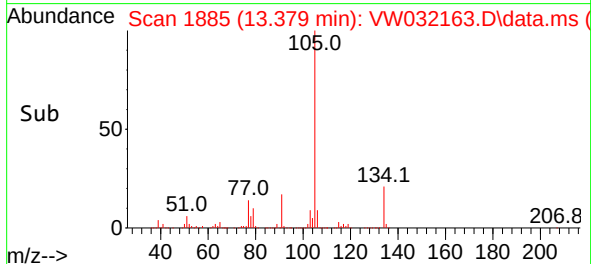
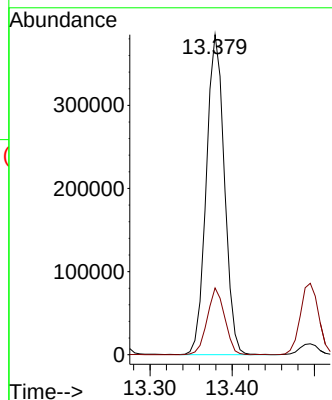
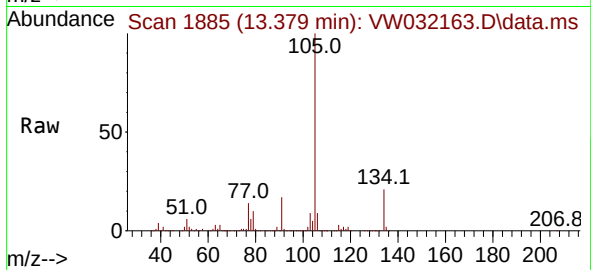
VIBLK

Tgt Ion:105 Resp: 588838

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.043 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

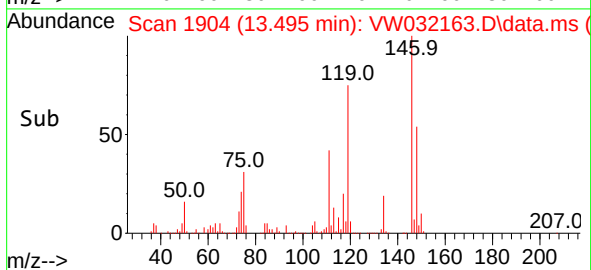
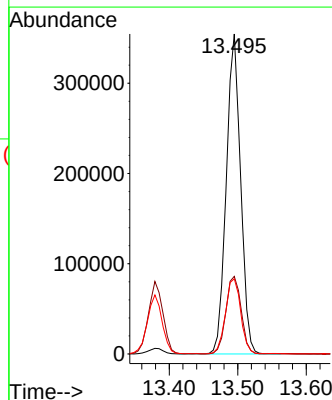
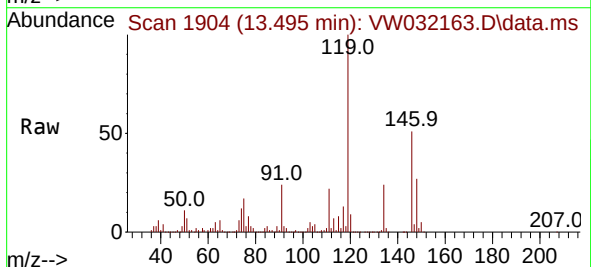
Tgt Ion:119 Resp: 513484

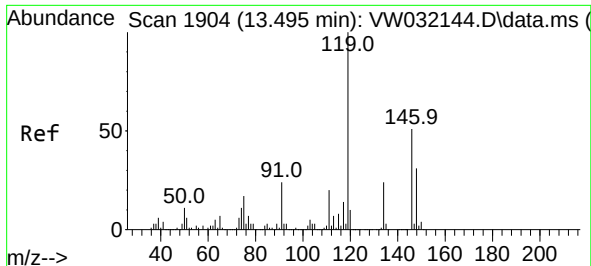
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.6

91 24.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 47.874 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

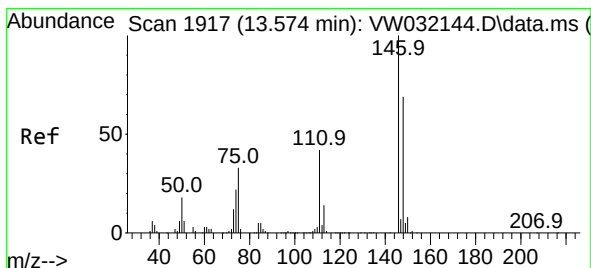
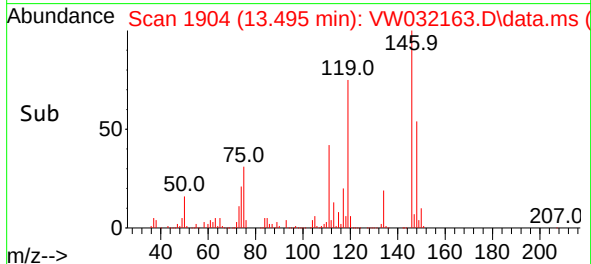
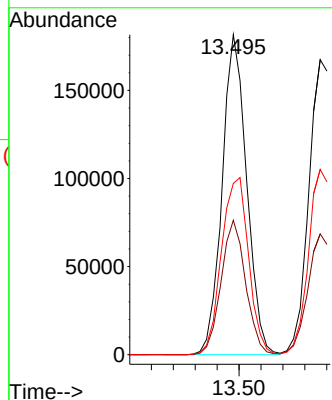
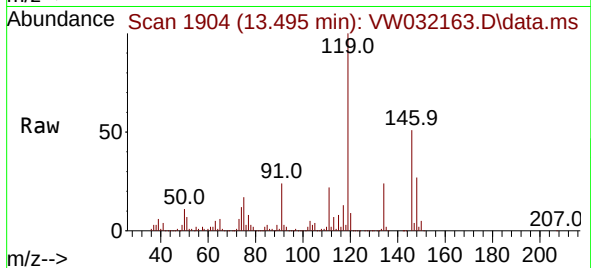
Tgt Ion:146 Resp: 282362

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

148 61.2 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 46.103 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

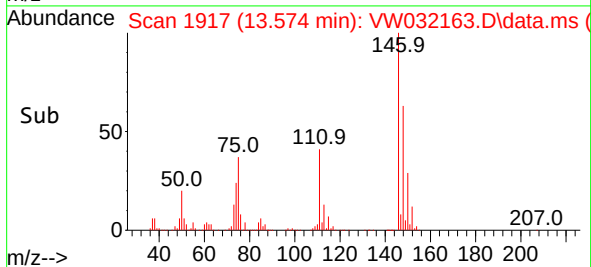
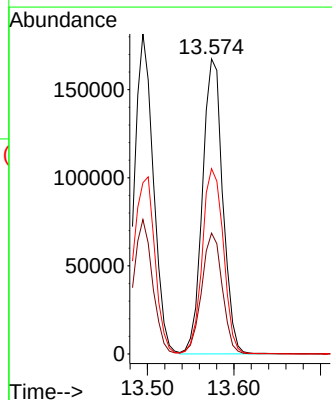
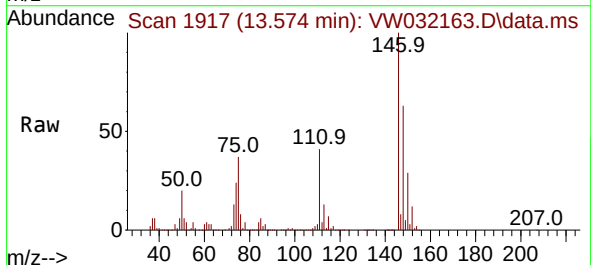
Tgt Ion:146 Resp: 272552

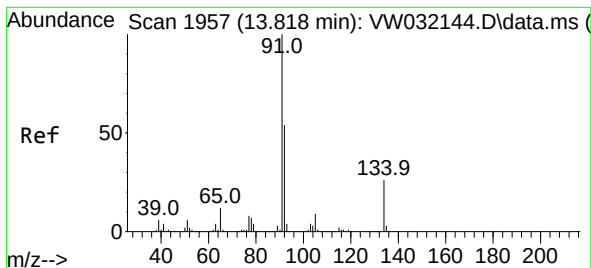
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 65.3 33.4 100.1





#89

n-Butylbenzene

Concen: 48.663 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

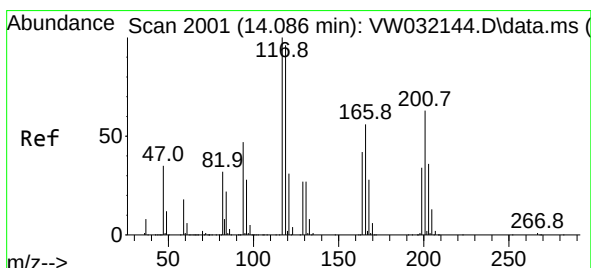
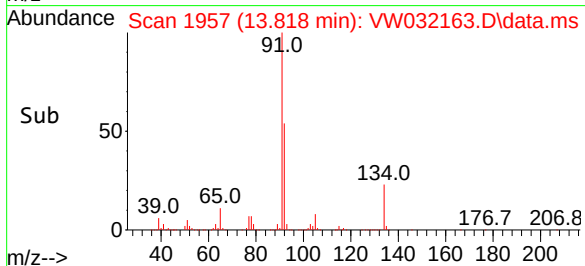
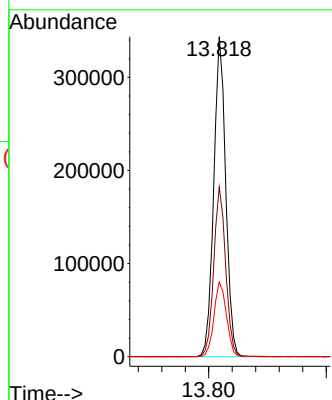
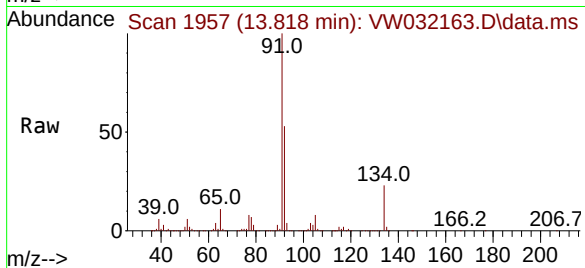
Tgt Ion: 91 Resp: 485755

Ion Ratio Lower Upper

91 100

92 52.9 27.0 81.0

134 24.4 13.1 39.3



#90

Hexachloroethane

Concen: 47.730 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032163.D

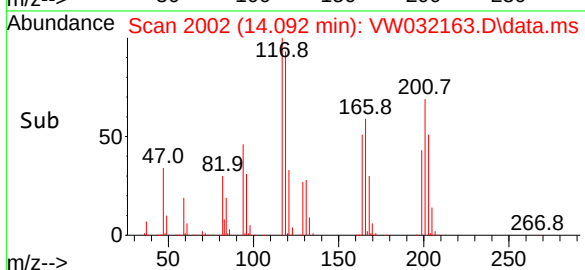
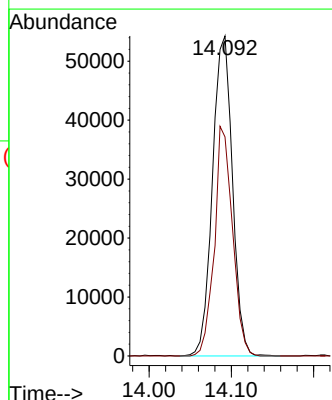
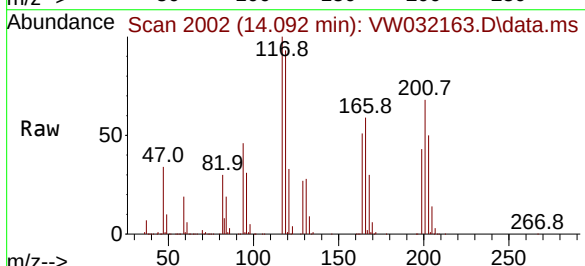
Acq: 28 Aug 2025 16:36

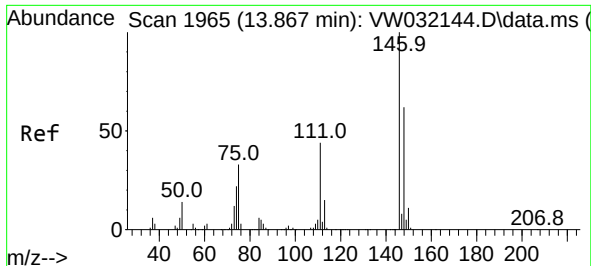
Tgt Ion: 117 Resp: 91410

Ion Ratio Lower Upper

117 100

201 65.3 32.8 98.4

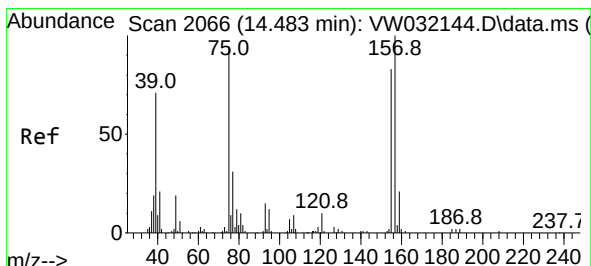
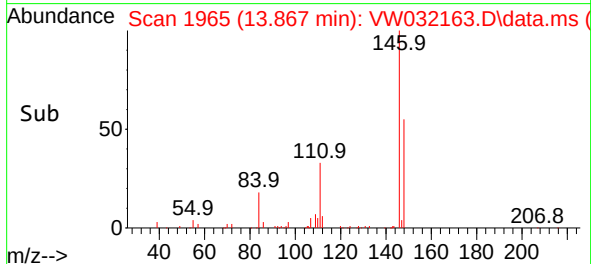
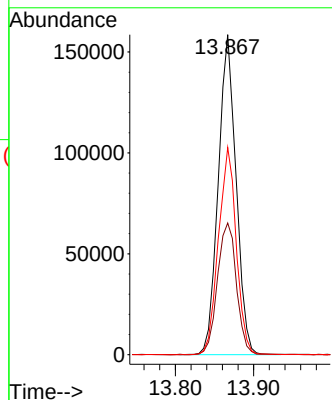
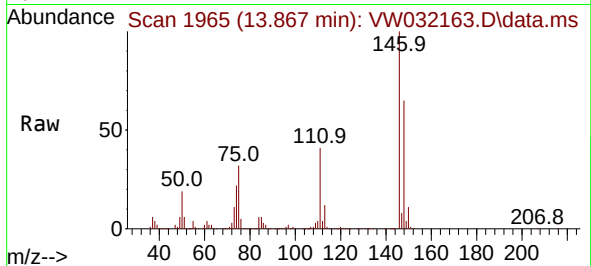




#91
1,2-Dichlorobenzene
Concen: 48.061 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

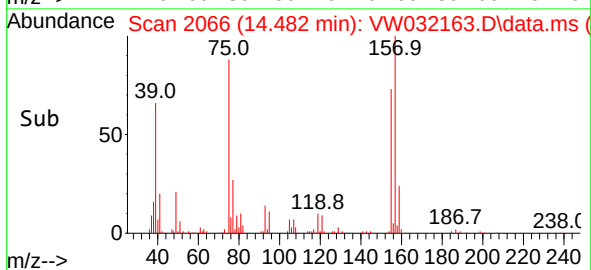
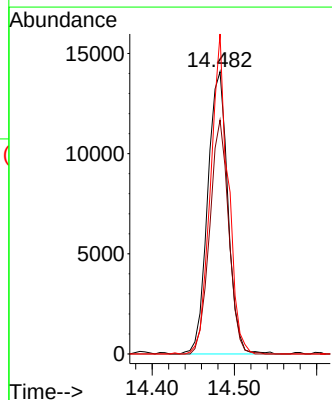
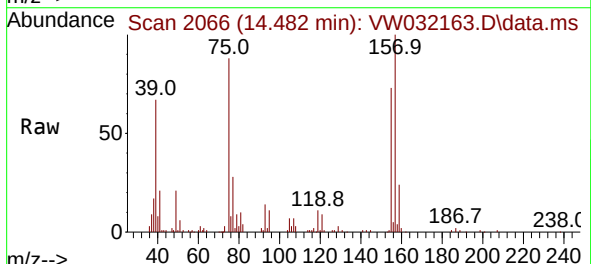
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

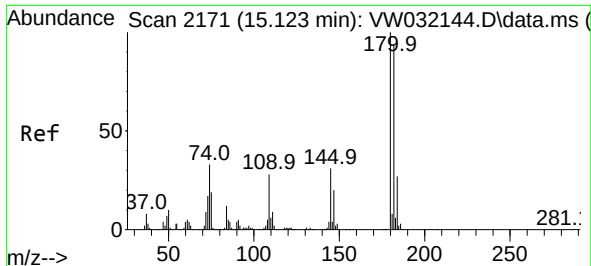
Tgt Ion:146 Resp: 250970
Ion Ratio Lower Upper
146 100
111 44.0 23.4 70.0
148 64.8 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.821 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion: 75 Resp: 24027
Ion Ratio Lower Upper
75 100
155 77.9 40.8 122.5
157 98.5 51.8 155.4

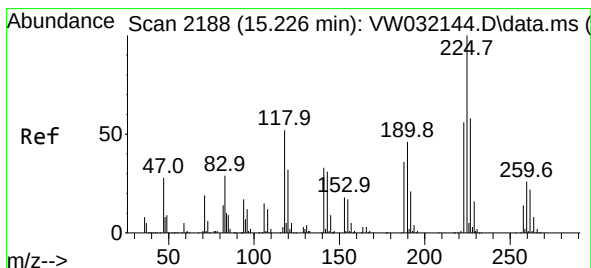
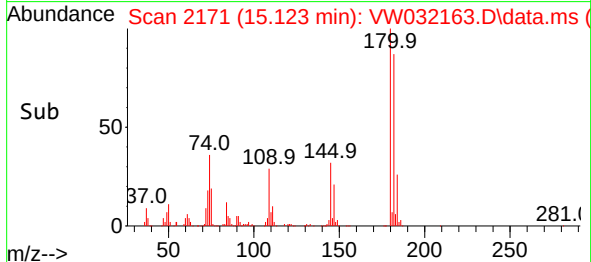
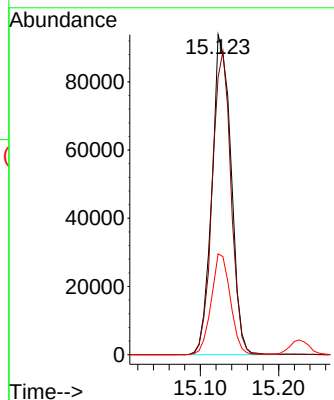
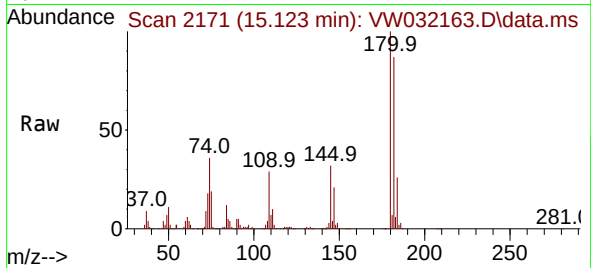




#93
1,2,4-Trichlorobenzene
Concen: 47.714 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

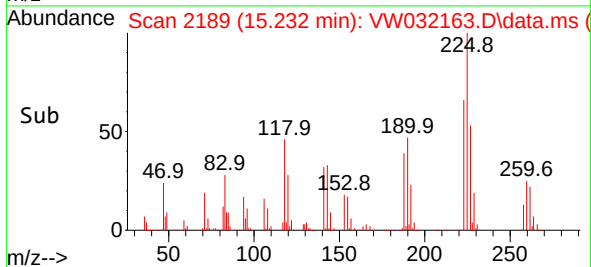
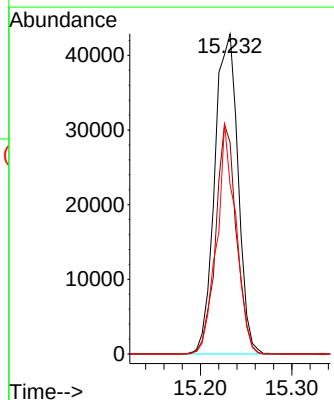
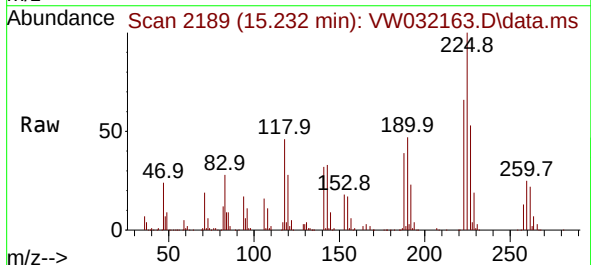
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

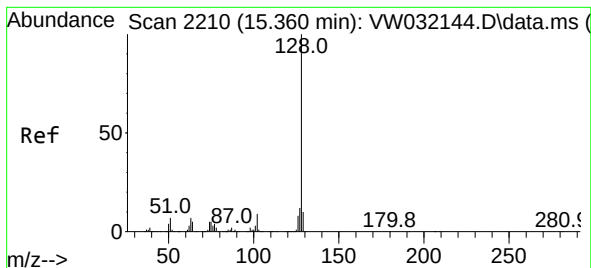
Tgt Ion:180 Resp: 159188
Ion Ratio Lower Upper
180 100
182 93.3 47.4 142.2
145 31.5 16.4 49.1



#94
Hexachlorobutadiene
Concen: 45.798 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032163.D
Acq: 28 Aug 2025 16:36

Tgt Ion:225 Resp: 75779
Ion Ratio Lower Upper
225 100
223 64.0 29.8 89.3
227 59.3 30.5 91.5





#95

Naphthalene

Concen: 49.521 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

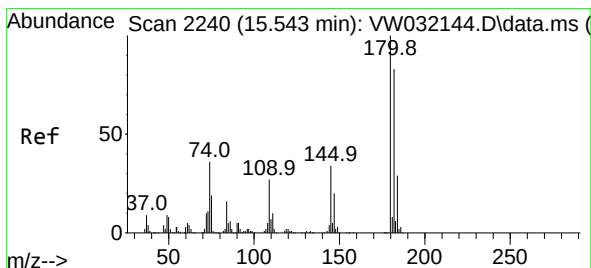
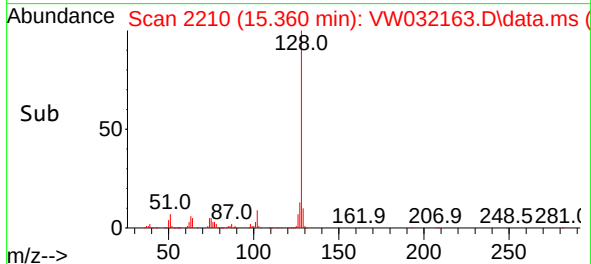
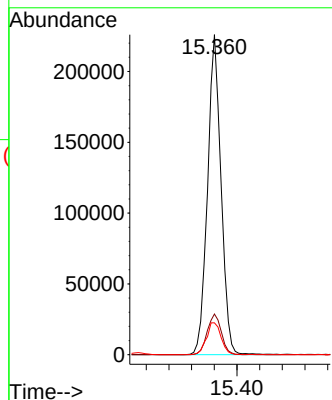
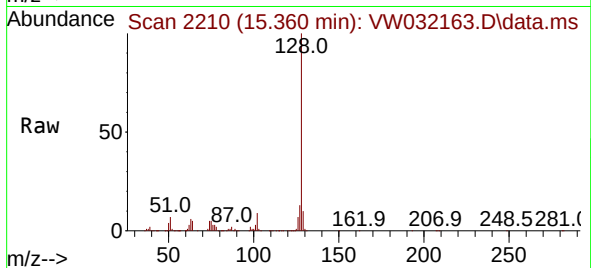
Tgt Ion:128 Resp: 373913

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.449 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW032163.D

Acq: 28 Aug 2025 16:36

Tgt Ion:180 Resp: 147223

Ion Ratio Lower Upper

180 100

182 95.7 47.7 143.1

145 35.5 17.2 51.6

