

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032648.D
 Acq On : 16 Dec 2025 09:54
 Operator : SY/MD
 Sample : BFB
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Dec 17 00:36:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.642	117	1114	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.556	152	984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	651	64.830	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 129.660%	
35) Dibromofluoromethane	7.917	113	678	121.600	ug/l	0.02
Spiked Amount	50.000	Range	70 - 134	Recovery	= 243.200%#	
50) Toluene-d8	10.337	98	1281	60.970	ug/l	0.01
Spiked Amount	50.000	Range	74 - 123	Recovery	= 121.940%	
62) 4-Bromofluorobenzene	12.617	95	264144	34181.339	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 68362.680%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	40	9.820	ug/l #	42
3) Chloromethane	2.247	50	461	63.769	ug/l #	75
4) Vinyl Chloride	2.411	62	399	43.559	ug/l	98
5) Bromomethane	2.796	94	190	31.742	ug/l #	38
6) Chloroethane	2.954	64	46	7.782	ug/l #	1
7) Trichlorofluoromethane	3.308	101	457	57.076	ug/l #	51
8) Diethyl Ether	3.667	74	205	40.419	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.106	101	174	21.826	ug/l #	21
10) Methyl Iodide	4.289	142	46	4.085	ug/l #	1
11) Tert butyl alcohol	5.216	59	190	286.610	ug/l #	1
12) 1,1-Dichloroethene	4.058	96	312	37.258	ug/l #	11
13) Acrolein	3.936	56	203	214.302	ug/l #	15
14) Allyl chloride	4.704	41	296	19.440	ug/l #	74
15) Acrylonitrile	5.423	53	145	51.948	ug/l #	47
16) Acetone	4.167	43	11961	3467.911	ug/l #	87
17) Carbon Disulfide	4.429	76	284	12.059	ug/l #	1
18) Methyl Acetate	4.722	43	763	115.397	ug/l #	53
19) Methyl tert-butyl Ether	5.454	73	170	9.942	ug/l #	41
20) Methylene Chloride	4.954	84	13586	1601.899	ug/l	90
21) trans-1,2-Dichloroethene	5.423	96	57	6.293	ug/l #	8
22) Diisopropyl ether	6.338	45	220	7.172	ug/l #	31
23) Vinyl Acetate	6.264	43	91	4.467	ug/l #	1
24) 1,1-Dichloroethane	6.252	63	102	5.729	ug/l #	83
25) 2-Butanone	7.197	43	91	23.211	ug/l #	51
26) 2,2-Dichloropropane	7.404	77	85	7.976	ug/l	91
27) cis-1,2-Dichloroethene	7.057	96	58	5.478	ug/l	16
28) Bromochloromethane	7.514	49	153	22.710	ug/l #	19
29) Tetrahydrofuran	7.289	42	210	88.936	ug/l	98
30) Chloroform	7.539	83	38	2.145	ug/l	95
31) Cyclohexane	7.984	56	318	19.268	ug/l #	41
32) 1,1,1-Trichloroethane	7.874	97	25	1.853	ug/l #	1
36) 1,1-Dichloropropene	8.106	75	19	2.200	ug/l #	1
37) Ethyl Acetate	7.270	43	376	65.570	ug/l #	53
38) Carbon Tetrachloride	8.057	117	37	4.527	ug/l #	16
39) Methylcyclohexane	9.343	83	514	47.534	ug/l	92
40) Benzene	8.331	78	491	18.931	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	115	36.177	ug/l #	22
42) 1,2-Dichloroethane	8.465	62	130	15.840	ug/l	79
43) Isopropyl Acetate	8.447	43	145	14.525	ug/l #	73
44) Trichloroethene	9.093	130	143	23.838	ug/l	41
45) 1,2-Dichloropropane	9.386	63	28	4.233	ug/l #	45
46) Dibromomethane	9.477	93	116	30.484	ug/l #	18
47) Bromodichloromethane	9.672	83	129	14.384	ug/l #	25
48) Methyl methacrylate	9.453	41	71	14.773	ug/l #	31
49) 1,4-Dioxane	9.489	88	21	434.961	ug/l #	1
51) 4-Methyl-2-Pentanone	10.215	43	244	43.518	ug/l	97
52) Toluene	10.392	92	677	42.389	ug/l #	63
53) t-1,3-Dichloropropene	10.611	75	135	15.471	ug/l #	84
54) cis-1,3-Dichloropropene	10.075	75	54	5.321	ug/l #	37
55) 1,1,2-Trichloroethane	10.800	97	138	26.749	ug/l #	46
56) Ethyl methacrylate	10.654	69	61	8.514	ug/l #	23
57) 1,3-Dichloropropane	10.959	76	162	17.726	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.935	63	334	101.689	ug/l #	48
59) 2-Hexanone	11.026	43	259	64.123	ug/l	88
60) Dibromochloromethane	11.148	129	92	16.093	ug/l #	12
61) 1,2-Dibromoethane	11.264	107	26	5.287	ug/l #	10
64) Tetrachloroethene	10.867	164	107	15.056	ug/l #	35
65) Chlorobenzene	11.660	112	206	8.137	ug/l #	25
66) 1,1,1,2-Tetrachloroethane	11.727	131	98	12.645	ug/l #	44
67) Ethyl Benzene	11.739	91	564	13.033	ug/l	99
68) m/p-Xylenes	11.849	106	445	26.962	ug/l	80
69) o-Xylene	12.178	106	259	17.177	ug/l	84
70) Styrene	12.184	104	317	12.066	ug/l #	81
71) Bromoform	12.355	173	117	27.020	ug/l #	28
73) Isopropylbenzene	12.349	105	107	1.445	ug/l	86
74) N-amyl acetate	12.294	43	166	6.863	ug/l #	21
75) 1,1,2,2-Tetrachloroethane	12.715	83	97	5.512	ug/l #	26
76) 1,2,3-Trichloropropane	12.617	75	135043	6008.241	ug/l #	1
77) Bromobenzene	12.739	156	121	7.093	ug/l #	45
78) n-propylbenzene	12.617	91	1227	13.079	ug/l	82
79) 2-Chlorotoluene	12.891	91	432	7.731	ug/l	95
80) 1,3,5-Trimethylbenzene	12.952	105	305	4.941	ug/l #	10
81) trans-1,4-Dichloro-2-b...	12.617	75	135043	23528.894	ug/l #	7
82) 4-Chlorotoluene	12.891	91	432	7.280	ug/l	96
83) tert-Butylbenzene	13.202	119	348	6.569	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.275	105	530	8.451	ug/l	99
85) sec-Butylbenzene	13.379	105	624	7.720	ug/l	87
86) p-Isopropyltoluene	13.489	119	720	10.879	ug/l #	68
87) 1,3-Dichlorobenzene	13.507	146	335	9.756	ug/l #	53
88) 1,4-Dichlorobenzene	13.568	146	456	13.220	ug/l #	46
89) n-Butylbenzene	13.818	91	738	11.088	ug/l	92
90) Hexachloroethane	14.111	117	23	1.849	ug/l	77
91) 1,2-Dichlorobenzene	13.873	146	232	7.464	ug/l #	56
92) 1,2-Dibromo-3-Chloropr...	14.489	75	206	68.028	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.129	180	290	15.761	ug/l #	76
94) Hexachlorobutadiene	15.226	225	160	18.608	ug/l #	67
95) Naphthalene	15.373	128	750	17.339	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.549	180	180	10.889	ug/l	81

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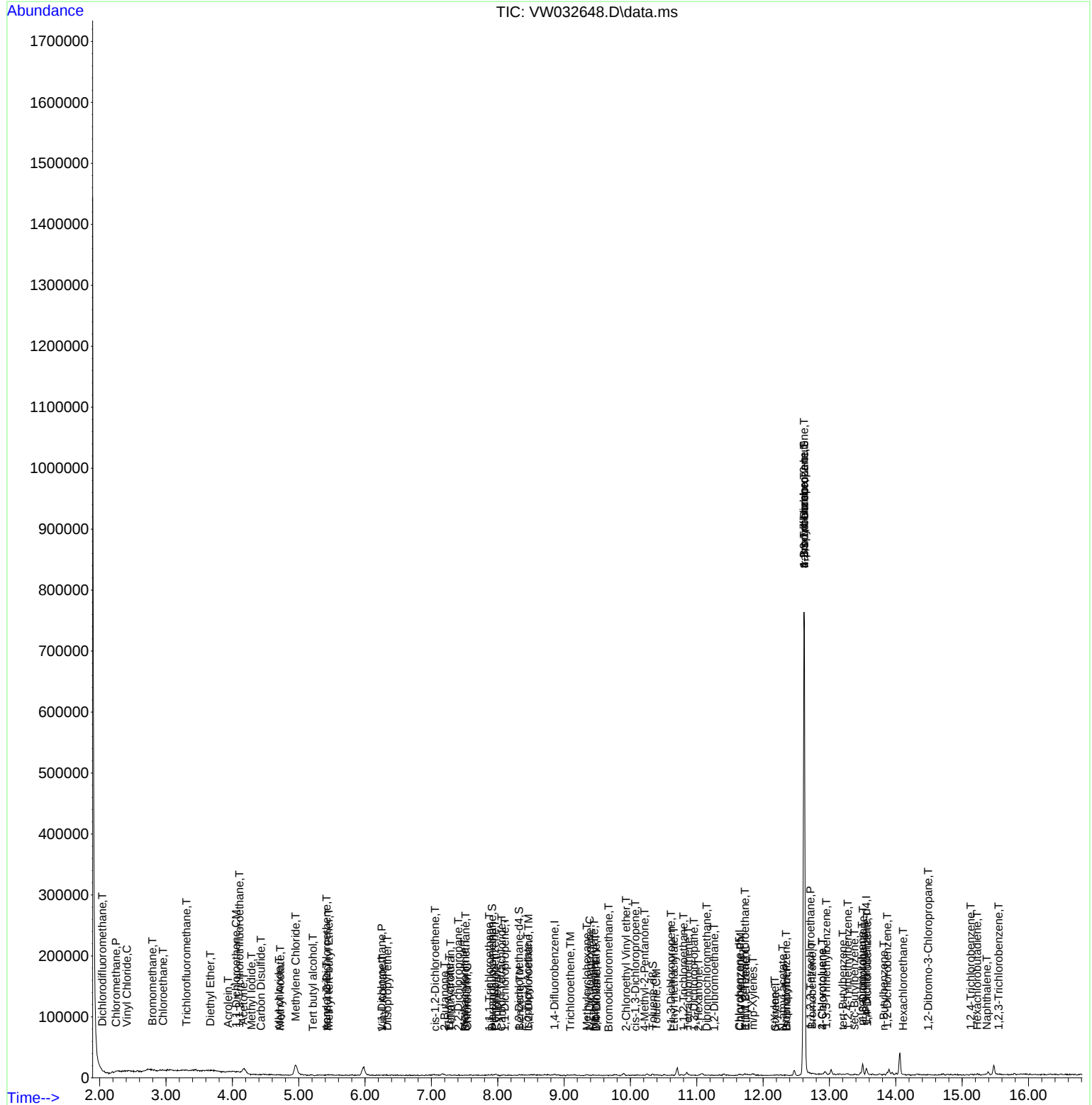
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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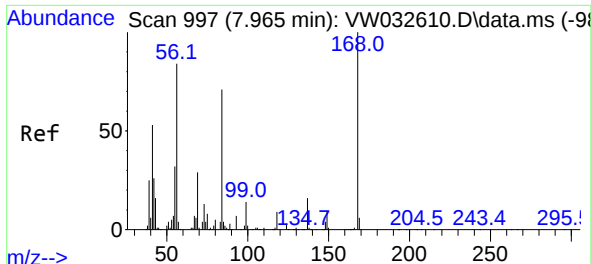
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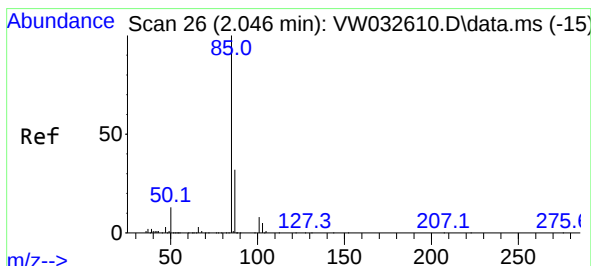
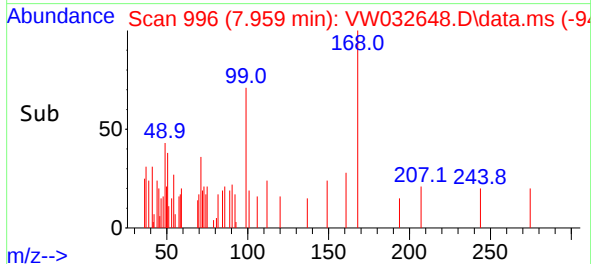
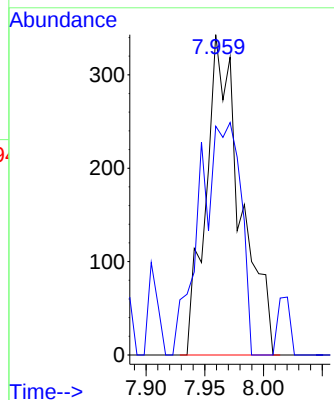
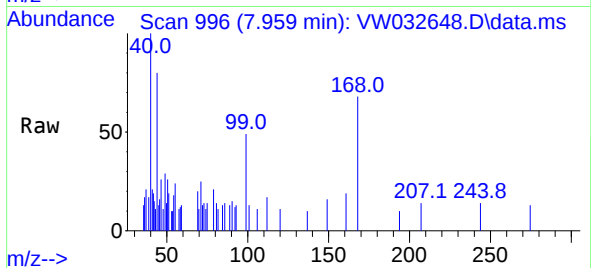




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. 0.000 min
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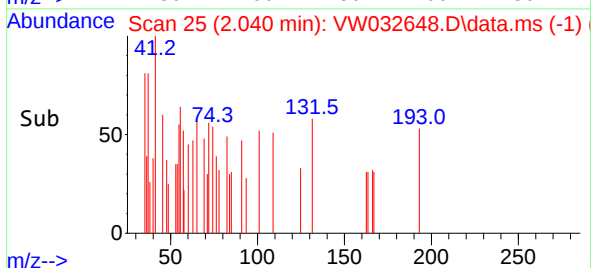
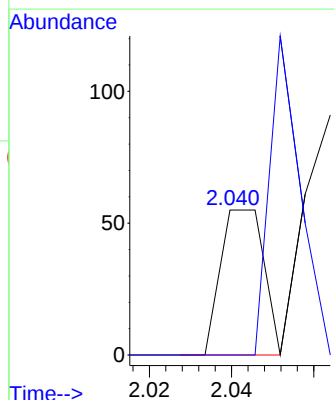
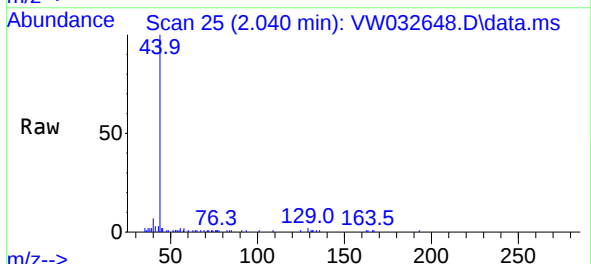
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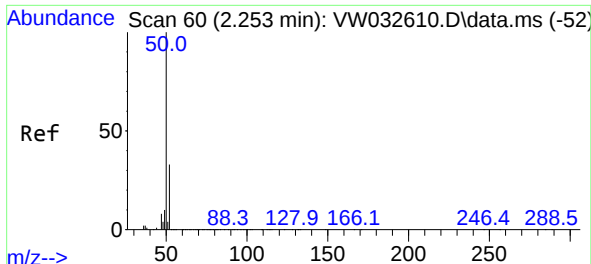
Tgt Ion:168 Resp: 700
Ion Ratio Lower Upper
168 100
99 54.2 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 9.820 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 85 Resp: 40
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.3#

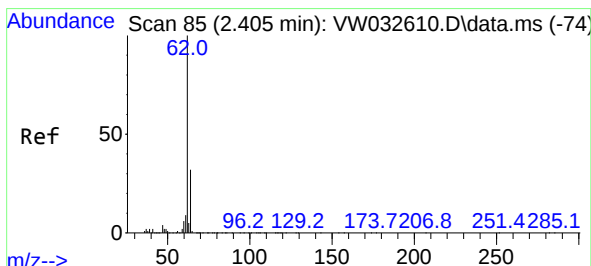
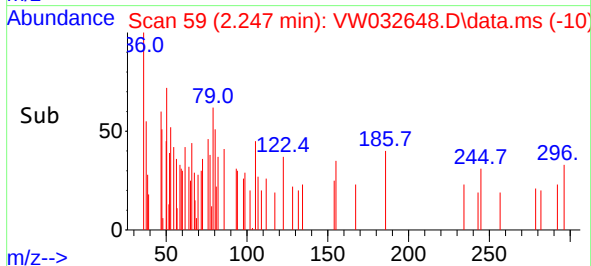
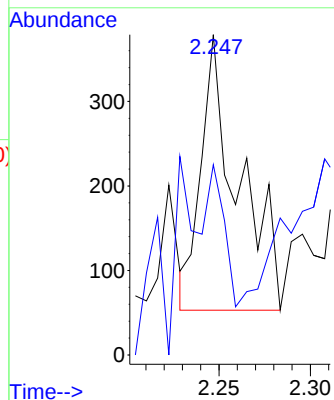
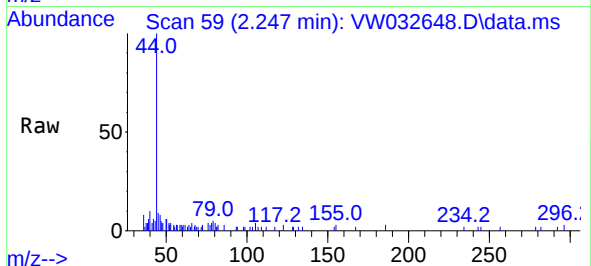




#3
Chloromethane
Concen: 63.769 ug/l
RT: 2.247 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

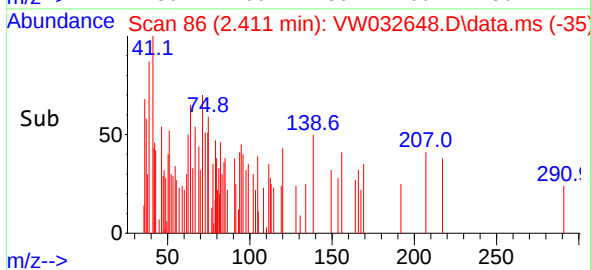
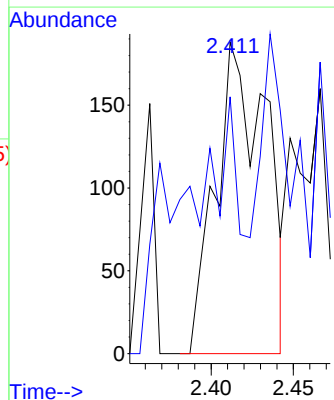
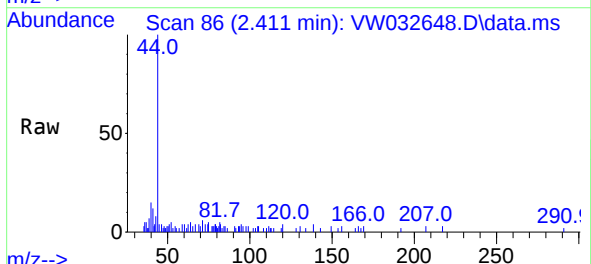
Instrument :
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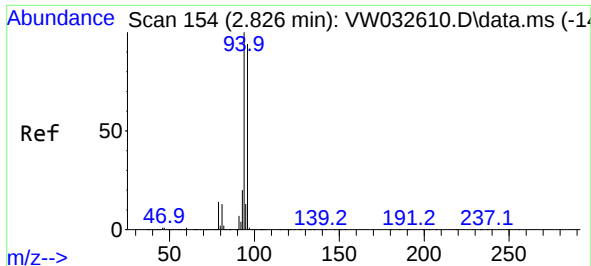
Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 19.3 26.6 40.0#



#4
Vinyl Chloride
Concen: 43.559 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 62 Resp: 399
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9

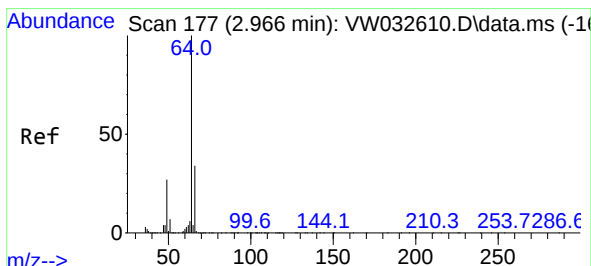
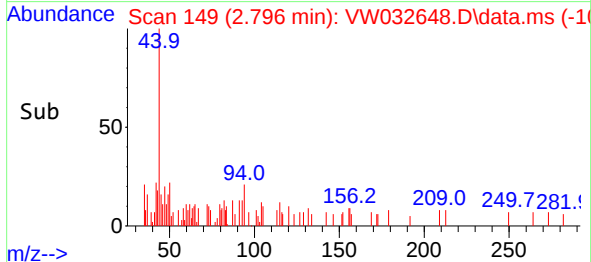
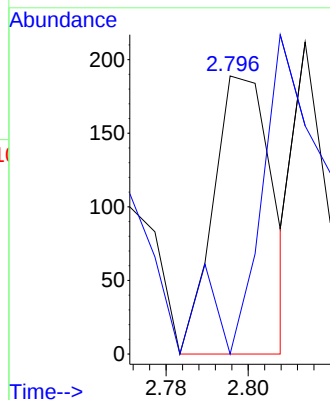
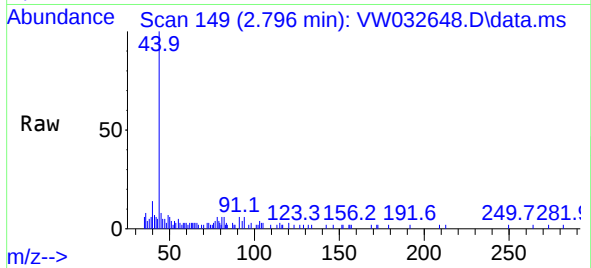




#5
Bromomethane
Concen: 31.742 ug/l
RT: 2.796 min Scan# 14
Delta R.T. -0.018 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

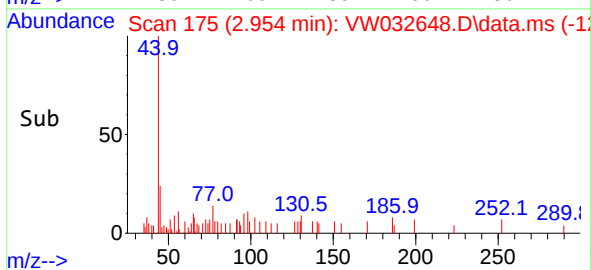
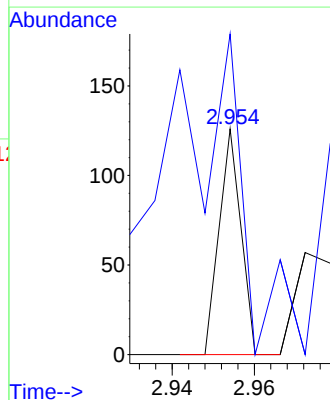
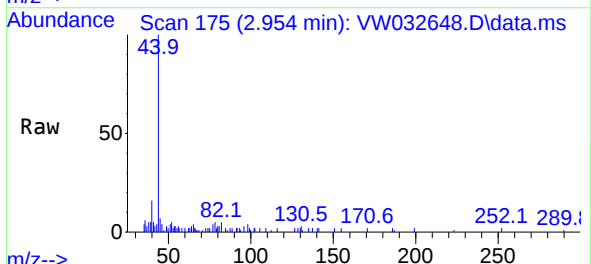
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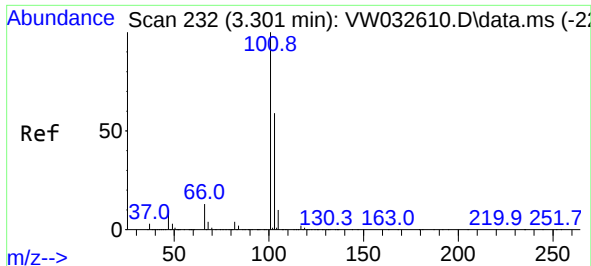
Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 33.9 75.4 113.2#



#6
Chloroethane
Concen: 7.782 ug/l
RT: 2.954 min Scan# 175
Delta R.T. -0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 100.0 27.3 40.9#

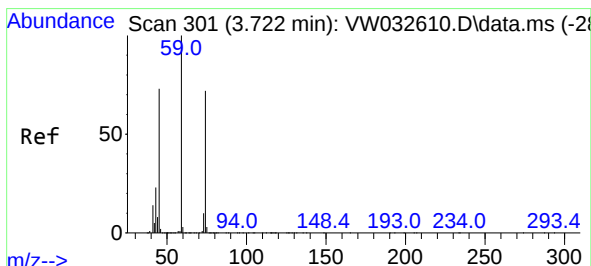
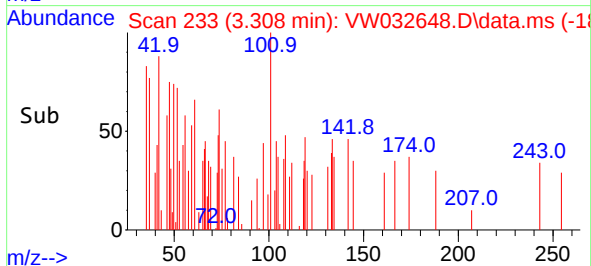
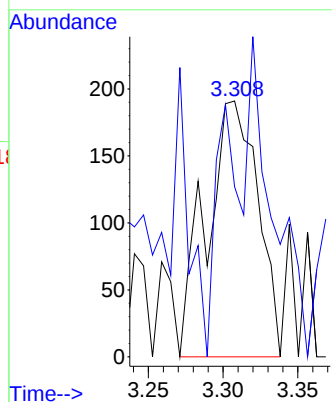
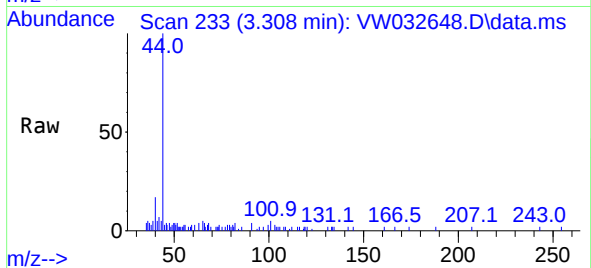




#7
Trichlorofluoromethane
Concen: 57.076 ug/l
RT: 3.308 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

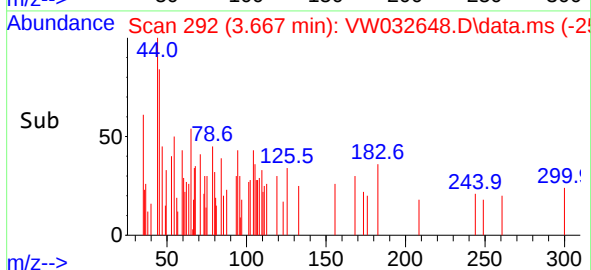
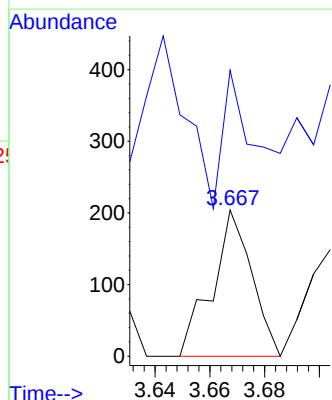
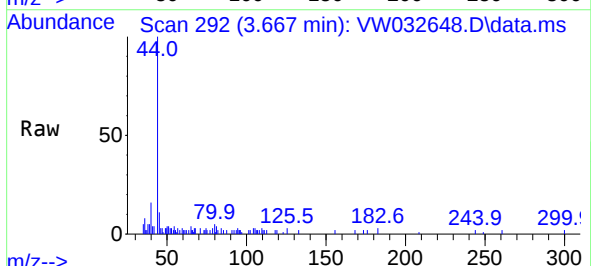
Instrument :
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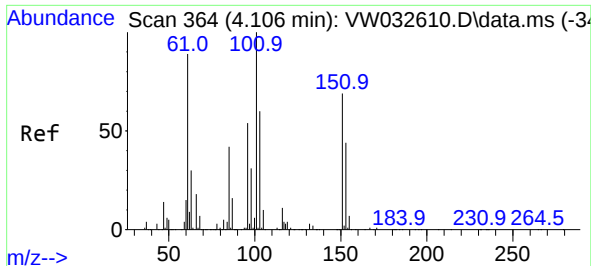
Tgt Ion:101 Resp: 457
Ion Ratio Lower Upper
101 100
103 22.5 47.3 70.9#



#8
Diethyl Ether
Concen: 40.419 ug/l
RT: 3.667 min Scan# 292
Delta R.T. -0.049 min
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Tgt Ion: 74 Resp: 205
Ion Ratio Lower Upper
74 100
45 79.5 52.4 157.2

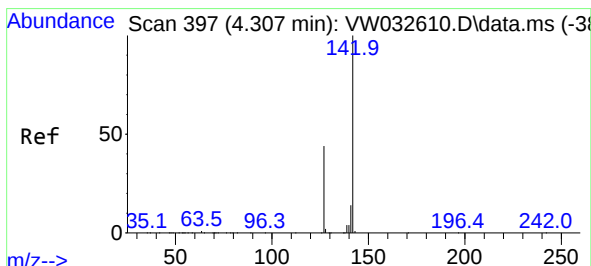
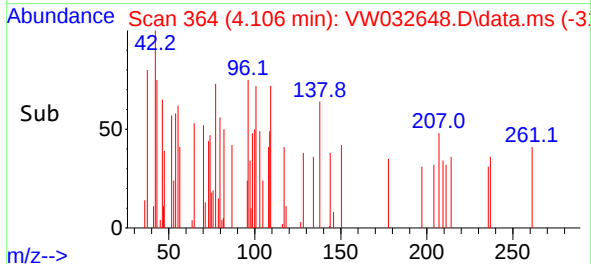
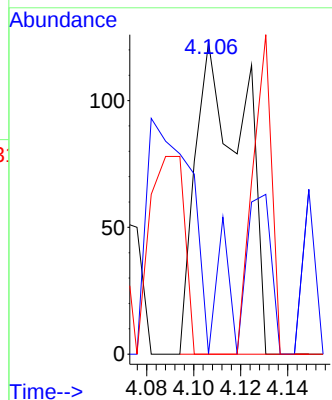
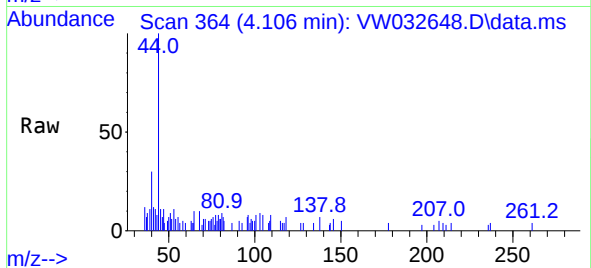




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.826 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

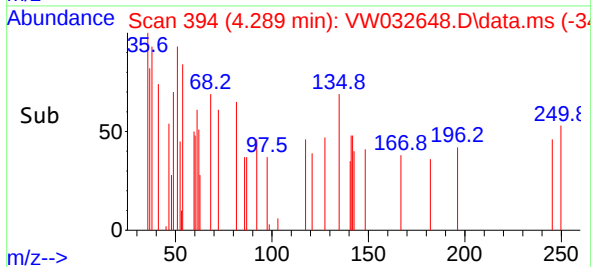
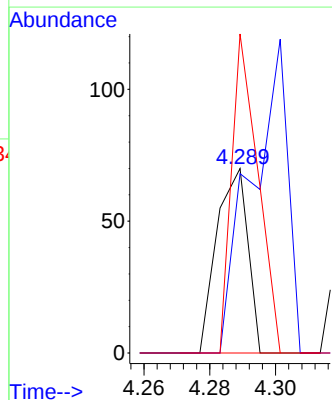
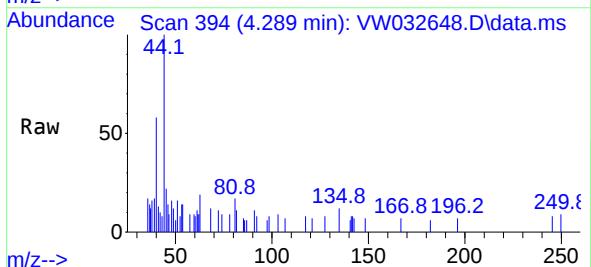
Instrument :
MSVOA_W
ClientSampleId :
BFB

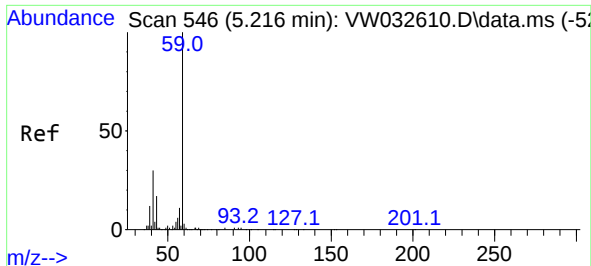
Tgt Ion:101 Resp: 174
Ion Ratio Lower Upper
101 100
85 0.0 35.4 53.2#
151 0.0 56.7 85.1#



#10
Methyl Iodide
Concen: 4.085 ug/l
RT: 4.289 min Scan# 394
Delta R.T. -0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 197.8 36.0 54.0#
141 145.7 11.6 17.4#

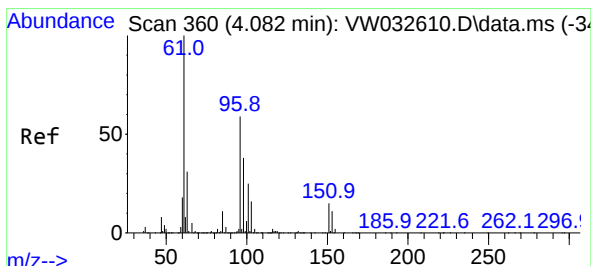
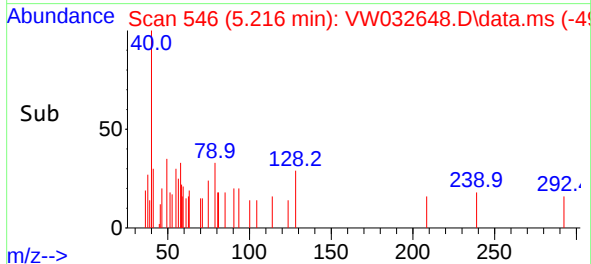
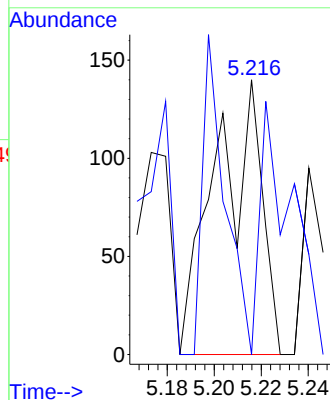
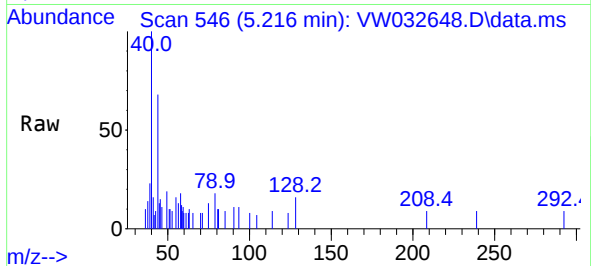




#11
Tert butyl alcohol
Concen: 286.610 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

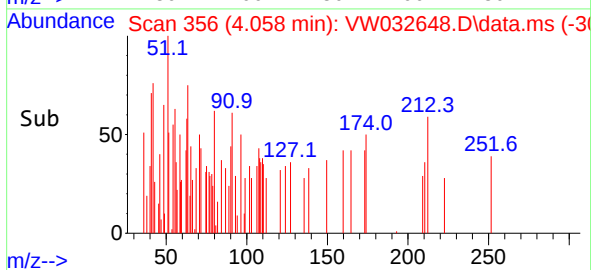
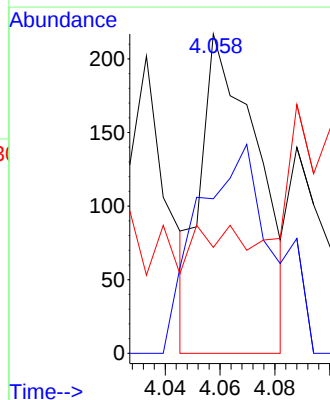
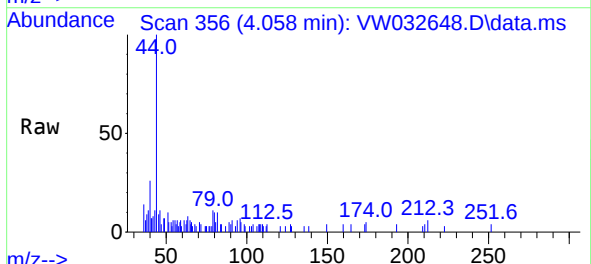
Instrument :
MSVOA_W
ClientSampleId :
BFB

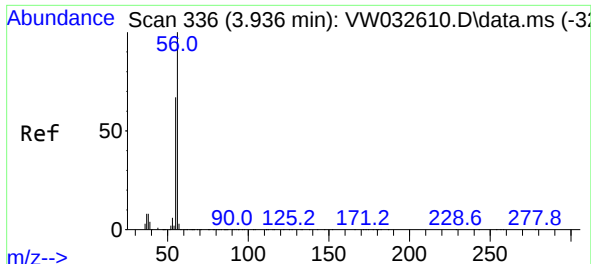
Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 63.2 9.4 14.0#



#12
1,1-Dichloroethene
Concen: 37.258 ug/l
RT: 4.058 min Scan# 356
Delta R.T. -0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 96 Resp: 312
Ion Ratio Lower Upper
96 100
61 35.1 134.6 202.0#
98 13.4 51.1 76.7#

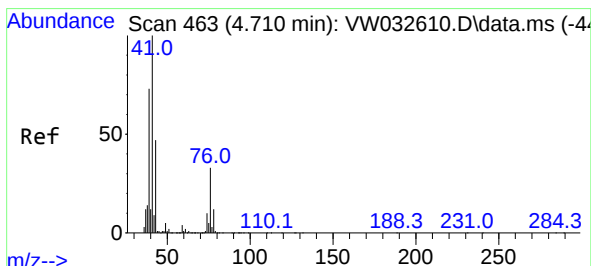
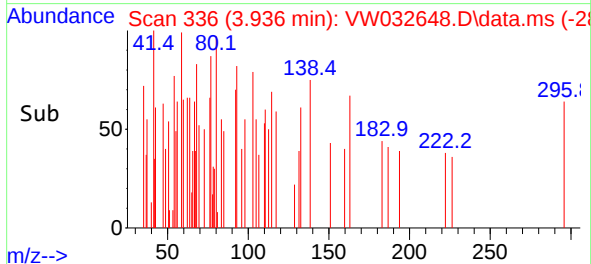
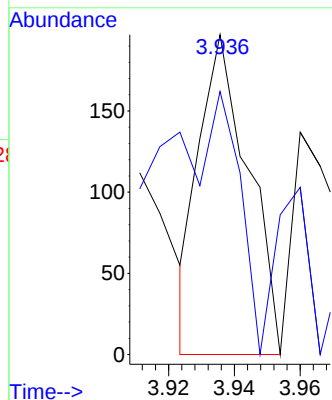
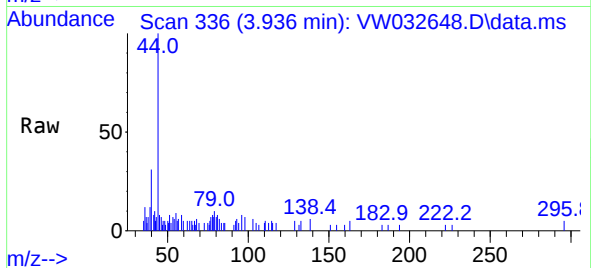




#13
Acrolein
Concen: 214.302 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

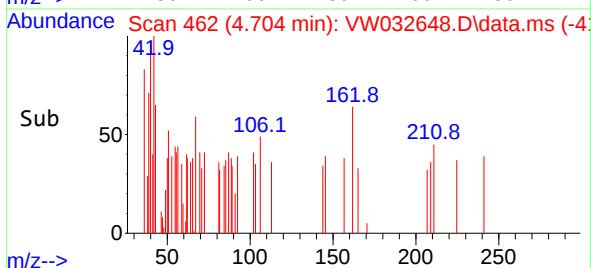
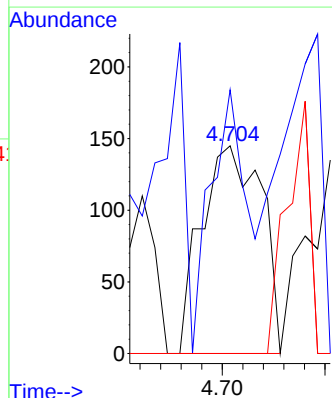
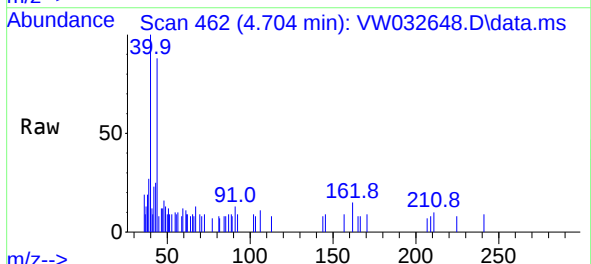
Instrument :
MSVOA_W
ClientSampleId :
BFB

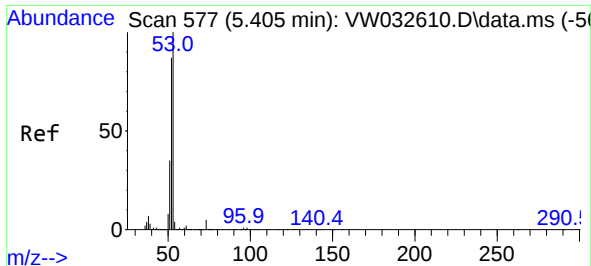
Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#14
Allyl chloride
Concen: 19.440 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 41 Resp: 296
Ion Ratio Lower Upper
41 100
39 76.4 54.2 81.2
76 0.0 26.3 39.5#

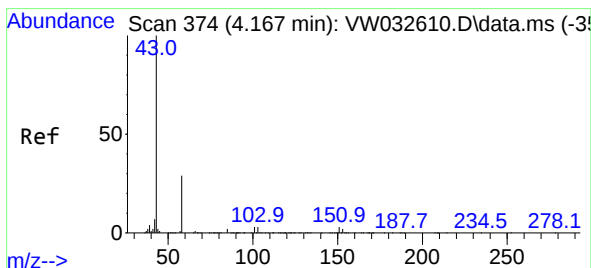
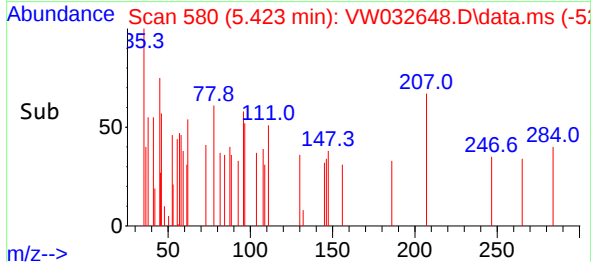
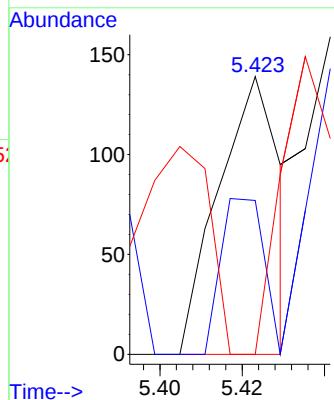
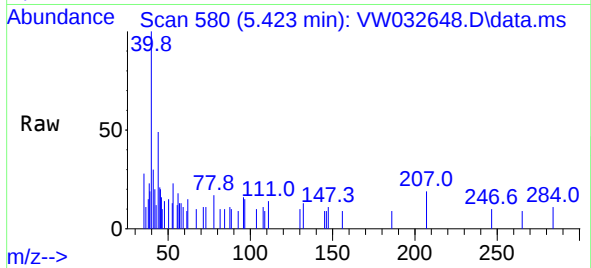




#15
Acrylonitrile
Concen: 51.948 ug/l
RT: 5.423 min Scan# 51
Delta R.T. 0.030 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

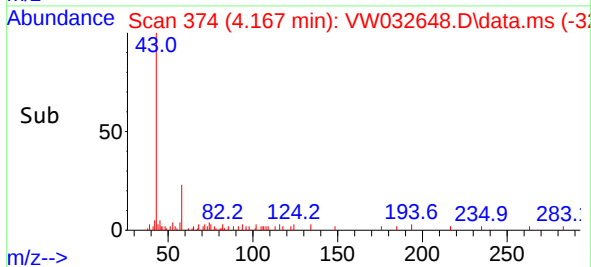
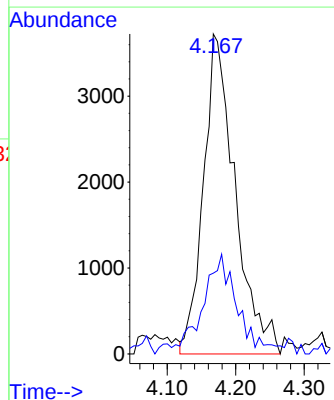
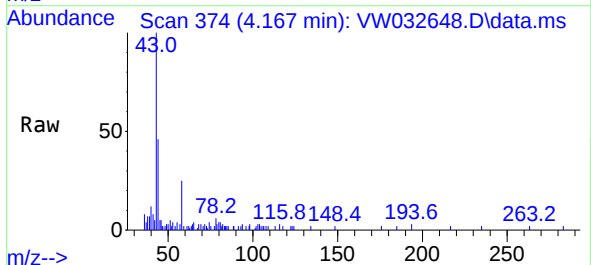
Instrument :
MSVOA_W
ClientSampleId :
BFB

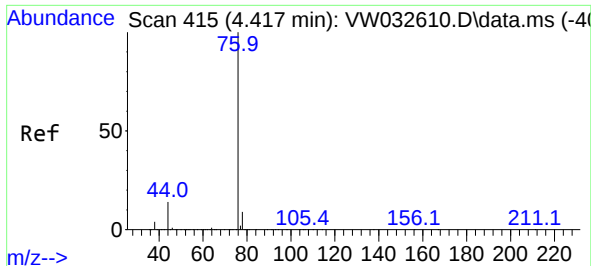
Tgt Ion: 53	Resp: 145
Ion Ratio	Lower Upper
53 100	
52 39.3	66.7 100.1#
51 0.0	29.8 44.6#



#16
Acetone
Concen: 3467.911 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 43	Resp: 11961
Ion Ratio	Lower Upper
43 100	
58 22.8	23.9 35.9#

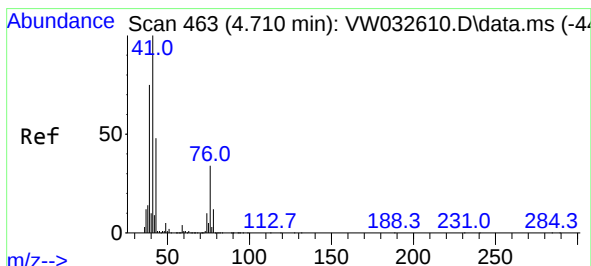
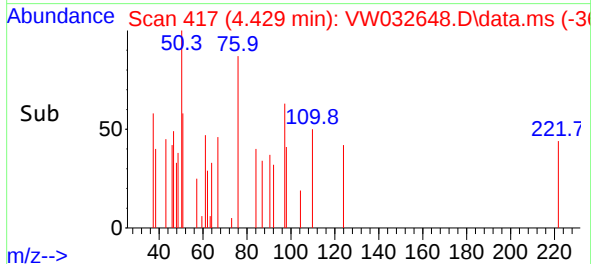
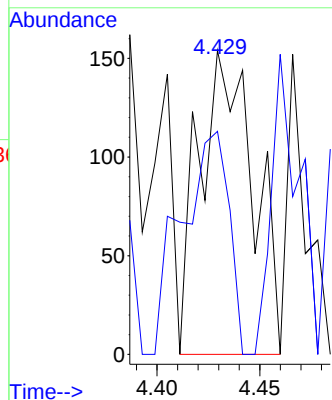
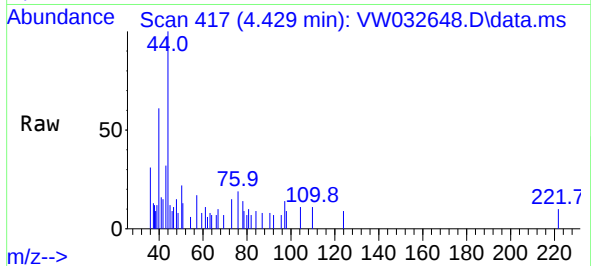




#17
Carbon Disulfide
Concen: 12.059 ug/l
RT: 4.429 min Scan# 417
Delta R.T. 0.018 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

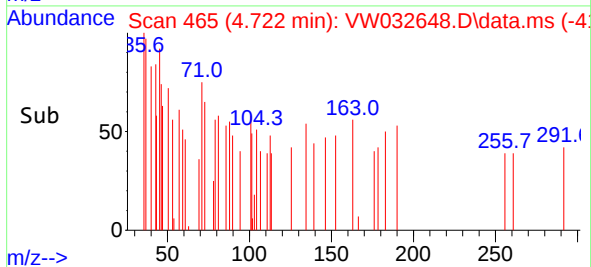
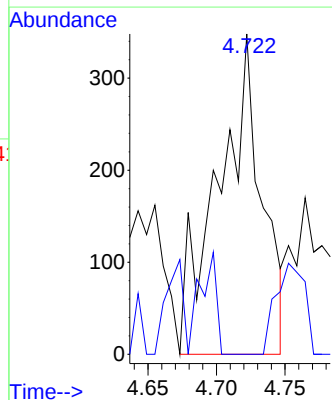
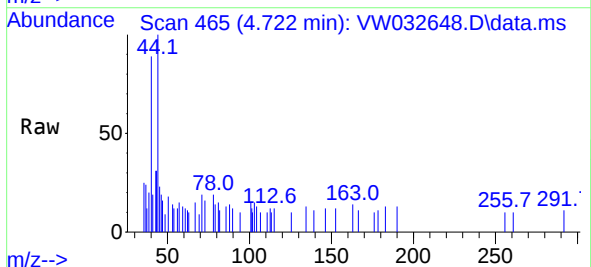
Instrument :
MSVOA_W
ClientSampleId :
BFB

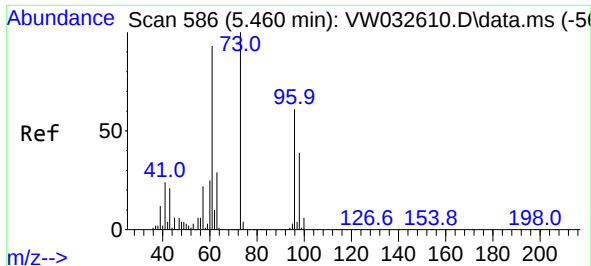
Tgt Ion: 76 Resp: 284
Ion Ratio Lower Upper
76 100
78 75.3 6.8 10.2#



#18
Methyl Acetate
Concen: 115.397 ug/l
RT: 4.722 min Scan# 465
Delta R.T. 0.018 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#





#19

Methyl tert-butyl Ether

Concen: 9.942 ug/l

RT: 5.454 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

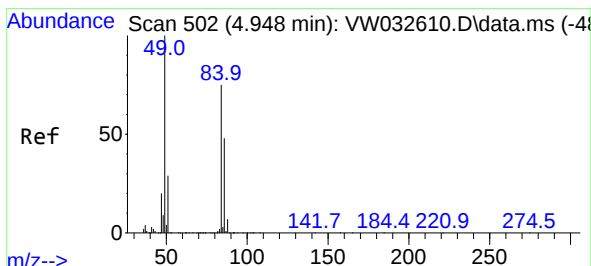
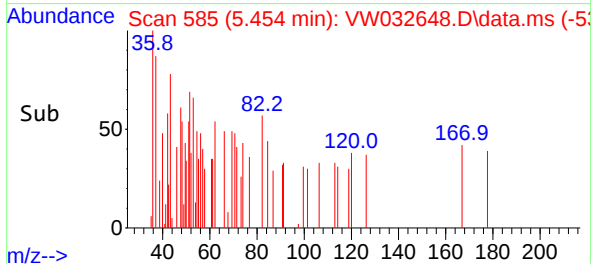
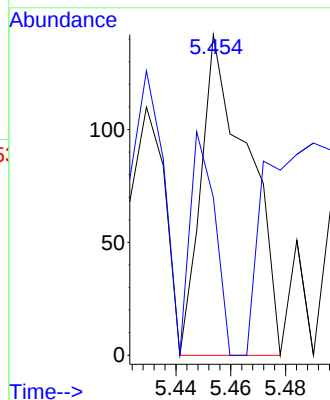
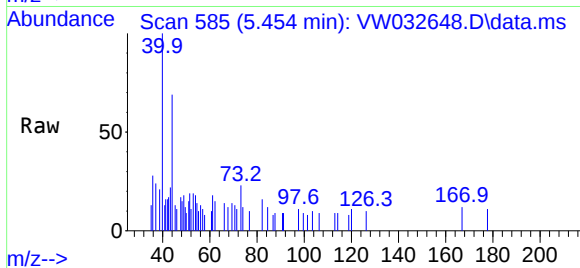
BFB

Tgt Ion: 73 Resp: 170

Ion Ratio Lower Upper

73 100

57 49.3 17.3 25.9#



#20

Methylene Chloride

Concen: 1601.899 ug/l

RT: 4.954 min Scan# 503

Delta R.T. 0.006 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Tgt Ion: 84 Resp: 13586

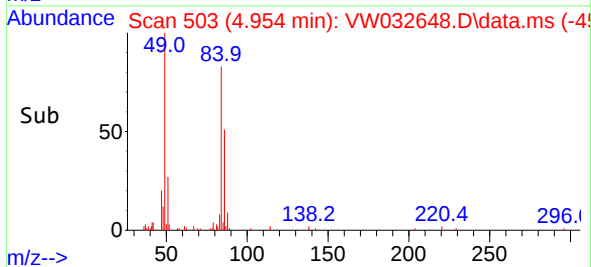
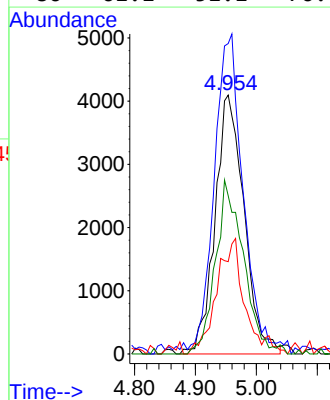
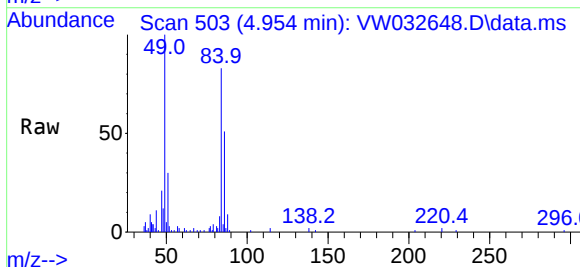
Ion Ratio Lower Upper

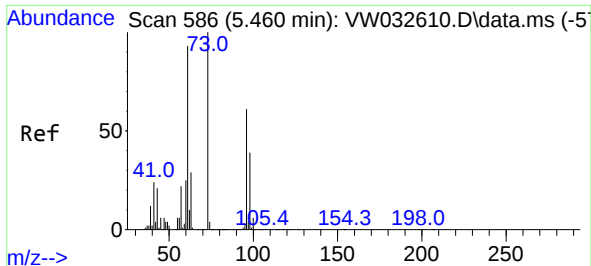
84 100

49 118.1 106.9 160.3

51 34.2 31.4 47.2

86 61.1 51.1 76.7

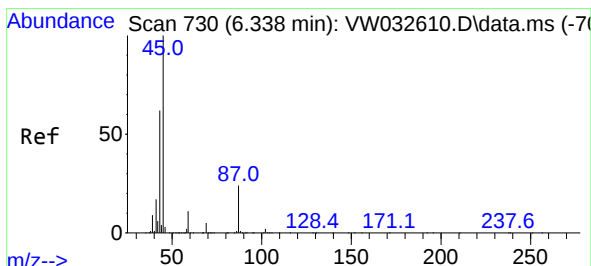
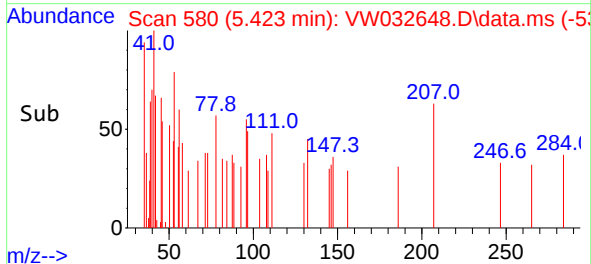
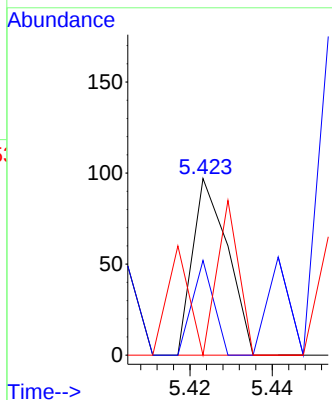
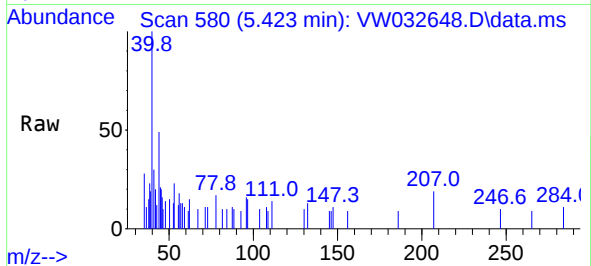




#21
trans-1,2-Dichloroethene
Concen: 6.293 ug/l
RT: 5.423 min Scan# 51
Delta R.T. -0.024 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

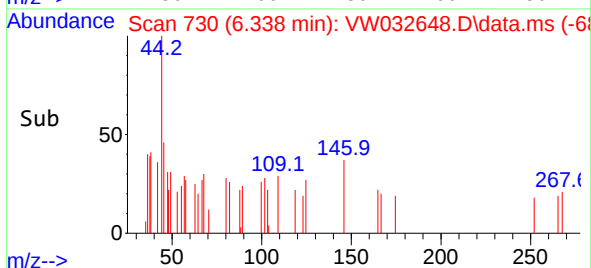
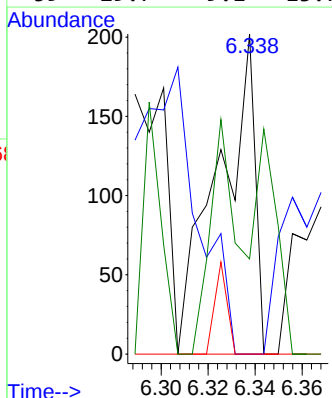
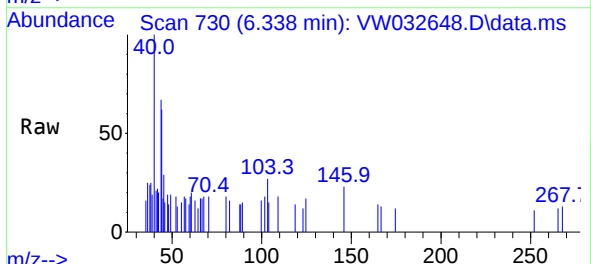
Instrument :
MSVOA_W
ClientSampleId :
BFB

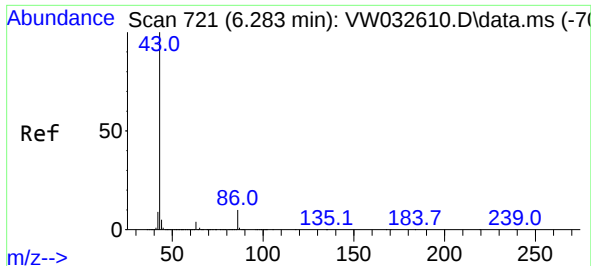
Tgt Ion: 96 Resp: 57
Ion Ratio Lower Upper
96 100
61 28.3 121.7 182.5#
98 0.0 50.6 76.0#



#22
Diisopropyl ether
Concen: 7.172 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 45 Resp: 220
Ion Ratio Lower Upper
45 100
43 0.0 49.1 73.7#
87 0.0 19.7 29.5#
59 29.7 9.1 13.7#

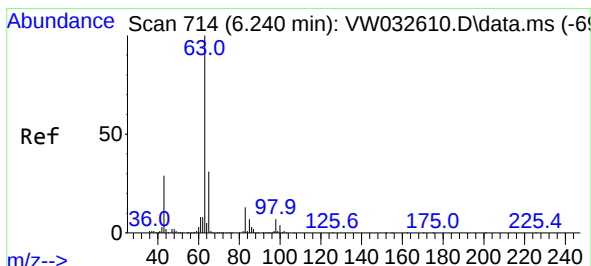
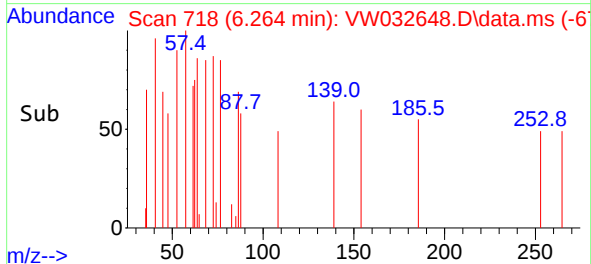
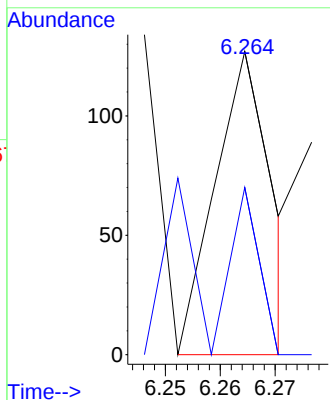
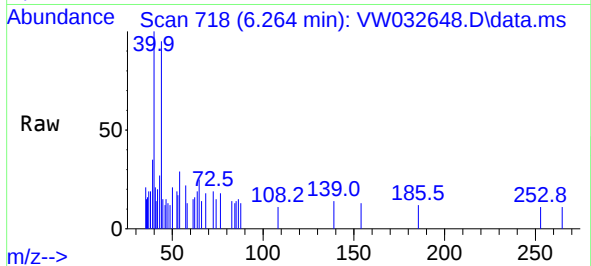




#23
 Vinyl Acetate
 Concen: 4.467 ug/l
 RT: 6.264 min Scan# 718
 Delta R.T. -0.012 min
 Lab File: VW032648.D
 Acq: 16 Dec 2025 09:54

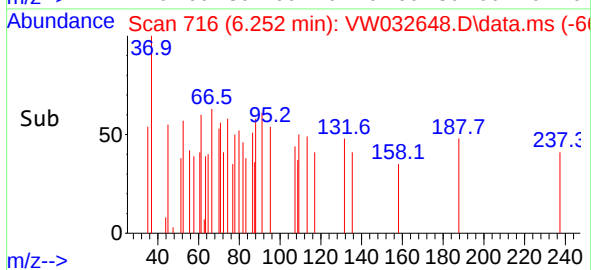
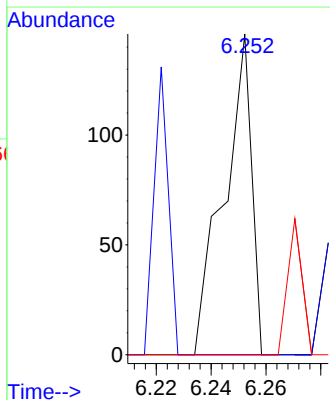
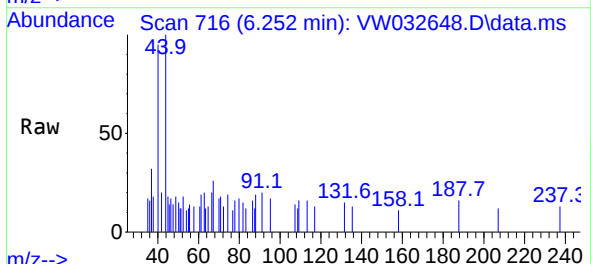
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

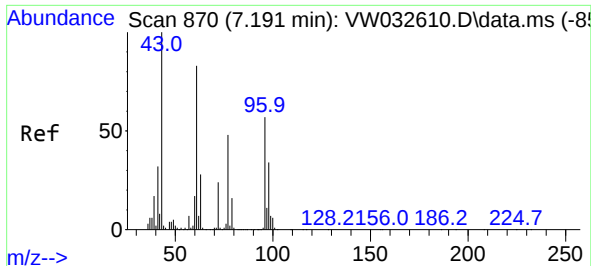
Tgt Ion: 43 Resp: 91
 Ion Ratio Lower Upper
 43 100
 86 55.1 8.0 12.0#



#24
 1,1-Dichloroethane
 Concen: 5.729 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.012 min
 Lab File: VW032648.D
 Acq: 16 Dec 2025 09:54

Tgt Ion: 63 Resp: 102
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 23.211 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

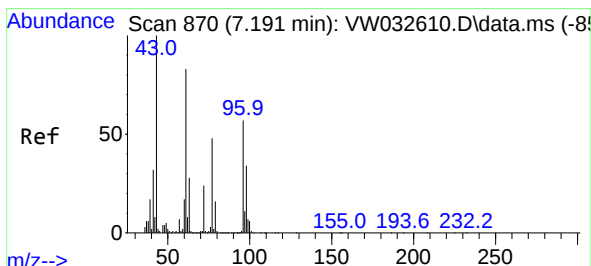
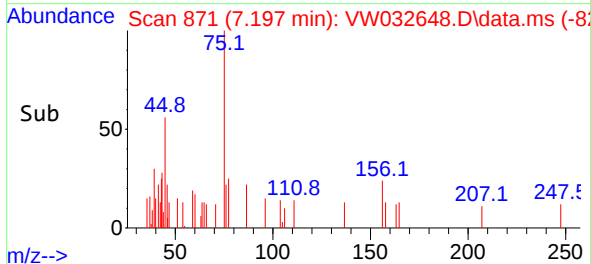
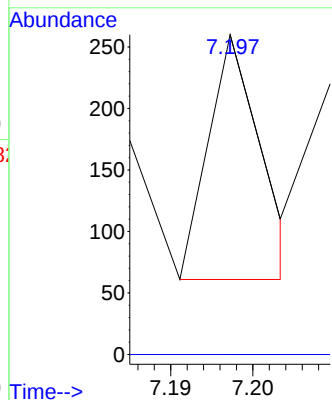
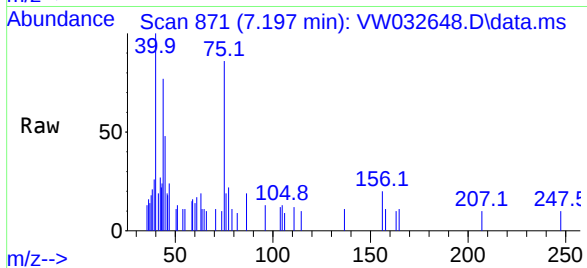
BFB

Tgt Ion: 43 Resp: 91

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#26

2,2-Dichloropropane

Concen: 7.976 ug/l

RT: 7.404 min Scan# 905

Delta R.T. 0.225 min

Lab File: VW032648.D

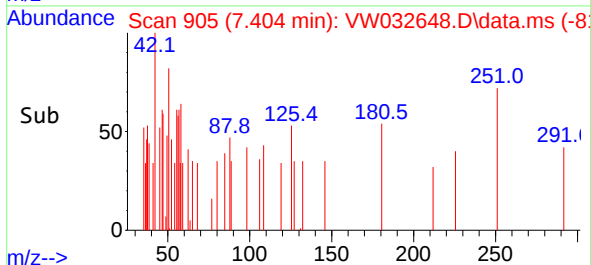
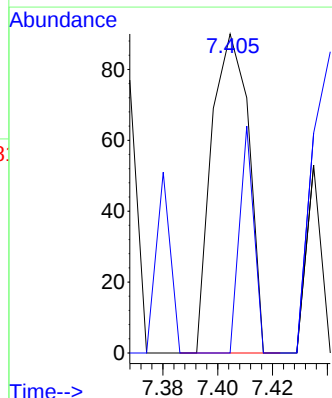
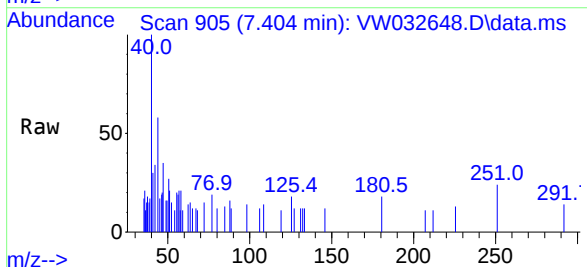
Acq: 16 Dec 2025 09:54

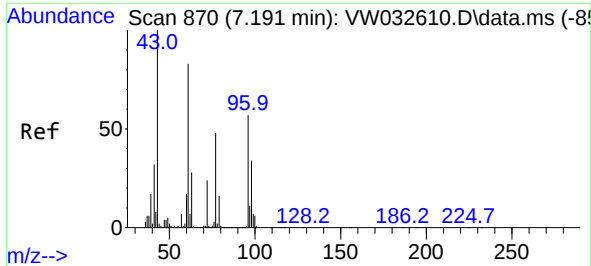
Tgt Ion: 77 Resp: 85

Ion Ratio Lower Upper

77 100

97 27.1 11.3 33.9

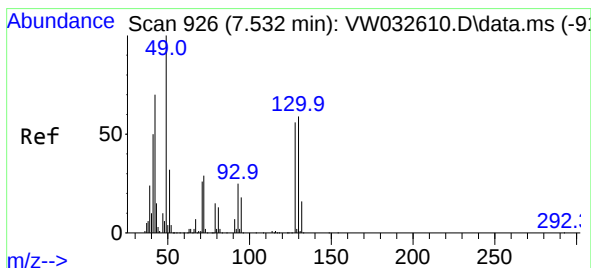
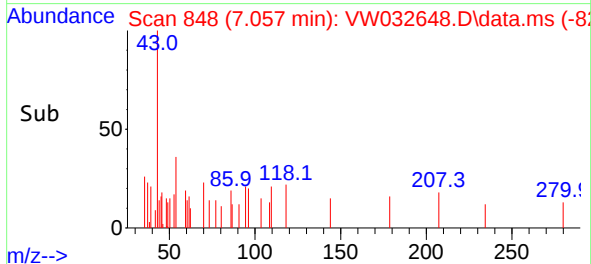
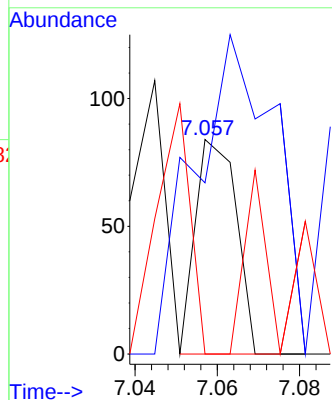
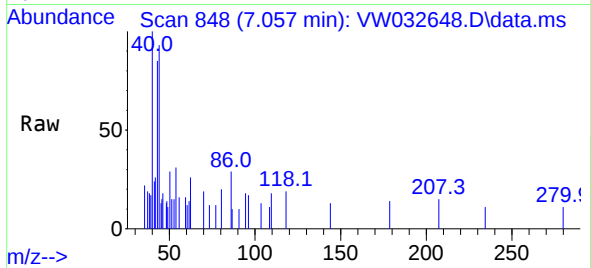




#27
 cis-1,2-Dichloroethene
 Concen: 5.478 ug/l
 RT: 7.057 min Scan# 84
 Delta R.T. -0.128 min
 Lab File: VW032648.D
 Acq: 16 Dec 2025 09:54

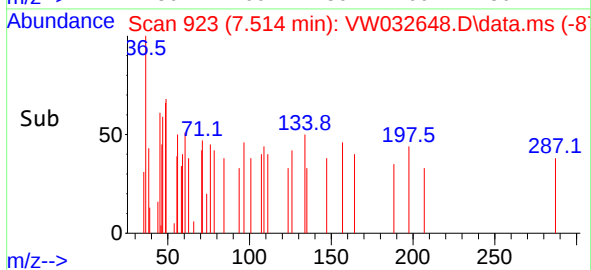
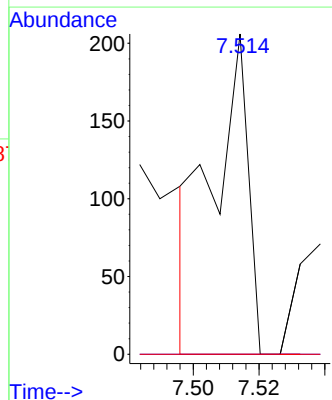
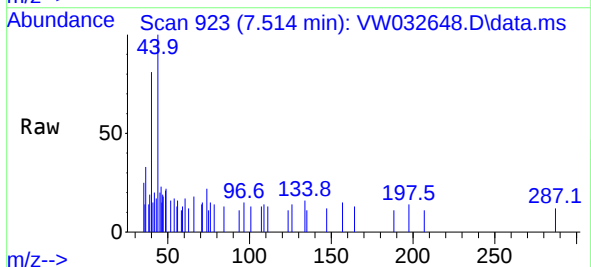
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

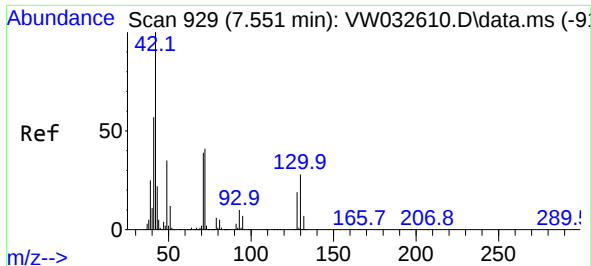
Tgt Ion:	96	Resp:	58
Ion	Ratio	Lower	Upper
96	100		
61	289.7	0.0	295.8
98	77.6	0.0	127.2



#28
 Bromochloromethane
 Concen: 22.710 ug/l
 RT: 7.514 min Scan# 923
 Delta R.T. -0.006 min
 Lab File: VW032648.D
 Acq: 16 Dec 2025 09:54

Tgt Ion:	49	Resp:	153
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	53.3	79.9#





#29

Tetrahydrofuran

Concen: 88.936 ug/l

RT: 7.289 min Scan# 81

Delta R.T. -0.256 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

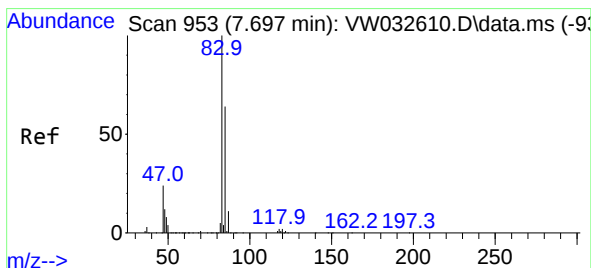
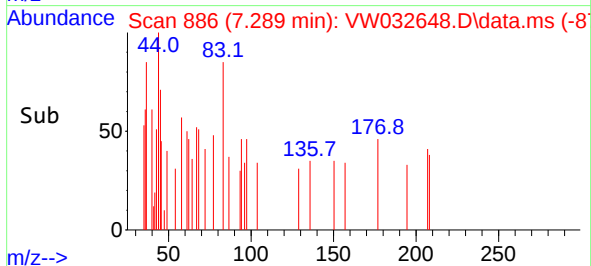
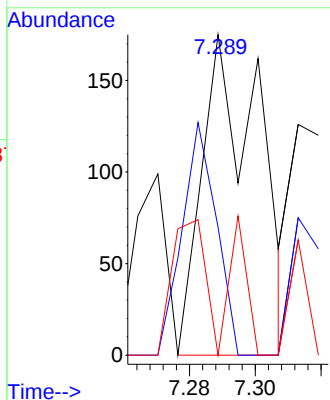
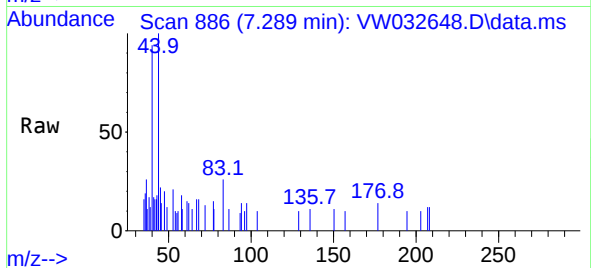
Instrument :

MSVOA_W

ClientSampleId :

BFB

Tgt Ion:	42	Resp:	210
Ion	Ratio	Lower	Upper
42	100		
72	43.3	33.2	49.8
71	38.1	30.7	46.1



#30

Chloroform

Concen: 2.145 ug/l

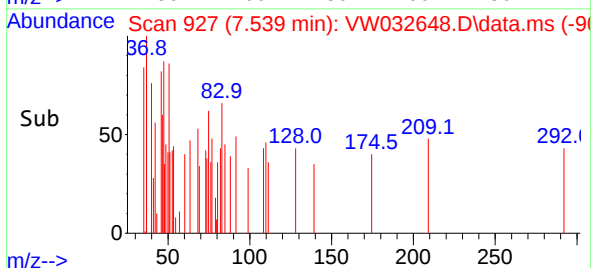
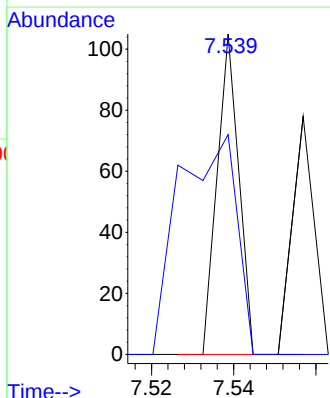
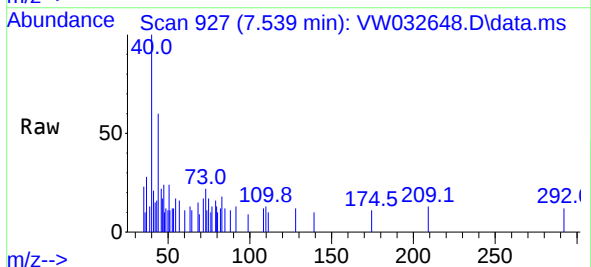
RT: 7.539 min Scan# 927

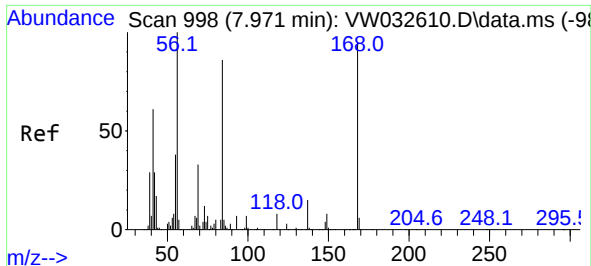
Delta R.T. -0.153 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Tgt Ion:	83	Resp:	38
Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.4	77.2

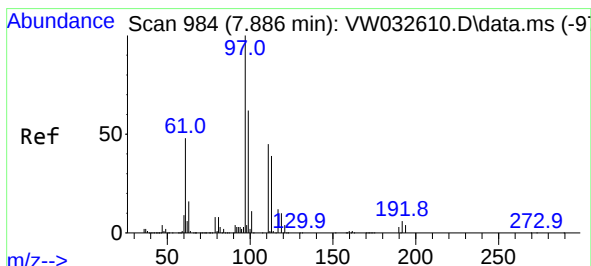
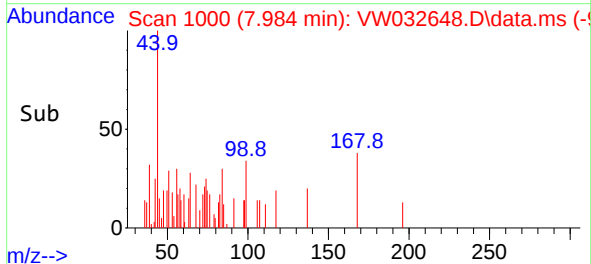
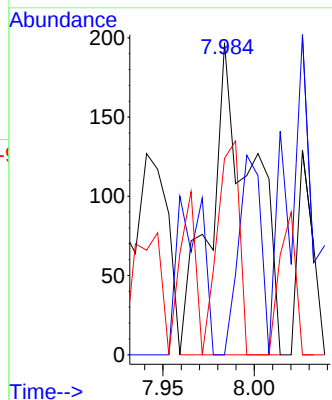
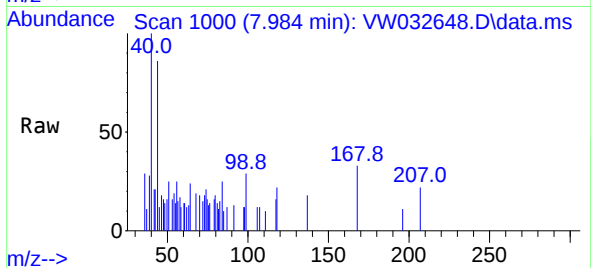




#31
Cyclohexane
Concen: 19.268 ug/l
RT: 7.984 min Scan# 1000
Delta R.T. 0.018 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

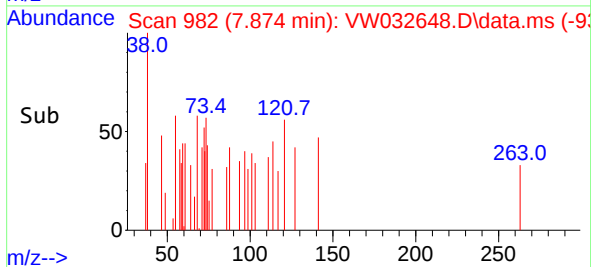
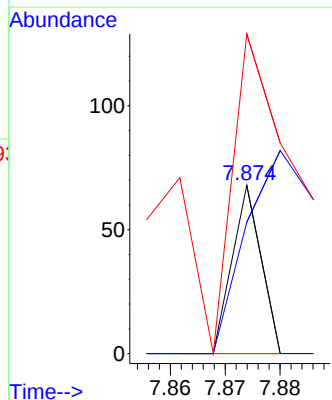
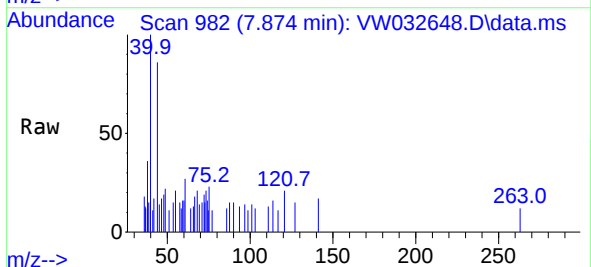
Instrument :
MSVOA_W
ClientSampleId :
BFB

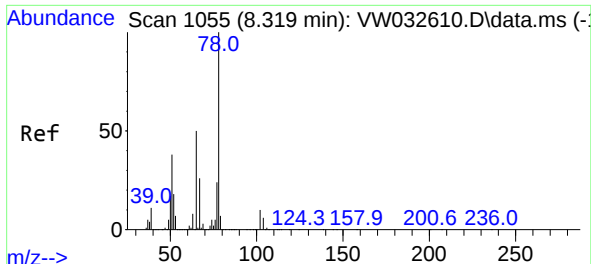
Tgt Ion: 56 Resp: 318
Ion Ratio Lower Upper
56 100
69 0.0 26.2 39.2#
84 31.0 68.9 103.3#



#32
1,1,1-Trichloroethane
Concen: 1.853 ug/l
RT: 7.874 min Scan# 982
Delta R.T. -0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 97 Resp: 25
Ion Ratio Lower Upper
97 100
99 288.0 50.8 76.2#
61 588.0 37.8 56.8#





#33

1,2-Dichloroethane-d4

Concen: 64.830 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

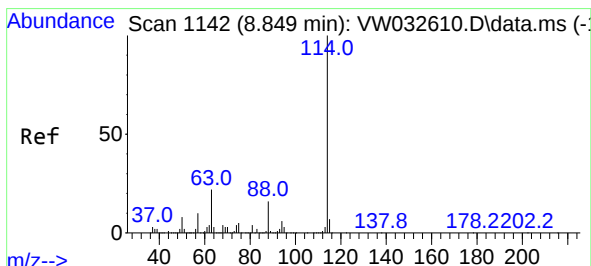
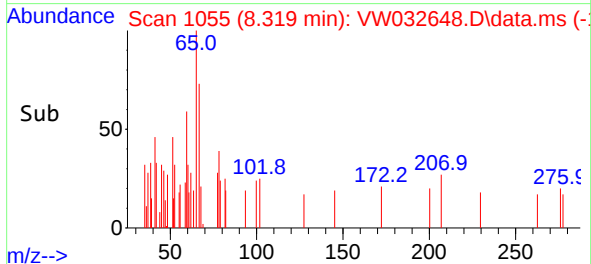
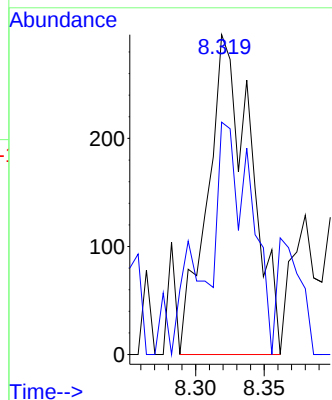
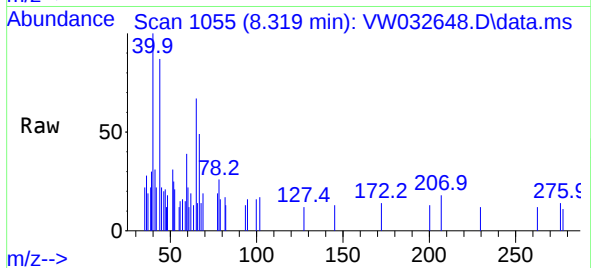
BFB

Tgt Ion: 65 Resp: 651

Ion Ratio Lower Upper

65 100

67 56.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

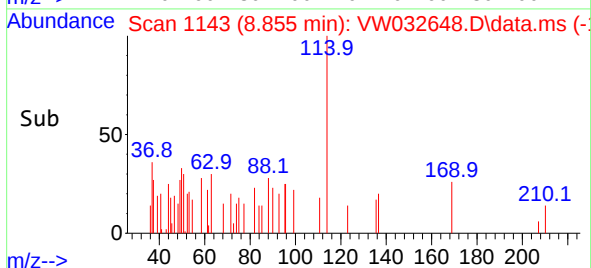
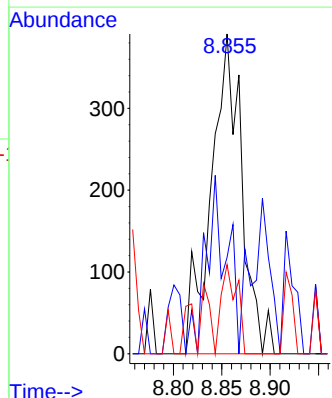
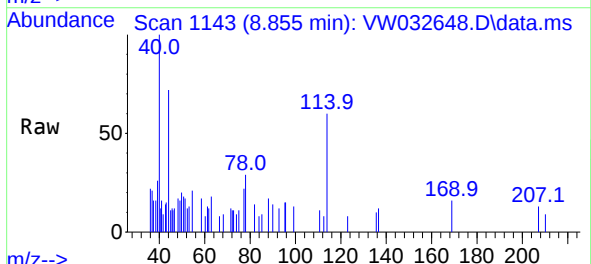
Tgt Ion: 114 Resp: 858

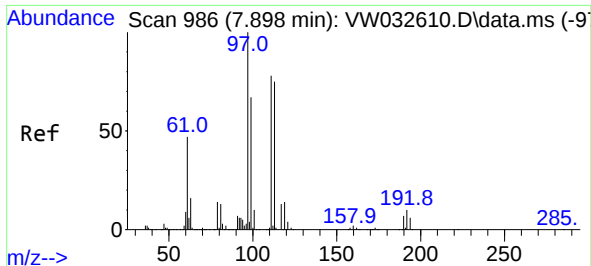
Ion Ratio Lower Upper

114 100

63 30.2 0.0 44.6

88 27.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 121.600 ug/l

RT: 7.917 min Scan# 91

Delta R.T. 0.024 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

BFB

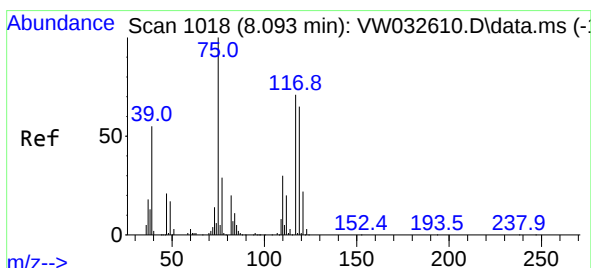
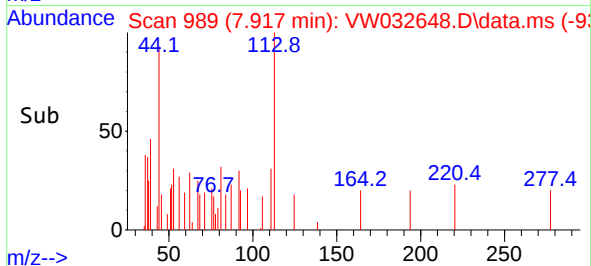
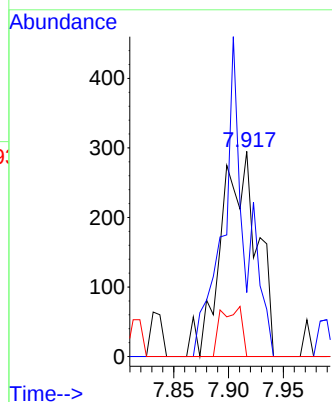
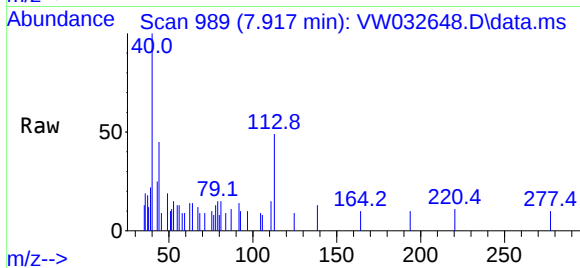
Tgt Ion:113 Resp: 678

Ion Ratio Lower Upper

113 100

111 95.4 85.2 127.8

192 13.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 2.200 ug/l

RT: 8.106 min Scan# 1020

Delta R.T. 0.012 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

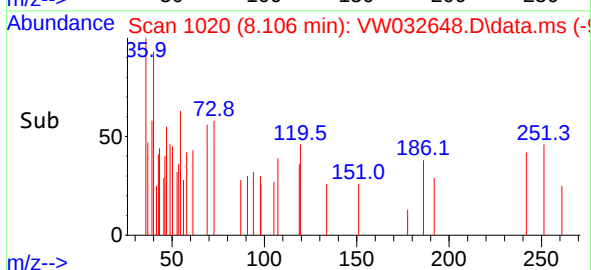
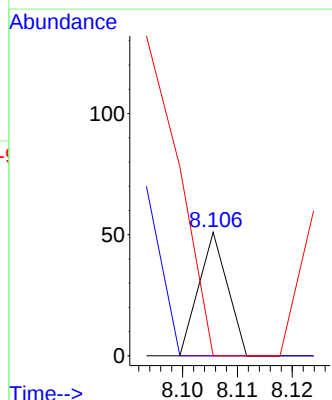
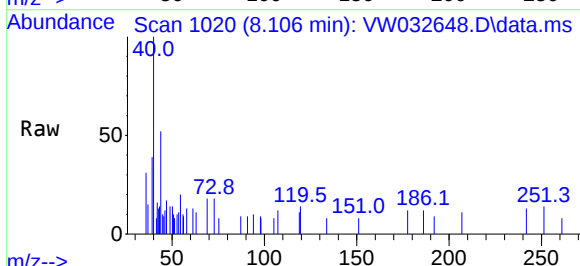
Tgt Ion: 75 Resp: 19

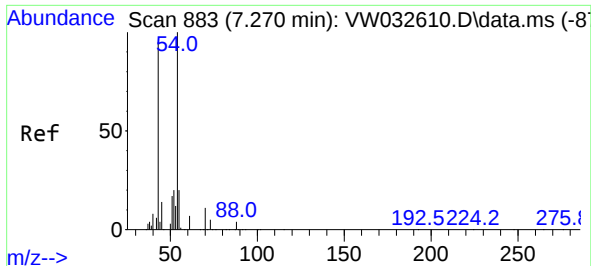
Ion Ratio Lower Upper

75 100

110 552.6 16.3 48.9#

77 594.7 24.6 37.0#

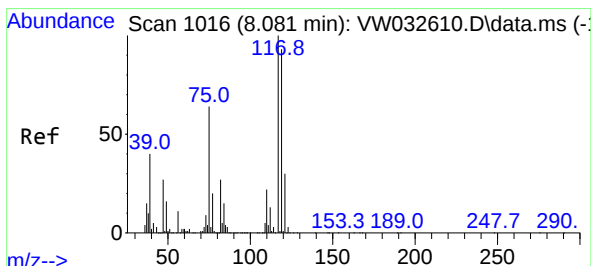
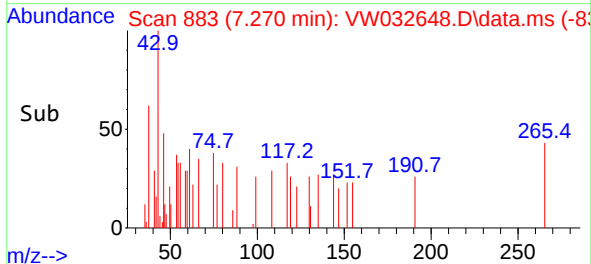
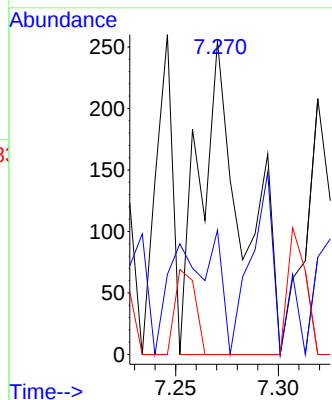
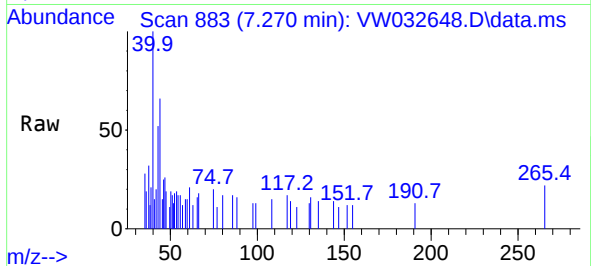




#37
Ethyl Acetate
Concen: 65.570 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

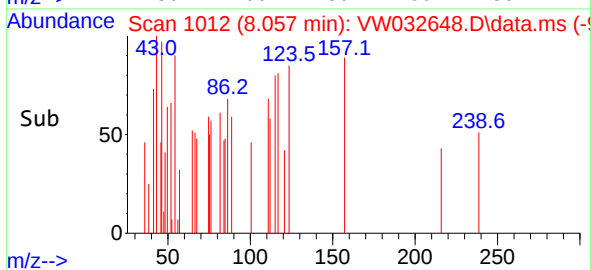
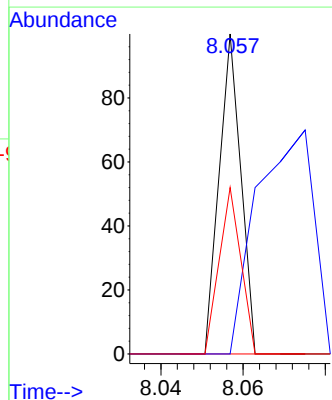
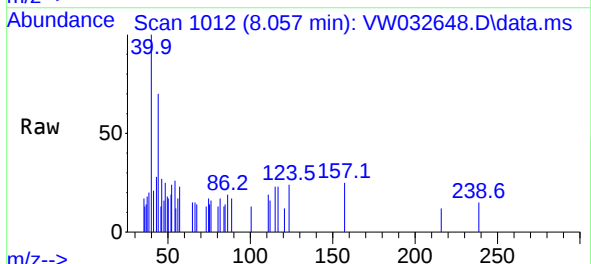
Instrument :
MSVOA_W
ClientSampleId :
BFB

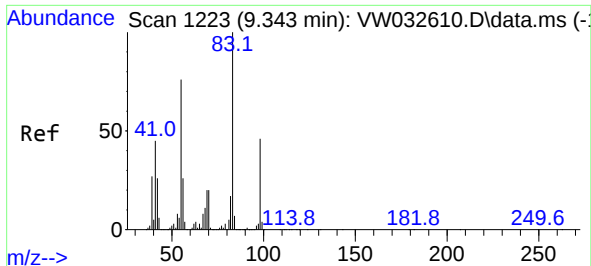
Tgt Ion:	43	Resp:	376
Ion	Ratio	Lower	Upper
43	100		
61	37.5	10.3	15.5#
70	0.0	7.7	11.5#



#38
Carbon Tetrachloride
Concen: 4.527 ug/l
RT: 8.057 min Scan# 1012
Delta R.T. -0.018 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:	117	Resp:	37
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.3	111.5#
121	52.0	23.6	35.4#

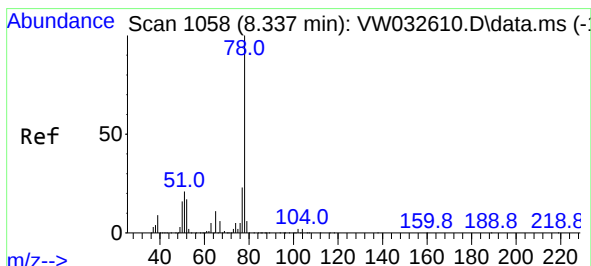
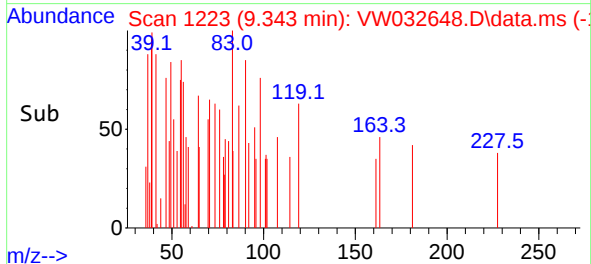
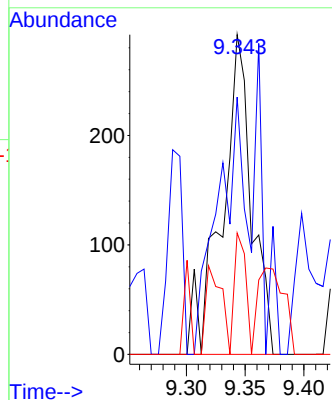
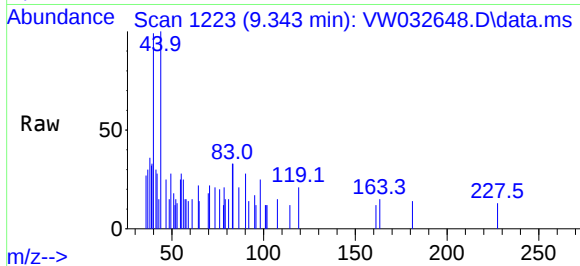




#39
Methylcyclohexane
Concen: 47.534 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

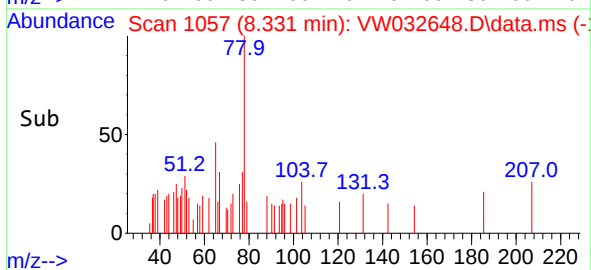
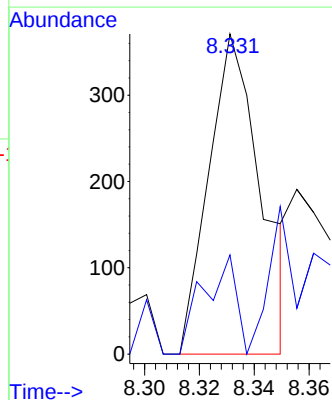
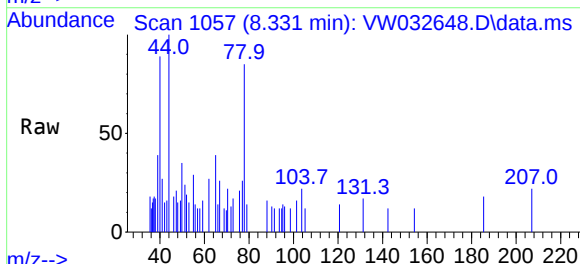
Instrument :
MSVOA_W
ClientSampleId :
BFB

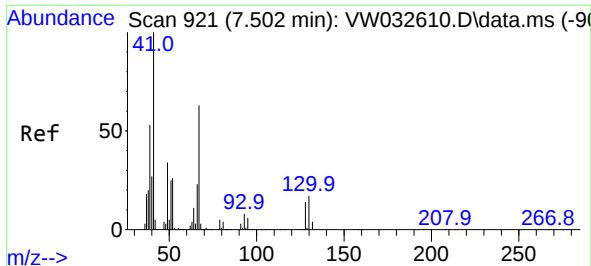
Tgt Ion:	83	Resp:	514
Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.2	91.8
98	38.0	37.0	55.4



#40
Benzene
Concen: 18.931 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:	78	Resp:	491
Ion	Ratio	Lower	Upper
78	100		
77	31.0	18.6	28.0#

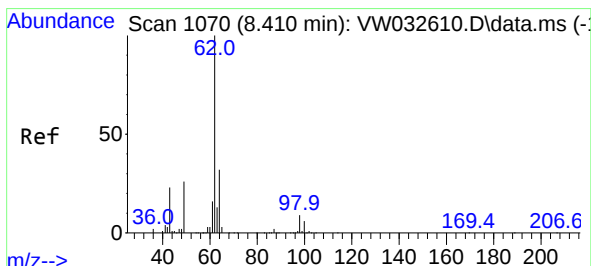
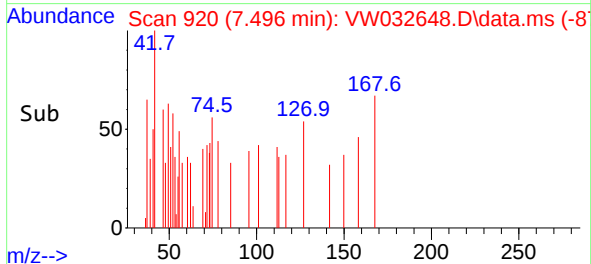
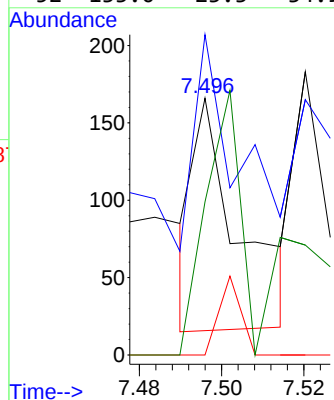
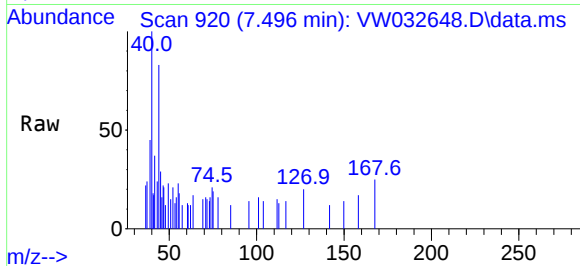




#41
Methacrylonitrile
Concen: 36.177 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

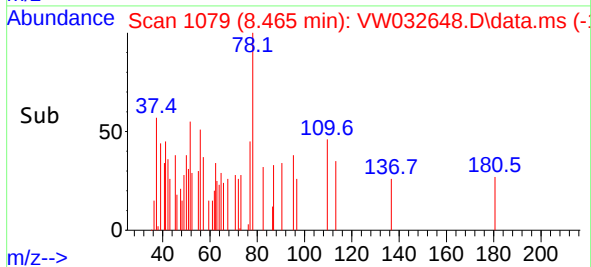
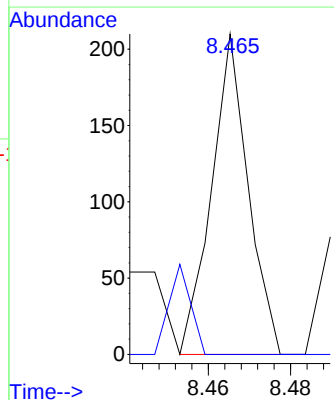
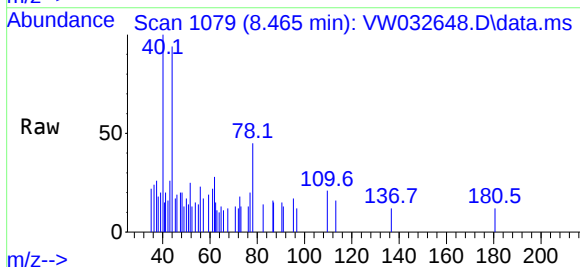
Instrument :
MSVOA_W
ClientSampleId :
BFB

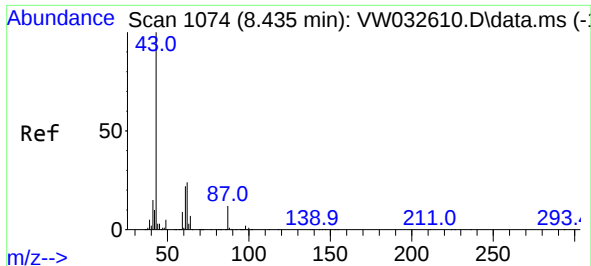
Tgt Ion:	41	Resp:	115
Ion	Ratio	Lower	Upper
41	100		
39	86.1	47.3	70.9#
67	16.5	55.9	83.9#
52	133.0	23.3	34.9#



#42
1,2-Dichloroethane
Concen: 15.840 ug/l
RT: 8.465 min Scan# 1079
Delta R.T. 0.055 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:	62	Resp:	130
Ion	Ratio	Lower	Upper
62	100		
98	16.9	0.0	18.8

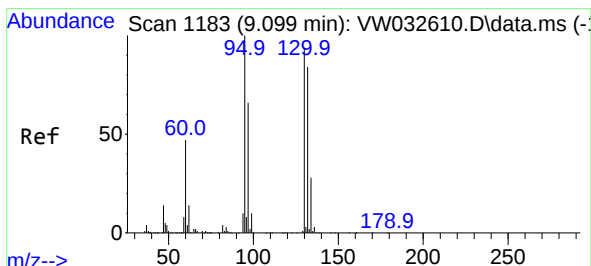
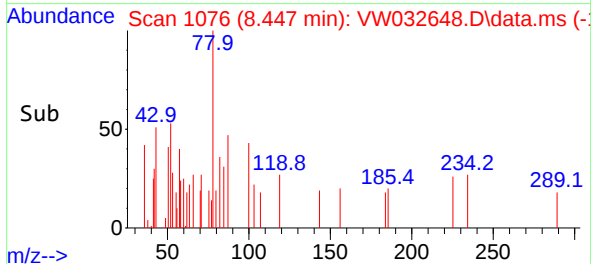
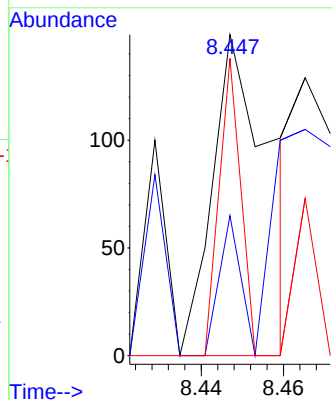
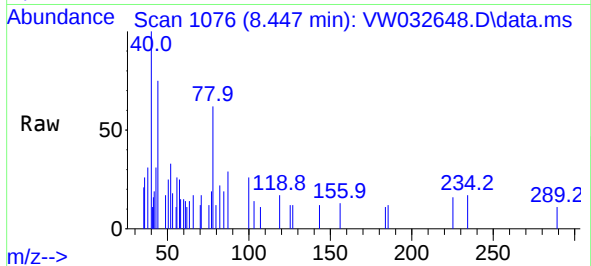




#43
Isopropyl Acetate
Concen: 14.525 ug/l
RT: 8.447 min Scan# 1074
Delta R.T. 0.018 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

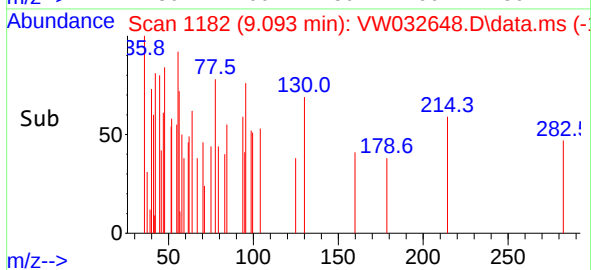
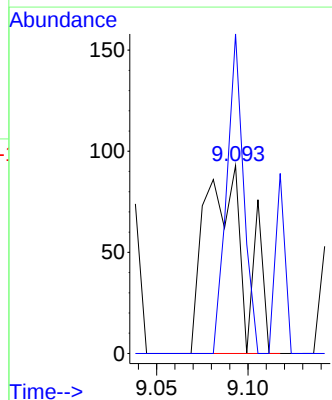
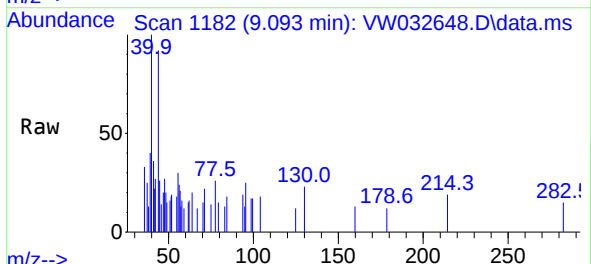
Instrument :
MSVOA_W
ClientSampleId :
BFB

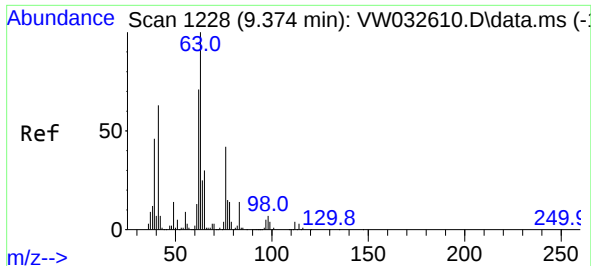
Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
61 21.4 22.7 34.1#
87 34.5 9.6 14.4#



#44
Trichloroethene
Concen: 23.838 ug/l
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:130 Resp: 143
Ion Ratio Lower Upper
130 100
95 169.9 0.0 215.6





#45

1,2-Dichloropropane

Concen: 4.233 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.012 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

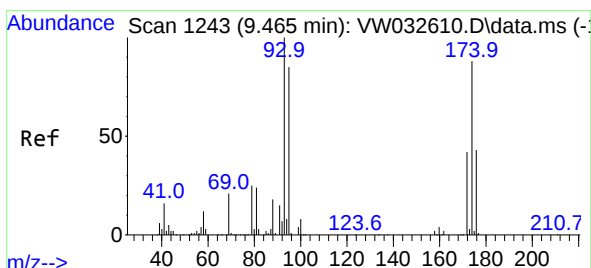
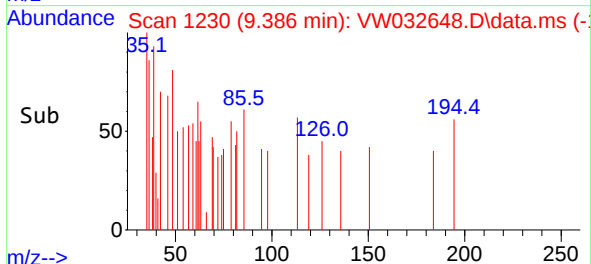
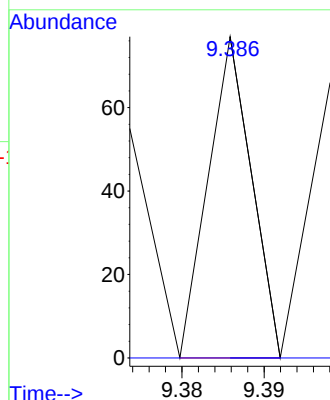
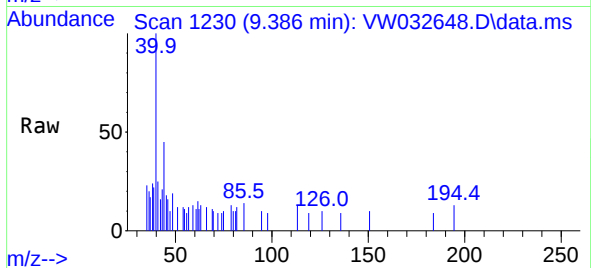
BFB

Tgt Ion: 63 Resp: 28

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#



#46

Dibromomethane

Concen: 30.484 ug/l

RT: 9.477 min Scan# 1245

Delta R.T. 0.012 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

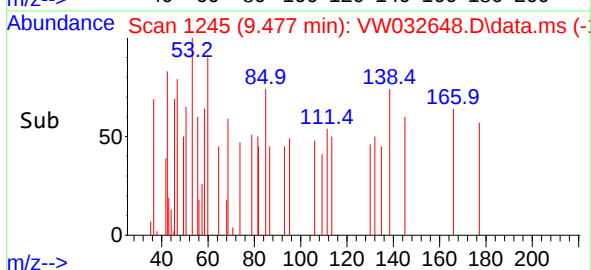
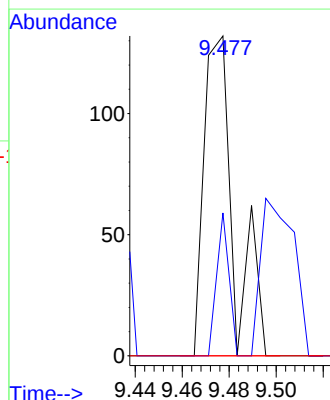
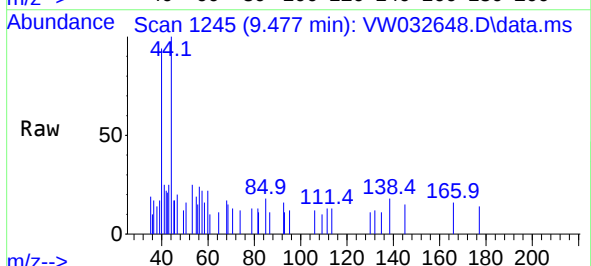
Tgt Ion: 93 Resp: 116

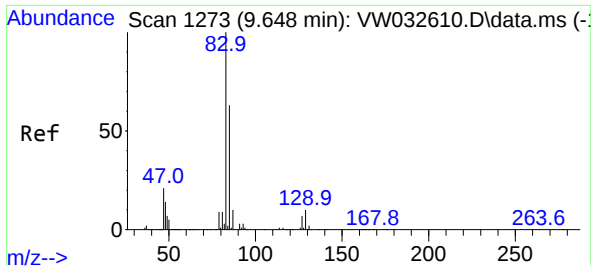
Ion Ratio Lower Upper

93 100

95 19.0 67.0 100.4#

174 0.0 67.6 101.4#

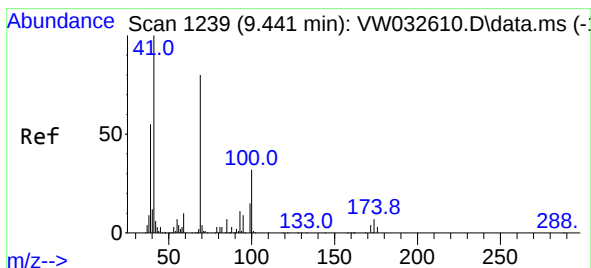
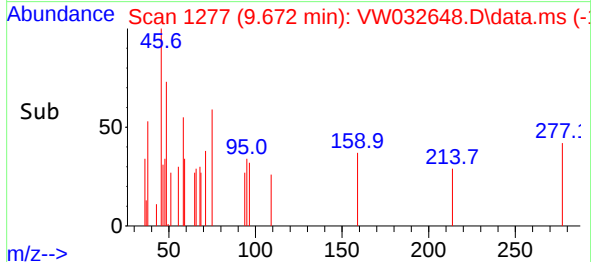
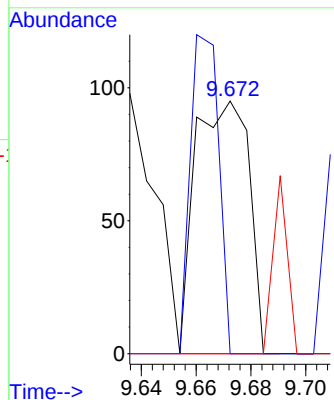
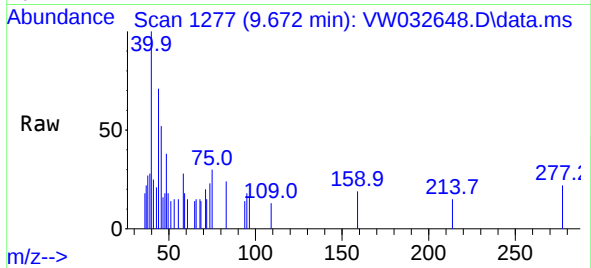




#47
Bromodichloromethane
Concen: 14.384 ug/l
RT: 9.672 min Scan# 11
Delta R.T. 0.024 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

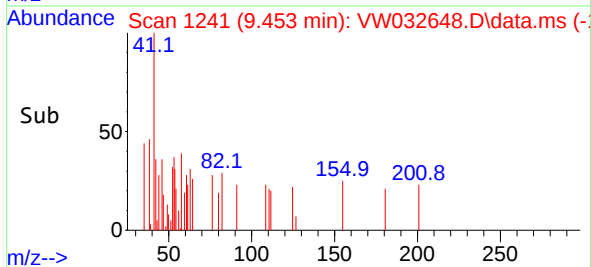
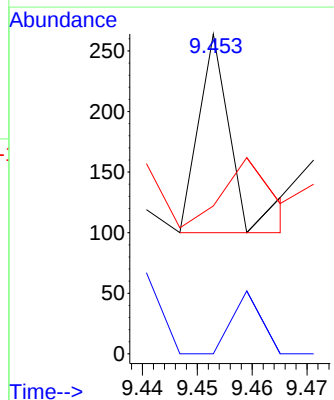
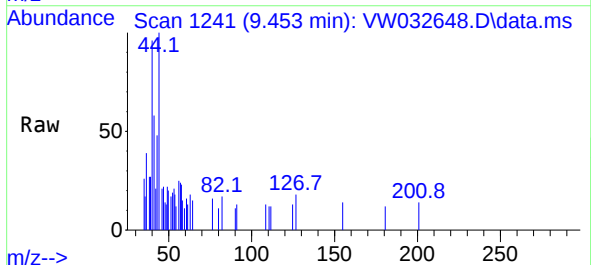
Instrument :
MSVOA_W
ClientSampleId :
BFB

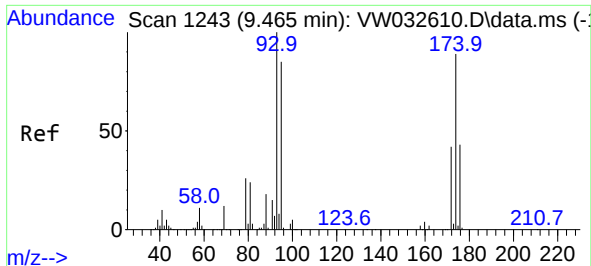
Tgt Ion: 83 Resp: 129
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#
127 0.0 6.0 9.0#



#48
Methyl methacrylate
Concen: 14.773 ug/l
RT: 9.453 min Scan# 1241
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 41 Resp: 71
Ion Ratio Lower Upper
41 100
69 26.8 67.9 101.9#
39 109.9 43.8 65.8#

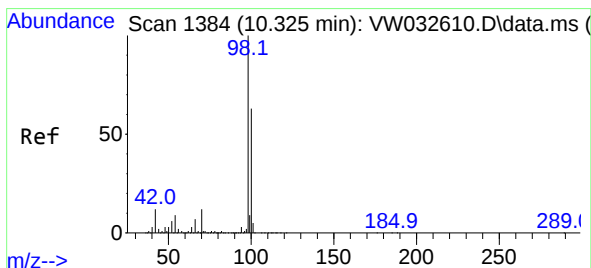
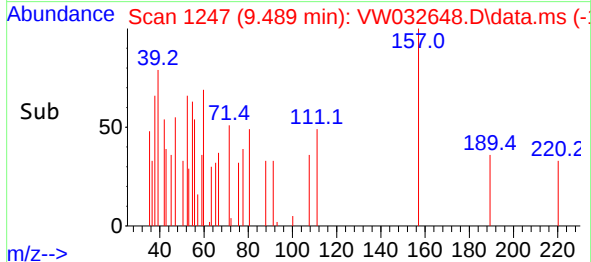
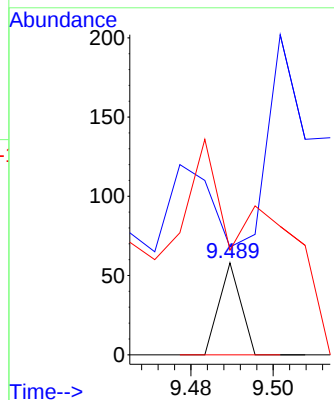
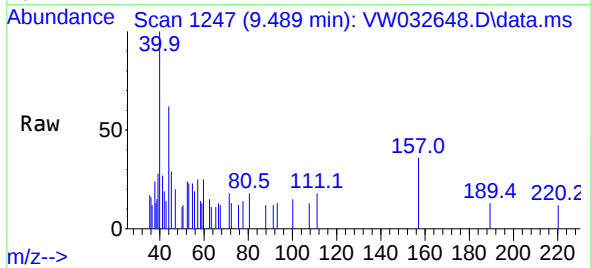




#49
1,4-Dioxane
Concen: 434.961 ug/l
RT: 9.489 min Scan# 11
Delta R.T. 0.030 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

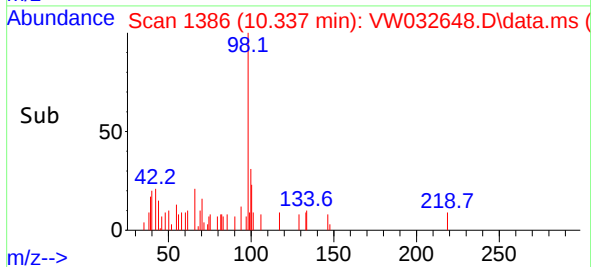
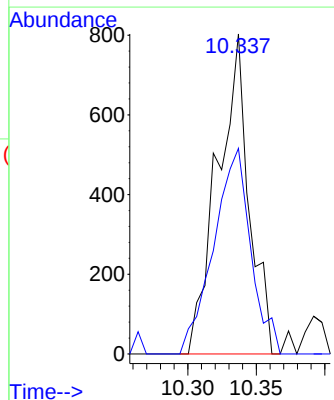
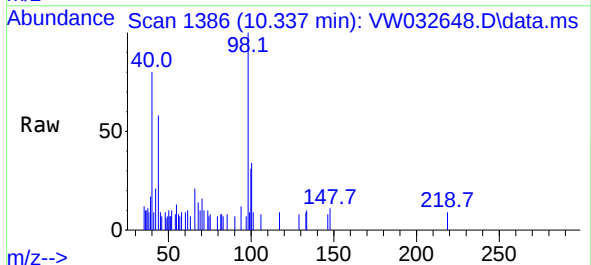
Instrument :
MSVOA_W
ClientSampleId :
BFB

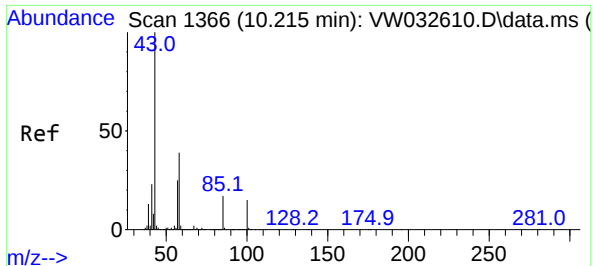
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 519.0 0.0 0.0#
58 1142.9 63.8 95.8#



#50
Toluene-d8
Concen: 60.970 ug/l
RT: 10.337 min Scan# 1386
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 98 Resp: 1281
Ion Ratio Lower Upper
98 100
100 76.0 52.2 78.2

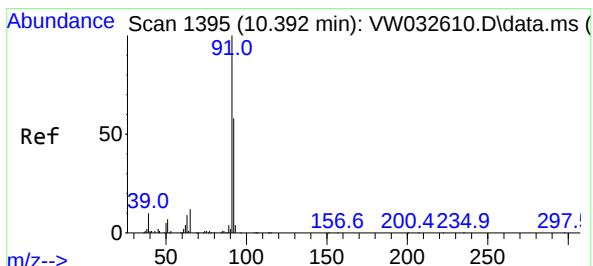
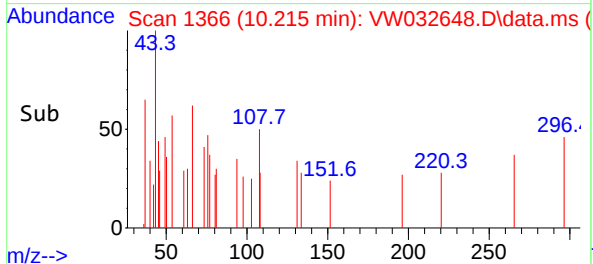
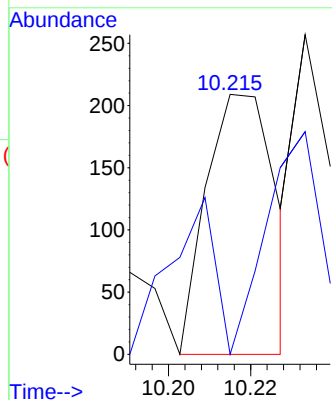
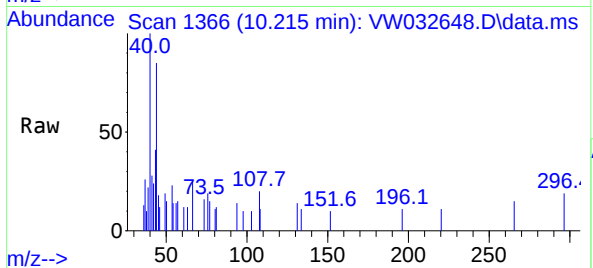




#51
4-Methyl-2-Pentanone
Concen: 43.518 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

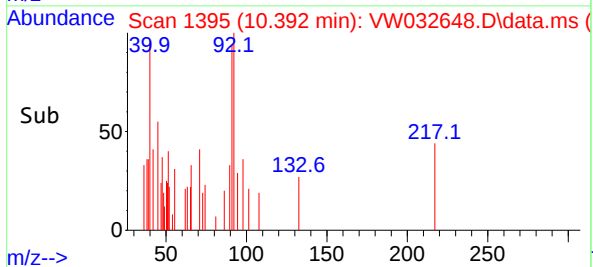
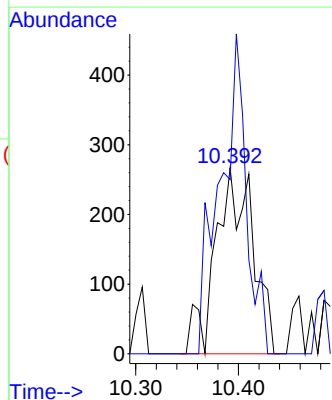
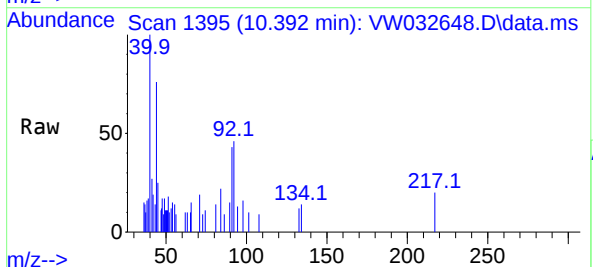
Instrument :
MSVOA_W
ClientSampleId :
BFB

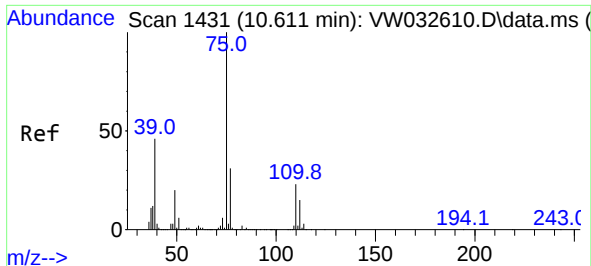
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 40.2 30.6 45.8



#52
Toluene
Concen: 42.389 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 92 Resp: 677
Ion Ratio Lower Upper
92 100
91 121.6 137.6 206.4#

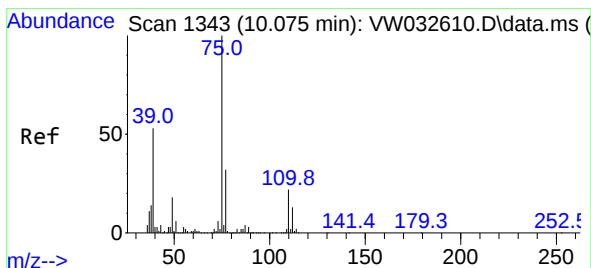
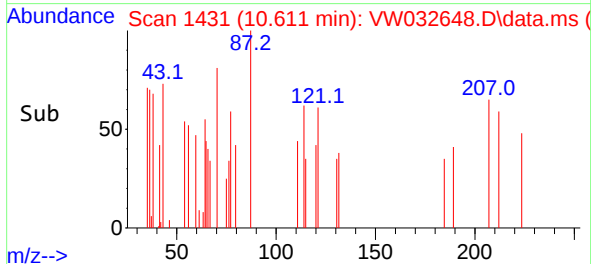
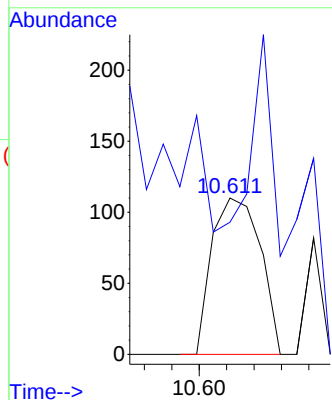
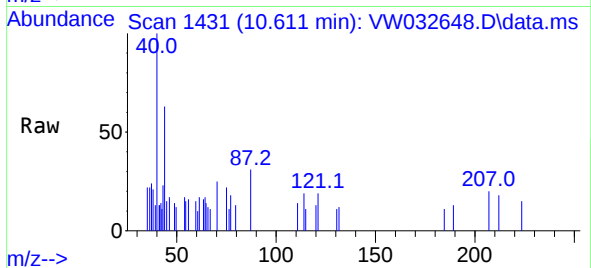




#53
t-1,3-Dichloropropene
Concen: 15.471 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

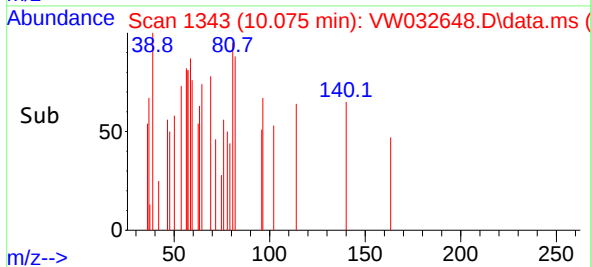
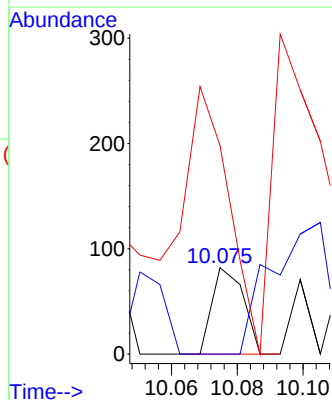
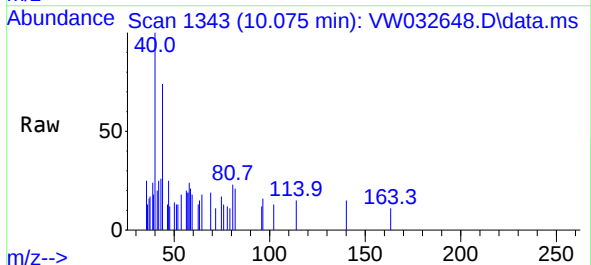
Instrument :
MSVOA_W
ClientSampleId :
BFB

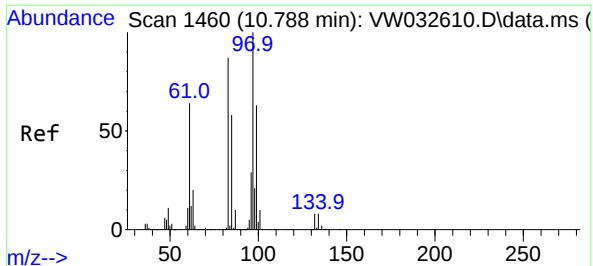
Tgt Ion: 75 Resp: 135
Ion Ratio Lower Upper
75 100
77 21.8 24.6 36.8#



#54
cis-1,3-Dichloropropene
Concen: 5.321 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
39 100.0 42.5 63.7#

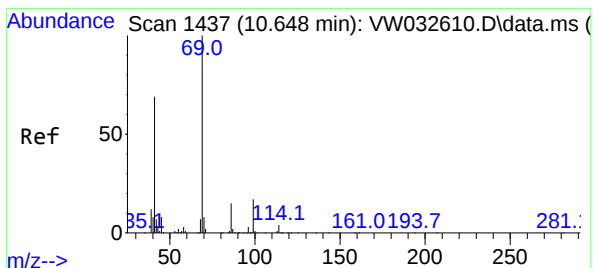
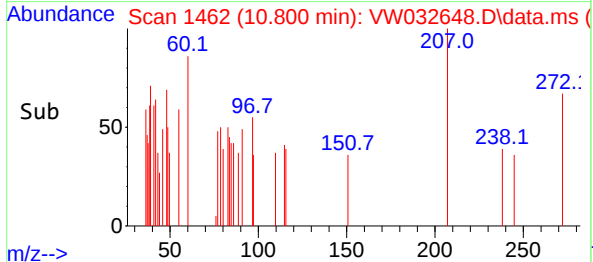
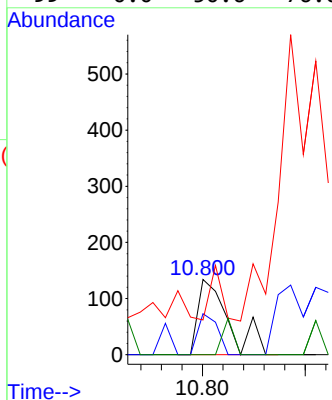
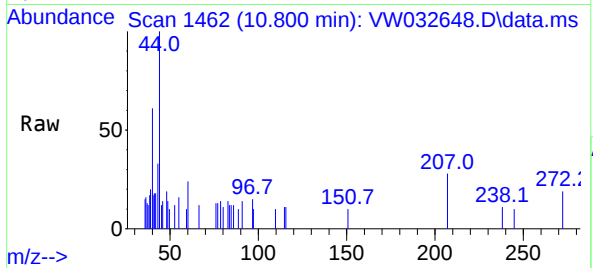




#55
1,1,2-Trichloroethane
Concen: 26.749 ug/l
RT: 10.800 min Scan# 1460
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

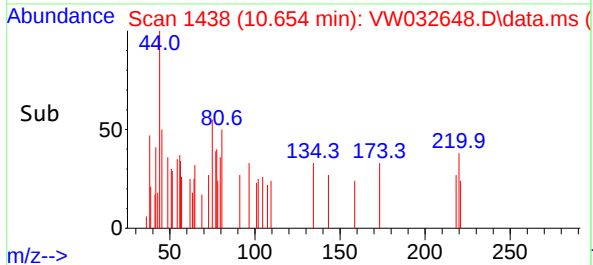
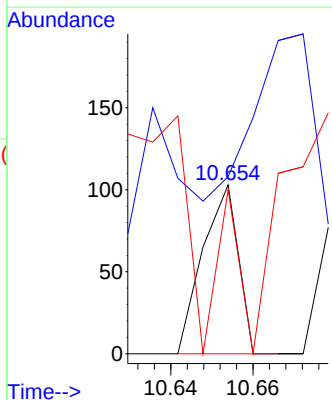
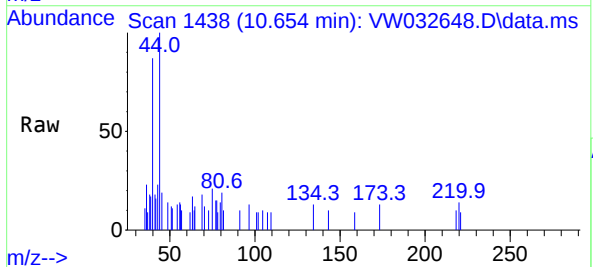
Instrument :
MSVOA_W
ClientSampleId :
BFB

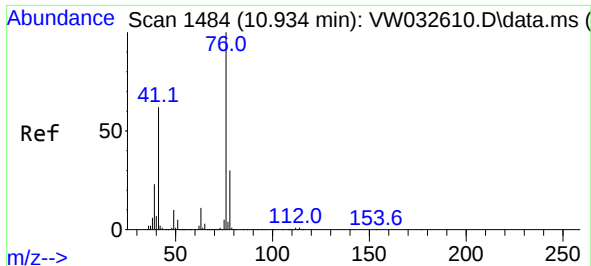
Tgt Ion:	97	Resp:	138
Ion	Ratio	Lower	Upper
97	100		
83	103.7	69.3	103.9
85	0.0	46.1	69.1#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 8.514 ug/l
RT: 10.654 min Scan# 1438
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:	69	Resp:	61
Ion	Ratio	Lower	Upper
69	100		
41	0.0	57.0	85.6#
39	0.0	27.2	40.8#

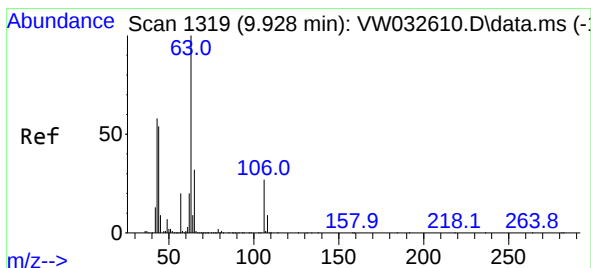
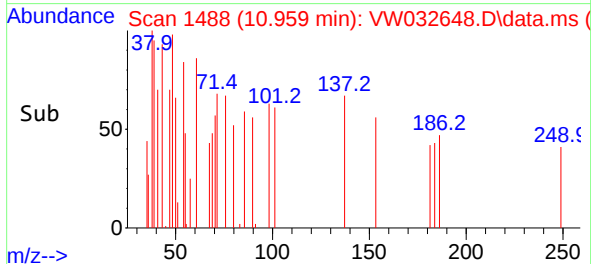
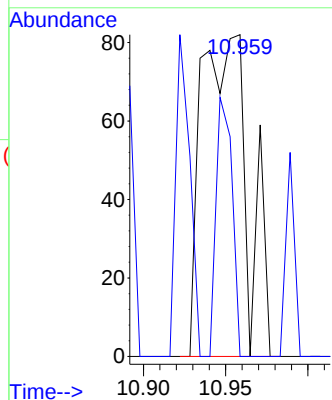
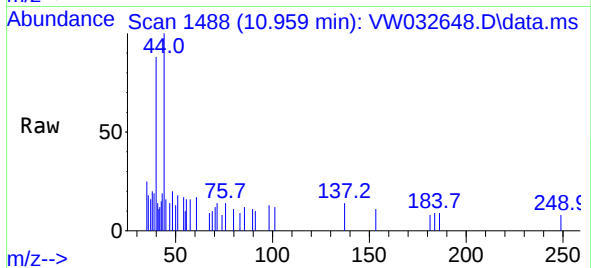




#57
1,3-Dichloropropane
Concen: 17.726 ug/l
RT: 10.959 min Scan# 1488
Delta R.T. 0.024 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

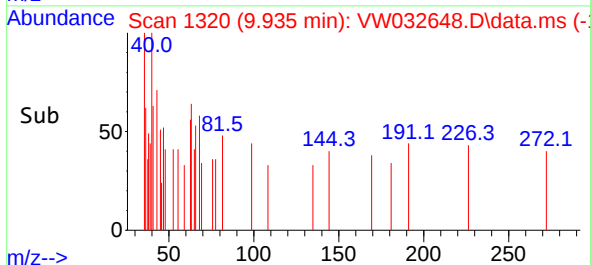
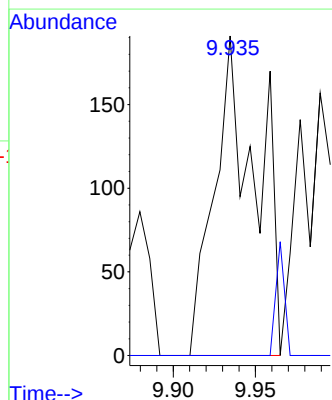
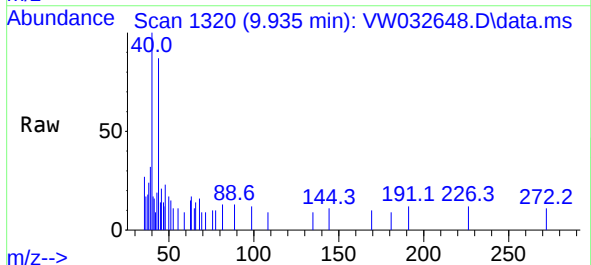
Instrument :
MSVOA_W
ClientSampleId :
BFB

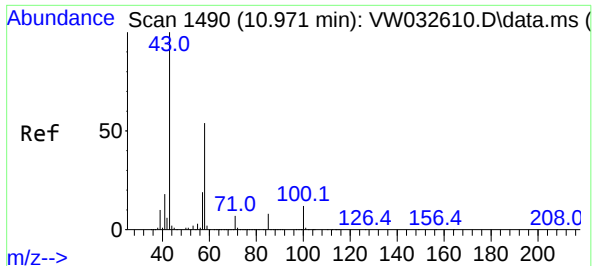
Tgt Ion: 76 Resp: 162
Ion Ratio Lower Upper
76 100
78 27.8 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 101.689 ug/l
RT: 9.935 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 63 Resp: 334
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#

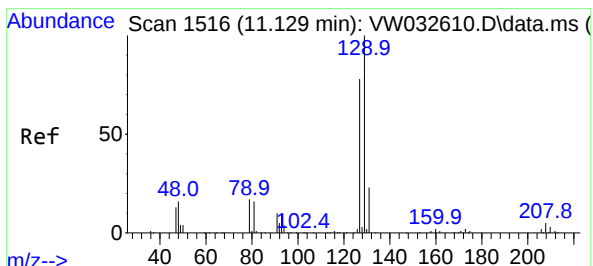
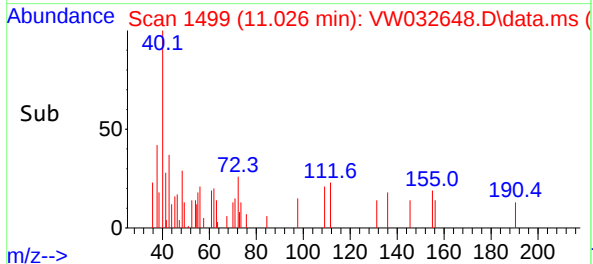
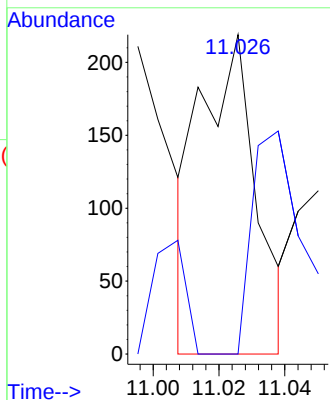
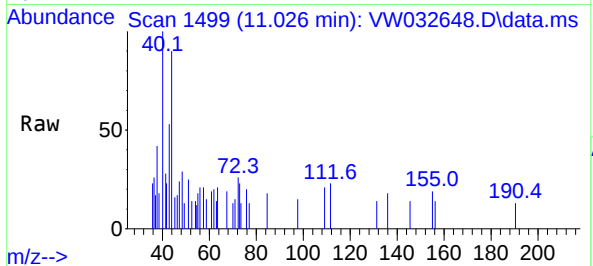




#59
2-Hexanone
Concen: 64.123 ug/l
RT: 11.026 min Scan# 1499
Delta R.T. 0.061 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

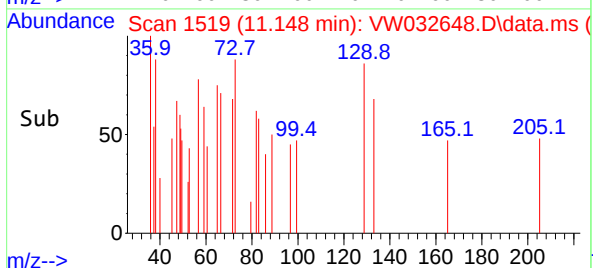
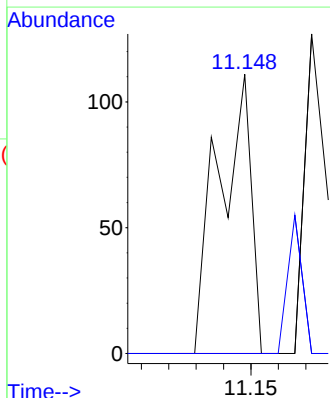
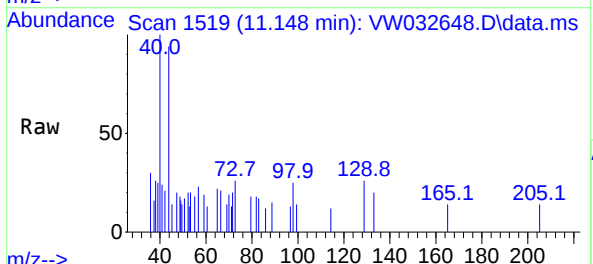
Instrument :
MSVOA_W
ClientSampleId :
BFB

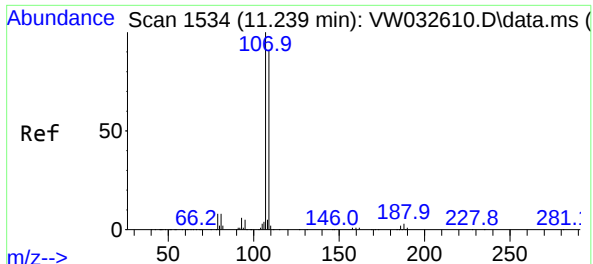
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 61.0 26.3 78.9



#60
Dibromochloromethane
Concen: 16.093 ug/l
RT: 11.148 min Scan# 1519
Delta R.T. 0.018 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 129 Resp: 92
Ion Ratio Lower Upper
129 100
127 0.0 37.2 111.6#

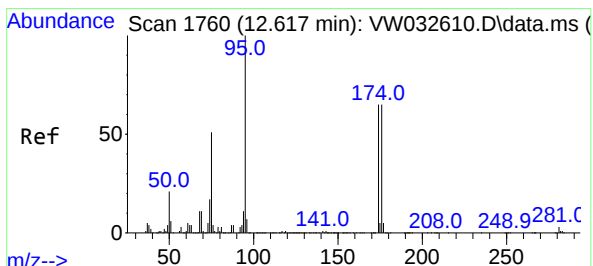
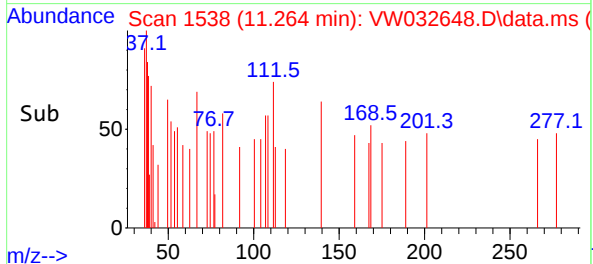
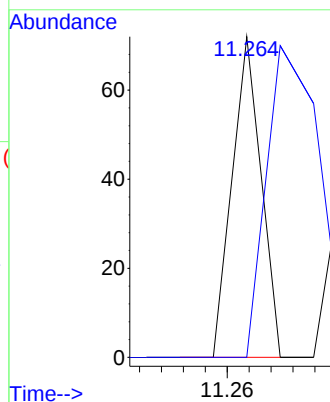
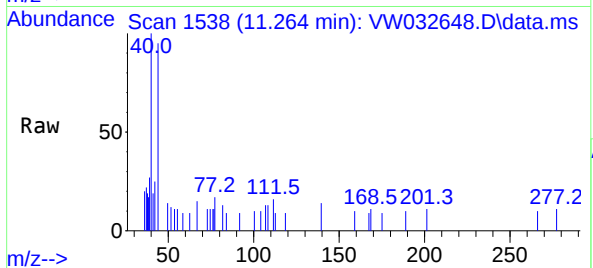




#61
1,2-Dibromoethane
Concen: 5.287 ug/l
RT: 11.264 min Scan# 11
Delta R.T. 0.024 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

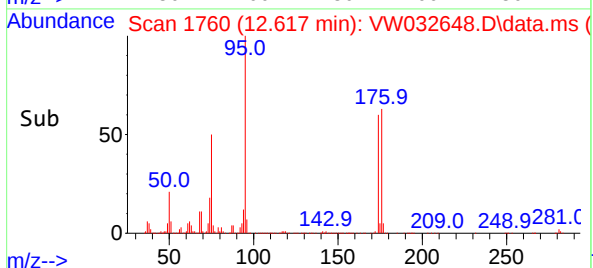
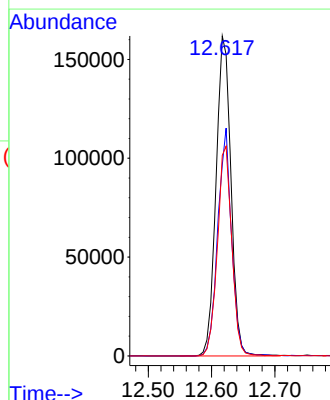
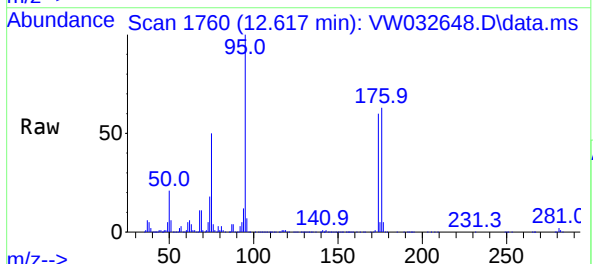
Instrument :
MSVOA_W
ClientSampleId :
BFB

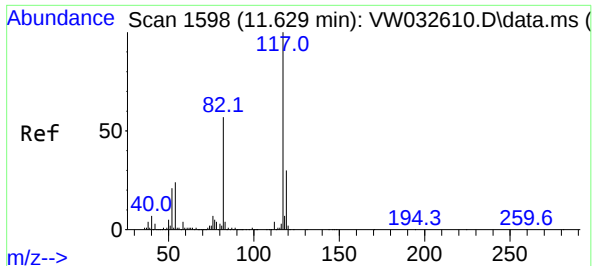
Tgt Ion:107 Resp: 26
Ion Ratio Lower Upper
107 100
109 176.9 73.0 109.4#



#62
4-Bromofluorobenzene
Concen: 34181.339 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 95 Resp: 264144
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.0
176 63.3 0.0 123.4

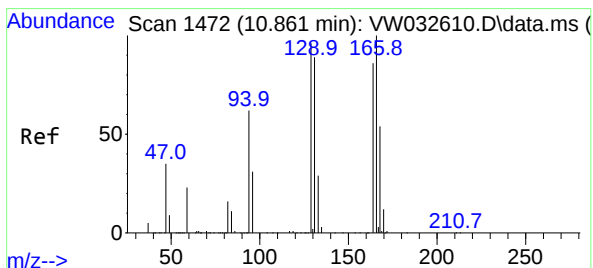
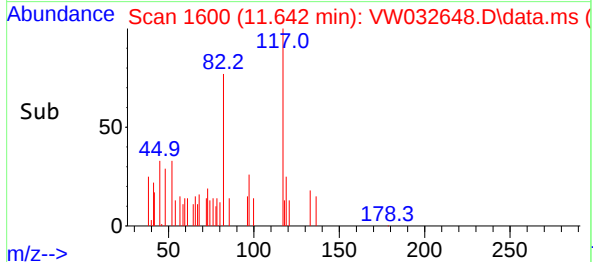
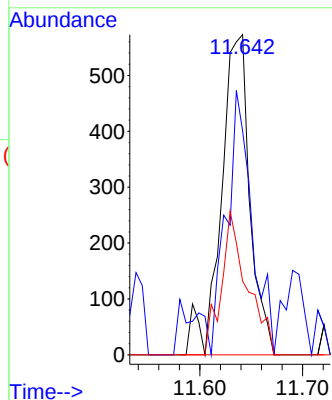
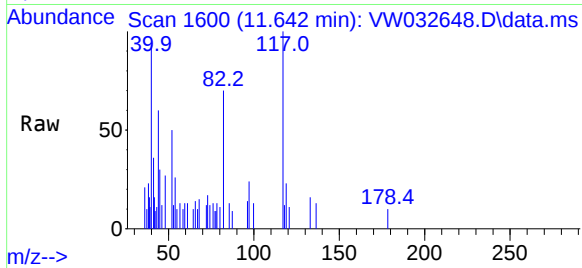




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.642 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

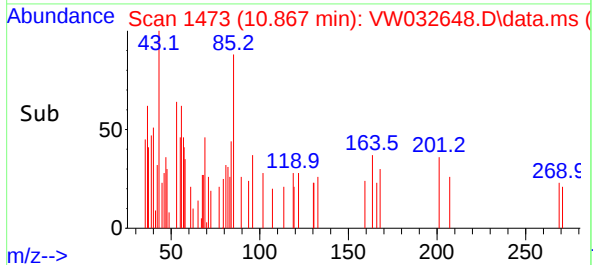
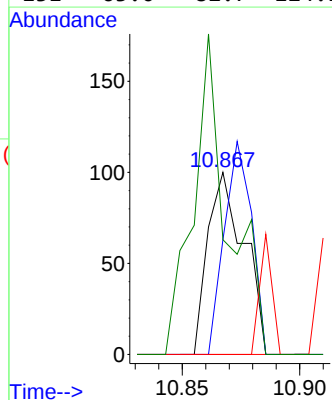
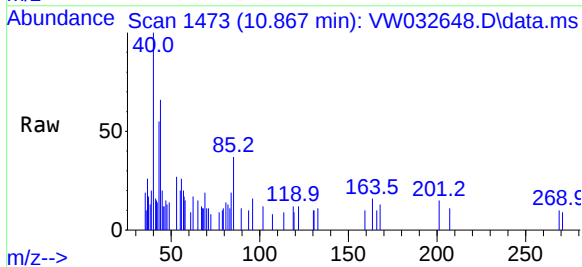
Instrument :
MSVOA_W
ClientSampleId :
BFB

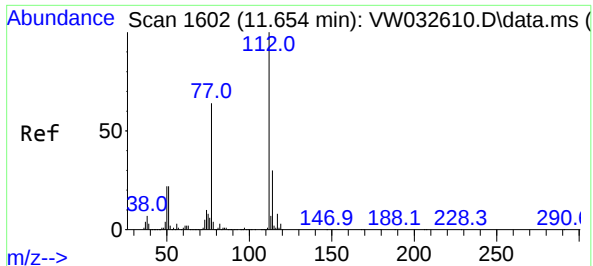
Tgt Ion:117	Resp:	1114
Ion	Ratio	Lower Upper
117	100	
82	53.1	45.5 68.3
119	23.0	23.8 35.8#



#64
Tetrachloroethene
Concen: 15.056 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:164	Resp:	107
Ion	Ratio	Lower Upper
164	100	
166	63.0	93.0 139.6#
129	0.0	89.2 133.8#
131	63.0	82.7 124.1#

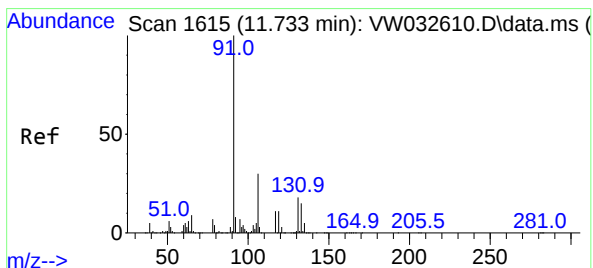
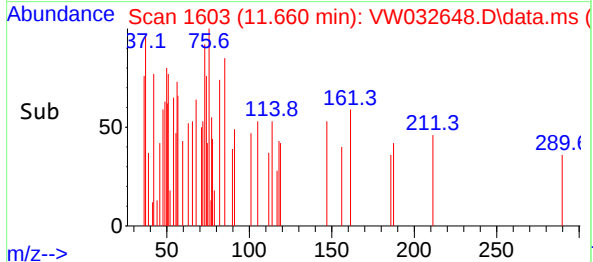
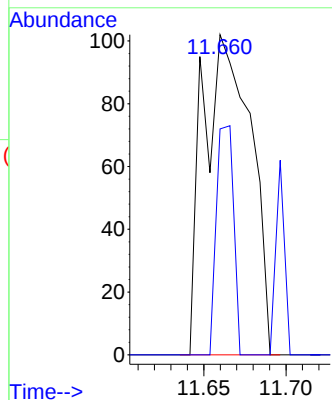
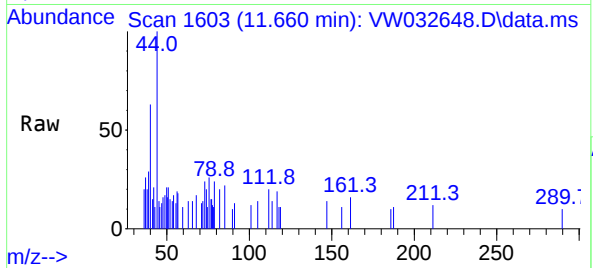




#65
Chlorobenzene
Concen: 8.137 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

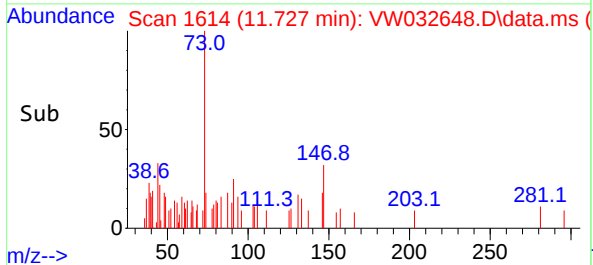
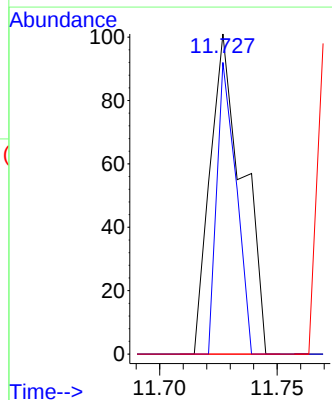
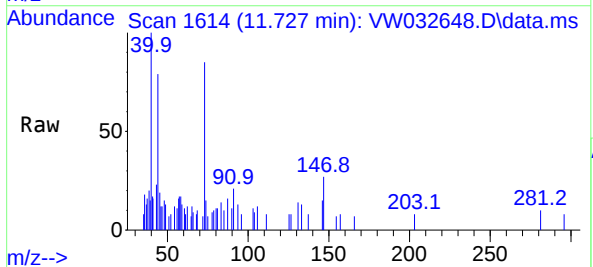
Instrument :
MSVOA_W
ClientSampleId :
BFB

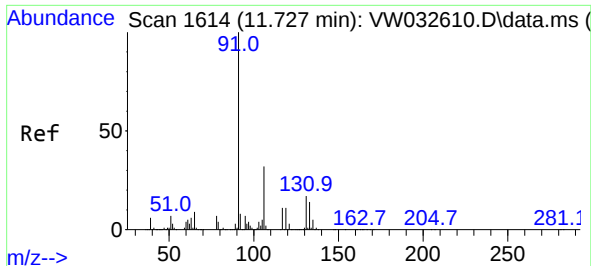
Tgt Ion:112 Resp: 206
Ion Ratio Lower Upper
112 100
114 70.6 23.8 35.8#



#66
1,1,1,2-Tetrachloroethane
Concen: 12.645 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:131 Resp: 98
Ion Ratio Lower Upper
131 100
133 54.1 44.0 132.1
119 0.0 32.0 96.2#





#67

Ethyl Benzene

Concen: 13.033 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

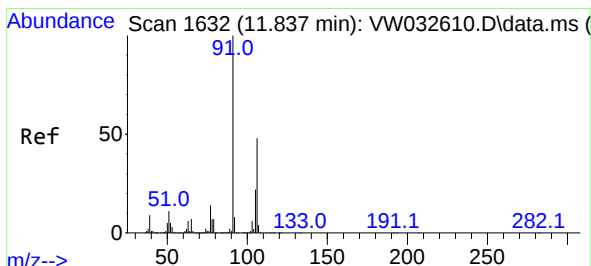
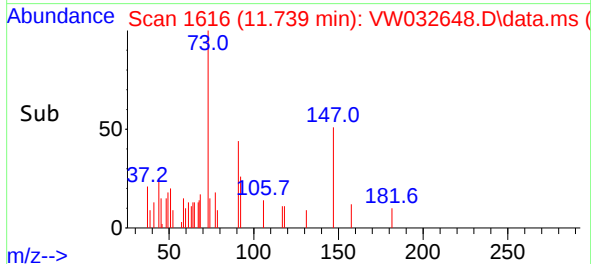
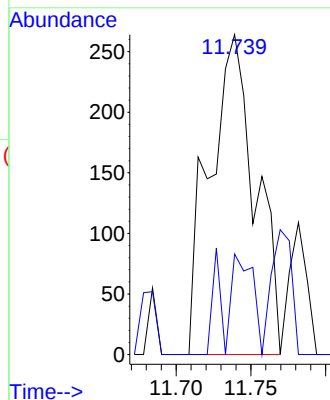
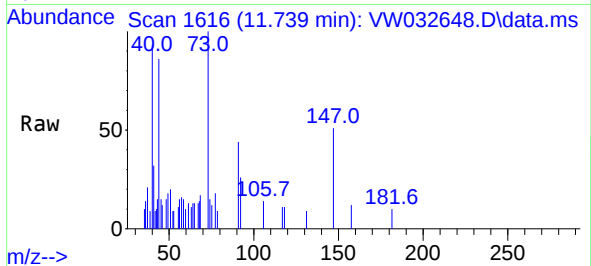
BFB

Tgt Ion: 91 Resp: 564

Ion Ratio Lower Upper

91 100

106 31.4 25.8 38.6



#68

m/p-Xylenes

Concen: 26.962 ug/l

RT: 11.849 min Scan# 1634

Delta R.T. 0.012 min

Lab File: VW032648.D

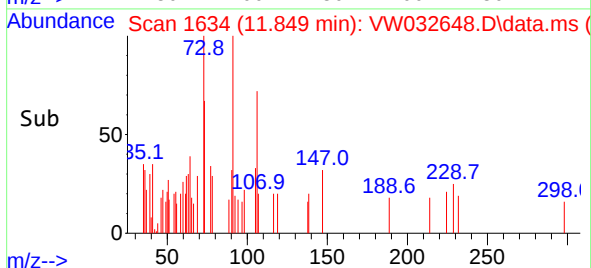
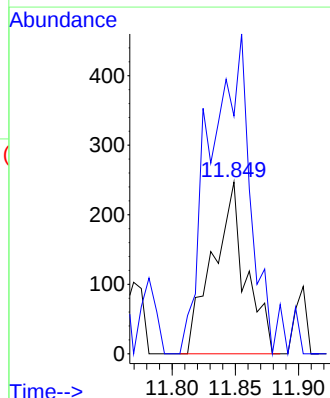
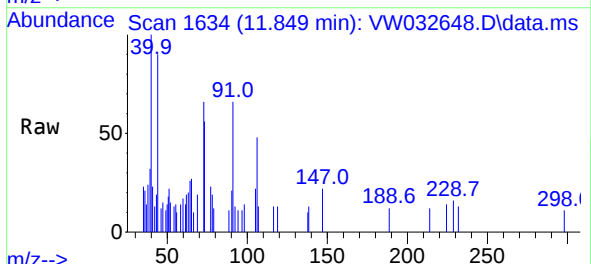
Acq: 16 Dec 2025 09:54

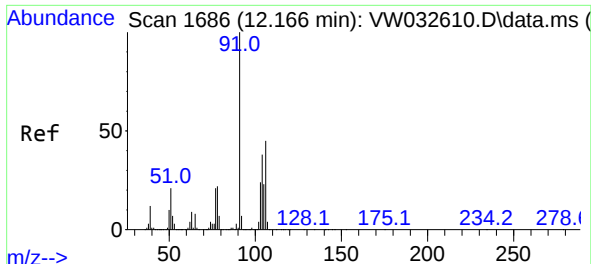
Tgt Ion: 106 Resp: 445

Ion Ratio Lower Upper

106 100

91 238.0 165.6 248.4





#69

o-Xylene

Concen: 17.177 ug/l

RT: 12.178 min Scan# 1

Delta R.T. 0.018 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

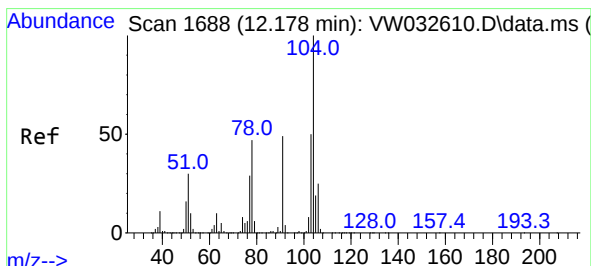
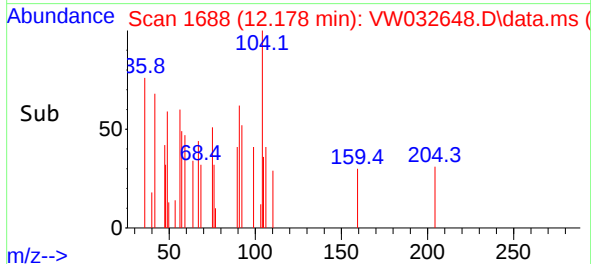
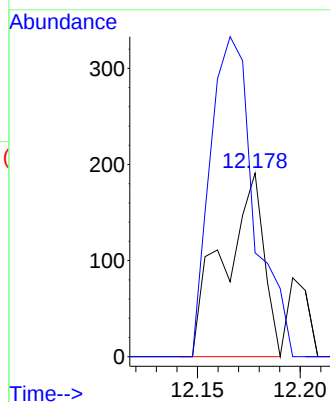
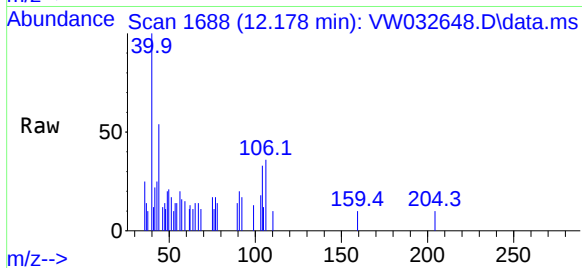
BFB

Tgt Ion:106 Resp: 259

Ion Ratio Lower Upper

106 100

91 191.5 108.3 324.8



#70

Styrene

Concen: 12.066 ug/l

RT: 12.184 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

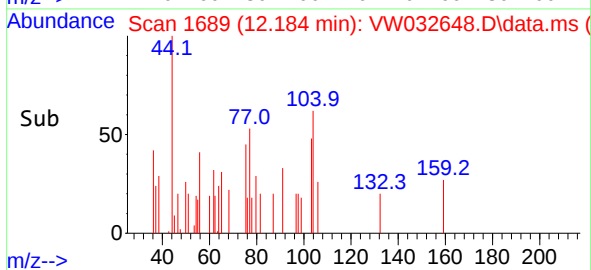
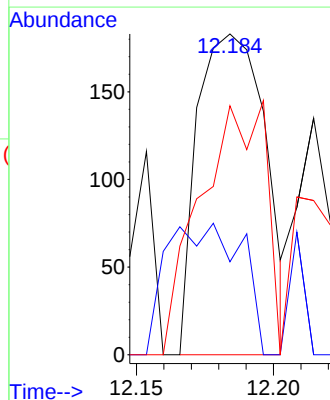
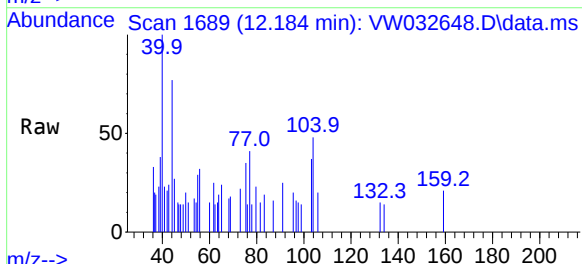
Tgt Ion:104 Resp: 317

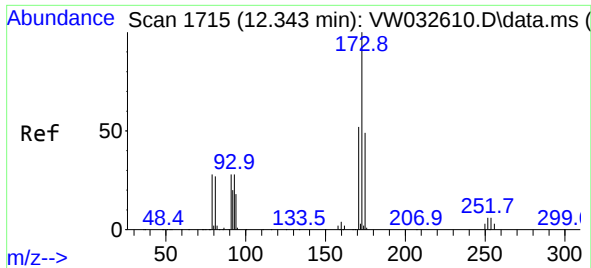
Ion Ratio Lower Upper

104 100

78 45.1 41.5 62.3

103 75.1 43.8 65.6#

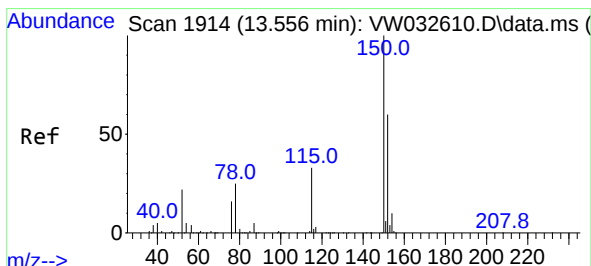
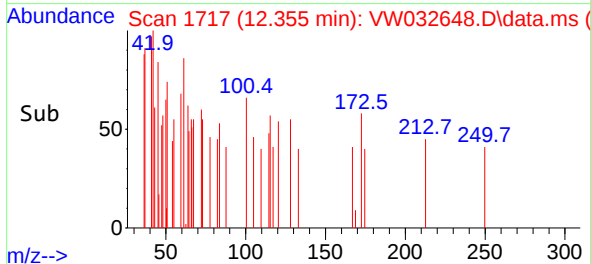
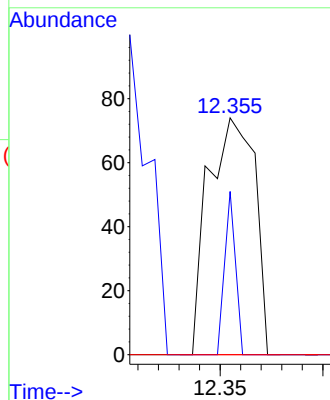
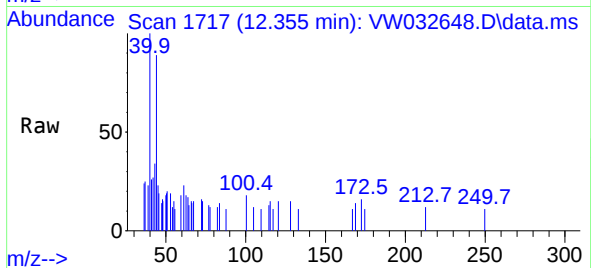




#71
Bromoform
Concen: 27.020 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

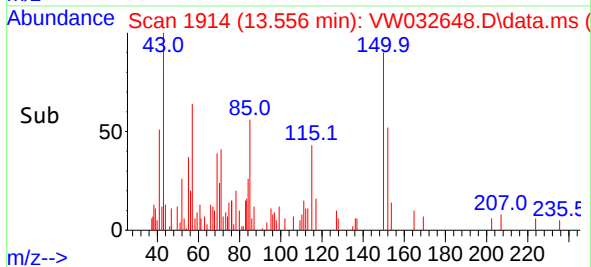
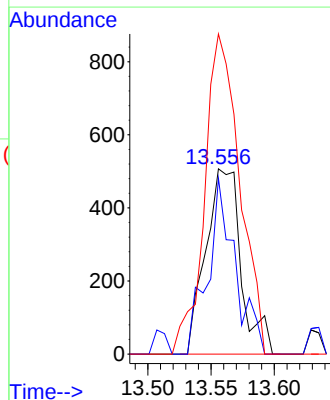
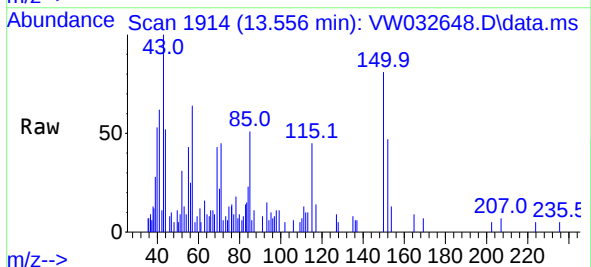
Instrument :
MSVOA_W
ClientSampleId :
BFB

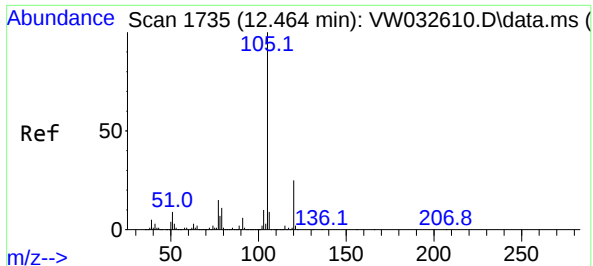
Tgt Ion:173 Resp: 117
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:152 Resp: 984
Ion Ratio Lower Upper
152 100
115 73.8 33.8 101.3
150 172.4 0.0 369.4

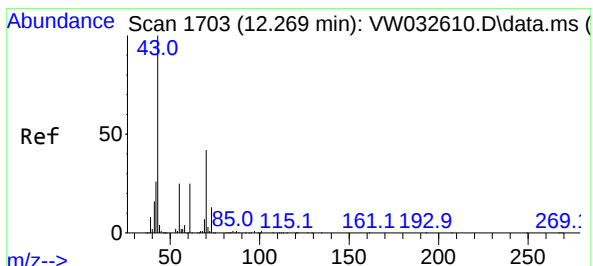
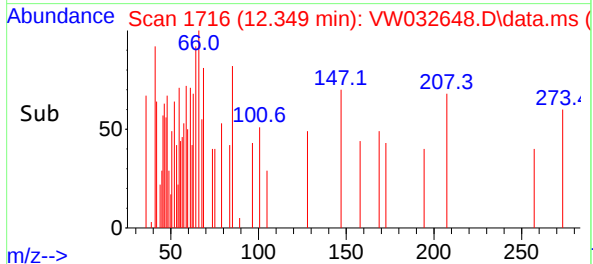
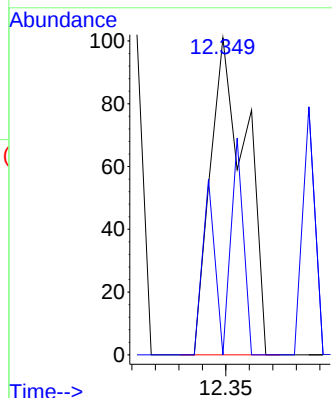
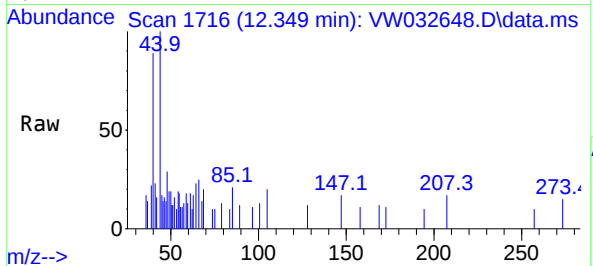




#73
Isopropylbenzene
Concen: 1.445 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.110 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

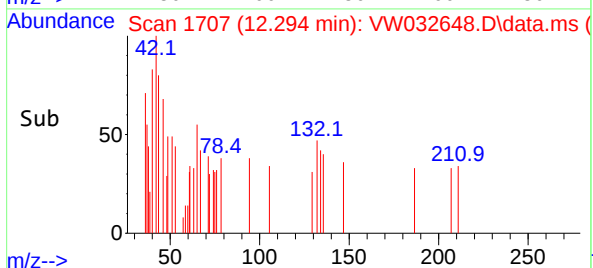
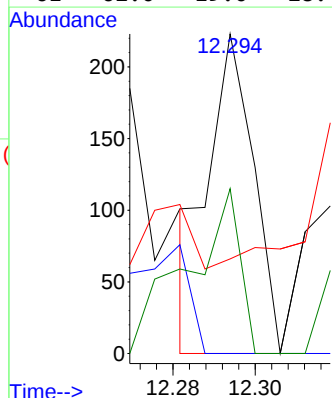
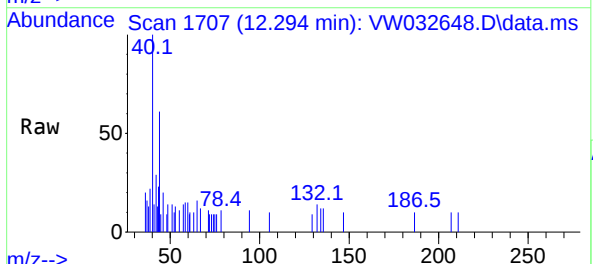
Instrument :
MSVOA_W
ClientSampleId :
BFB

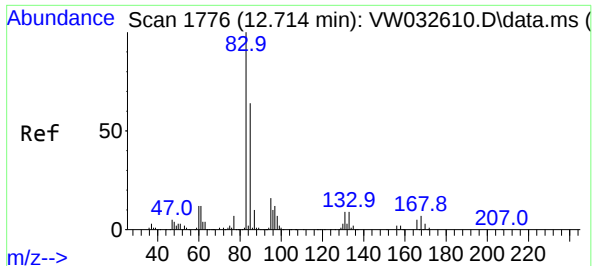
Tgt Ion:105 Resp: 107
Ion Ratio Lower Upper
105 100
120 18.7 13.0 39.0



#74
N-ethyl acetate
Concen: 6.863 ug/l
RT: 12.294 min Scan# 1707
Delta R.T. 0.024 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
70 57.8 32.4 48.6#
55 106.0 19.8 29.6#
61 62.0 19.0 28.4#

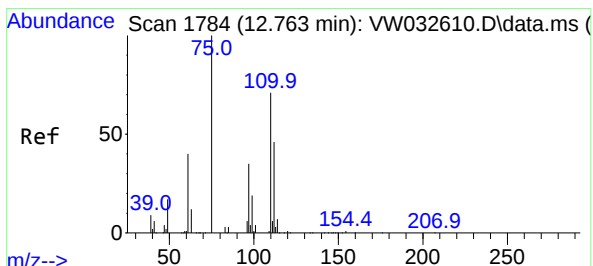
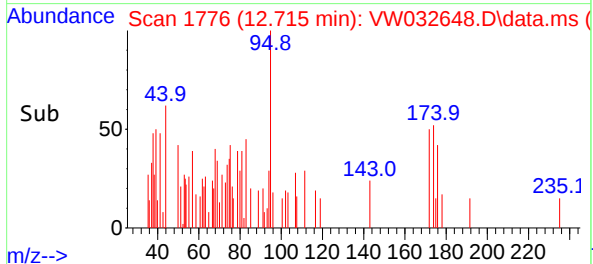
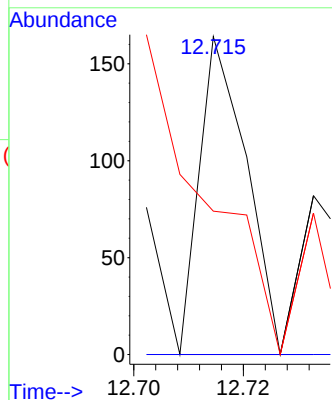
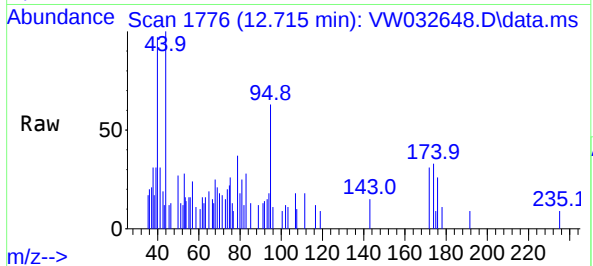




#75
1,1,2,2-Tetrachloroethane
Concen: 5.512 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

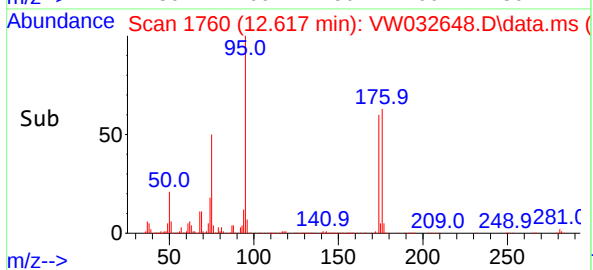
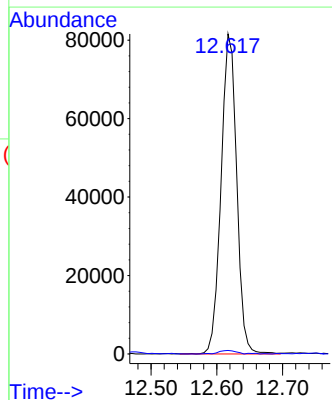
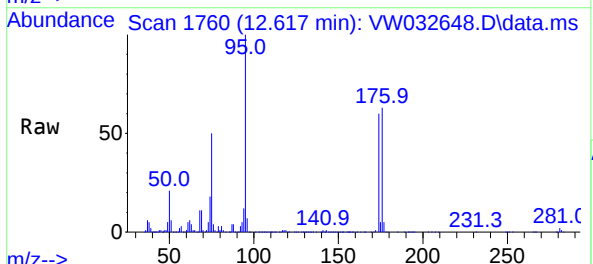
Instrument :
MSVOA_W
ClientSampleId :
BFB

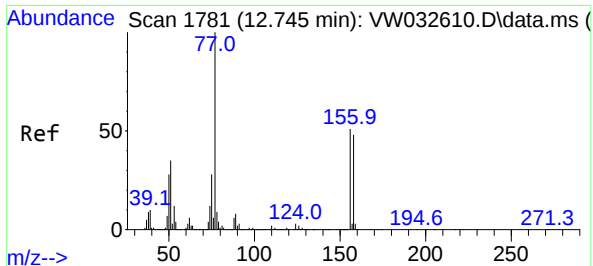
Tgt Ion: 83 Resp: 97
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 31.8 95.3#



#76
1,2,3-Trichloropropane
Concen: 6008.241 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 75 Resp: 135043
Ion Ratio Lower Upper
75 100
77 1.2 154.0 462.0#

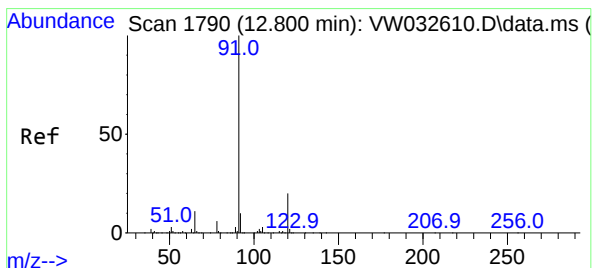
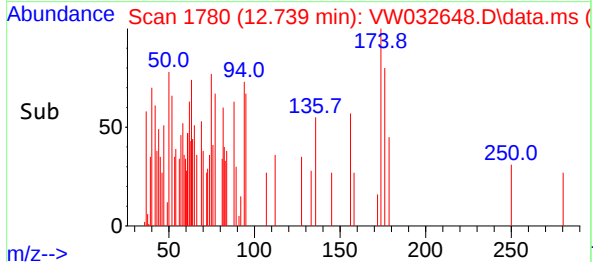
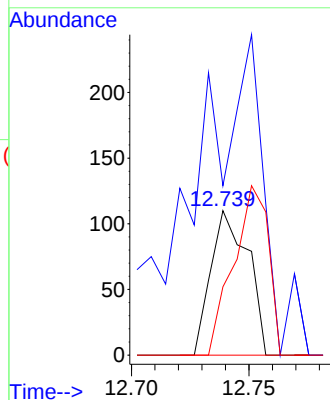
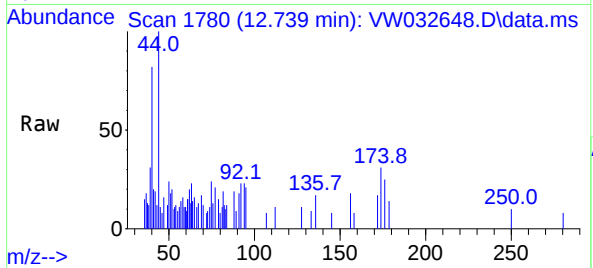




#77
Bromobenzene
Concen: 7.093 ug/l
RT: 12.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

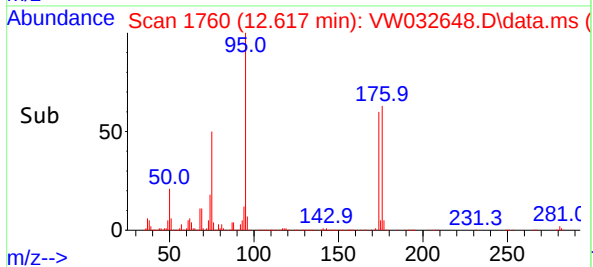
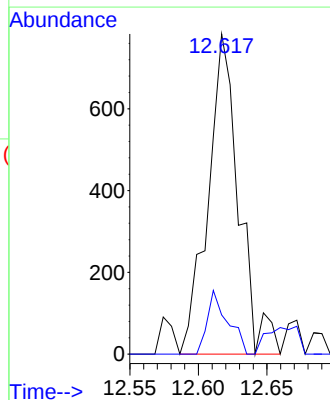
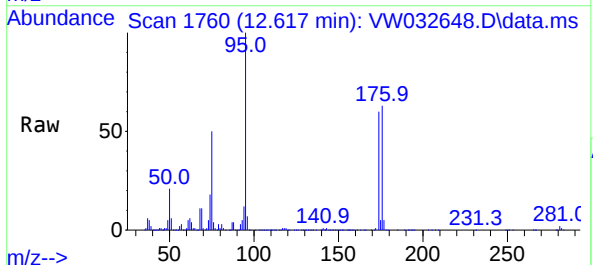
Instrument :
MSVOA_W
ClientSampleId :
BFB

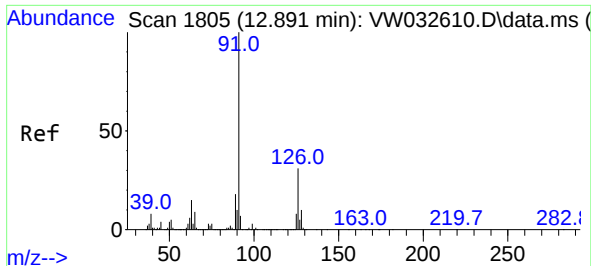
Tgt Ion:156 Resp: 121
Ion Ratio Lower Upper
156 100
77 356.2 116.7 350.1#
158 109.9 49.9 149.7



#78
n-propylbenzene
Concen: 13.079 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.183 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 91 Resp: 1227
Ion Ratio Lower Upper
91 100
120 13.2 10.9 32.6

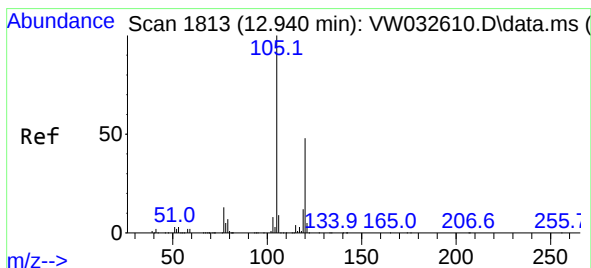
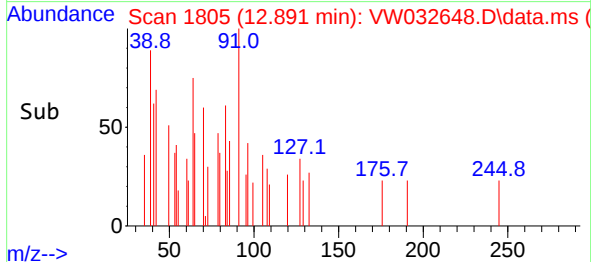
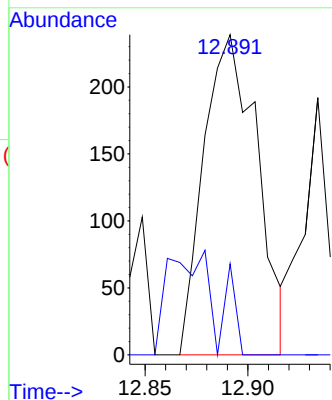
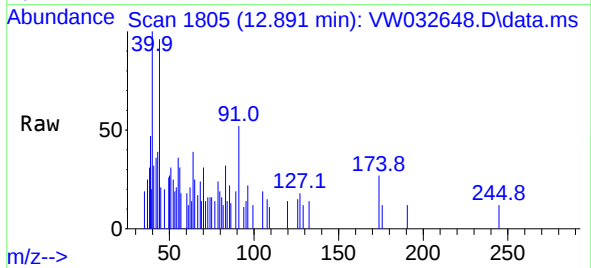




#79
2-Chlorotoluene
Concen: 7.731 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

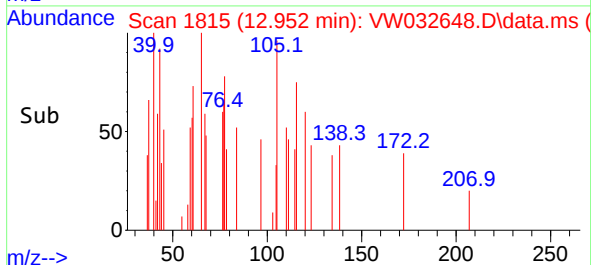
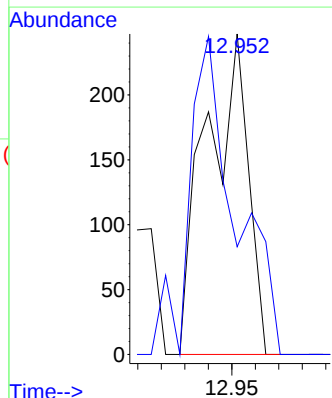
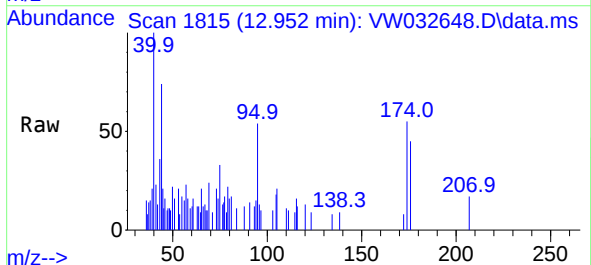
Instrument :
MSVOA_W
ClientSampleId :
BFB

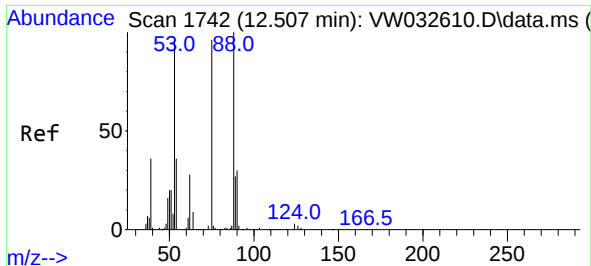
Tgt Ion: 91 Resp: 432
Ion Ratio Lower Upper
91 100
126 29.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 4.941 ug/l
RT: 12.952 min Scan# 1815
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 105 Resp: 305
Ion Ratio Lower Upper
105 100
120 109.5 24.3 72.8#

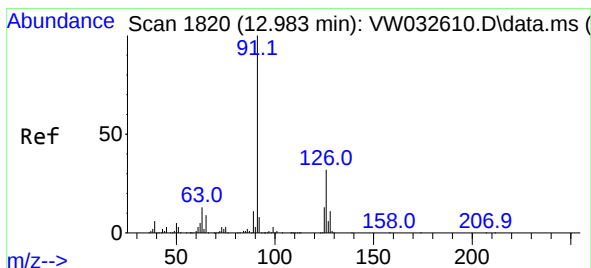
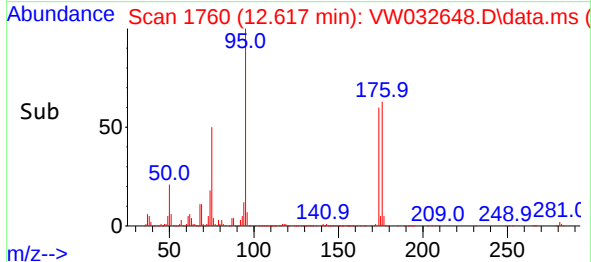
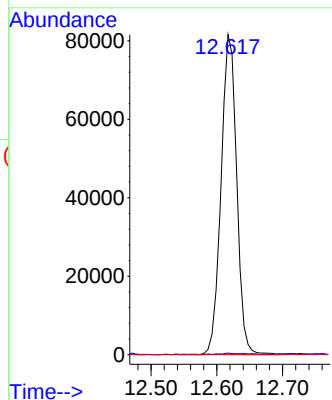
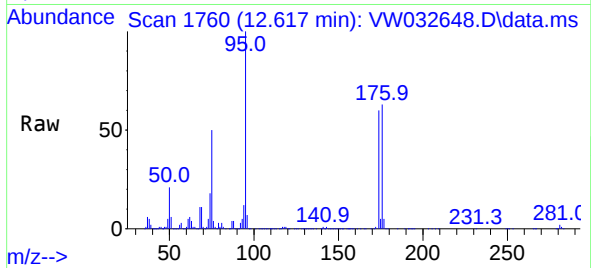




#81
trans-1,4-Dichloro-2-butene
Concen: 23528.894 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.110 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

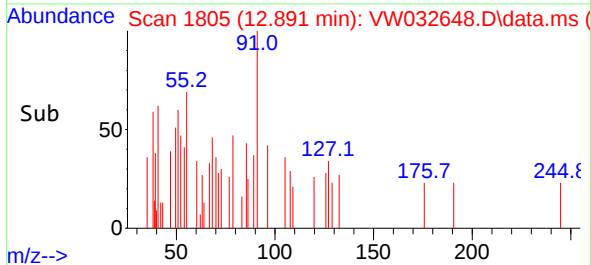
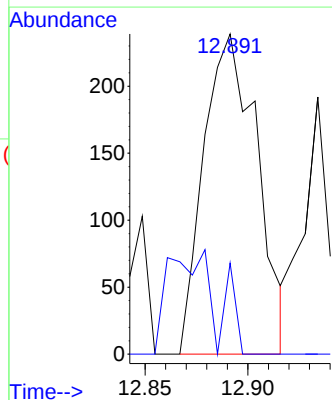
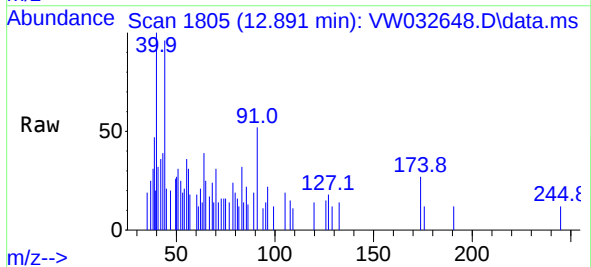
Instrument :
MSVOA_W
ClientSampleId :
BFB

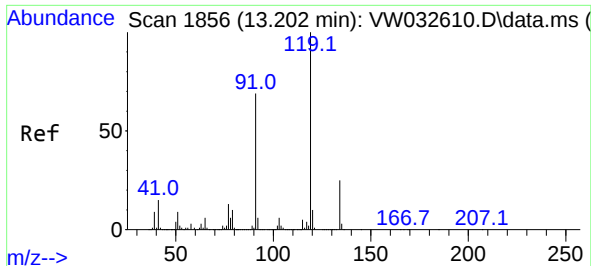
Tgt Ion: 75 Resp: 135043
Ion Ratio Lower Upper
75 100
53 0.3 86.1 129.1#
89 0.3 37.4 56.2#



#82
4-Chlorotoluene
Concen: 7.280 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.092 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 91 Resp: 432
Ion Ratio Lower Upper
91 100
126 29.4 15.8 47.4

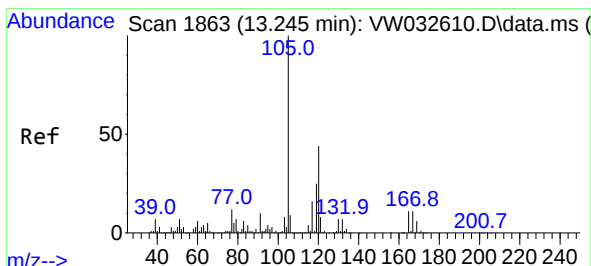
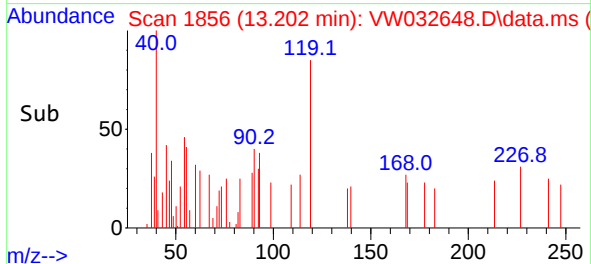
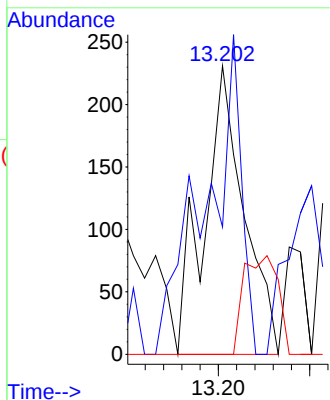
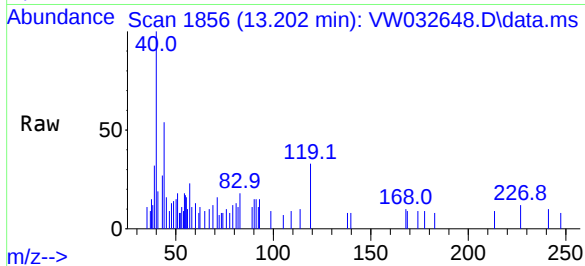




#83
tert-Butylbenzene
Concen: 6.569 ug/l
RT: 13.202 min Scan# 119
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

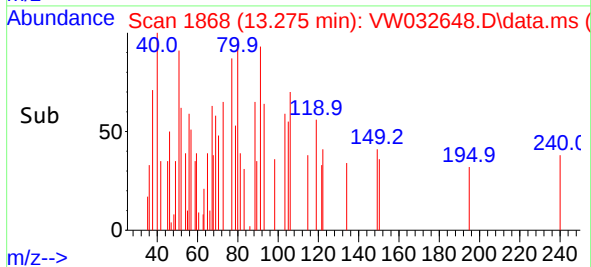
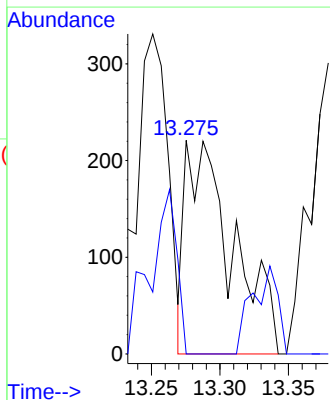
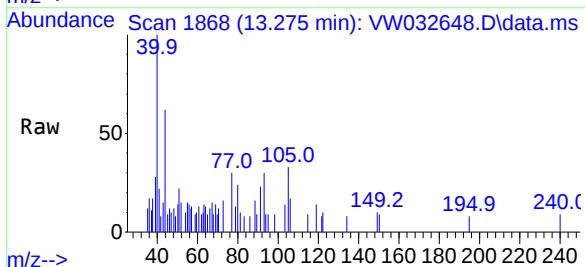
Instrument :
MSVOA_W
ClientSampleId :
BFB

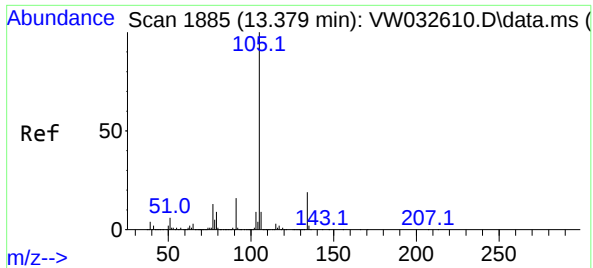
Tgt Ion:	119	Resp:	348
Ion	Ratio	Lower	Upper
119	100		
91	62.4	34.3	102.8
134	0.0	12.6	37.8



#84
1,2,4-Trimethylbenzene
Concen: 8.451 ug/l
RT: 13.275 min Scan# 1868
Delta R.T. 0.030 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:	105	Resp:	530
Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.4	67.0

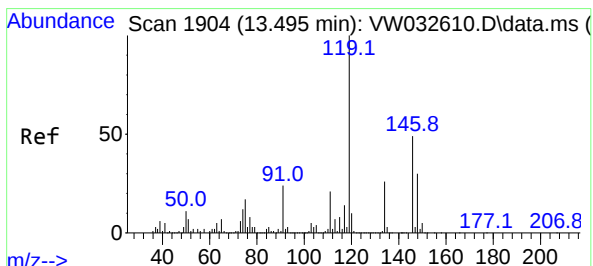
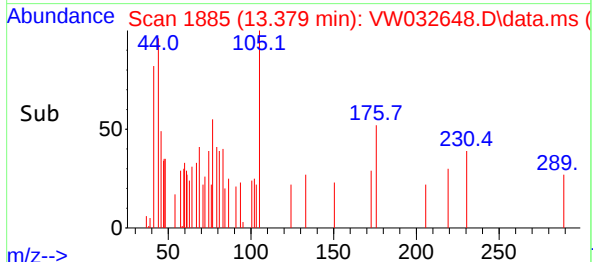
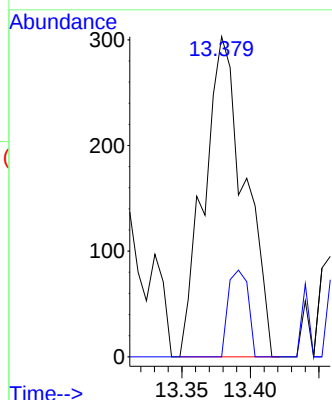
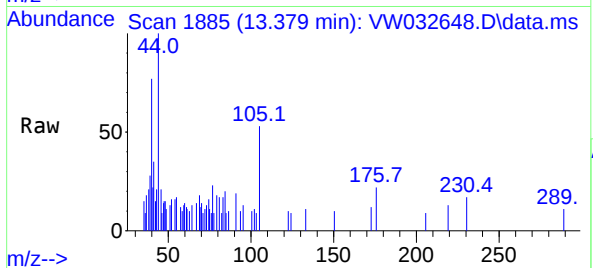




#85
sec-Butylbenzene
Concen: 7.720 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

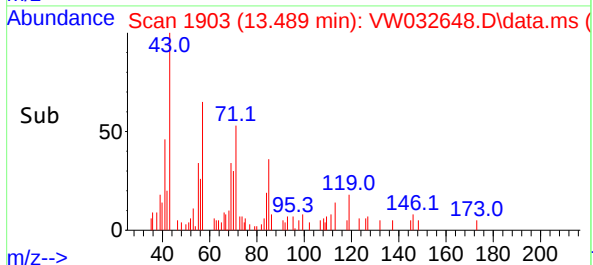
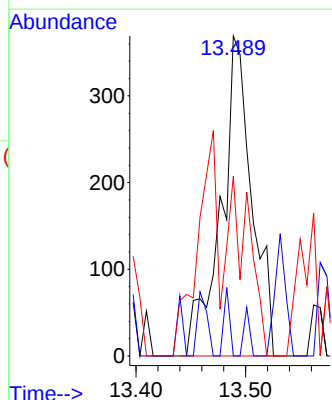
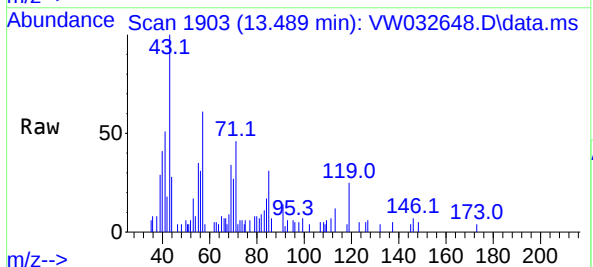
Instrument :
MSVOA_W
ClientSampleId :
BFB

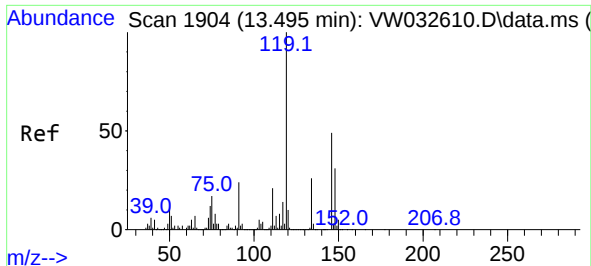
Tgt Ion:105 Resp: 624
Ion Ratio Lower Upper
105 100
134 13.3 9.7 28.9



#86
p-Isopropyltoluene
Concen: 10.879 ug/l
RT: 13.489 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:119 Resp: 720
Ion Ratio Lower Upper
119 100
134 4.0 13.0 39.0#
91 33.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.756 ug/l

RT: 13.507 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

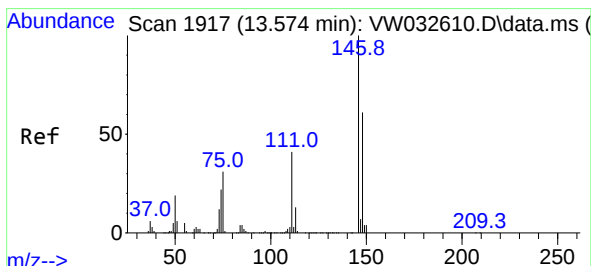
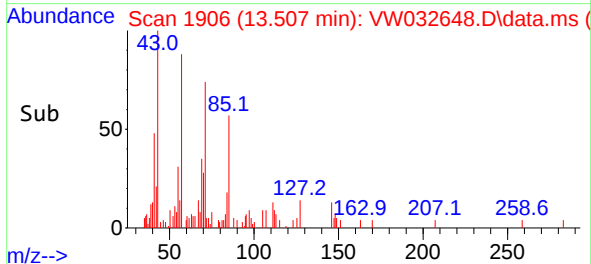
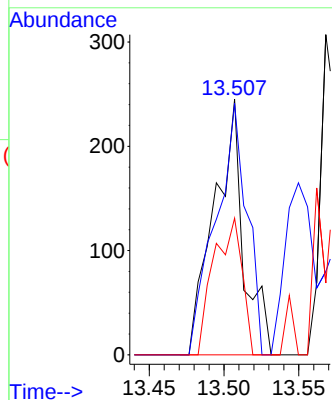
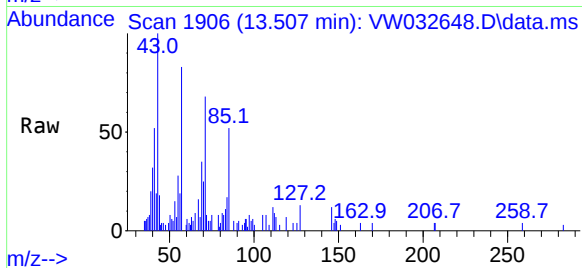
Instrument :

MSVOA_W

ClientSampleId :

BFB

Tgt Ion:	146	Resp:	335
Ion	Ratio	Lower	Upper
146	100		
111	104.5	21.6	64.6#
148	51.6	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 13.220 ug/l

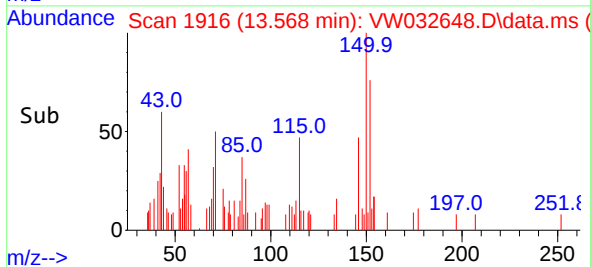
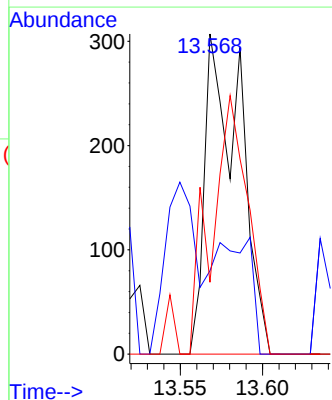
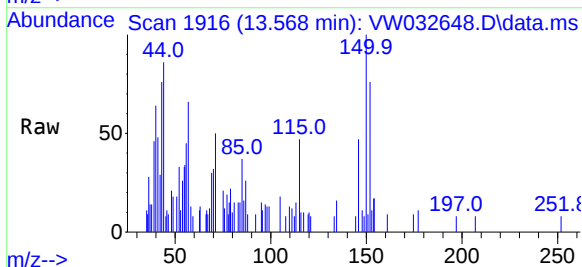
RT: 13.568 min Scan# 1916

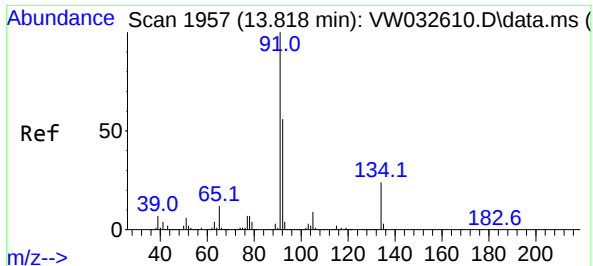
Delta R.T. -0.006 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Tgt Ion:	146	Resp:	456
Ion	Ratio	Lower	Upper
146	100		
111	52.2	20.9	62.8
148	0.0	30.4	91.2#

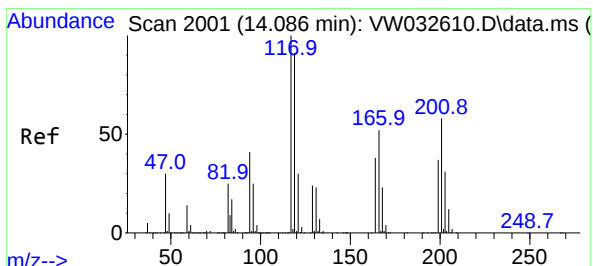
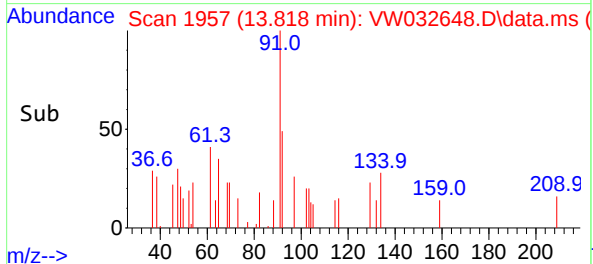
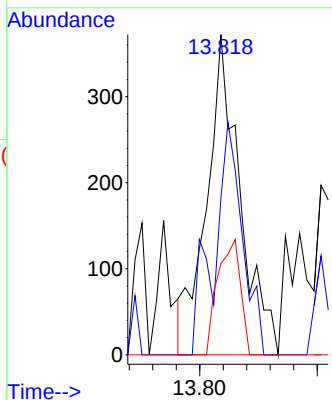
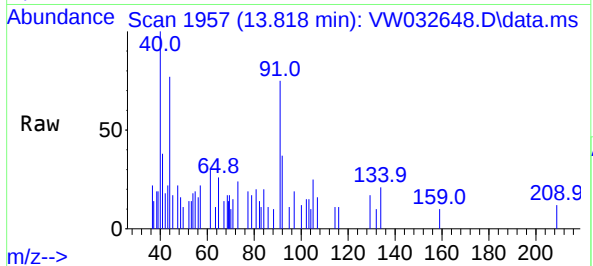




#89
n-Butylbenzene
Concen: 11.088 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

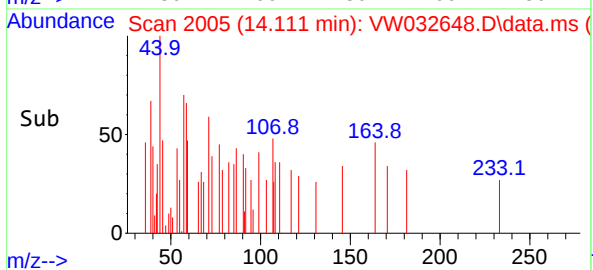
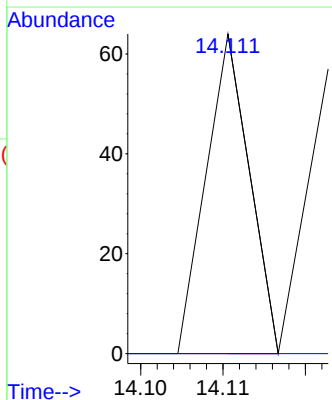
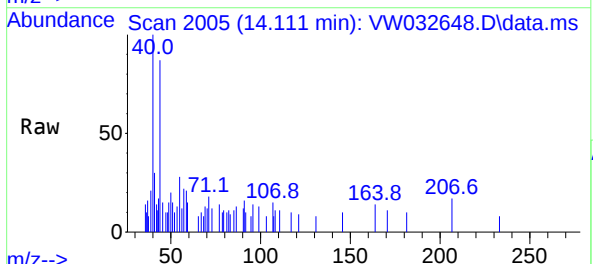
Instrument :
MSVOA_W
ClientSampleId :
BFB

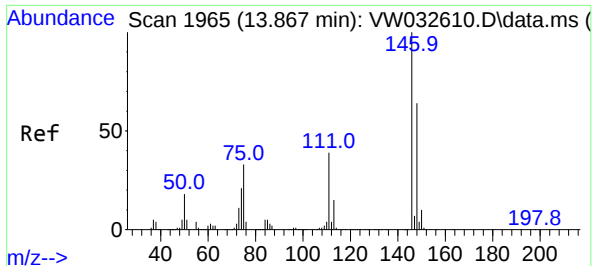
Tgt Ion:	91	Resp:	738
Ion	Ratio	Lower	Upper
91	100		
92	61.9	27.4	82.0
134	24.5	11.8	35.4



#90
Hexachloroethane
Concen: 1.849 ug/l
RT: 14.111 min Scan# 2005
Delta R.T. 0.024 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:	117	Resp:	23
Ion	Ratio	Lower	Upper
117	100		
201	78.3	30.4	91.2

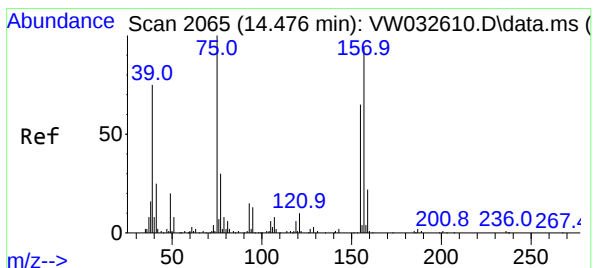
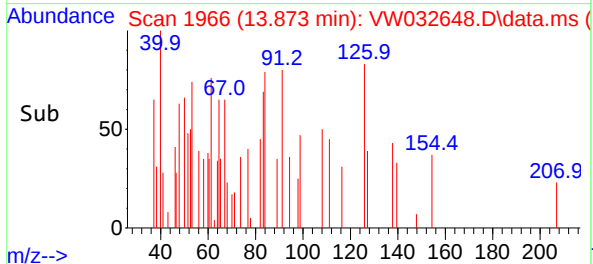
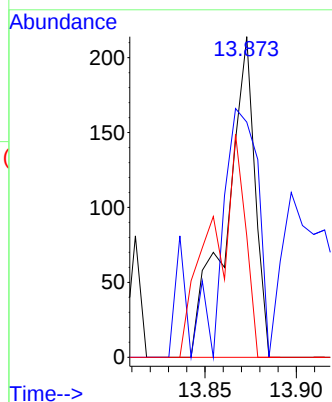
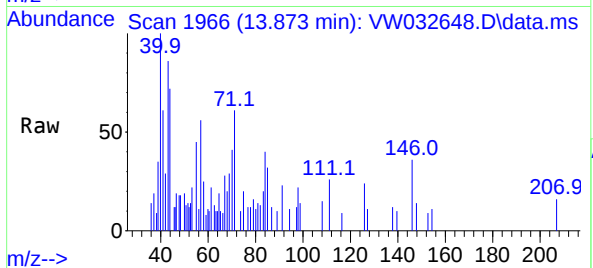




#91
1,2-Dichlorobenzene
Concen: 7.464 ug/l
RT: 13.873 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

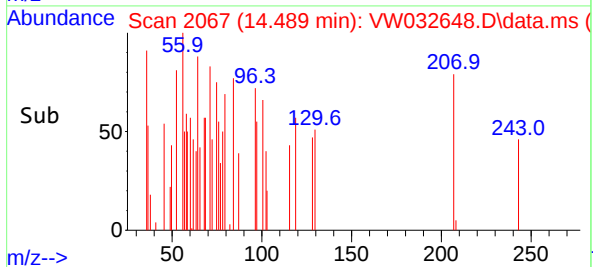
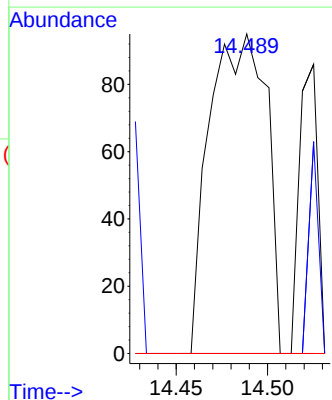
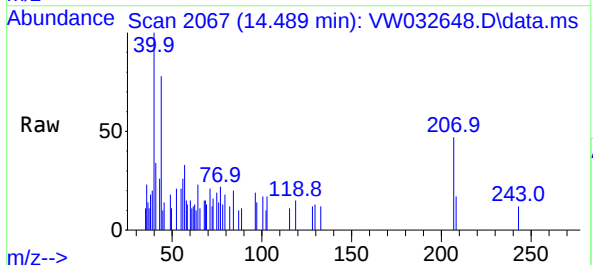
Instrument :
MSVOA_W
ClientSampleId :
BFB

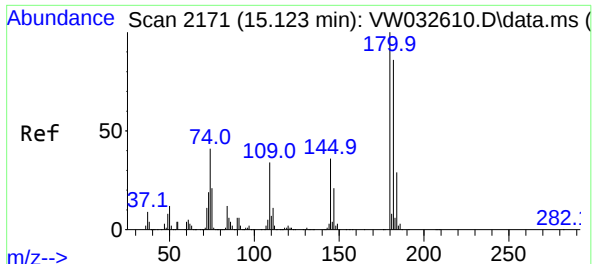
Tgt Ion:146 Resp: 232
Ion Ratio Lower Upper
146 100
111 97.0 21.5 64.5#
148 78.9 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 68.028 ug/l
RT: 14.489 min Scan# 2067
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
155 0.0 35.3 105.9#
157 0.0 44.8 134.4#





#93

1,2,4-Trichlorobenzene

Concen: 15.761 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

BFB

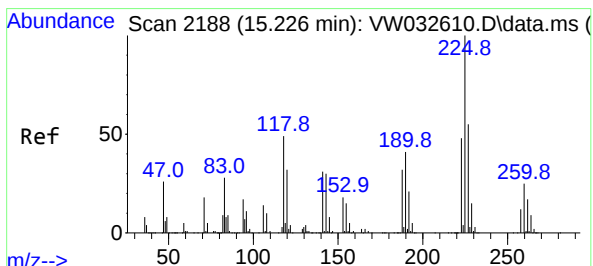
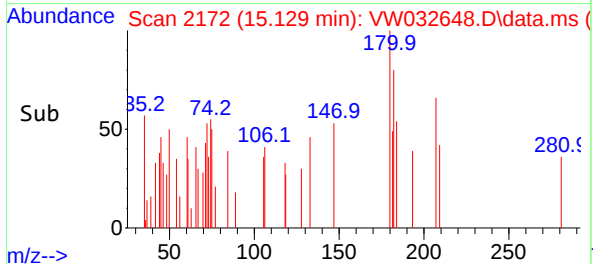
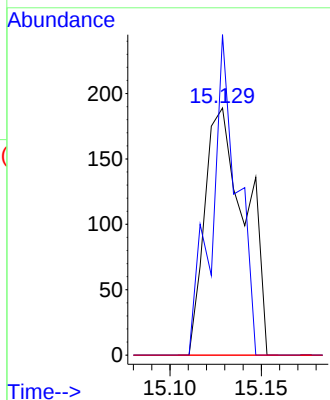
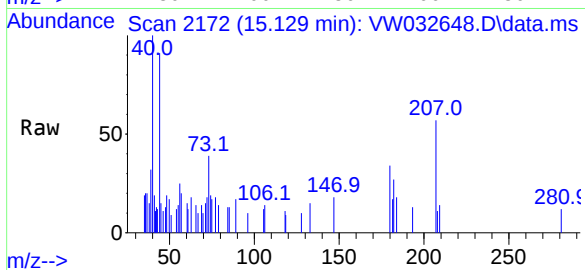
Tgt Ion:180 Resp: 290

Ion Ratio Lower Upper

180 100

182 82.8 46.9 140.6

145 0.0 17.1 51.3#



#94

Hexachlorobutadiene

Concen: 18.608 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032648.D

Acq: 16 Dec 2025 09:54

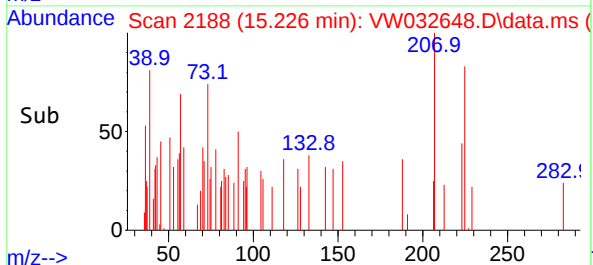
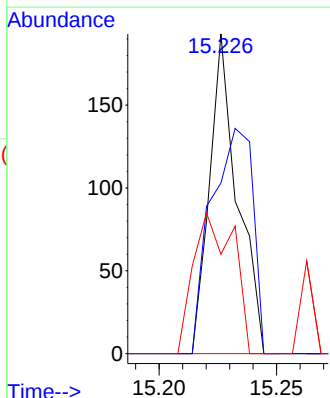
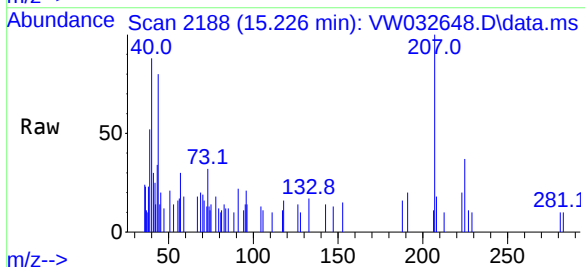
Tgt Ion:225 Resp: 160

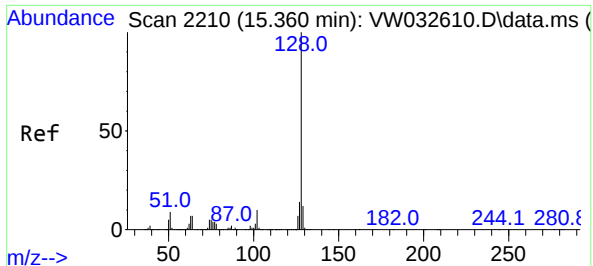
Ion Ratio Lower Upper

225 100

223 104.4 30.3 90.8#

227 63.1 29.1 87.4

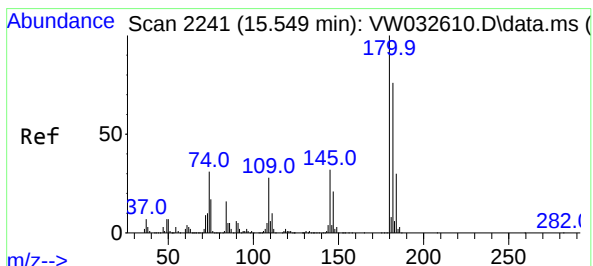
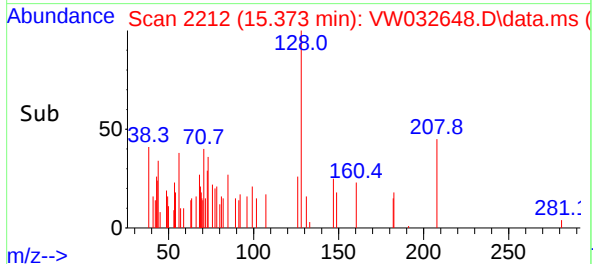
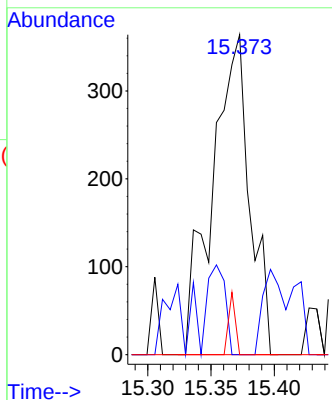
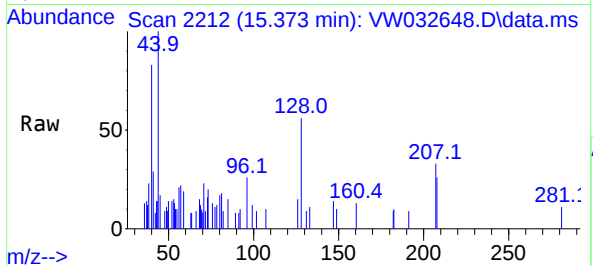




#95
Naphthalene
Concen: 17.339 ug/l
RT: 15.373 min Scan# 211
Delta R.T. 0.012 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:	128	Resp:	750
Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.5	15.7#
129	3.5	9.0	13.6#



#96
1,2,3-Trichlorobenzene
Concen: 10.889 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW032648.D
Acq: 16 Dec 2025 09:54

Tgt Ion:	180	Resp:	180
Ion	Ratio	Lower	Upper
180	100		
182	75.0	45.9	137.6
145	20.6	17.0	51.0

