

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032147.D
 Acq On : 28 Aug 2025 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Aug 29 01:14:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	241044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	380644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	148721	43.142	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	86.280%
35) Dibromofluoromethane	7.898	113	126177	47.247	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.500%
50) Toluene-d8	10.325	98	458860	48.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.617	95	170712	49.243	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	71694	45.050	ug/l	93
3) Chloromethane	2.253	50	73991	44.344	ug/l	99
4) Vinyl Chloride	2.399	62	107393	49.553	ug/l	97
5) Bromomethane	2.820	94	87125	45.018	ug/l	98
6) Chloroethane	2.966	64	71247	46.681	ug/l	98
7) Trichlorofluoromethane	3.302	101	100568	46.834	ug/l	92
8) Diethyl Ether	3.716	74	70051	43.714	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	119335	49.332	ug/l	99
10) Methyl Iodide	4.307	142	185891	50.468	ug/l	98
11) Tert butyl alcohol	5.210	59	46696	221.456	ug/l	99
12) 1,1-Dichloroethene	4.076	96	127403	50.010	ug/l	98
13) Acrolein	3.923	56	68563	211.532	ug/l	97
14) Allyl chloride	4.704	41	184779	51.063	ug/l	100
15) Acrylonitrile	5.393	53	181801	233.347	ug/l	99
16) Acetone	4.155	43	186103	249.276	ug/l	95
17) Carbon Disulfide	4.417	76	326632	51.263	ug/l	100
18) Methyl Acetate	4.704	43	108848	45.759	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	239300	49.744	ug/l	99
20) Methylene Chloride	4.941	84	143831	46.725	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	140838	49.488	ug/l	96
22) Diisopropyl ether	6.338	45	397838	50.514	ug/l	96
23) Vinyl Acetate	6.277	43	1326976	247.817	ug/l	99
24) 1,1-Dichloroethane	6.240	63	253593	49.184	ug/l	100
25) 2-Butanone	7.185	43	260184	245.940	ug/l	99
26) 2,2-Dichloropropane	7.179	77	149431	54.728	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	170250	49.162	ug/l	98
28) Bromochloromethane	7.526	49	104463	44.259	ug/l	99
29) Tetrahydrofuran	7.551	42	156166	232.297	ug/l	99
30) Chloroform	7.691	83	284328	48.299	ug/l	97
31) Cyclohexane	7.965	56	201006	47.497	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	218408	50.824	ug/l	99
36) 1,1-Dichloropropene	8.093	75	187746	54.221	ug/l	98
37) Ethyl Acetate	7.270	43	102269	49.234	ug/l	98
38) Carbon Tetrachloride	8.075	117	202722	54.613	ug/l	98
39) Methylcyclohexane	9.337	83	232961	56.802	ug/l	99
40) Benzene	8.331	78	560070	52.327	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	62055	53.772	ug/l	93
42) 1,2-Dichloroethane	8.410	62	191765	51.682	ug/l	100
43) Isopropyl Acetate	8.435	43	198554	50.953	ug/l	98
44) Trichloroethene	9.099	130	150414	55.881	ug/l	86
45) 1,2-Dichloropropane	9.374	63	133600	51.779	ug/l	99
46) Dibromomethane	9.465	93	92107	50.896	ug/l	98
47) Bromodichloromethane	9.648	83	221709	53.910	ug/l	96
48) Methyl methacrylate	9.441	41	93767	52.214	ug/l	96
49) 1,4-Dioxane	9.459	88	22600	1033.587	ug/l	96
51) 4-Methyl-2-Pentanone	10.209	43	562299	255.550	ug/l	100
52) Toluene	10.392	92	377856	54.023	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	199433	54.971	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	227417	54.937	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	120713	51.295	ug/l	91
56) Ethyl methacrylate	10.648	69	163800	54.444	ug/l	98
57) 1,3-Dichloropropane	10.934	76	200668	50.925	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	413022	257.197	ug/l	99
59) 2-Hexanone	10.965	43	402480	263.009	ug/l	99
60) Dibromochloromethane	11.129	129	150908	52.995	ug/l	97
61) 1,2-Dibromoethane	11.233	107	117519	50.781	ug/l	98
64) Tetrachloroethene	10.861	164	123531	52.443	ug/l	94
65) Chlorobenzene	11.654	112	425517	52.235	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	143776	53.609	ug/l	97
67) Ethyl Benzene	11.727	91	734247	55.012	ug/l	97
68) m/p-Xylenes	11.837	106	570163	110.997	ug/l	98
69) o-Xylene	12.166	106	262163	53.956	ug/l	100
70) Styrene	12.178	104	457341	53.396	ug/l	100
71) Bromoform	12.349	173	83729	52.565	ug/l #	99
73) Isopropylbenzene	12.458	105	679690	57.927	ug/l	99
74) N-amyl acetate	12.269	43	184174	54.064	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.708	83	145706	52.253	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	184709	85.365	ug/l #	1
77) Bromobenzene	12.739	156	169275	56.573	ug/l	97
78) n-propylbenzene	12.800	91	863563	60.621	ug/l	97
79) 2-Chlorotoluene	12.891	91	503799	57.834	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	582398	58.625	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	45981	57.216	ug/l	99
82) 4-Chlorotoluene	12.983	91	520805	55.853	ug/l	98
83) tert-Butylbenzene	13.202	119	507457	60.245	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	586692	57.083	ug/l	99
85) sec-Butylbenzene	13.379	105	749373	59.586	ug/l	99
86) p-Isopropyltoluene	13.495	119	633810	59.262	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	331028	54.946	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	327331	54.205	ug/l	98
89) n-Butylbenzene	13.818	91	616594	60.471	ug/l	98
90) Hexachloroethane	14.092	117	112008	57.256	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	304293	57.048	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.476	75	26478	53.749	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	197213	57.869	ug/l	100
94) Hexachlorobutadiene	15.226	225	90856	53.755	ug/l	91
95) Naphthalene	15.360	128	442559	57.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	177730	56.077	ug/l	99

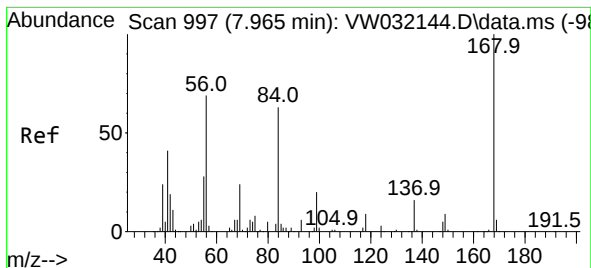
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Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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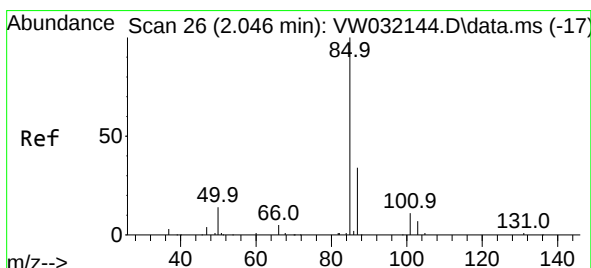
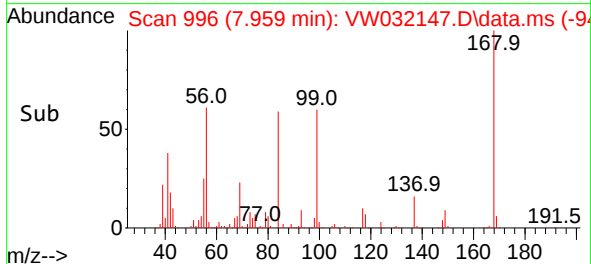
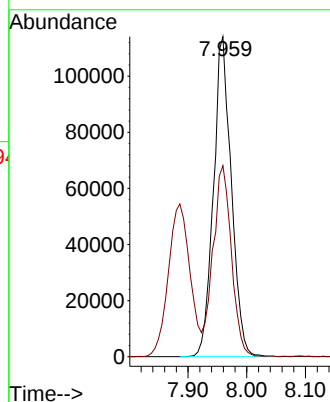
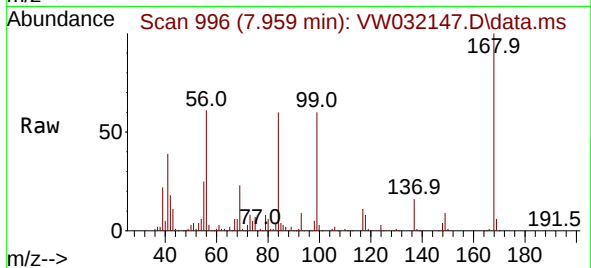
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032147.D
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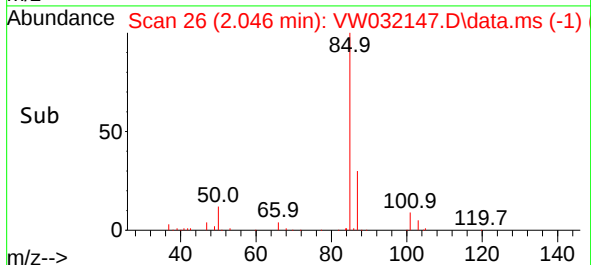
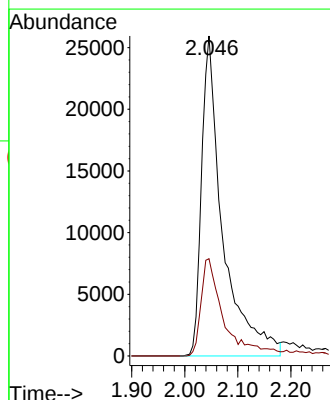
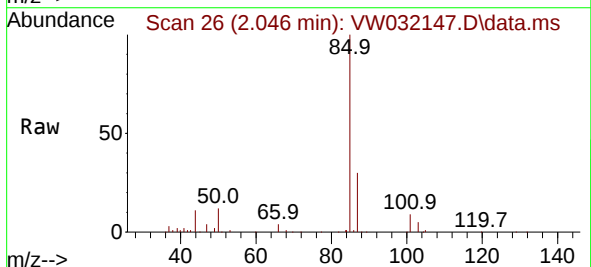
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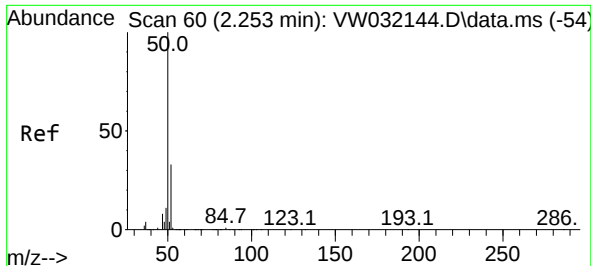
Tgt Ion:168 Resp: 241044
Ion Ratio Lower Upper
168 100
99 59.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 45.050 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 85 Resp: 71694
Ion Ratio Lower Upper
85 100
87 30.4 17.2 51.6

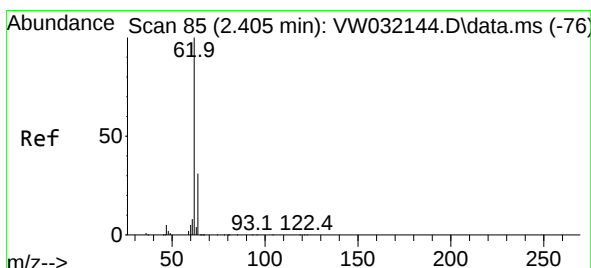
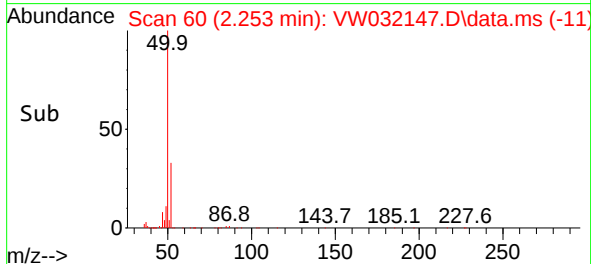
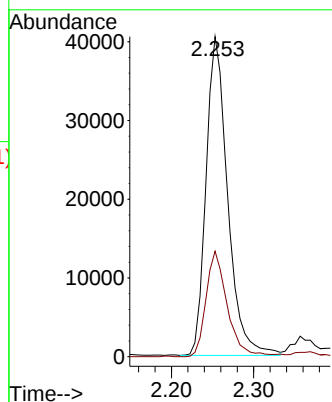
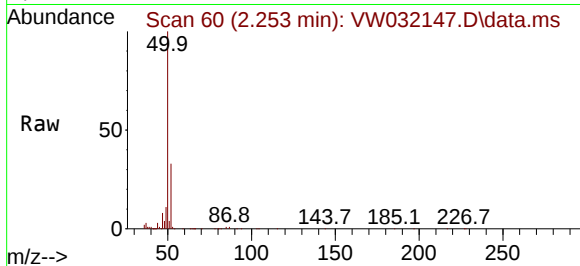




#3
Chloromethane
Concen: 44.344 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

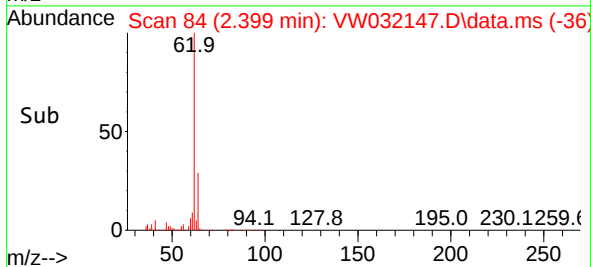
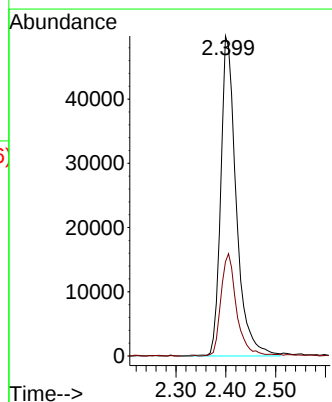
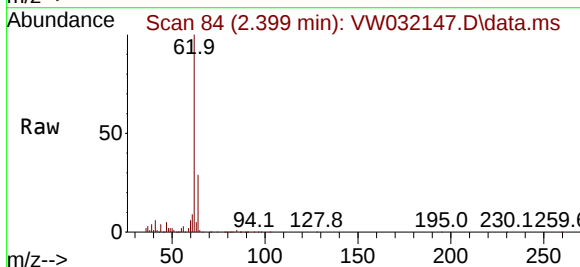
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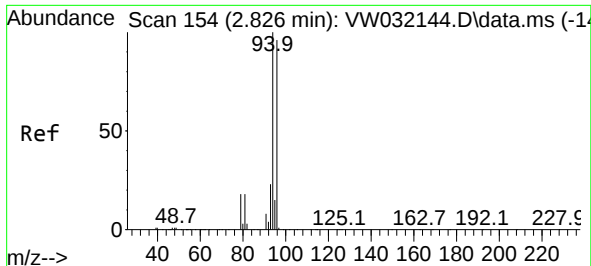
Tgt Ion: 50 Resp: 73991
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 49.553 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 62 Resp: 107393
Ion Ratio Lower Upper
62 100
64 29.5 24.8 37.2

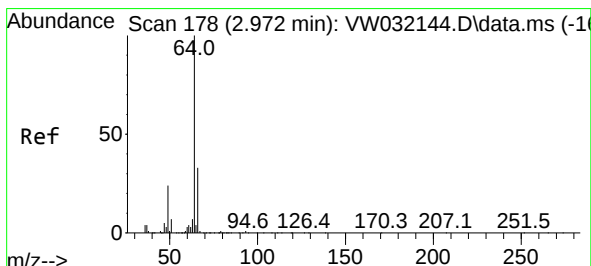
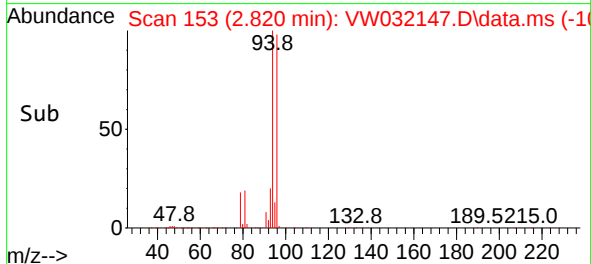
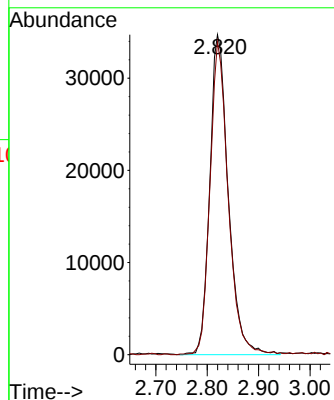
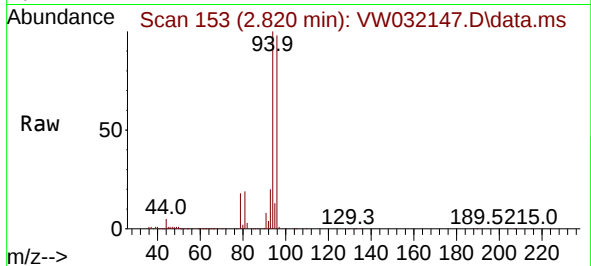




#5
Bromomethane
Concen: 45.018 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

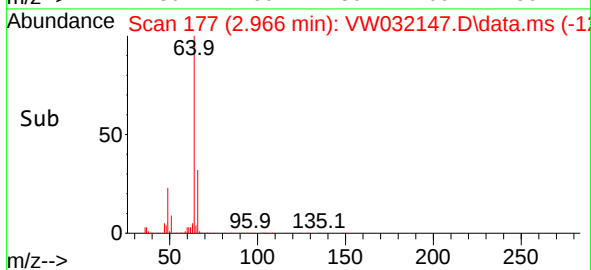
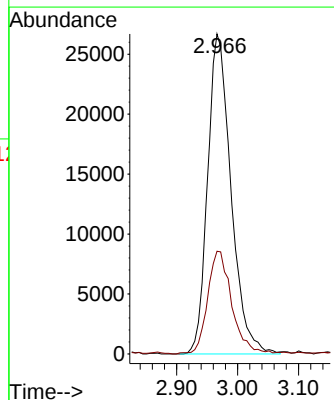
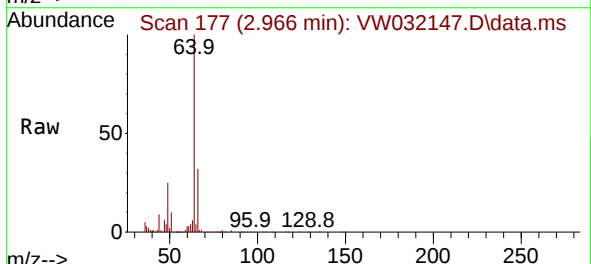
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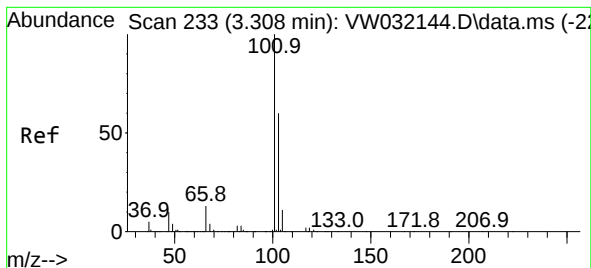
Tgt Ion: 94 Resp: 87125
Ion Ratio Lower Upper
94 100
96 97.6 76.6 115.0



#6
Chloroethane
Concen: 46.681 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 64 Resp: 71247
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4





#7

Trichlorofluoromethane

Concen: 46.834 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

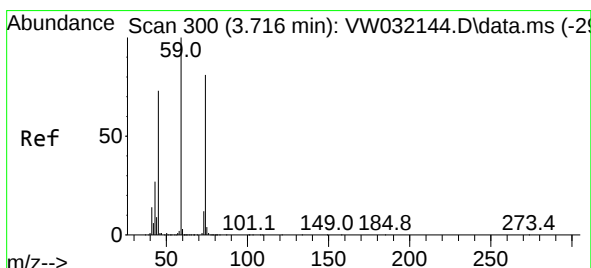
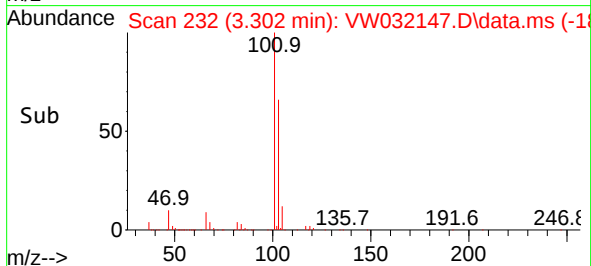
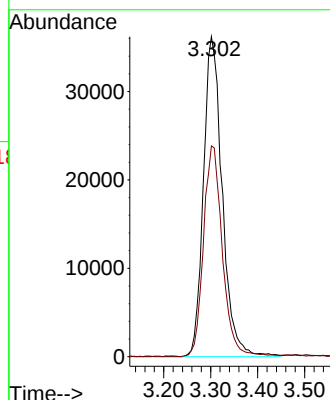
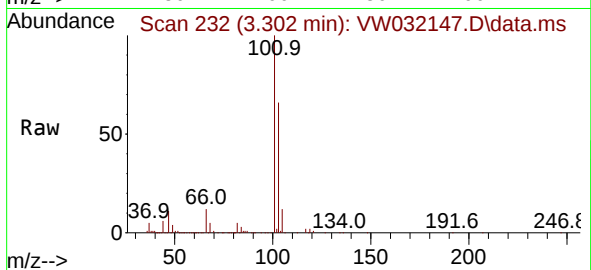
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Tgt Ion:101 Resp: 100568

Ion Ratio Lower Upper

101 100

103 65.8 47.8 71.8



#8

Diethyl Ether

Concen: 43.714 ug/l

RT: 3.716 min Scan# 300

Delta R.T. -0.000 min

Lab File: VW032147.D

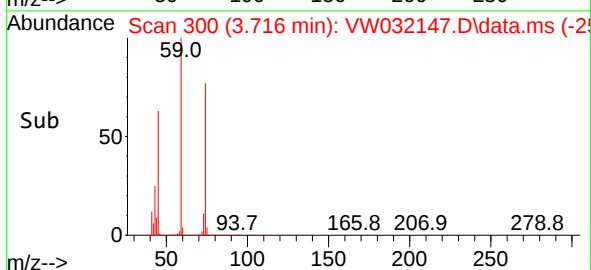
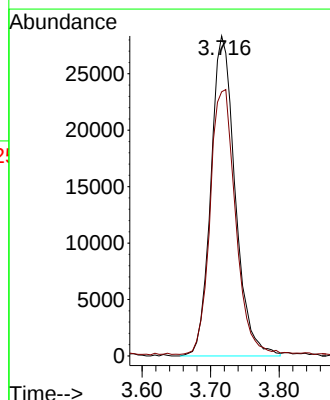
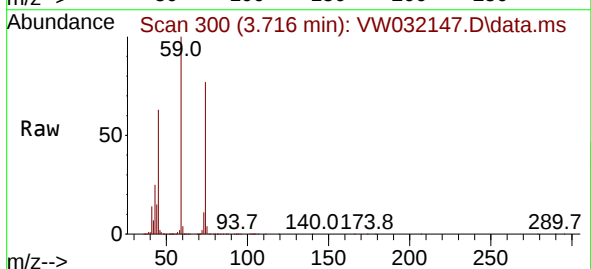
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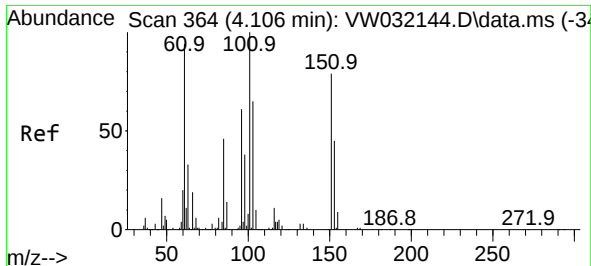
Tgt Ion: 74 Resp: 70051

Ion Ratio Lower Upper

74 100

45 86.3 43.1 129.4

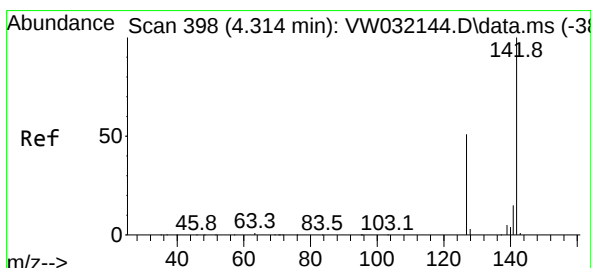
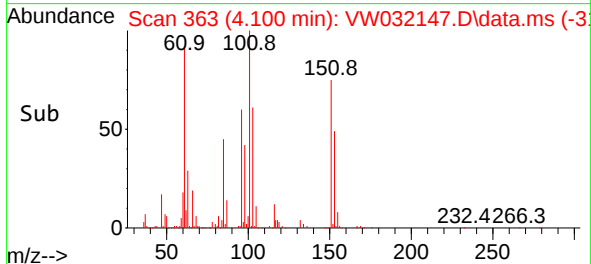
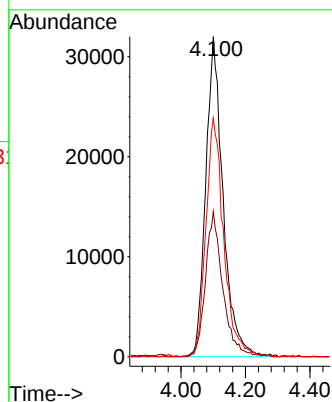
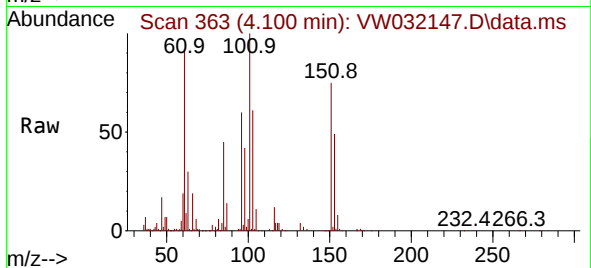




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.332 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
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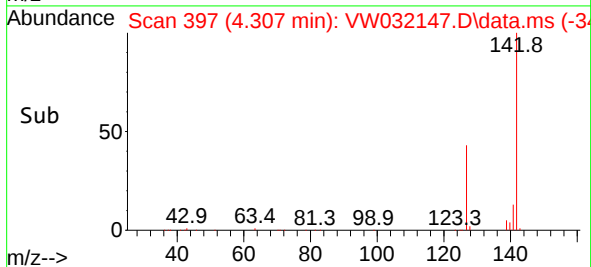
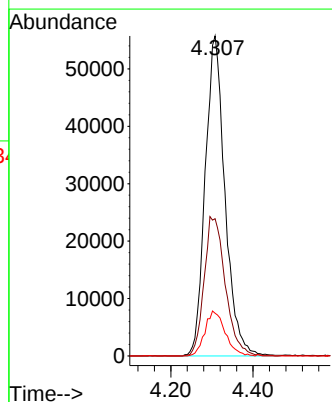
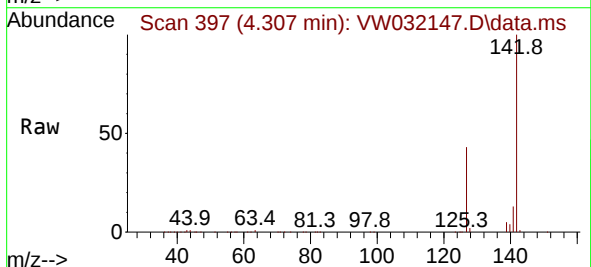
Instrument :
MSVOA_W
ClientSampleId :
BFB

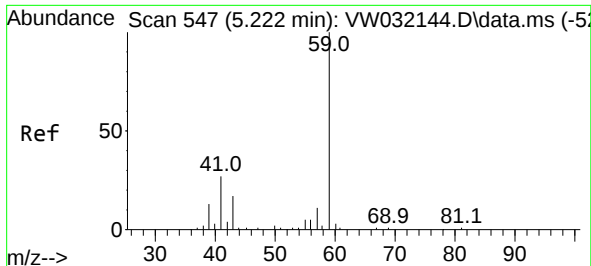
Tgt Ion:101 Resp: 119335
Ion Ratio Lower Upper
101 100
85 45.2 37.1 55.7
151 76.6 61.5 92.3



#10
Methyl Iodide
Concen: 50.468 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion:142 Resp: 185891
Ion Ratio Lower Upper
142 100
127 46.7 38.2 57.2
141 14.4 12.2 18.2

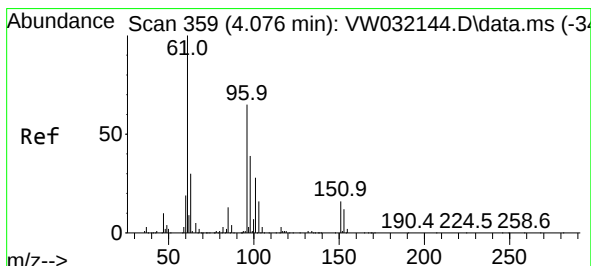
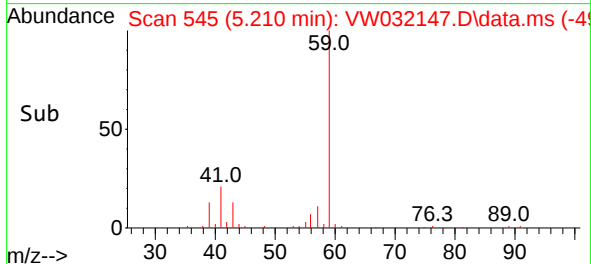
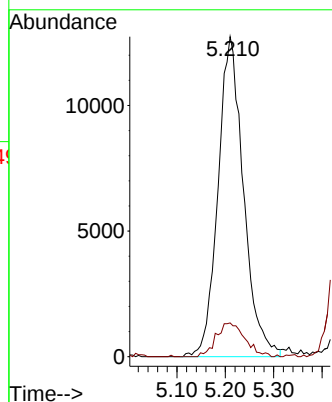
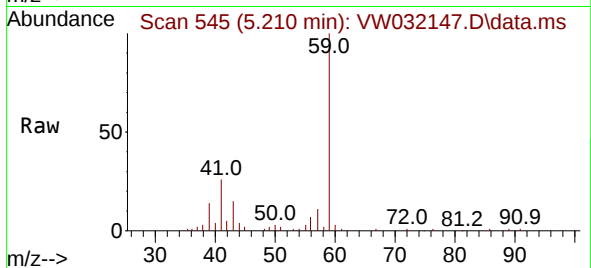




#11
Tert butyl alcohol
Concen: 221.456 ug/l
RT: 5.210 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

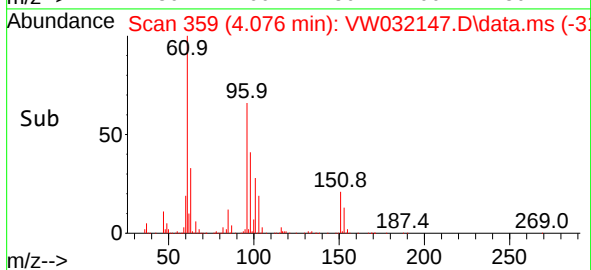
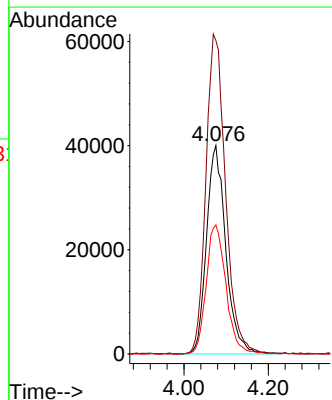
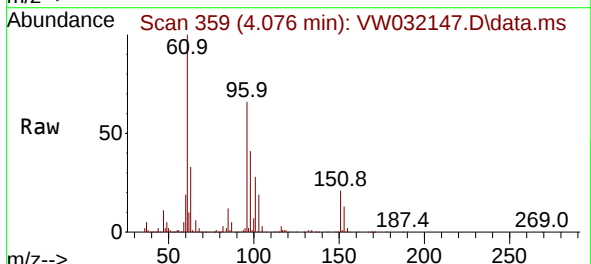
Instrument :
MSVOA_W
ClientSampleId :
BFB

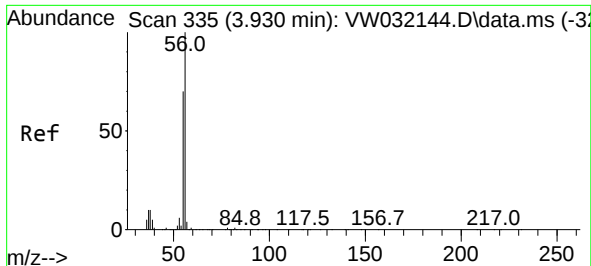
Tgt Ion: 59 Resp: 46696
Ion Ratio Lower Upper
59 100
57 11.9 9.8 14.6



#12
1,1-Dichloroethene
Concen: 50.010 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 96 Resp: 127403
Ion Ratio Lower Upper
96 100
61 150.2 123.0 184.4
98 61.9 48.5 72.7

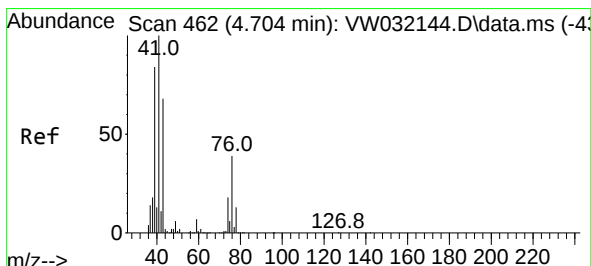
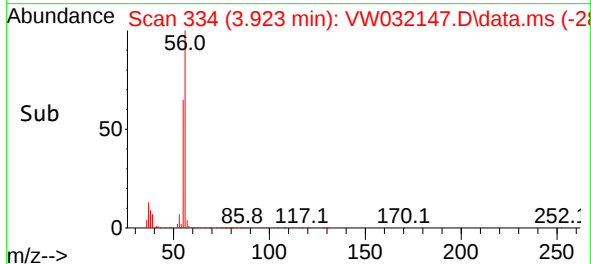
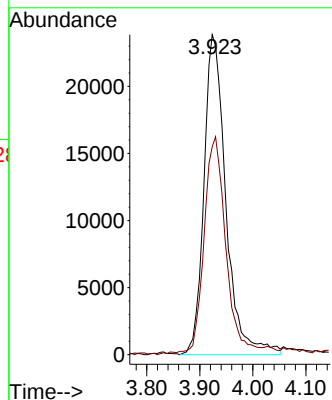
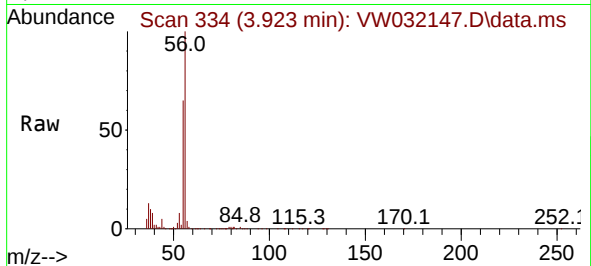




#13
Acrolein
Concen: 211.532 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

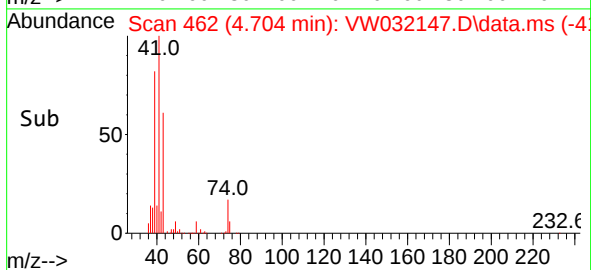
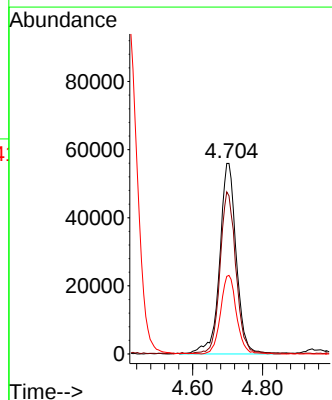
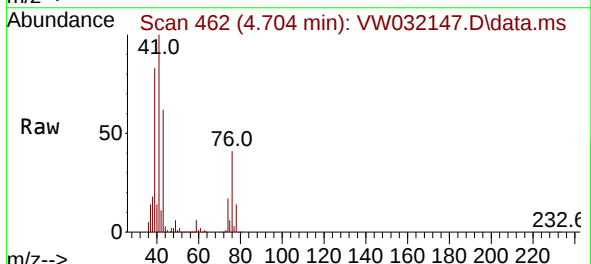
Instrument :
MSVOA_W
ClientSampleId :
BFB

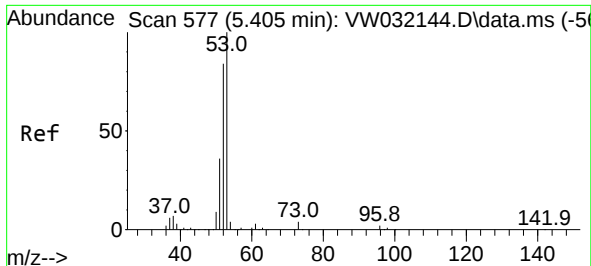
Tgt Ion: 56 Resp: 68563
Ion Ratio Lower Upper
56 100
55 67.9 56.4 84.6



#14
Allyl chloride
Concen: 51.063 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 41 Resp: 184779
Ion Ratio Lower Upper
41 100
39 80.2 64.1 96.1
76 39.3 31.4 47.2

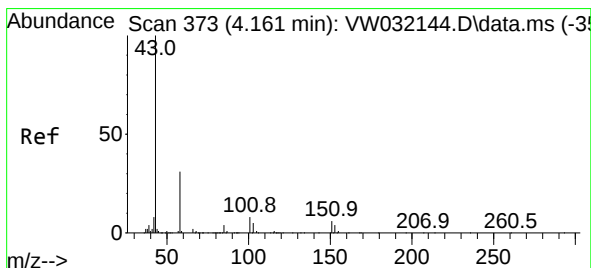
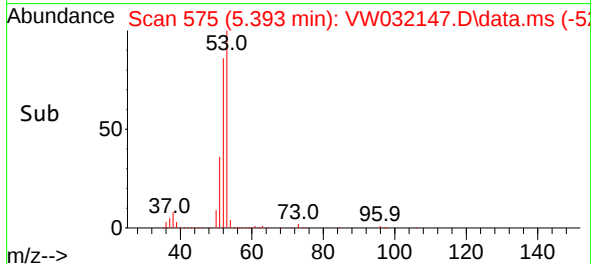
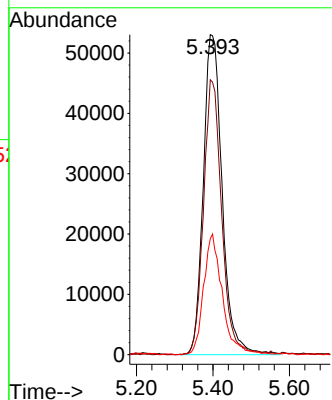
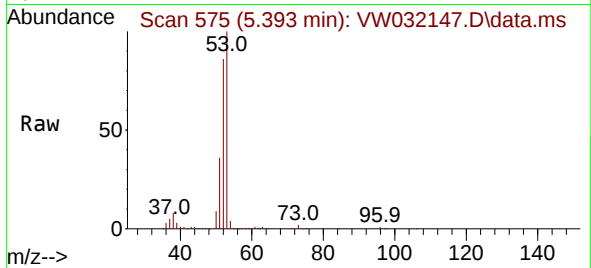




#15
Acrylonitrile
Concen: 233.347 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

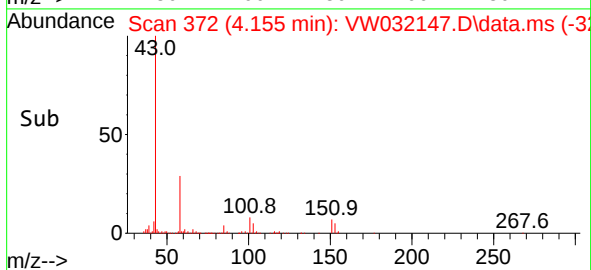
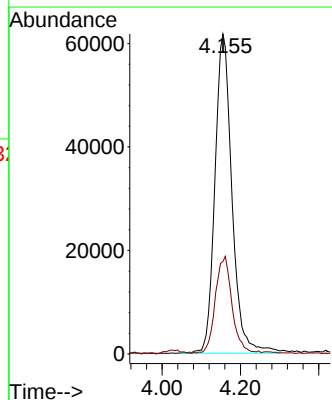
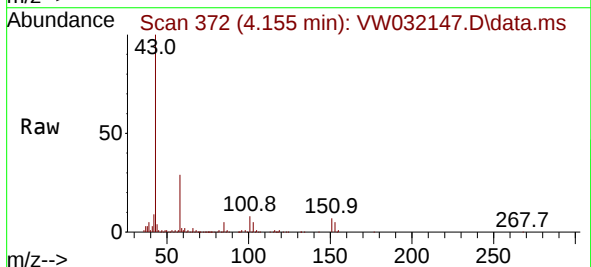
Instrument :
MSVOA_W
ClientSampleId :
BFB

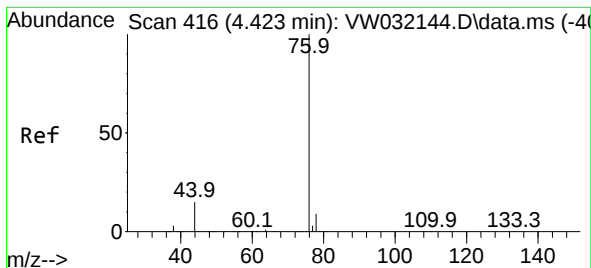
Tgt Ion: 53 Resp: 181801
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.2
51 37.6 30.3 45.5



#16
Acetone
Concen: 249.276 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 43 Resp: 186103
Ion Ratio Lower Upper
43 100
58 28.6 25.3 37.9





#17

Carbon Disulfide

Concen: 51.263 ug/l

RT: 4.417 min Scan# 41

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

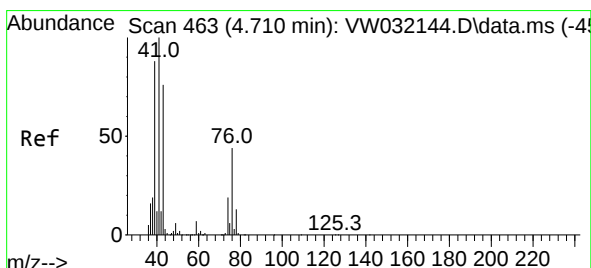
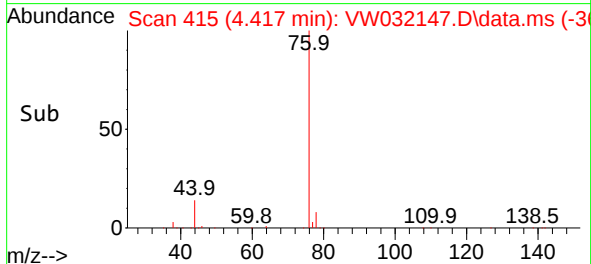
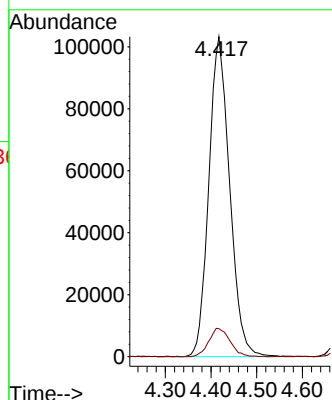
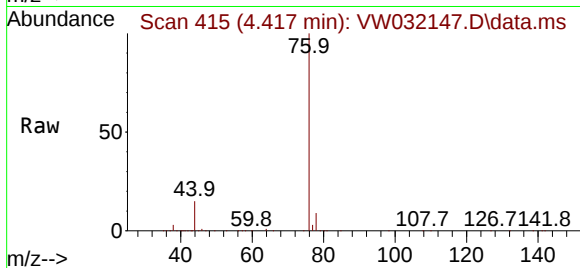
BFB

Tgt Ion: 76 Resp: 326632

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 45.759 ug/l

RT: 4.704 min Scan# 462

Delta R.T. -0.006 min

Lab File: VW032147.D

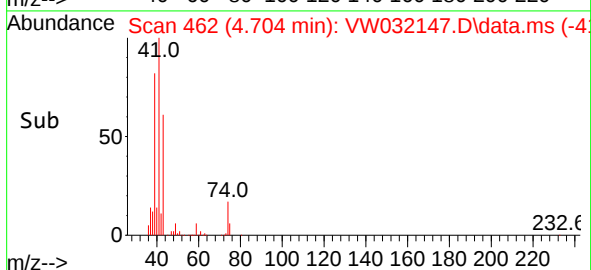
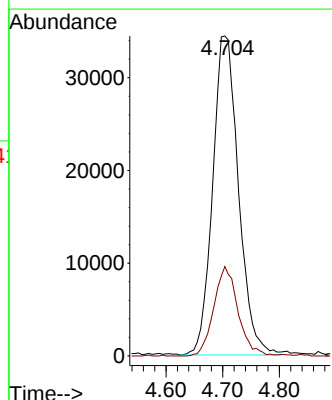
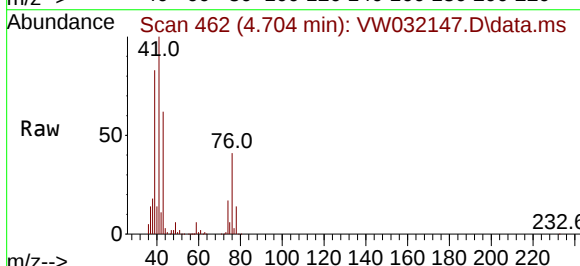
Acq: 28 Aug 2025 10:01

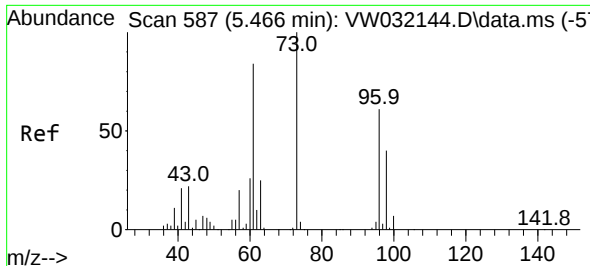
Tgt Ion: 43 Resp: 108848

Ion Ratio Lower Upper

43 100

74 26.3 20.2 30.4

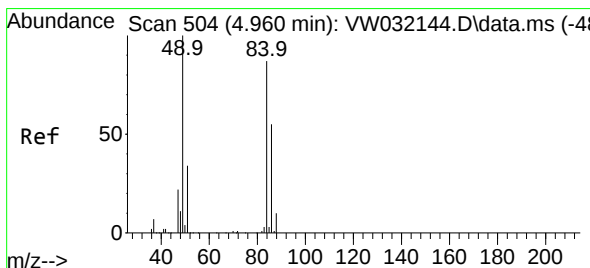
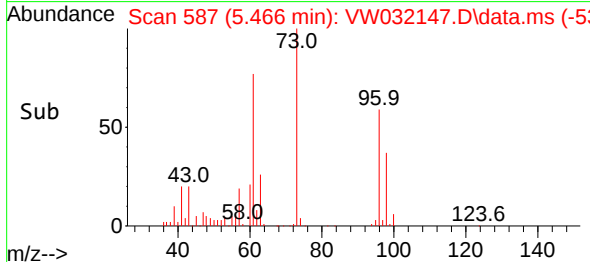
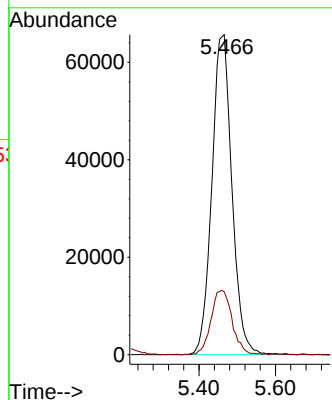
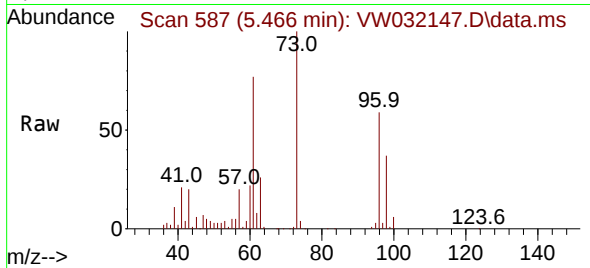




#19
Methyl tert-butyl Ether
Concen: 49.744 ug/l
RT: 5.466 min Scan# 501
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

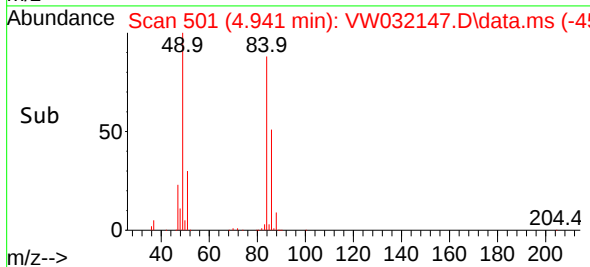
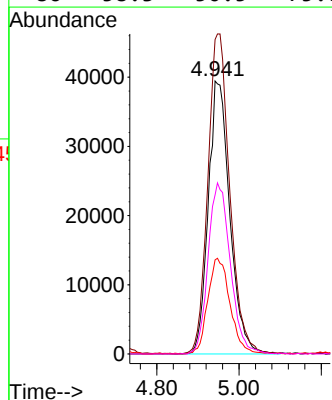
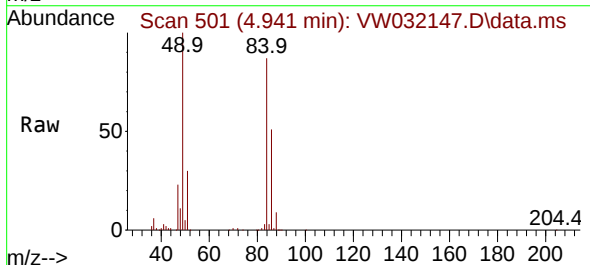
Instrument :
MSVOA_W
ClientSampleId :
BFB

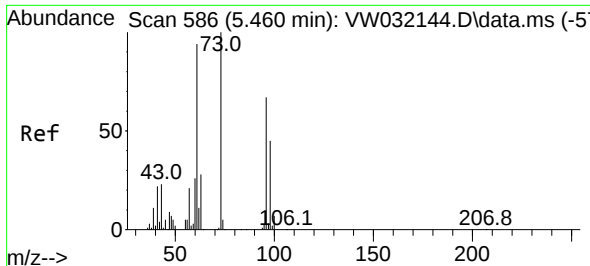
Tgt Ion: 73 Resp: 239300
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.4



#20
Methylene Chloride
Concen: 46.725 ug/l
RT: 4.941 min Scan# 501
Delta R.T. -0.019 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 84 Resp: 143831
Ion Ratio Lower Upper
84 100
49 114.9 92.2 138.4
51 34.5 31.0 46.6
86 58.3 50.5 75.7

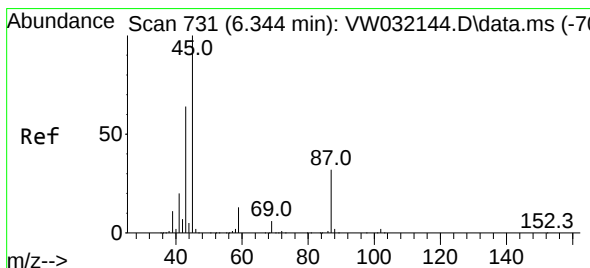
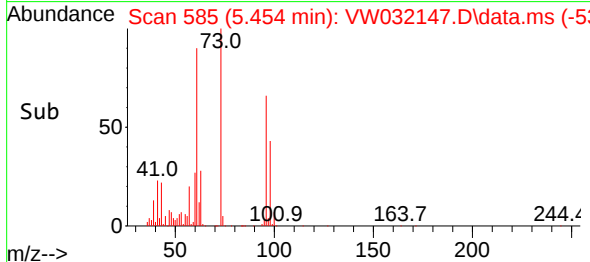
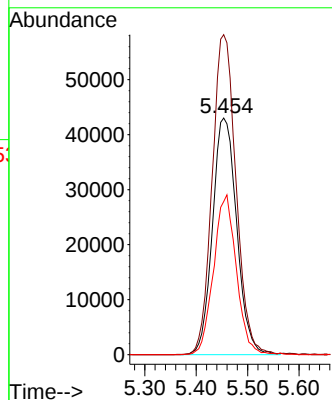
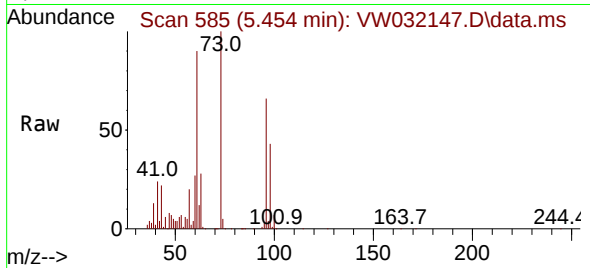




#21
trans-1,2-Dichloroethene
Concen: 49.488 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

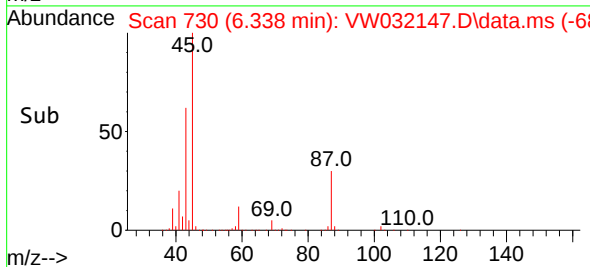
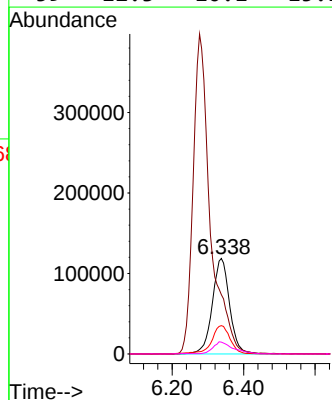
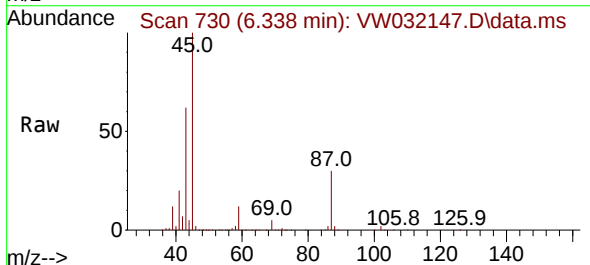
Instrument :
MSVOA_W
ClientSampleId :
BFB

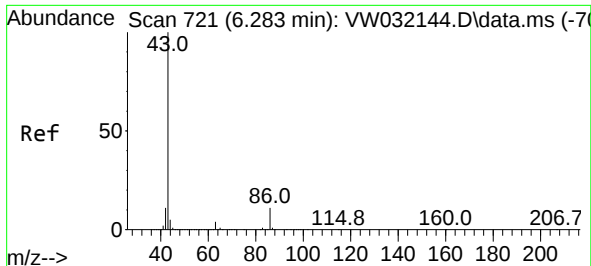
Tgt Ion: 96 Resp: 140838
Ion Ratio Lower Upper
96 100
61 135.1 112.5 168.7
98 64.7 54.2 81.4



#22
Diisopropyl ether
Concen: 50.514 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 45 Resp: 397838
Ion Ratio Lower Upper
45 100
43 61.6 51.4 77.2
87 29.6 25.9 38.9
59 12.3 10.1 15.1

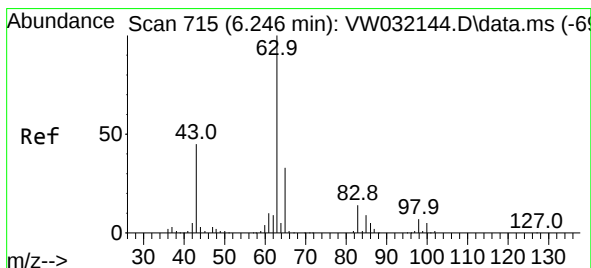
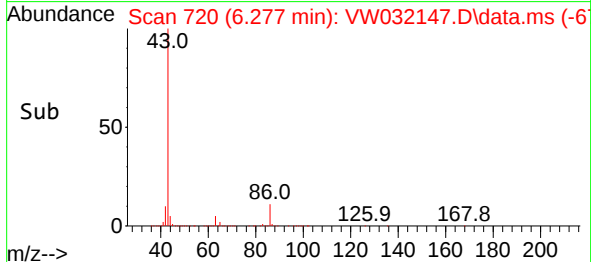
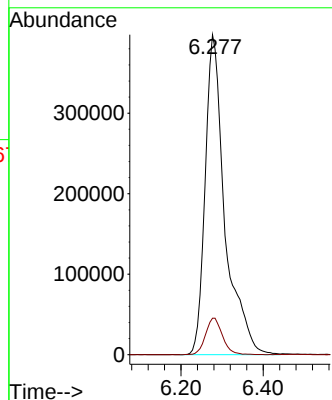
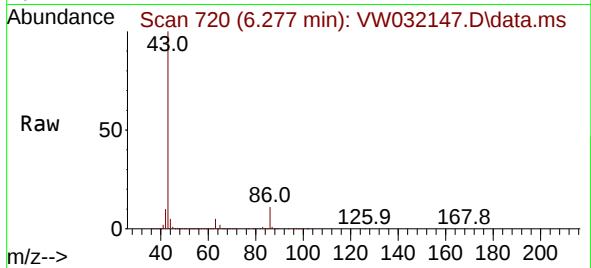




#23
 Vinyl Acetate
 Concen: 247.817 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

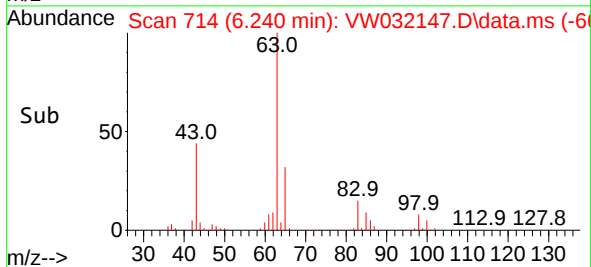
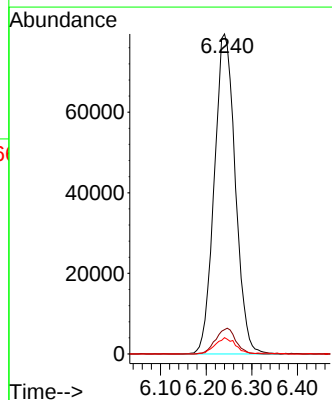
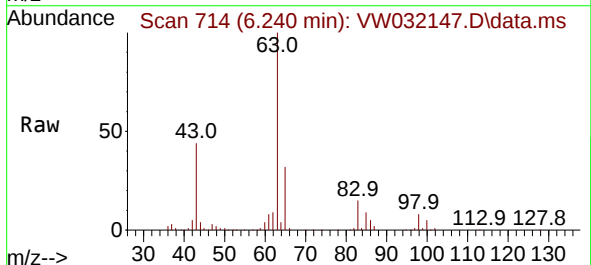
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

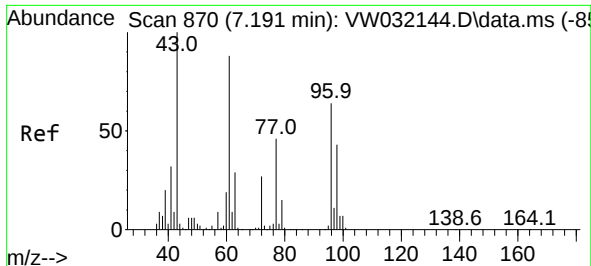
Tgt Ion: 43 Resp: 1326976
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 49.184 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

Tgt Ion: 63 Resp: 253593
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 5.1 2.5 7.5

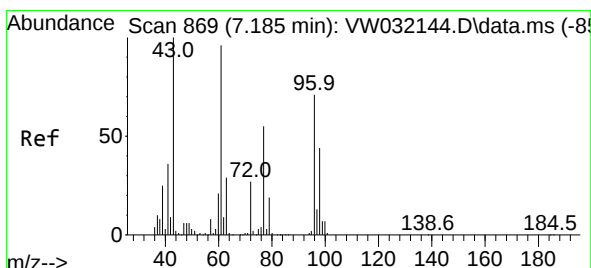
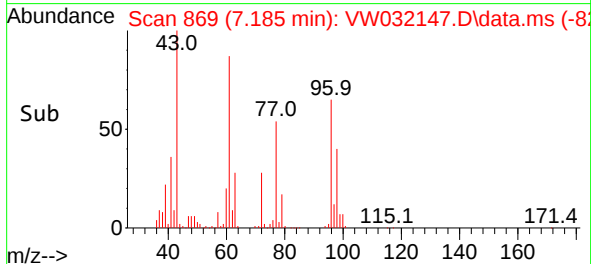
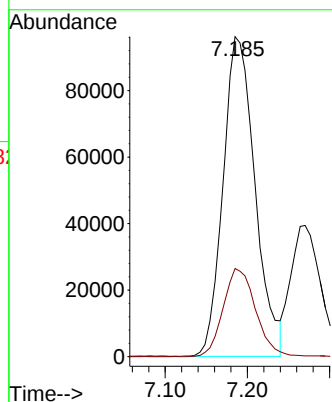
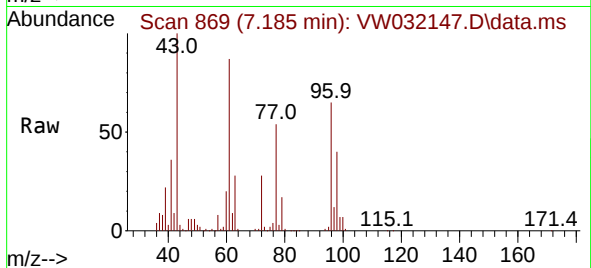




#25
2-Butanone
Concen: 245.940 ug/l
RT: 7.185 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

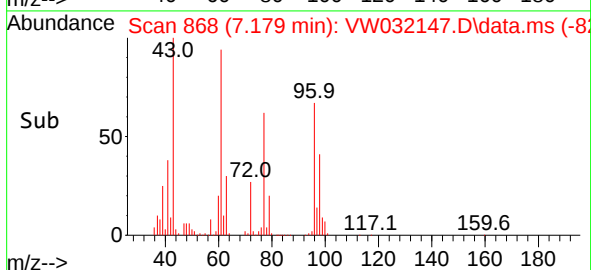
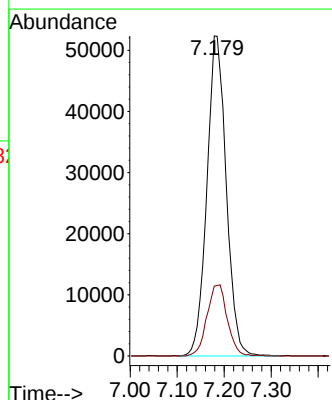
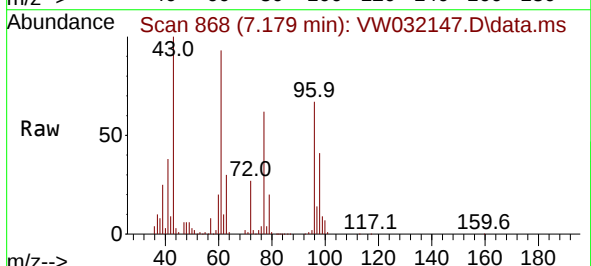
Instrument :
MSVOA_W
ClientSampleId :
BFB

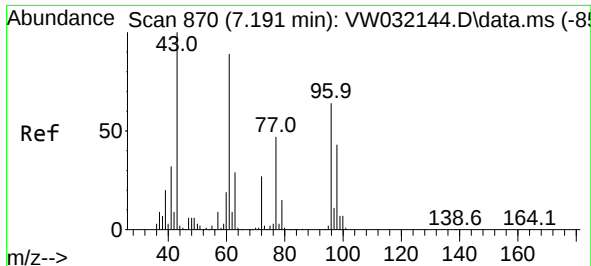
Tgt Ion: 43 Resp: 260184
Ion Ratio Lower Upper
43 100
72 27.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 54.728 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 77 Resp: 149431
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.162 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

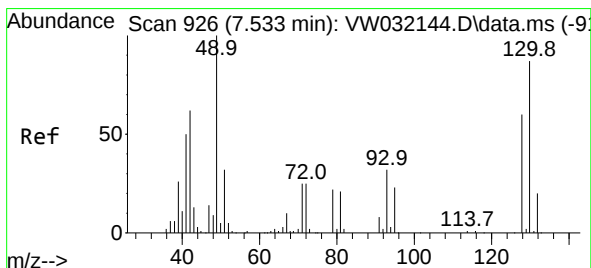
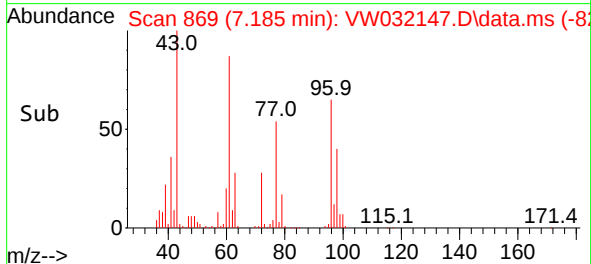
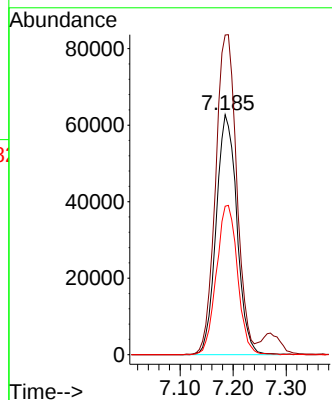
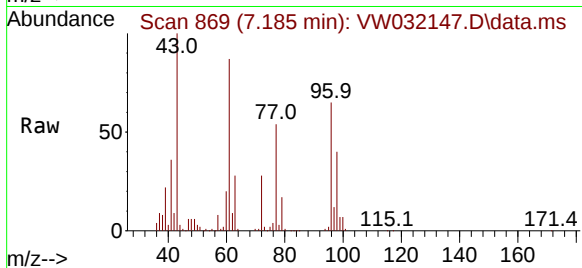
Tgt Ion: 96 Resp: 170250

Ion Ratio Lower Upper

96 100

61 136.1 0.0 268.0

98 63.4 0.0 130.8



#28

Bromochloromethane

Concen: 44.259 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

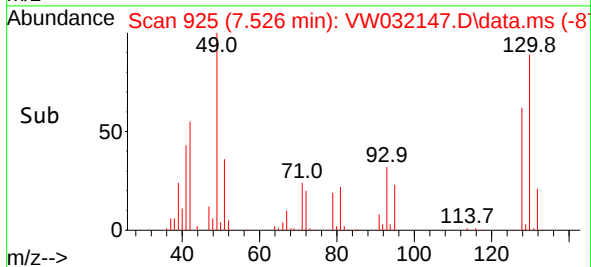
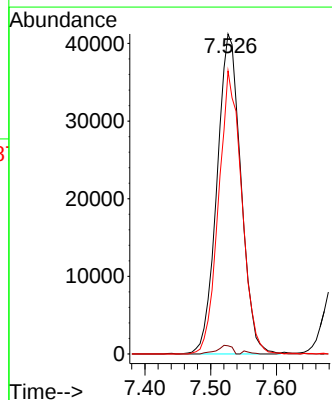
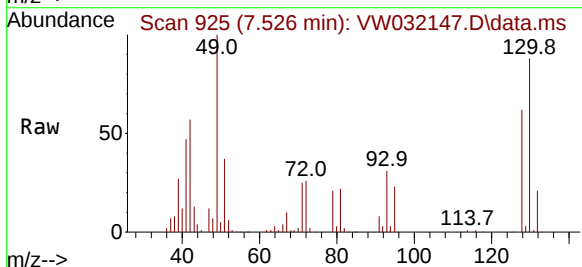
Tgt Ion: 49 Resp: 104463

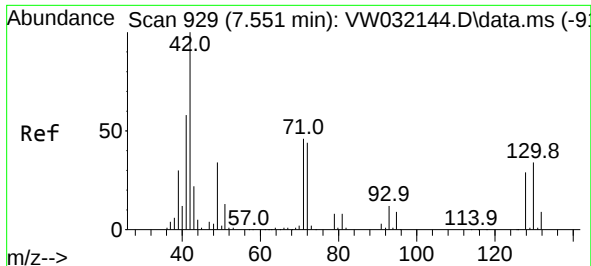
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.2

130 85.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 232.297 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

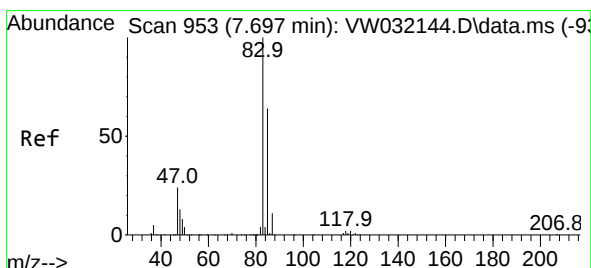
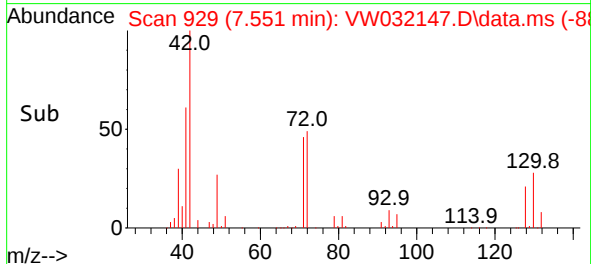
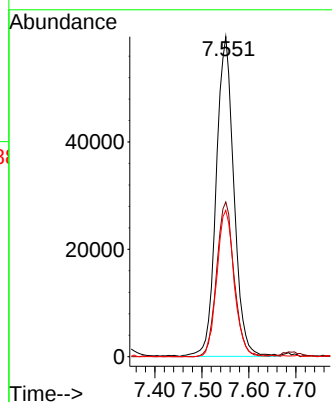
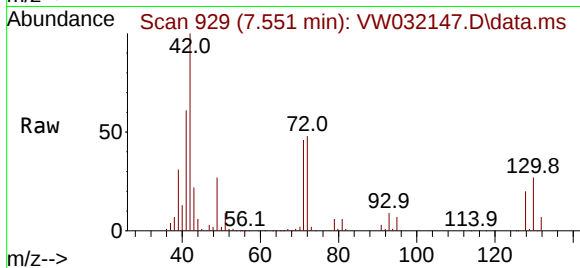
Tgt Ion: 42 Resp: 156166

Ion Ratio Lower Upper

42 100

72 47.9 37.4 56.2

71 45.0 36.0 54.0



#30

Chloroform

Concen: 48.299 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032147.D

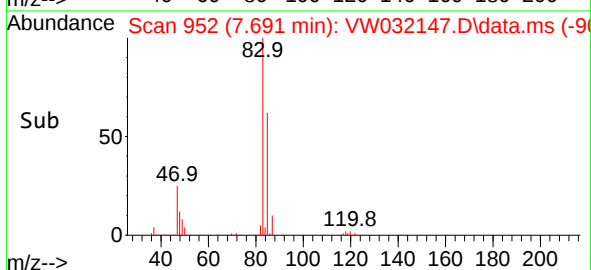
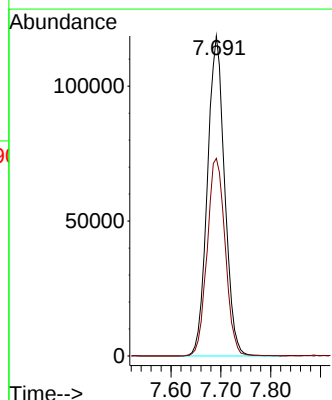
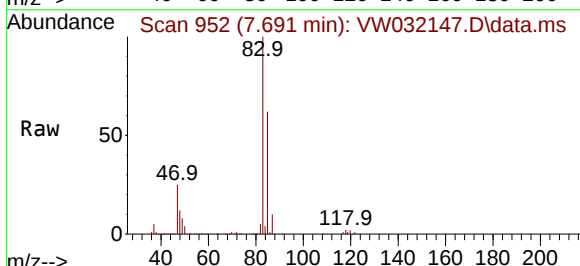
Acq: 28 Aug 2025 10:01

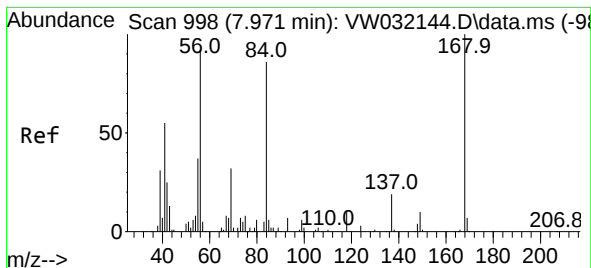
Tgt Ion: 83 Resp: 284328

Ion Ratio Lower Upper

83 100

85 61.8 51.2 76.8

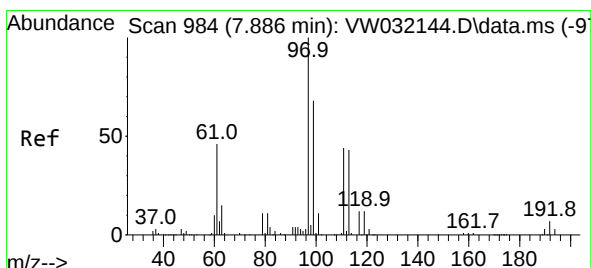
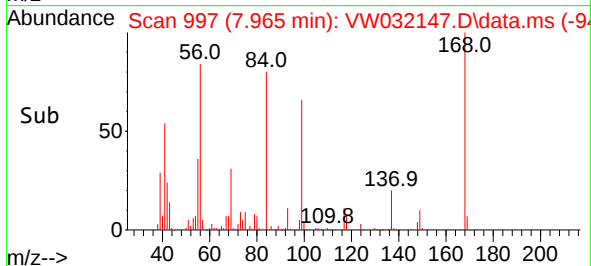
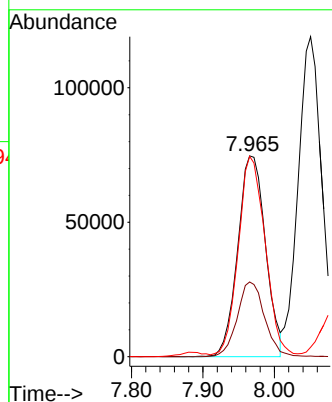
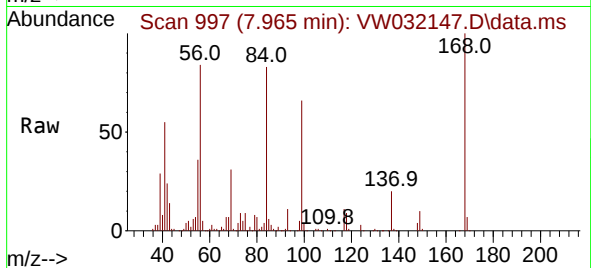




#31
Cyclohexane
Concen: 47.497 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

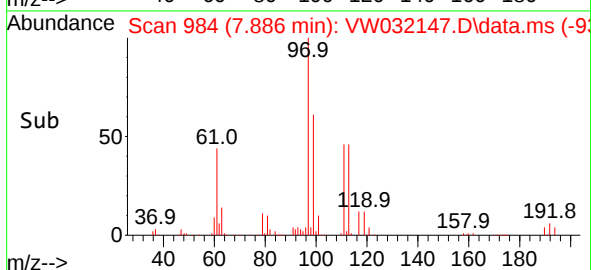
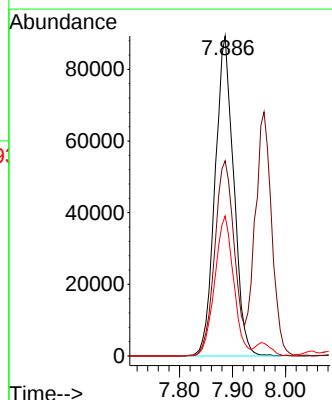
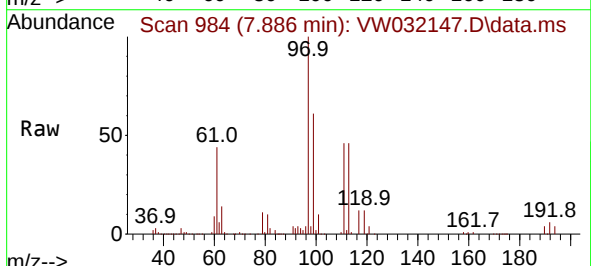
Instrument :
MSVOA_W
ClientSampleId :
BFB

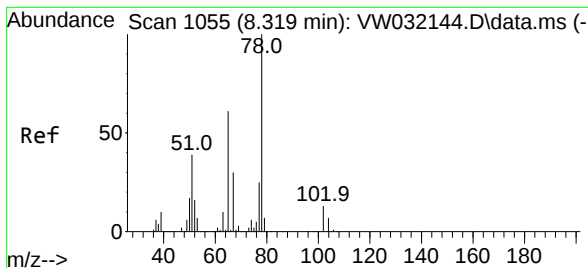
Tgt Ion: 56 Resp: 201006
Ion Ratio Lower Upper
56 100
69 37.2 27.7 41.5
84 98.7 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 50.824 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 97 Resp: 218408
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 44.4 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 43.142 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

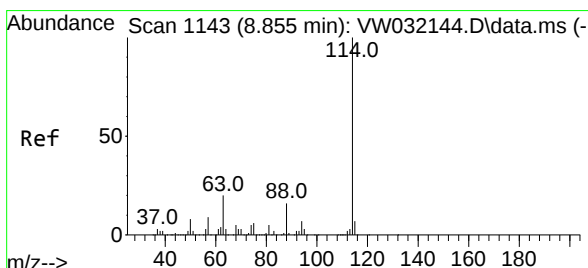
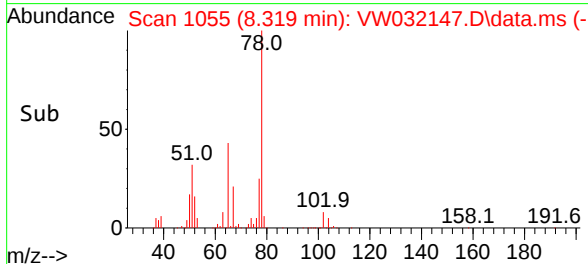
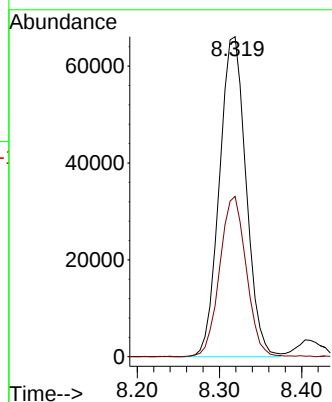
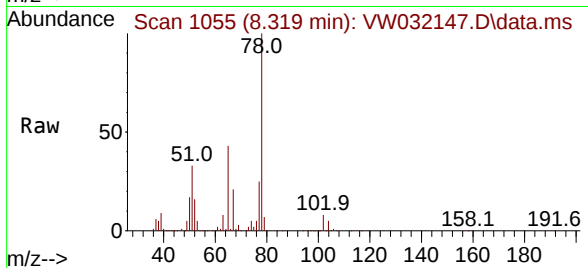
BFB

Tgt Ion: 65 Resp: 148721

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

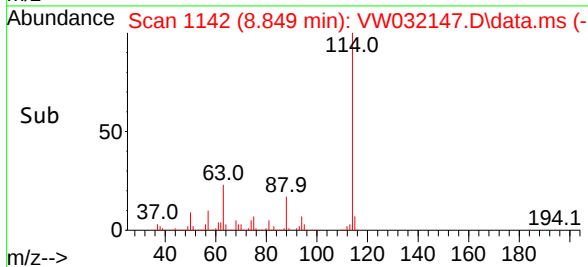
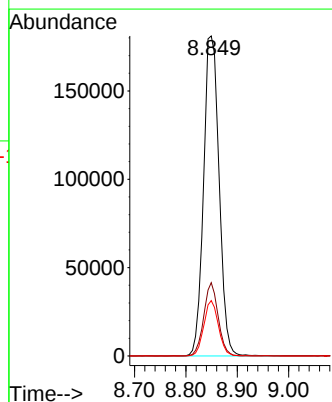
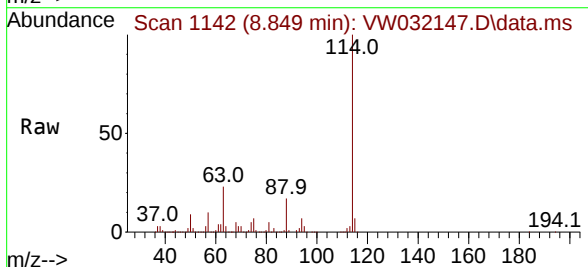
Tgt Ion: 114 Resp: 380644

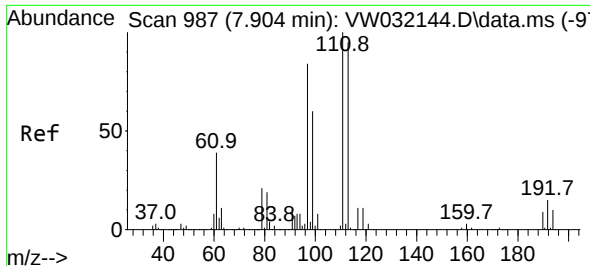
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.4

88 17.3 0.0 32.0

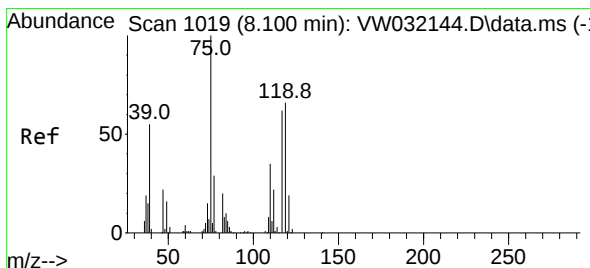
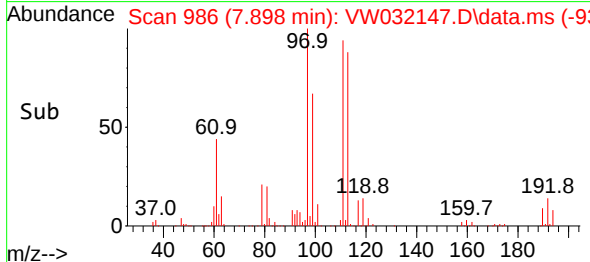
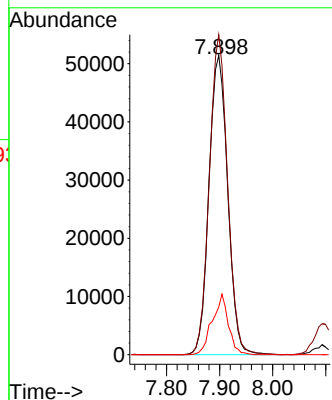
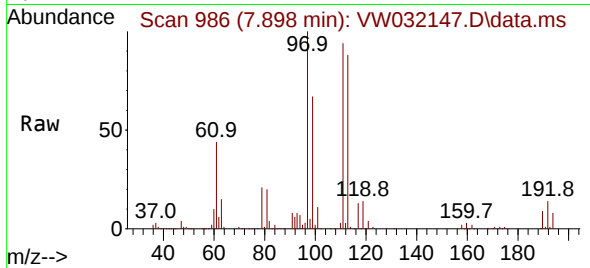




#35
 Dibromofluoromethane
 Concen: 47.247 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

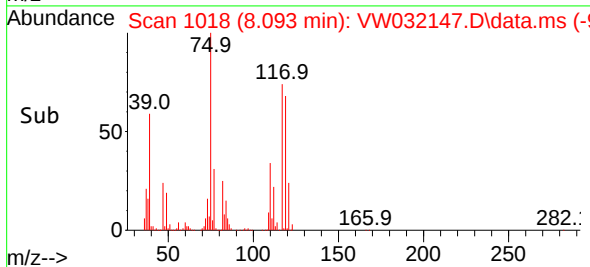
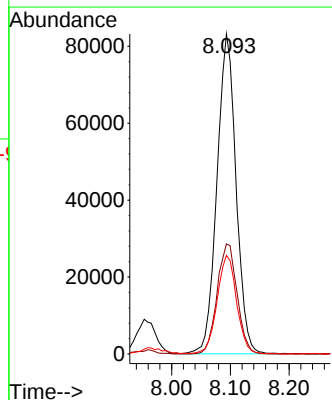
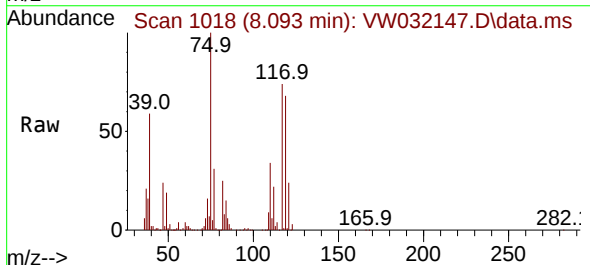
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

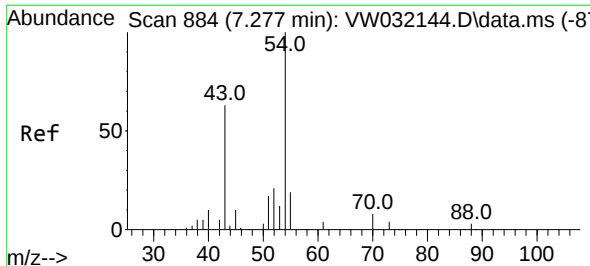
Tgt Ion:113 Resp: 126177
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.9 125.9
 192 17.4 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 54.221 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

Tgt Ion: 75 Resp: 187746
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.5 52.5
 77 31.2 24.1 36.1

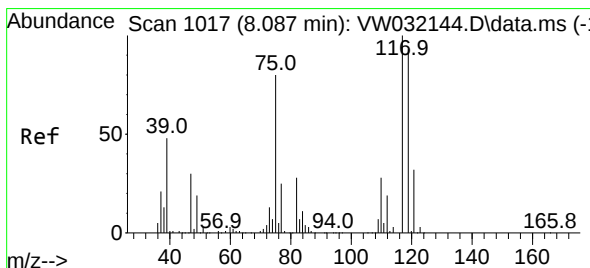
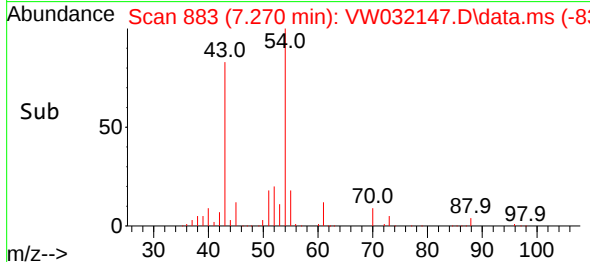
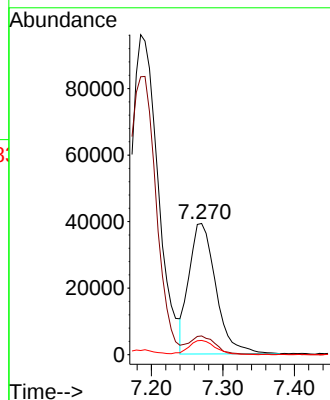
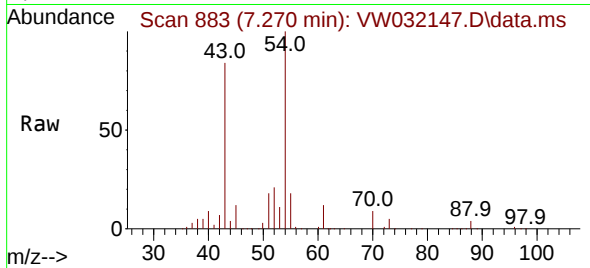




#37
Ethyl Acetate
Concen: 49.234 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

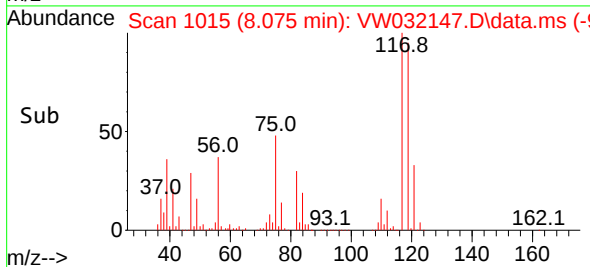
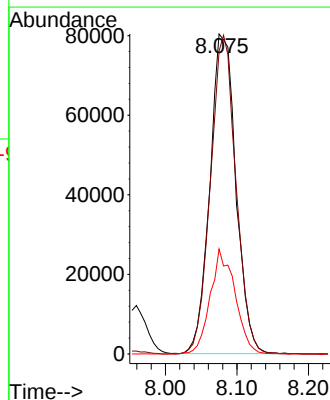
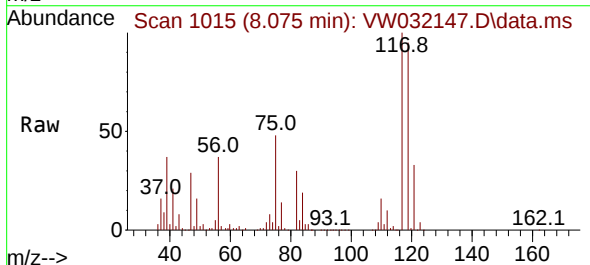
Instrument :
MSVOA_W
ClientSampleId :
BFB

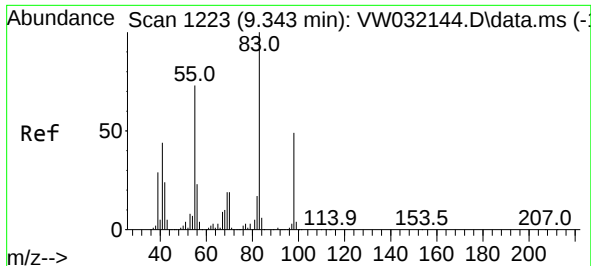
Tgt Ion: 43 Resp: 102269
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 54.613 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.012 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 117 Resp: 202722
Ion Ratio Lower Upper
117 100
119 94.6 74.2 111.2
121 32.8 25.6 38.4





#39

Methylcyclohexane

Concen: 56.802 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

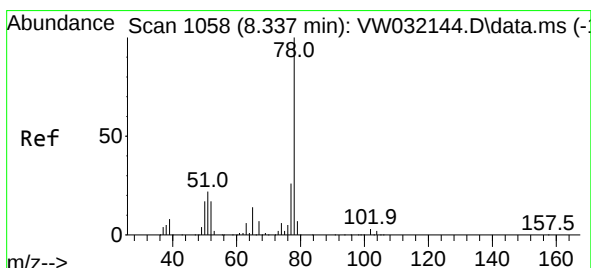
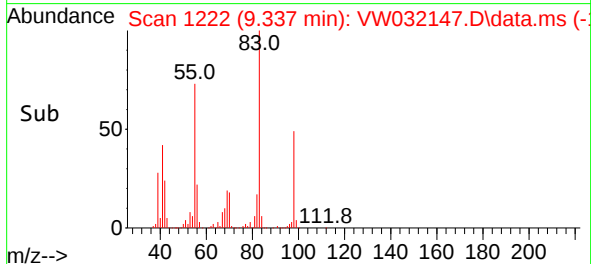
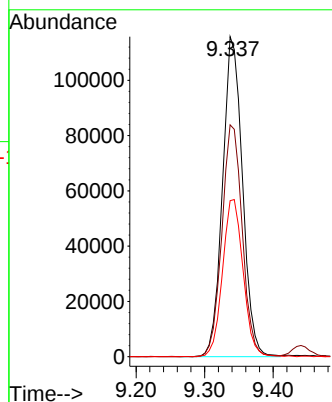
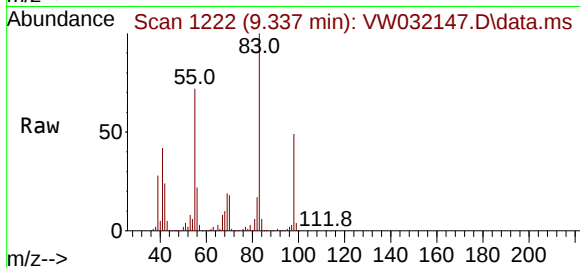
Tgt Ion: 83 Resp: 232961

Ion Ratio Lower Upper

83 100

55 72.5 58.4 87.6

98 48.7 39.4 59.2



#40

Benzene

Concen: 52.327 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032147.D

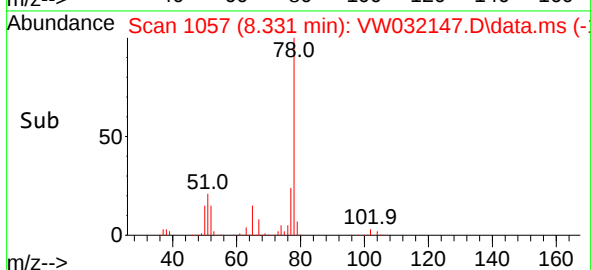
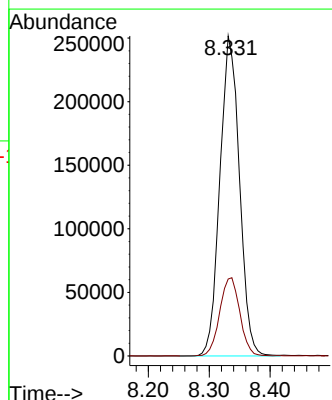
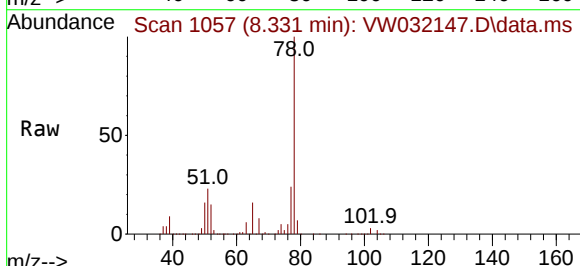
Acq: 28 Aug 2025 10:01

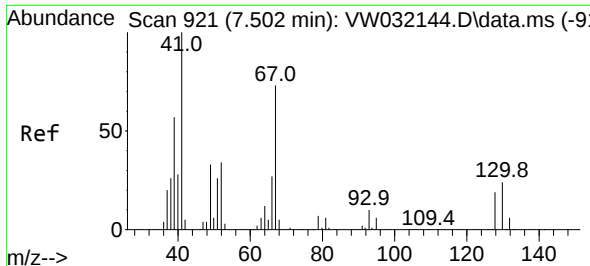
Tgt Ion: 78 Resp: 560070

Ion Ratio Lower Upper

78 100

77 24.0 20.7 31.1

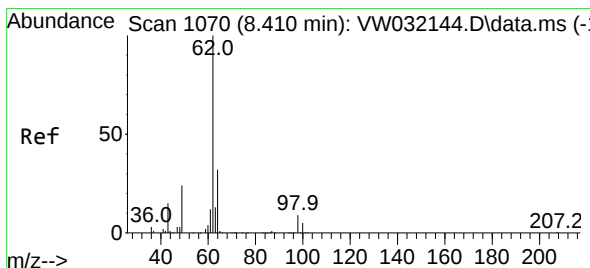
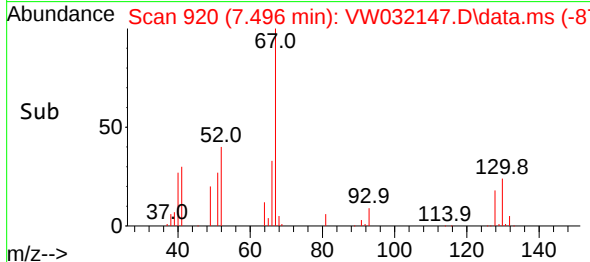
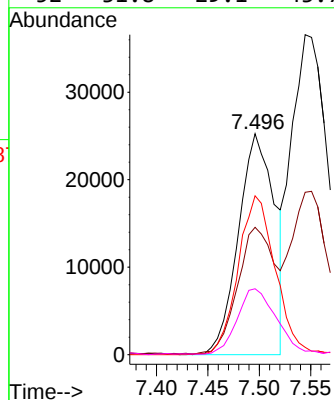
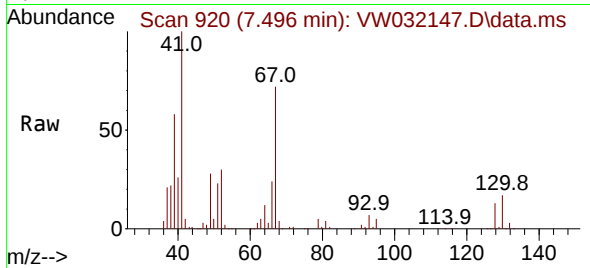




#41
Methacrylonitrile
Concen: 53.772 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

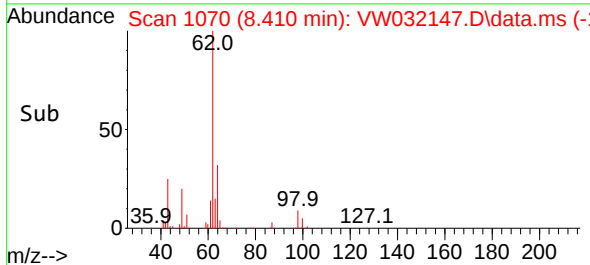
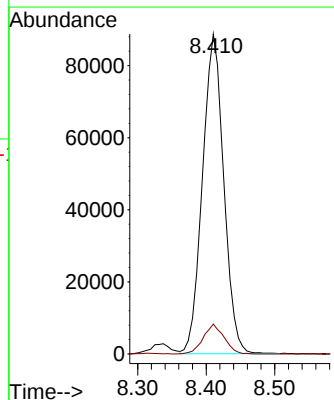
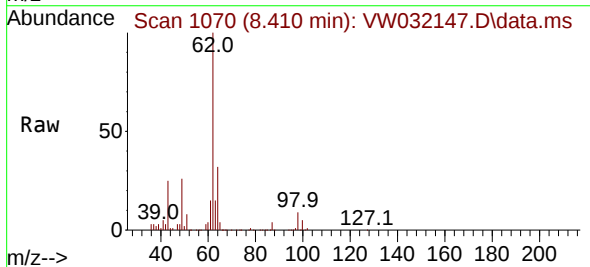
Instrument :
MSVOA_W
ClientSampleId :
BFB

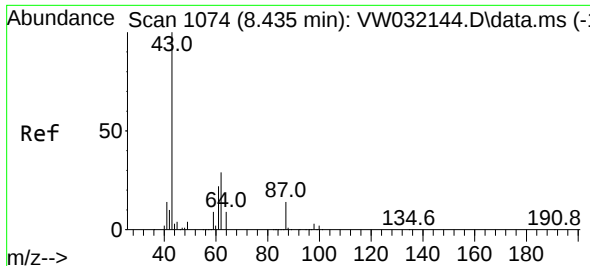
Tgt Ion: 41	Resp: 62055
Ion Ratio	Lower Upper
41 100	
39 59.7	50.9 76.3
67 74.3	65.6 98.4
52 31.8	29.1 43.7



#42
1,2-Dichloroethane
Concen: 51.682 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 62	Resp: 191765
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.0

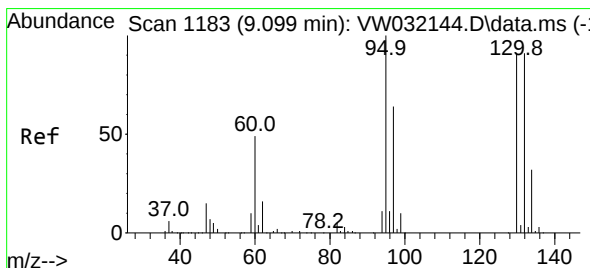
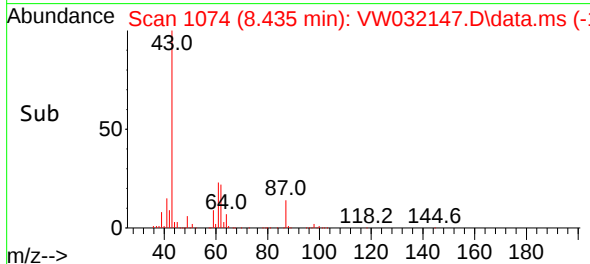
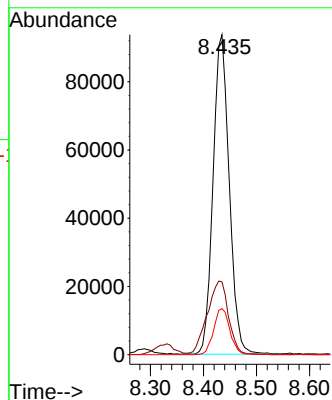
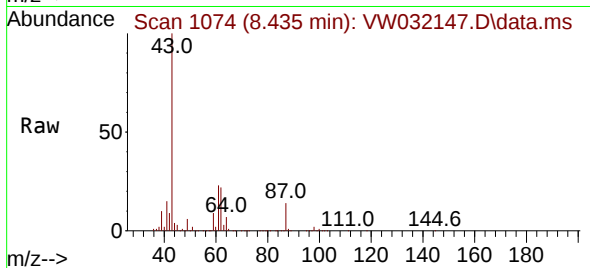




#43
Isopropyl Acetate
Concen: 50.953 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

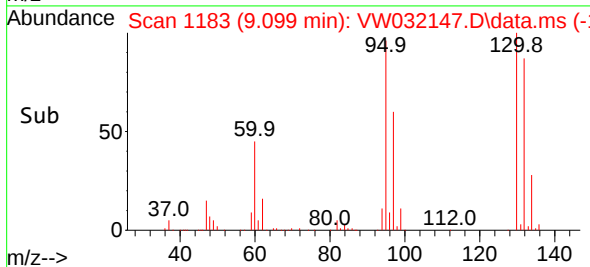
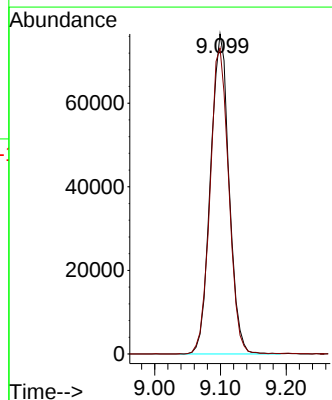
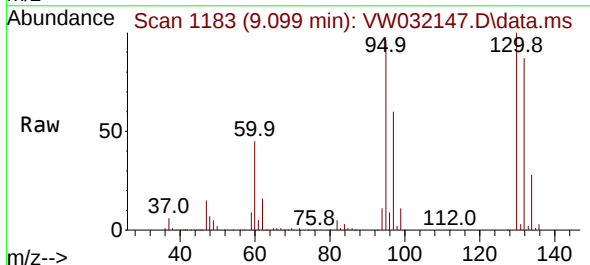
Instrument :
MSVOA_W
ClientSampleId :
BFB

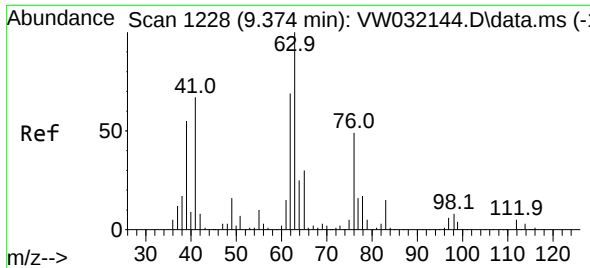
Tgt Ion: 43 Resp: 198554
Ion Ratio Lower Upper
43 100
61 30.4 23.3 34.9
87 14.5 11.1 16.7



#44
Trichloroethene
Concen: 55.881 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion:130 Resp: 150414
Ion Ratio Lower Upper
130 100
95 95.5 0.0 220.0

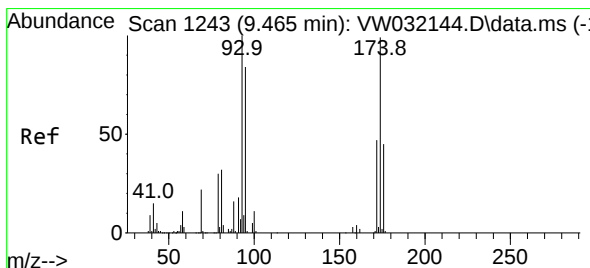
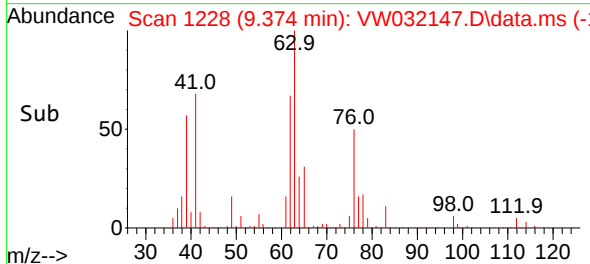
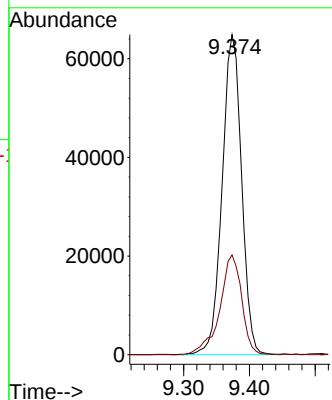
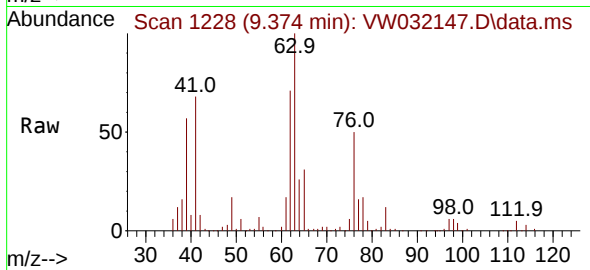




#45
1,2-Dichloropropane
Concen: 51.779 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

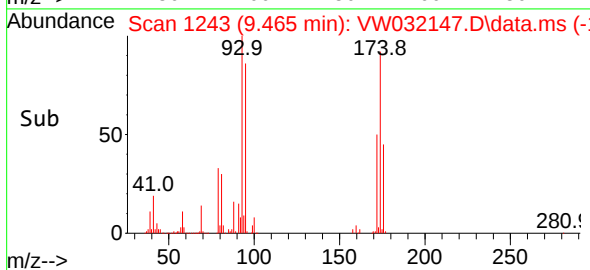
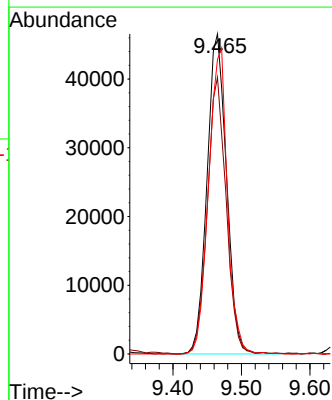
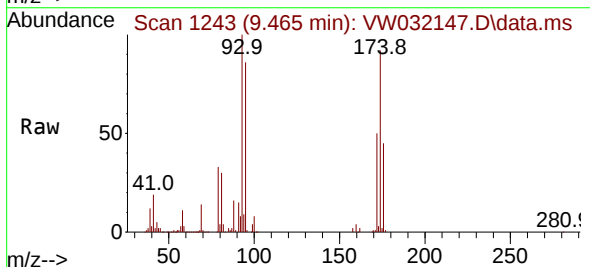
Instrument :
MSVOA_W
ClientSampleId :
BFB

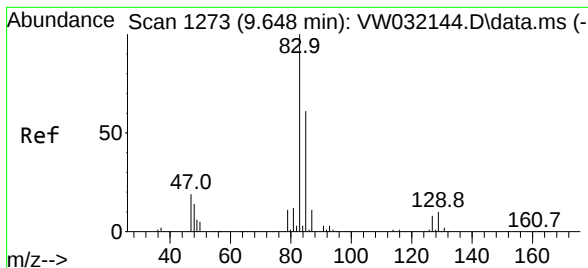
Tgt Ion: 63 Resp: 133600
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5



#46
Dibromomethane
Concen: 50.896 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 93 Resp: 92107
Ion Ratio Lower Upper
93 100
95 83.2 67.4 101.2
174 92.1 75.7 113.5





#47

Bromodichloromethane

Concen: 53.910 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

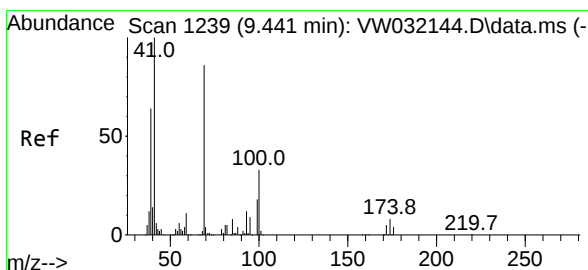
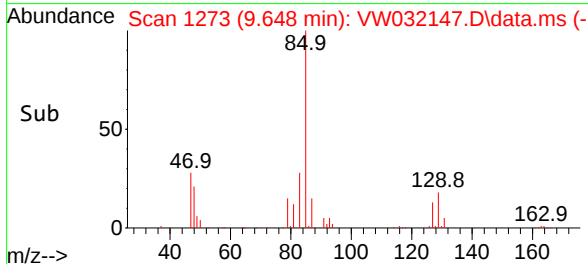
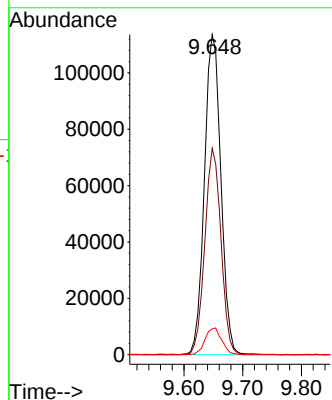
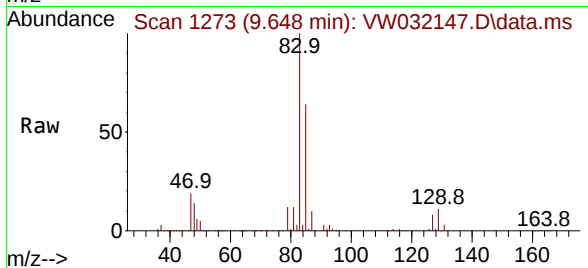
Tgt Ion: 83 Resp: 221709

Ion Ratio Lower Upper

83 100

85 64.5 48.7 73.1

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 52.214 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

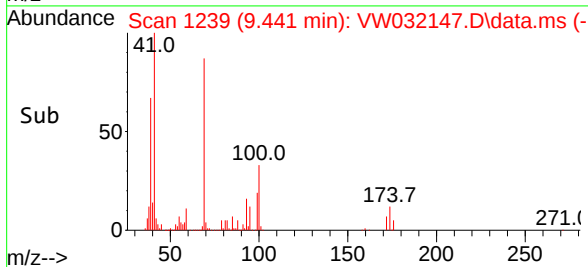
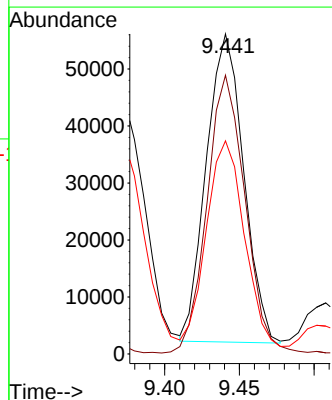
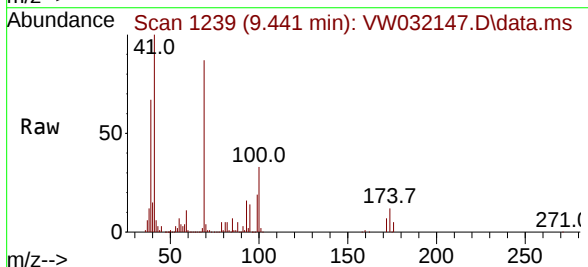
Tgt Ion: 41 Resp: 93767

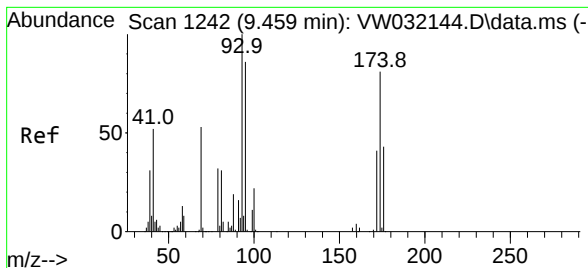
Ion Ratio Lower Upper

41 100

69 92.9 71.5 107.3

39 67.2 55.9 83.9

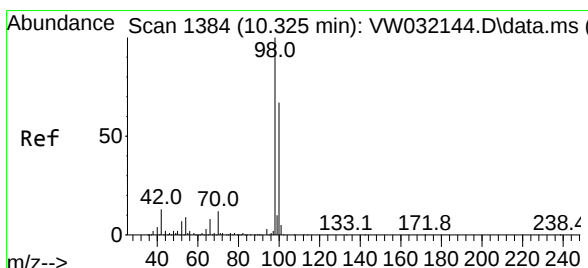
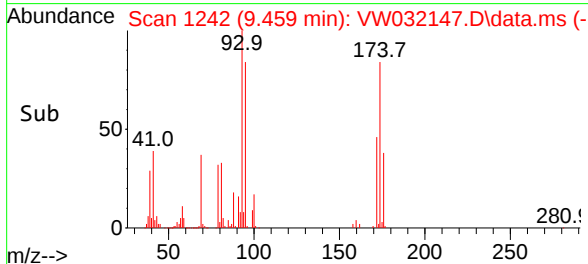
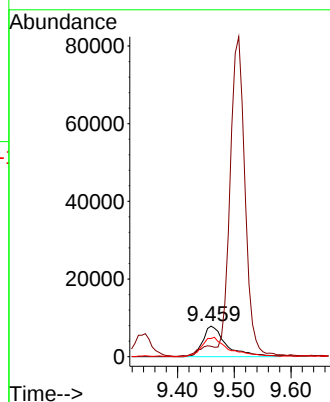
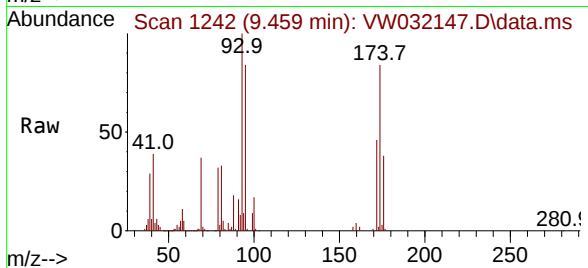




#49
 1,4-Dioxane
 Concen: 1033.587 ug/l
 RT: 9.459 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

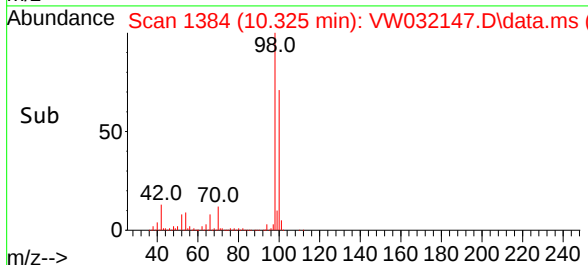
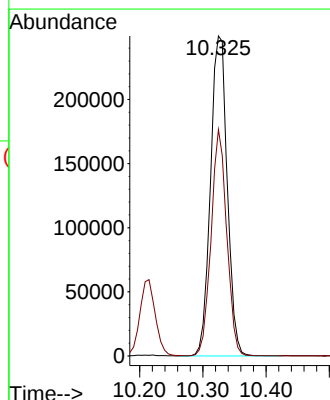
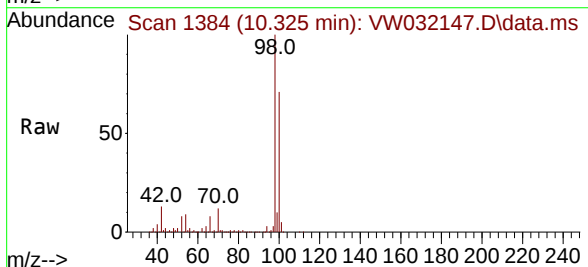
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

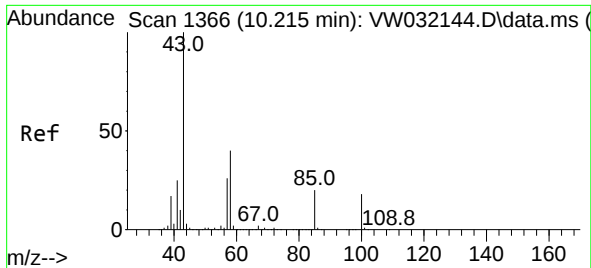
Tgt Ion: 88 Resp: 22600
 Ion Ratio Lower Upper
 88 100
 43 24.7 18.0 27.0
 58 72.5 55.4 83.0



#50
 Toluene-d8
 Concen: 48.945 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

Tgt Ion: 98 Resp: 458860
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.4 77.2

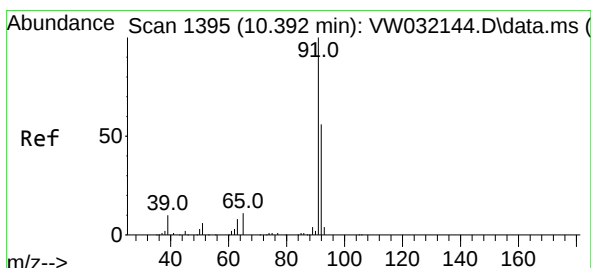
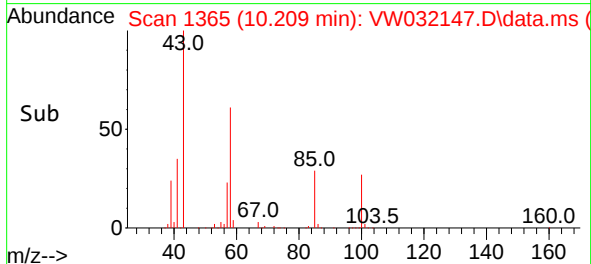
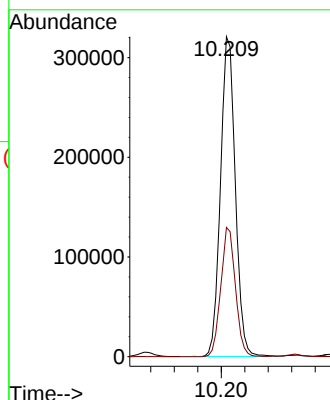
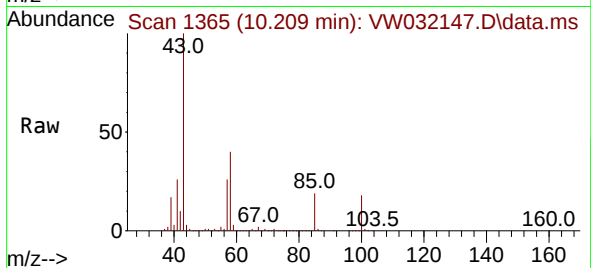




#51
4-Methyl-2-Pentanone
Concen: 255.550 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

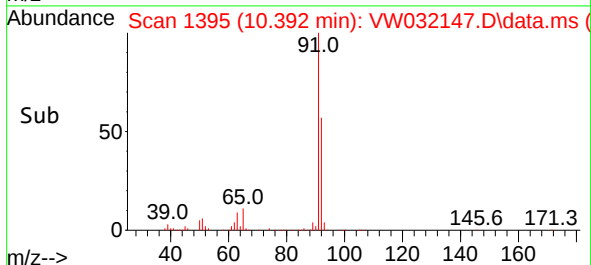
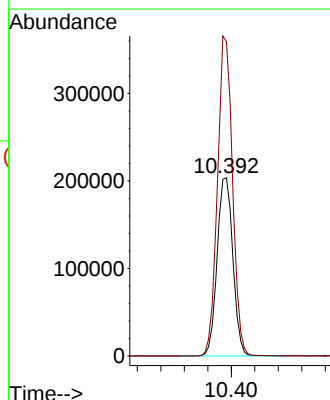
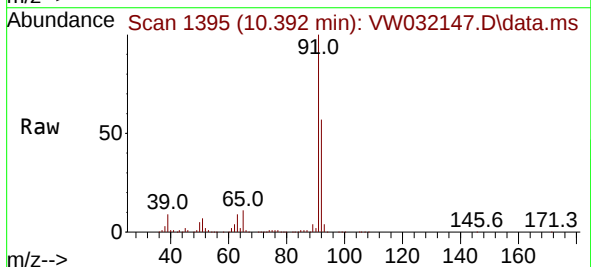
Instrument :
MSVOA_W
ClientSampleId :
BFB

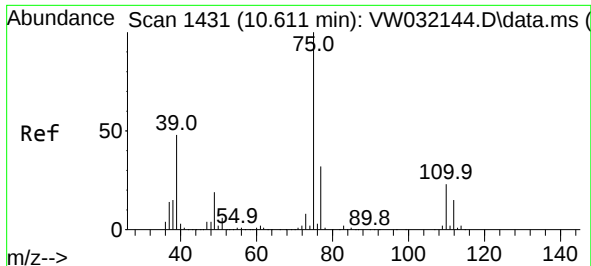
Tgt Ion: 43 Resp: 562299
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0



#52
Toluene
Concen: 54.023 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 92 Resp: 377856
Ion Ratio Lower Upper
92 100
91 172.1 137.5 206.3

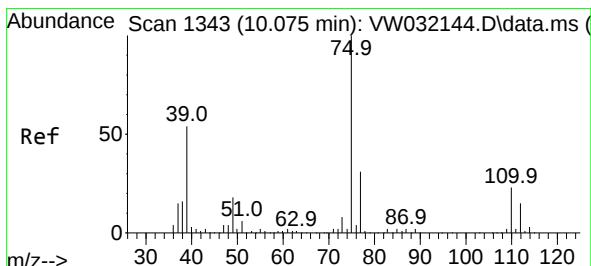
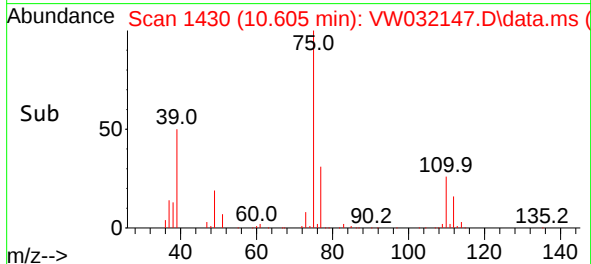
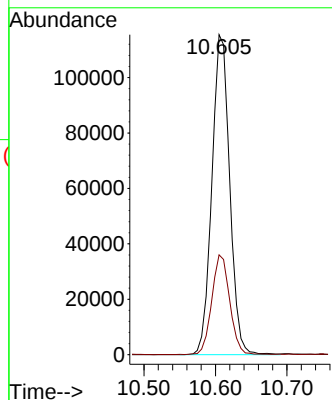
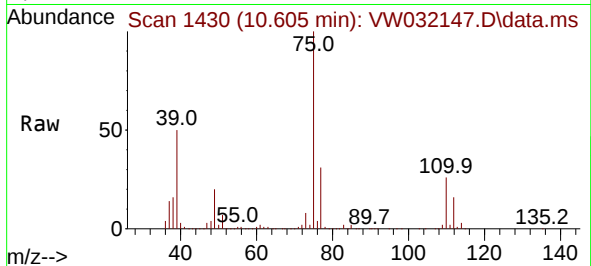




#53
 t-1,3-Dichloropropene
 Concen: 54.971 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

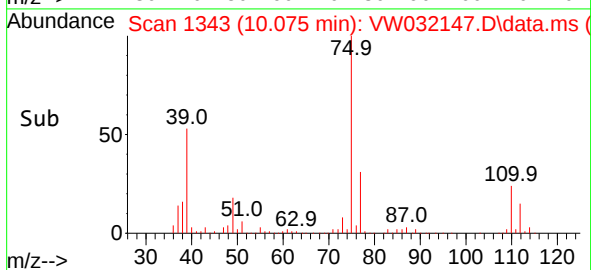
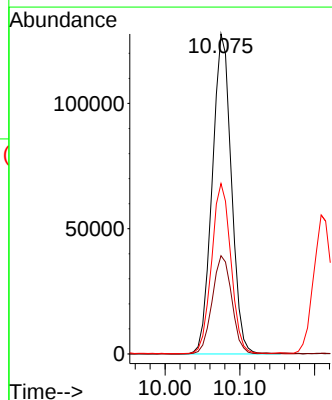
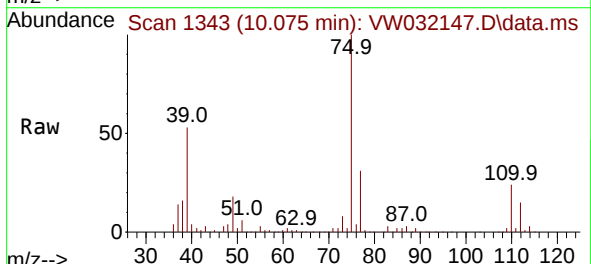
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

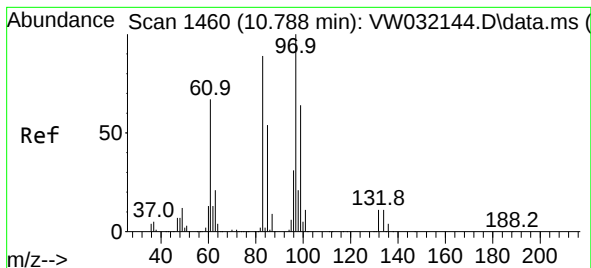
Tgt Ion: 75 Resp: 199433
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.937 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032147.D
 Acq: 28 Aug 2025 10:01

Tgt Ion: 75 Resp: 227417
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7
 39 53.1 43.2 64.8



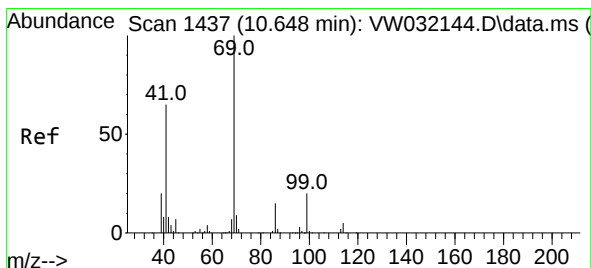
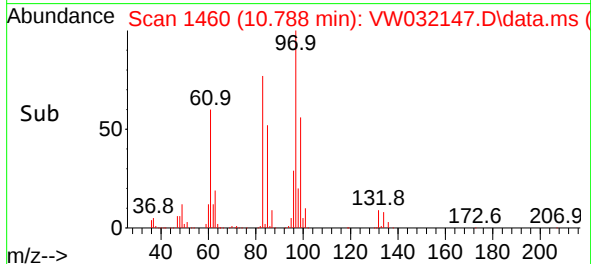
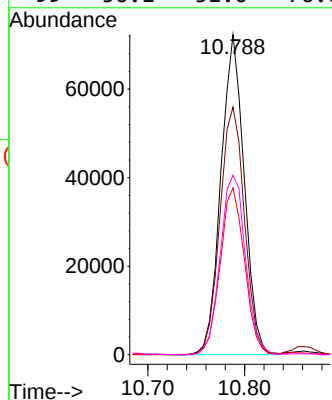
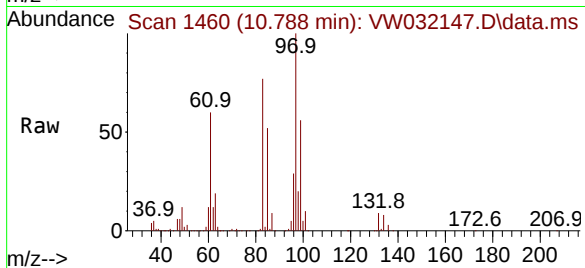


#55
1,1,2-Trichloroethane
Concen: 51.295 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion: 97 Resp: 120713

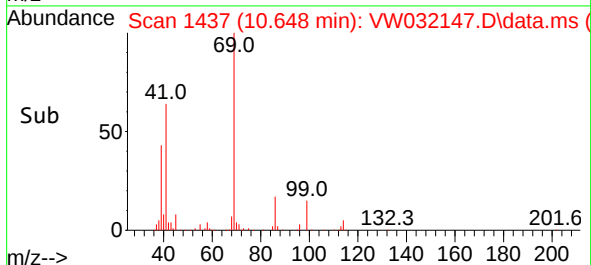
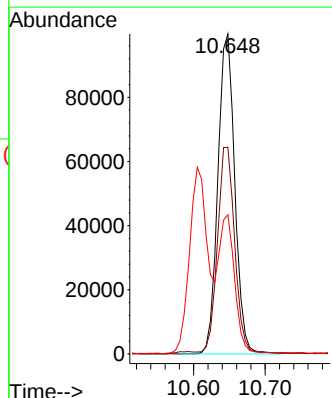
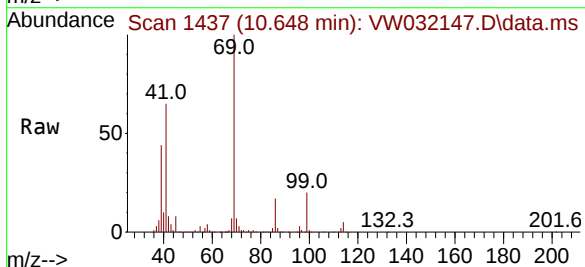
Ion	Ratio	Lower	Upper
97	100		
83	77.4	71.0	106.6
85	52.0	42.8	64.2
99	56.1	51.0	76.6

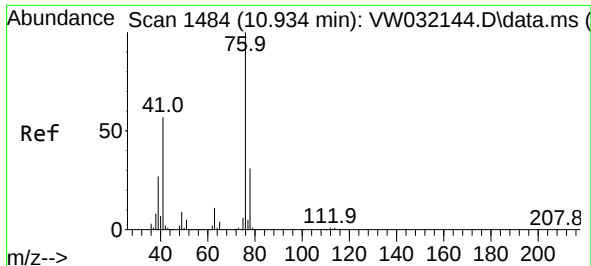


#56
Ethyl methacrylate
Concen: 54.444 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 69 Resp: 163800

Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.2	79.8
39	39.3	32.9	49.3





#57

1,3-Dichloropropane

Concen: 50.925 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

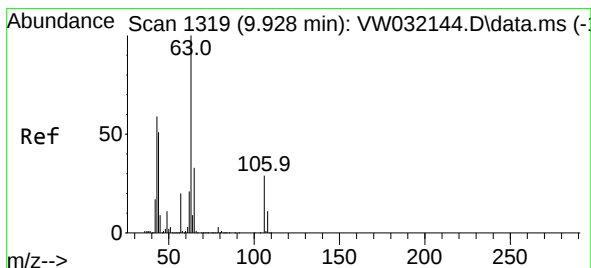
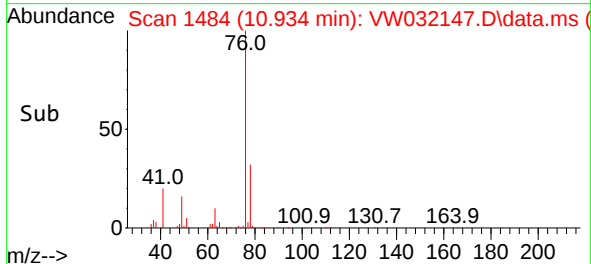
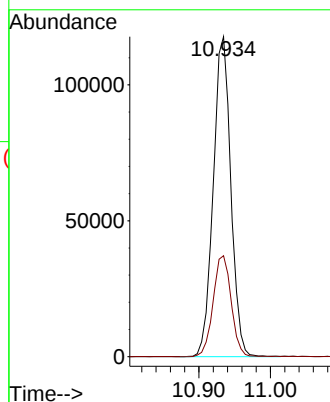
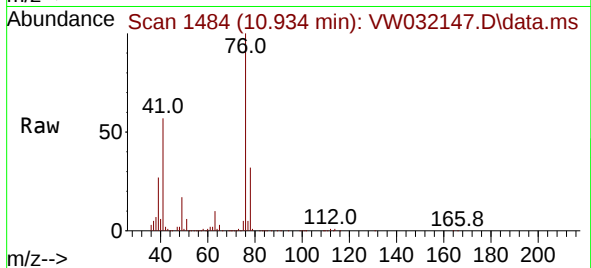
BFB

Tgt Ion: 76 Resp: 200668

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.197 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032147.D

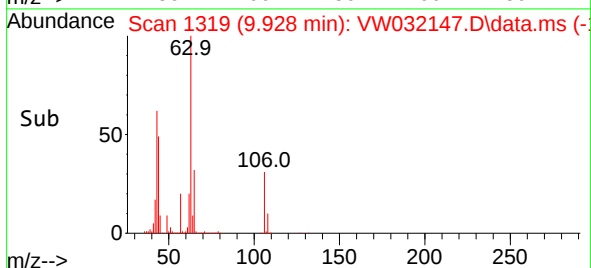
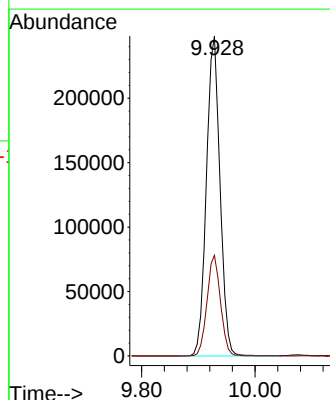
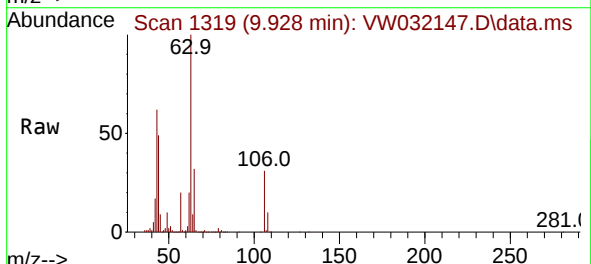
Acq: 28 Aug 2025 10:01

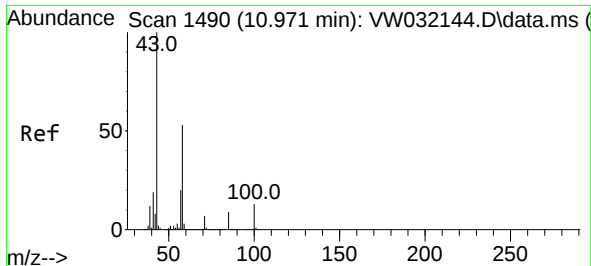
Tgt Ion: 63 Resp: 413022

Ion Ratio Lower Upper

63 100

106 31.2 24.3 36.5

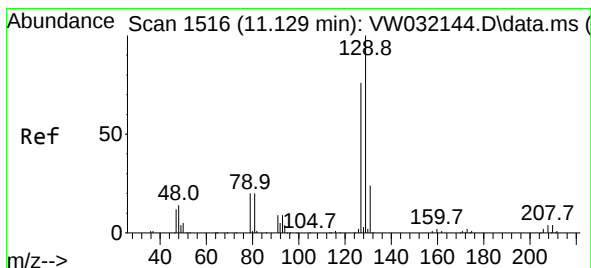
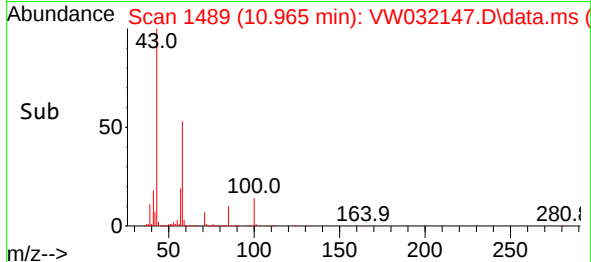
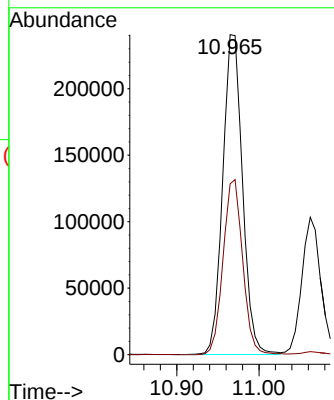
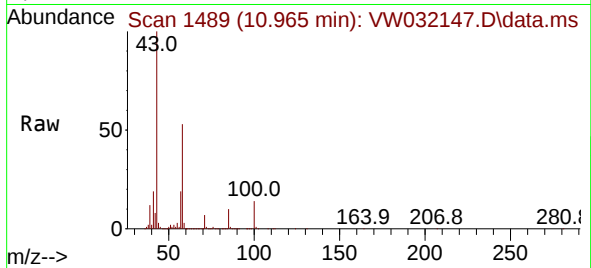




#59
2-Hexanone
Concen: 263.009 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

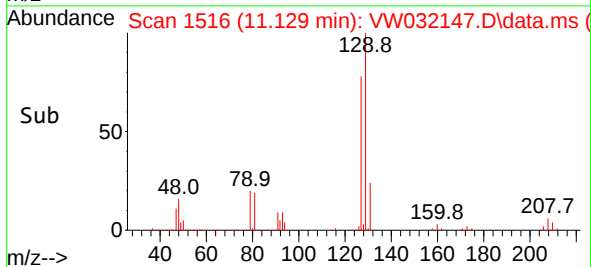
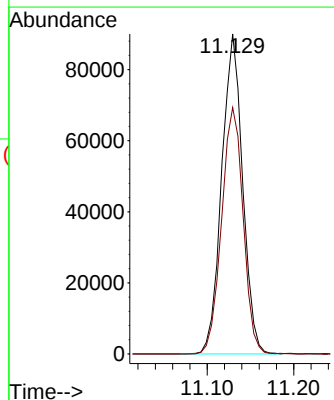
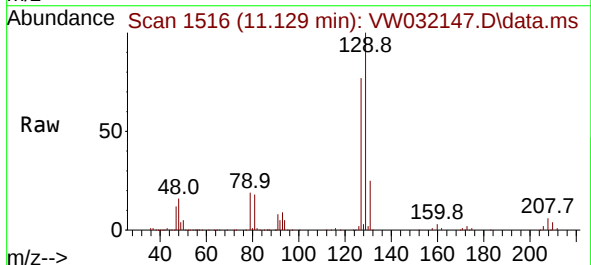
Instrument :
MSVOA_W
ClientSampleId :
BFB

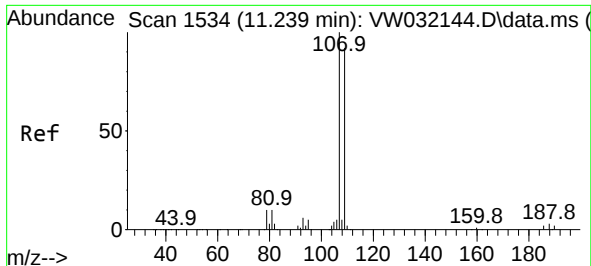
Tgt Ion: 43 Resp: 402480
Ion Ratio Lower Upper
43 100
58 54.1 27.5 82.4



#60
Dibromochloromethane
Concen: 52.995 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 129 Resp: 150908
Ion Ratio Lower Upper
129 100
127 79.2 38.1 114.5

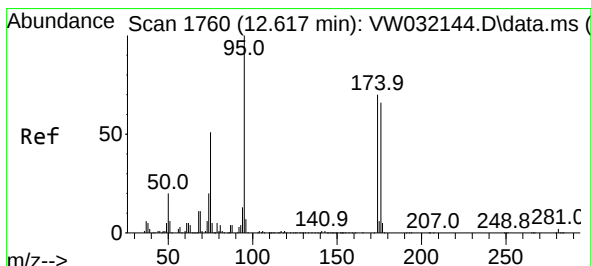
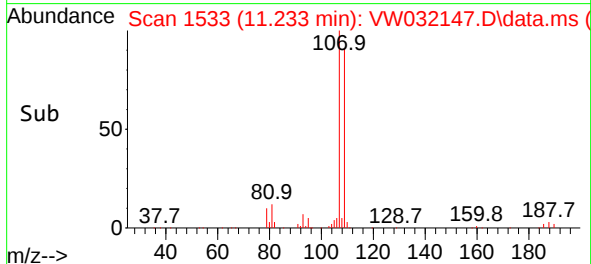
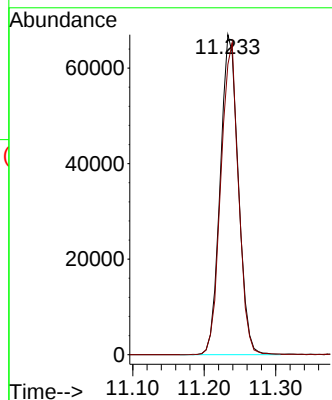
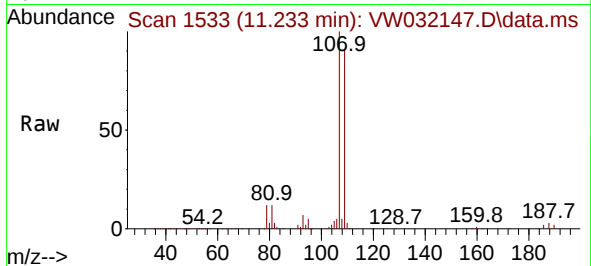




#61
1,2-Dibromoethane
Concen: 50.781 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

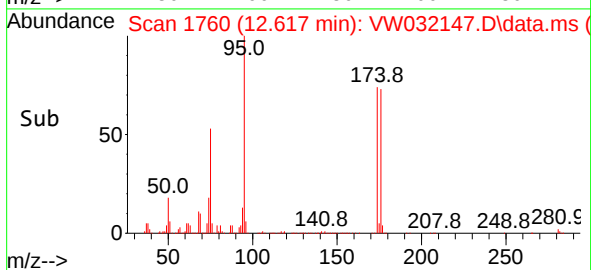
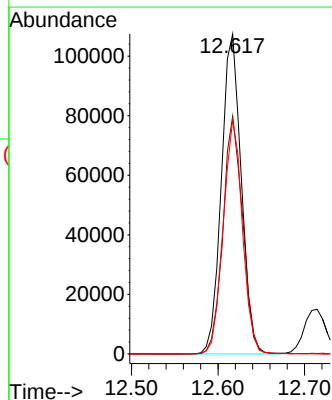
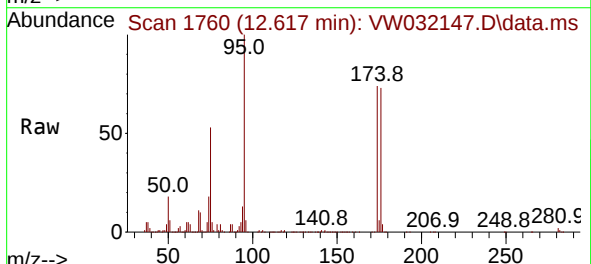
Instrument :
MSVOA_W
ClientSampleId :
BFB

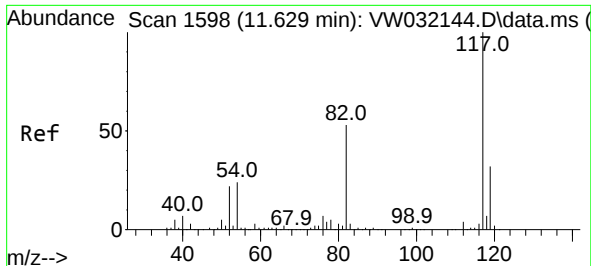
Tgt Ion:107 Resp: 117519
Ion Ratio Lower Upper
107 100
109 95.2 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 95 Resp: 170712
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.6
176 71.0 0.0 140.8

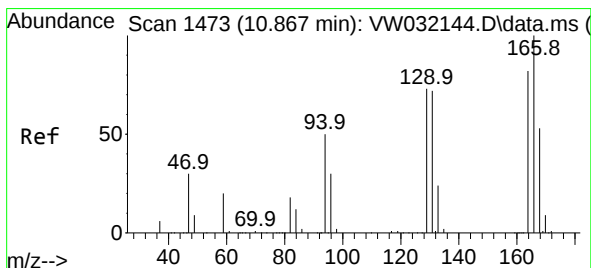
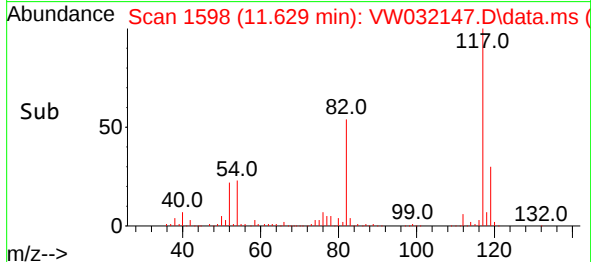
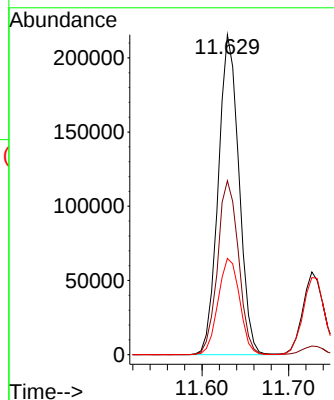
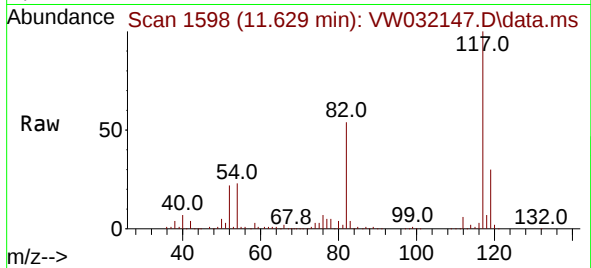




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

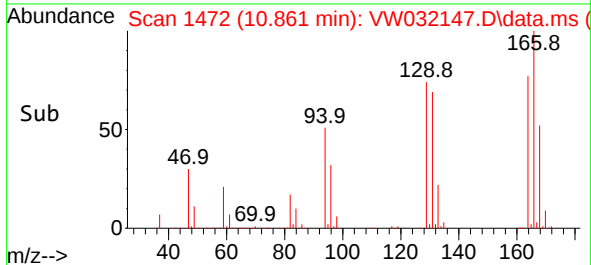
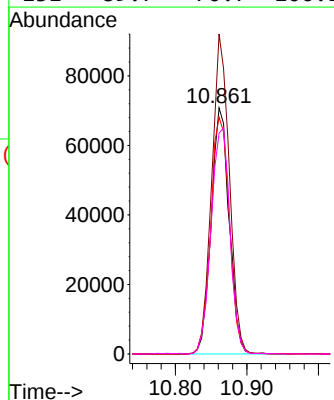
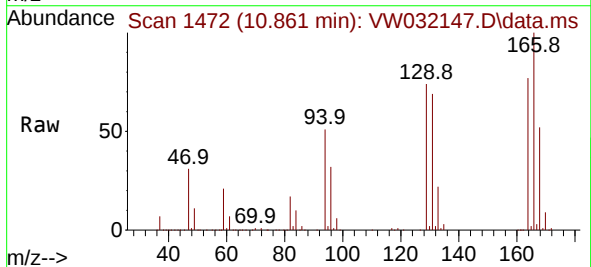
Instrument :
MSVOA_W
ClientSampleId :
BFB

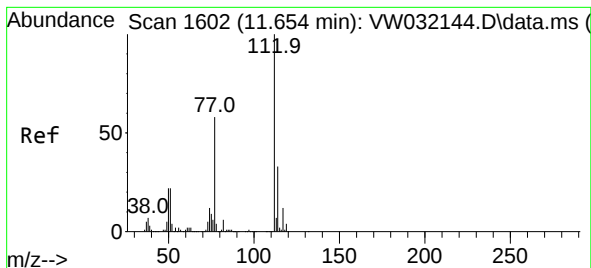
Tgt Ion:117 Resp: 357892
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 30.1 25.2 37.8



#64
Tetrachloroethene
Concen: 52.443 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion:164 Resp: 123531
Ion Ratio Lower Upper
164 100
166 130.0 97.5 146.3
129 96.2 71.2 106.8
131 89.7 70.7 106.1





#65

Chlorobenzene

Concen: 52.235 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

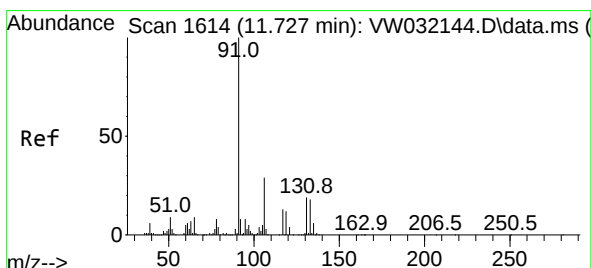
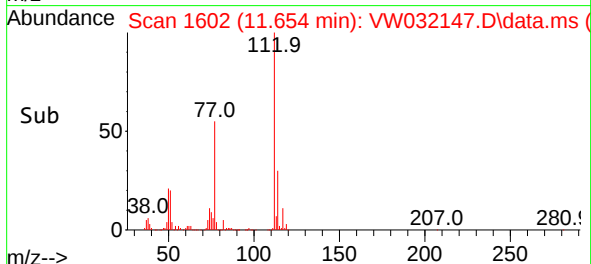
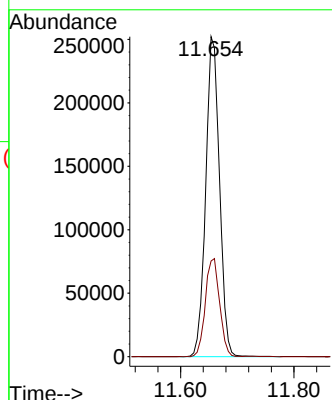
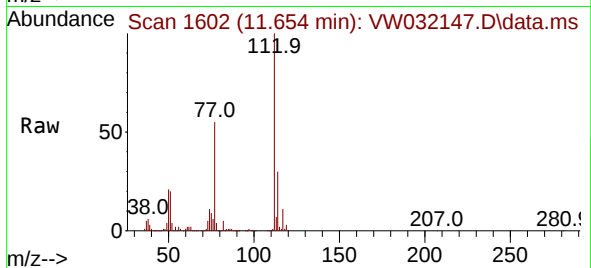
BFB

Tgt Ion:112 Resp: 425517

Ion Ratio Lower Upper

112 100

114 29.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 53.609 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

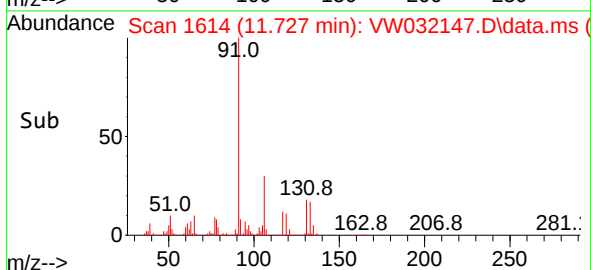
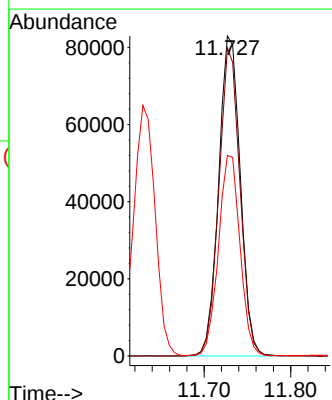
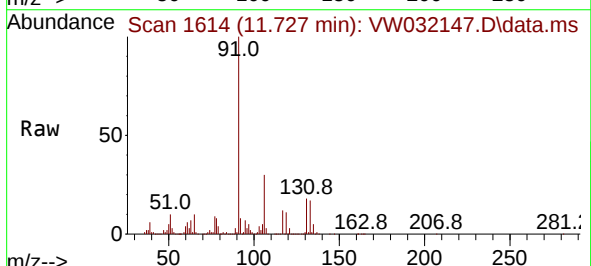
Tgt Ion:131 Resp: 143776

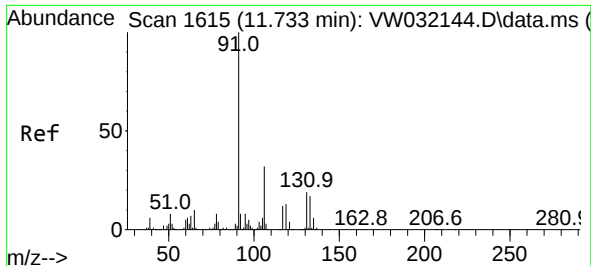
Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

119 62.5 32.8 98.3





#67

Ethyl Benzene

Concen: 55.012 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

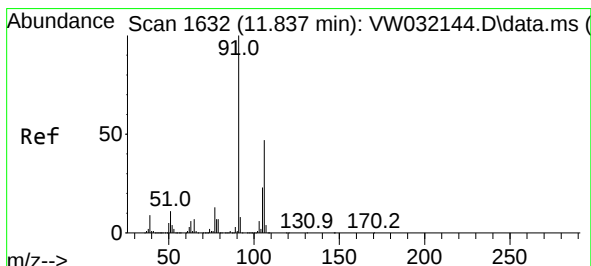
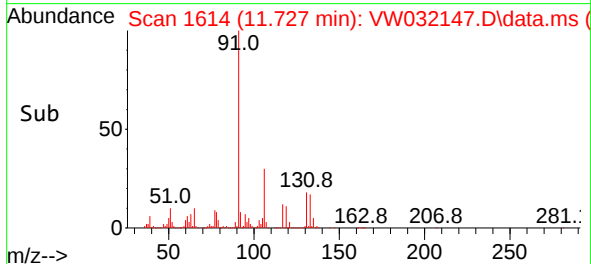
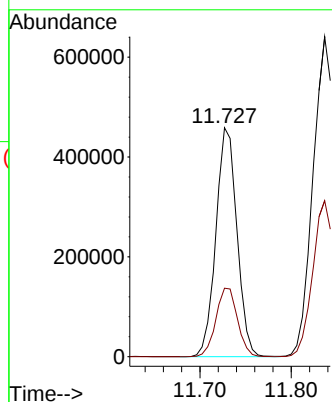
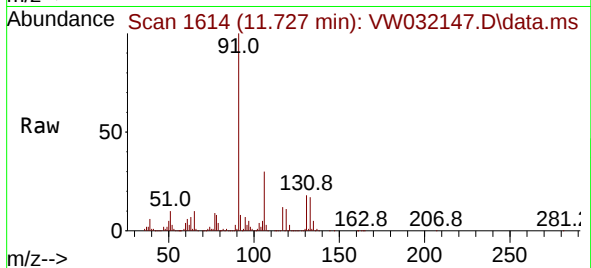
BFB

Tgt Ion: 91 Resp: 734247

Ion Ratio Lower Upper

91 100

106 29.9 25.3 37.9



#68

m/p-Xylenes

Concen: 110.997 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032147.D

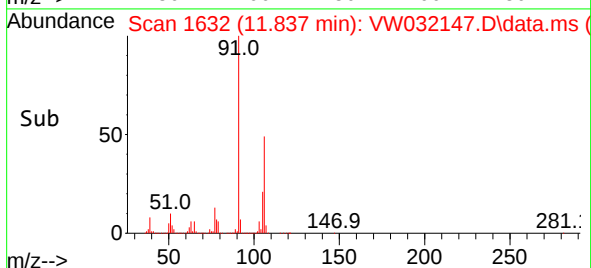
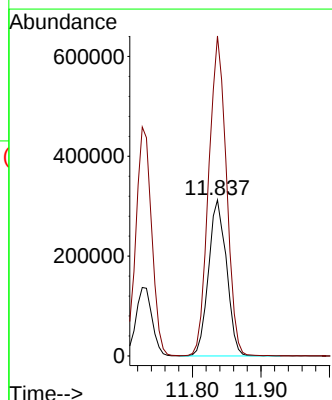
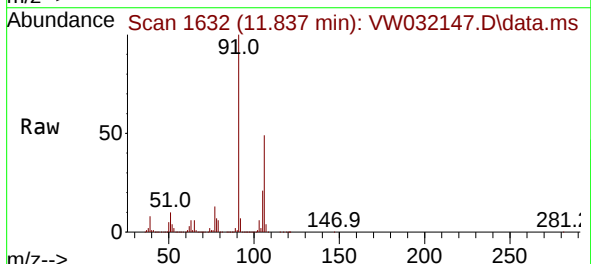
Acq: 28 Aug 2025 10:01

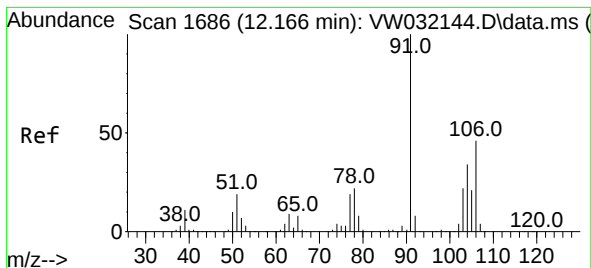
Tgt Ion:106 Resp: 570163

Ion Ratio Lower Upper

106 100

91 202.7 164.2 246.2





#69

o-Xylene

Concen: 53.956 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

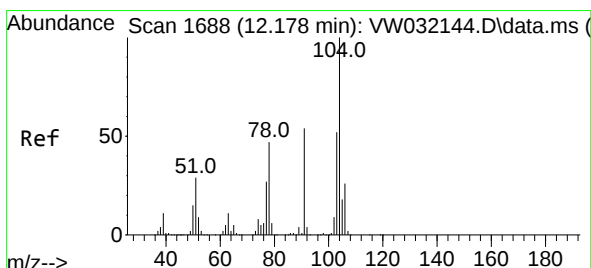
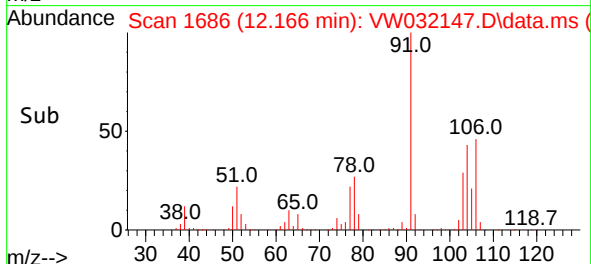
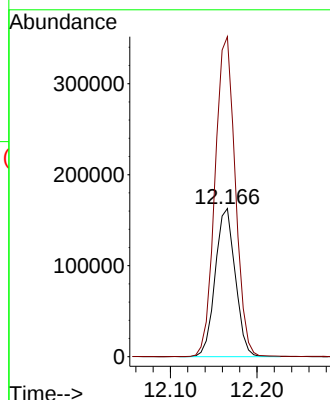
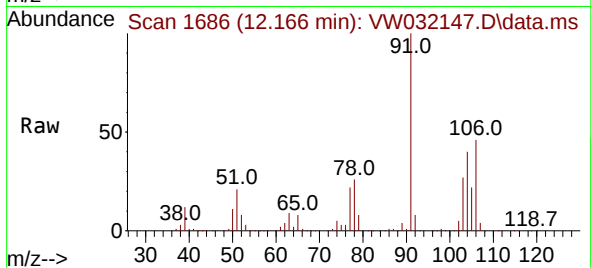
BFB

Tgt Ion:106 Resp: 262163

Ion Ratio Lower Upper

106 100

91 217.9 108.7 326.3



#70

Styrene

Concen: 53.396 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

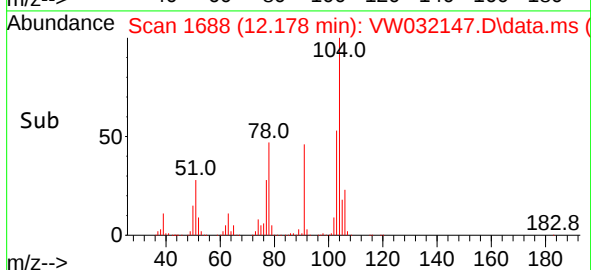
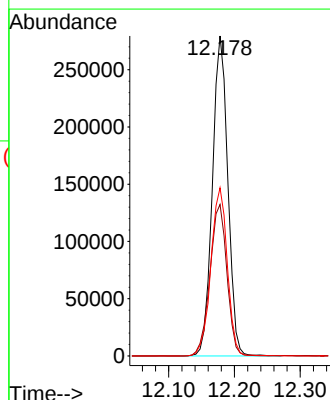
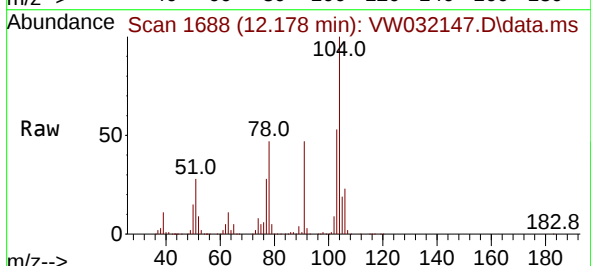
Tgt Ion:104 Resp: 457341

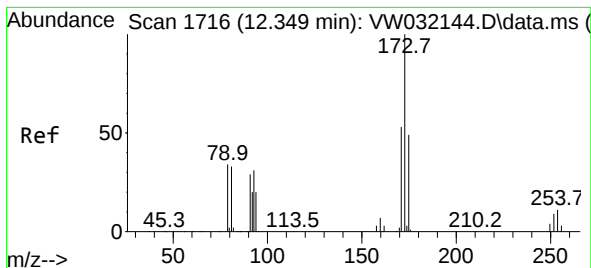
Ion Ratio Lower Upper

104 100

78 52.0 41.6 62.4

103 55.9 44.8 67.2





#71

Bromoform

Concen: 52.565 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

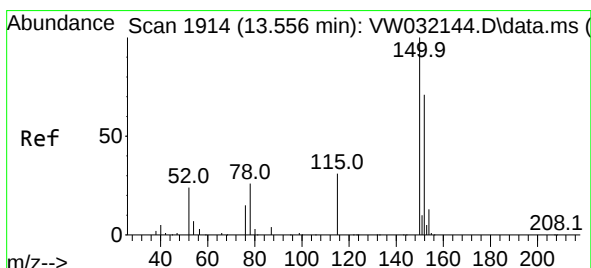
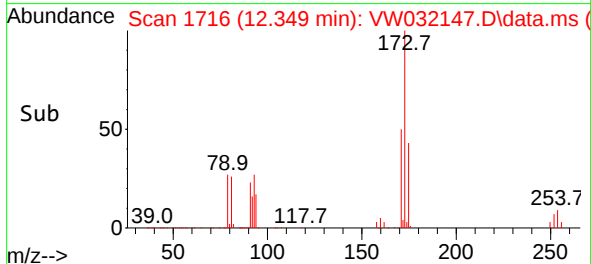
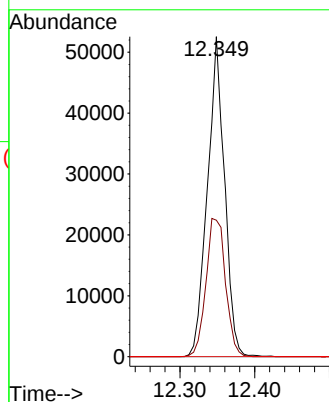
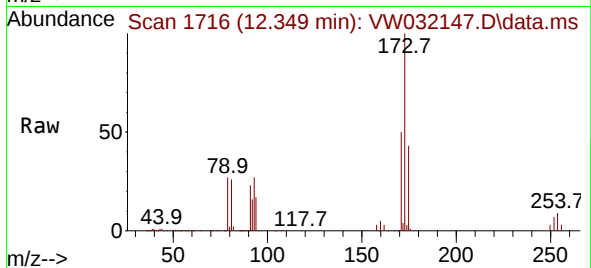
Tgt Ion:173 Resp: 83729

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

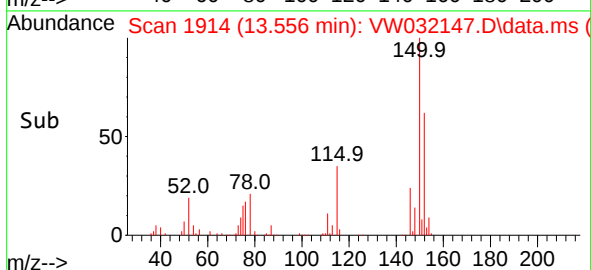
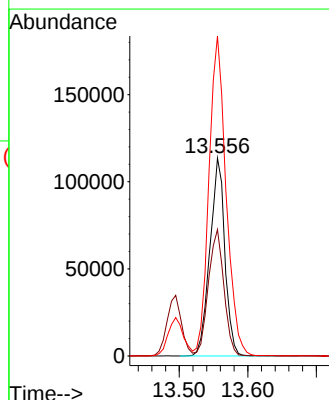
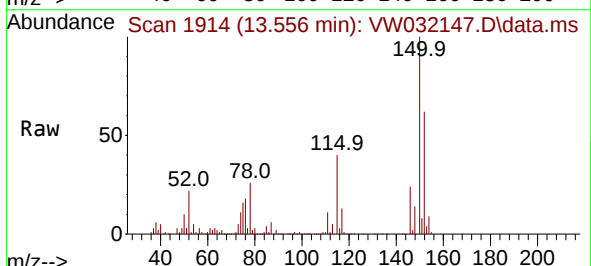
Tgt Ion:152 Resp: 172713

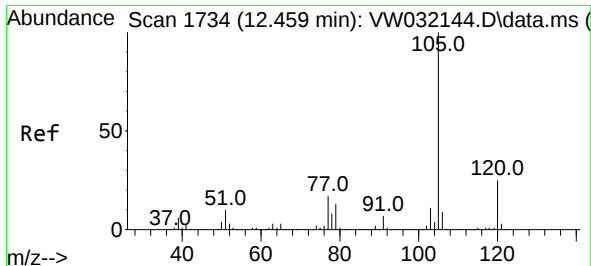
Ion Ratio Lower Upper

152 100

115 66.5 31.8 95.4

150 184.8 0.0 343.0

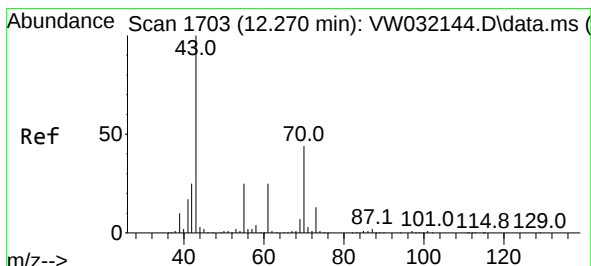
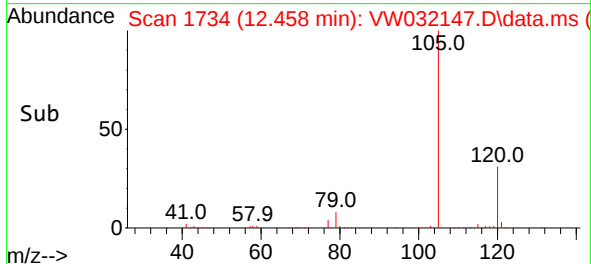
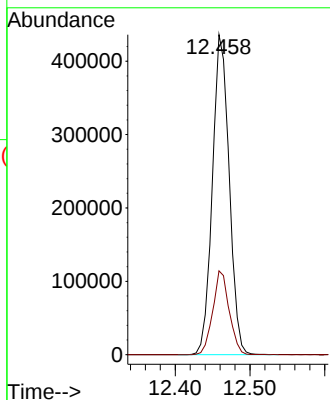
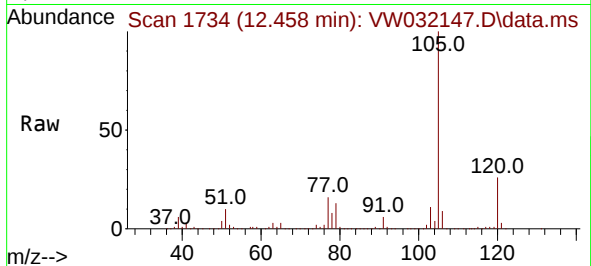




#73
Isopropylbenzene
Concen: 57.927 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

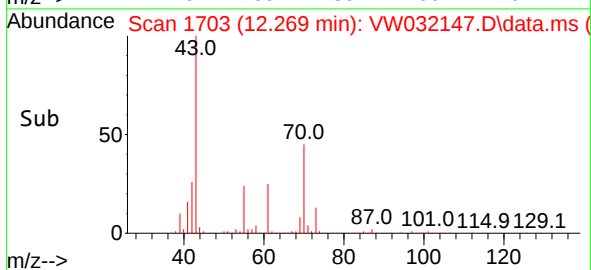
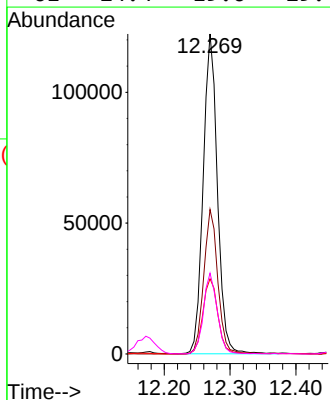
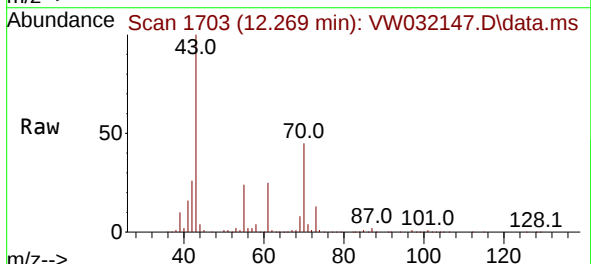
Instrument :
MSVOA_W
ClientSampleId :
BFB

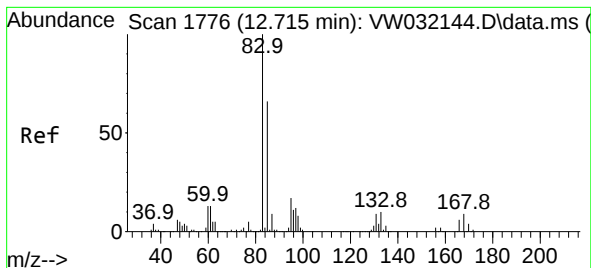
Tgt Ion:105 Resp: 679690
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 54.064 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 43 Resp: 184174
Ion Ratio Lower Upper
43 100
70 44.6 35.3 52.9
55 24.9 19.9 29.9
61 24.4 19.6 29.4

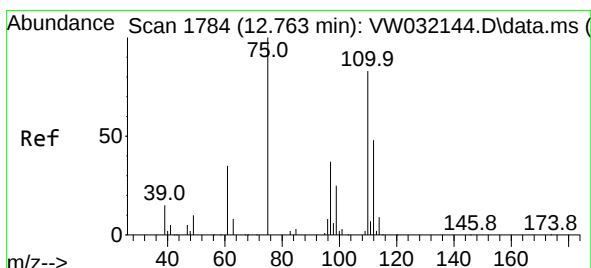
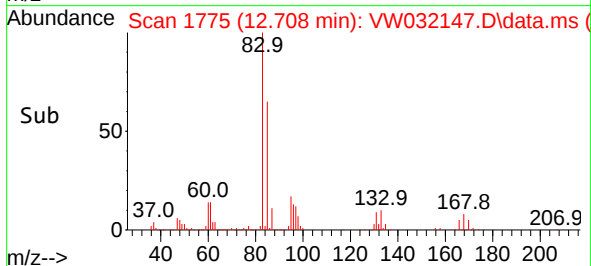
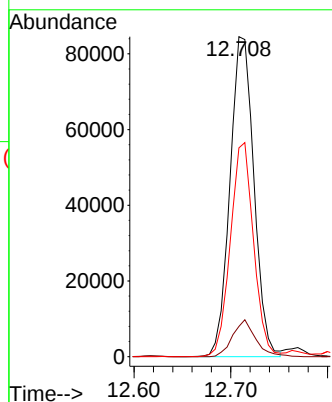
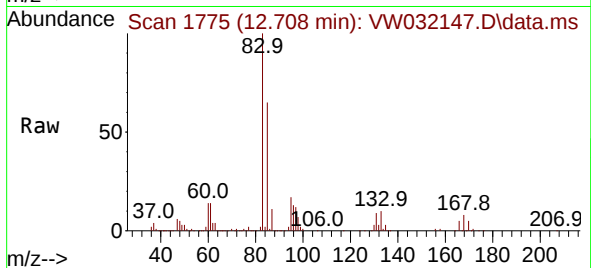




#75
1,1,2,2-Tetrachloroethane
Concen: 52.253 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

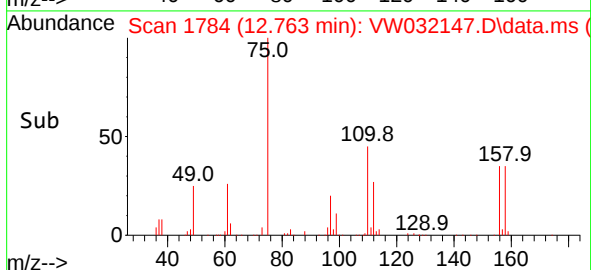
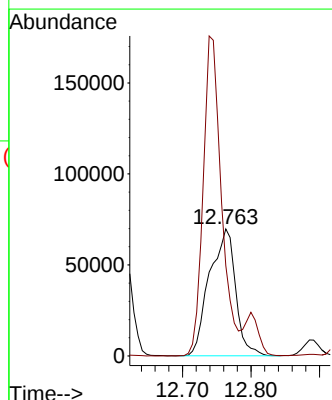
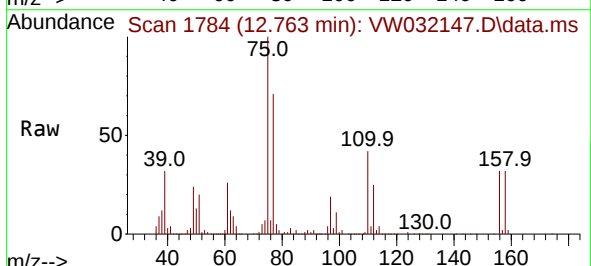
Instrument :
MSVOA_W
ClientSampleId :
BFB

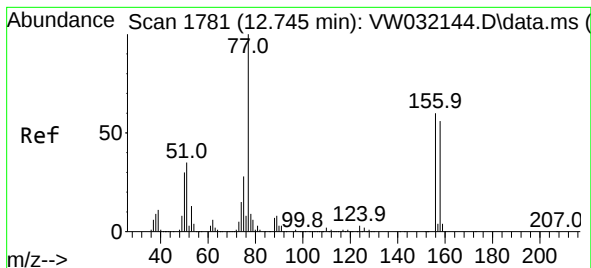
Tgt Ion: 83 Resp: 145706
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.4
85 64.8 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 85.365 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 75 Resp: 184709
Ion Ratio Lower Upper
75 100
77 0.0 141.7 425.1#





#77

Bromobenzene

Concen: 56.573 ug/l

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

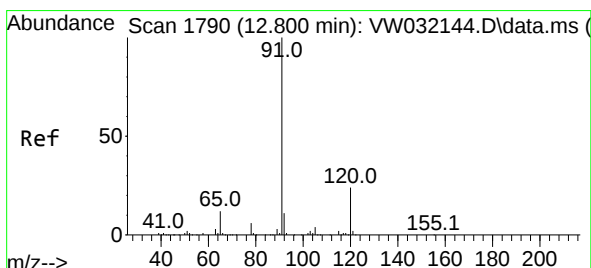
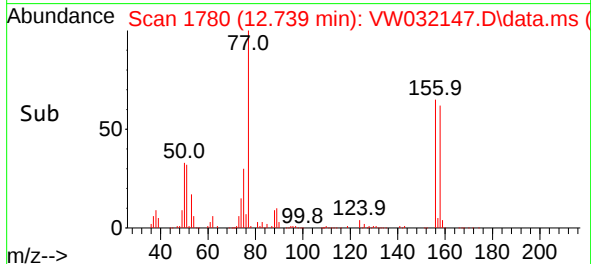
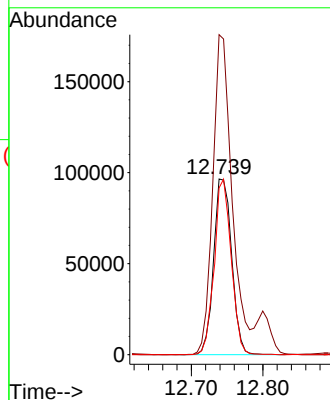
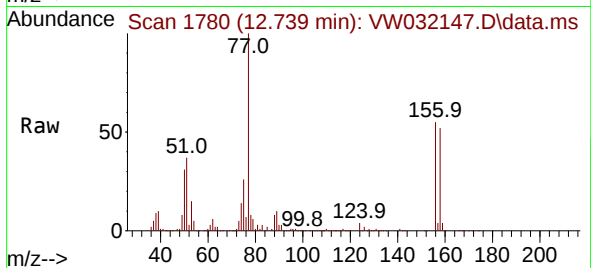
Tgt Ion:156 Resp: 169275

Ion Ratio Lower Upper

156 100

77 192.7 98.6 295.7

158 93.9 48.4 145.0



#78

n-propylbenzene

Concen: 60.621 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032147.D

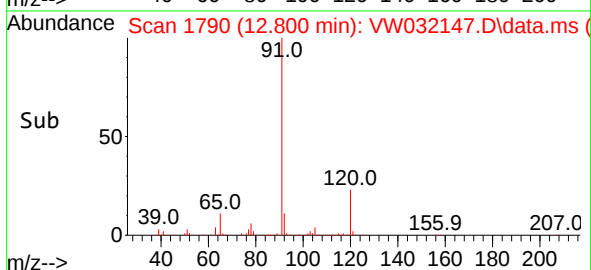
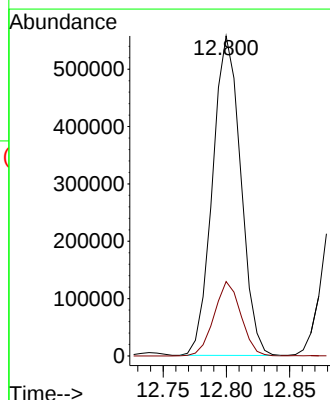
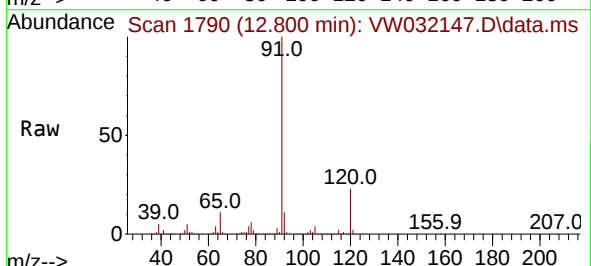
Acq: 28 Aug 2025 10:01

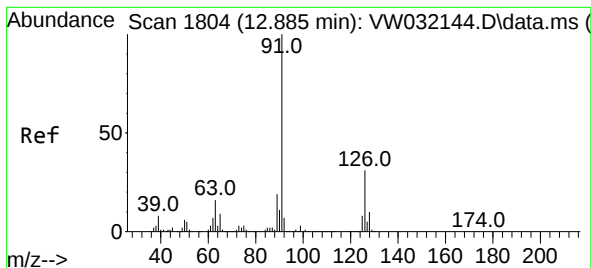
Tgt Ion: 91 Resp: 863563

Ion Ratio Lower Upper

91 100

120 22.2 11.8 35.4

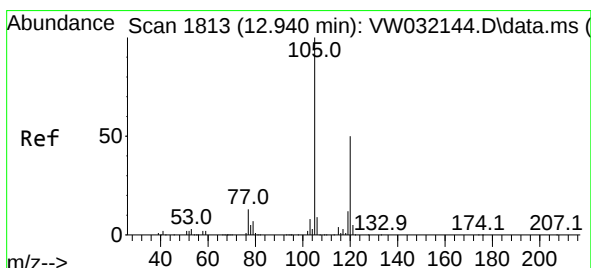
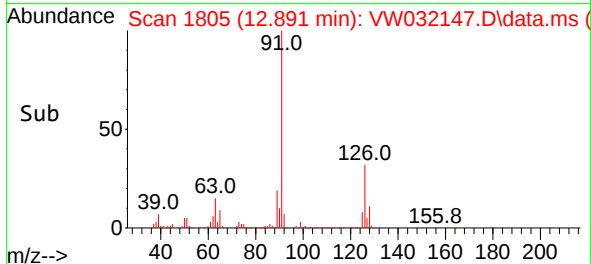
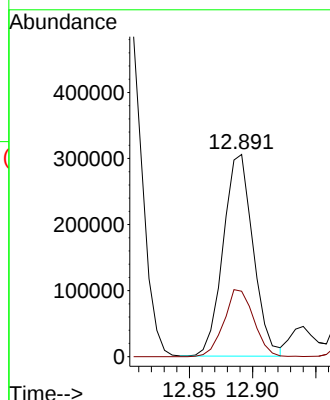
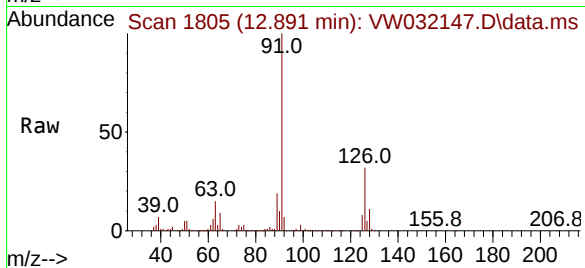




#79
2-Chlorotoluene
Concen: 57.834 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

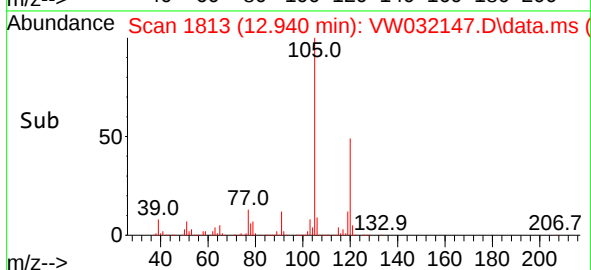
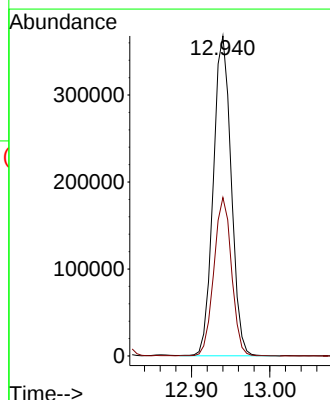
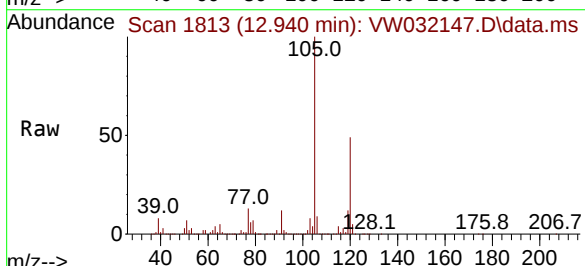
Instrument :
MSVOA_W
ClientSampleId :
BFB

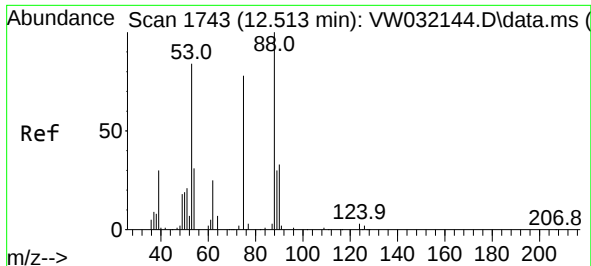
Tgt Ion: 91 Resp: 503799
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 58.625 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 105 Resp: 582398
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4

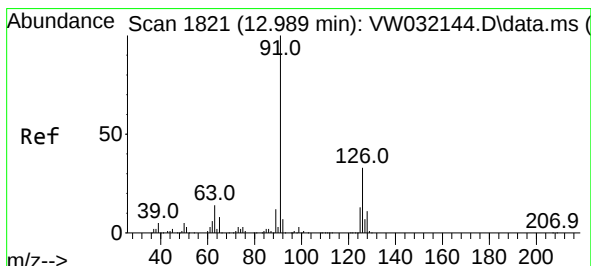
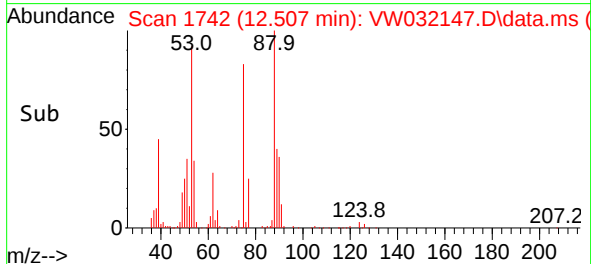
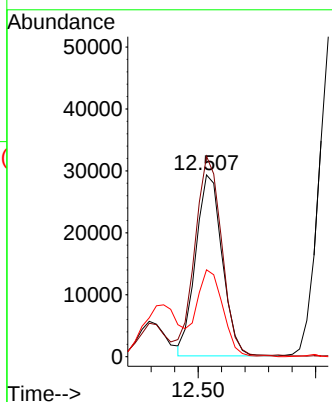
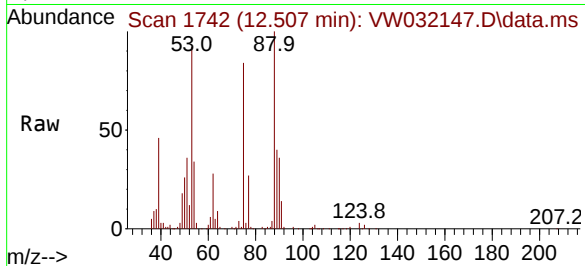




#81
trans-1,4-Dichloro-2-butene
Concen: 57.216 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

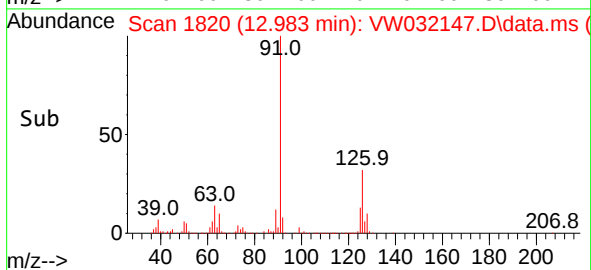
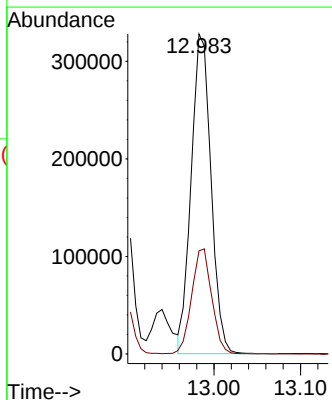
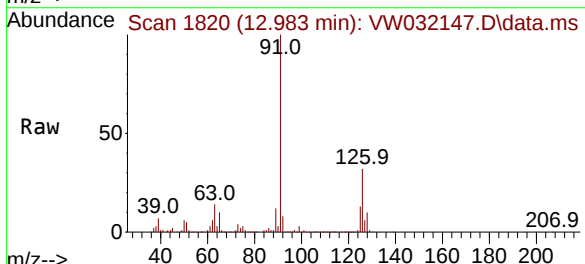
Instrument :
MSVOA_W
ClientSampleId :
BFB

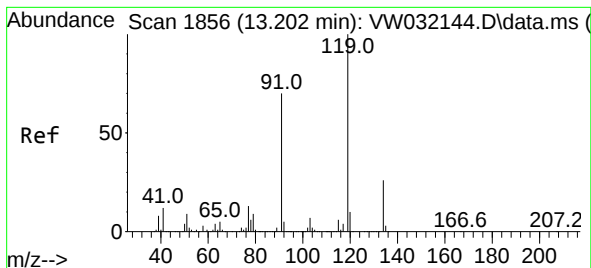
Tgt Ion: 75 Resp: 45981
Ion Ratio Lower Upper
75 100
53 113.7 91.0 136.6
89 47.4 39.4 59.2



#82
4-Chlorotoluene
Concen: 55.853 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 91 Resp: 520805
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2

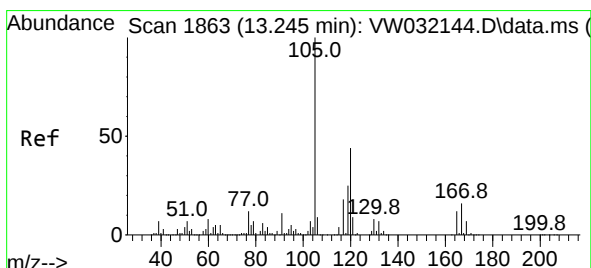
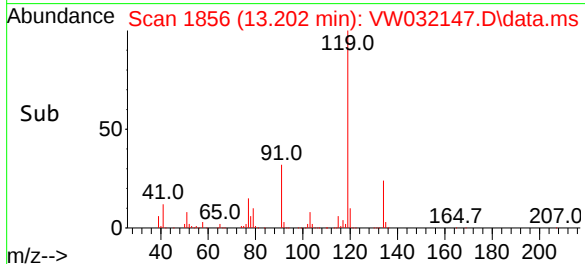
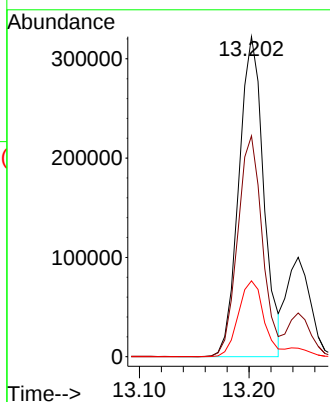
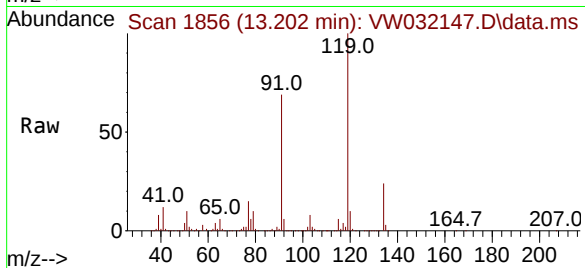




#83
tert-Butylbenzene
Concen: 60.245 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

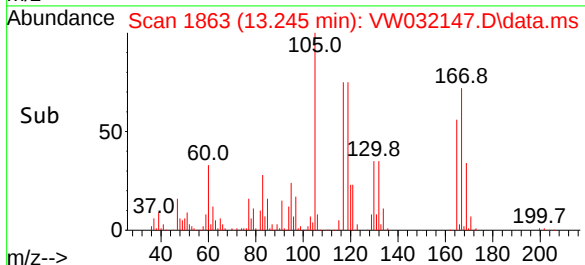
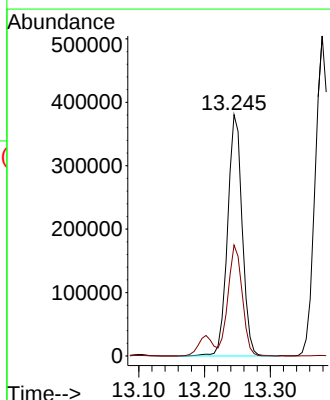
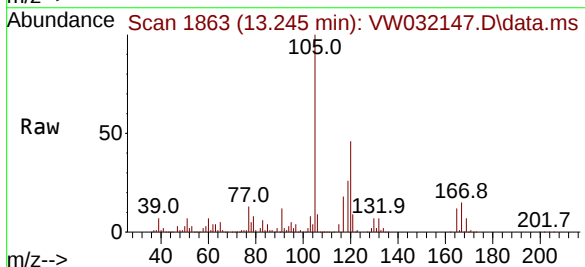
Instrument :
MSVOA_W
ClientSampleId :
BFB

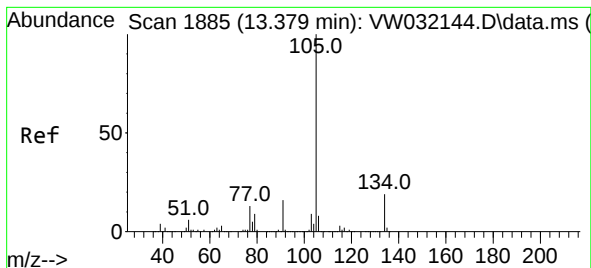
Tgt Ion:119 Resp: 507457
Ion Ratio Lower Upper
119 100
91 68.5 33.8 101.3
134 24.7 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 57.083 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion:105 Resp: 586692
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 59.586 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

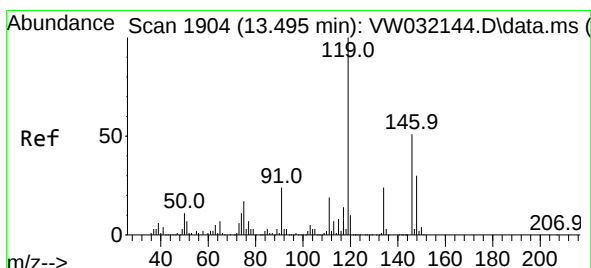
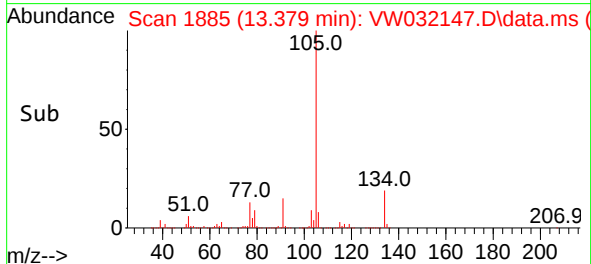
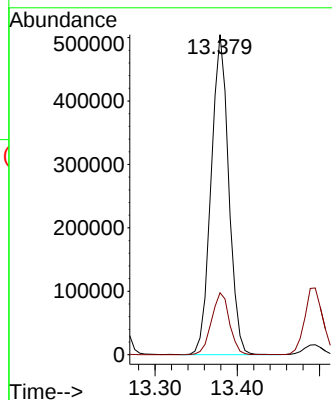
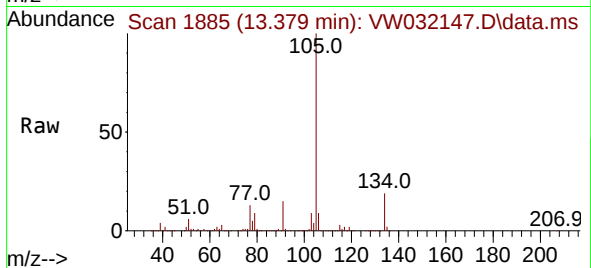
BFB

Tgt Ion:105 Resp: 749373

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 59.262 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

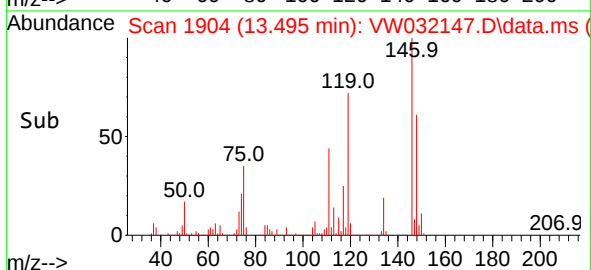
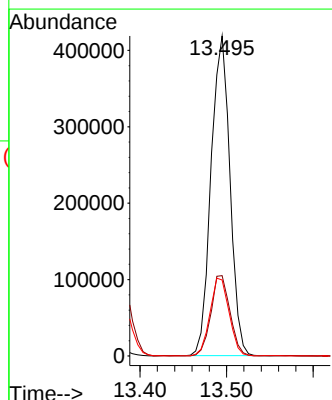
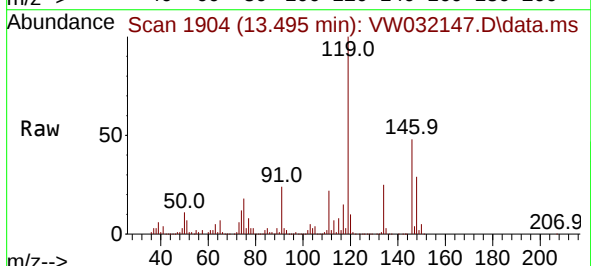
Tgt Ion:119 Resp: 633810

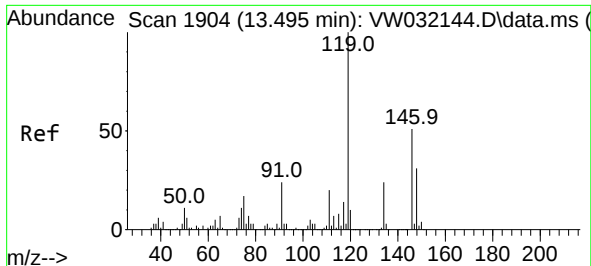
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 24.6 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 54.946 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

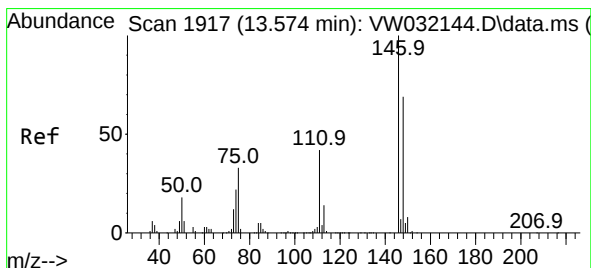
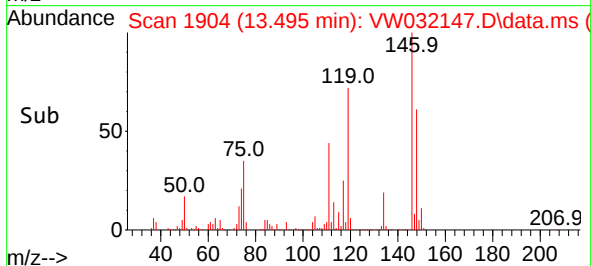
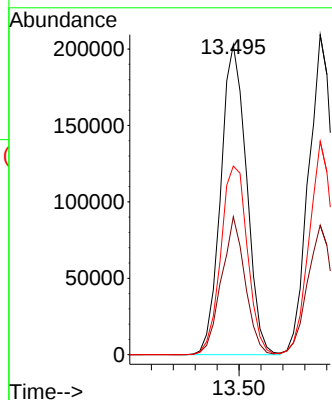
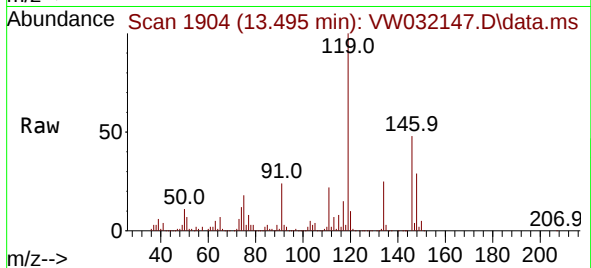
Tgt Ion:146 Resp: 331028

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 63.1 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 54.205 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

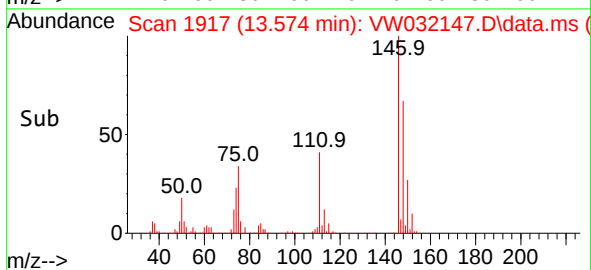
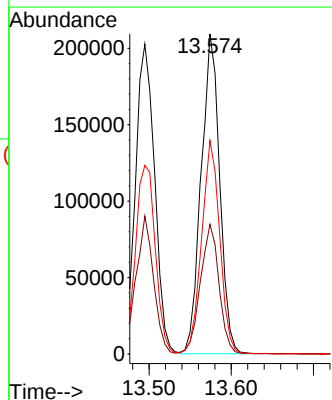
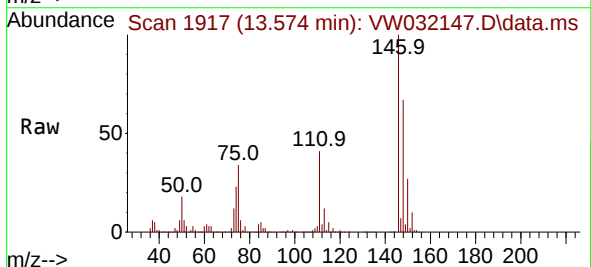
Tgt Ion:146 Resp: 327331

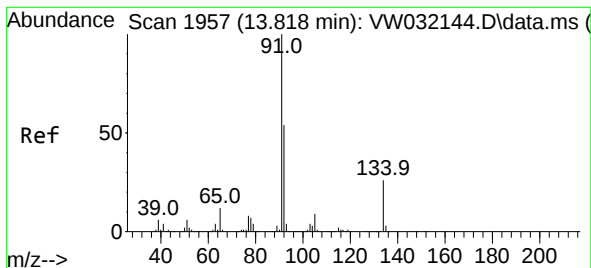
Ion Ratio Lower Upper

146 100

111 40.7 21.3 63.7

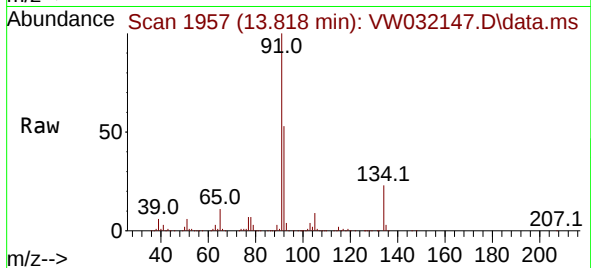
148 65.4 33.4 100.1



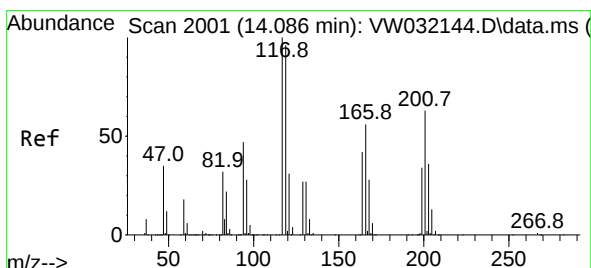
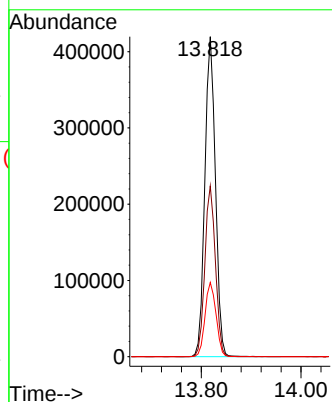
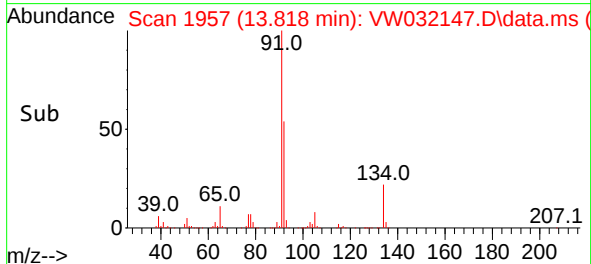


#89
n-Butylbenzene
Concen: 60.471 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Instrument :
MSVOA_W
ClientSampleId :
BFB

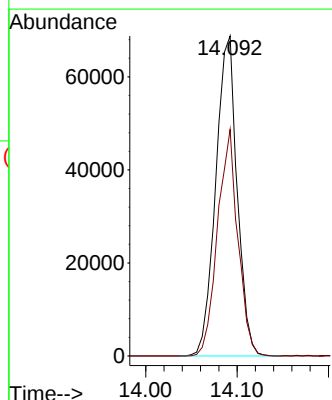
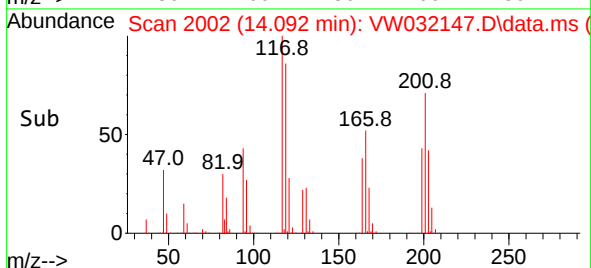
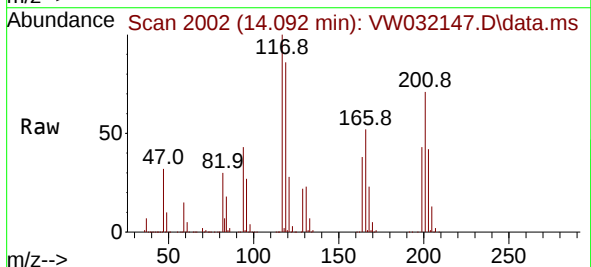


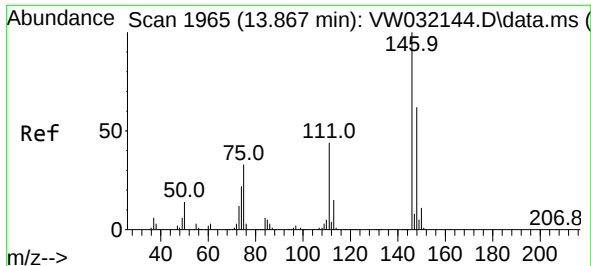
Tgt Ion: 91 Resp: 616594
Ion Ratio Lower Upper
91 100
92 53.5 27.0 81.0
134 24.2 13.1 39.3



#90
Hexachloroethane
Concen: 57.256 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 117 Resp: 112008
Ion Ratio Lower Upper
117 100
201 67.3 32.8 98.4

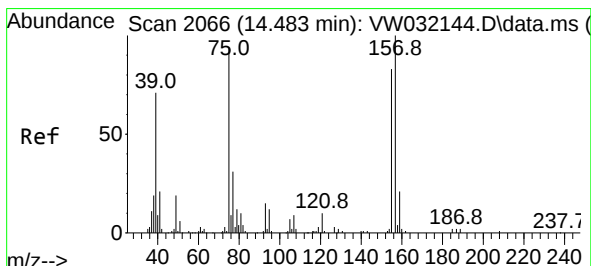
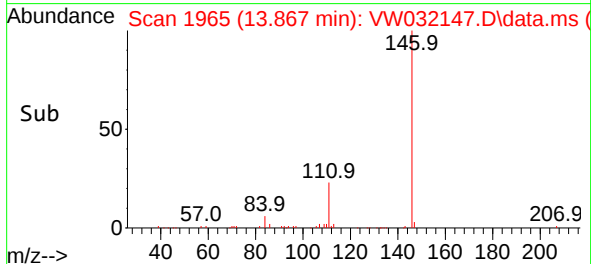
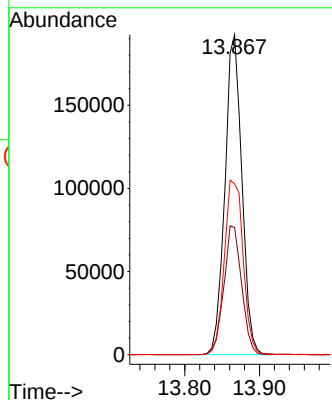
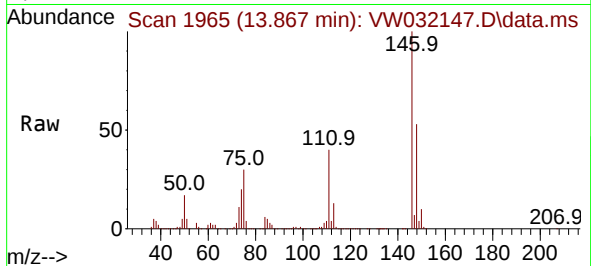




#91
1,2-Dichlorobenzene
Concen: 57.048 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

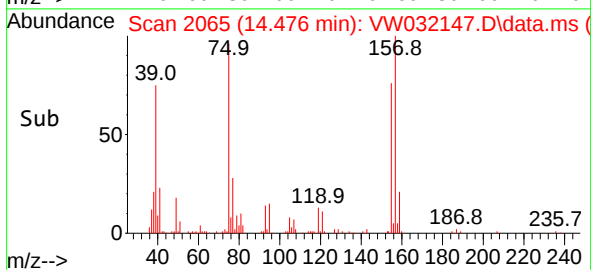
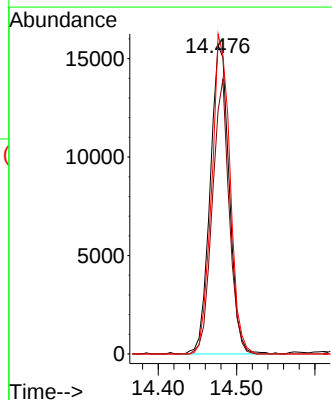
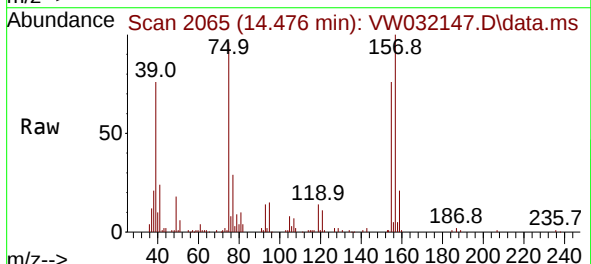
Instrument :
MSVOA_W
ClientSampleId :
BFB

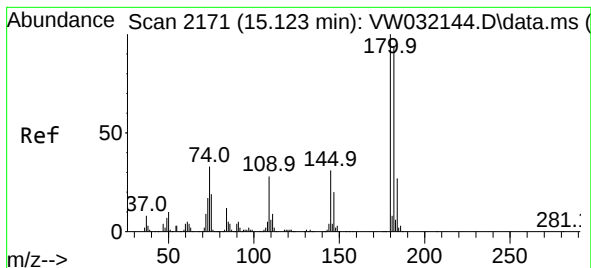
Tgt Ion:146 Resp: 304293
Ion Ratio Lower Upper
146 100
111 42.1 23.4 70.0
148 60.6 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.749 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion: 75 Resp: 26478
Ion Ratio Lower Upper
75 100
155 79.1 40.8 122.5
157 99.5 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 57.869 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

BFB

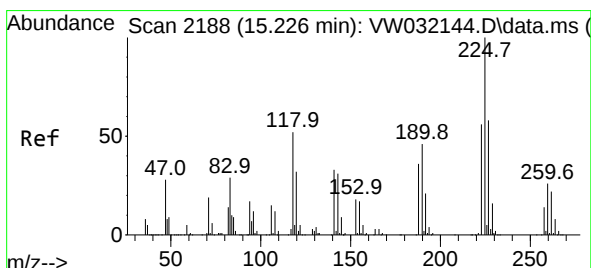
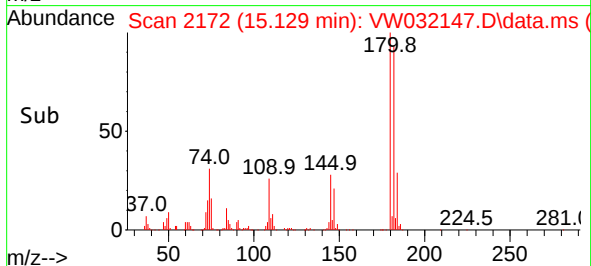
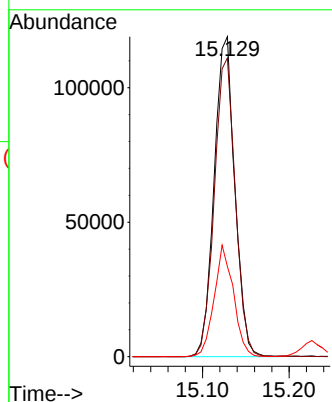
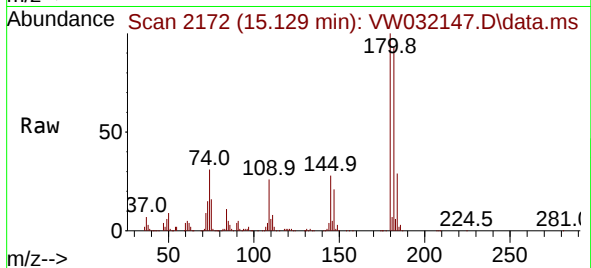
Tgt Ion:180 Resp: 197213

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 32.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 53.755 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032147.D

Acq: 28 Aug 2025 10:01

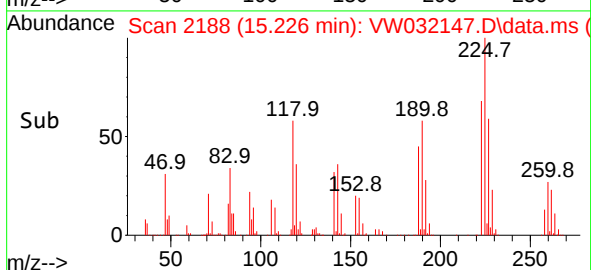
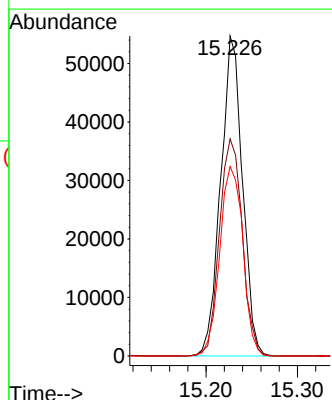
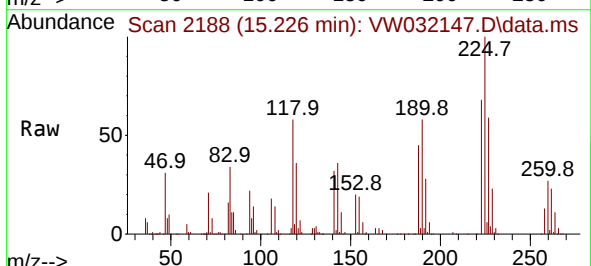
Tgt Ion:225 Resp: 90856

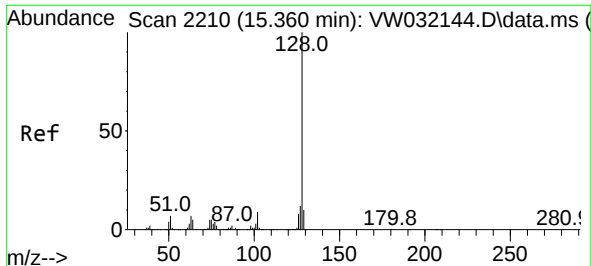
Ion Ratio Lower Upper

225 100

223 70.9 29.8 89.3

227 62.7 30.5 91.5

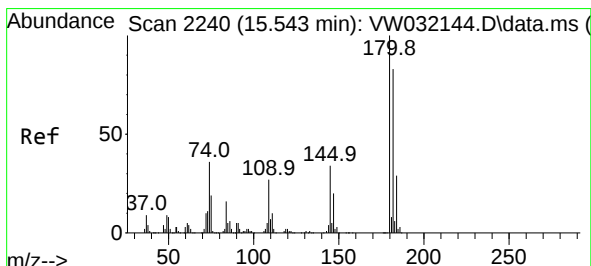
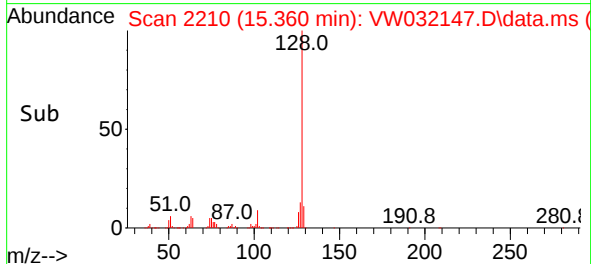
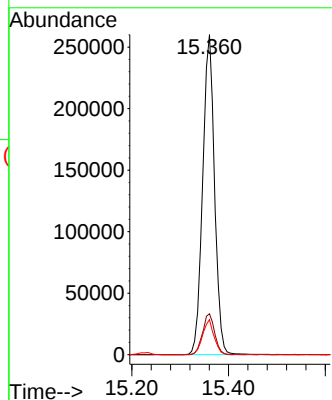
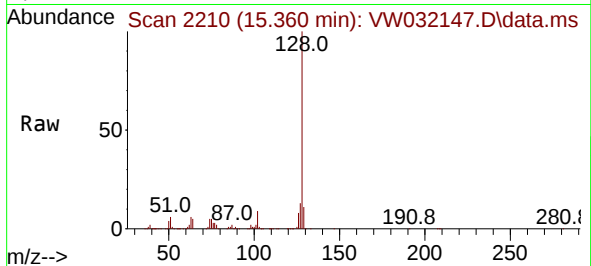




#95
Naphthalene
Concen: 57.381 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:128 Resp: 442559
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 56.077 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032147.D
Acq: 28 Aug 2025 10:01

Tgt Ion:180 Resp: 177730
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 32.9 17.2 51.6

