

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026243.D
 Acq On : 19 Jun 2023 12:54
 Operator : SY/MD
 Sample : 03307-09REMSD
 Misc : 5.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

Quant Time: Jun 20 03:17:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	123870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	107281	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	49068	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	35405	20.317	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
7) Chloroethane-d5	2.887	69	35263	27.032	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.120%
11) 1,1-Dichloroethene-d2	4.021	65	17895	20.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.320%
21) 2-Butanone-d5	7.081	46	23536	46.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.780%
24) Chloroform-d	7.648	84	83160	22.926	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	8.307	65	44395	22.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.520%
32) Benzene-d6	8.276	84	154341	21.380	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.276	67	49830	21.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	10.325	98	118854	18.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.280%
43) trans-1,3-Dichloroprop...	10.581	79	16124	17.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.160%
47) 2-Hexanone-d5	10.922	63	8272	22.939	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42806	25.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	35829	19.077	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	44467	29.284	ug/L	94
3) Chloromethane	2.216	50	48939	25.135	ug/L	93
5) Vinyl chloride	2.363	62	59066	28.380	ug/L	97
6) Bromomethane	2.790	94	30280	26.688	ug/L	92
8) Chloroethane	2.924	64	35931	31.948	ug/L	99
9) Trichlorofluoromethane	3.265	101	75390	56.306	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	48216	28.538	ug/L	99
12) 1,1-Dichloroethene	4.039	96	118594	75.196	ug/L #	61
13) Acetone	4.125	43	28768	73.284	ug/L	95
14) Carbon disulfide	4.387	76	126941	22.800	ug/L	99
15) Methyl Acetate	4.673	43	24224	27.495	ug/L	98
16) Methylene chloride	4.917	84	46453	23.496	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	40686	22.993	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	81800	29.331	ug/L	97
19) 1,1-Dichloroethane	6.216	63	95624	26.545	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	45997	24.540	ug/L	99
22) 2-Butanone	7.173	43	28590	51.056	ug/L	98
23) Bromochloromethane	7.520	128	19076	23.864	ug/L	97
25) Chloroform	7.673	83	83996	25.034	ug/L	97

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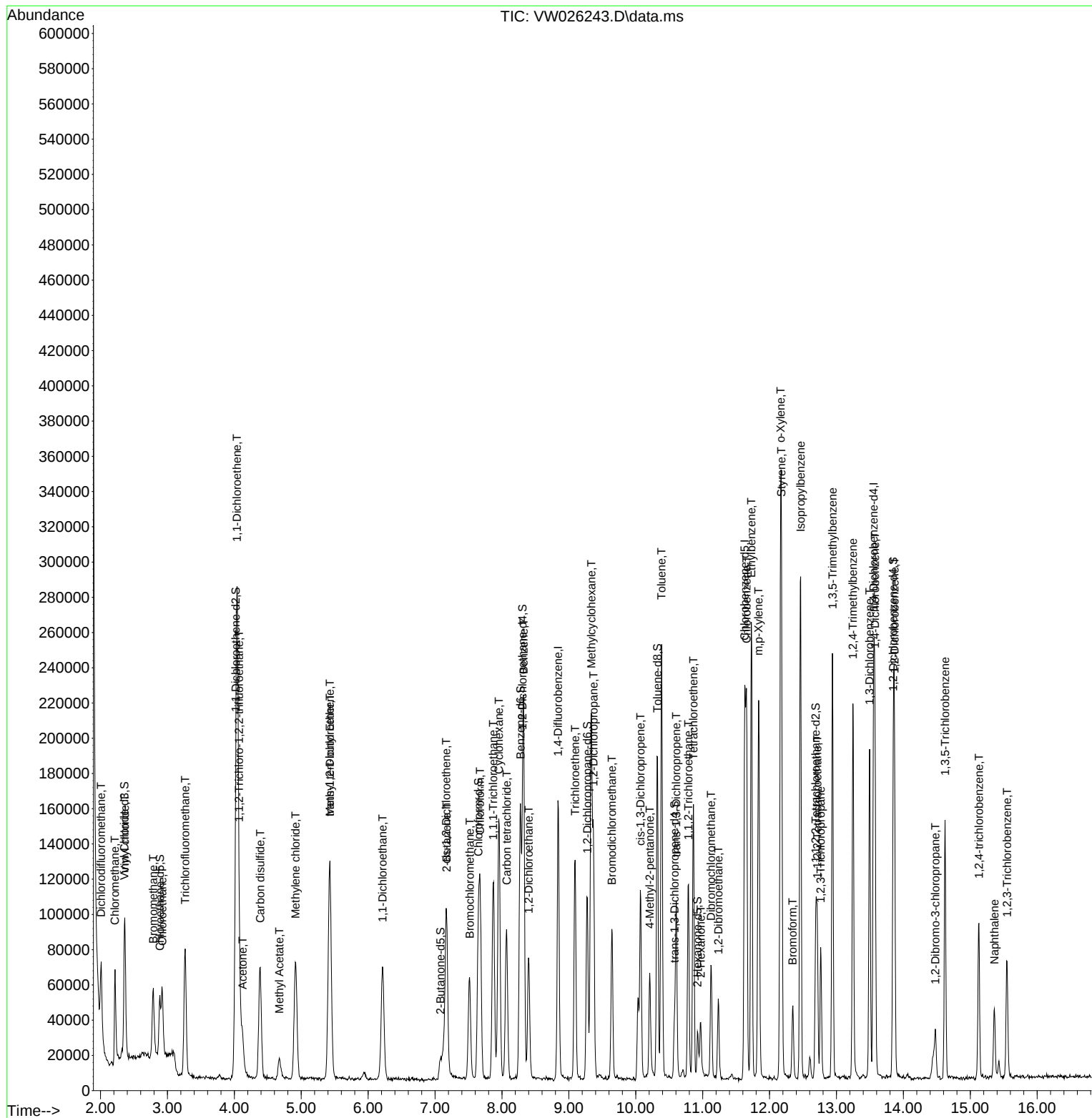
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	64620	27.924	ug/L	99
29) Cyclohexane	7.953	56	71908	21.711	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	86712	33.307	ug/L	98
31) Carbon tetrachloride	8.069	117	62958	26.500	ug/L	98
33) Benzene	8.325	78	183726	25.000	ug/L	100
34) Trichloroethene	9.093	95	45094	23.963	ug/L	95
35) Methylcyclohexane	9.337	83	72049	21.637	ug/L	97
37) 1,2-Dichloropropane	9.368	63	51431	25.838	ug/L	99
38) Bromodichloromethane	9.642	83	57568	24.893	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	60879	20.812	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	44364	37.803	ug/L	99
42) Toluene	10.386	91	170945	22.742	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	52342	21.478	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	33340	25.414	ug/L	97
46) Tetrachloroethene	10.861	164	31815	23.902	ug/L	94
48) 2-Hexanone	10.971	43	22718	27.455	ug/L	95
49) Dibromochloromethane	11.123	129	33053	24.031	ug/L	94
50) 1,2-Dibromoethane	11.233	107	29616	24.381	ug/L	100
51) Chlorobenzene	11.654	112	101177	21.480	ug/L	100
52) Ethylbenzene	11.727	91	175255	20.668	ug/L	98
53) m,p-Xylene	11.837	106	64905	20.576	ug/L	99
54) o-Xylene	12.166	106	61775	20.749	ug/L	99
55) Styrene	12.178	104	99980	19.574	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	42241	26.606	ug/L	100
59) Bromoform	12.343	173	17474	23.710	ug/L	97
60) Isopropylbenzene	12.465	105	175604	22.781	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	30469	27.721	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	120824	19.718	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	106290	18.939	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	70067	21.619	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	65990	20.224	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	57767	19.849	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	5892	23.138	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	40132	18.026	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	25176	13.704	ug/L	96
71) Naphthalene	15.360	128	31931	9.752	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	20401	12.707	ug/L	97

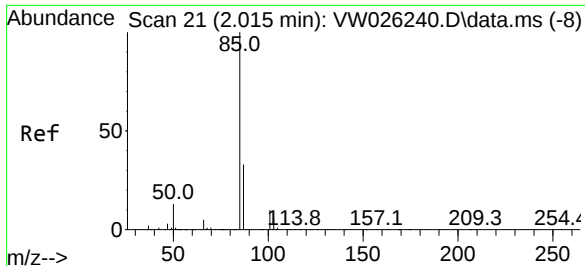
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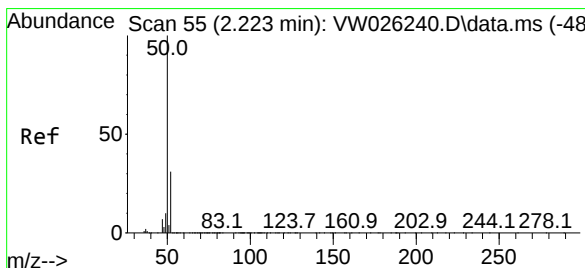
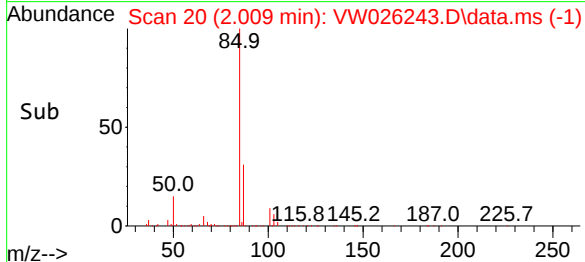
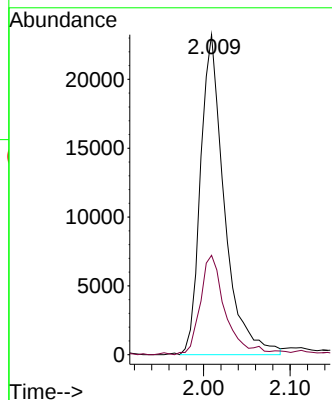
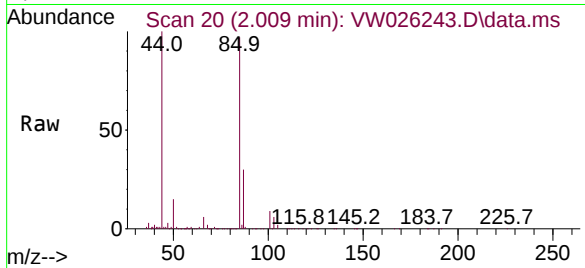




#2
Dichlorodifluoromethane
Concen: 29.284 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

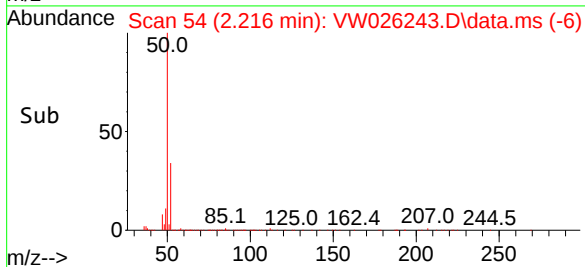
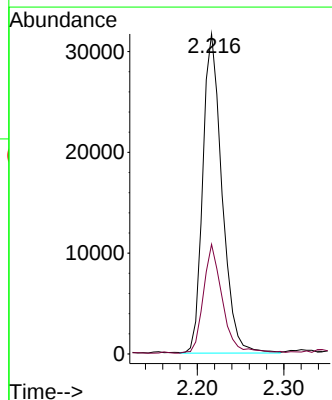
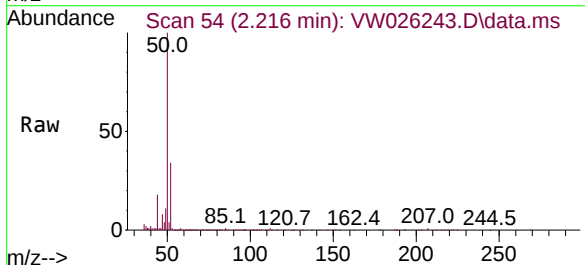
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MSVOA_W
ClientSampleId :
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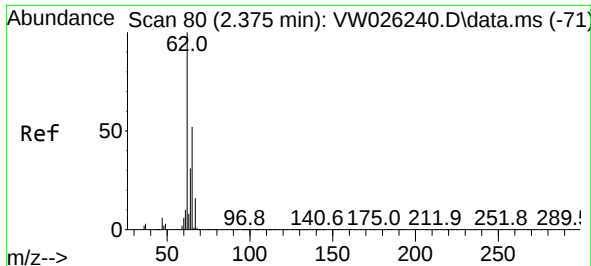
Tgt Ion: 85 Resp: 44467
Ion Ratio Lower Upper
85 100
87 31.0 22.2 33.2



#3
Chloromethane
Concen: 25.135 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 50 Resp: 48939
Ion Ratio Lower Upper
50 100
52 34.3 21.3 39.6

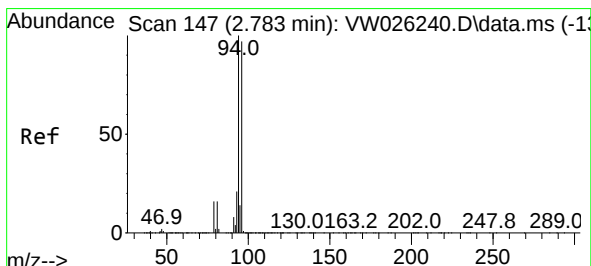
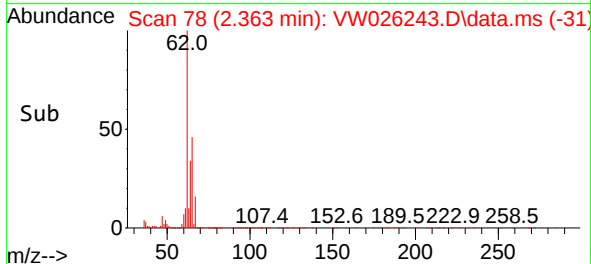
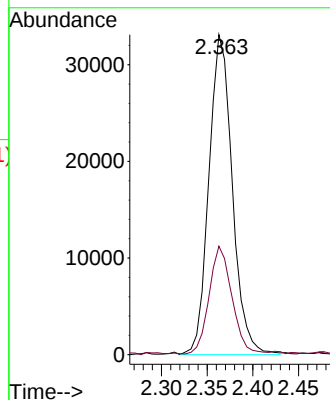
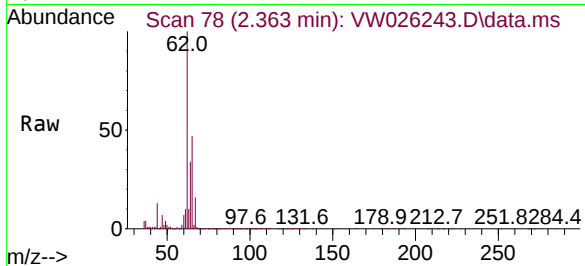




#5
 Vinyl chloride
 Concen: 28.380 ug/L
 RT: 2.363 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VW026243.D
 Acq: 19 Jun 2023 12:54

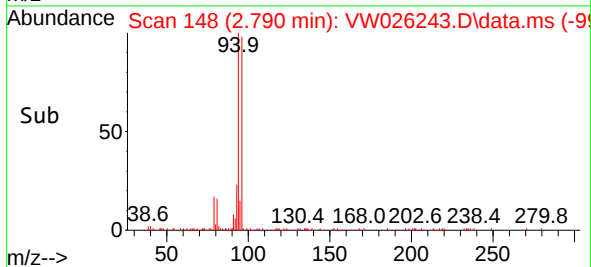
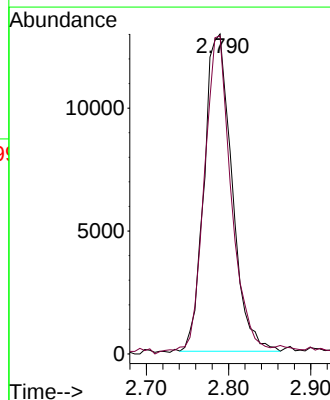
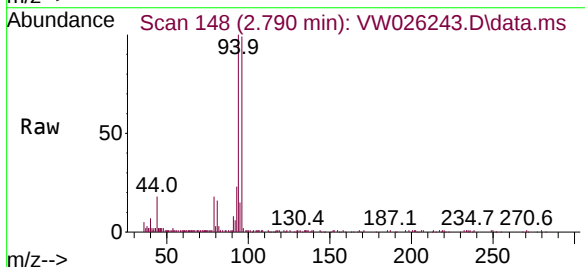
Instrument :
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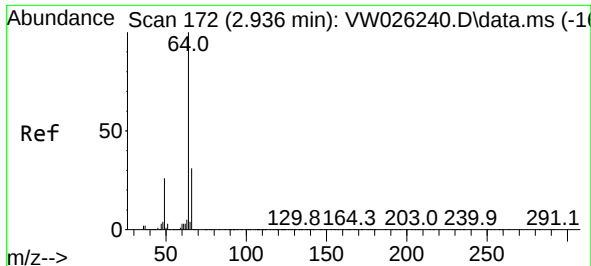
Tgt Ion: 62 Resp: 59066
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.7 42.1



#6
 Bromomethane
 Concen: 26.688 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026243.D
 Acq: 19 Jun 2023 12:54

Tgt Ion: 94 Resp: 30280
 Ion Ratio Lower Upper
 94 100
 96 99.4 64.2 119.2

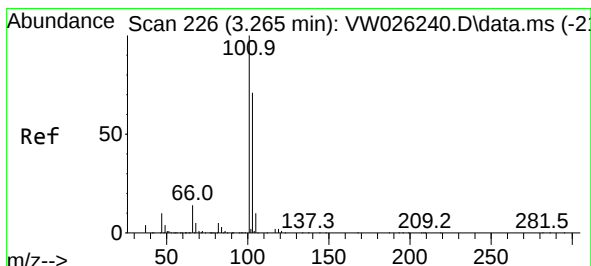
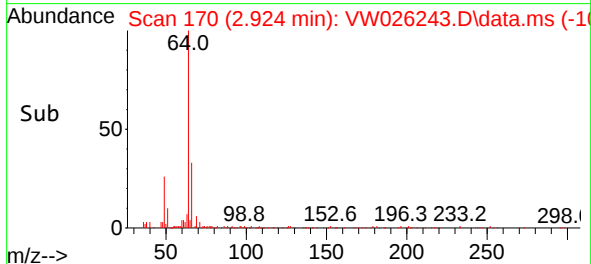
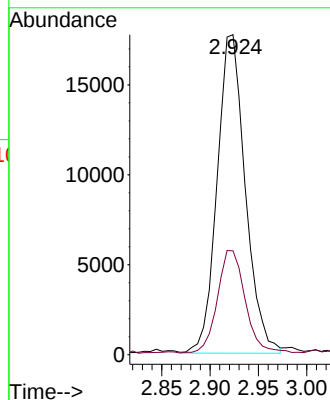
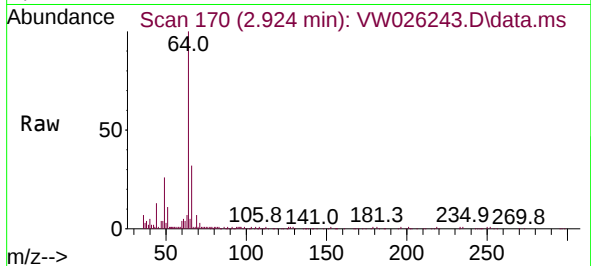




#8
Chloroethane
Concen: 31.948 ug/L
RT: 2.924 min Scan# 170
Delta R.T. -0.012 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

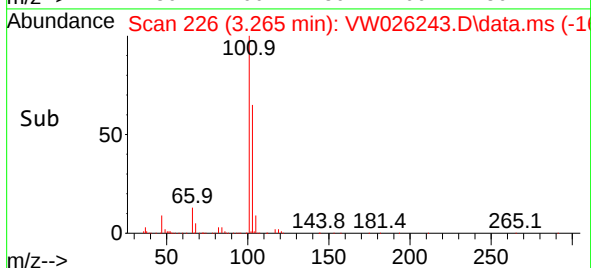
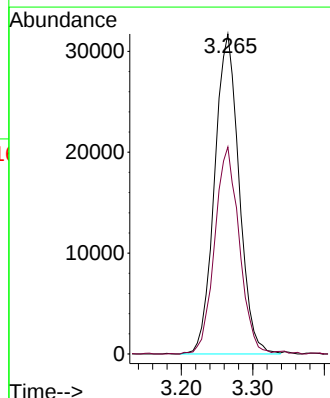
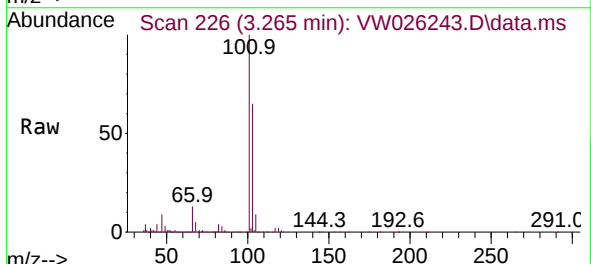
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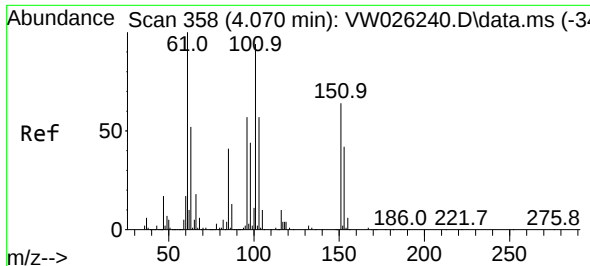
Tgt Ion: 64 Resp: 35931
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 56.306 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion:101 Resp: 75390
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

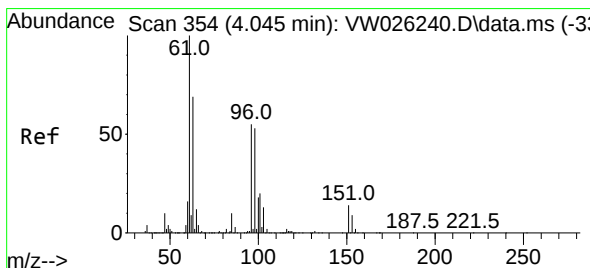
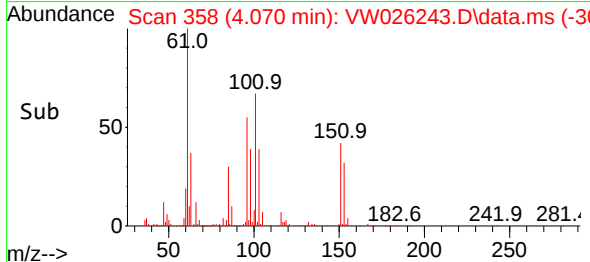
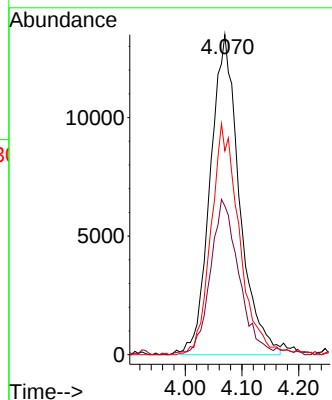
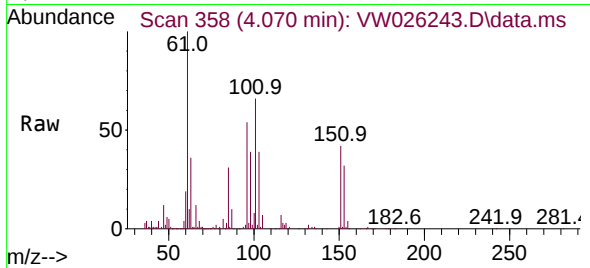




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.538 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026243.D
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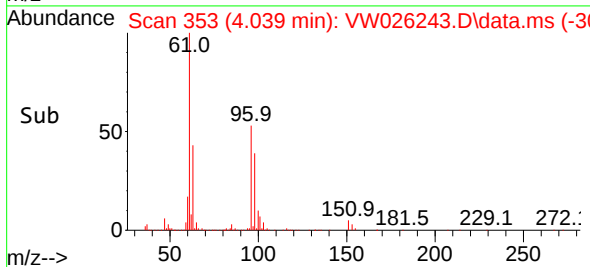
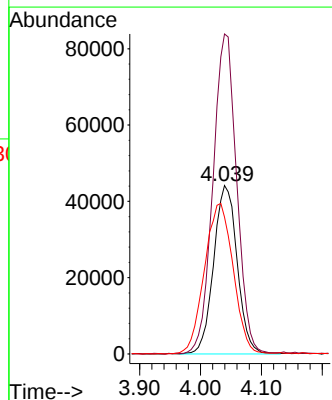
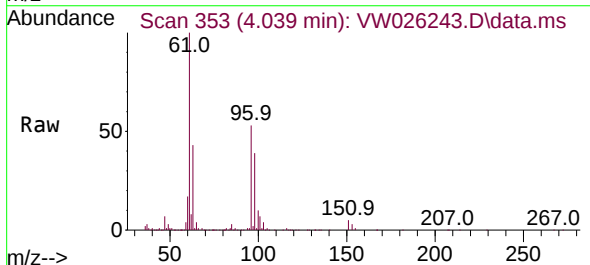
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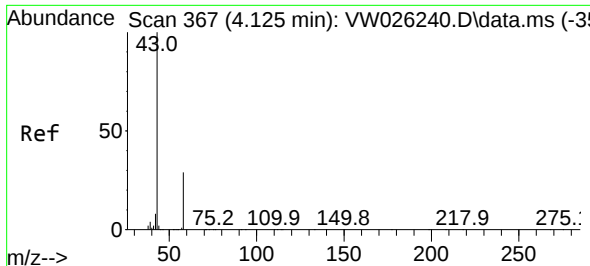
Tgt Ion:101 Resp: 48216
 Ion Ratio Lower Upper
 101 100
 85 46.3 36.1 54.1
 151 69.0 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 75.196 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
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Tgt Ion: 96 Resp: 118594
 Ion Ratio Lower Upper
 96 100
 61 189.8 140.6 261.0
 63 81.1 131.7 244.5#

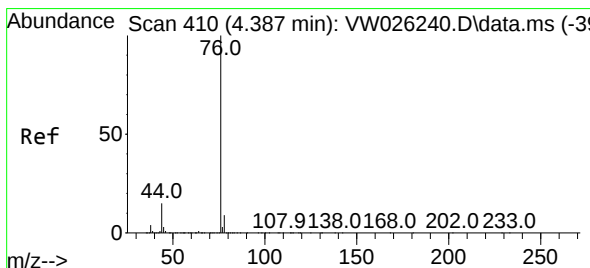
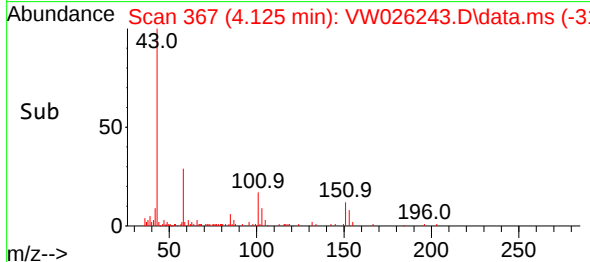
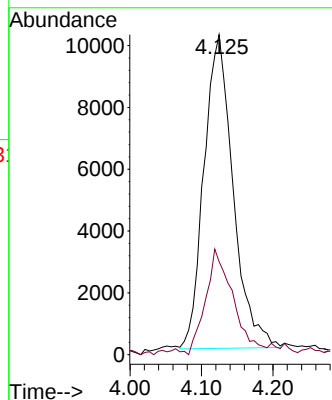
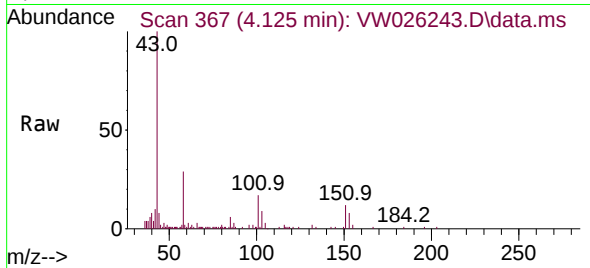




#13
Acetone
Concen: 73.284 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
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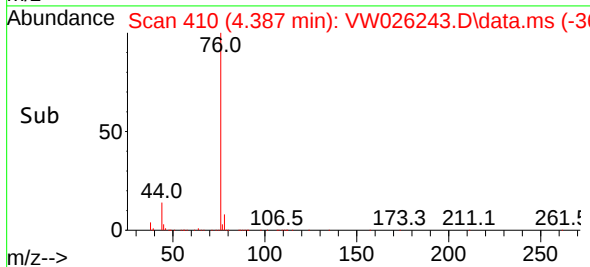
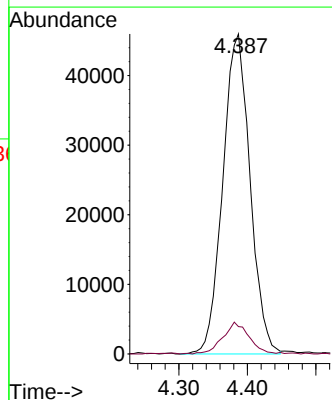
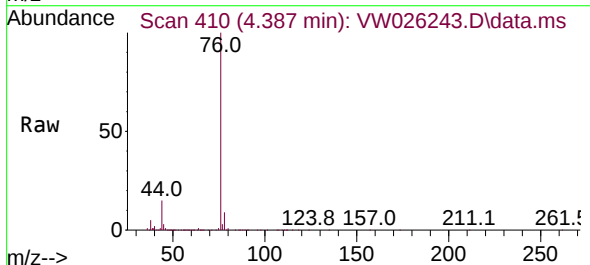
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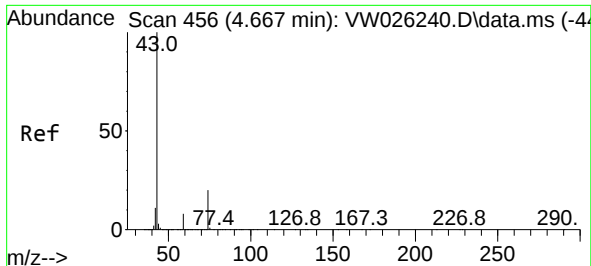
Tgt Ion: 43 Resp: 28768
Ion Ratio Lower Upper
43 100
58 32.0 0.0 58.2



#14
Carbon disulfide
Concen: 22.800 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 126941
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

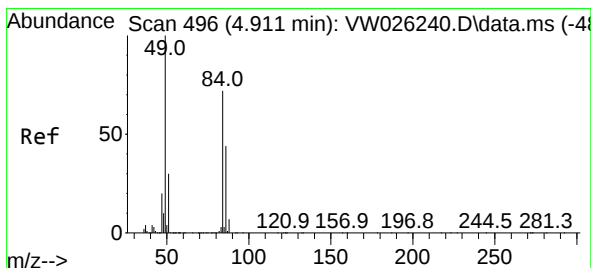
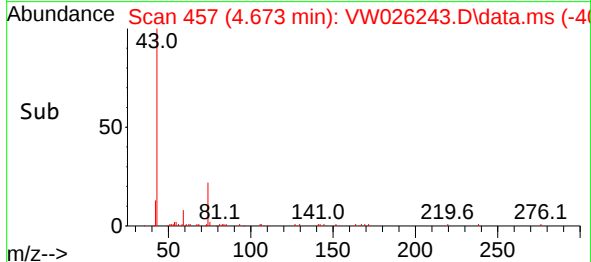
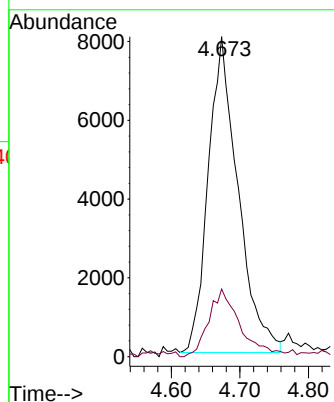
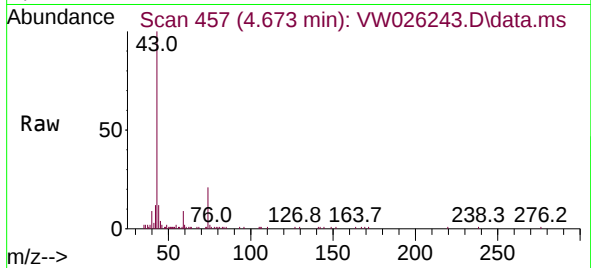




#15
Methyl Acetate
Concen: 27.495 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

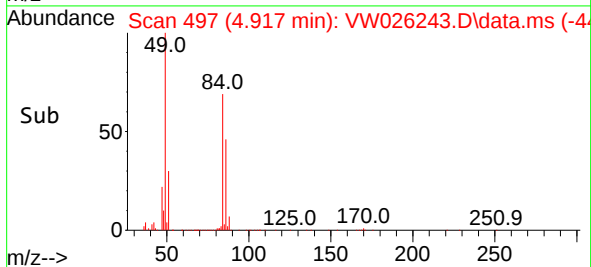
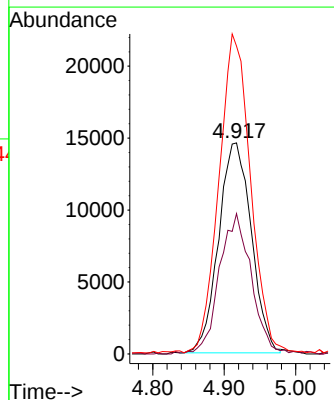
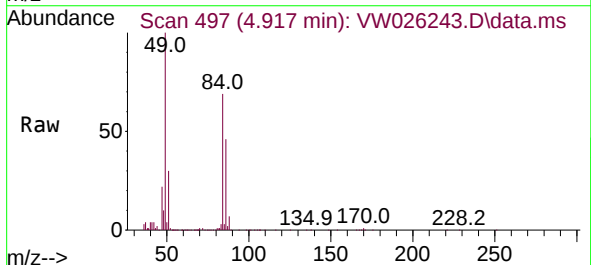
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

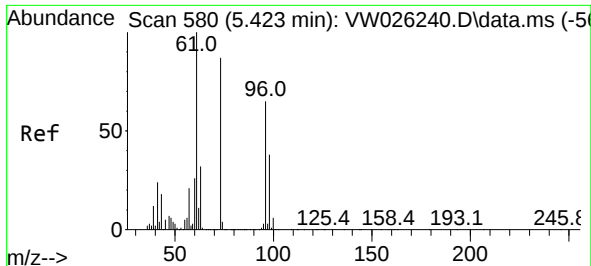
Tgt Ion: 43 Resp: 24224
Ion Ratio Lower Upper
43 100
74 21.9 16.6 25.0



#16
Methylene chloride
Concen: 23.496 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 84 Resp: 46453
Ion Ratio Lower Upper
84 100
86 66.5 44.2 82.0
49 145.9 98.8 183.6

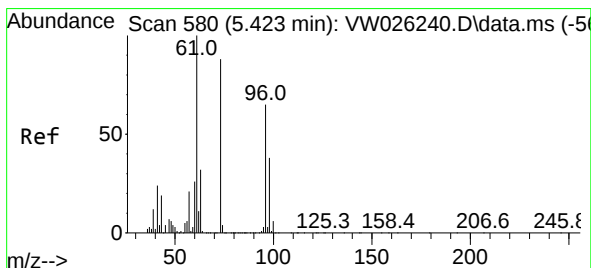
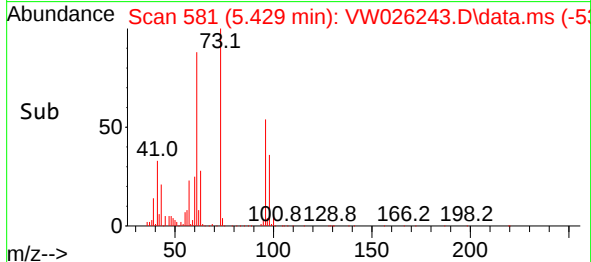
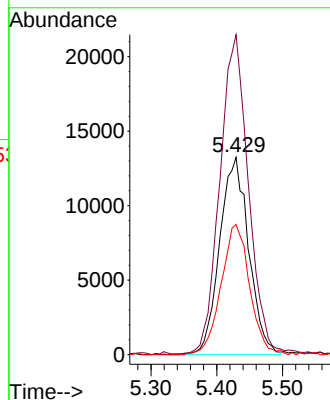
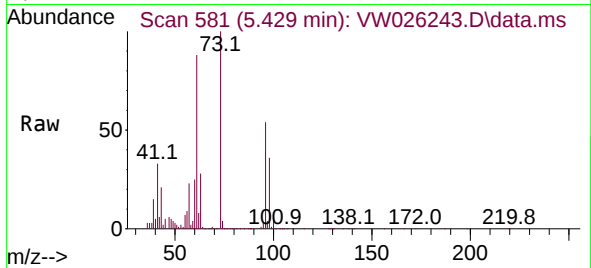




#17
trans-1,2-Dichloroethene
Concen: 22.993 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

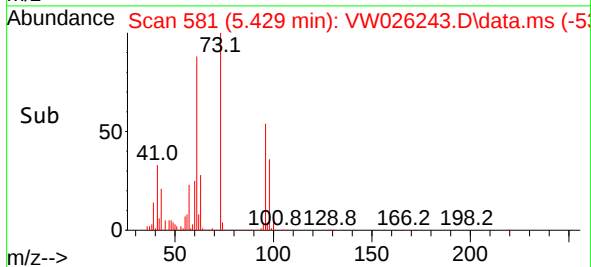
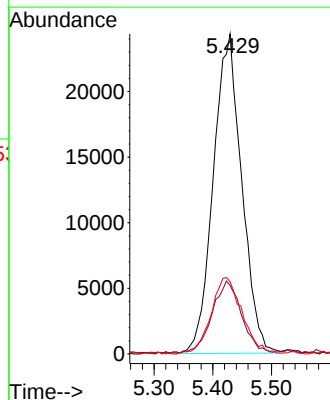
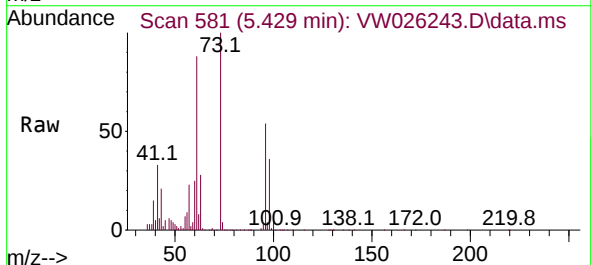
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

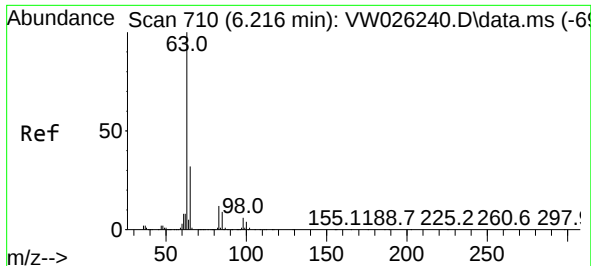
Tgt Ion: 96 Resp: 40686
Ion Ratio Lower Upper
96 100
61 162.2 113.0 209.8
98 66.1 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 29.331 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 73 Resp: 81800
Ion Ratio Lower Upper
73 100
43 23.6 17.8 26.6
57 25.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.545 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

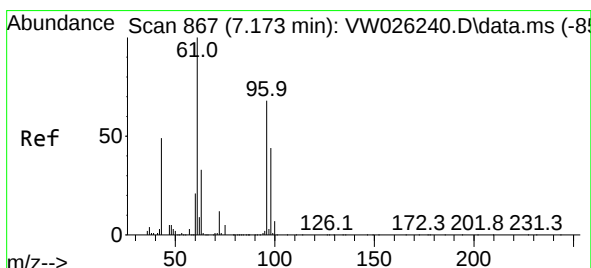
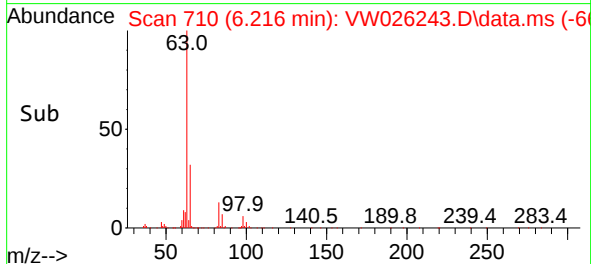
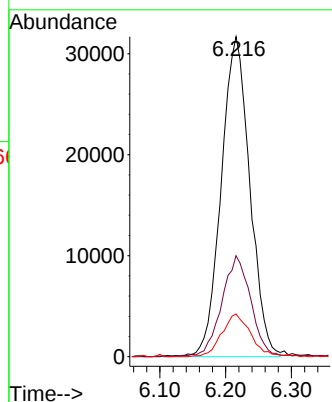
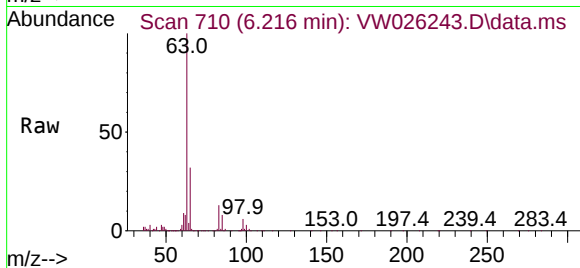
Tgt Ion: 63 Resp: 95624

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 13.3 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 24.540 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

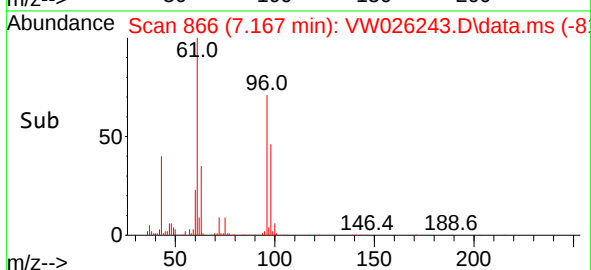
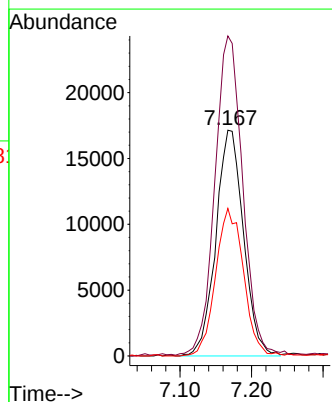
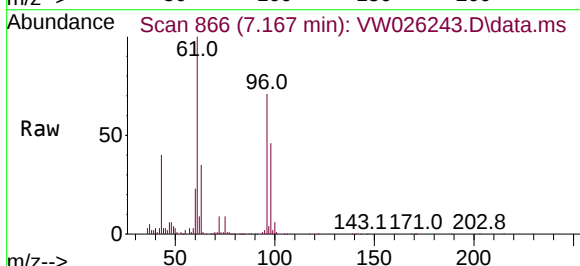
Tgt Ion: 96 Resp: 45997

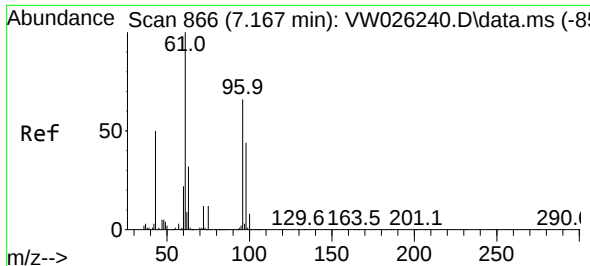
Ion Ratio Lower Upper

96 100

61 141.8 98.4 182.8

98 65.3 45.2 84.0

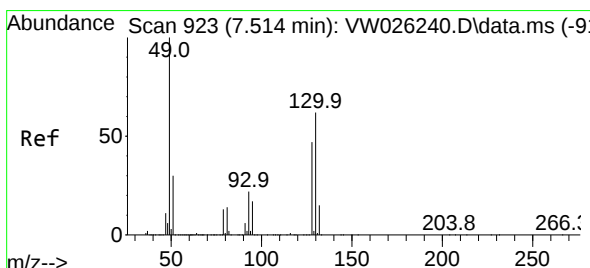
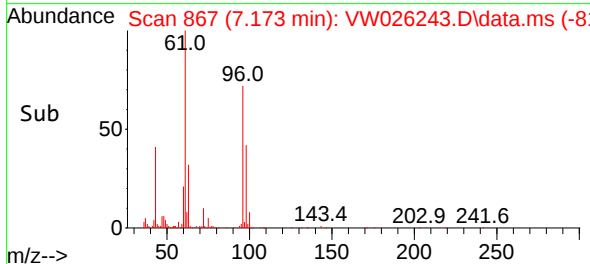
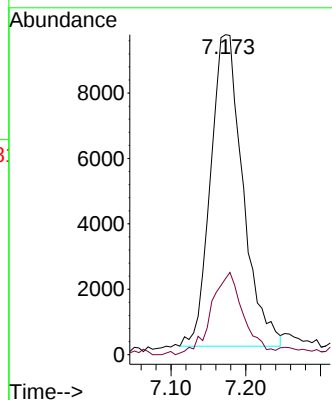
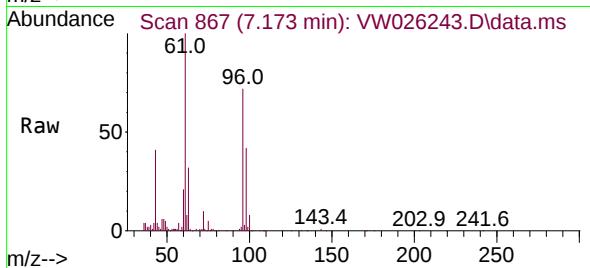




#22
2-Butanone
Concen: 51.056 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

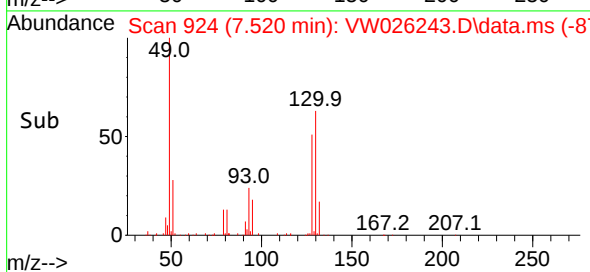
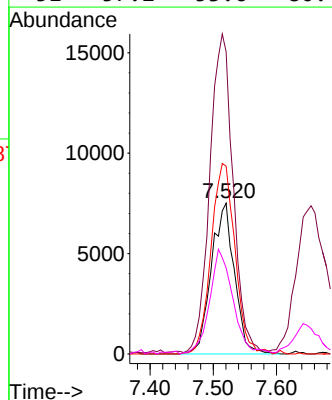
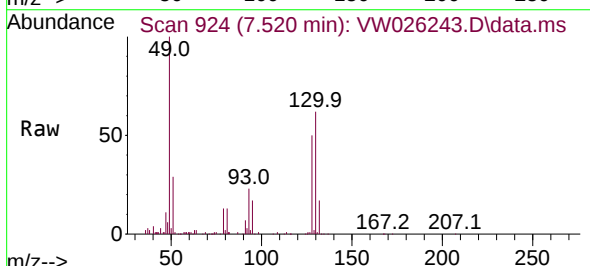
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

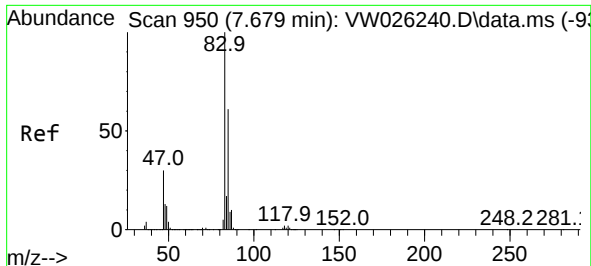
Tgt Ion: 43 Resp: 28590
Ion Ratio Lower Upper
43 100
72 26.0 12.4 37.4



#23
Bromochloromethane
Concen: 23.864 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 128 Resp: 19076
Ion Ratio Lower Upper
128 100
49 200.6 140.6 261.0
130 124.7 86.0 159.6
51 57.2 53.6 80.4

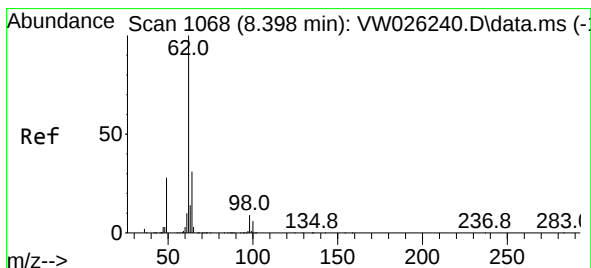
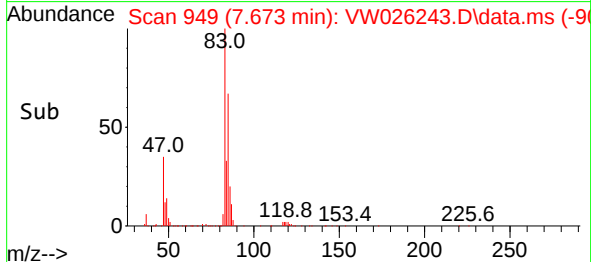
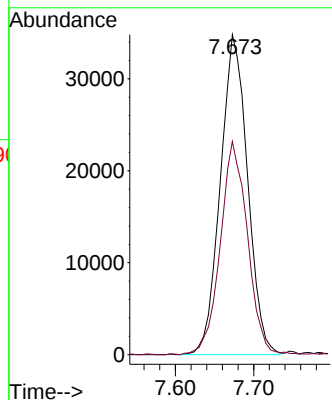
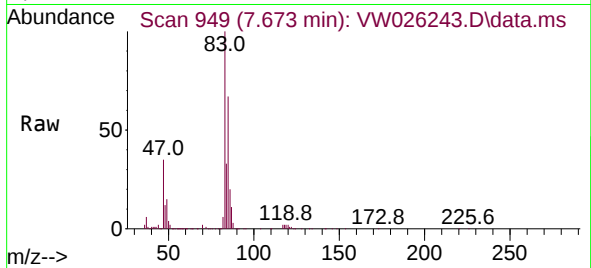




#25
Chloroform
Concen: 25.034 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

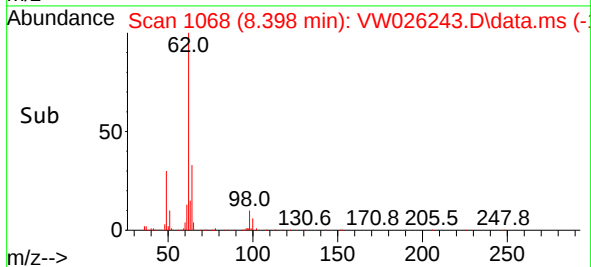
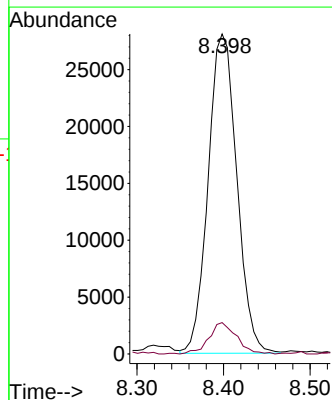
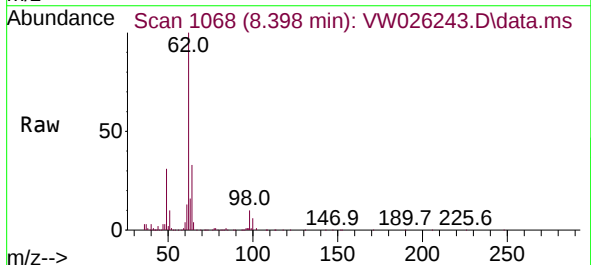
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

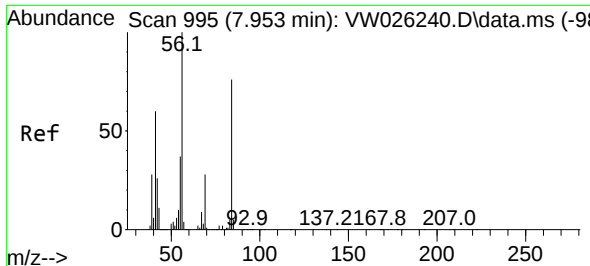
Tgt Ion: 83 Resp: 83996
Ion Ratio Lower Upper
83 100
85 66.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.924 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 62 Resp: 64620
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.2

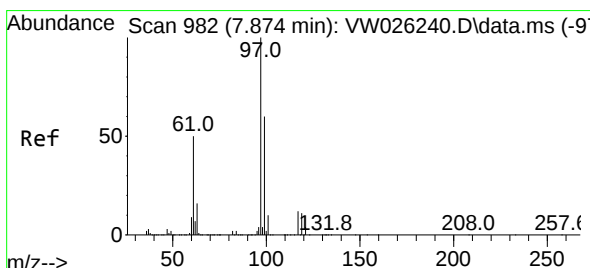
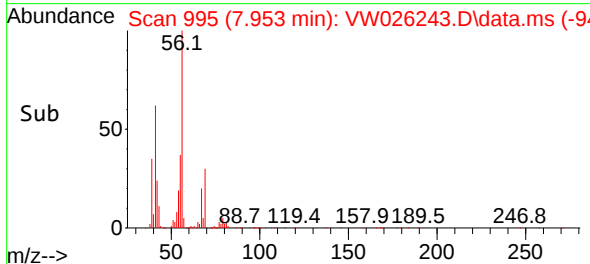
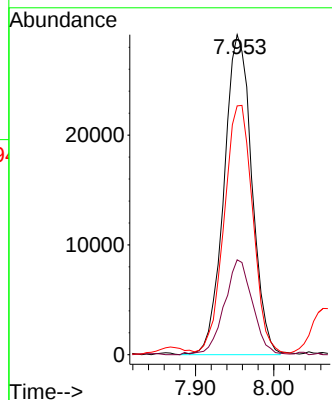
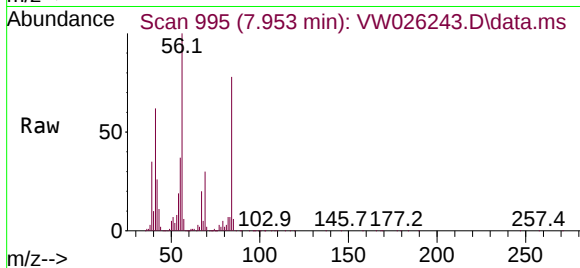




#29
Cyclohexane
Concen: 21.711 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

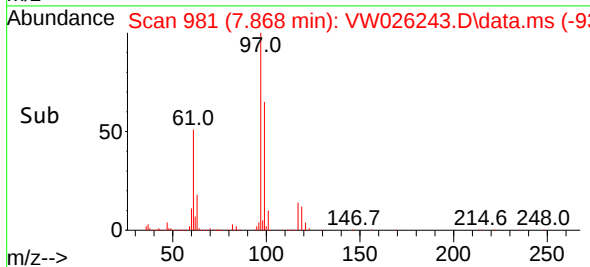
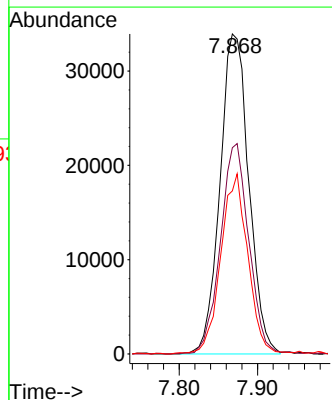
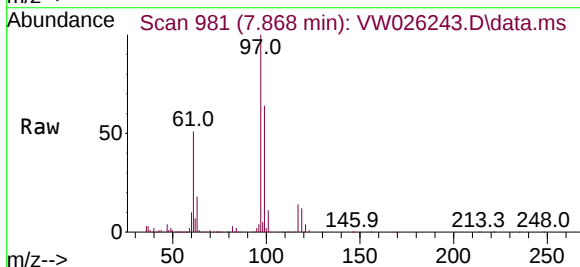
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

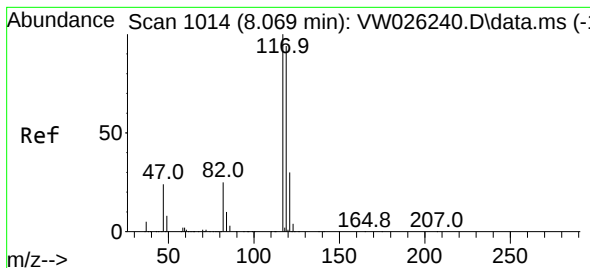
Tgt Ion:	56	Resp:	71908
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.3	34.9
84	80.5	63.0	94.6



#30
1,1,1-Trichloroethane
Concen: 33.307 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion:	97	Resp:	86712
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	52.7	40.5	60.7





#31

Carbon tetrachloride

Concen: 26.500 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

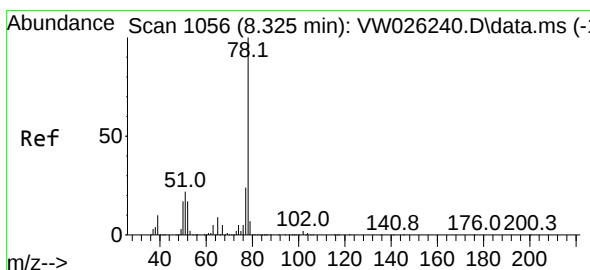
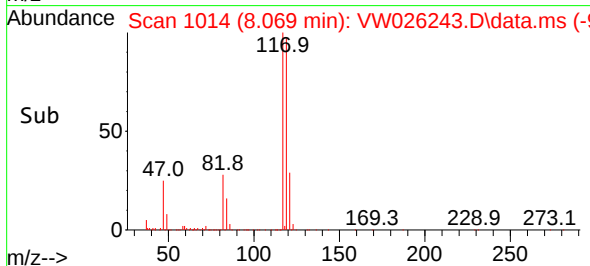
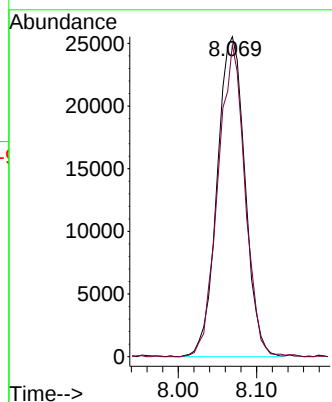
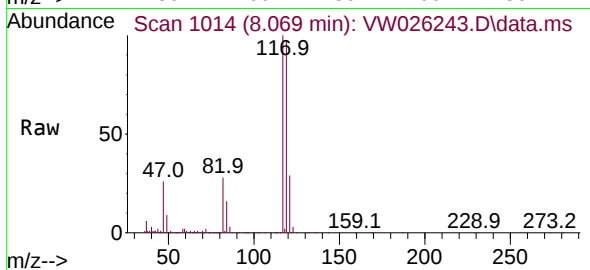
YBW10MSD

Tgt Ion:117 Resp: 62958

Ion Ratio Lower Upper

117 100

119 94.5 77.4 116.2



#33

Benzene

Concen: 25.000 ug/L

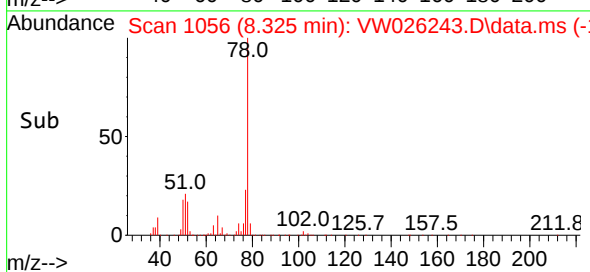
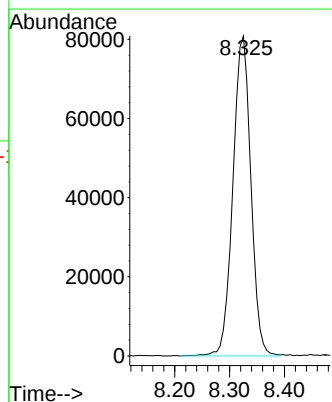
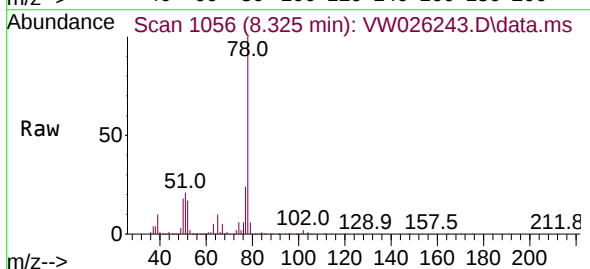
RT: 8.325 min Scan# 1056

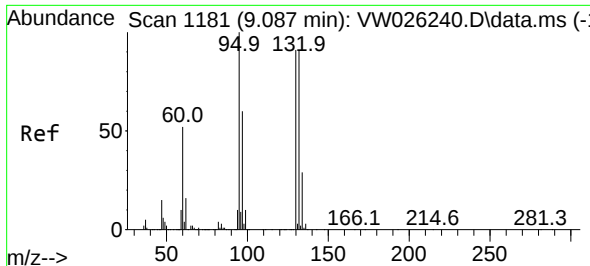
Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Tgt Ion: 78 Resp: 183726





#34

Trichloroethene

Concen: 23.963 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

Tgt Ion: 95 Resp: 45094

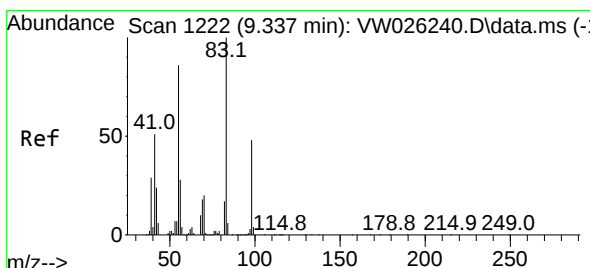
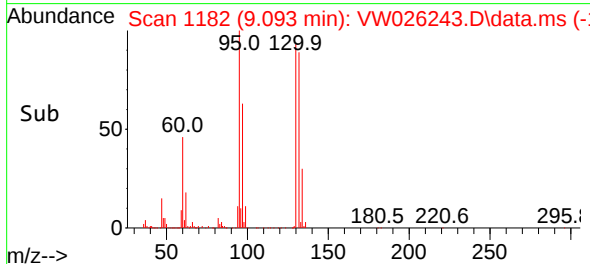
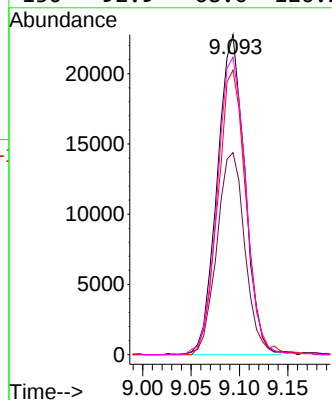
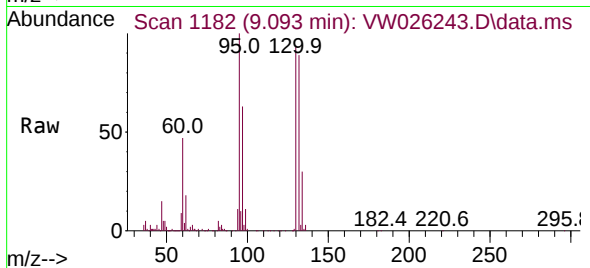
Ion Ratio Lower Upper

95 100

97 63.2 45.9 85.3

132 88.9 67.1 124.7

130 92.9 68.0 126.2



#35

Methylcyclohexane

Concen: 21.637 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

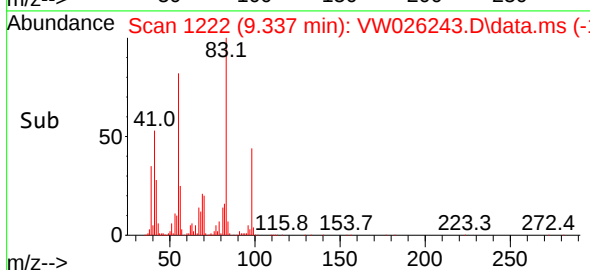
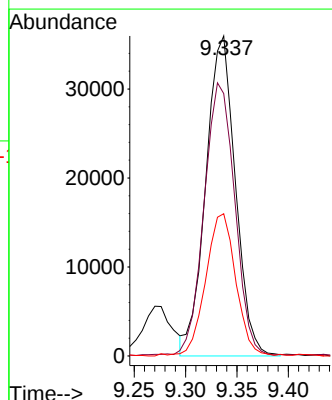
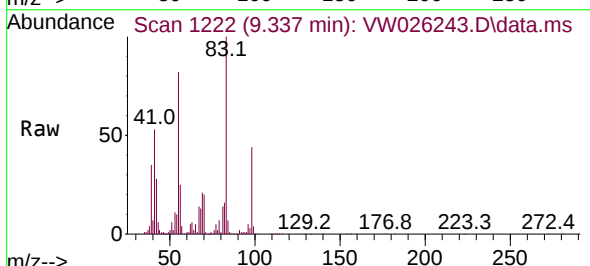
Tgt Ion: 83 Resp: 72049

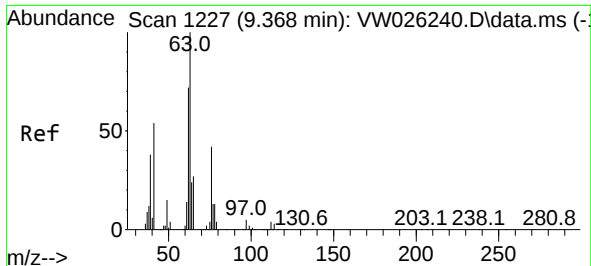
Ion Ratio Lower Upper

83 100

55 88.1 68.2 102.4

98 45.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 25.838 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

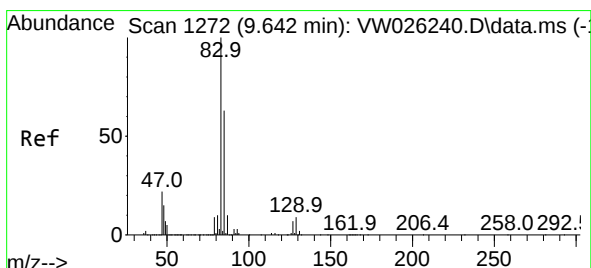
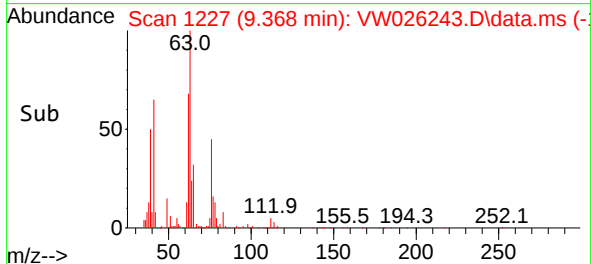
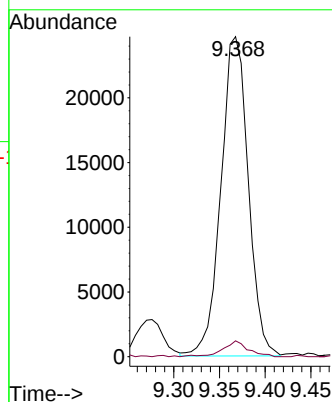
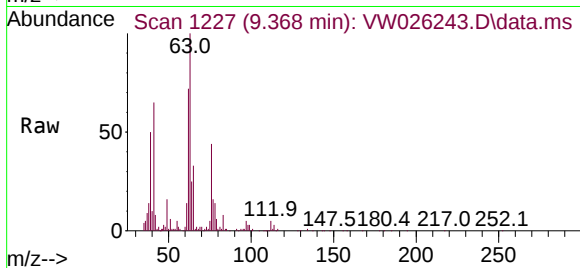
YBW10MSD

Tgt Ion: 63 Resp: 51431

Ion Ratio Lower Upper

63 100

112 4.4 3.3 4.9



#38

Bromodichloromethane

Concen: 24.893 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

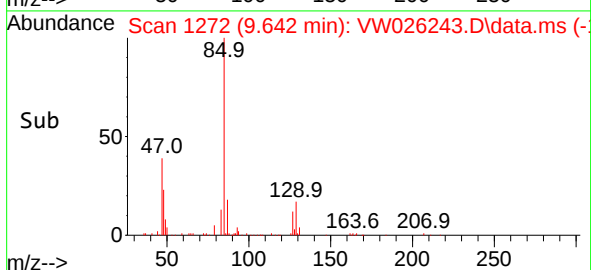
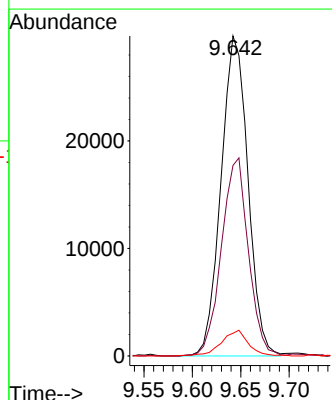
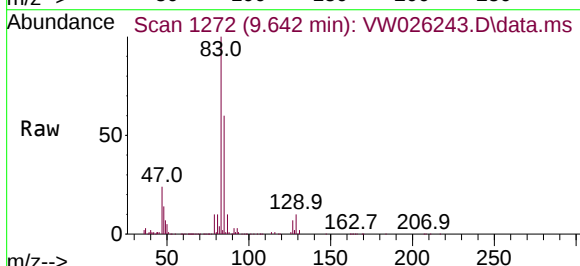
Tgt Ion: 83 Resp: 57568

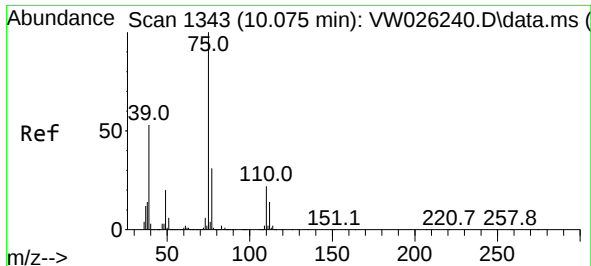
Ion Ratio Lower Upper

83 100

85 59.6 44.2 82.0

127 7.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 20.812 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

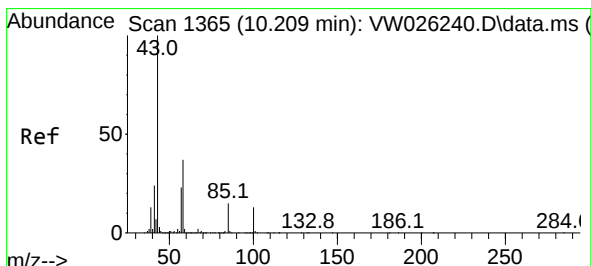
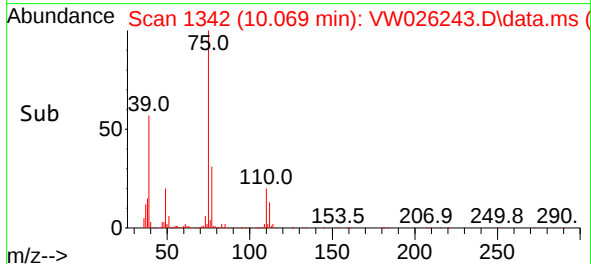
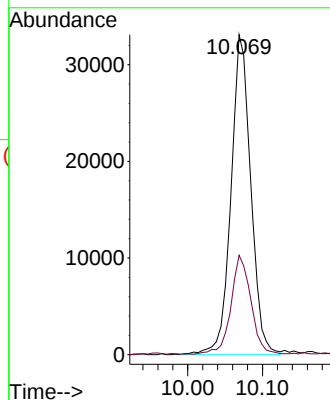
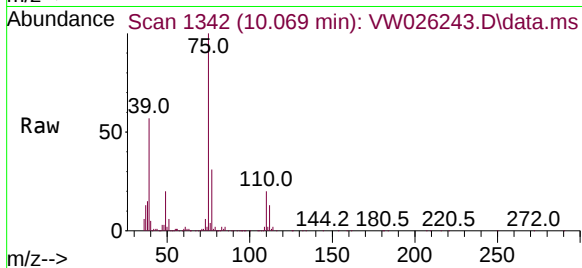
YBW10MSD

Tgt Ion: 75 Resp: 60879

Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 37.803 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

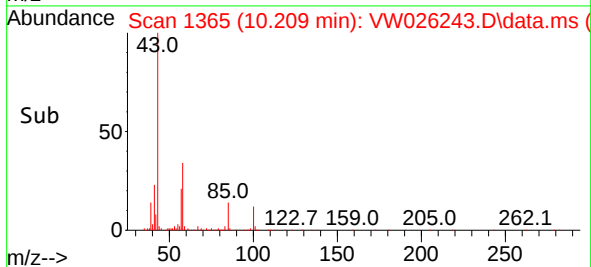
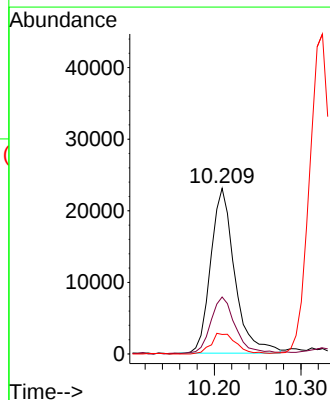
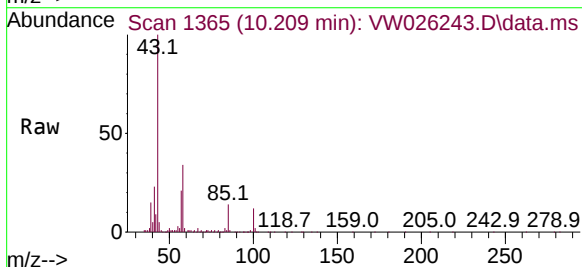
Tgt Ion: 43 Resp: 44364

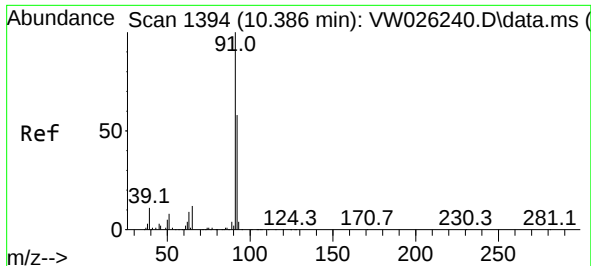
Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.4

100 13.1 10.5 15.7

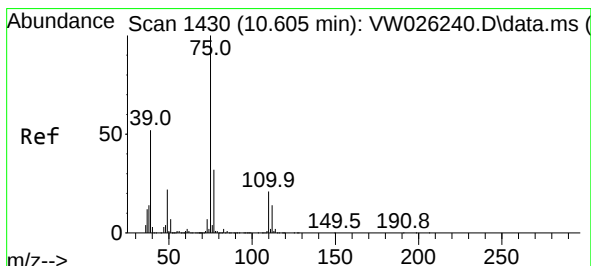
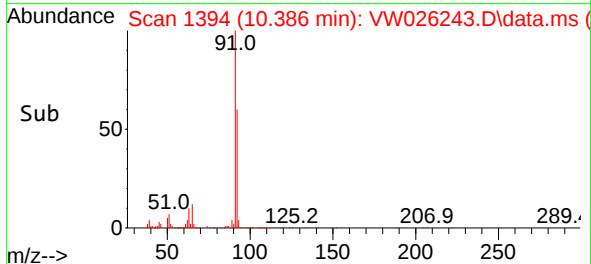
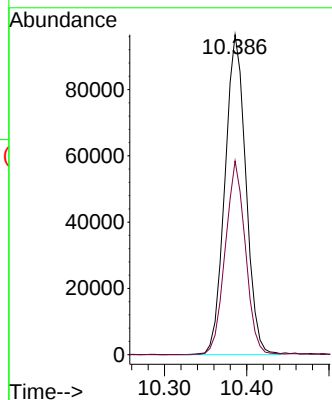
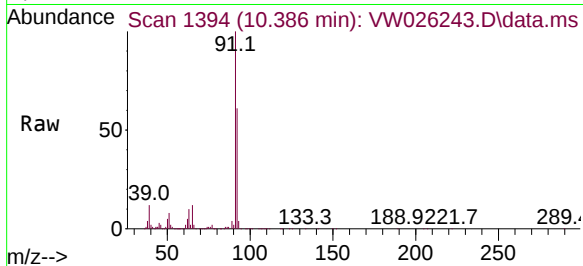




#42
Toluene
Concen: 22.742 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

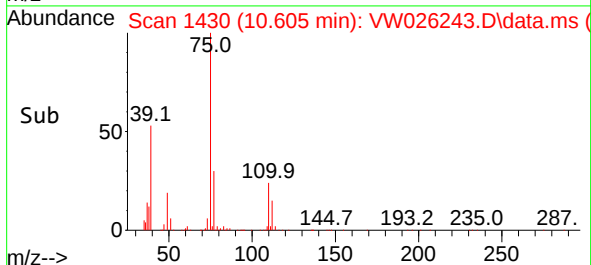
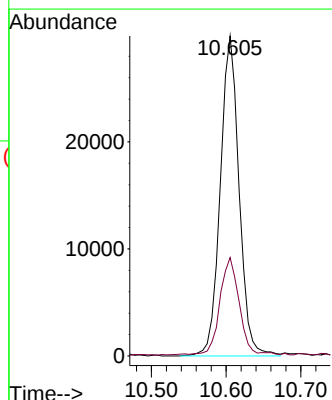
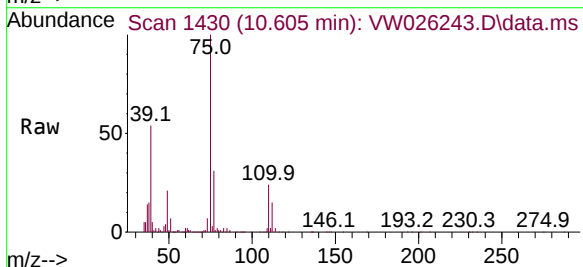
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

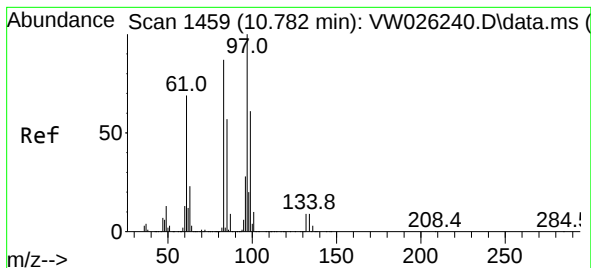
Tgt Ion: 91 Resp: 170945
Ion Ratio Lower Upper
91 100
92 60.5 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.478 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 75 Resp: 52342
Ion Ratio Lower Upper
75 100
77 30.8 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 25.414 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

Tgt Ion: 97 Resp: 33340

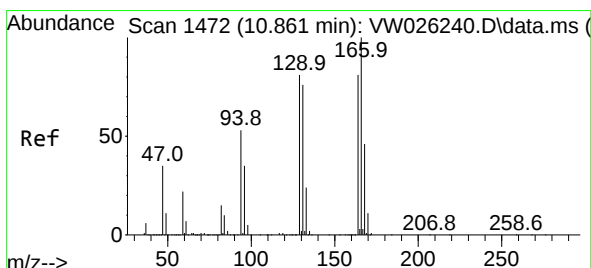
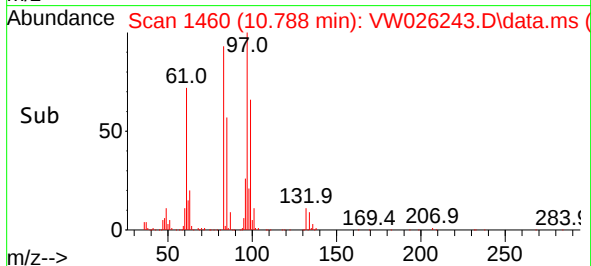
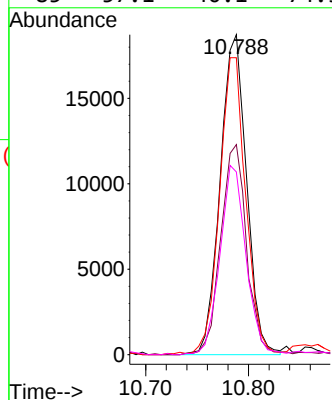
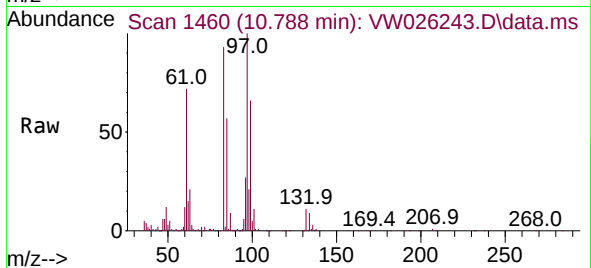
Ion Ratio Lower Upper

97 100

99 65.6 43.3 80.5

83 92.8 62.9 116.9

85 57.1 40.1 74.5



#46

Tetrachloroethene

Concen: 23.902 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Tgt Ion:164 Resp: 31815

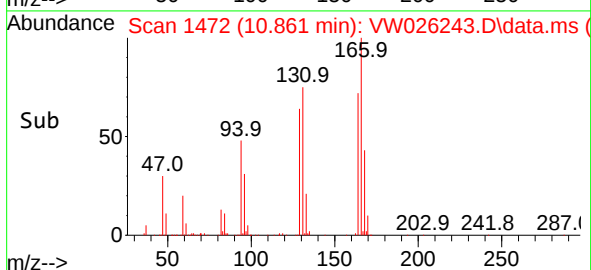
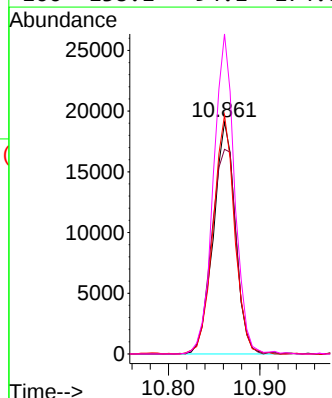
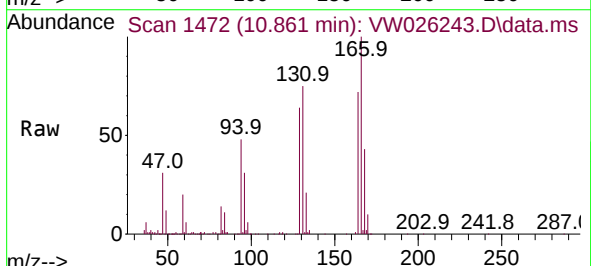
Ion Ratio Lower Upper

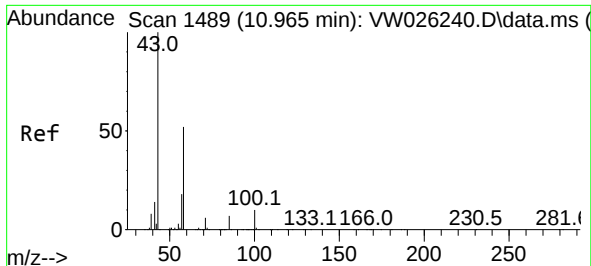
164 100

129 88.3 68.5 127.1

131 103.1 67.1 124.7

166 138.1 94.1 174.8

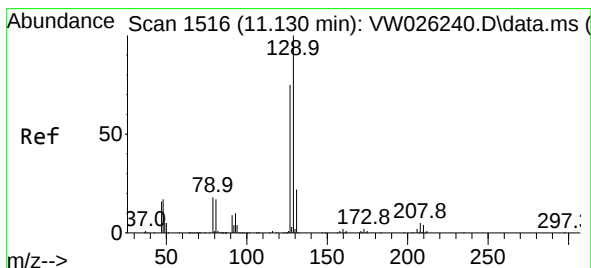
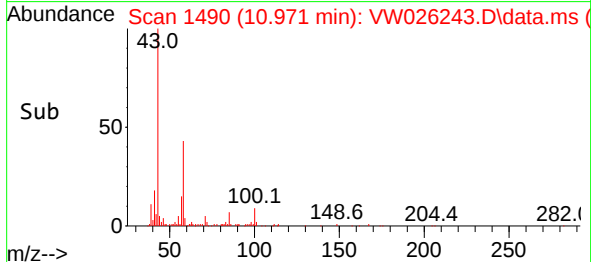
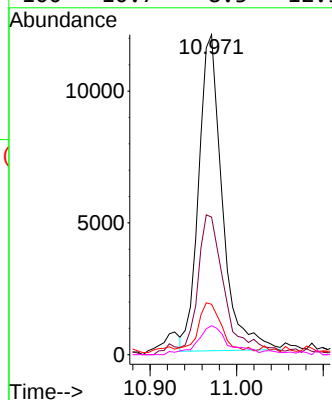
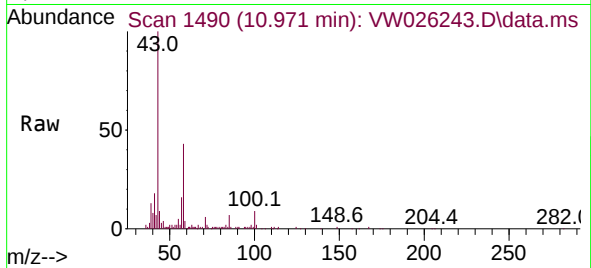




#48
2-Hexanone
Concen: 27.455 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

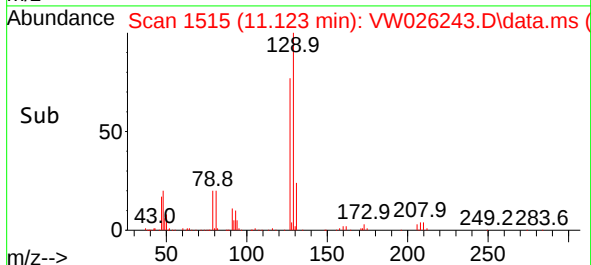
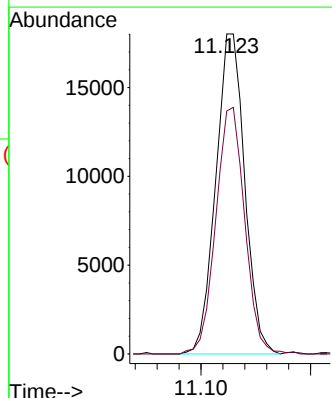
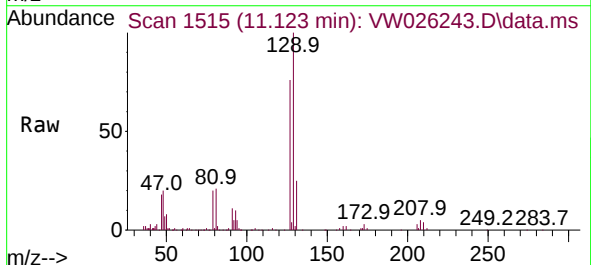
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

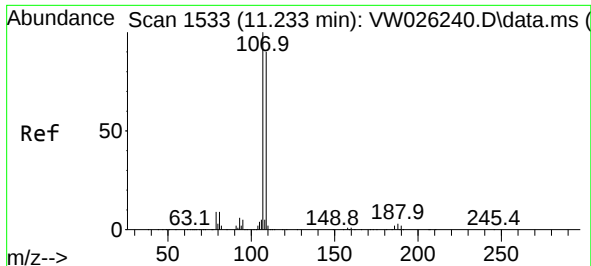
Tgt Ion: 43 Resp: 22718
Ion Ratio Lower Upper
43 100
58 48.5 42.2 63.2
57 15.7 14.2 21.2
100 10.7 8.3 12.5



#49
Dibromochloromethane
Concen: 24.031 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 129 Resp: 33053
Ion Ratio Lower Upper
129 100
127 75.9 56.9 105.7

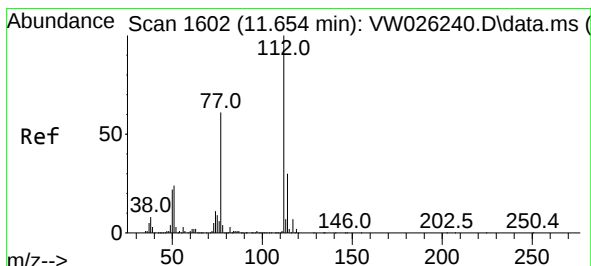
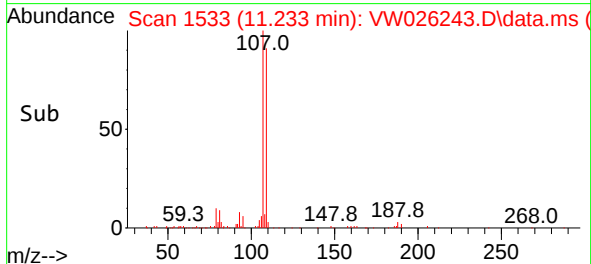
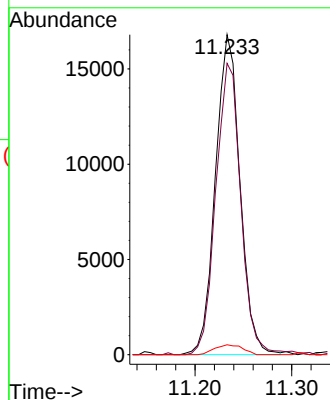
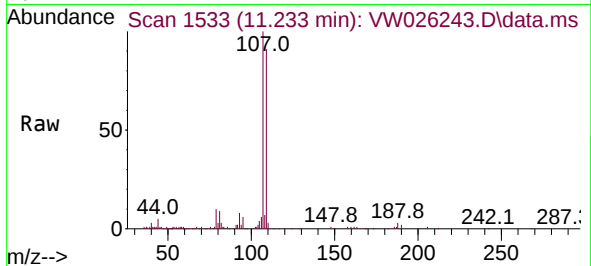




#50
1,2-Dibromoethane
Concen: 24.381 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

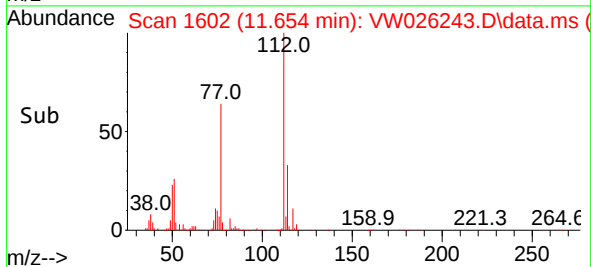
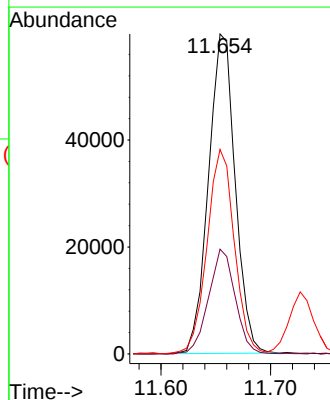
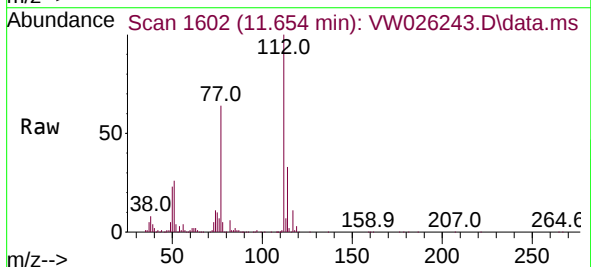
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

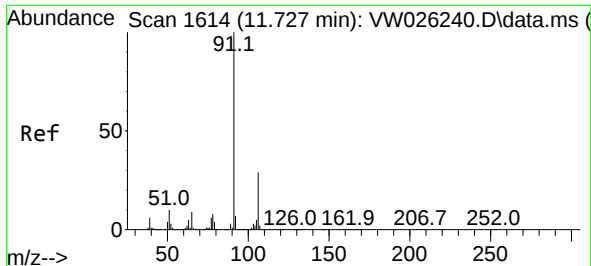
Tgt Ion:107 Resp: 29616
Ion Ratio Lower Upper
107 100
109 91.1 64.0 119.0
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 21.480 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion:112 Resp: 101177
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.6
77 63.9 50.9 76.3

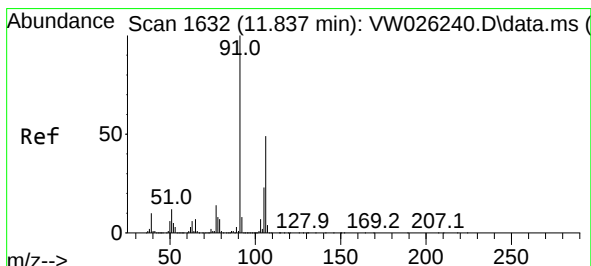
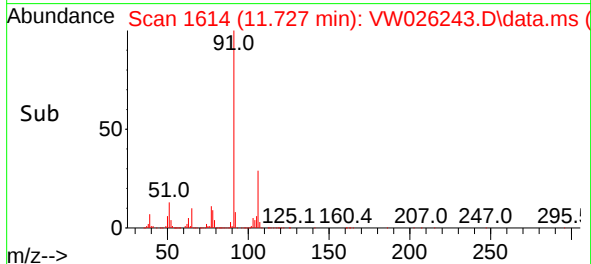
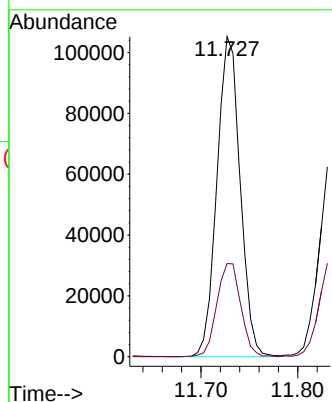
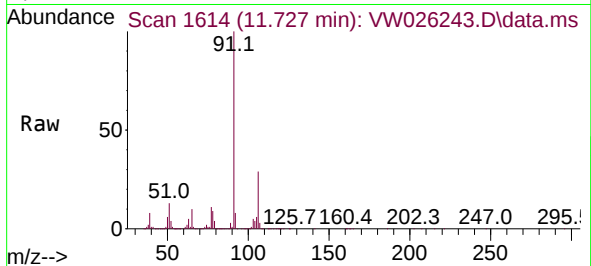




#52
Ethylbenzene
Concen: 20.668 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

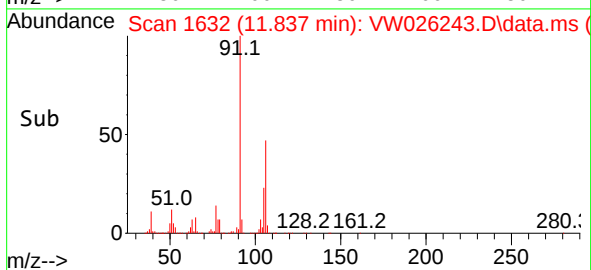
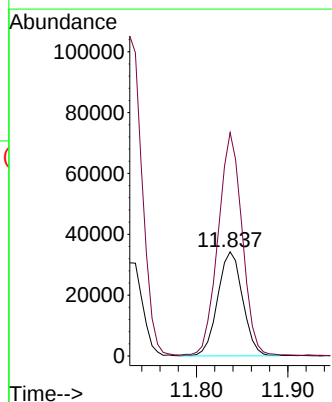
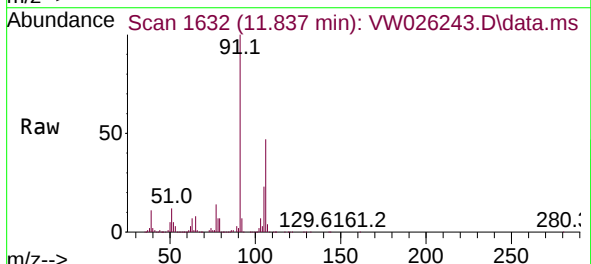
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

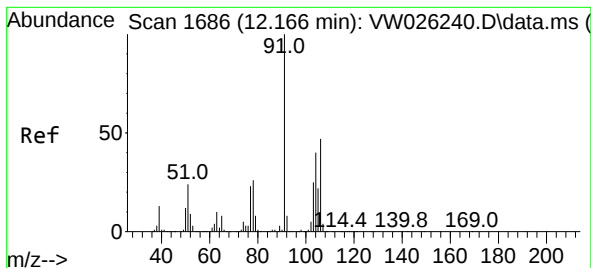
Tgt Ion: 91 Resp: 175255
Ion Ratio Lower Upper
91 100
106 29.1 21.2 39.4



#53
m,p-Xylene
Concen: 20.576 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion: 106 Resp: 64905
Ion Ratio Lower Upper
106 100
91 214.5 149.5 277.7





#54

o-Xylene

Concen: 20.749 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

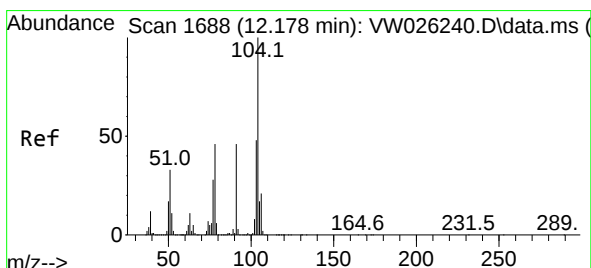
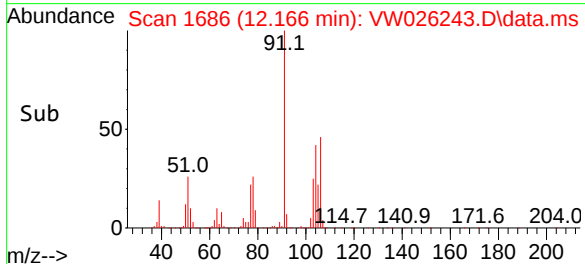
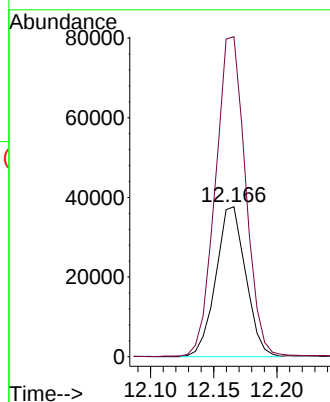
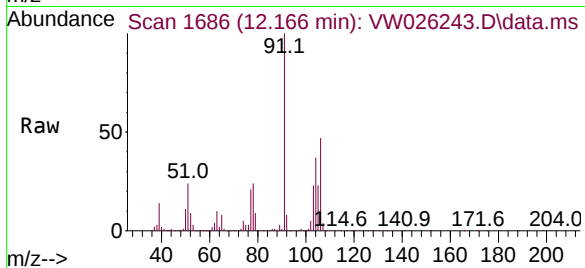
YBW10MSD

Tgt Ion:106 Resp: 61775

Ion Ratio Lower Upper

106 100

91 213.5 150.9 280.3



#55

Styrene

Concen: 19.574 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026243.D

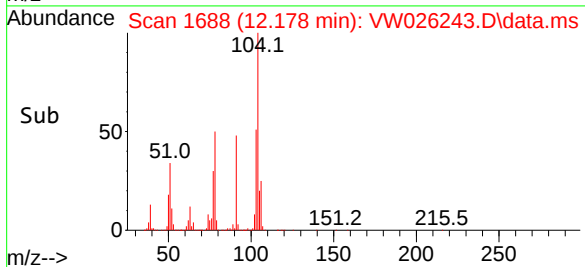
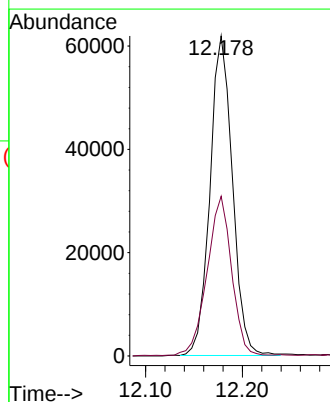
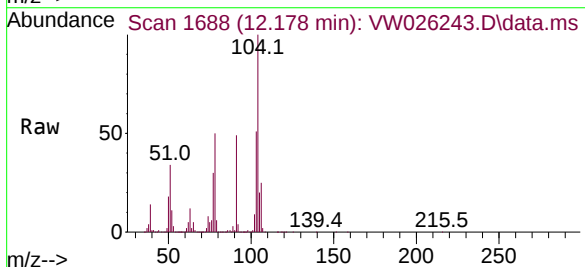
Acq: 19 Jun 2023 12:54

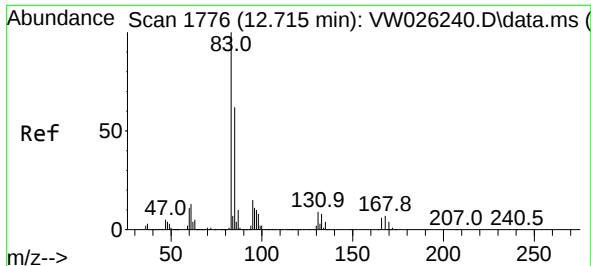
Tgt Ion:104 Resp: 99980

Ion Ratio Lower Upper

104 100

78 49.9 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.606 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

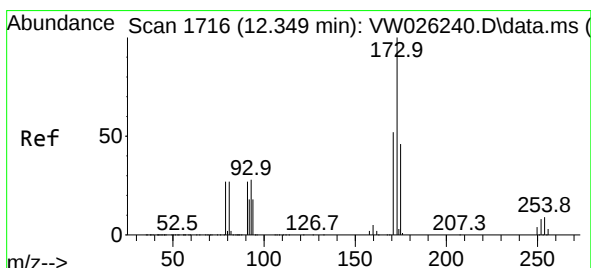
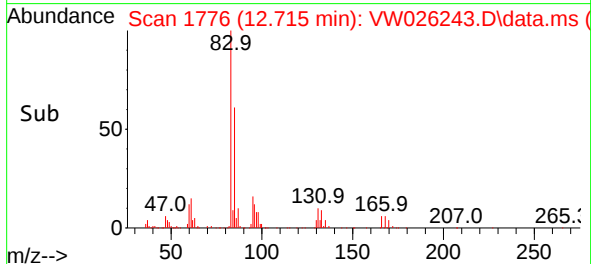
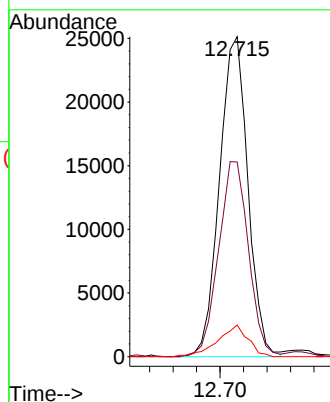
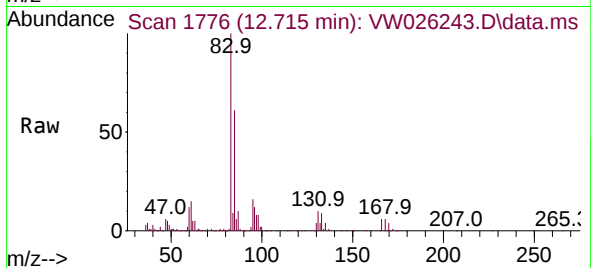
Tgt Ion: 83 Resp: 42241

Ion Ratio Lower Upper

83 100

85 60.8 42.6 79.0

131 9.9 7.2 10.8



#59

Bromoform

Concen: 23.710 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

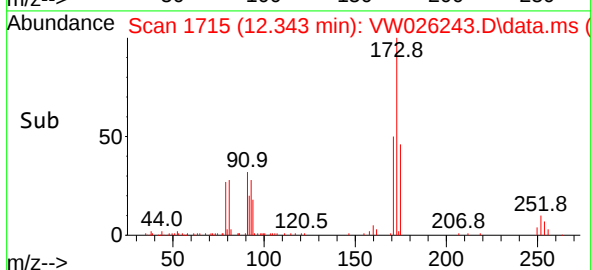
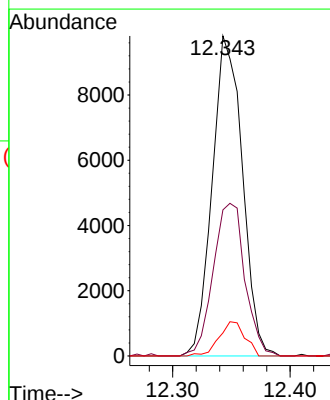
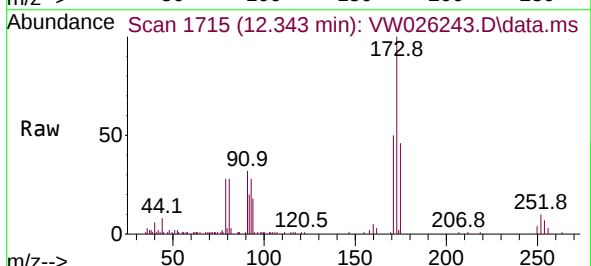
Tgt Ion: 173 Resp: 17474

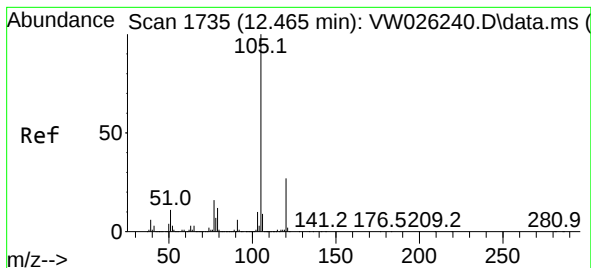
Ion Ratio Lower Upper

173 100

175 50.2 38.6 57.8

254 9.0 7.4 11.0





#60

Isopropylbenzene

Concen: 22.781 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

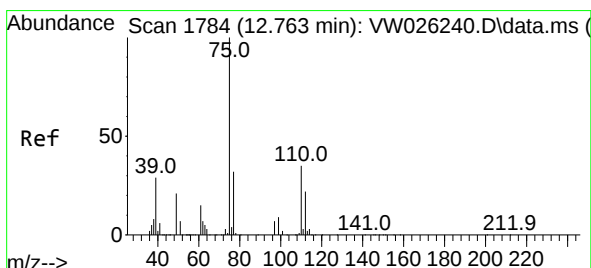
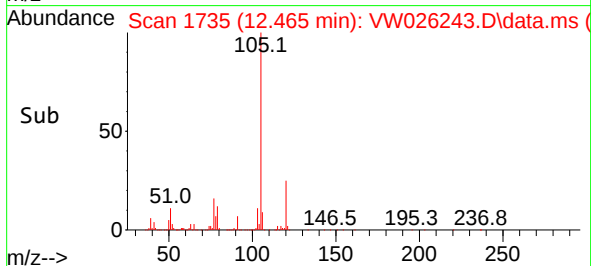
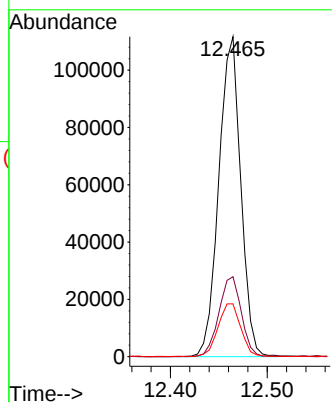
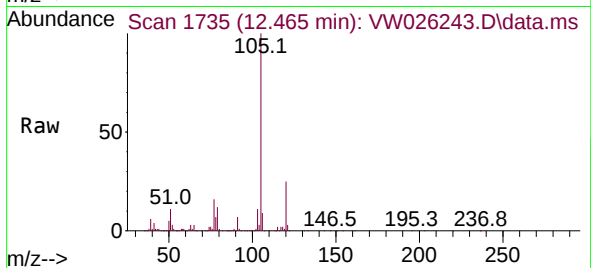
Tgt Ion:105 Resp: 175604

Ion Ratio Lower Upper

105 100

120 25.5 19.8 29.8

77 17.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 27.721 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

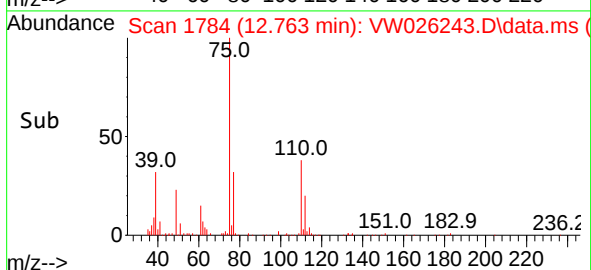
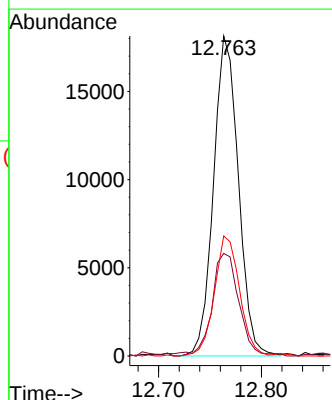
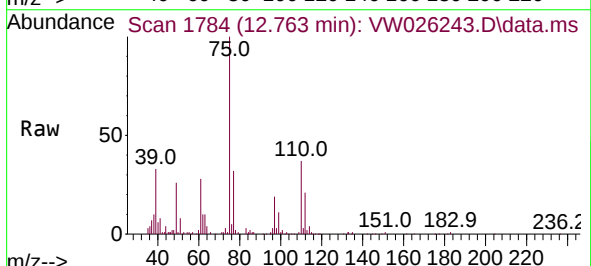
Tgt Ion: 75 Resp: 30469

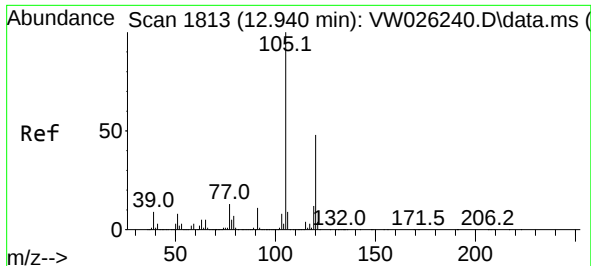
Ion Ratio Lower Upper

75 100

77 33.8 25.2 37.8

110 37.9 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 19.718 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

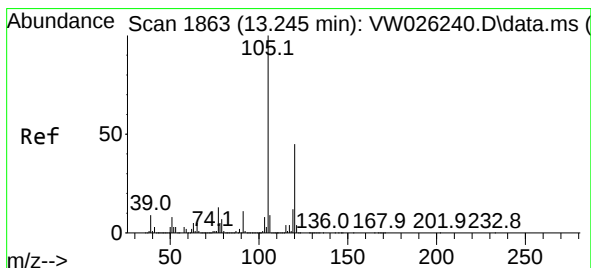
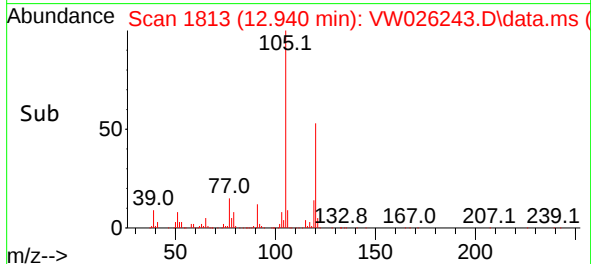
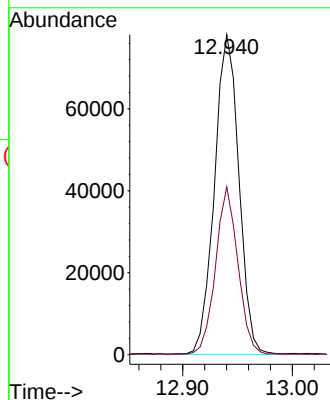
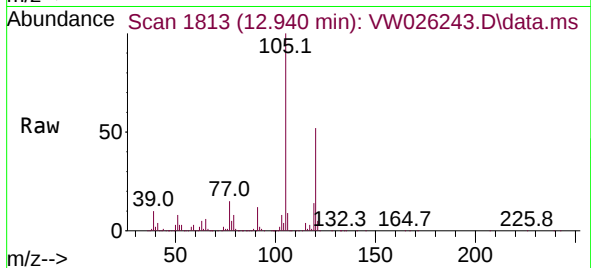
YBW10MSD

Tgt Ion:105 Resp: 120824

Ion Ratio Lower Upper

105 100

120 47.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 18.939 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026243.D

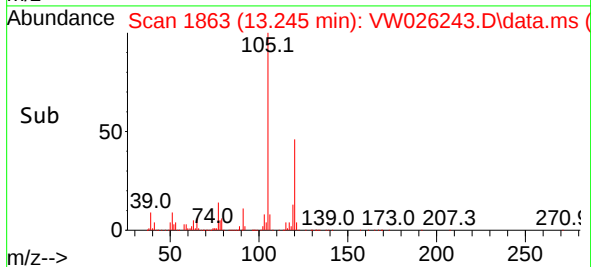
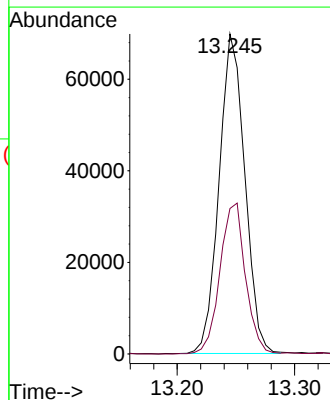
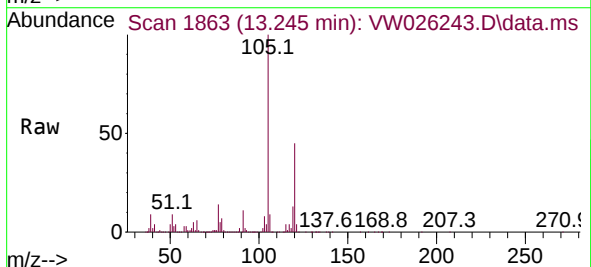
Acq: 19 Jun 2023 12:54

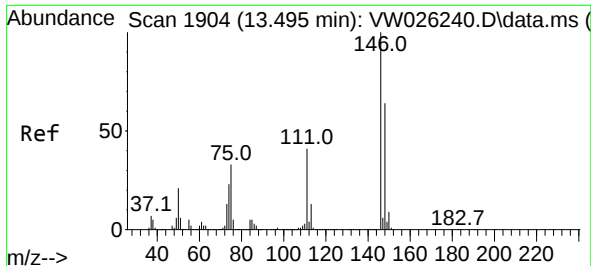
Tgt Ion:105 Resp: 106290

Ion Ratio Lower Upper

105 100

120 46.9 36.2 54.2

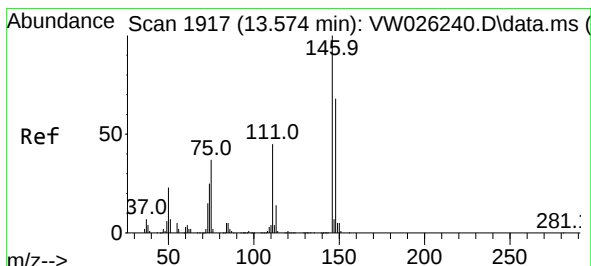
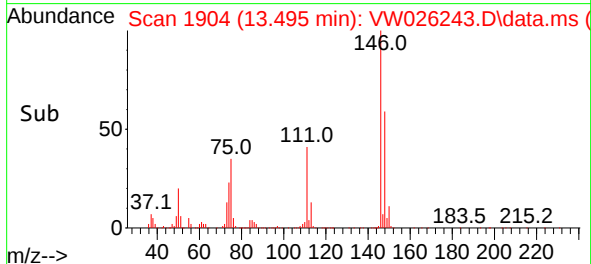
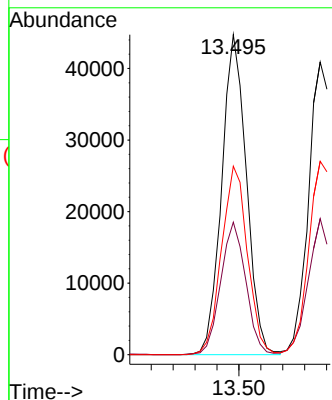
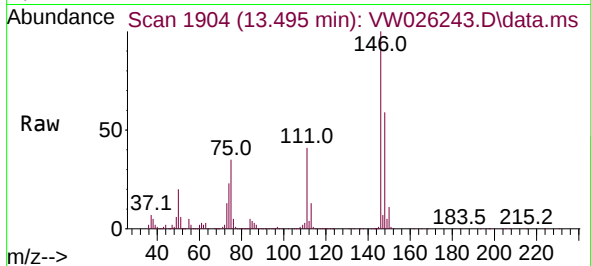




#64
1,3-Dichlorobenzene
Concen: 21.619 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

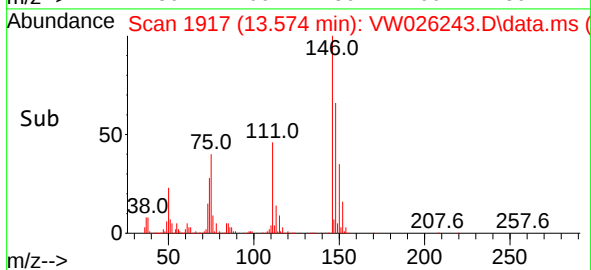
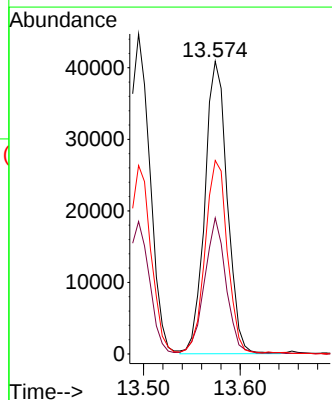
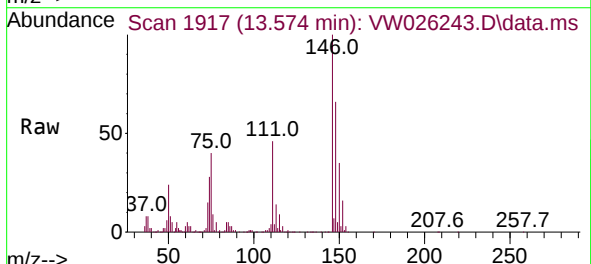
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

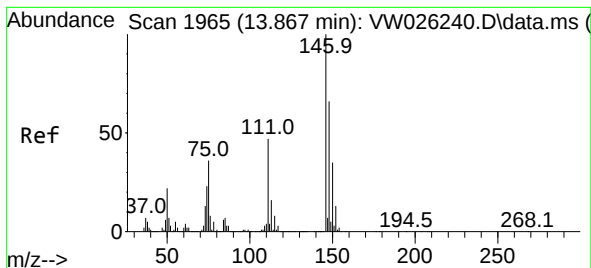
Tgt Ion:146 Resp: 70067
Ion Ratio Lower Upper
146 100
111 41.4 29.7 55.1
148 58.9 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.224 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026243.D
Acq: 19 Jun 2023 12:54

Tgt Ion:146 Resp: 65990
Ion Ratio Lower Upper
146 100
111 46.5 29.2 54.2
148 66.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 19.849 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

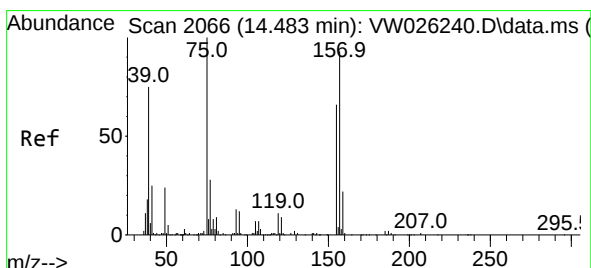
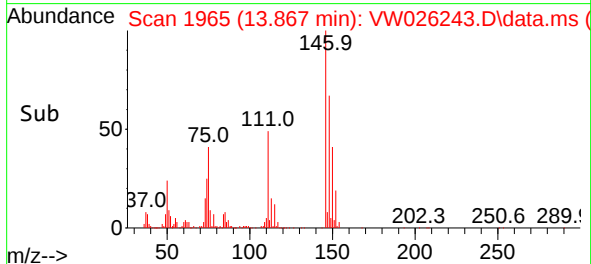
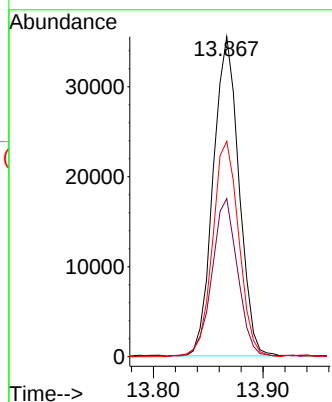
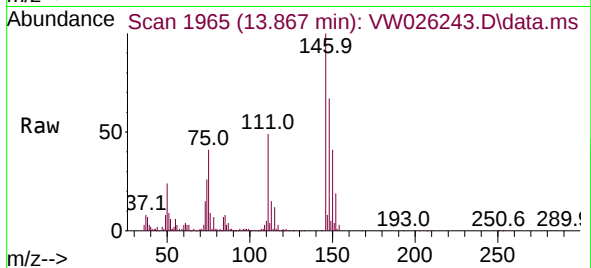
Tgt Ion:146 Resp: 57767

Ion Ratio Lower Upper

146 100

111 49.4 35.4 53.0

148 67.3 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.138 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

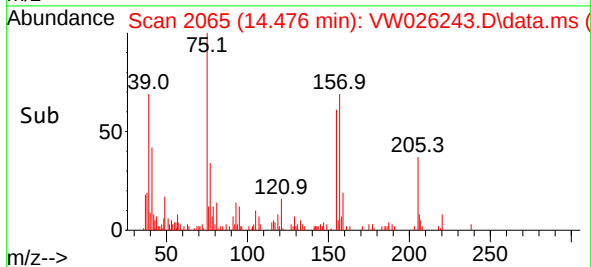
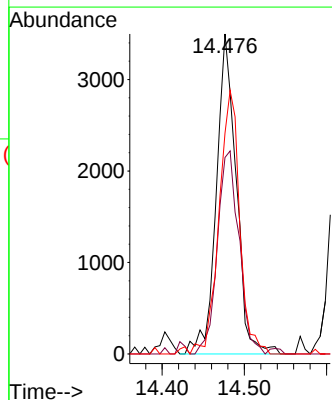
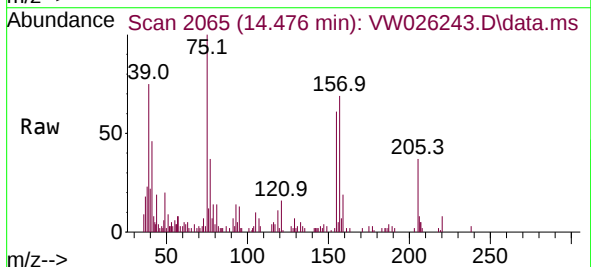
Tgt Ion: 75 Resp: 5892

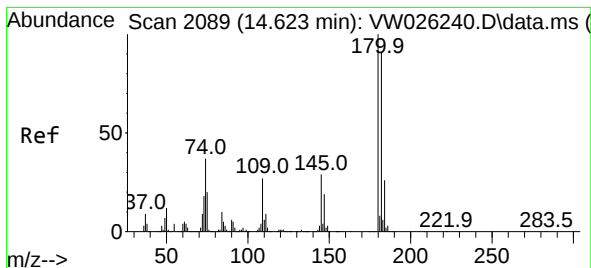
Ion Ratio Lower Upper

75 100

155 61.4 59.0 88.6

157 69.0 71.7 107.5#





#69

1,3,5-Trichlorobenzene

Concen: 18.026 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

Tgt Ion:180 Resp: 40132

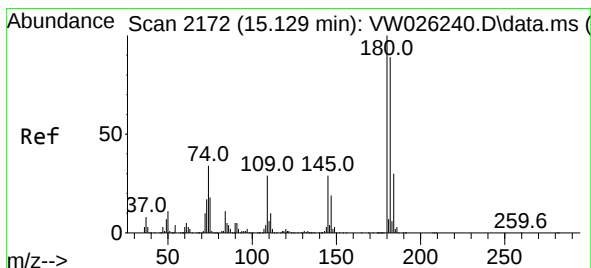
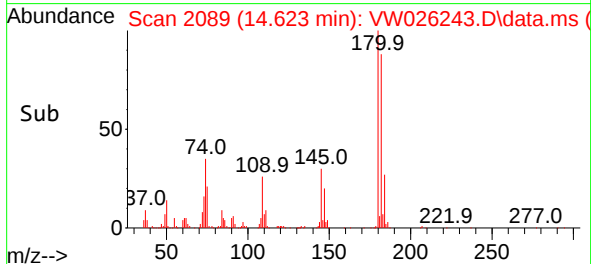
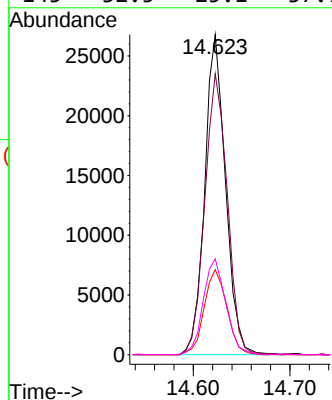
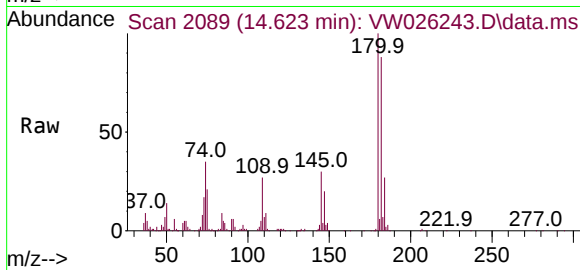
Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.4

184 29.0 23.7 35.5

145 32.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 13.704 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

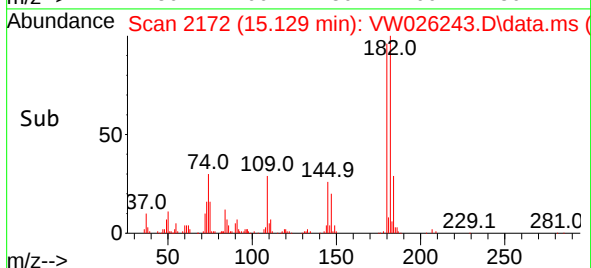
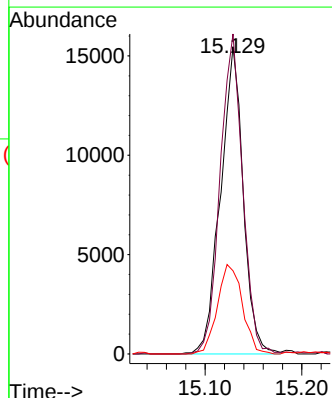
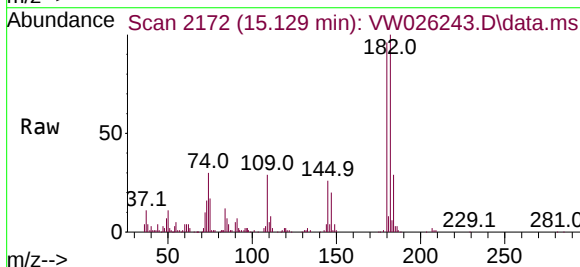
Tgt Ion:180 Resp: 25176

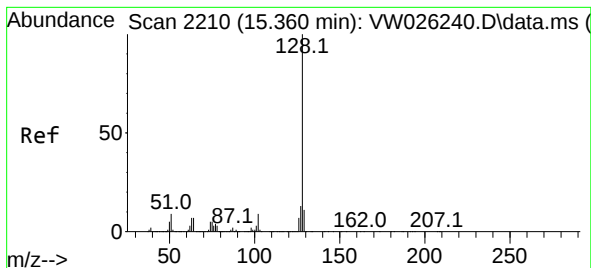
Ion Ratio Lower Upper

180 100

182 102.9 78.9 118.3

145 32.0 27.2 40.8





#71

Naphthalene

Concen: 9.752 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

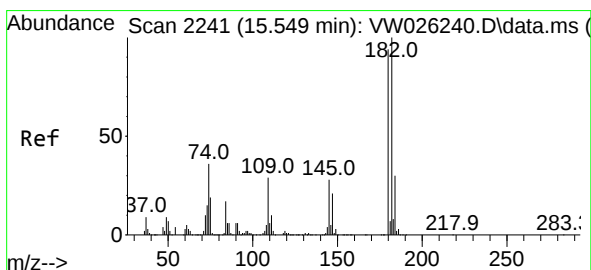
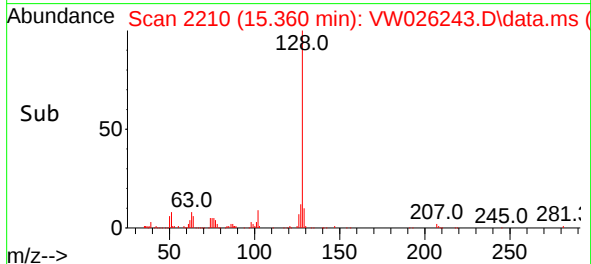
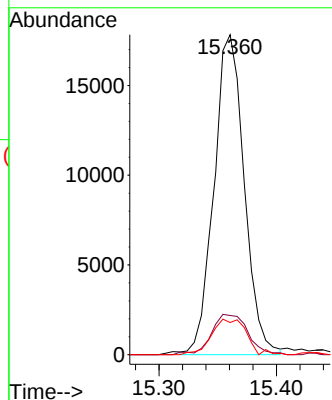
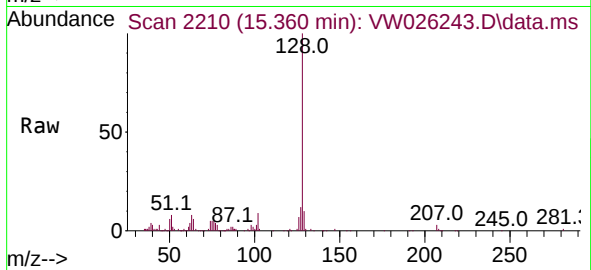
Tgt Ion:128 Resp: 31931

Ion Ratio Lower Upper

128 100

127 14.7 10.6 15.8

129 12.3 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 12.707 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW026243.D

Acq: 19 Jun 2023 12:54

Tgt Ion:180 Resp: 20401

Ion Ratio Lower Upper

180 100

182 93.2 76.3 114.5

145 36.4 27.0 40.6

