

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026229.D
 Acq On : 16 Jun 2023 15:41
 Operator : SY/MD
 Sample : 03307-09MSD
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

Quant Time: Jun 17 00:05:28 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	8.843	114	161860	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	145202	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	65971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	44372	19.487	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.960%
7) Chloroethane-d5	2.887	69	40592	23.814	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	4.015	65	22799	20.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.240%
21) 2-Butanone-d5	7.081	46	40295	60.784	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.560%
24) Chloroform-d	7.654	84	105615	22.282	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.307	65	61805	23.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.276	84	197663	20.231	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.920%
36) 1,2-Dichloropropane-d6	9.276	67	67090	21.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	10.319	98	158523	18.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	10.575	79	23459	19.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.520%
47) 2-Hexanone-d5	10.922	63	16075	32.936	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64651	28.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	49130	19.457	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	57266	28.861	ug/L	91
3) Chloromethane	2.216	50	66683	26.210	ug/L	99
5) Vinyl chloride	2.369	62	80455	29.584	ug/L	99
6) Bromomethane	2.789	94	40021	26.995	ug/L	92
8) Chloroethane	2.924	64	46155	31.407	ug/L	94
9) Trichlorofluoromethane	3.265	101	99136	56.663	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67473	30.563	ug/L	98
13) Acetone	4.125	43	50116	97.701	ug/L	100
14) Carbon disulfide	4.387	76	176358	24.242	ug/L	97
15) Methyl Acetate	4.667	43	36716	31.892	ug/L	98
16) Methylene chloride	4.911	84	76869	29.755	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	56713	24.528	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	121341	33.297	ug/L	99
19) 1,1-Dichloroethane	6.216	63	125386	26.637	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	60964	24.892	ug/L	99
22) 2-Butanone	7.173	43	53766	73.479	ug/L	99
23) Bromochloromethane	7.514	128	25908	24.804	ug/L	94
25) Chloroform	7.679	83	111520	25.436	ug/L	98
27) 1,2-Dichloroethane	8.398	62	86883	28.733	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026229.D
 Acq On : 16 Jun 2023 15:41
 Operator : SY/MD
 Sample : 03307-09MSD
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

Quant Time: Jun 17 00:05:28 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

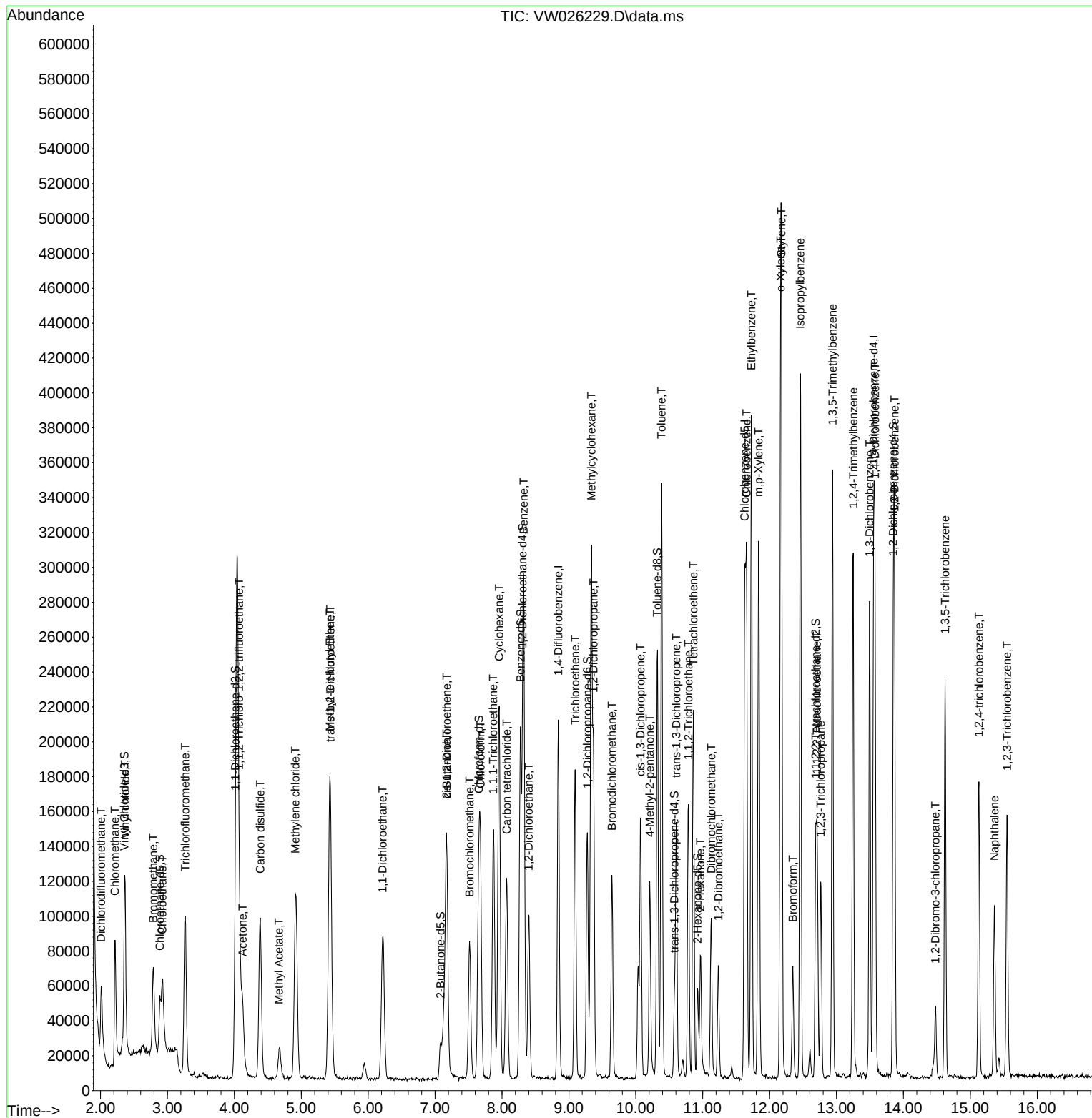
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	108035	24.100	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	112425	31.906	ug/L	99
31) Carbon tetrachloride	8.069	117	84879	26.397	ug/L	99
33) Benzene	8.325	78	246689	24.801	ug/L	100
34) Trichloroethene	9.093	95	63163	24.799	ug/L	98
35) Methylcyclohexane	9.337	83	107331	23.815	ug/L	97
37) 1,2-Dichloropropane	9.367	63	69407	25.762	ug/L	98
38) Bromodichloromethane	9.642	83	77482	24.755	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	87063	21.990	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	82766	52.107	ug/L	98
42) Toluene	10.386	91	241465	23.734	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	75161	22.787	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	49211	27.715	ug/L	98
46) Tetrachloroethene	10.861	164	44487	24.694	ug/L	91
48) 2-Hexanone	10.965	43	48443	43.254	ug/L	95
49) Dibromochloromethane	11.129	129	45689	24.542	ug/L	96
50) 1,2-Dibromoethane	11.233	107	42157	25.642	ug/L	99
51) Chlorobenzene	11.654	112	142297	22.320	ug/L	98
52) Ethylbenzene	11.727	91	244938	21.342	ug/L	98
53) m,p-Xylene	11.837	106	91766	21.494	ug/L	97
54) o-Xylene	12.166	106	86354	21.429	ug/L	93
55) Styrene	12.178	104	148811	21.525	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	63497	29.549	ug/L	97
59) Bromoform	12.349	173	27548	27.802	ug/L	98
60) Isopropylbenzene	12.458	105	247354	23.868	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47164	31.916	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	178931	21.719	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	156832	20.784	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	103033	23.645	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	97826	22.299	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	92546	23.651	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	9472	27.666	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	64243	21.462	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	47399	19.191	ug/L	99
71) Naphthalene	15.360	128	78104	17.743	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	45456	21.058	ug/L	99

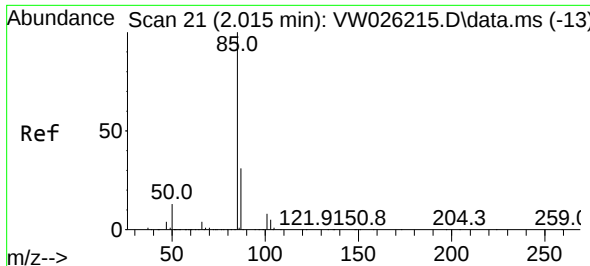
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026229.D
 Acq On : 16 Jun 2023 15:41
 Operator : SY/MD
 Sample : 03307-09MSD
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

Quant Time: Jun 17 00:05:28 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

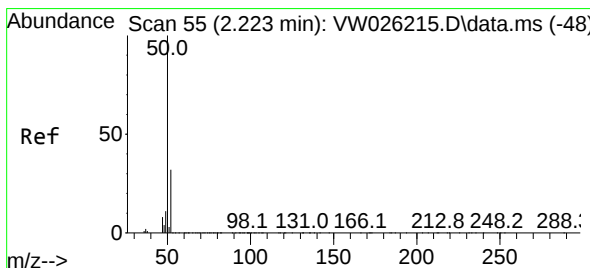
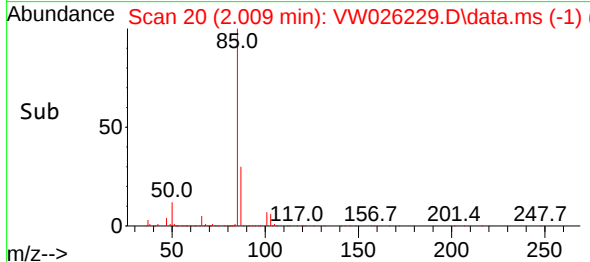
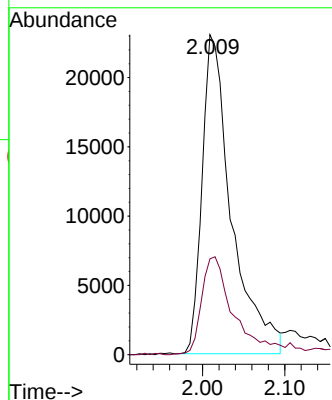
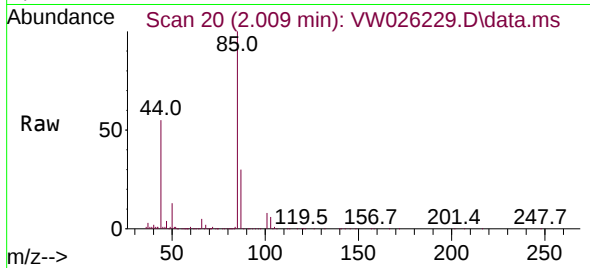




#2
 Dichlorodifluoromethane
 Concen: 28.861 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW026229.D
 Acq: 16 Jun 2023 15:41

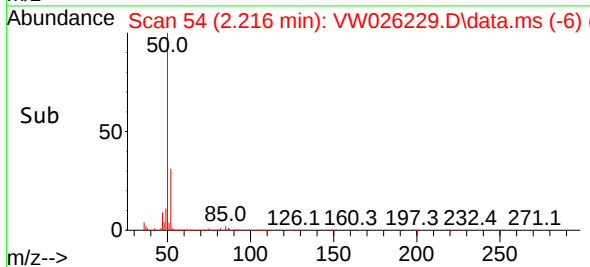
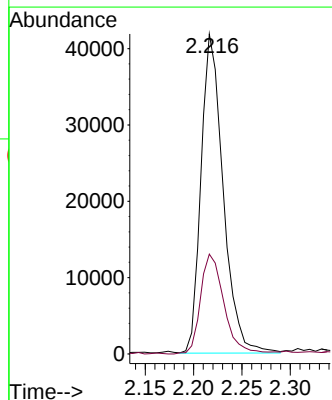
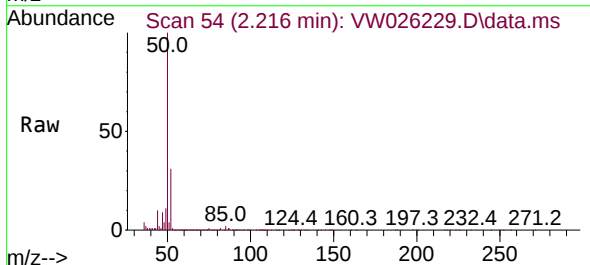
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

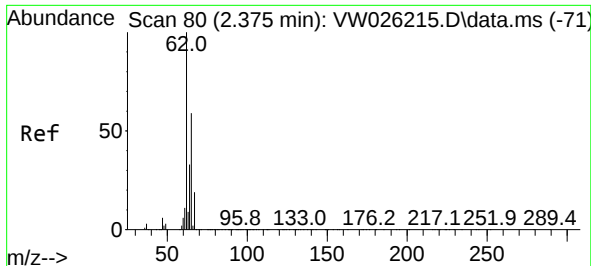
Tgt Ion: 85 Resp: 57266
 Ion Ratio Lower Upper
 85 100
 87 32.2 22.2 33.2



#3
 Chloromethane
 Concen: 26.210 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW026229.D
 Acq: 16 Jun 2023 15:41

Tgt Ion: 50 Resp: 66683
 Ion Ratio Lower Upper
 50 100
 52 31.2 21.3 39.6

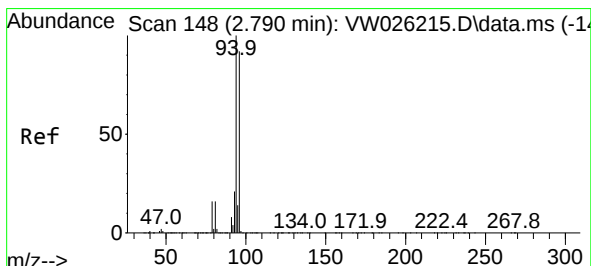
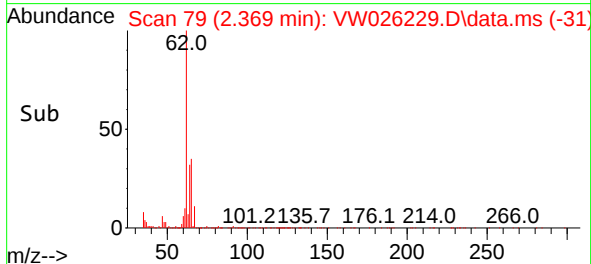
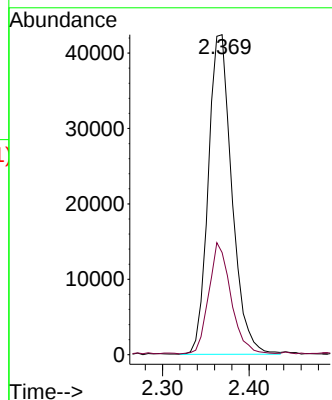
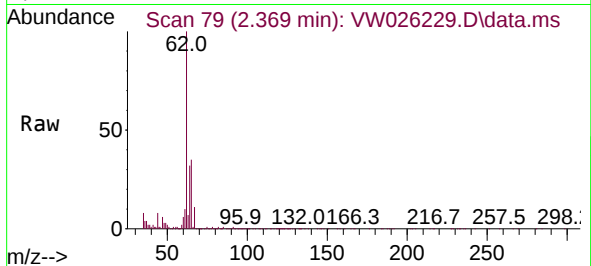




#5
 Vinyl chloride
 Concen: 29.584 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026229.D
 Acq: 16 Jun 2023 15:41

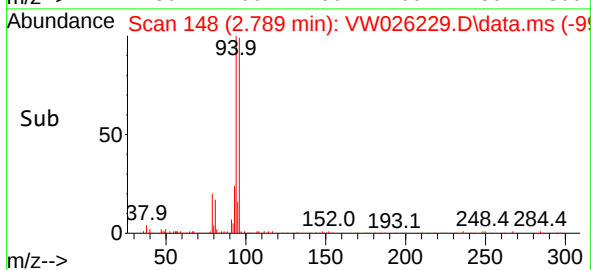
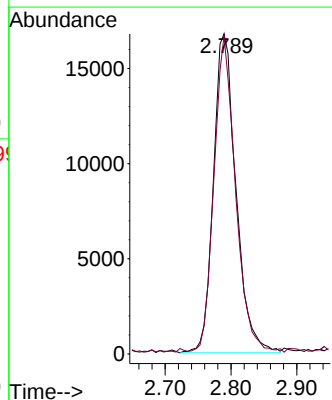
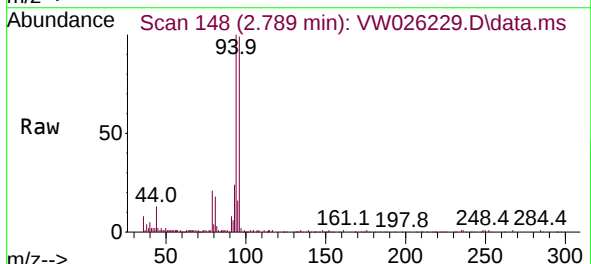
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

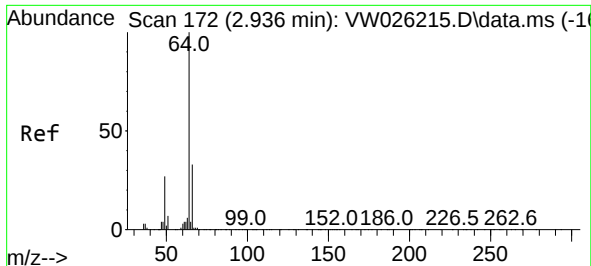
Tgt Ion: 62 Resp: 80455
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.7 42.1



#6
 Bromomethane
 Concen: 26.995 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026229.D
 Acq: 16 Jun 2023 15:41

Tgt Ion: 94 Resp: 40021
 Ion Ratio Lower Upper
 94 100
 96 99.4 64.2 119.2

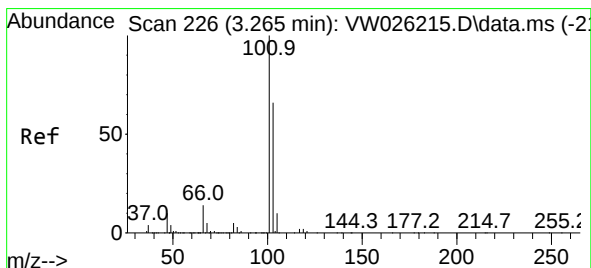
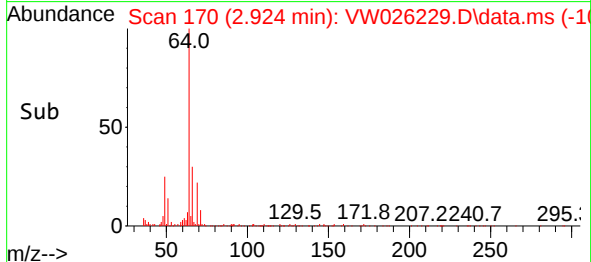
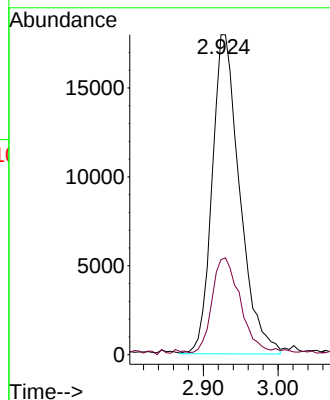
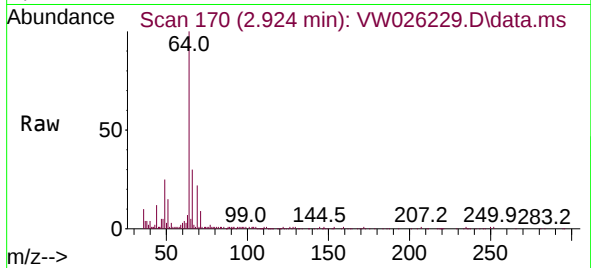




#8
Chloroethane
Concen: 31.407 ug/L
RT: 2.924 min Scan# 172
Delta R.T. -0.012 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

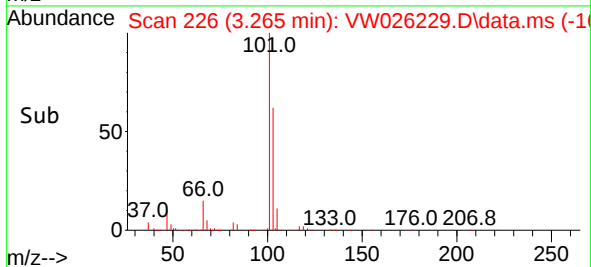
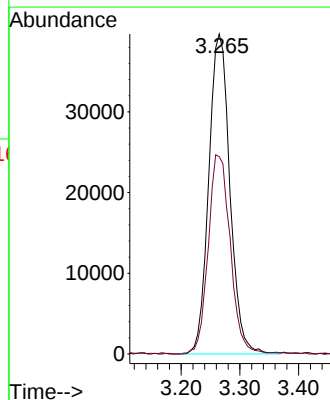
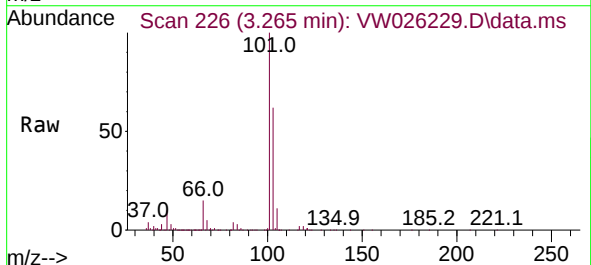
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

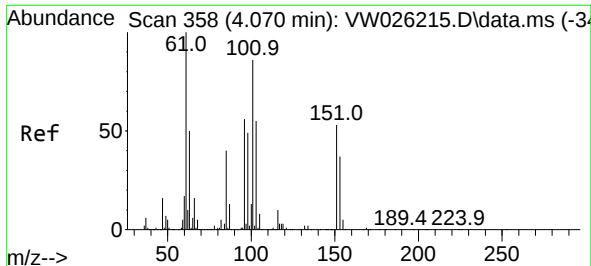
Tgt Ion: 64 Resp: 46155
Ion Ratio Lower Upper
64 100
66 29.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 56.663 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 101 Resp: 99136
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

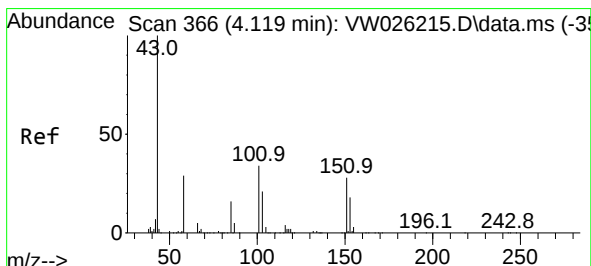
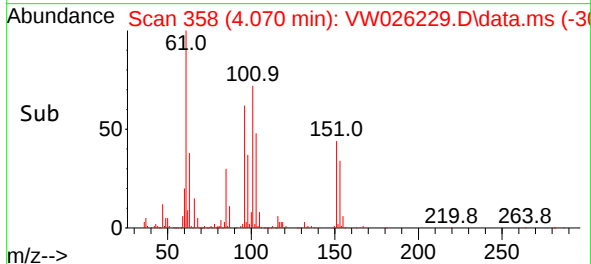
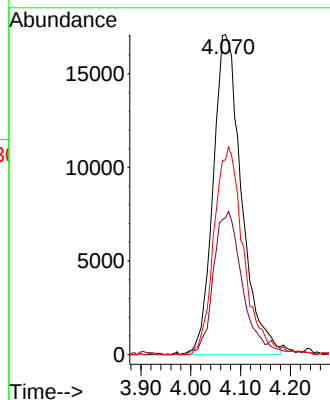
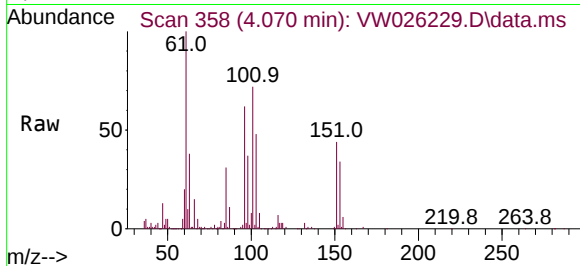




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 30.563 ug/L
RT: 4.070 min Scan# 358
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

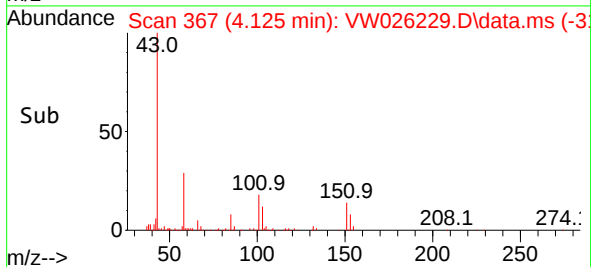
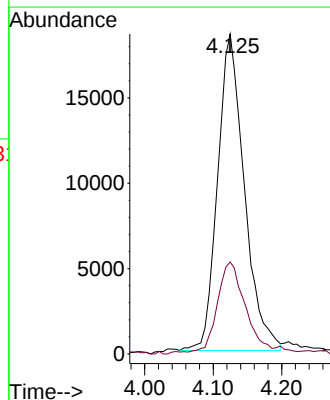
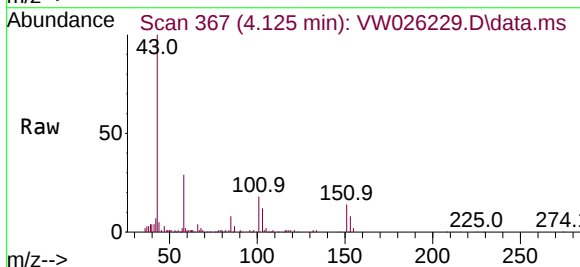
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

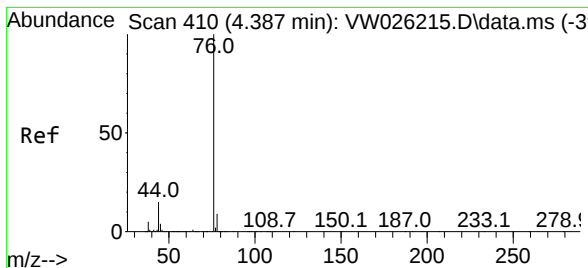
Tgt Ion:101 Resp: 67473
Ion Ratio Lower Upper
101 100
85 45.6 36.1 54.1
151 67.0 55.1 82.7



#13
Acetone
Concen: 97.701 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 43 Resp: 50116
Ion Ratio Lower Upper
43 100
58 29.2 0.0 58.2





#14

Carbon disulfide

Concen: 24.242 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

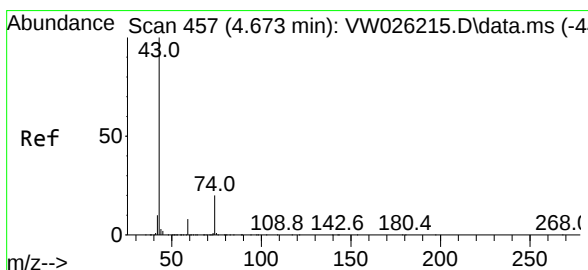
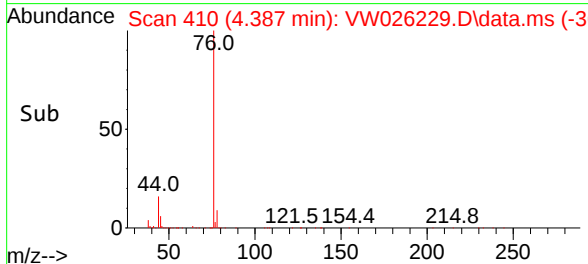
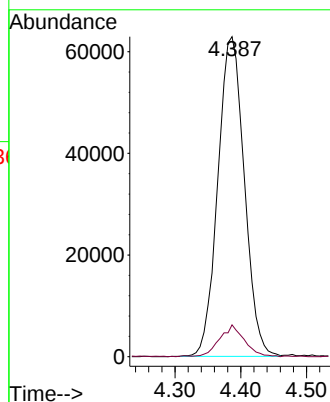
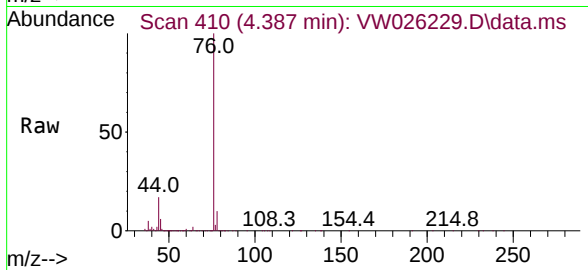
YBW10MSD

Tgt Ion: 76 Resp: 176358

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



#15

Methyl Acetate

Concen: 31.892 ug/L

RT: 4.667 min Scan# 456

Delta R.T. -0.006 min

Lab File: VW026229.D

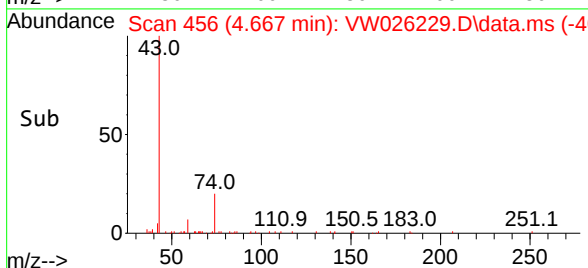
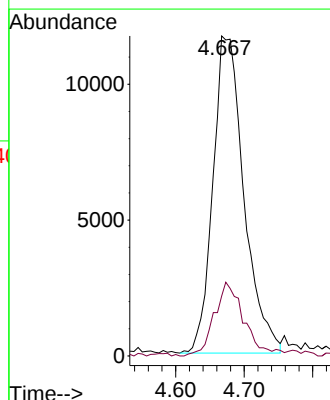
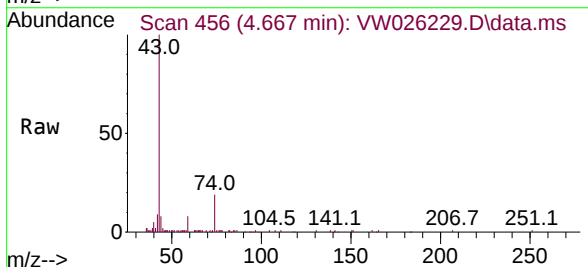
Acq: 16 Jun 2023 15:41

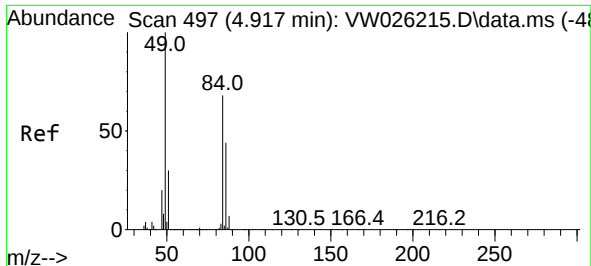
Tgt Ion: 43 Resp: 36716

Ion Ratio Lower Upper

43 100

74 21.7 16.6 25.0

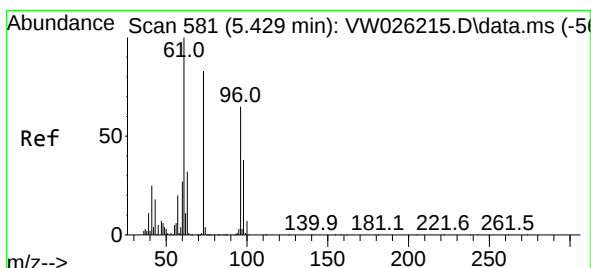
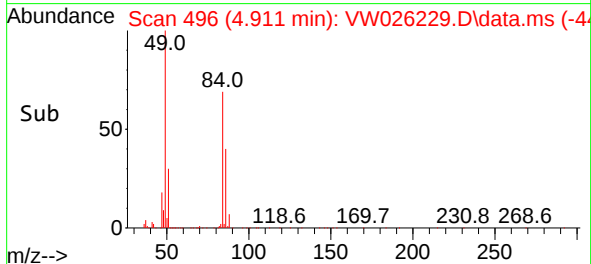
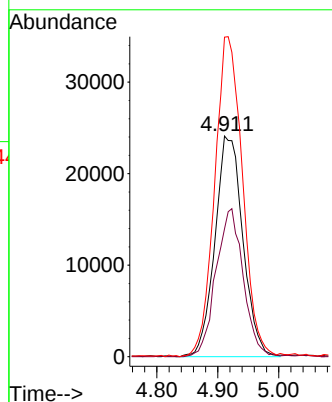
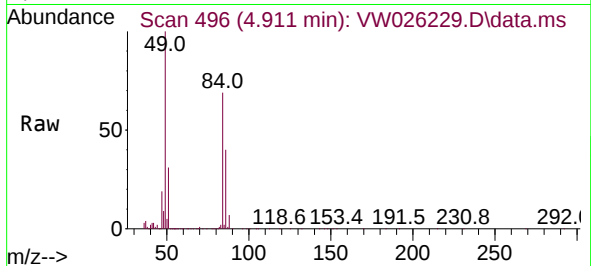




#16
Methylene chloride
Concen: 29.755 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

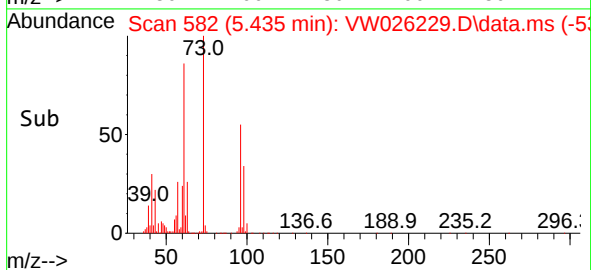
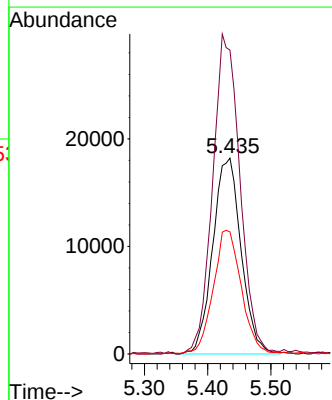
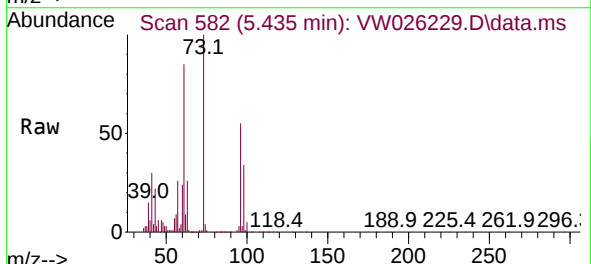
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

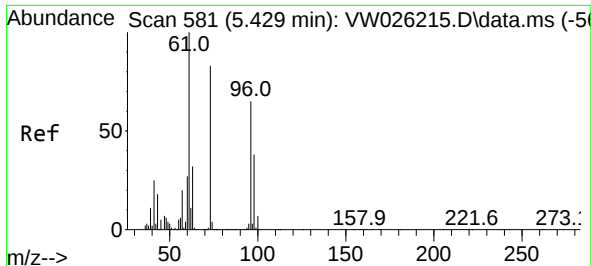
Tgt Ion: 84 Resp: 76869
Ion Ratio Lower Upper
84 100
86 57.9 44.2 82.0
49 144.9 98.8 183.6



#17
trans-1,2-Dichloroethene
Concen: 24.528 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 96 Resp: 56713
Ion Ratio Lower Upper
96 100
61 155.2 113.0 209.8
98 62.3 42.5 78.9

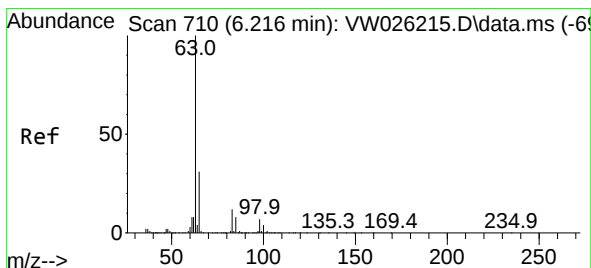
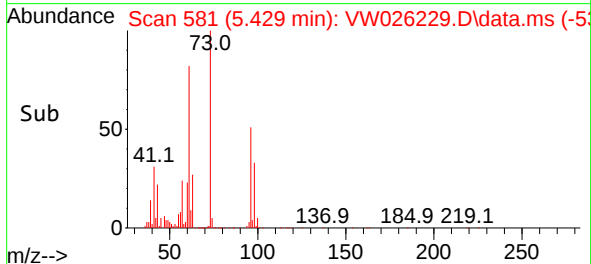
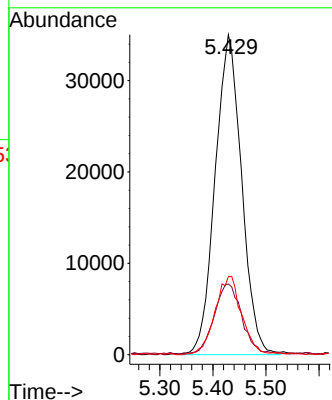
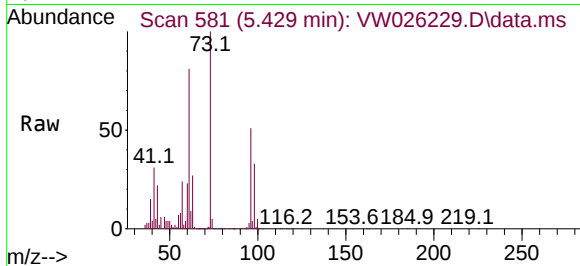




#18
Methyl tert-butyl Ether
Concen: 33.297 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

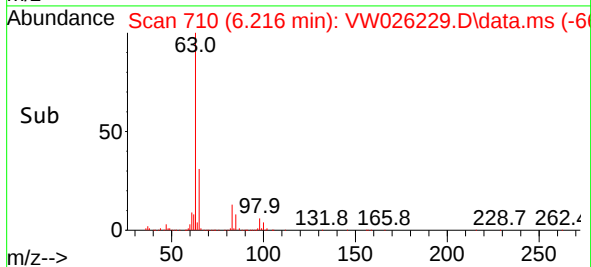
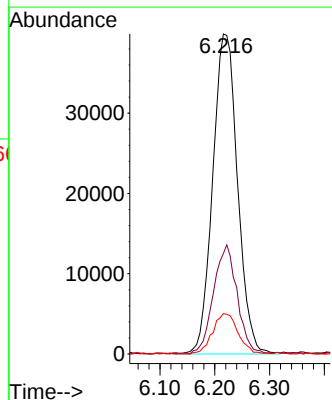
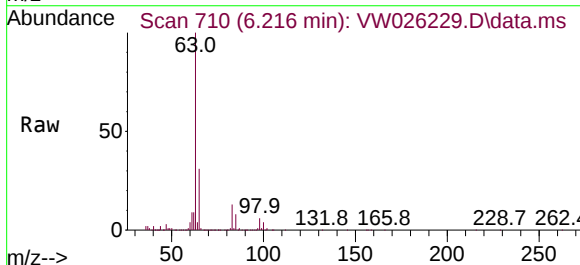
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

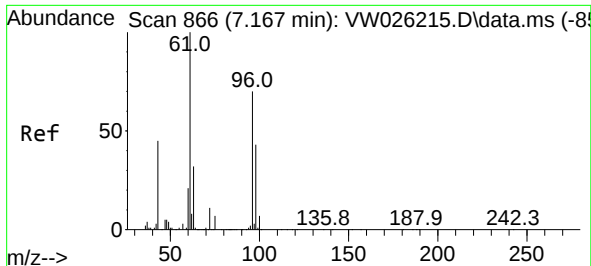
Tgt Ion: 73 Resp: 121341
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.6
57 24.5 18.9 28.3



#19
1,1-Dichloroethane
Concen: 26.637 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 63 Resp: 125386
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.5
83 12.6 9.1 16.9

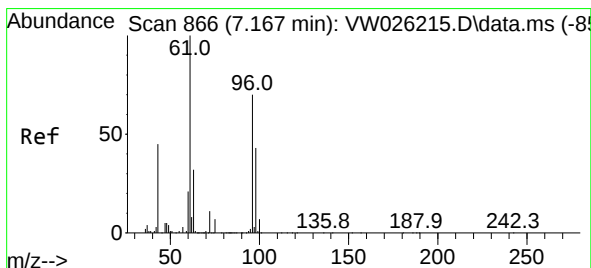
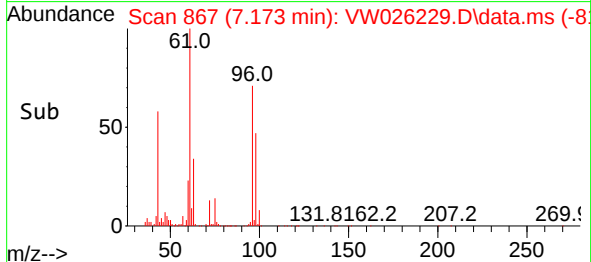
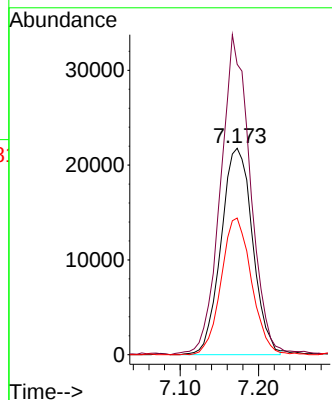
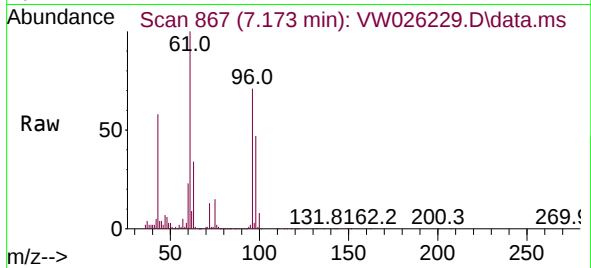




#20
 cis-1,2-Dichloroethene
 Concen: 24.892 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026229.D
 Acq: 16 Jun 2023 15:41

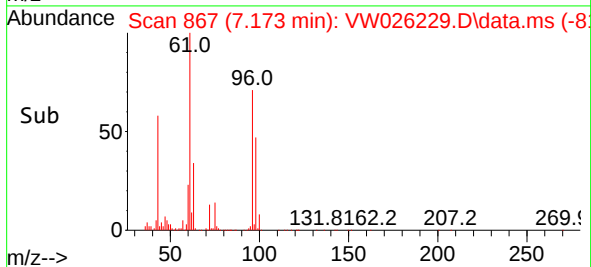
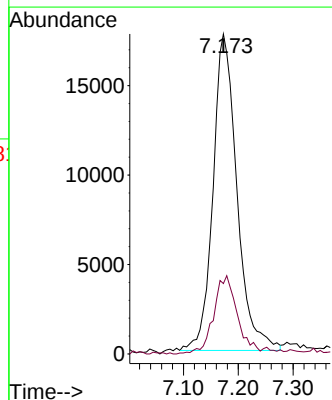
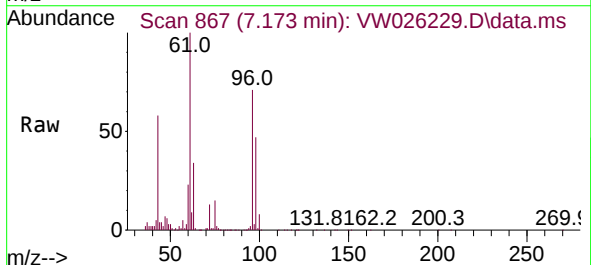
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

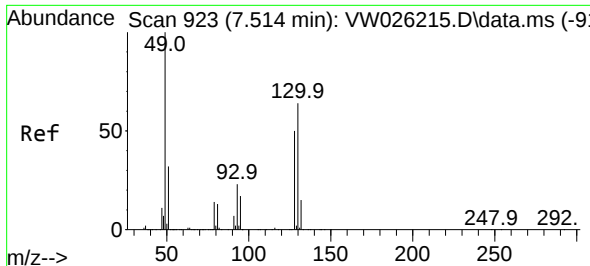
Tgt Ion: 96 Resp: 60964
 Ion Ratio Lower Upper
 96 100
 61 140.7 98.4 182.8
 98 66.2 45.2 84.0



#22
 2-Butanone
 Concen: 73.479 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026229.D
 Acq: 16 Jun 2023 15:41

Tgt Ion: 43 Resp: 53766
 Ion Ratio Lower Upper
 43 100
 72 24.3 12.4 37.4

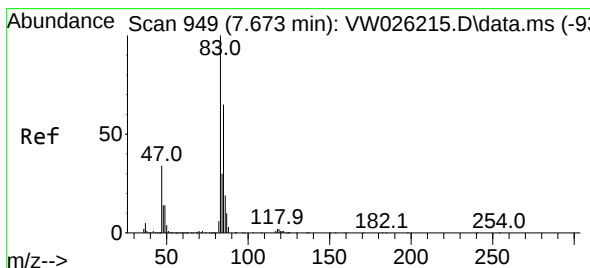
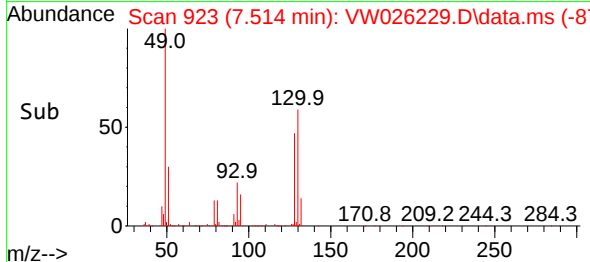
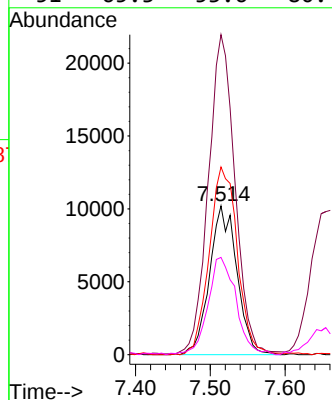
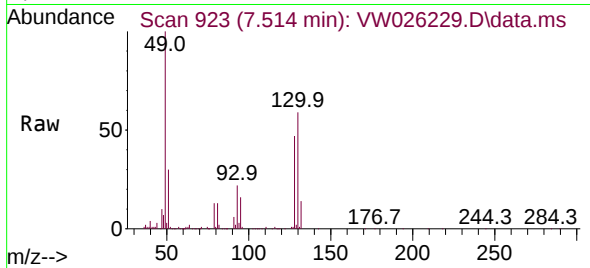




#23
Bromochloromethane
Concen: 24.804 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

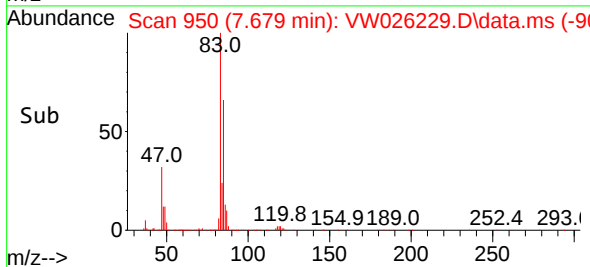
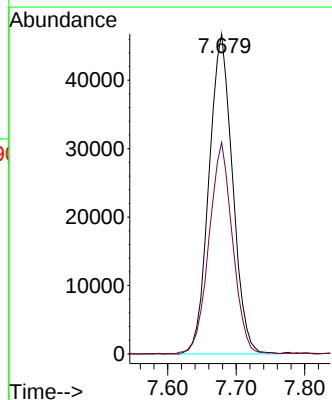
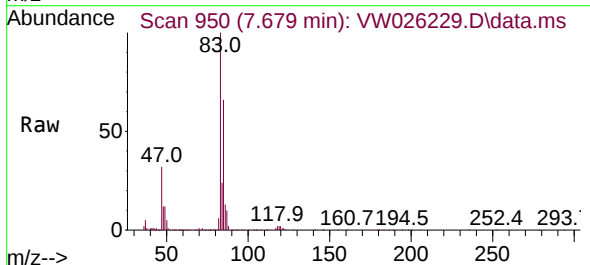
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

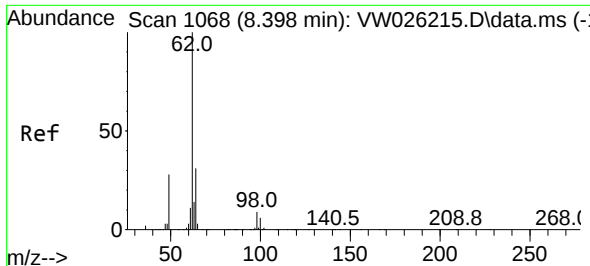
Tgt Ion:	128	Resp:	25908
Ion	Ratio	Lower	Upper
128	100		
49	215.0	140.6	261.0
130	126.1	86.0	159.6
51	65.3	53.6	80.4



#25
Chloroform
Concen: 25.436 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion:	83	Resp:	111520
Ion	Ratio	Lower	Upper
83	100		
85	66.1	45.1	83.7





#27

1,2-Dichloroethane

Concen: 28.733 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

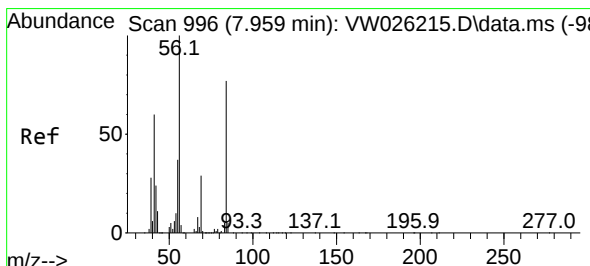
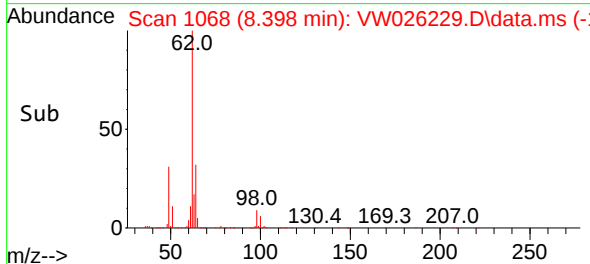
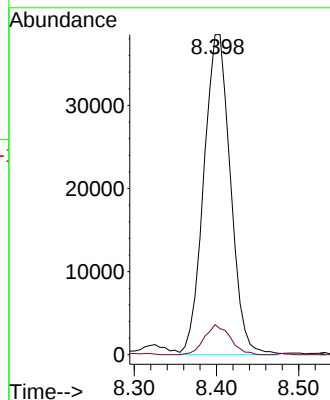
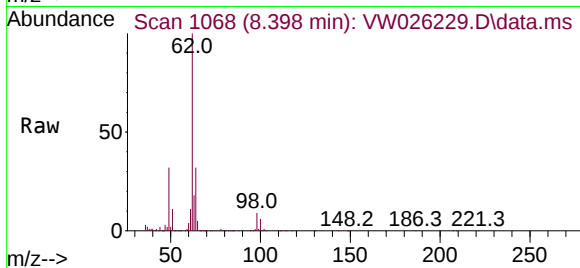
YBW10MSD

Tgt Ion: 62 Resp: 86883

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.2



#29

Cyclohexane

Concen: 24.100 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

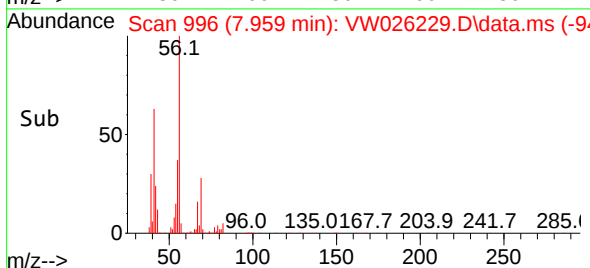
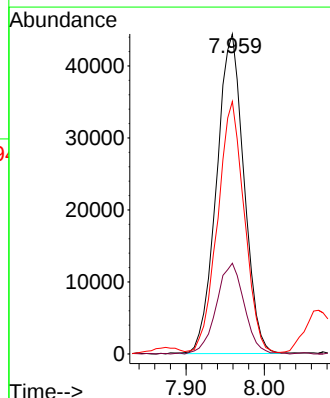
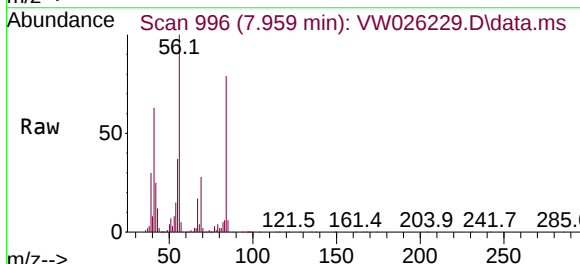
Tgt Ion: 56 Resp: 108035

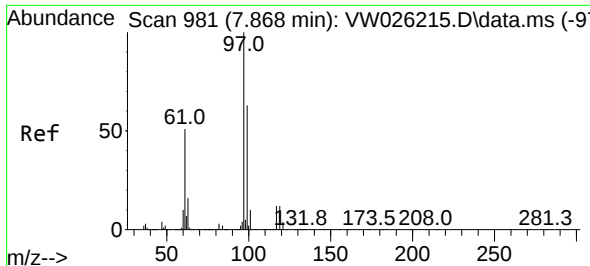
Ion Ratio Lower Upper

56 100

69 28.7 23.3 34.9

84 77.0 63.0 94.6

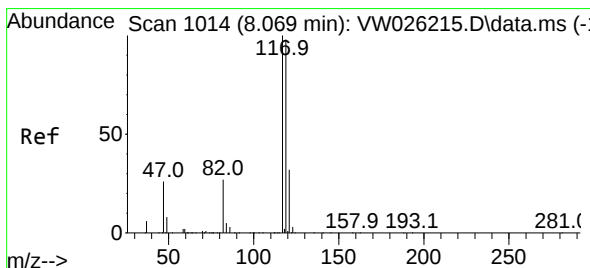
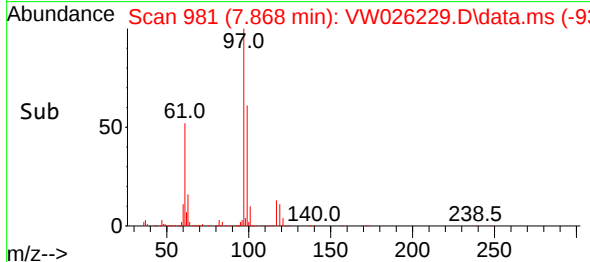
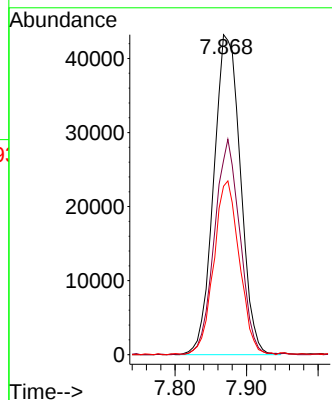
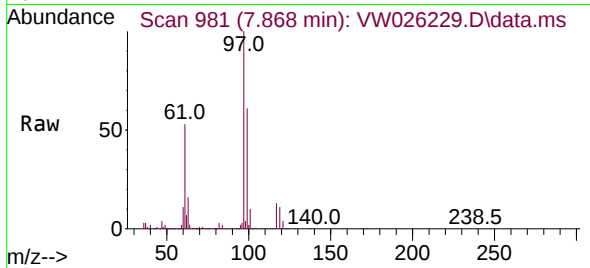




#30
1,1,1-Trichloroethane
Concen: 31.906 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

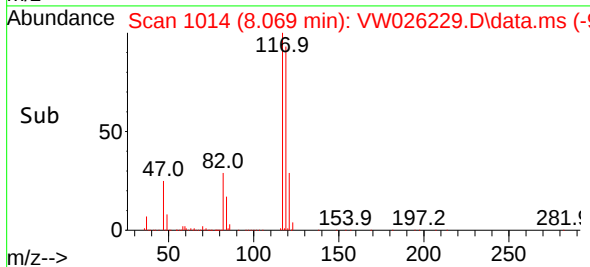
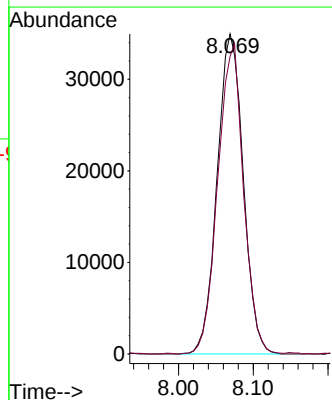
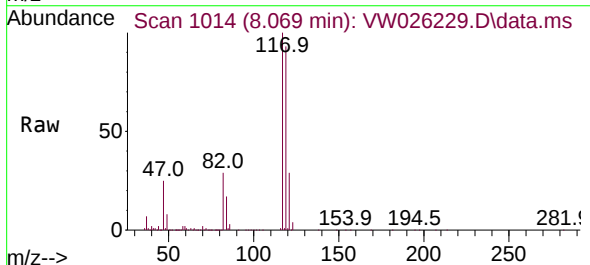
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

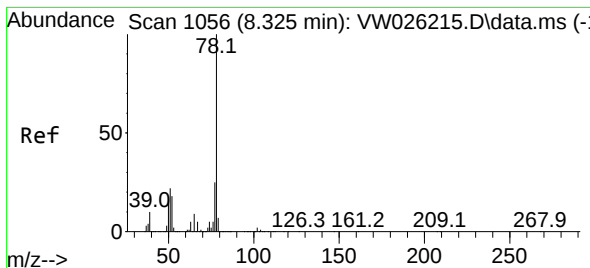
Tgt Ion: 97 Resp: 112425
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 51.9 40.5 60.7



#31
Carbon tetrachloride
Concen: 26.397 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 117 Resp: 84879
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.2





#33

Benzene

Concen: 24.801 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

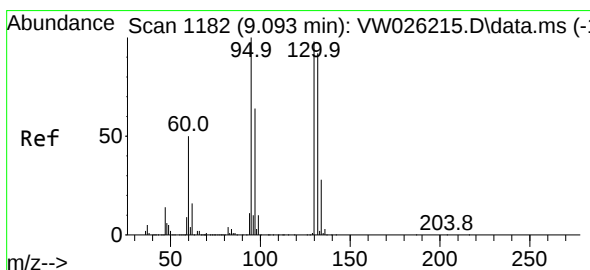
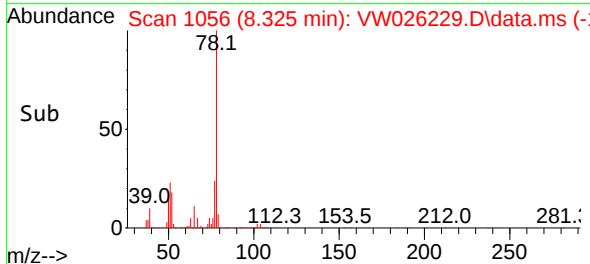
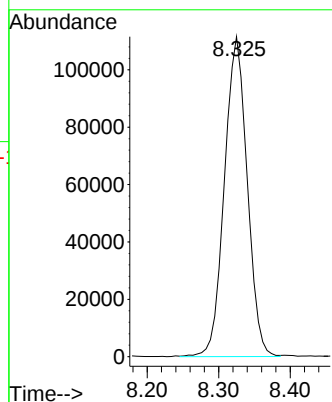
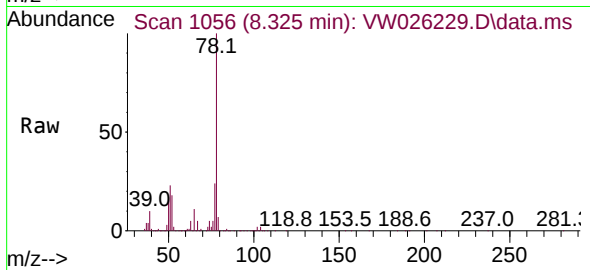
Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

Tgt Ion: 78 Resp: 246689



#34

Trichloroethene

Concen: 24.799 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Tgt Ion: 95 Resp: 63163

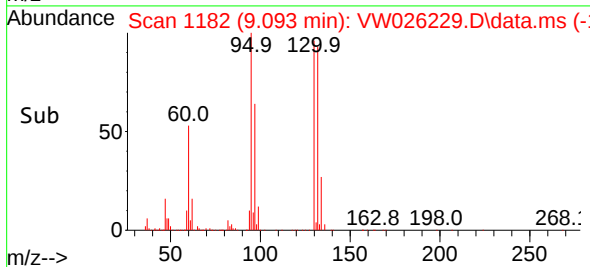
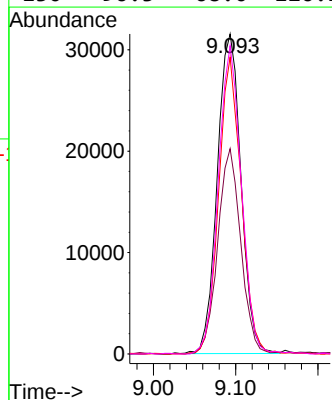
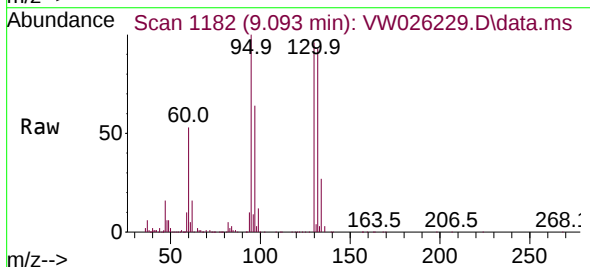
Ion Ratio Lower Upper

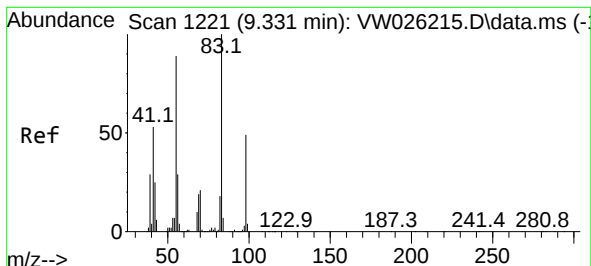
95 100

97 64.2 45.9 85.3

132 92.8 67.1 124.7

130 96.3 68.0 126.2

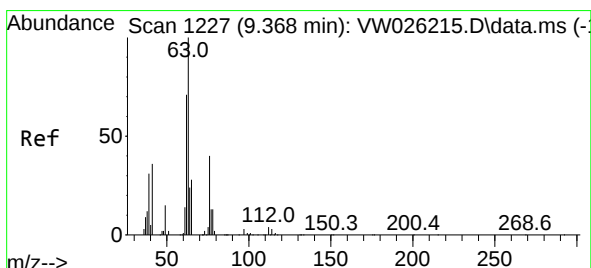
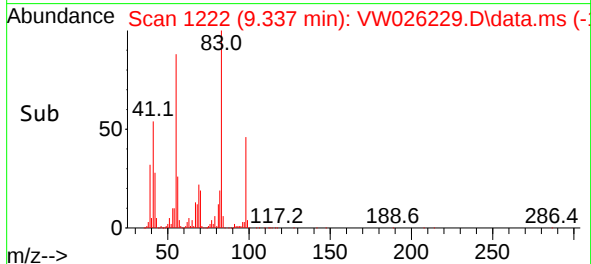
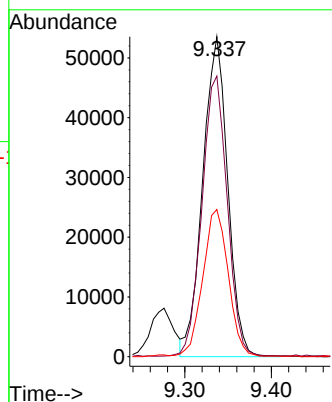
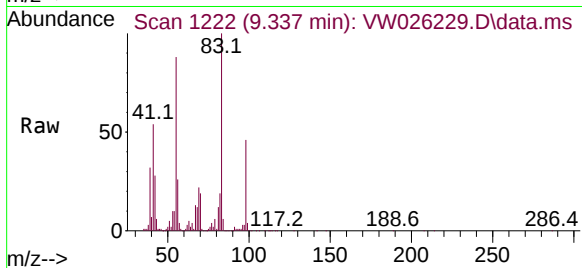




#35
Methylcyclohexane
Concen: 23.815 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

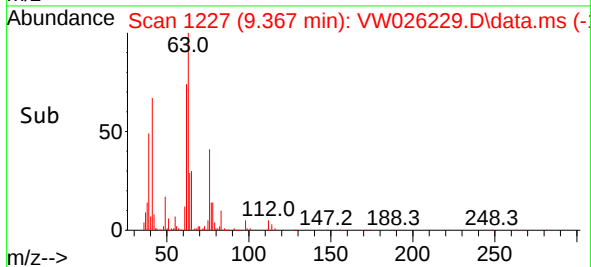
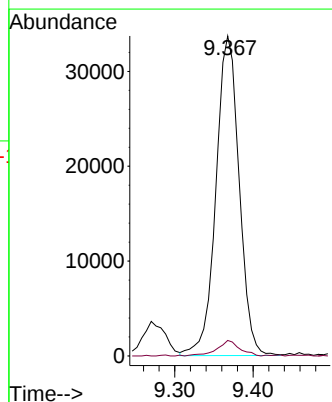
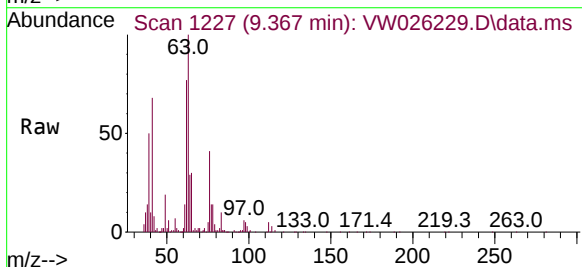
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

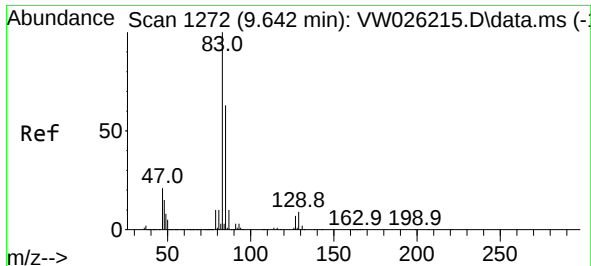
Tgt Ion: 83 Resp: 107331
Ion Ratio Lower Upper
83 100
55 89.0 68.2 102.4
98 47.0 38.1 57.1



#37
1,2-Dichloropropane
Concen: 25.762 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 63 Resp: 69407
Ion Ratio Lower Upper
63 100
112 4.7 3.3 4.9

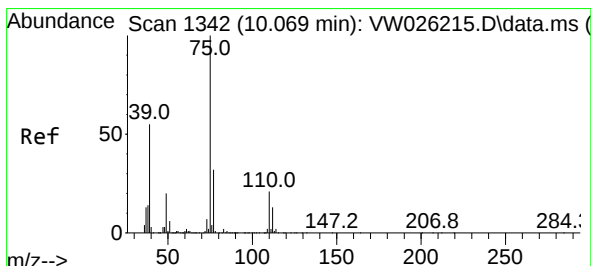
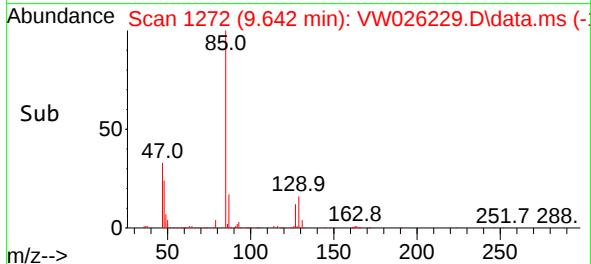
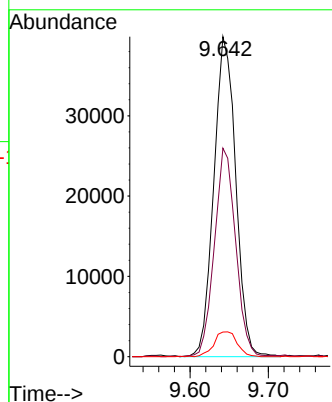
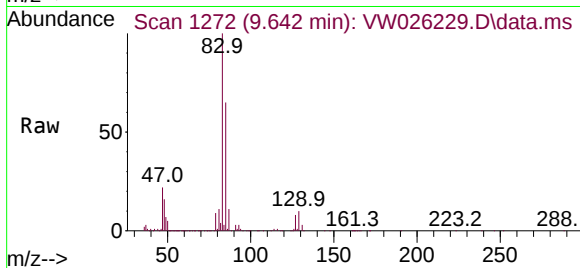




#38
Bromodichloromethane
Concen: 24.755 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

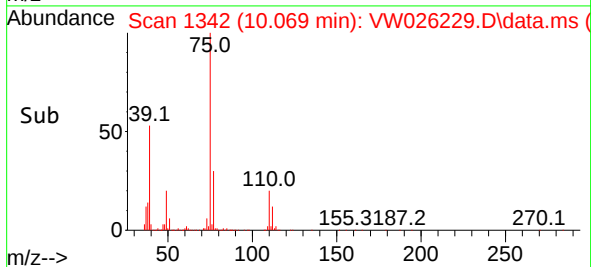
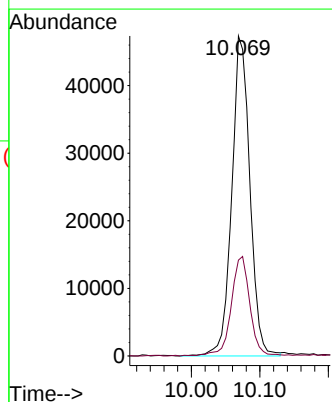
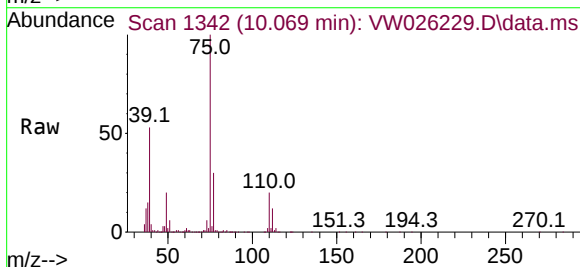
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

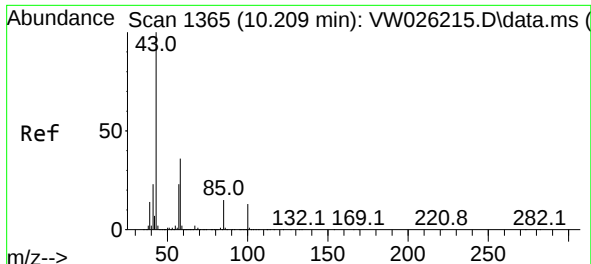
Tgt Ion: 83 Resp: 77482
Ion Ratio Lower Upper
83 100
85 65.2 44.2 82.0
127 7.7 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 21.990 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 75 Resp: 87063
Ion Ratio Lower Upper
75 100
77 30.0 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 52.107 ug/L

RT: 10.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

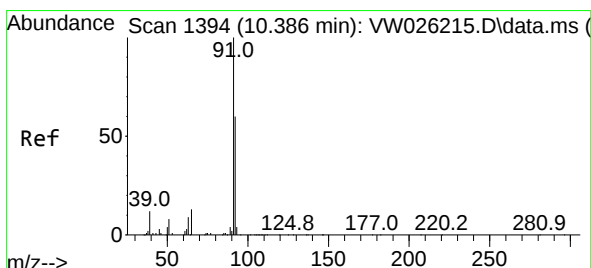
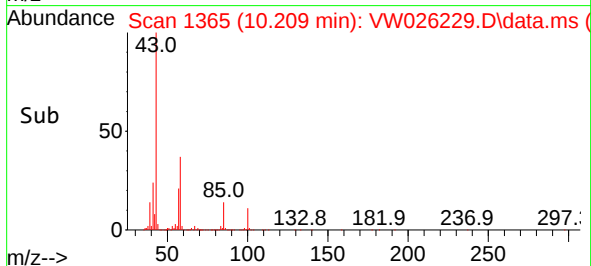
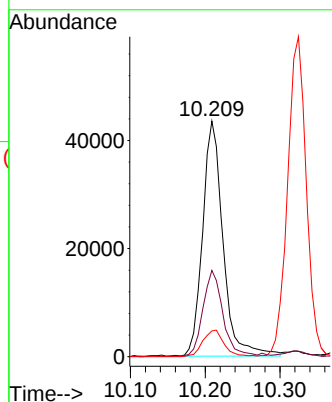
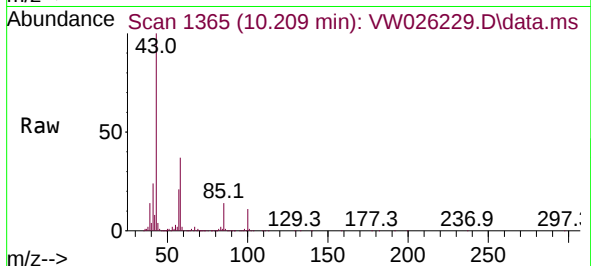
Tgt Ion: 43 Resp: 82766

Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.4

100 11.9 10.5 15.7



#42

Toluene

Concen: 23.734 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW026229.D

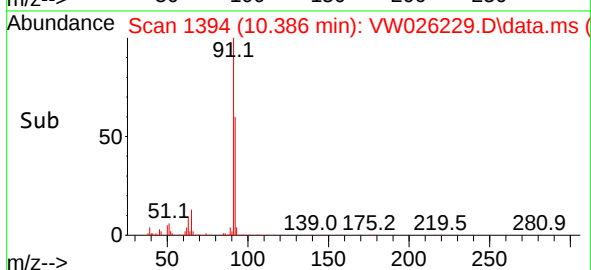
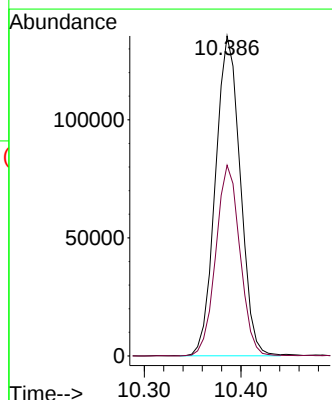
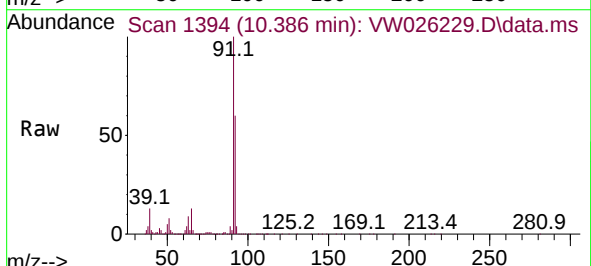
Acq: 16 Jun 2023 15:41

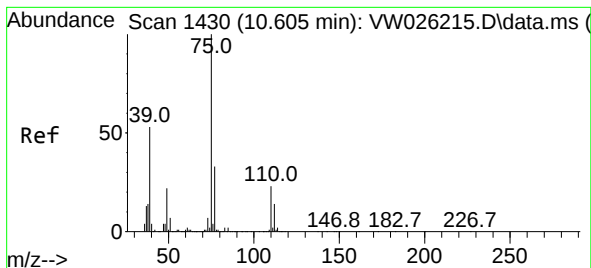
Tgt Ion: 91 Resp: 241465

Ion Ratio Lower Upper

91 100

92 59.6 42.2 78.4





#44

trans-1,3-Dichloropropene

Concen: 22.787 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

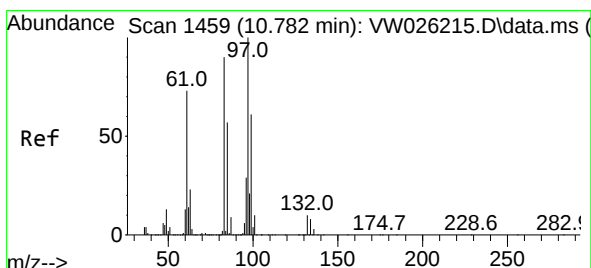
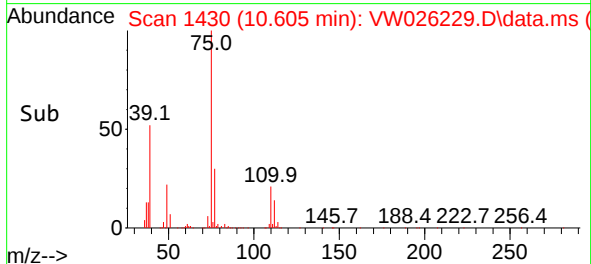
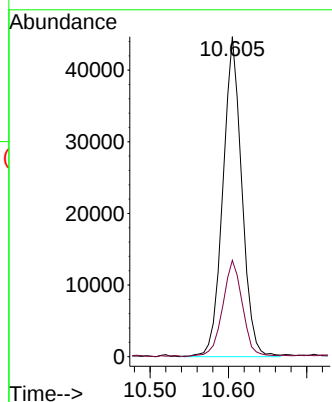
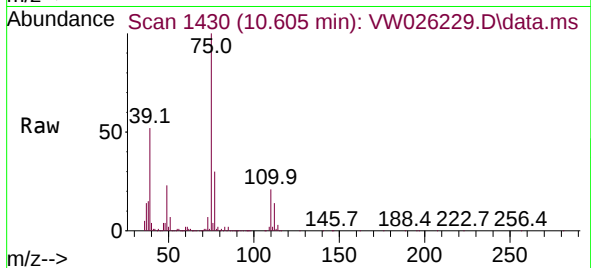
YBW10MSD

Tgt Ion: 75 Resp: 75161

Ion Ratio Lower Upper

75 100

77 30.1 21.1 39.3



#45

1,1,2-Trichloroethane

Concen: 27.715 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Tgt Ion: 97 Resp: 49211

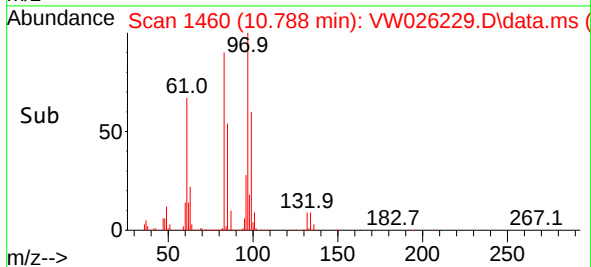
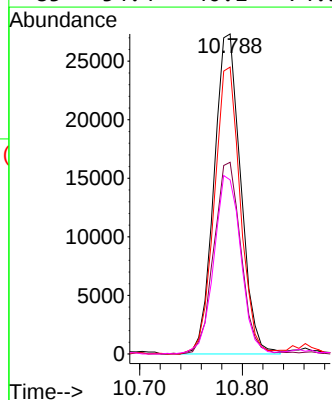
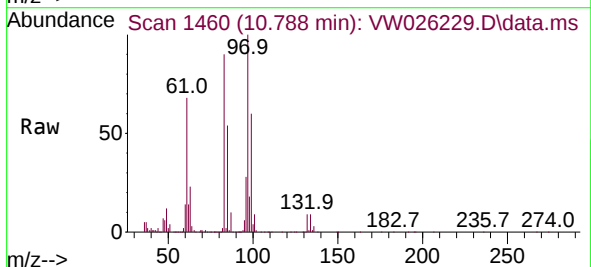
Ion Ratio Lower Upper

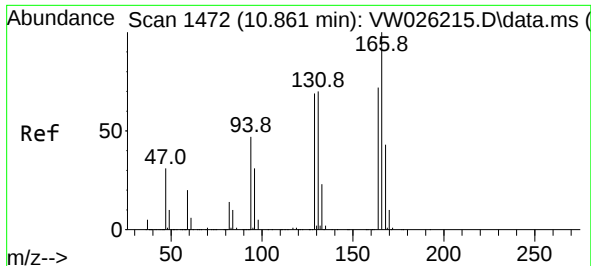
97 100

99 59.9 43.3 80.5

83 89.7 62.9 116.9

85 54.4 40.1 74.5

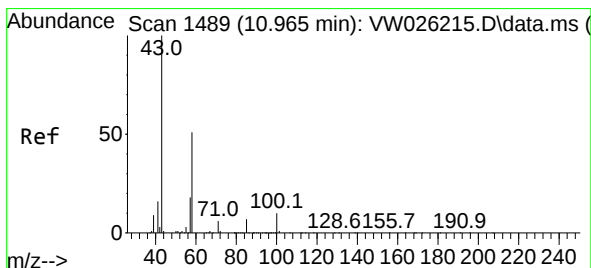
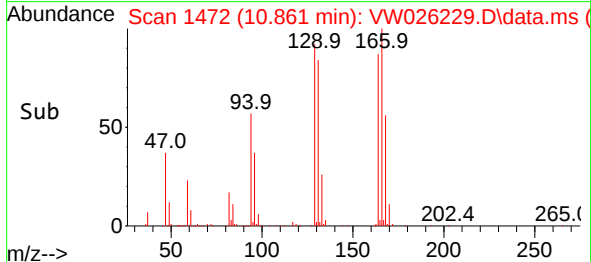
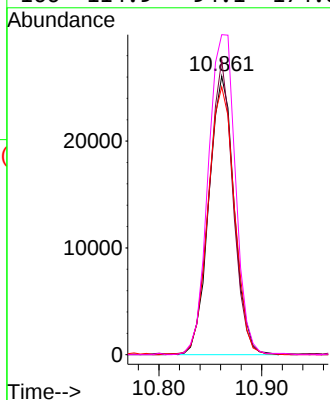
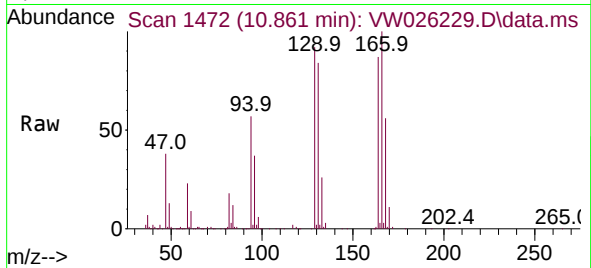




#46
Tetrachloroethene
Concen: 24.694 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

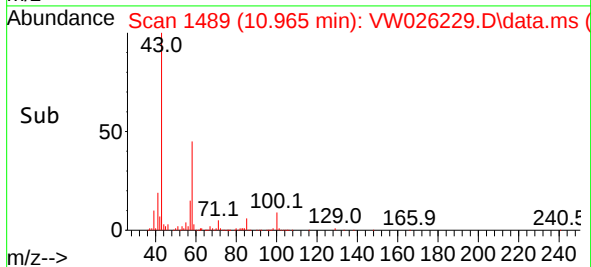
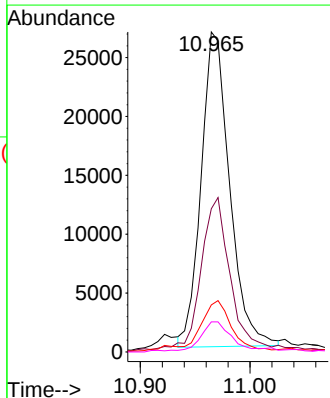
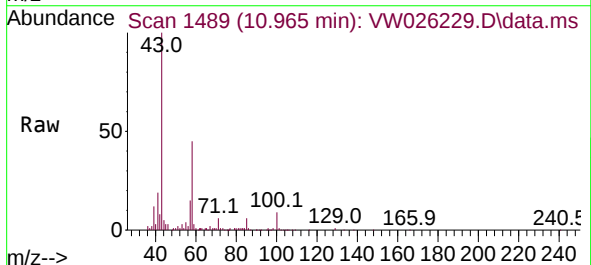
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

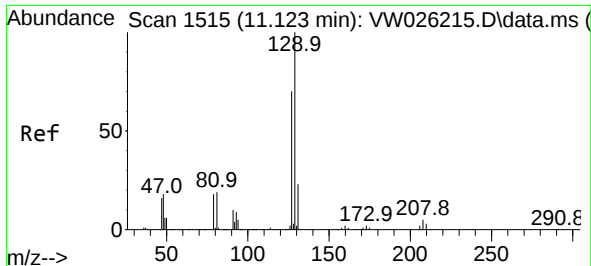
Tgt Ion:164 Resp: 44487
Ion Ratio Lower Upper
164 100
129 105.8 68.5 127.1
131 96.2 67.1 124.7
166 114.9 94.1 174.8



#48
2-Hexanone
Concen: 43.254 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 43 Resp: 48443
Ion Ratio Lower Upper
43 100
58 48.3 42.2 63.2
57 16.7 14.2 21.2
100 10.2 8.3 12.5

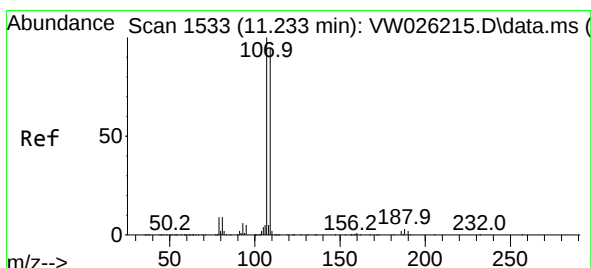
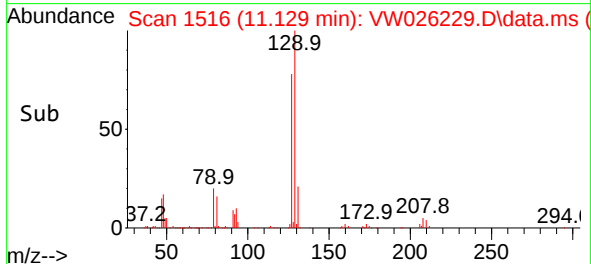
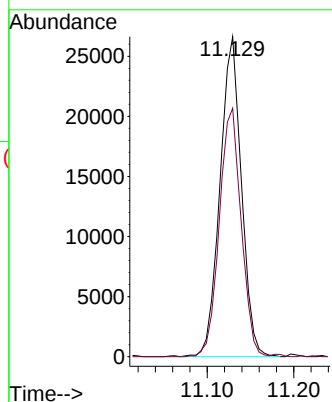
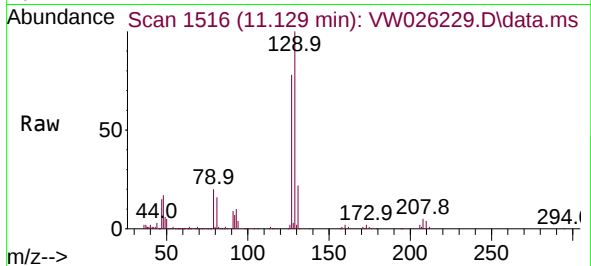




#49
Dibromochloromethane
Concen: 24.542 ug/L
RT: 11.129 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

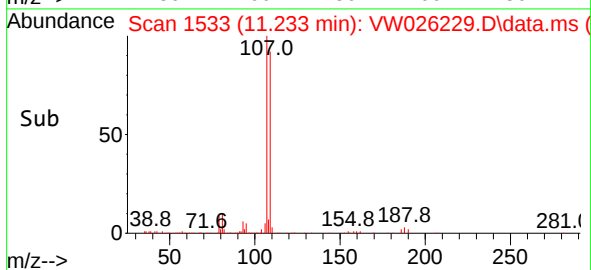
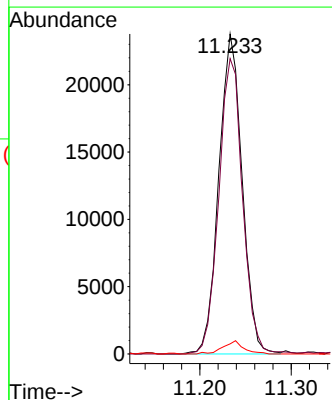
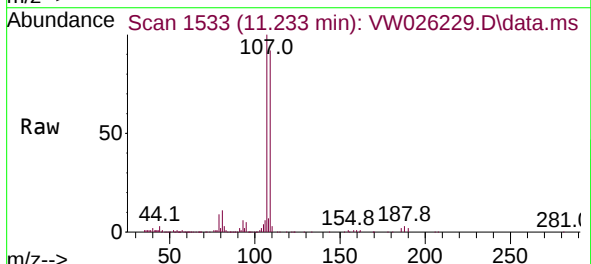
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

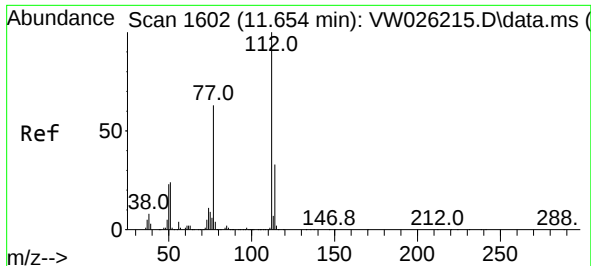
Tgt Ion:129 Resp: 45689
Ion Ratio Lower Upper
129 100
127 77.7 56.9 105.7



#50
1,2-Dibromoethane
Concen: 25.642 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion:107 Resp: 42157
Ion Ratio Lower Upper
107 100
109 92.3 64.0 119.0
188 3.2 2.6 3.8

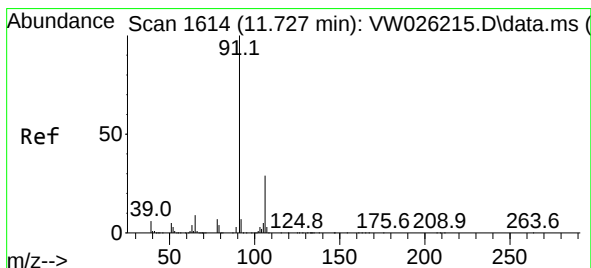
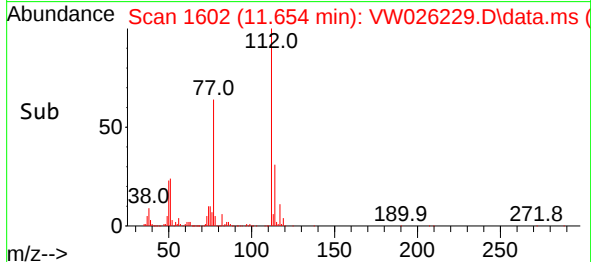
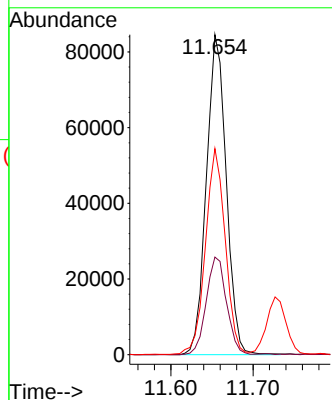
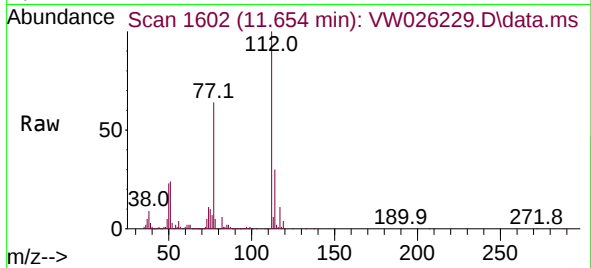




#51
Chlorobenzene
Concen: 22.320 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

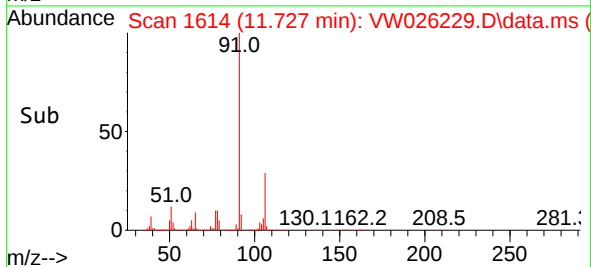
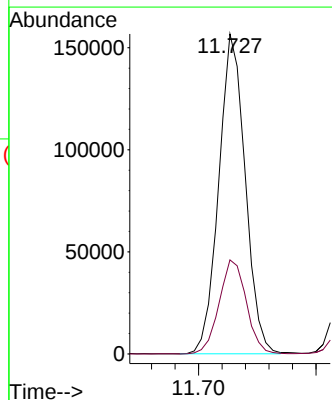
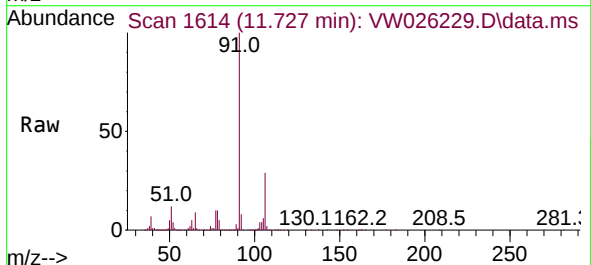
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

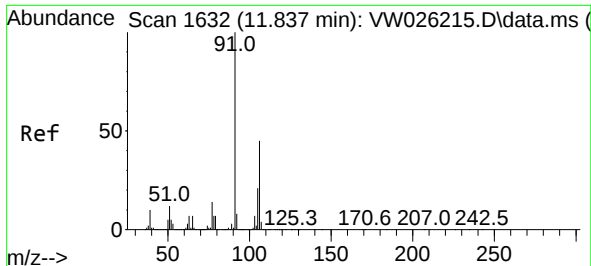
Tgt Ion:112 Resp: 142297
Ion Ratio Lower Upper
112 100
114 30.5 23.0 42.6
77 64.4 50.9 76.3



#52
Ethylbenzene
Concen: 21.342 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 91 Resp: 244938
Ion Ratio Lower Upper
91 100
106 29.4 21.2 39.4

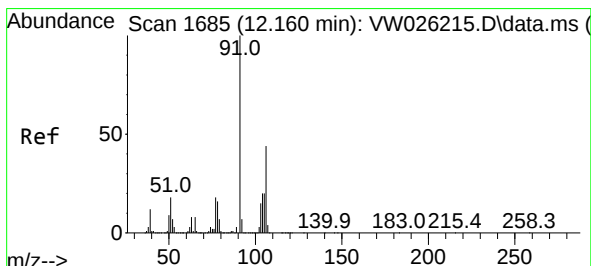
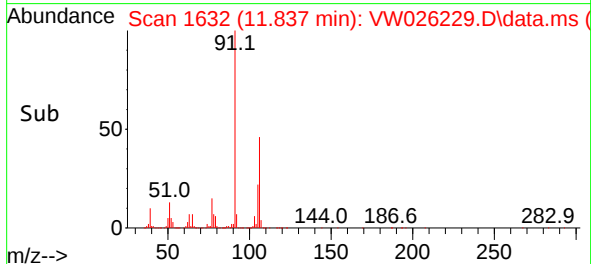
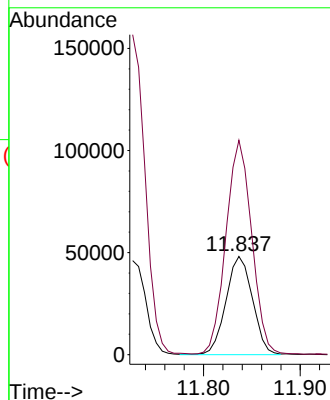
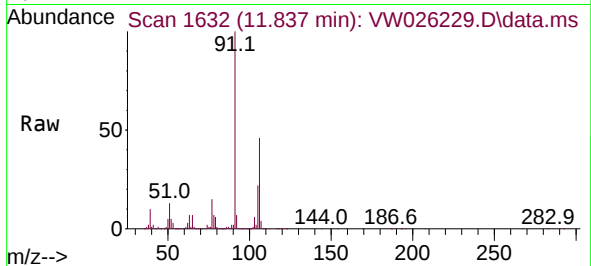




#53
m,p-Xylene
Concen: 21.494 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

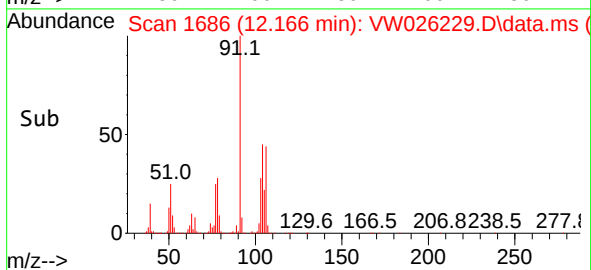
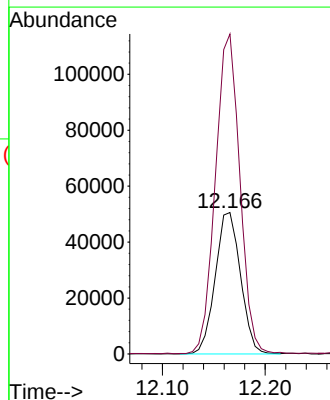
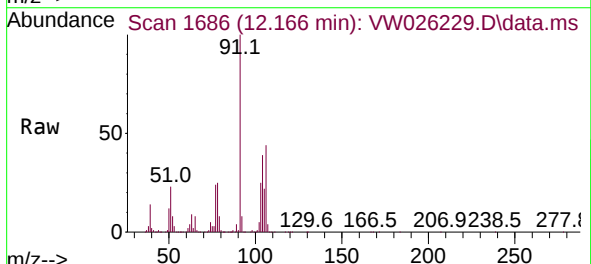
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

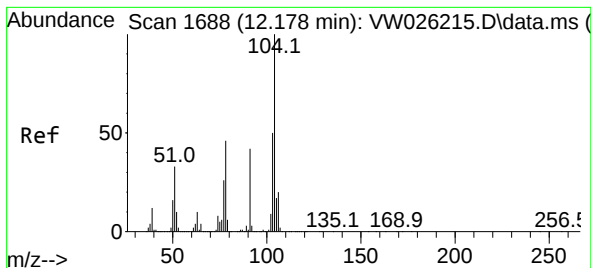
Tgt Ion:106 Resp: 91766
Ion Ratio Lower Upper
106 100
91 218.0 149.5 277.7



#54
o-Xylene
Concen: 21.429 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion:106 Resp: 86354
Ion Ratio Lower Upper
106 100
91 226.3 150.9 280.3





#55

Styrene

Concen: 21.525 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

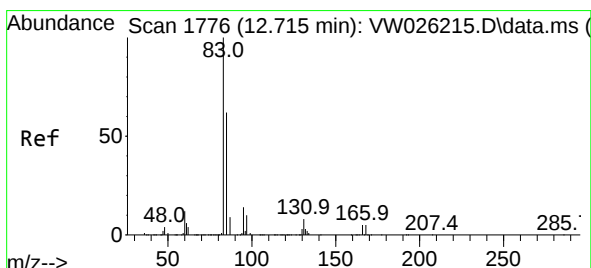
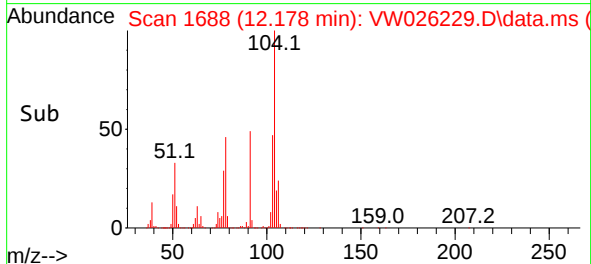
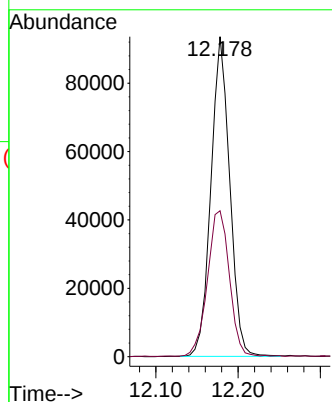
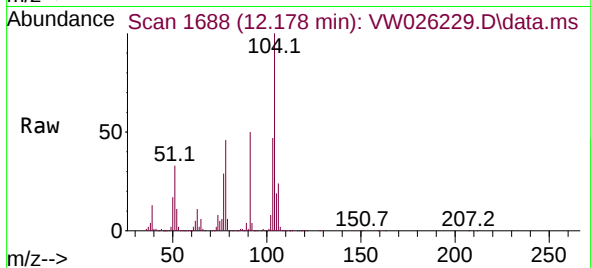
YBW10MSD

Tgt Ion:104 Resp: 148811

Ion Ratio Lower Upper

104 100

78 45.6 32.6 60.6



#57

1,1,2,2-Tetrachloroethane

Concen: 29.549 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

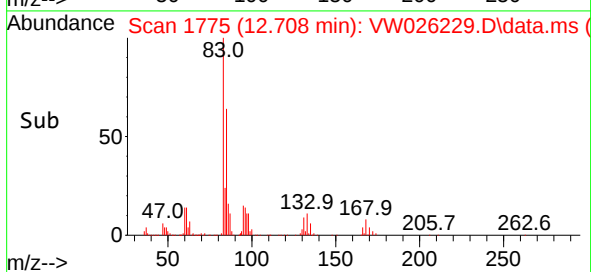
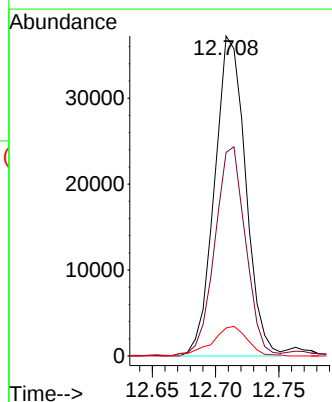
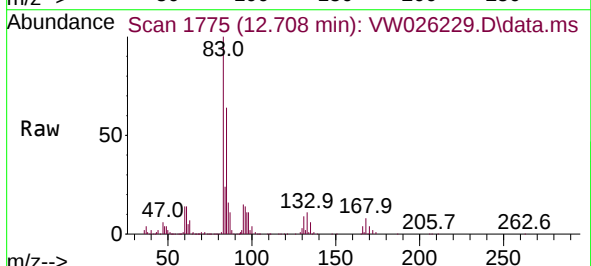
Tgt Ion: 83 Resp: 63497

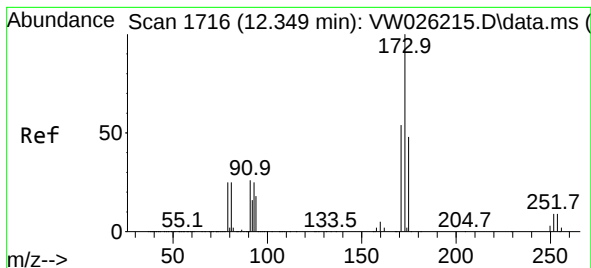
Ion Ratio Lower Upper

83 100

85 63.7 42.6 79.0

131 8.7 7.2 10.8





#59

Bromoform

Concen: 27.802 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

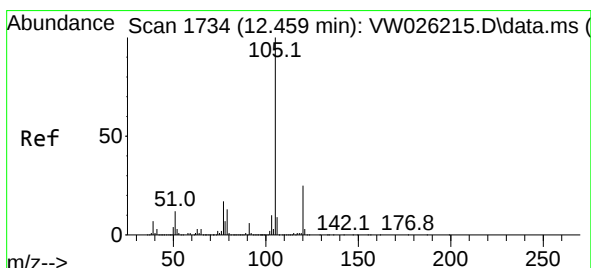
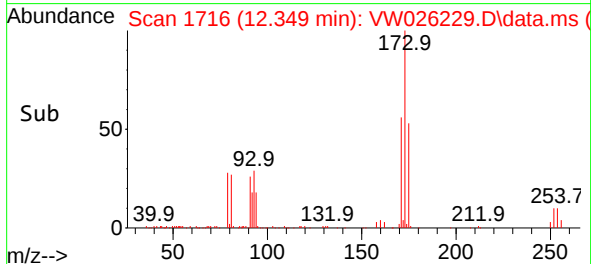
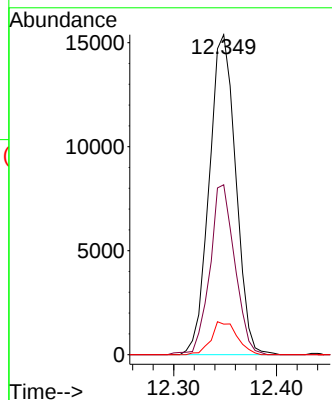
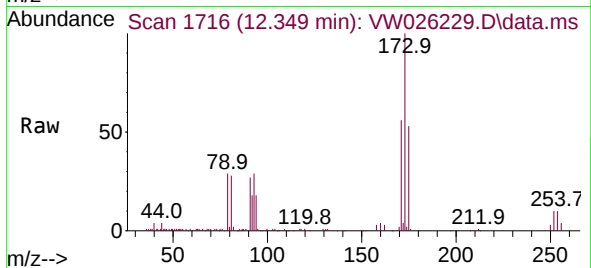
Tgt Ion:173 Resp: 27548

Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

254 10.0 7.4 11.0



#60

Isopropylbenzene

Concen: 23.868 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

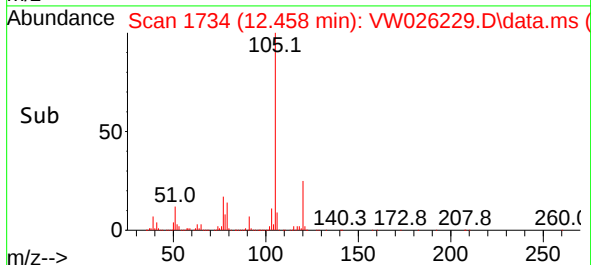
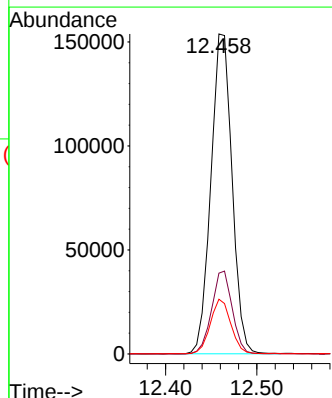
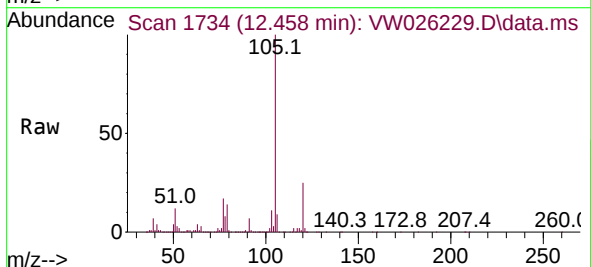
Tgt Ion:105 Resp: 247354

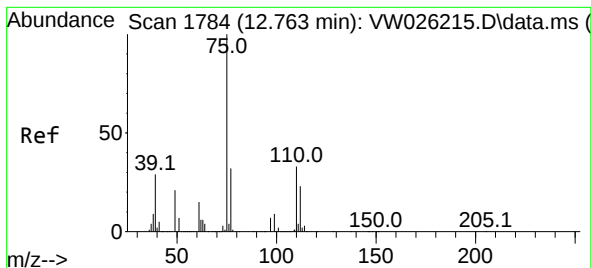
Ion Ratio Lower Upper

105 100

120 25.3 19.8 29.8

77 16.4 13.3 19.9





#61

1,2,3-Trichloropropane

Concen: 31.916 ug/L

RT: 12.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

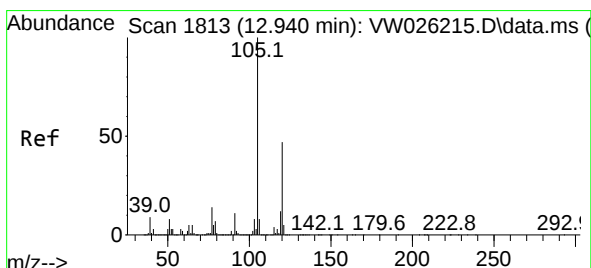
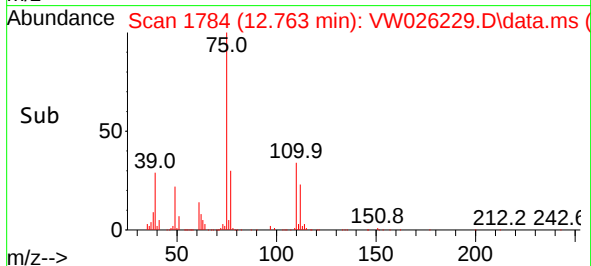
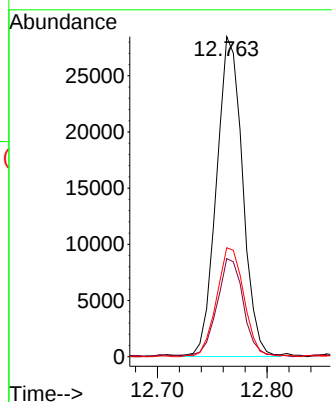
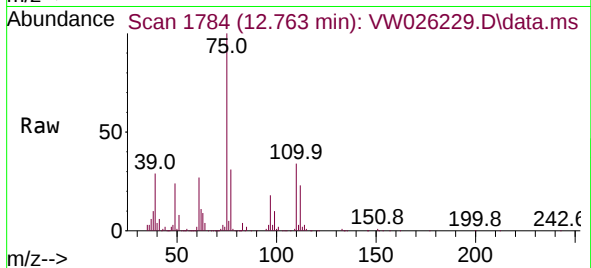
Tgt Ion: 75 Resp: 47164

Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

110 35.6 28.7 43.1



#62

1,3,5-Trimethylbenzene

Concen: 21.719 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026229.D

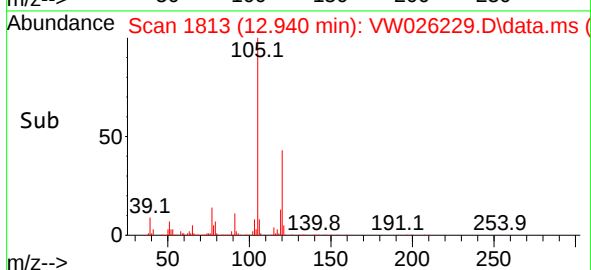
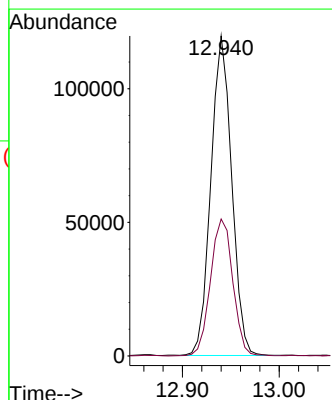
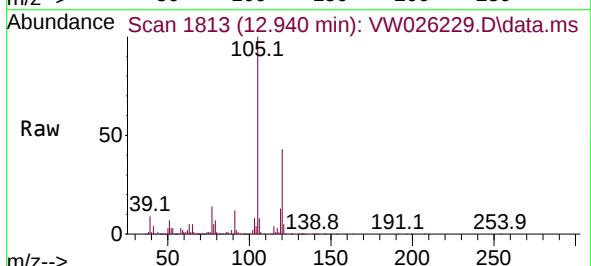
Acq: 16 Jun 2023 15:41

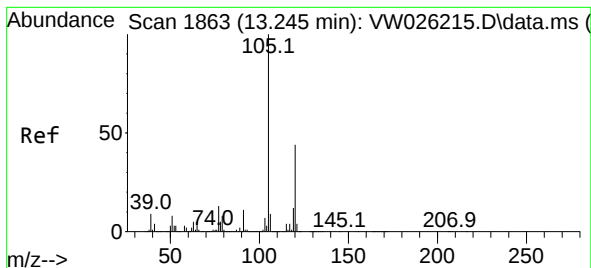
Tgt Ion: 105 Resp: 178931

Ion Ratio Lower Upper

105 100

120 46.1 38.8 58.2





#63

1,2,4-Trimethylbenzene

Concen: 20.784 ug/L

RT: 13.251 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

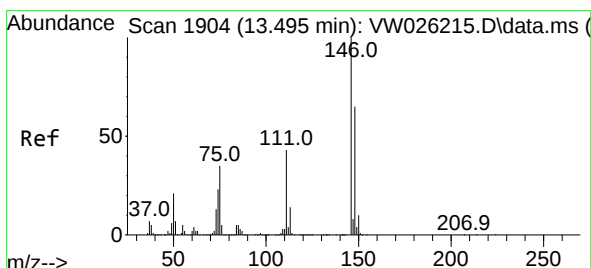
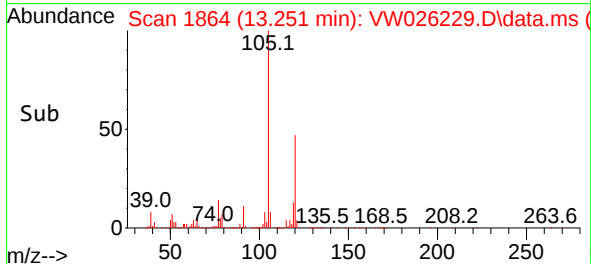
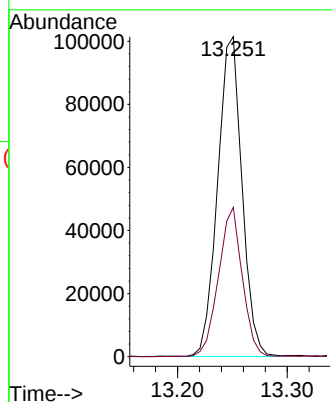
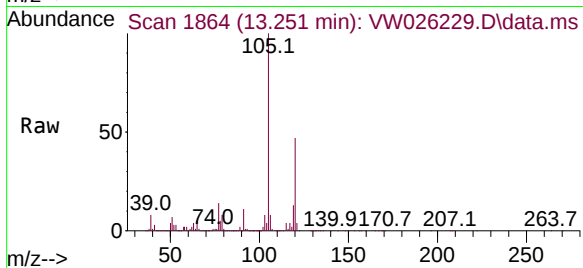
YBW10MSD

Tgt Ion:105 Resp: 156832

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.2



#64

1,3-Dichlorobenzene

Concen: 23.645 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

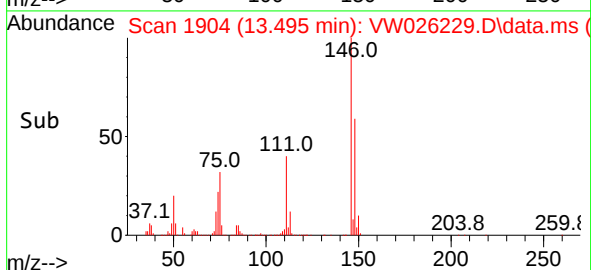
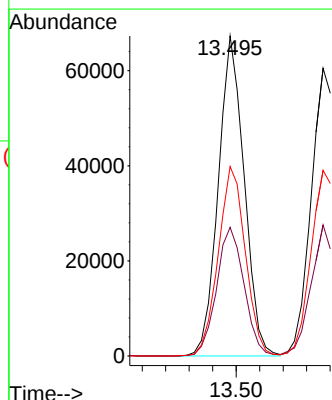
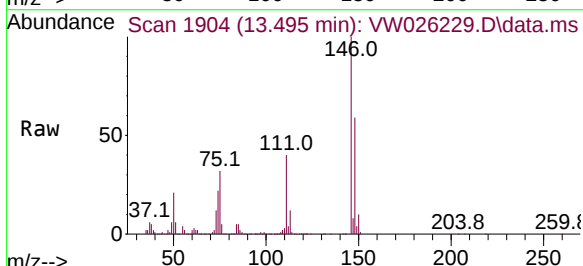
Tgt Ion:146 Resp: 103033

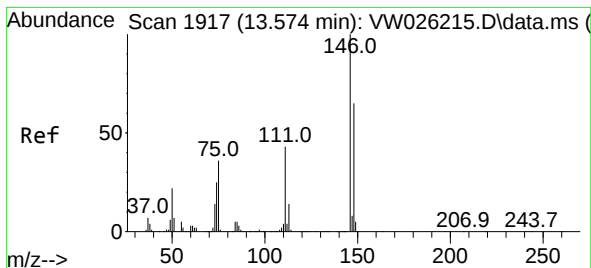
Ion Ratio Lower Upper

146 100

111 40.2 29.7 55.1

148 59.2 45.4 84.4





#65

1,4-Dichlorobenzene

Concen: 22.299 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

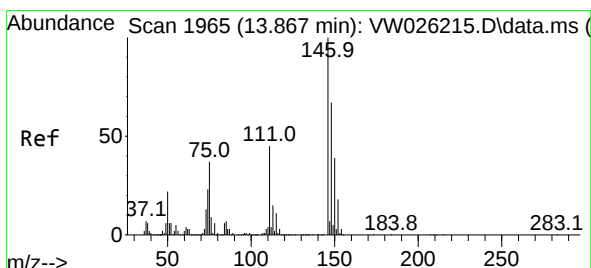
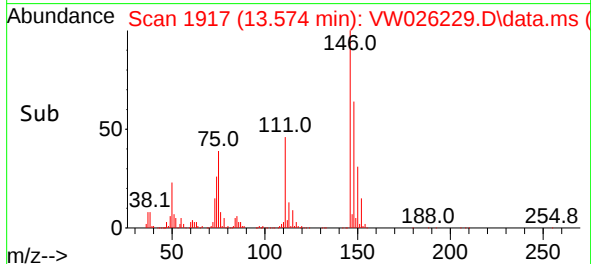
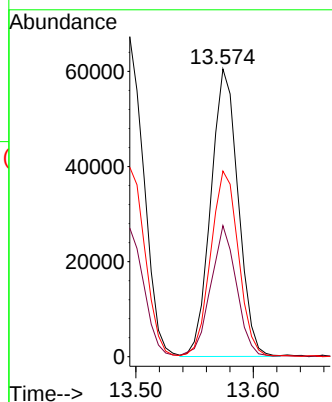
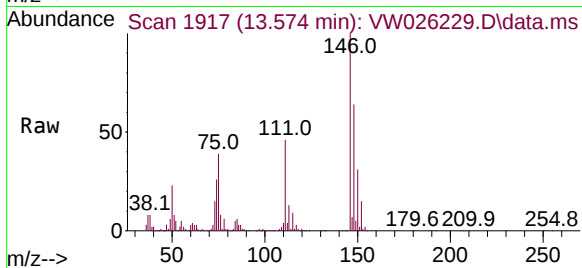
Tgt Ion:146 Resp: 97826

Ion Ratio Lower Upper

146 100

111 45.6 29.2 54.2

148 64.5 42.8 79.6



#67

1,2-Dichlorobenzene

Concen: 23.651 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

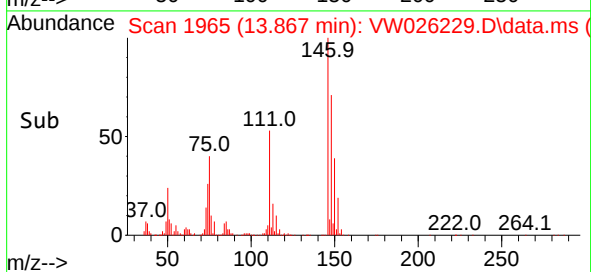
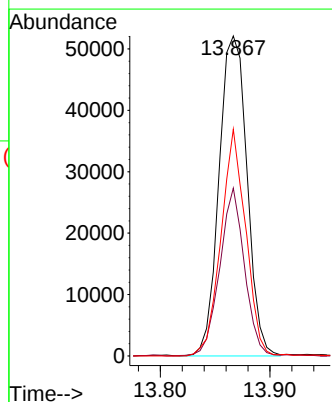
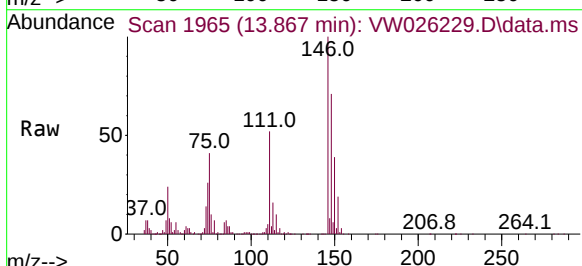
Tgt Ion:146 Resp: 92546

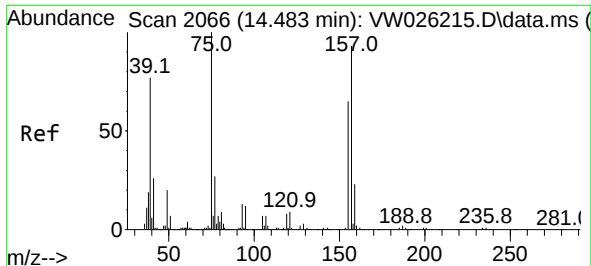
Ion Ratio Lower Upper

146 100

111 52.4 35.4 53.0

148 70.8 51.7 77.5





#68

1,2-Dibromo-3-chloropropane

Concen: 27.666 ug/L

RT: 14.476 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

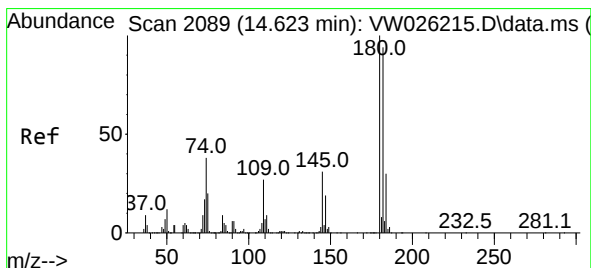
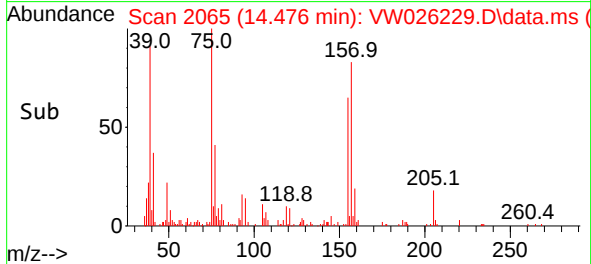
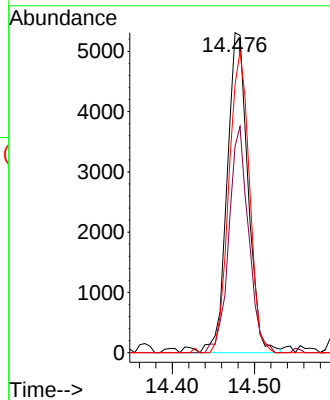
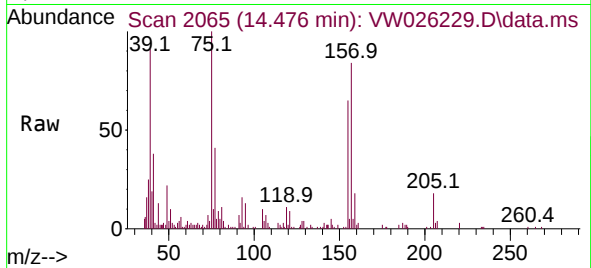
Tgt Ion: 75 Resp: 9472

Ion Ratio Lower Upper

75 100

155 64.6 59.0 88.6

157 83.9 71.7 107.5



#69

1,3,5-Trichlorobenzene

Concen: 21.462 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026229.D

Acq: 16 Jun 2023 15:41

Tgt Ion:180 Resp: 64243

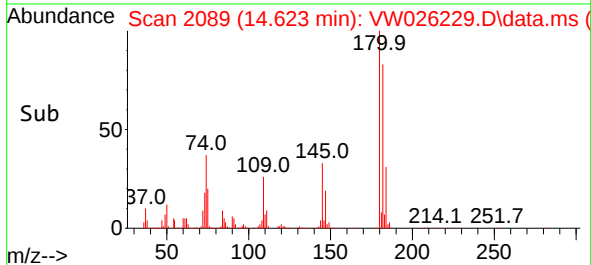
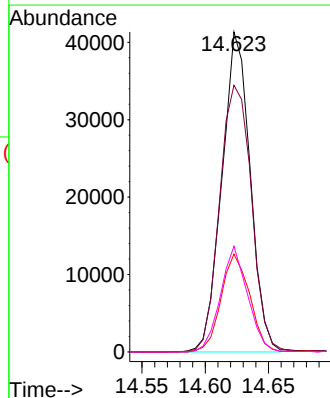
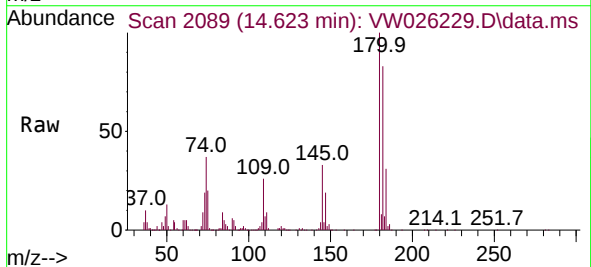
Ion Ratio Lower Upper

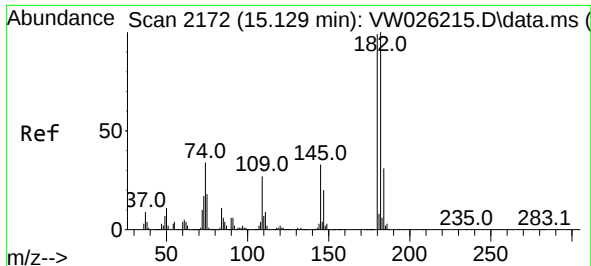
180 100

182 93.3 77.0 115.4

184 31.0 23.7 35.5

145 31.7 25.1 37.7

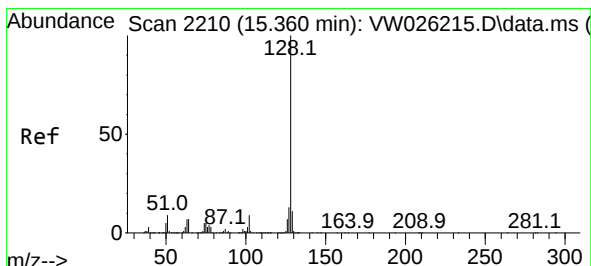
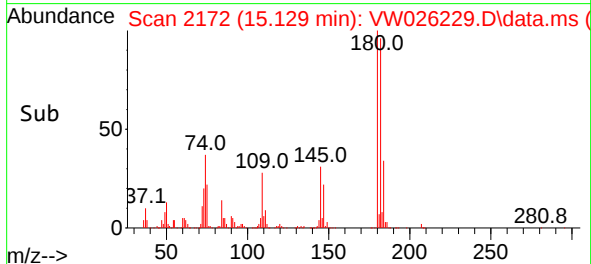
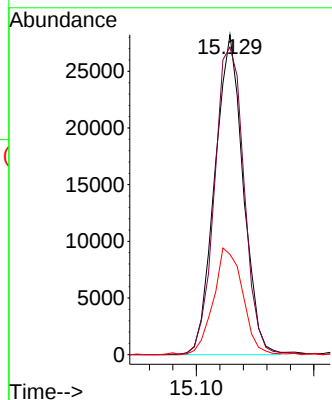
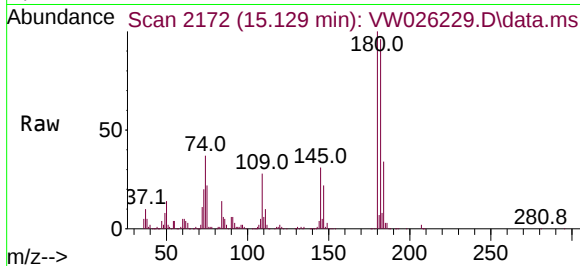




#70
1,2,4-trichlorobenzene
Concen: 19.191 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

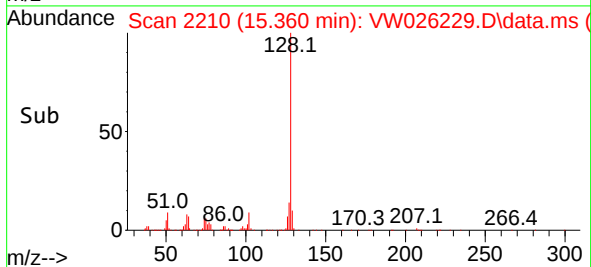
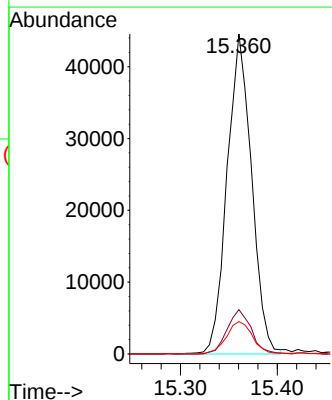
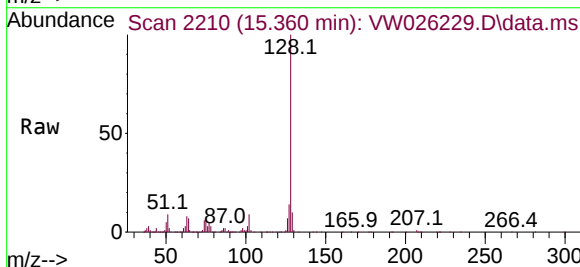
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

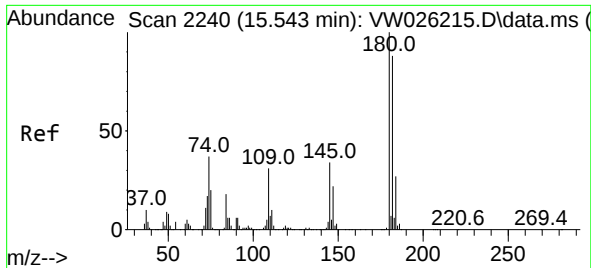
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	78.9	118.3
145	34.3	27.2	40.8



#71
Naphthalene
Concen: 17.743 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026229.D
Acq: 16 Jun 2023 15:41

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	10.8	8.8	13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 21.058 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026229.D
 Acq: 16 Jun 2023 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

Tgt Ion:180 Resp: 45456
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.3 114.5
 145 34.4 27.0 40.6

