

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062123\
 Data File : VW026285.D
 Acq On : 21 Jun 2023 13:08
 Operator : SY/MD
 Sample : 03334-05MS
 Misc : 4.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MS

Quant Time: Jun 22 01:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 22 01:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	524972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	479571	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	115941	15.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.800%
7) Chloroethane-d5	2.893	69	110689	20.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.080%
11) 1,1-Dichloroethene-d2	4.015	65	60285	16.555	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.200%
21) 2-Butanone-d5	7.075	46	113753	52.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.820%
24) Chloroform-d	7.648	84	298048	19.388	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.560%
26) 1,2-Dichloroethane-d4	8.307	65	165023	19.631	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.520%
32) Benzene-d6	8.276	84	552205	17.112	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.440%
36) 1,2-Dichloropropane-d6	9.276	67	189377	18.524	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.080%
41) Toluene-d8	10.325	98	464140	16.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.880%
43) trans-1,3-Dichloroprop...	10.575	79	65916	16.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.080%
47) 2-Hexanone-d5	10.922	63	64938	40.284	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	167678	22.539	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	142572	16.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.000%#
Target Compounds						Qvalue
3) Chloromethane	2.216	50	145236	17.601	ug/L	97
5) Vinyl chloride	2.369	62	167392	18.978	ug/L	97
6) Bromomethane	2.790	94	90588	18.839	ug/L	99
8) Chloroethane	2.930	64	99251	20.823	ug/L	96
9) Trichlorofluoromethane	3.265	101	146701	25.852	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	130957	18.289	ug/L	99
12) 1,1-Dichloroethene	4.039	96	121544	18.184	ug/L #	77
13) Acetone	4.119	43	101582	61.058	ug/L	99
14) Carbon disulfide	4.381	76	366410	15.529	ug/L	99
15) Methyl Acetate	4.667	43	75944	20.339	ug/L	98
16) Methylene chloride	4.911	84	146818	17.522	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	125385	16.720	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	235243	19.903	ug/L	99
19) 1,1-Dichloroethane	6.216	63	279619	18.315	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	165621	20.850	ug/L	96
22) 2-Butanone	7.167	43	113602	47.868	ug/L	100
23) Bromochloromethane	7.520	128	61197	18.064	ug/L	94
25) Chloroform	7.679	83	259777	18.268	ug/L	100
27) 1,2-Dichloroethane	8.398	62	182629	18.622	ug/L	98

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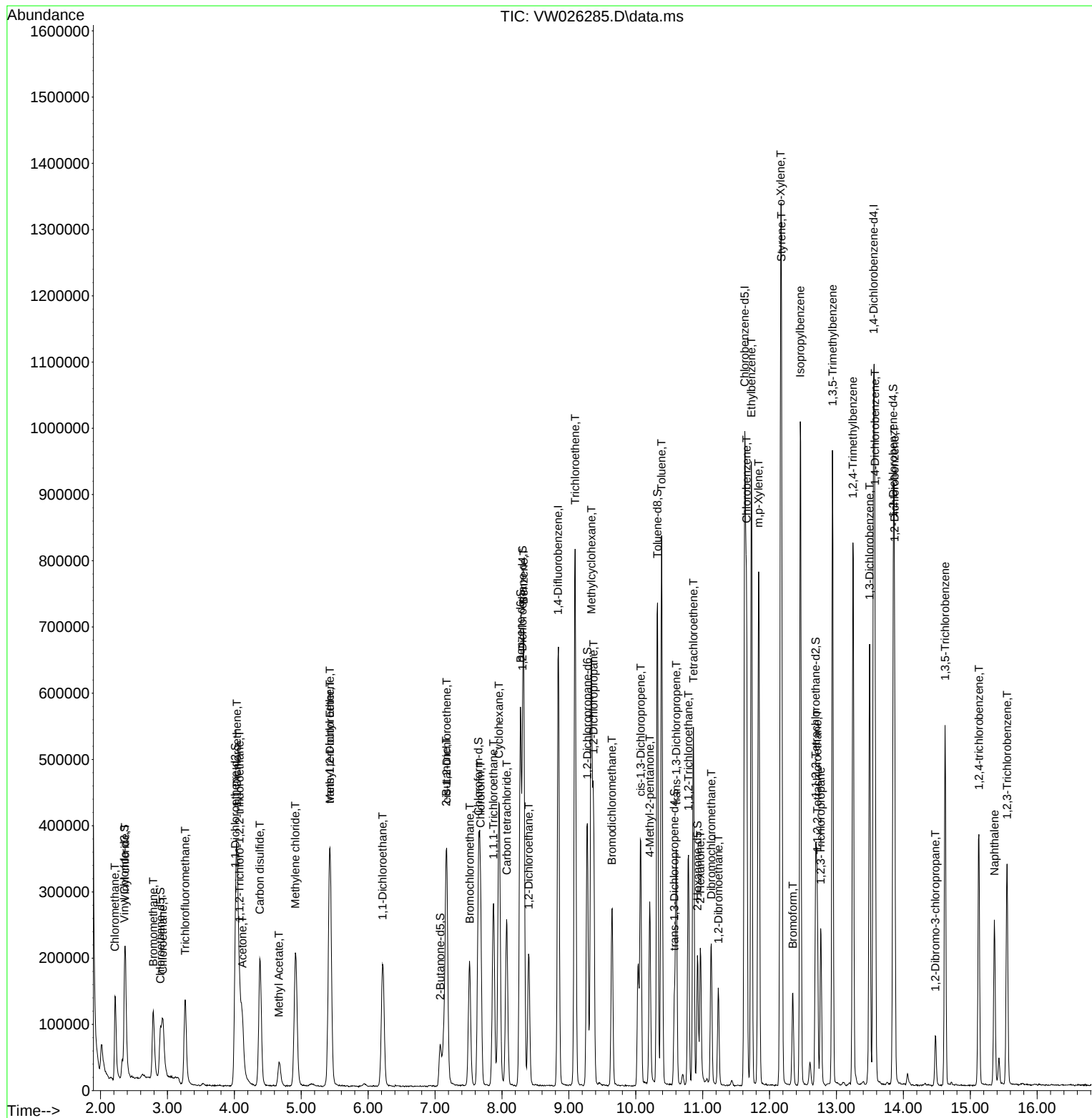
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	230444	15.564	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	214470	18.428	ug/L	98
31) Carbon tetrachloride	8.069	117	186133	17.527	ug/L	97
33) Benzene	8.325	78	560927	17.074	ug/L	100
34) Trichloroethene	9.093	95	281000	33.404	ug/L	97
35) Methylcyclohexane	9.337	83	229971	15.449	ug/L	98
37) 1,2-Dichloropropane	9.368	63	158246	17.784	ug/L	100
38) Bromodichloromethane	9.642	83	180580	17.468	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	216948	16.591	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	197061	37.564	ug/L	99
42) Toluene	10.386	91	574549	17.099	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	185637	17.041	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	107145	18.270	ug/L	97
46) Tetrachloroethene	10.861	164	115922	19.482	ug/L	94
48) 2-Hexanone	10.965	43	137841	37.265	ug/L	98
49) Dibromochloromethane	11.130	129	107937	17.555	ug/L	93
50) 1,2-Dibromoethane	11.233	107	95894	17.660	ug/L	99
51) Chlorobenzene	11.654	112	348393	16.546	ug/L	99
52) Ethylbenzene	11.727	91	631878	16.670	ug/L	100
53) m,p-Xylene	11.837	106	234920	16.660	ug/L	98
54) o-Xylene	12.166	106	218374	16.408	ug/L	99
55) Styrene	12.178	104	387976	16.992	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	135134	19.040	ug/L	97
59) Bromoform	12.349	173	59404	16.991	ug/L #	99
60) Isopropylbenzene	12.459	105	610182	16.686	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	97501	18.699	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	471801	16.230	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	437460	16.430	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	244283	15.888	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	242058	15.637	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	223276	16.171	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20169	16.695	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	146677	13.887	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	113686	13.045	ug/L	95
71) Naphthalene	15.360	128	199992	12.875	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102459	13.452	ug/L	98

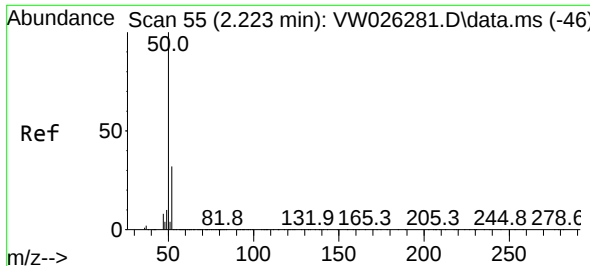
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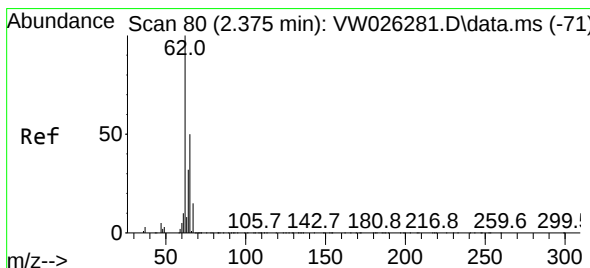
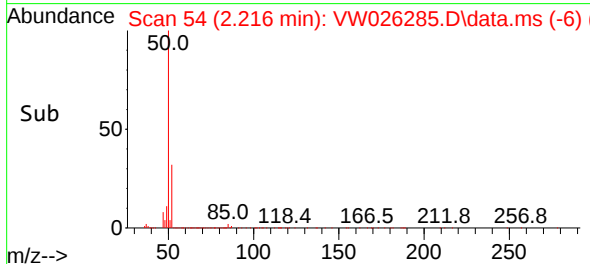
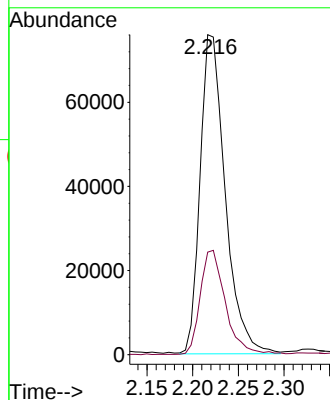
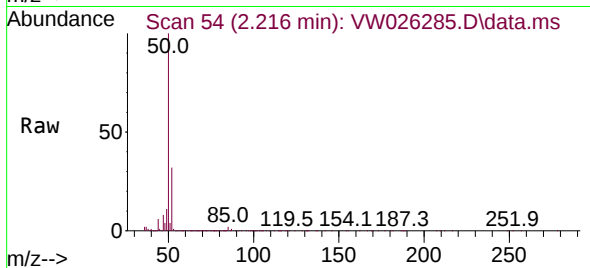




#3
Chloromethane
Concen: 17.601 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

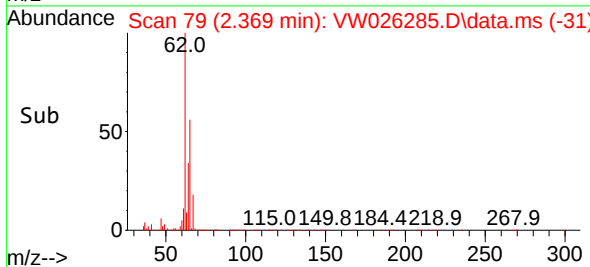
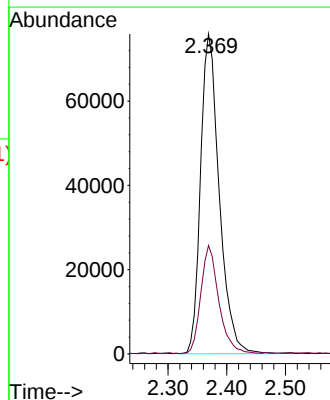
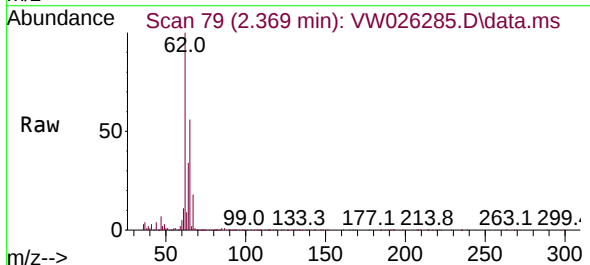
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MSVOA_W
ClientSampleId :
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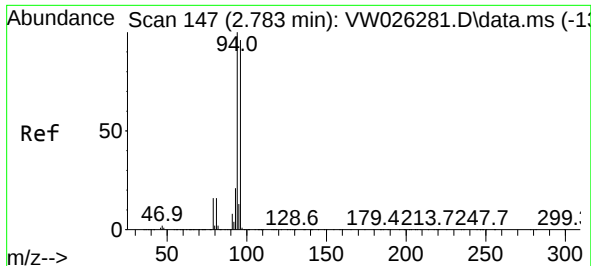
Tgt Ion: 50 Resp: 145236
Ion Ratio Lower Upper
50 100
52 32.0 21.3 39.6



#5
Vinyl chloride
Concen: 18.978 ug/L
RT: 2.369 min Scan# 79
Delta R.T. -0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 62 Resp: 167392
Ion Ratio Lower Upper
62 100
64 33.9 22.7 42.1

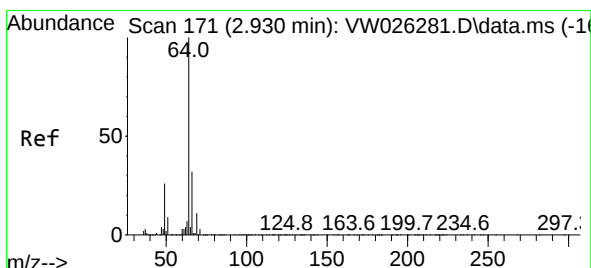
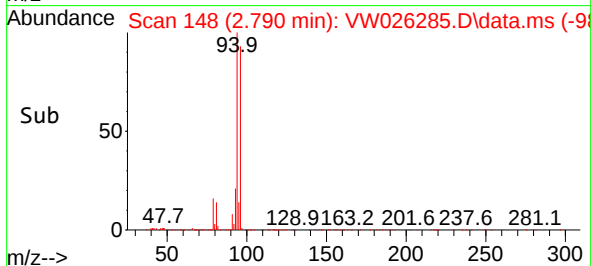
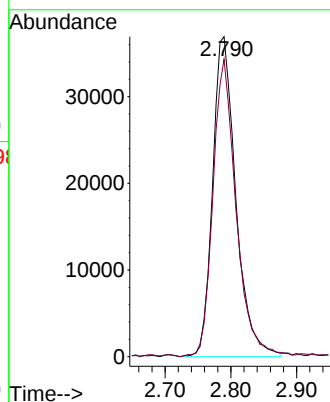
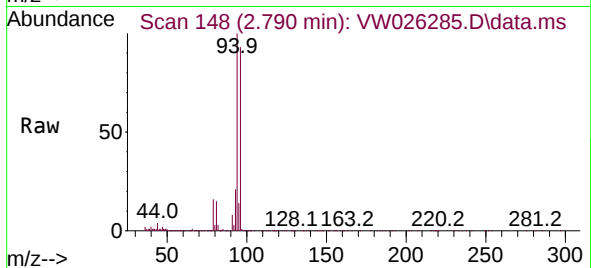




#6
Bromomethane
Concen: 18.839 ug/L
RT: 2.790 min Scan# 147
Delta R.T. 0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

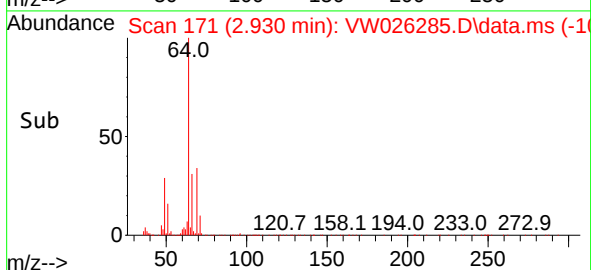
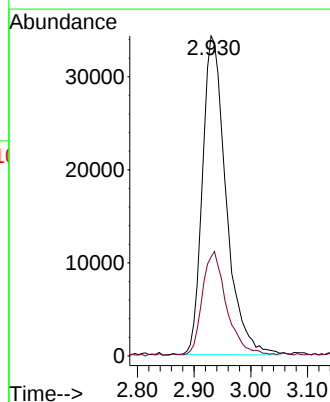
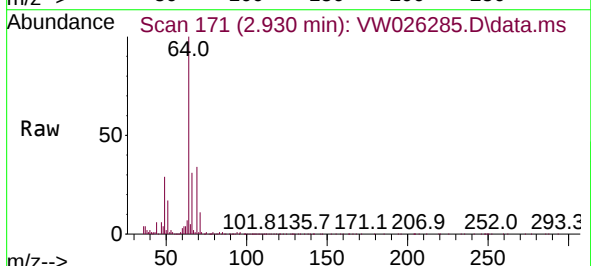
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ClientSampleId :
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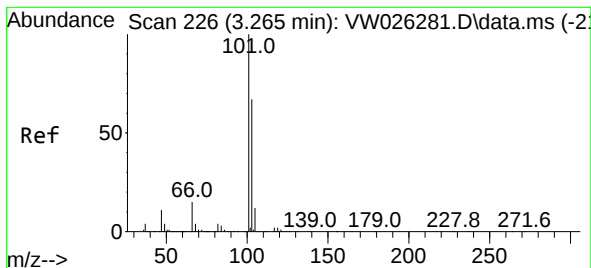
Tgt Ion: 94 Resp: 90588
Ion Ratio Lower Upper
94 100
96 92.9 64.2 119.2



#8
Chloroethane
Concen: 20.823 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 64 Resp: 99251
Ion Ratio Lower Upper
64 100
66 31.0 23.2 43.2





#9

Trichlorofluoromethane

Concen: 25.852 ug/L

RT: 3.265 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

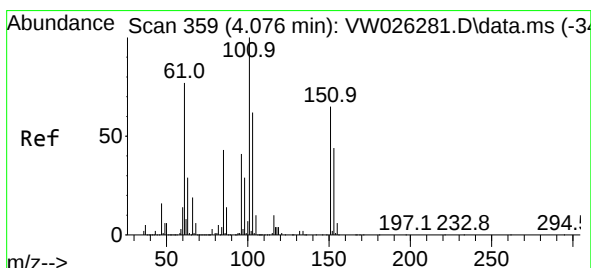
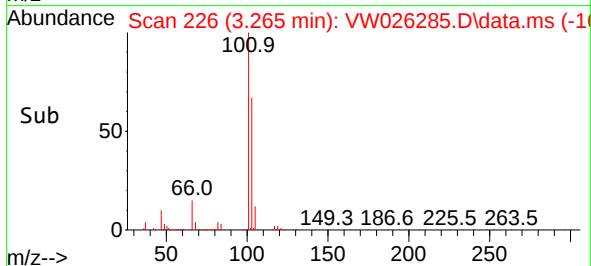
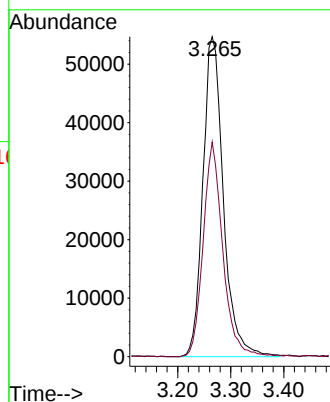
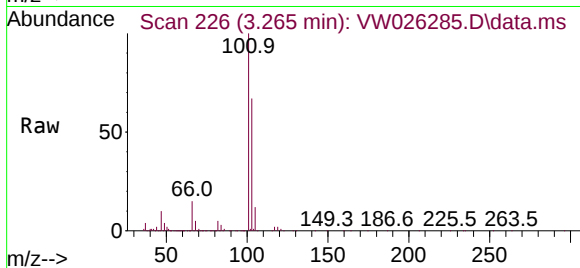
YBW01MS

Tgt Ion:101 Resp: 146701

Ion Ratio Lower Upper

101 100

103 64.0 51.6 77.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 18.289 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

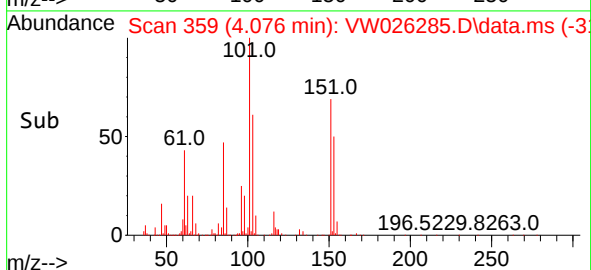
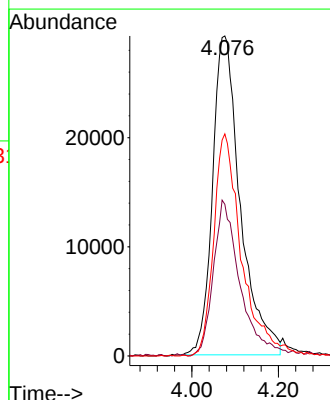
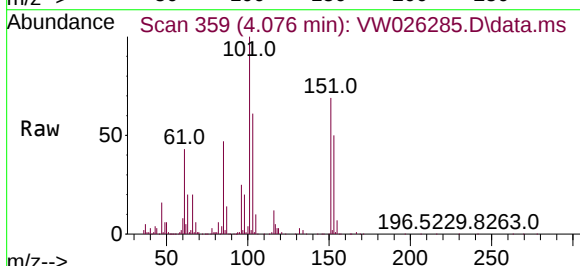
Tgt Ion:101 Resp: 130957

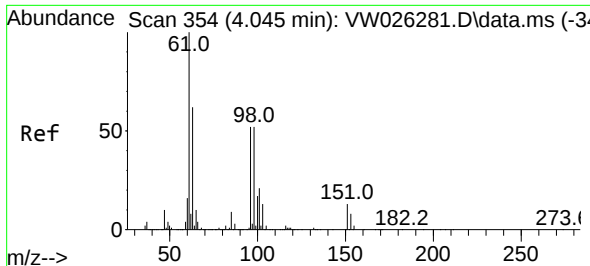
Ion Ratio Lower Upper

101 100

85 45.0 36.1 54.1

151 68.2 55.1 82.7

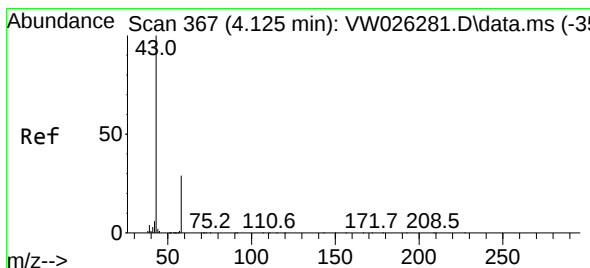
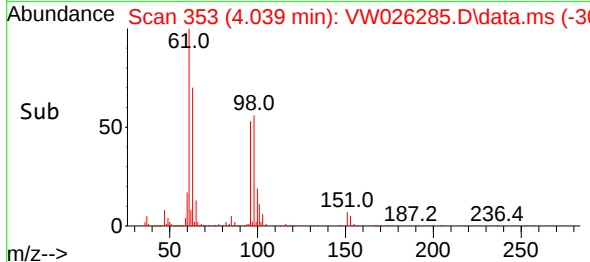
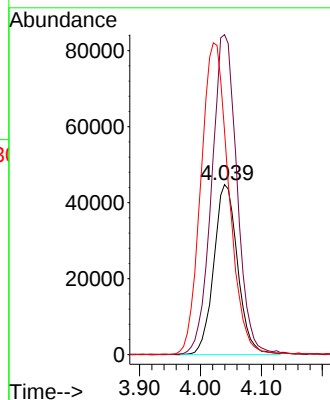
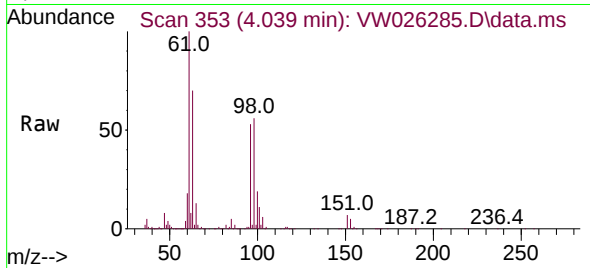




#12
1,1-Dichloroethene
Concen: 18.184 ug/L
RT: 4.039 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

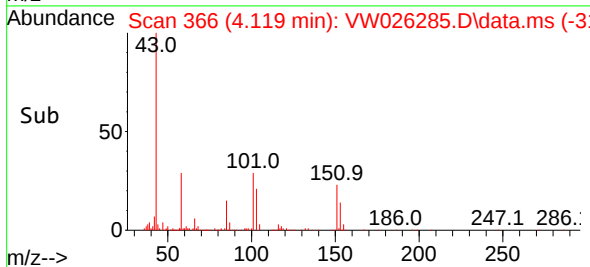
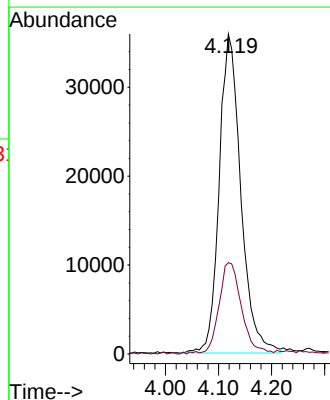
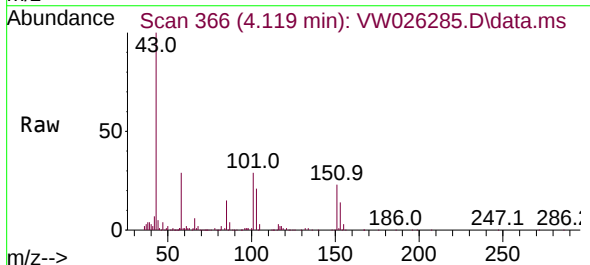
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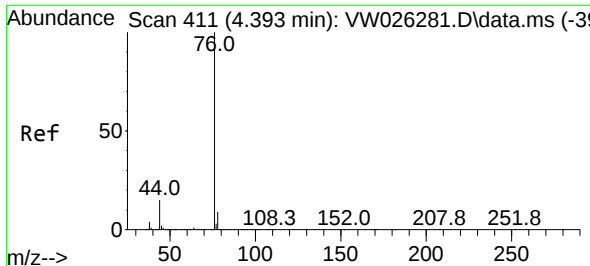
Tgt Ion: 96 Resp: 121544
Ion Ratio Lower Upper
96 100
61 188.1 140.6 261.0
63 131.6 131.7 244.5#



#13
Acetone
Concen: 61.058 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 43 Resp: 101582
Ion Ratio Lower Upper
43 100
58 28.6 0.0 58.2

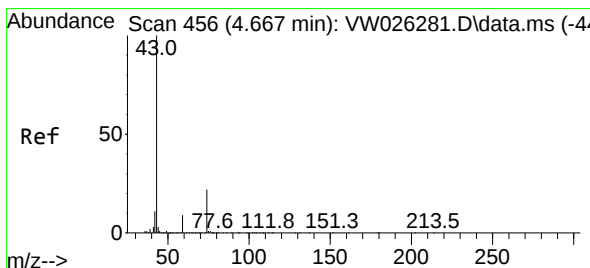
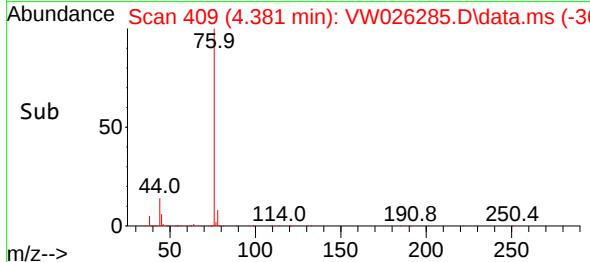
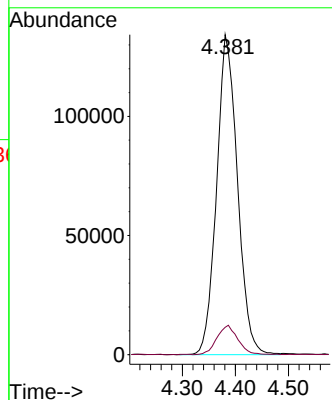
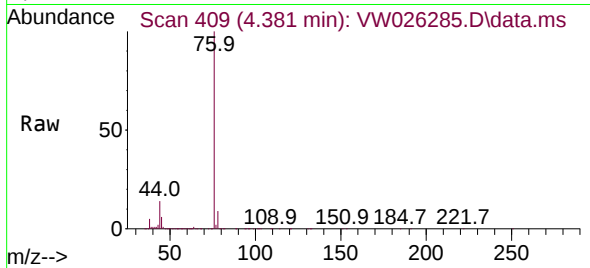




#14
Carbon disulfide
Concen: 15.529 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

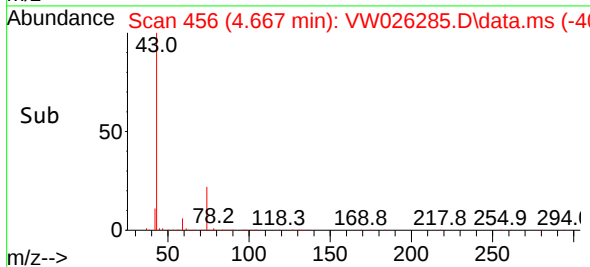
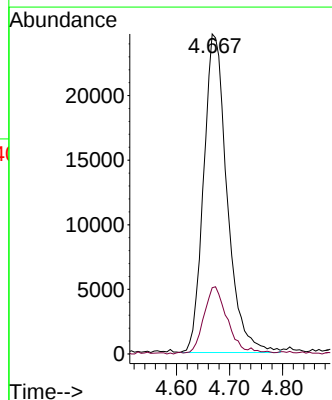
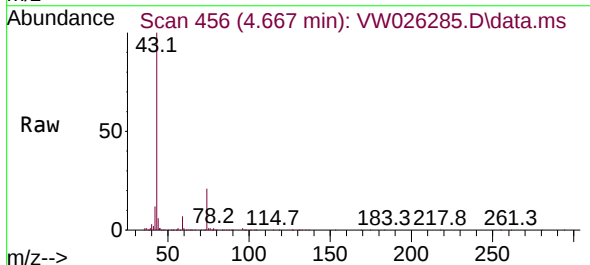
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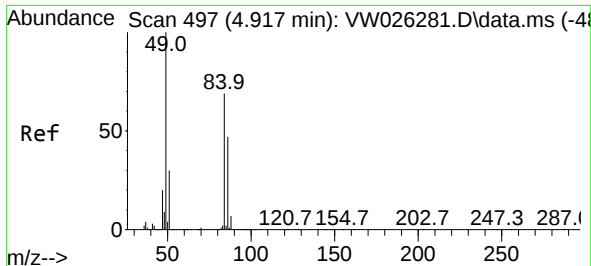
Tgt Ion: 76 Resp: 366410
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#15
Methyl Acetate
Concen: 20.339 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 43 Resp: 75944
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0

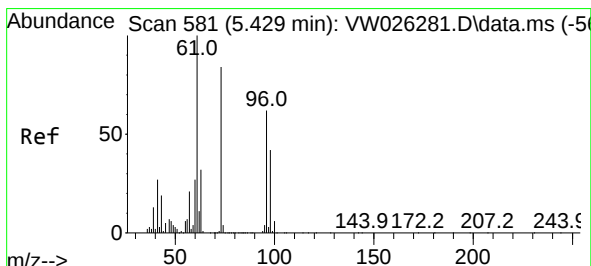
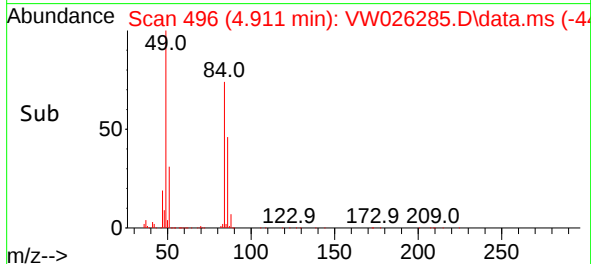
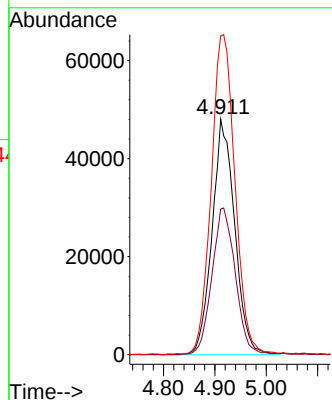
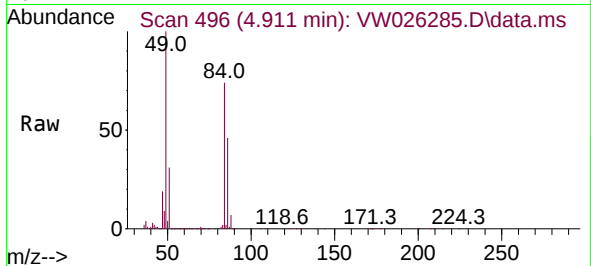




#16
Methylene chloride
Concen: 17.522 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

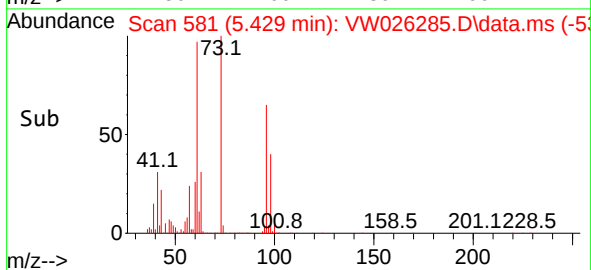
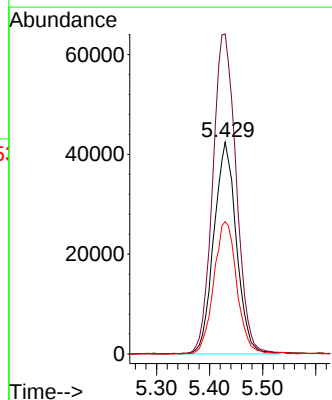
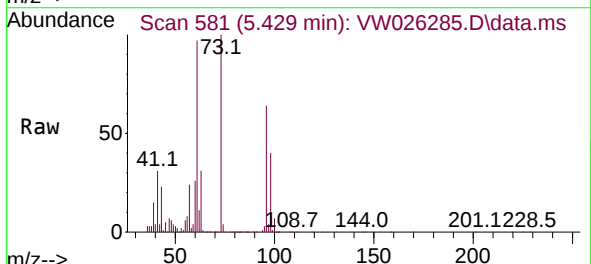
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

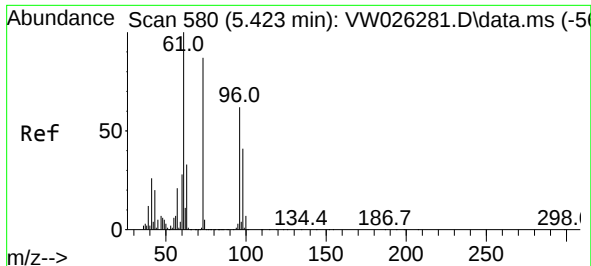
Tgt Ion: 84 Resp: 146818
Ion Ratio Lower Upper
84 100
86 61.9 44.2 82.0
49 135.3 98.8 183.6



#17
trans-1,2-Dichloroethene
Concen: 16.720 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 96 Resp: 125385
Ion Ratio Lower Upper
96 100
61 151.0 113.0 209.8
98 62.4 42.5 78.9

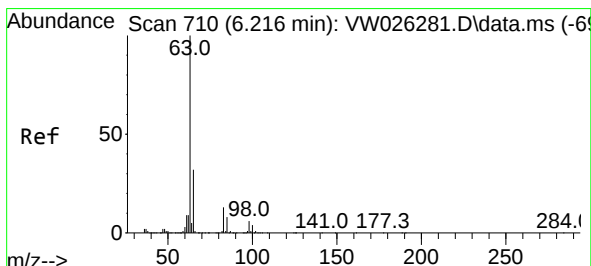
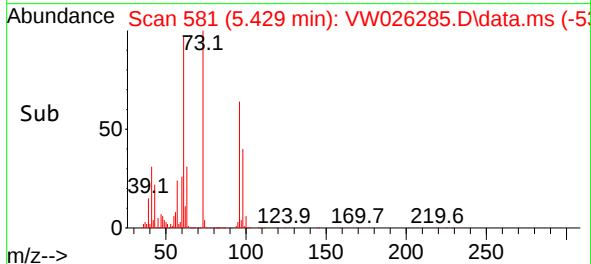
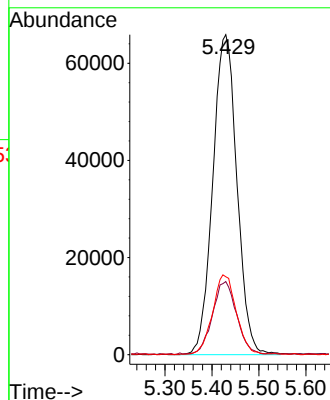
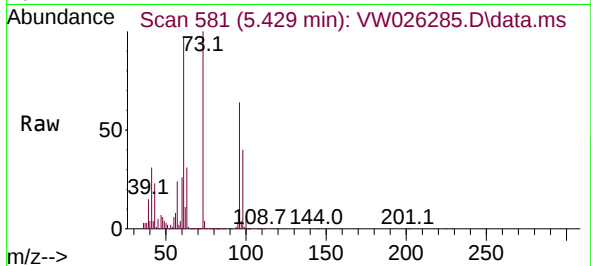




#18
Methyl tert-butyl Ether
Concen: 19.903 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

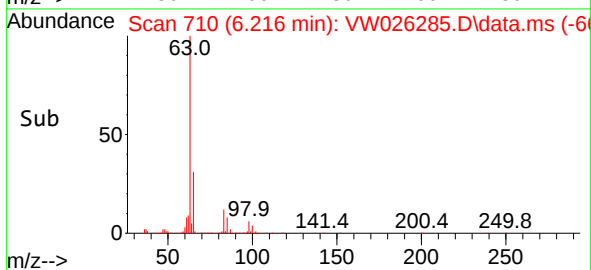
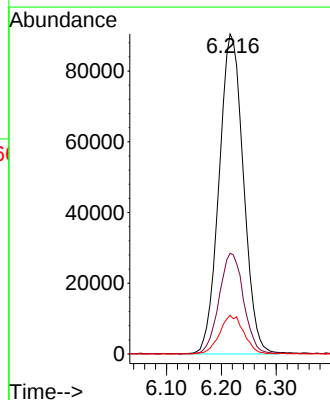
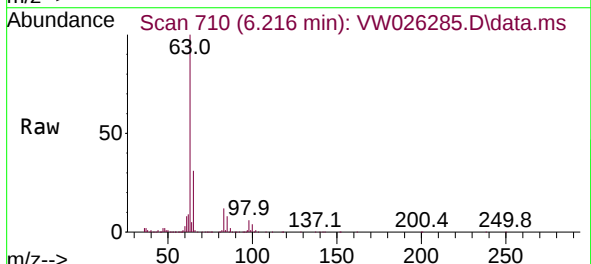
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

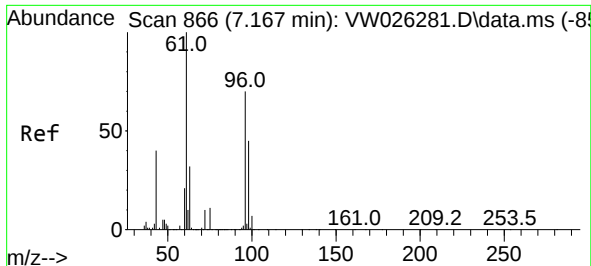
Tgt Ion: 73 Resp: 235243
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 24.1 18.9 28.3



#19
1,1-Dichloroethane
Concen: 18.315 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 63 Resp: 279619
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.5
83 12.1 9.1 16.9

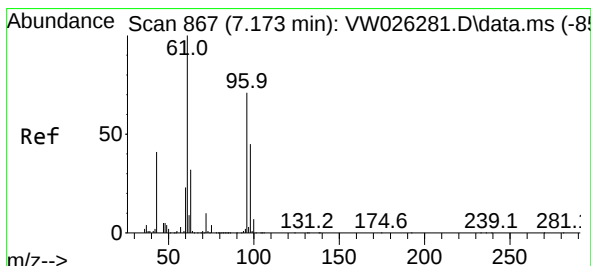
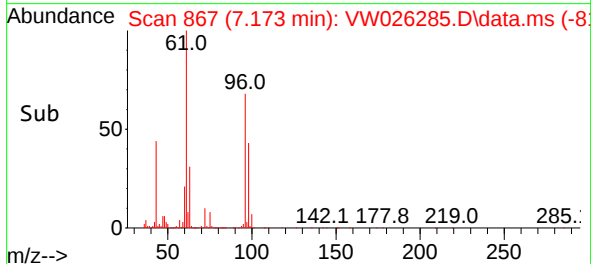
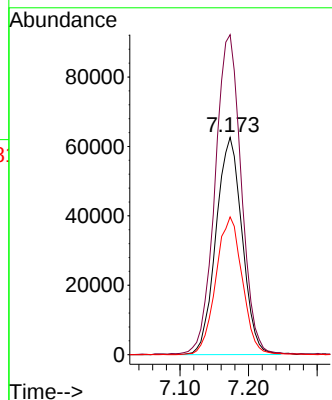
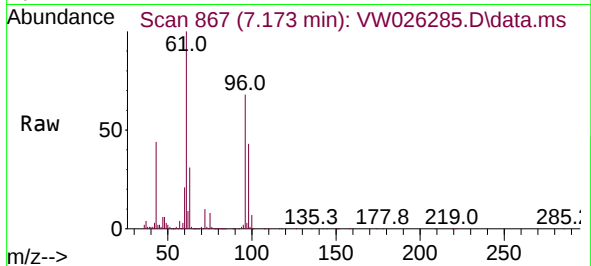




#20
cis-1,2-Dichloroethene
Concen: 20.850 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

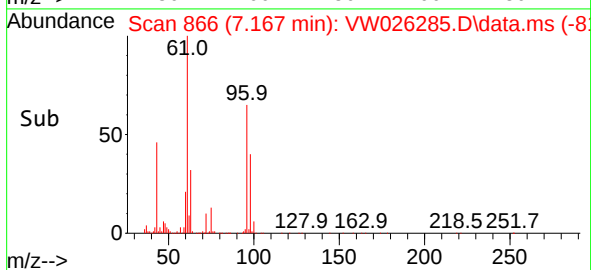
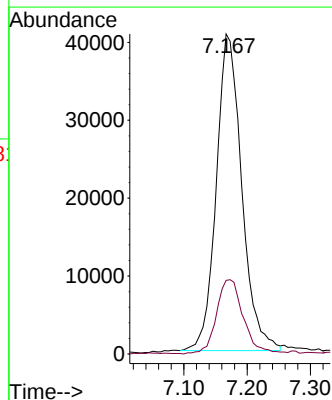
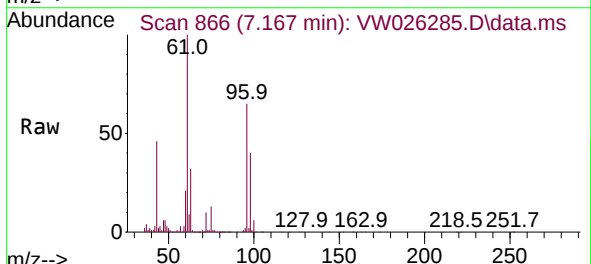
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

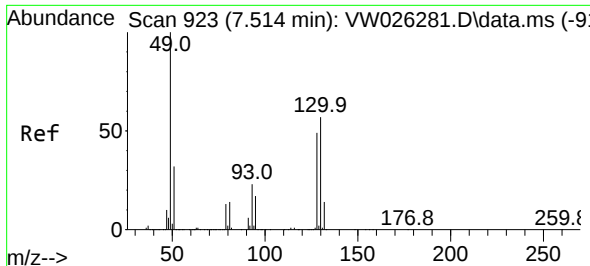
Tgt Ion: 96 Resp: 165621
Ion Ratio Lower Upper
96 100
61 147.2 98.4 182.8
98 63.4 45.2 84.0



#22
2-Butanone
Concen: 47.868 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 43 Resp: 113602
Ion Ratio Lower Upper
43 100
72 24.8 12.4 37.4

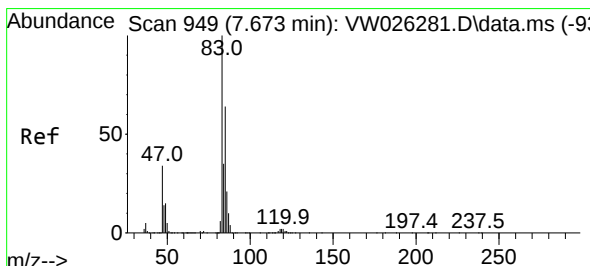
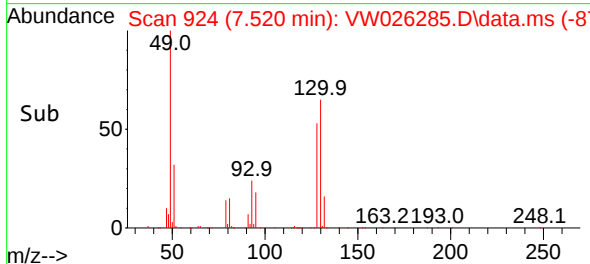
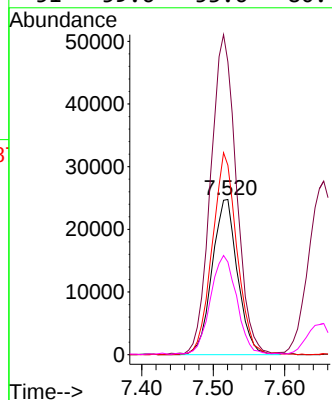
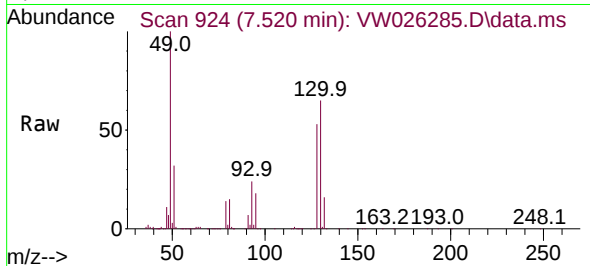




#23
Bromochloromethane
Concen: 18.064 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

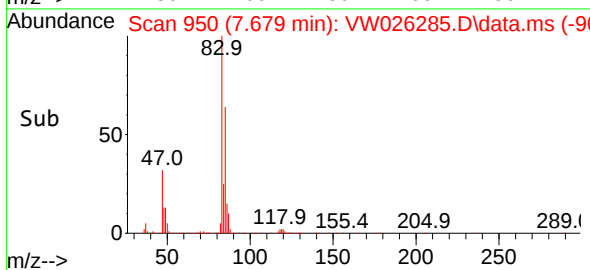
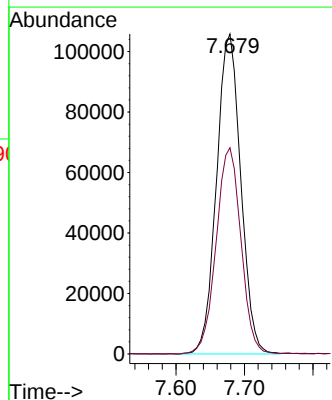
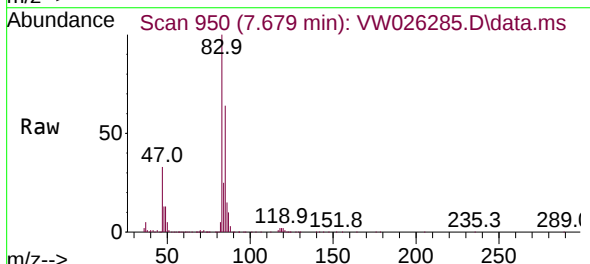
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

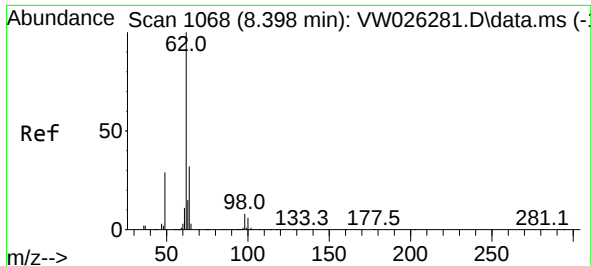
Tgt Ion:	128	Resp:	61197
Ion	Ratio	Lower	Upper
128	100		
49	188.6	140.6	261.0
130	122.1	86.0	159.6
51	59.6	53.6	80.4



#25
Chloroform
Concen: 18.268 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion:	83	Resp:	259777
Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.1	83.7





#27

1,2-Dichloroethane

Concen: 18.622 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

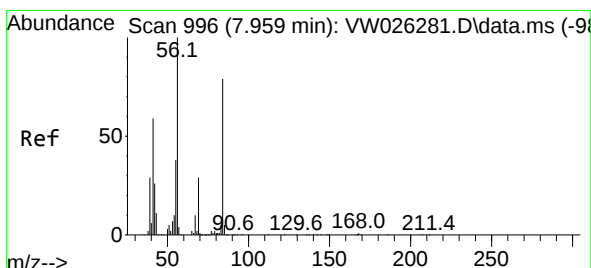
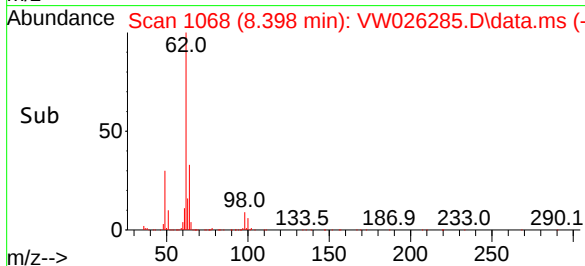
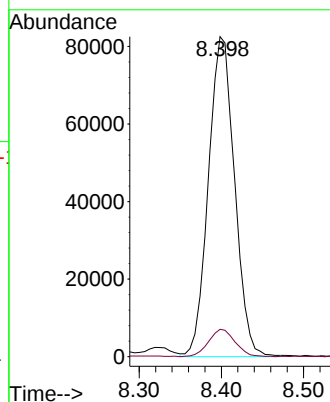
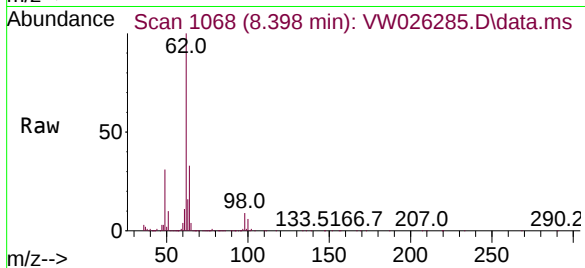
YBW01MS

Tgt Ion: 62 Resp: 182629

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.2



#29

Cyclohexane

Concen: 15.564 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

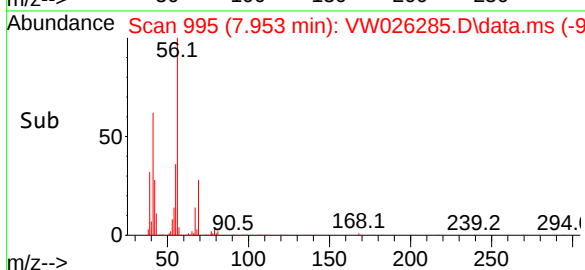
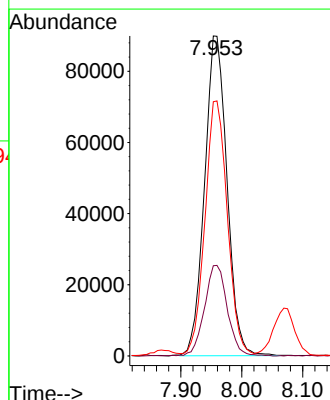
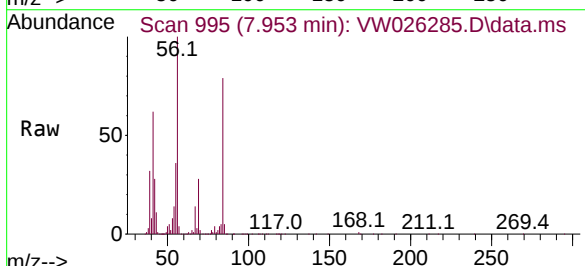
Tgt Ion: 56 Resp: 230444

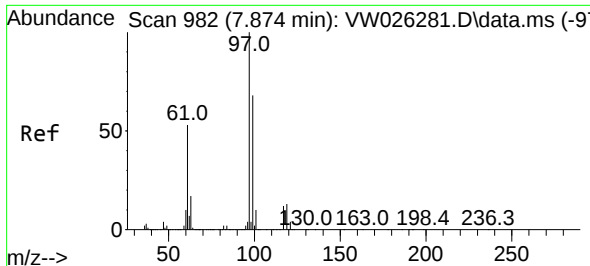
Ion Ratio Lower Upper

56 100

69 28.7 23.3 34.9

84 79.5 63.0 94.6

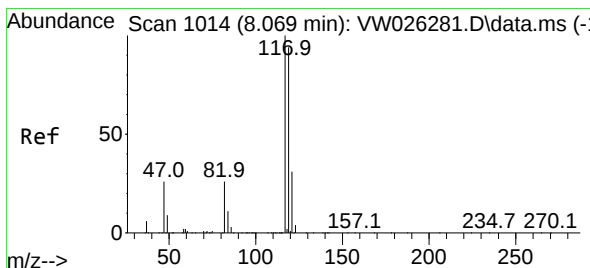
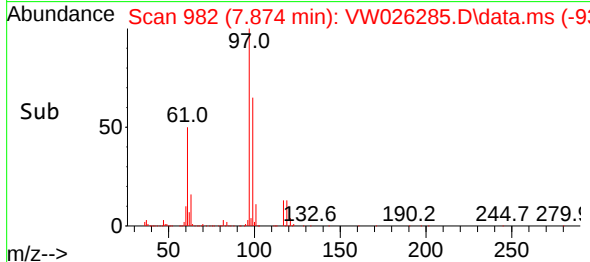
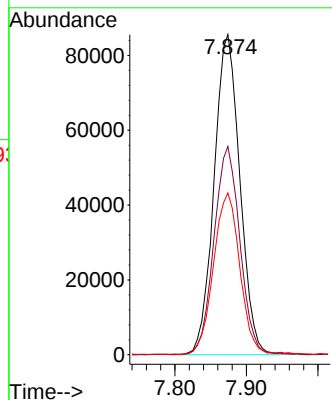
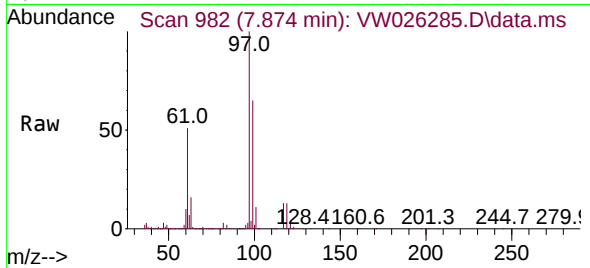




#30
1,1,1-Trichloroethane
Concen: 18.428 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

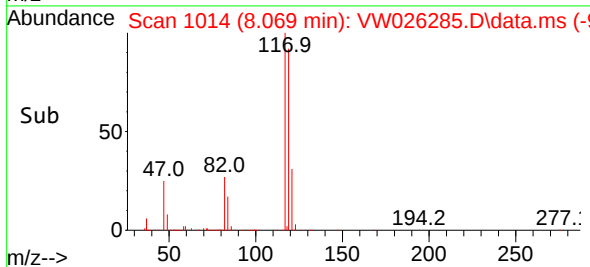
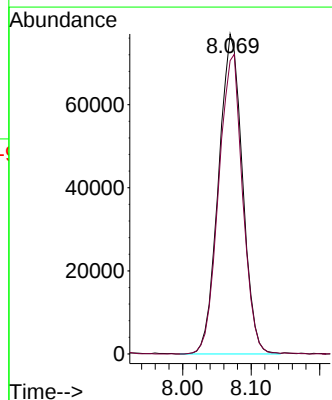
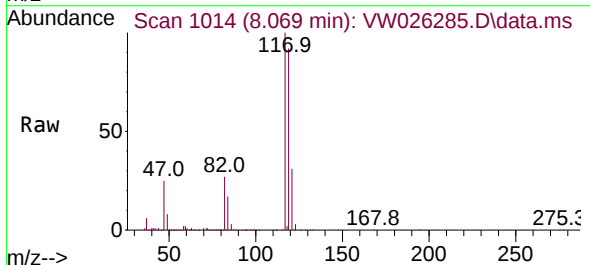
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

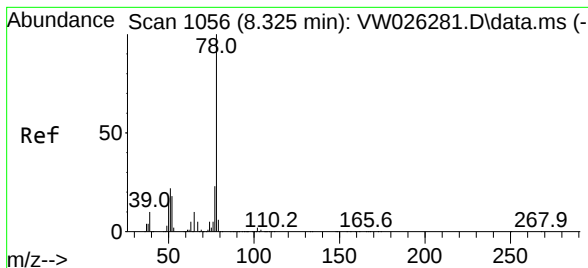
Tgt Ion: 97 Resp: 214470
Ion Ratio Lower Upper
97 100
99 65.2 50.6 76.0
61 51.4 40.5 60.7



#31
Carbon tetrachloride
Concen: 17.527 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 117 Resp: 186133
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.2





#33

Benzene

Concen: 17.074 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

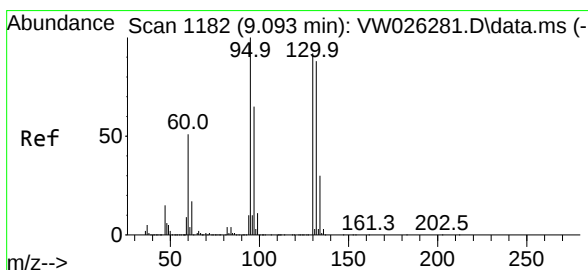
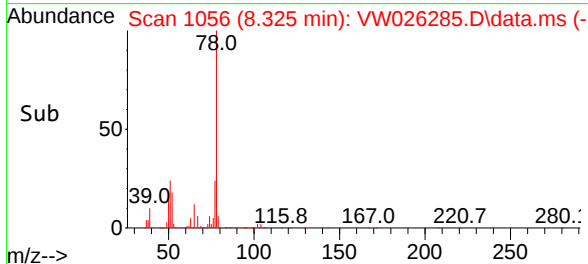
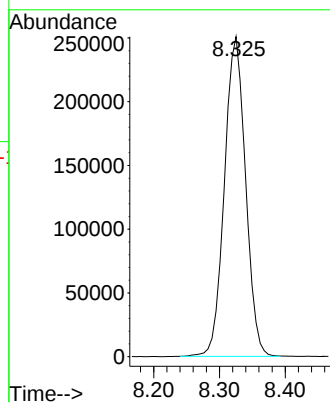
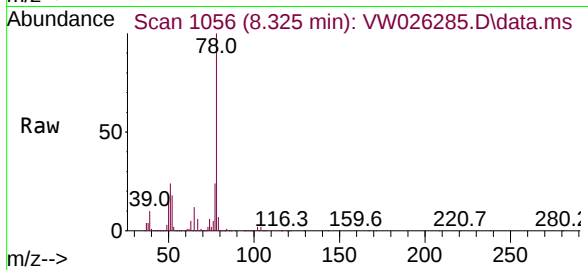
Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

Tgt Ion: 78 Resp: 560927



#34

Trichloroethene

Concen: 33.404 ug/L

RT: 9.093 min Scan# 1182

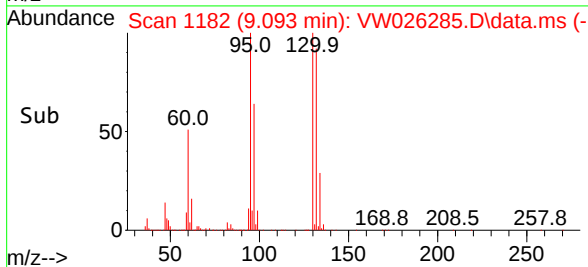
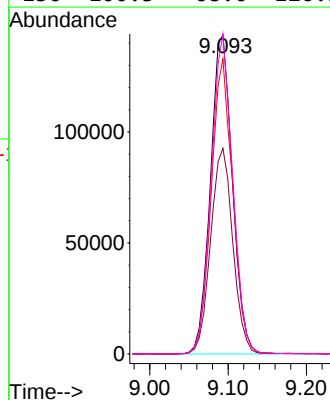
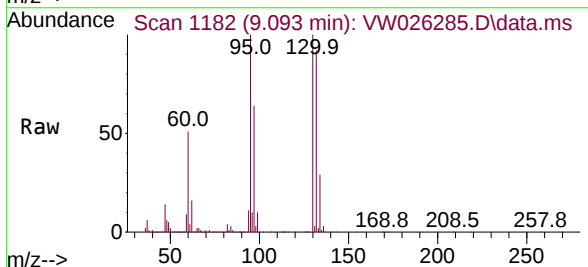
Delta R.T. 0.000 min

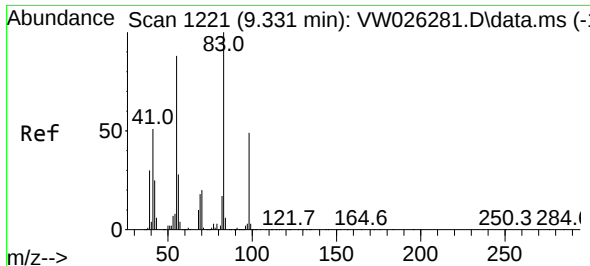
Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Tgt Ion: 95 Resp: 281000

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	92.5	67.1	124.7
130	100.3	68.0	126.2

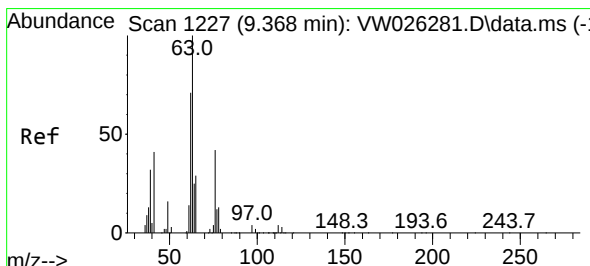
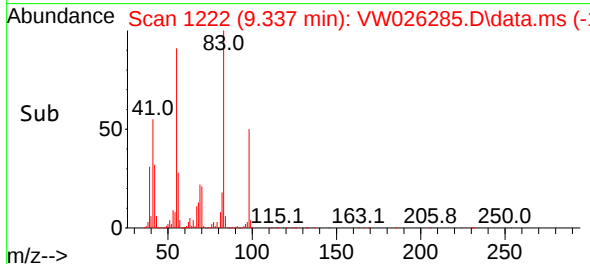
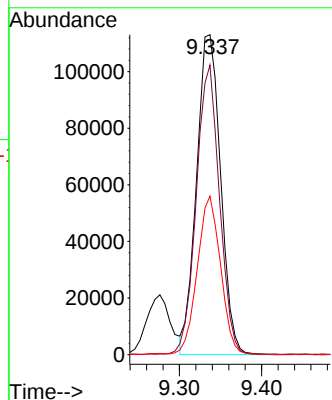
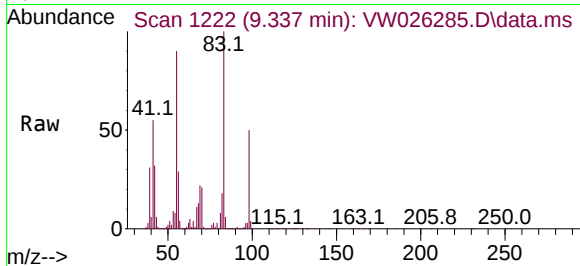




#35
Methylcyclohexane
Concen: 15.449 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

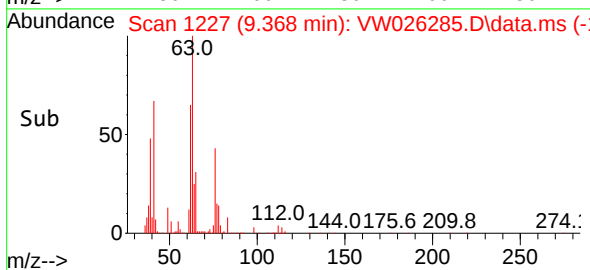
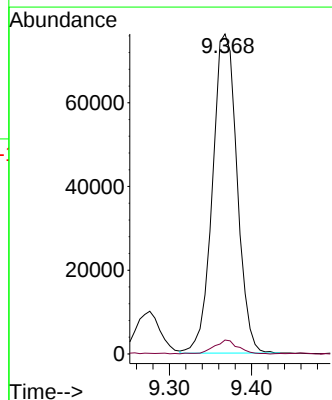
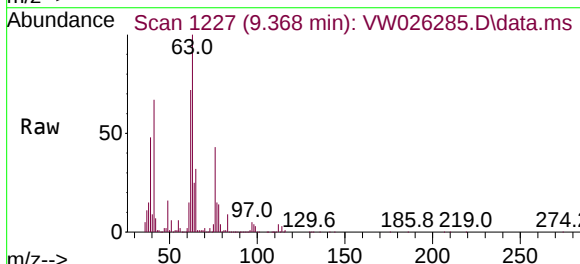
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

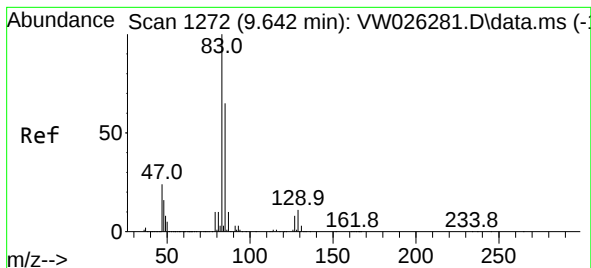
Tgt Ion: 83 Resp: 229971
Ion Ratio Lower Upper
83 100
55 87.2 68.2 102.4
98 48.0 38.1 57.1



#37
1,2-Dichloropropane
Concen: 17.784 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 63 Resp: 158246
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9





#38

Bromodichloromethane

Concen: 17.468 ug/L

RT: 9.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

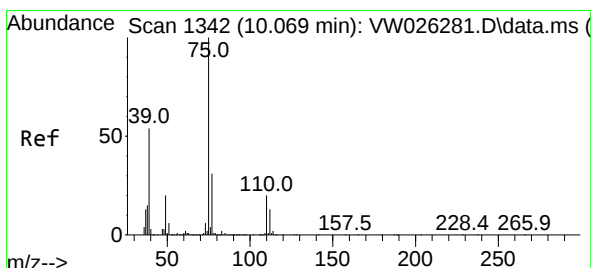
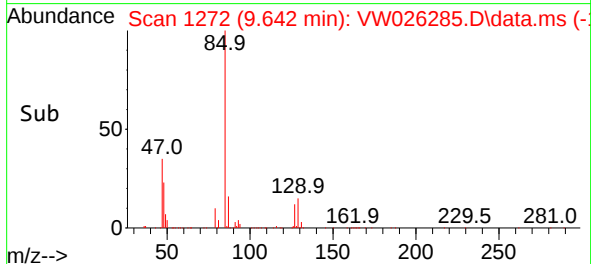
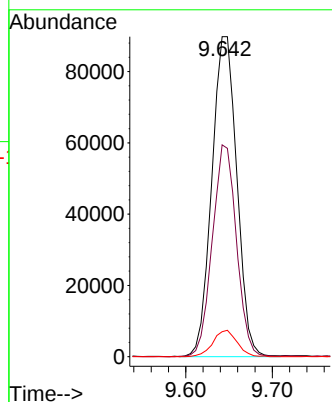
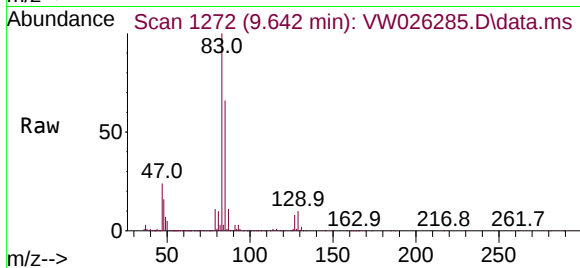
Tgt Ion: 83 Resp: 180580

Ion Ratio Lower Upper

83 100

85 66.2 44.2 82.0

127 7.8 6.2 9.2



#39

cis-1,3-Dichloropropene

Concen: 16.591 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW026285.D

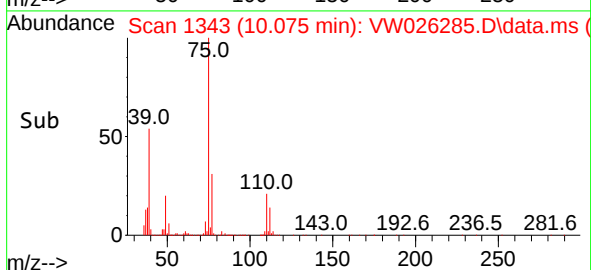
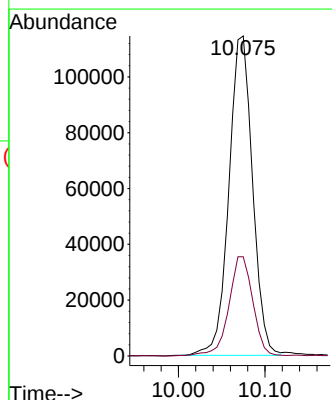
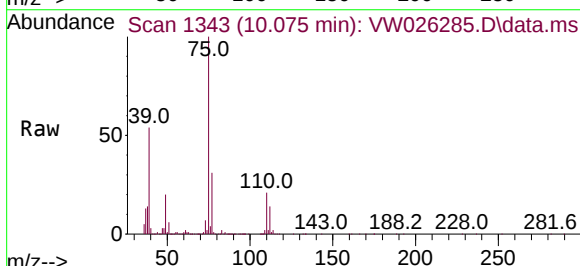
Acq: 21 Jun 2023 13:08

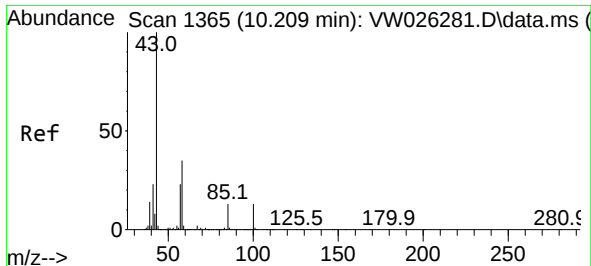
Tgt Ion: 75 Resp: 216948

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 37.564 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

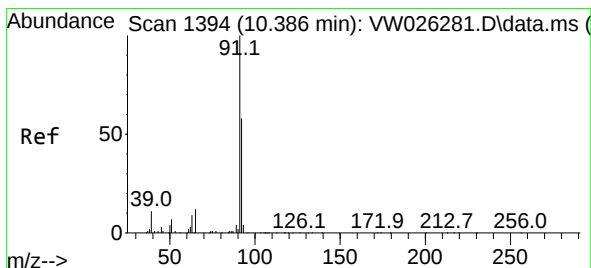
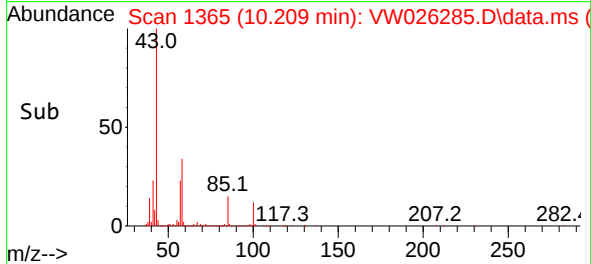
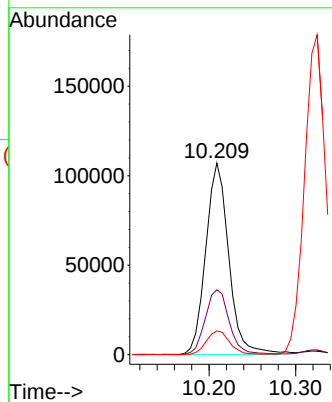
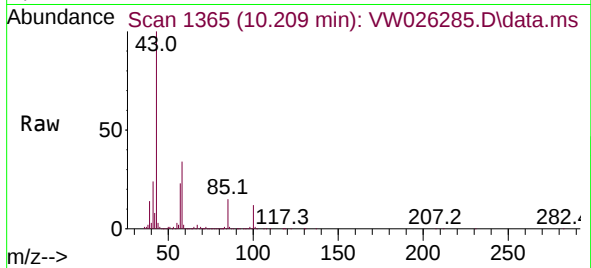
Tgt Ion: 43 Resp: 197061

Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.4

100 12.8 10.5 15.7



#42

Toluene

Concen: 17.099 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026285.D

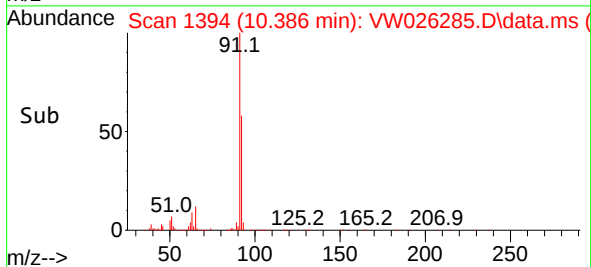
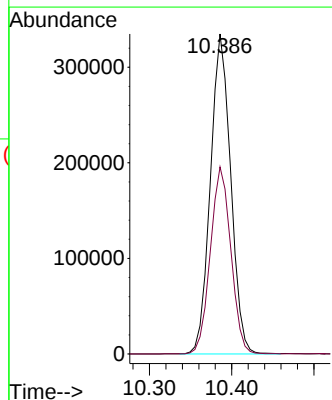
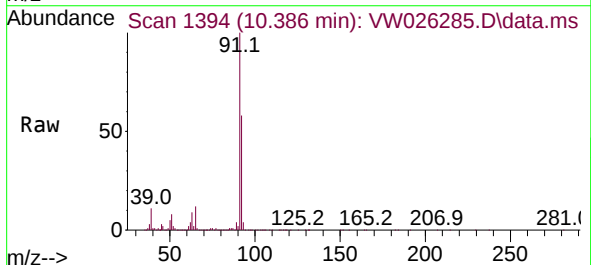
Acq: 21 Jun 2023 13:08

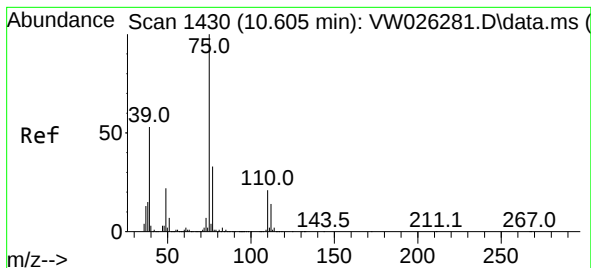
Tgt Ion: 91 Resp: 574549

Ion Ratio Lower Upper

91 100

92 58.4 42.2 78.4

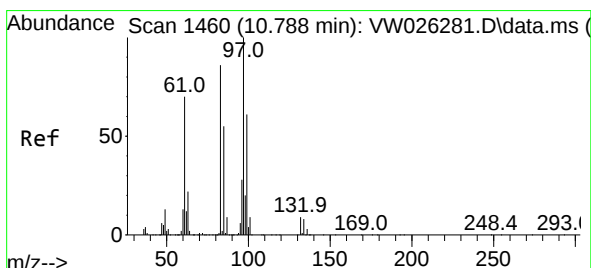
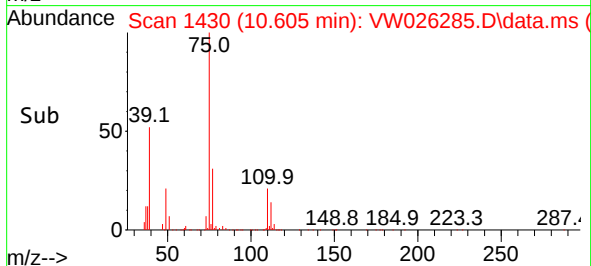
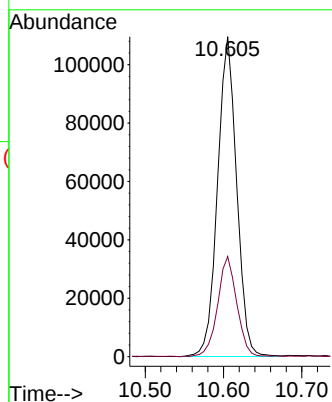
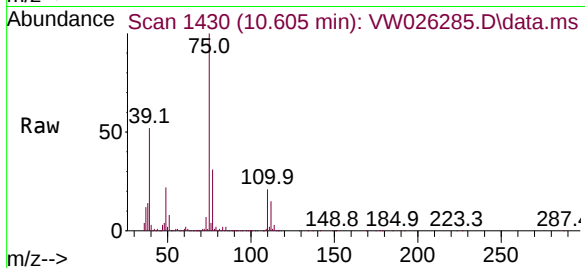




#44
trans-1,3-Dichloropropene
Concen: 17.041 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

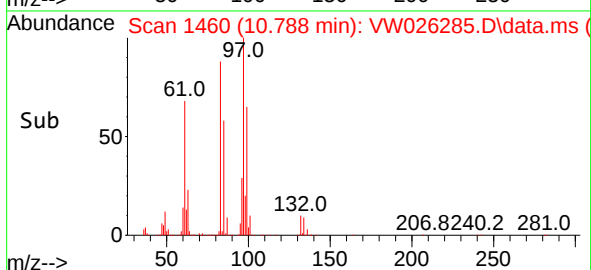
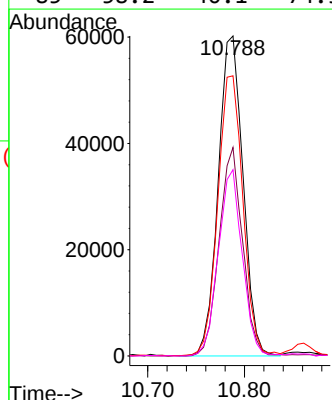
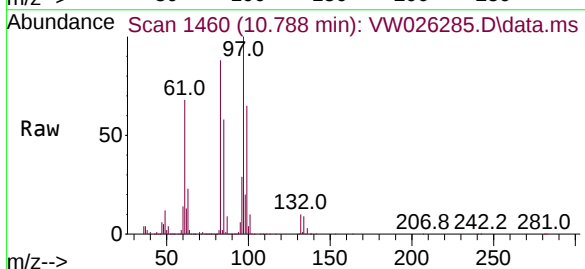
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

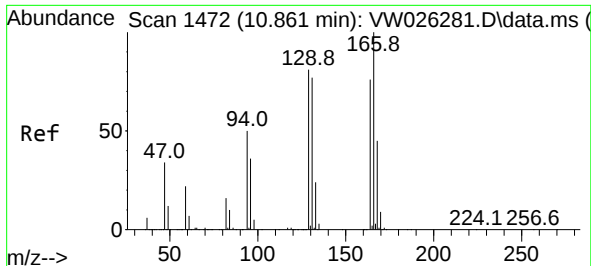
Tgt Ion: 75 Resp: 185637
Ion Ratio Lower Upper
75 100
77 31.3 21.1 39.3



#45
1,1,2-Trichloroethane
Concen: 18.270 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 97 Resp: 107145
Ion Ratio Lower Upper
97 100
99 65.1 43.3 80.5
83 87.6 62.9 116.9
85 58.2 40.1 74.5

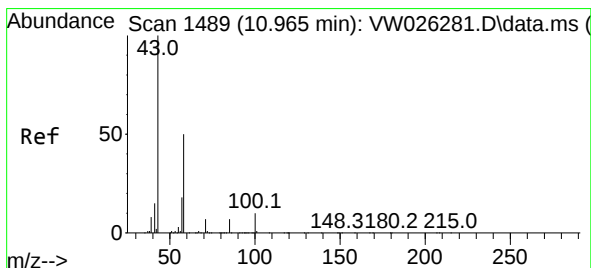
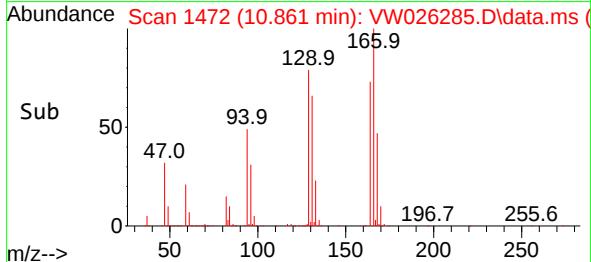
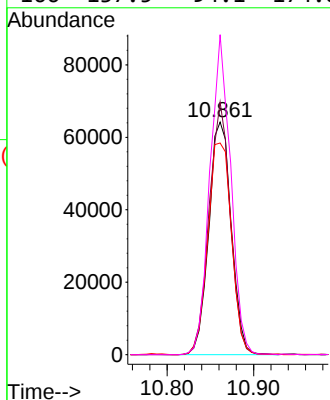
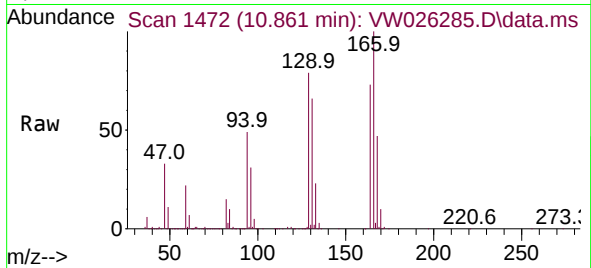




#46
Tetrachloroethene
Concen: 19.482 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

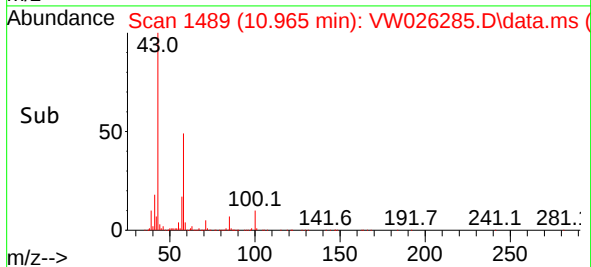
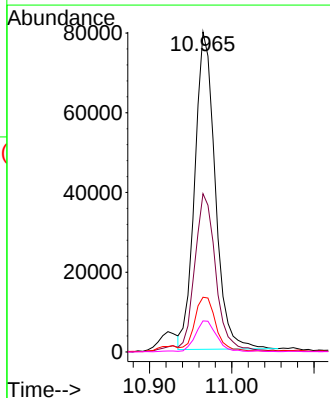
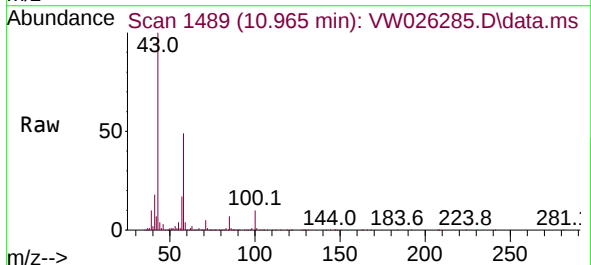
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

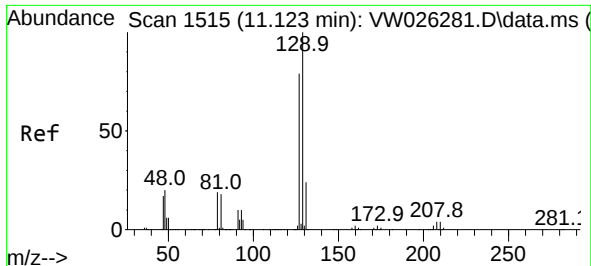
Tgt Ion:	164	Resp:	115922
Ion	Ratio	Lower	Upper
164	100		
129	108.6	68.5	127.1
131	91.0	67.1	124.7
166	137.5	94.1	174.8



#48
2-Hexanone
Concen: 37.265 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion:	43	Resp:	137841
Ion	Ratio	Lower	Upper
43	100		
58	51.2	42.2	63.2
57	18.0	14.2	21.2
100	10.1	8.3	12.5





#49

Dibromochloromethane

Concen: 17.555 ug/L

RT: 11.130 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

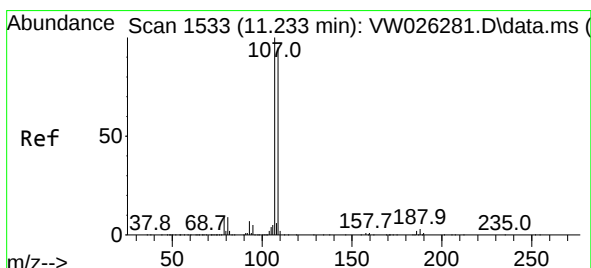
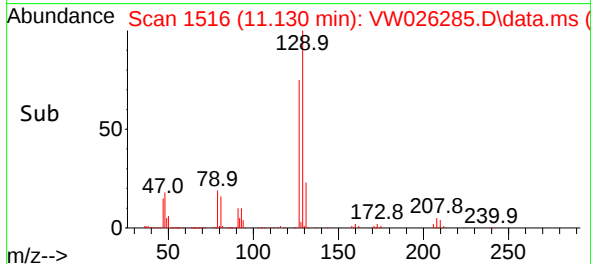
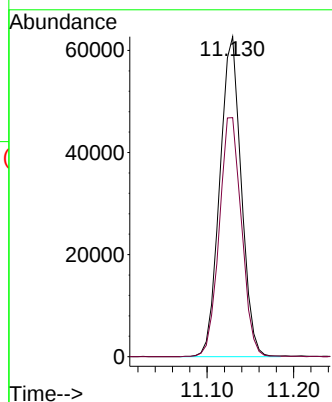
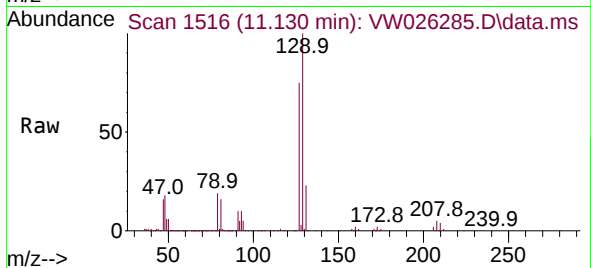
YBW01MS

Tgt Ion:129 Resp: 107937

Ion Ratio Lower Upper

129 100

127 74.7 56.9 105.7



#50

1,2-Dibromoethane

Concen: 17.660 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

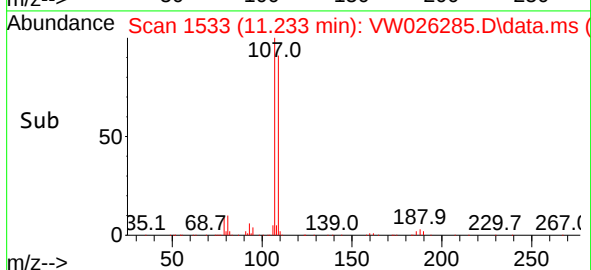
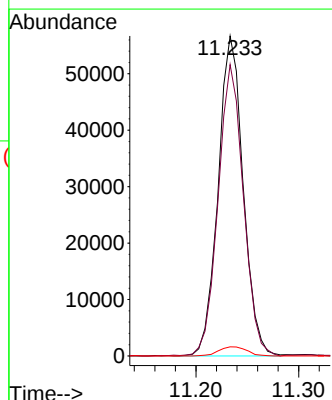
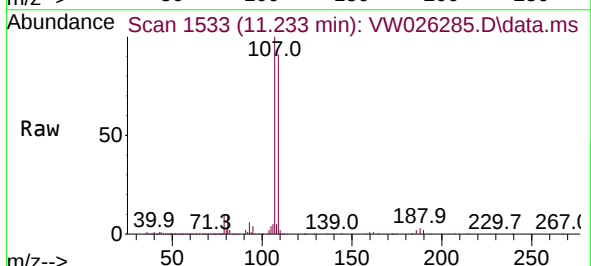
Tgt Ion:107 Resp: 95894

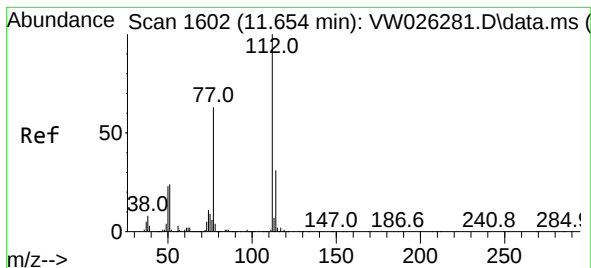
Ion Ratio Lower Upper

107 100

109 91.0 64.0 119.0

188 2.9 2.6 3.8

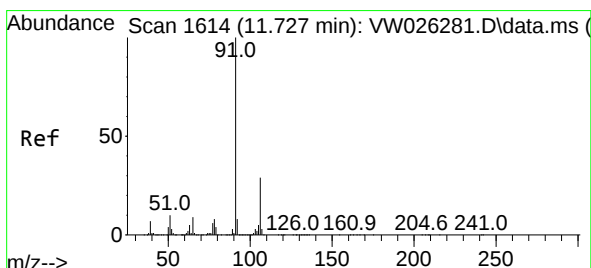
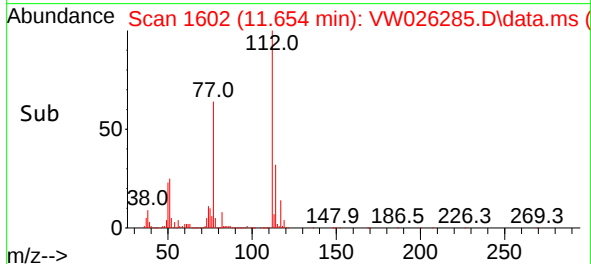
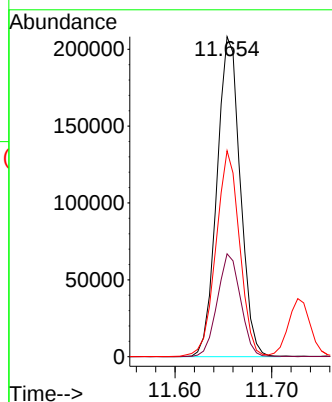
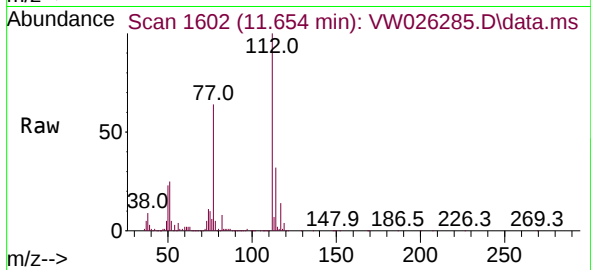




#51
Chlorobenzene
Concen: 16.546 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

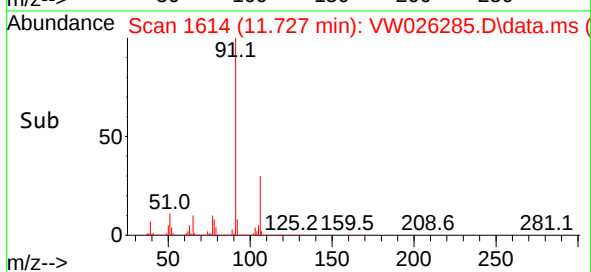
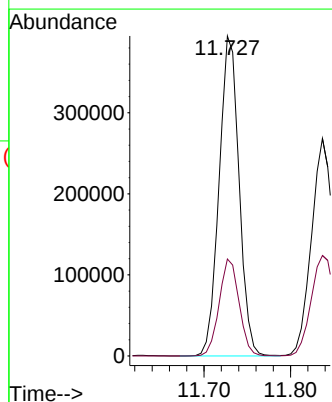
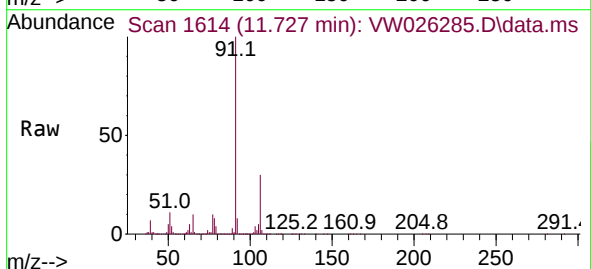
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

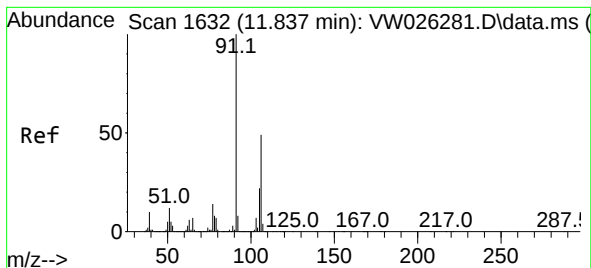
Tgt Ion:112 Resp: 348393
Ion Ratio Lower Upper
112 100
114 32.2 23.0 42.6
77 64.3 50.9 76.3



#52
Ethylbenzene
Concen: 16.670 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion: 91 Resp: 631878
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4

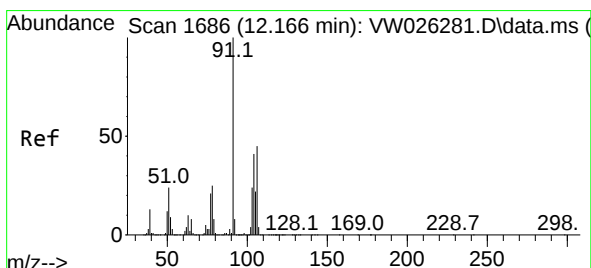
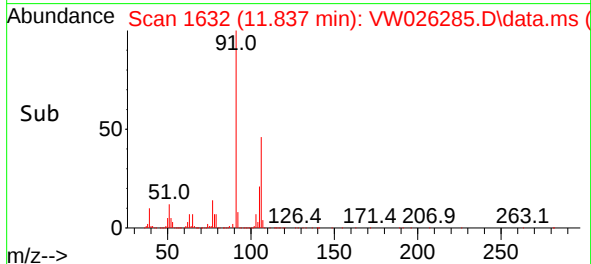
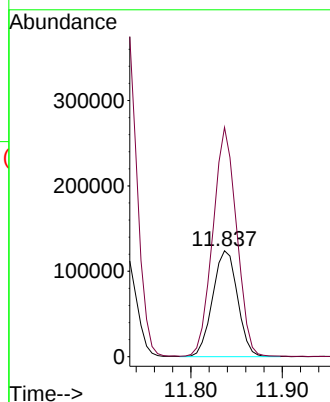
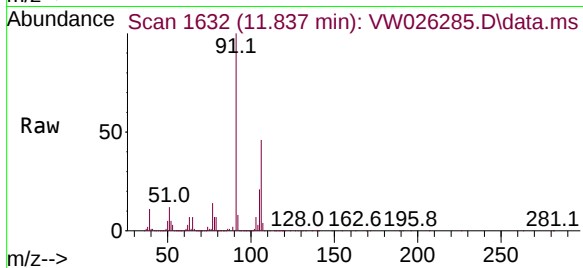




#53
m,p-Xylene
Concen: 16.660 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

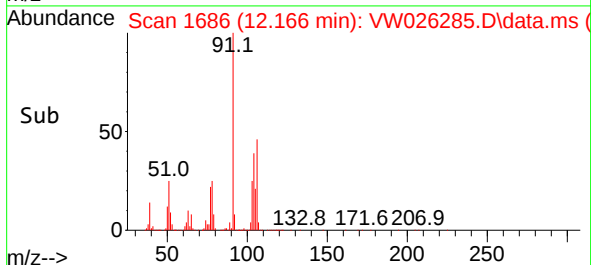
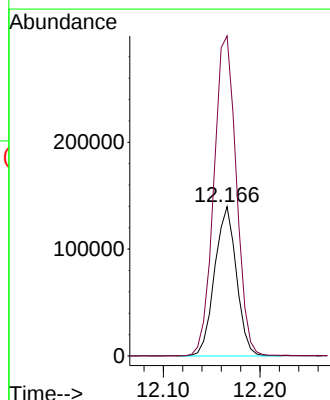
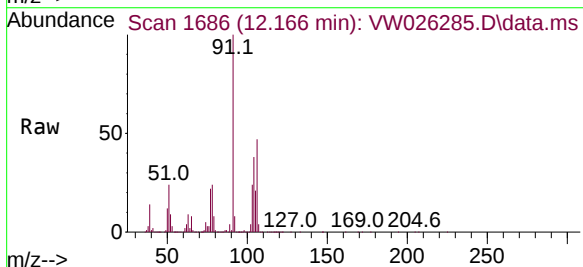
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

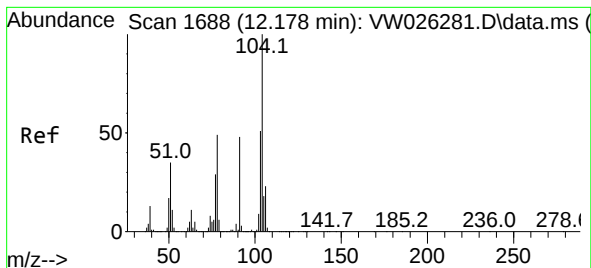
Tgt Ion:106 Resp: 234920
Ion Ratio Lower Upper
106 100
91 216.4 149.5 277.7



#54
o-Xylene
Concen: 16.408 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion:106 Resp: 218374
Ion Ratio Lower Upper
106 100
91 214.4 150.9 280.3





#55

Styrene

Concen: 16.992 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

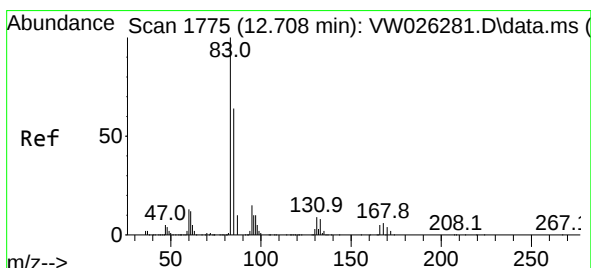
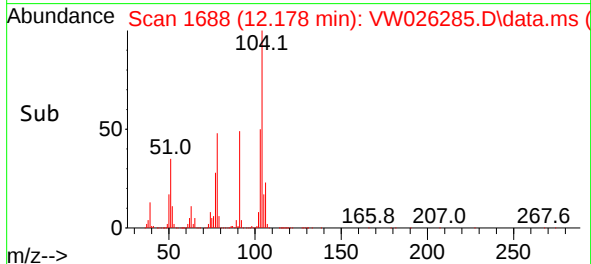
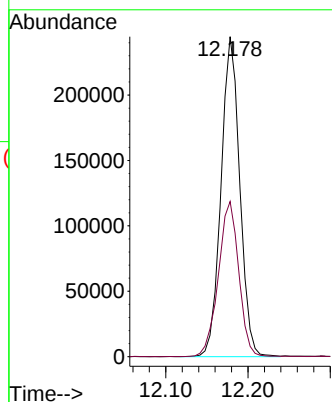
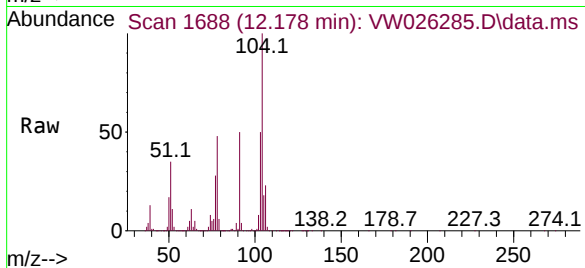
YBW01MS

Tgt Ion:104 Resp: 387976

Ion Ratio Lower Upper

104 100

78 48.5 32.6 60.6



#57

1,1,2,2-Tetrachloroethane

Concen: 19.040 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

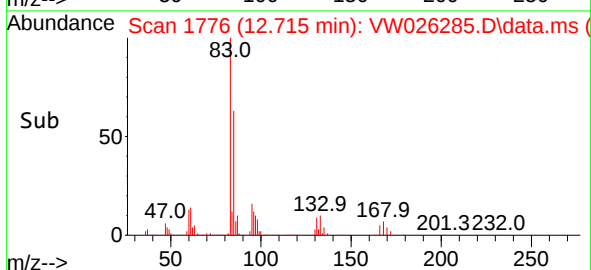
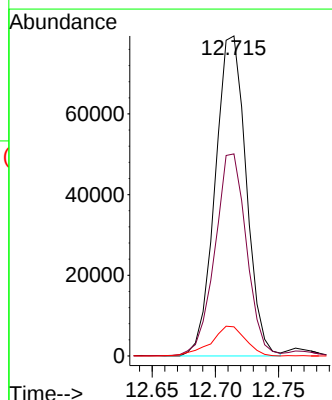
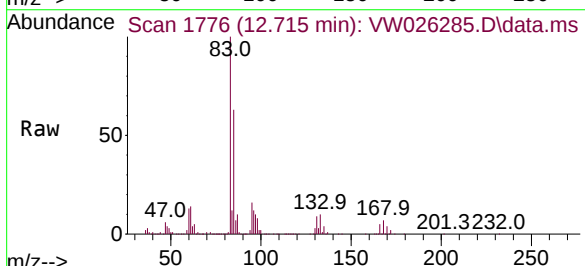
Tgt Ion: 83 Resp: 135134

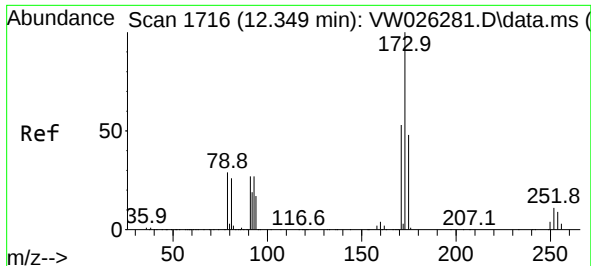
Ion Ratio Lower Upper

83 100

85 63.1 42.6 79.0

131 9.1 7.2 10.8

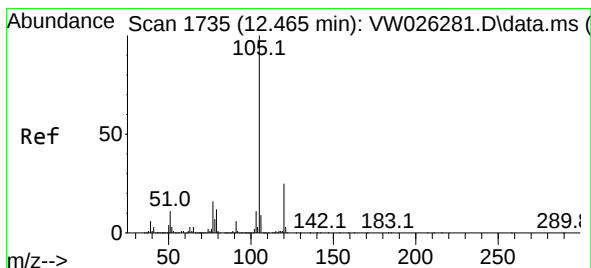
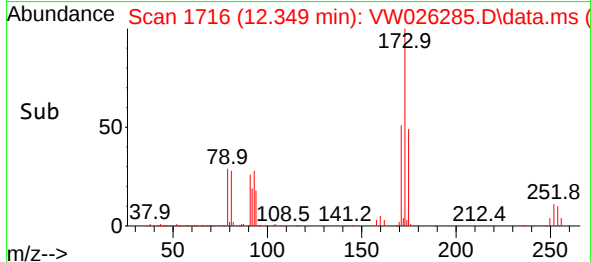
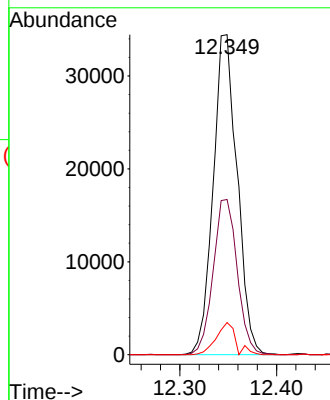
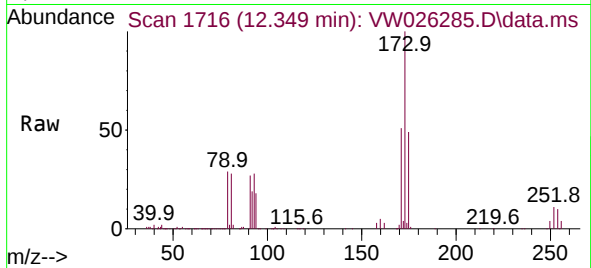




#59
Bromoform
Concen: 16.991 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

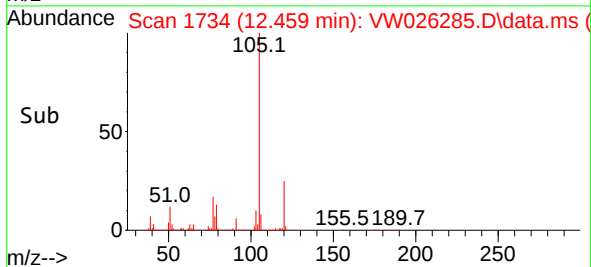
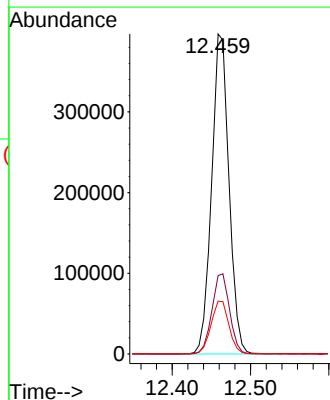
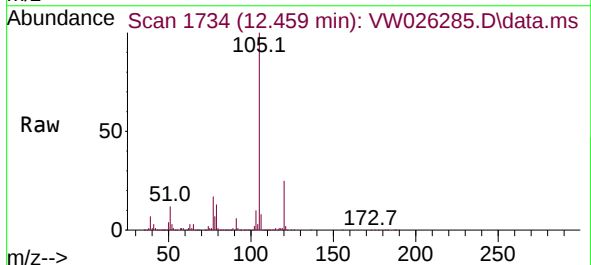
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

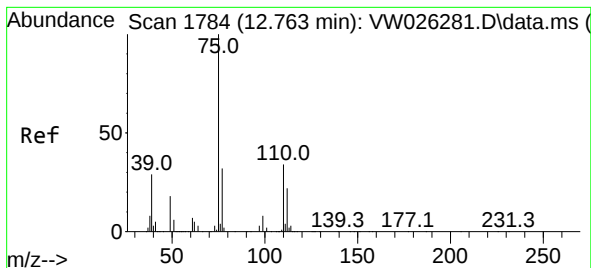
Tgt Ion:173 Resp: 59404
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 7.3 7.4 11.0#



#60
Isopropylbenzene
Concen: 16.686 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion:105 Resp: 610182
Ion Ratio Lower Upper
105 100
120 25.4 19.8 29.8
77 16.9 13.3 19.9





#61

1,2,3-Trichloropropane

Concen: 18.699 ug/L

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

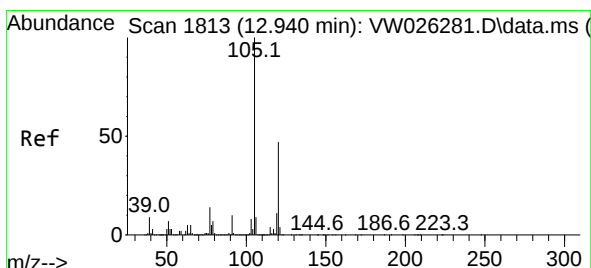
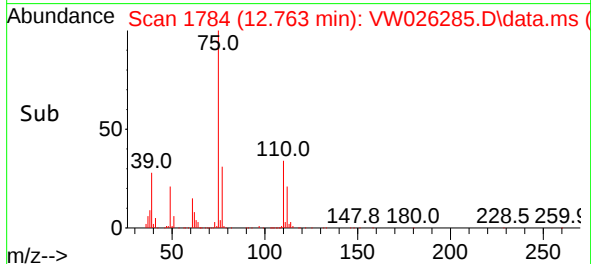
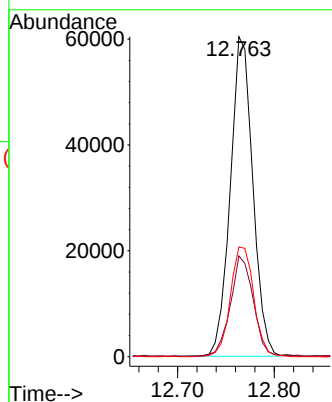
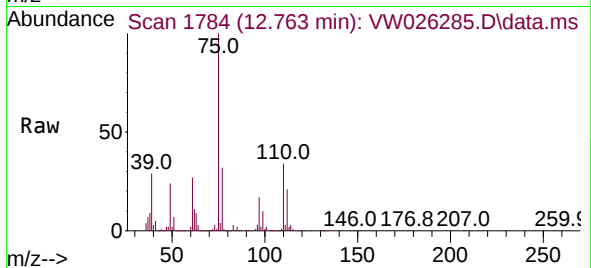
Tgt Ion: 75 Resp: 97501

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

110 35.7 28.7 43.1



#62

1,3,5-Trimethylbenzene

Concen: 16.230 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026285.D

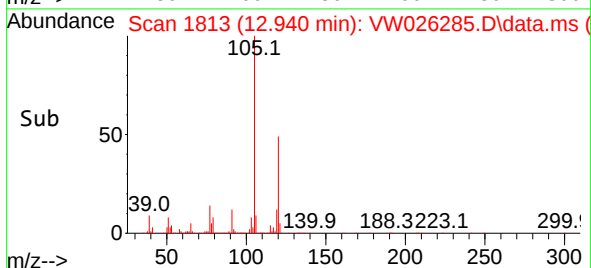
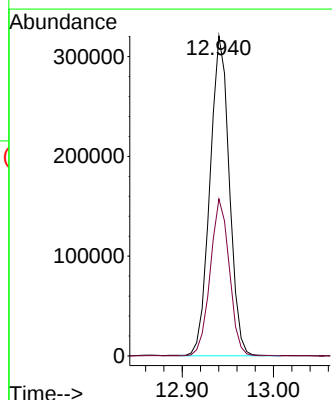
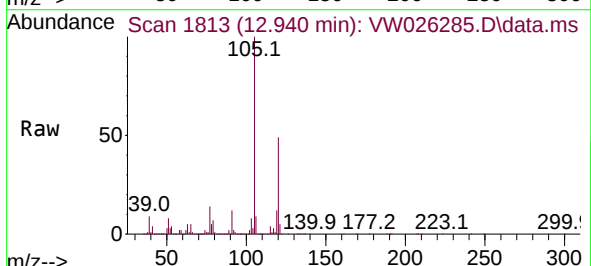
Acq: 21 Jun 2023 13:08

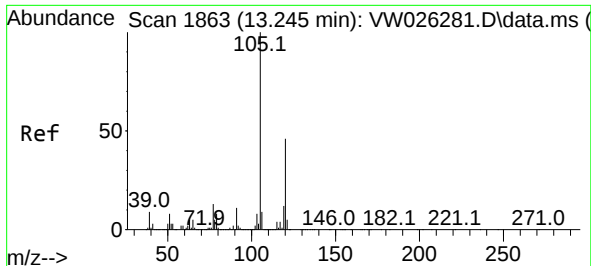
Tgt Ion:105 Resp: 471801

Ion Ratio Lower Upper

105 100

120 48.1 38.8 58.2

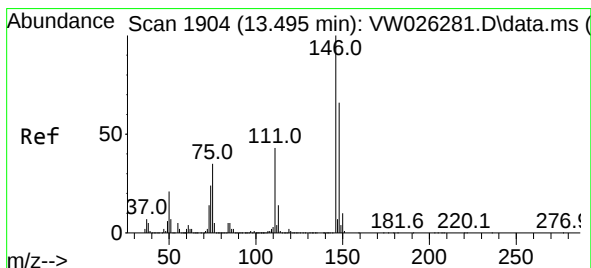
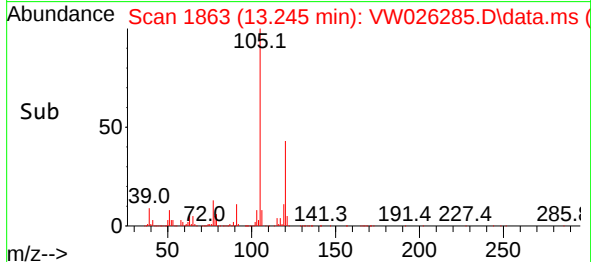
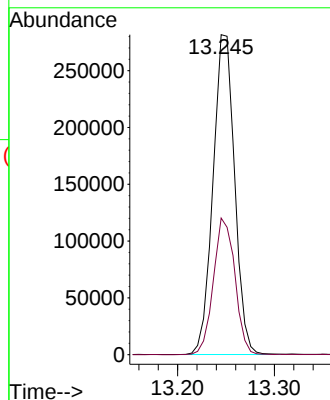
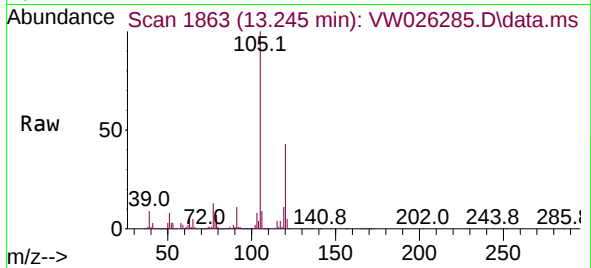




#63
1,2,4-Trimethylbenzene
Concen: 16.430 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

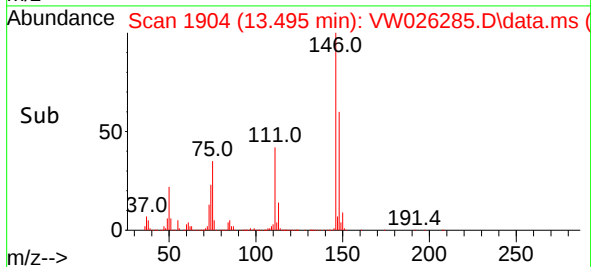
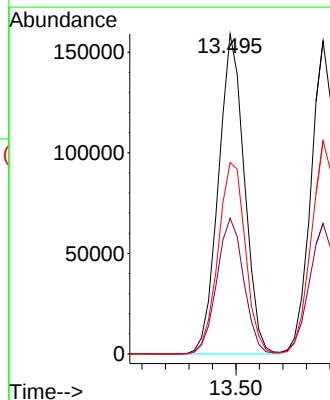
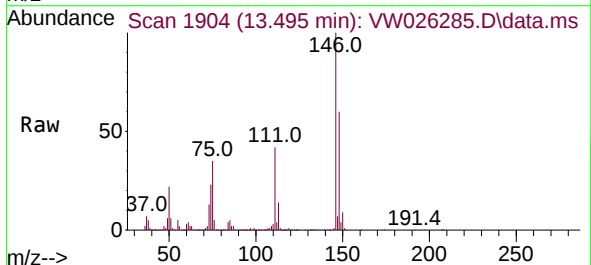
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

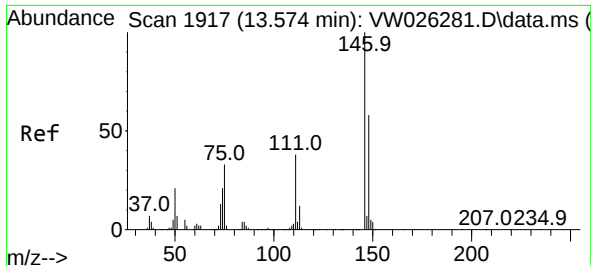
Tgt Ion:105 Resp: 437460
Ion Ratio Lower Upper
105 100
120 42.5 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 15.888 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion:146 Resp: 244283
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 59.8 45.4 84.4

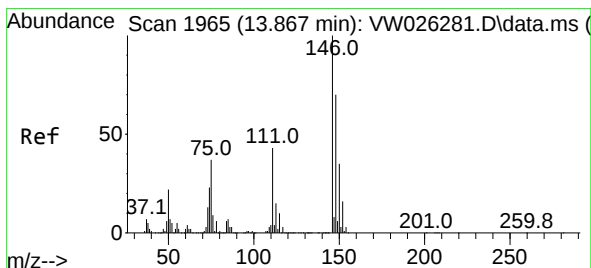
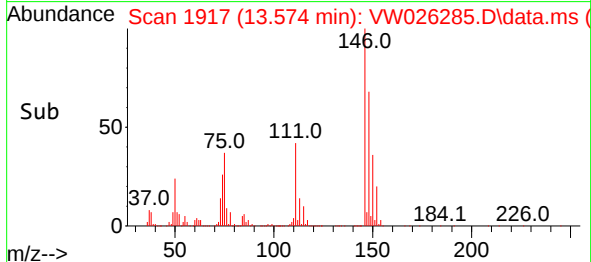
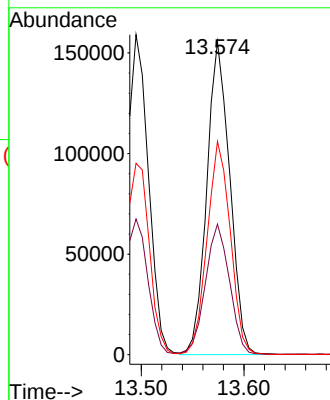
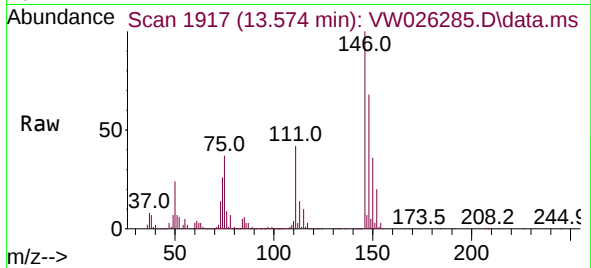




#65
1,4-Dichlorobenzene
Concen: 15.637 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

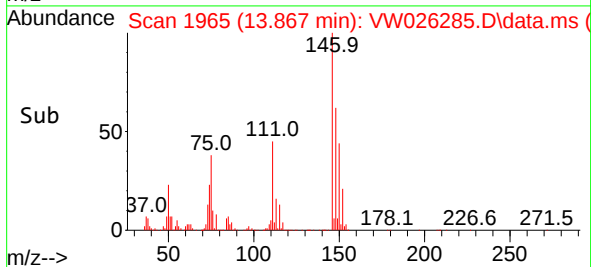
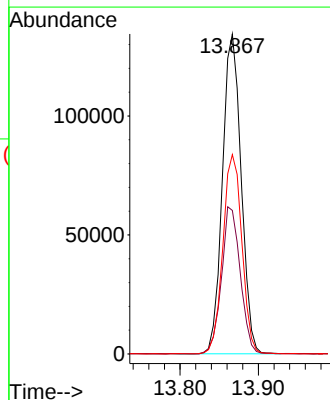
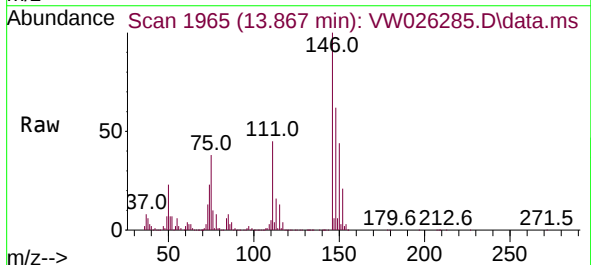
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

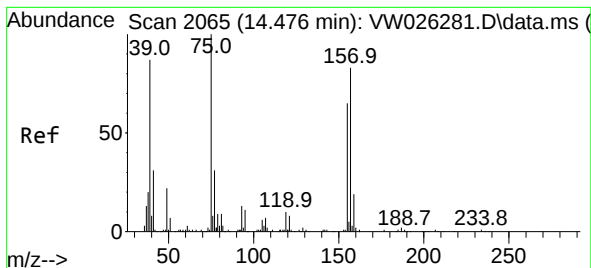
Tgt Ion:146 Resp: 242058
Ion Ratio Lower Upper
146 100
111 41.7 29.2 54.2
148 68.1 42.8 79.6



#67
1,2-Dichlorobenzene
Concen: 16.171 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion:146 Resp: 223276
Ion Ratio Lower Upper
146 100
111 44.8 35.4 53.0
148 62.3 51.7 77.5

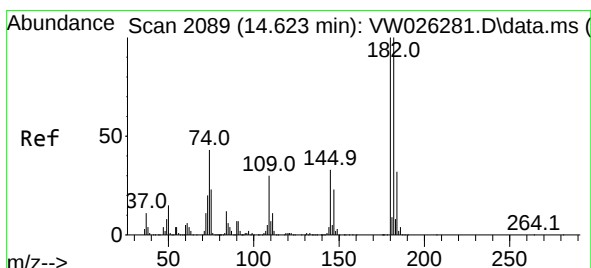
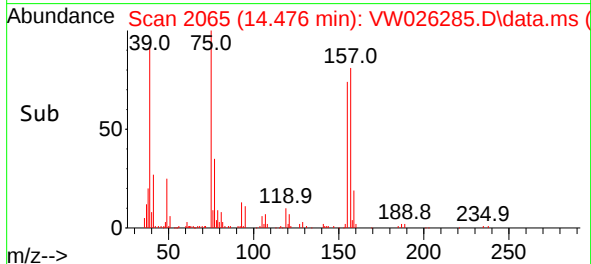
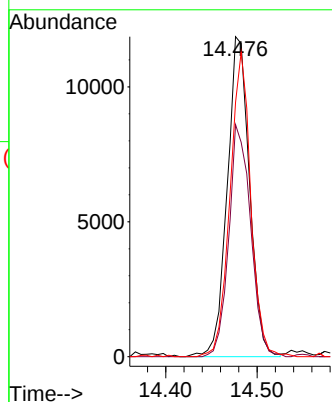
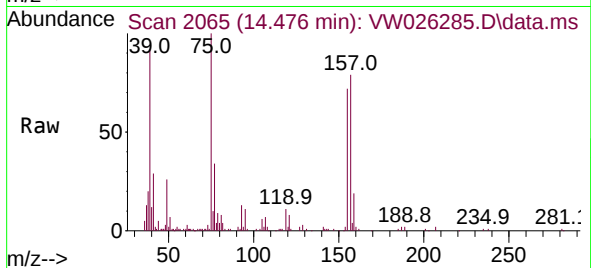




#68
1,2-Dibromo-3-chloropropane
Concen: 16.695 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

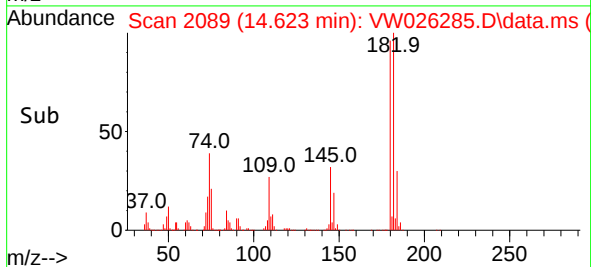
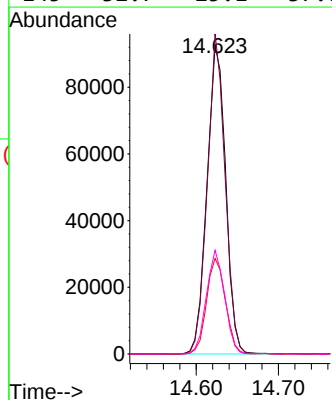
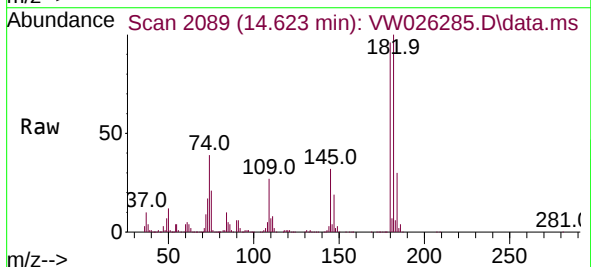
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

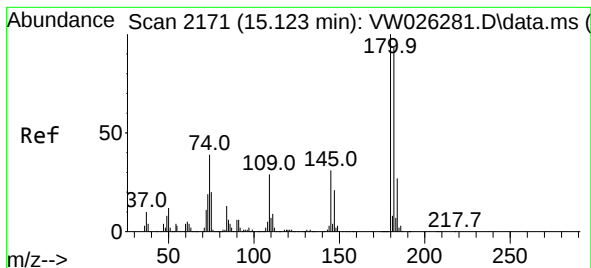
Tgt Ion: 75 Resp: 20169
Ion Ratio Lower Upper
75 100
155 72.5 59.0 88.6
157 79.5 71.7 107.5



#69
1,3,5-Trichlorobenzene
Concen: 13.887 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026285.D
Acq: 21 Jun 2023 13:08

Tgt Ion:180 Resp: 146677
Ion Ratio Lower Upper
180 100
182 98.1 77.0 115.4
184 31.0 23.7 35.5
145 32.7 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 13.045 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

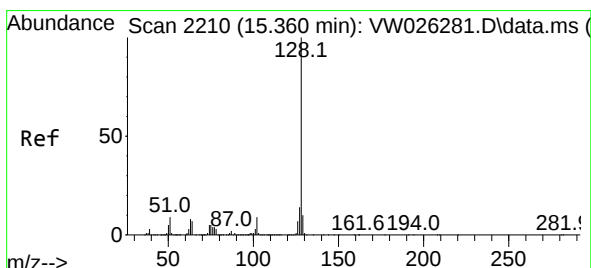
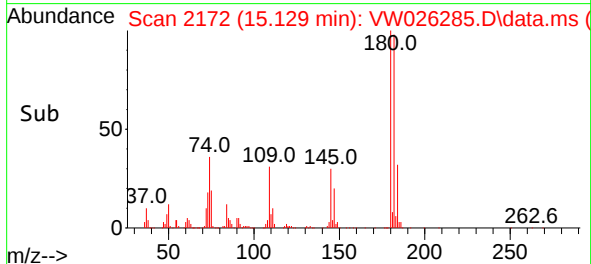
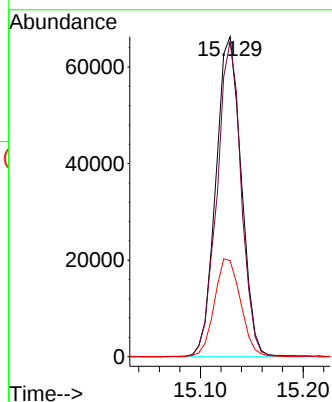
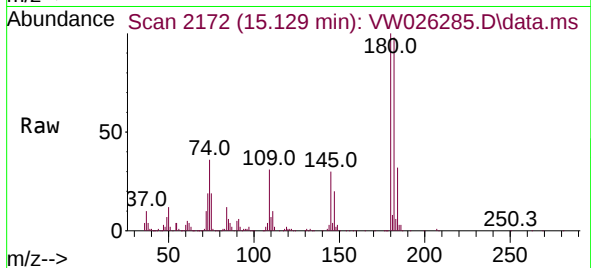
Tgt Ion:180 Resp: 113686

Ion Ratio Lower Upper

180 100

182 93.9 78.9 118.3

145 31.6 27.2 40.8



#71

Naphthalene

Concen: 12.875 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026285.D

Acq: 21 Jun 2023 13:08

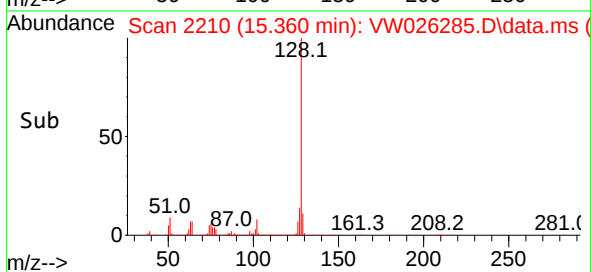
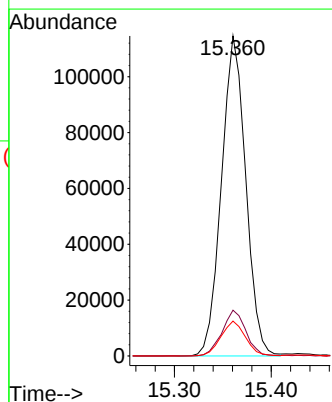
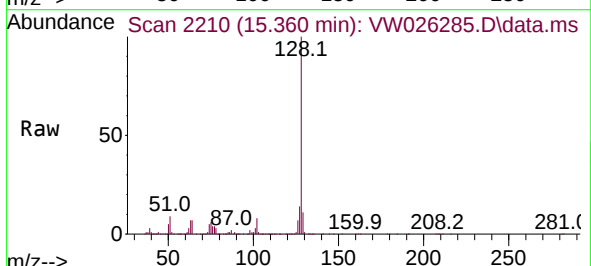
Tgt Ion:128 Resp: 199992

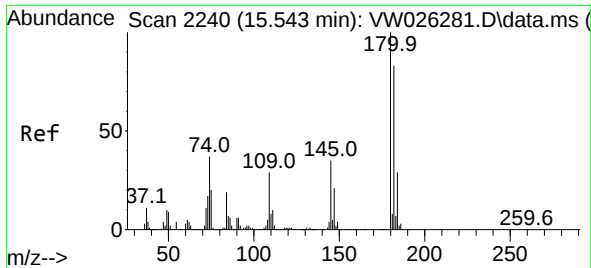
Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 11.0 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 13.452 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026285.D
 Acq: 21 Jun 2023 13:08

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MS

Tgt Ion:180 Resp: 102459
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.3 114.5
 145 33.2 27.0 40.6

