

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026482.D
 Acq On : 30 Jun 2023 19:06
 Operator : SY/MD
 Sample : 03478-03MSD
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MSD

Quant Time: Jun 30 23:44:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	910483	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	752871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	309724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	252247	24.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.320%
7) Chloroethane-d5	2.893	69	198238	23.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.920%
11) 1,1-Dichloroethene-d2	4.021	65	120186	23.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.680%
21) 2-Butanone-d5	7.075	46	162055	41.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.720%
24) Chloroform-d	7.673	84	61007	2.749	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	11.000%#
26) 1,2-Dichloroethane-d4	8.307	65	291323	24.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.080%
32) Benzene-d6	8.270	84	1069055	24.416	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	9.276	67	352819	25.282	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.120%
41) Toluene-d8	10.319	98	906565	23.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	10.575	79	126160	22.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.922	63	88513	37.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.860%
56) 1,1,2,2-Tetrachloroeth...	12.769	84	207	0.019	ug/L	0.08
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	245904	22.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	215289	24.232	ug/L	99
3) Chloromethane	2.229	50	308535	24.636	ug/L	98
5) Vinyl chloride	2.375	62	291402	22.576	ug/L	99
6) Bromomethane	2.783	94	158353	21.573	ug/L	97
8) Chloroethane	2.930	64	171533	21.912	ug/L	98
9) Trichlorofluoromethane	3.259	101	204819	21.823	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	235197	22.577	ug/L #	73
12) 1,1-Dichloroethene	4.045	96	256624	25.169	ug/L	90
13) Acetone	4.118	43	185305	66.955	ug/L	99
14) Carbon disulfide	4.393	76	646882	19.604	ug/L	99
16) Methylene chloride	4.917	84	276757	17.989	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	241217	21.993	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	463622	25.866	ug/L	99
19) 1,1-Dichloroethane	6.216	63	526152	23.841	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	277402	22.329	ug/L	98
22) 2-Butanone	7.167	43	257937	56.845	ug/L	96
23) Bromochloromethane	7.514	128	117194	22.682	ug/L	94
25) Chloroform	7.679	83	944072	44.073	ug/L	100
27) 1,2-Dichloroethane	8.398	62	331844	22.657	ug/L	99

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 Response via : Initial Calibration

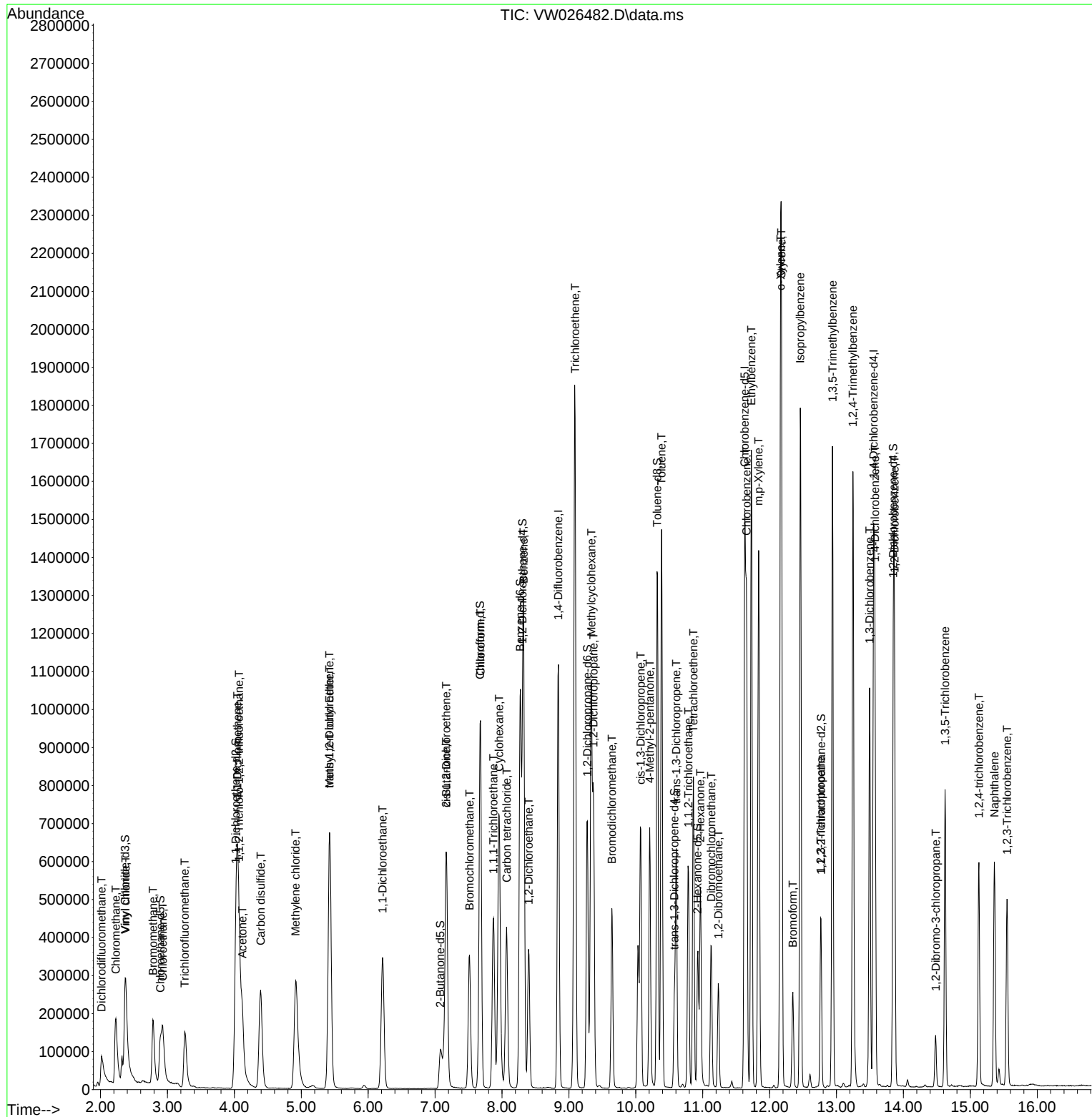
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	457674	21.444	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	378057	23.573	ug/L	98
31) Carbon tetrachloride	8.069	117	323600	22.411	ug/L	100
33) Benzene	8.325	78	1085075	23.015	ug/L	100
34) Trichloroethene	9.093	95	572025	47.629	ug/L	96
35) Methylcyclohexane	9.337	83	422369	19.741	ug/L	99
37) 1,2-Dichloropropane	9.368	63	298980	23.888	ug/L	100
38) Bromodichloromethane	9.642	83	322288	22.942	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	418417	22.336	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	476127	55.405	ug/L	98
42) Toluene	10.386	91	1067834	22.138	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	338301	22.097	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	177953	20.872	ug/L	99
46) Tetrachloroethene	10.861	164	177008	20.846	ug/L	90
48) 2-Hexanone	10.965	43	367288	63.676	ug/L	98
49) Dibromochloromethane	11.129	129	199043	23.439	ug/L	97
50) 1,2-Dibromoethane	11.233	107	186139	23.743	ug/L	98
51) Chlorobenzene	11.654	112	629860	21.105	ug/L	99
52) Ethylbenzene	11.727	91	1168629	21.530	ug/L	99
53) m,p-Xylene	11.837	106	429008	21.315	ug/L	99
54) o-Xylene	12.166	106	414650	22.213	ug/L	93
55) Styrene	12.178	104	688410	21.605	ug/L	99
59) Bromoform	12.349	173	113031	27.561	ug/L	96
60) Isopropylbenzene	12.458	105	1125872	24.922	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	197557	29.183	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	876499	24.399	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	866552	24.692	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	400909	21.152	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	401727	21.311	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	373606	21.782	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	36674	23.641	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	226017	17.517	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	178888	16.019	ug/L	99
71) Naphthalene	15.360	128	491726	21.602	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	155135	16.154	ug/L	98

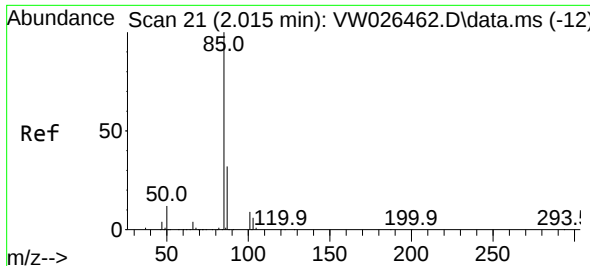
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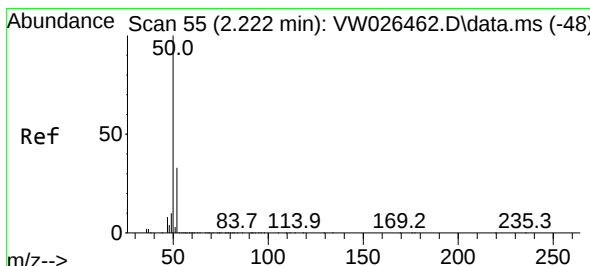
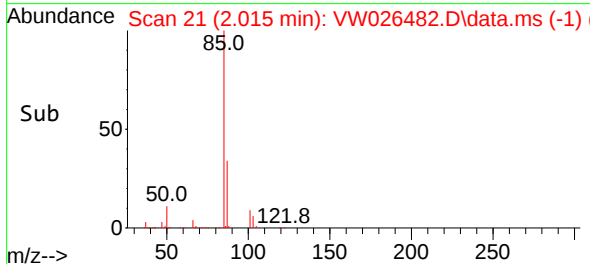
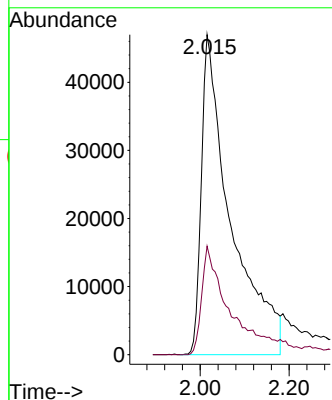
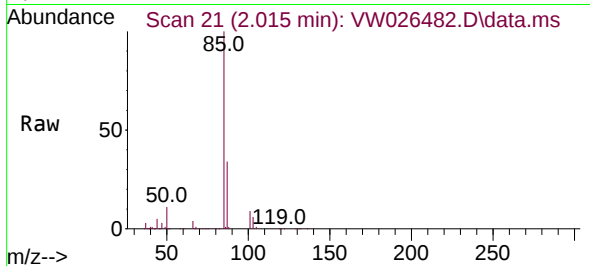




#2
 Dichlorodifluoromethane
 Concen: 24.232 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

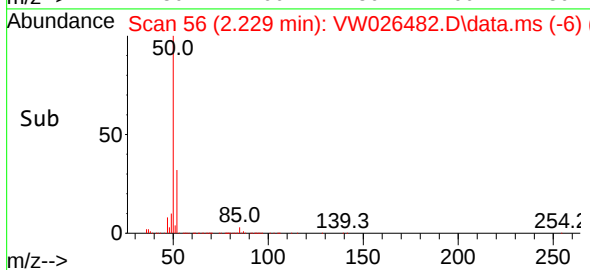
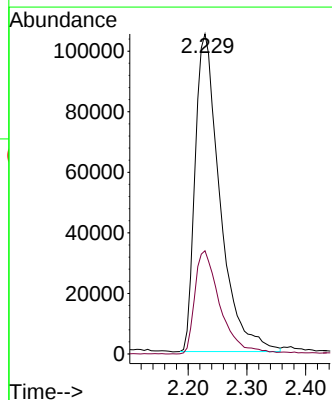
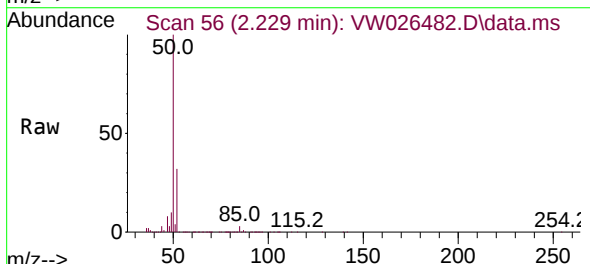
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 MSVOA_W
 ClientSampleId :
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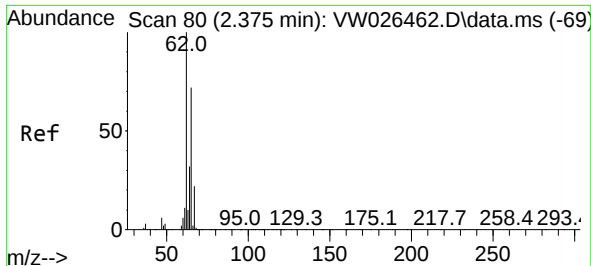
Tgt Ion: 85 Resp: 215289
 Ion Ratio Lower Upper
 85 100
 87 23.2 19.0 28.4



#3
 Chloromethane
 Concen: 24.636 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

Tgt Ion: 50 Resp: 308535
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.7 40.3

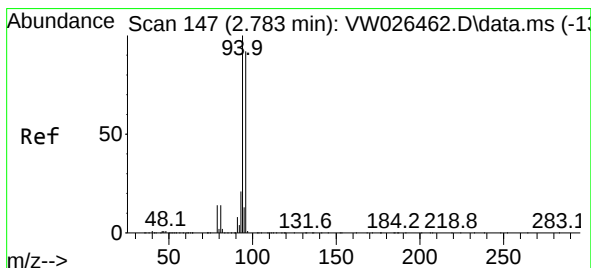
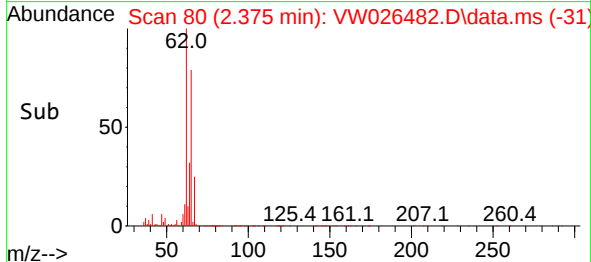
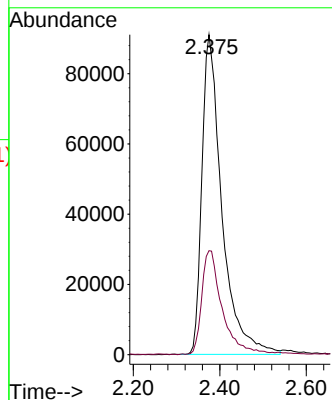
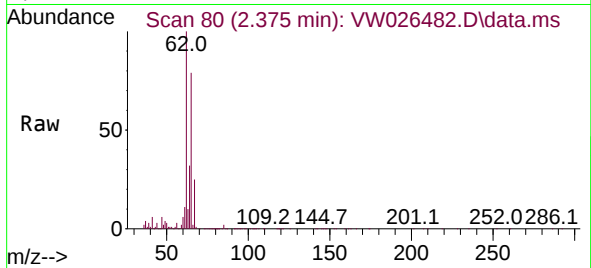




#5
 Vinyl chloride
 Concen: 22.576 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

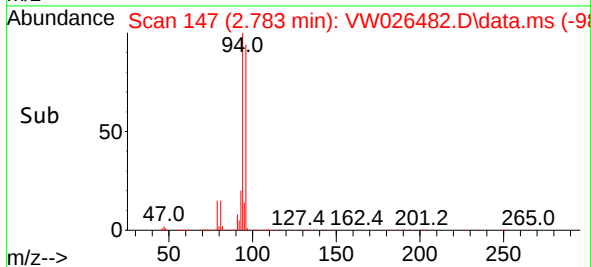
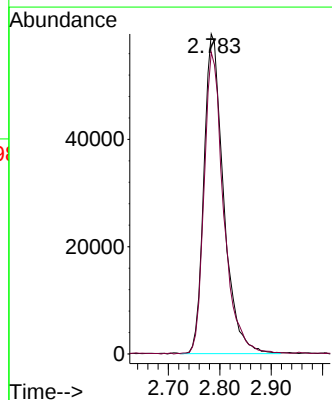
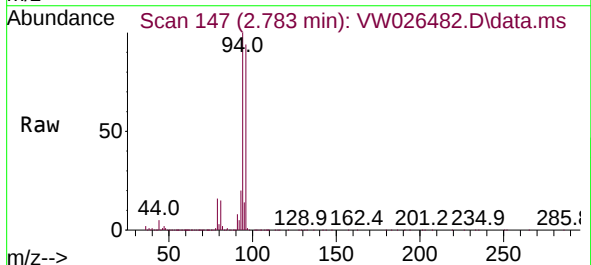
Instrument :
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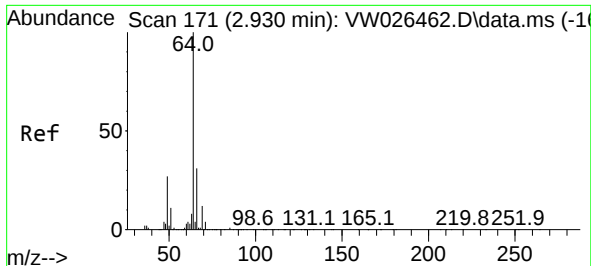
Tgt Ion: 62 Resp: 291402
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.8



#6
 Bromomethane
 Concen: 21.573 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

Tgt Ion: 94 Resp: 158353
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.3 119.3

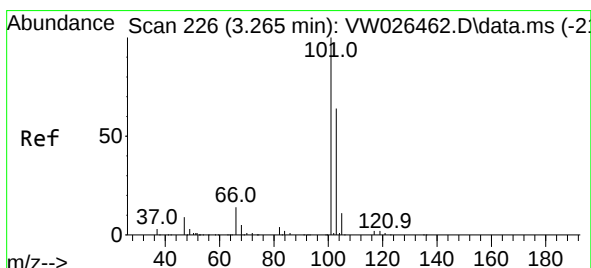
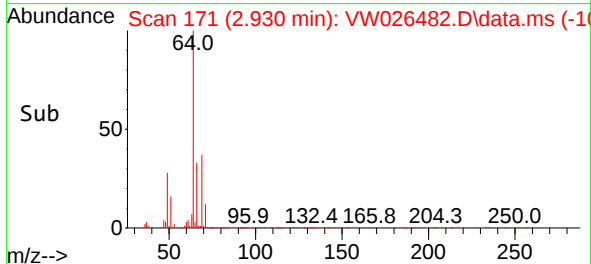
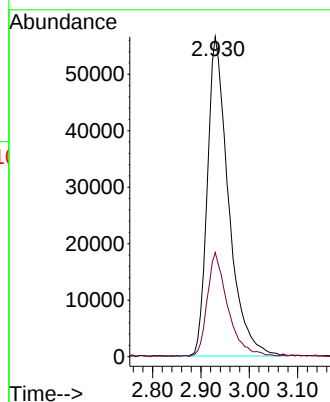
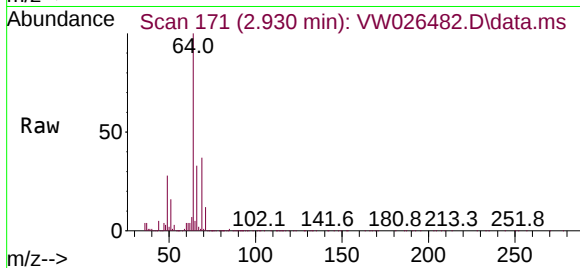




#8
Chloroethane
Concen: 21.912 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

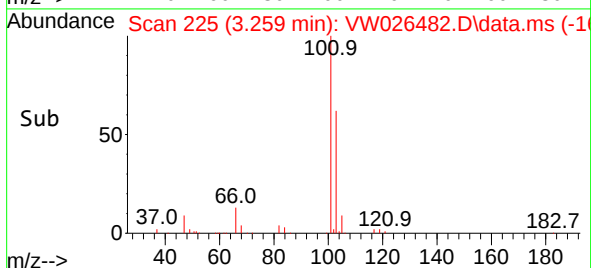
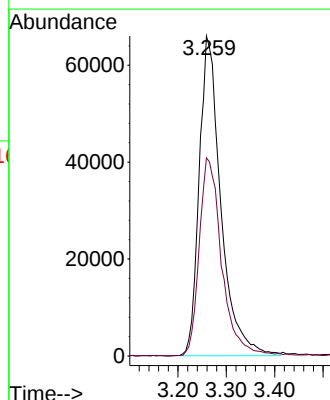
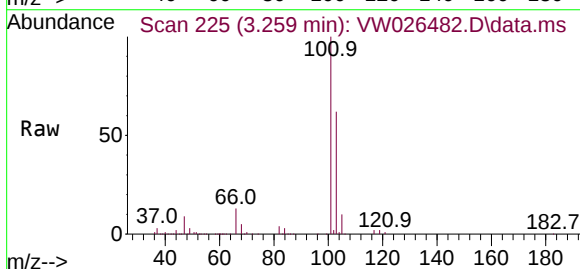
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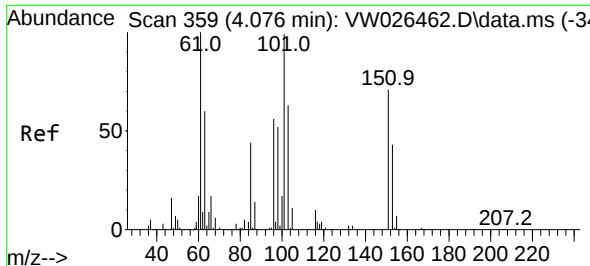
Tgt Ion: 64 Resp: 171533
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 21.823 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion:101 Resp: 204819
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0

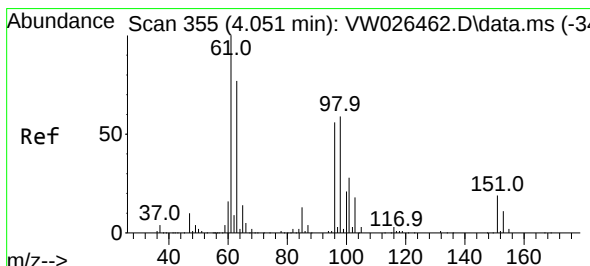
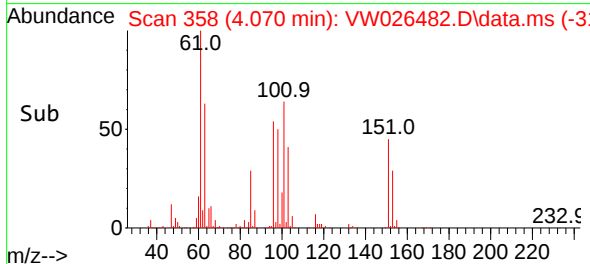
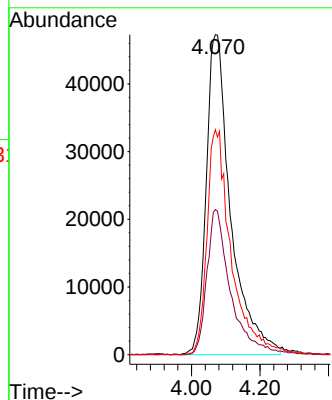
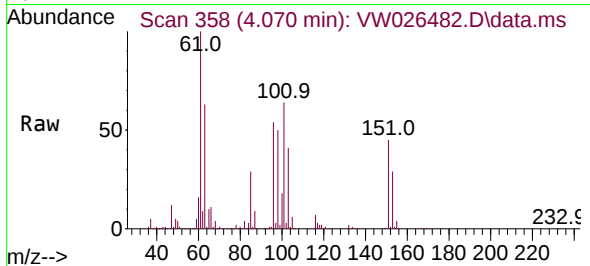




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.577 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

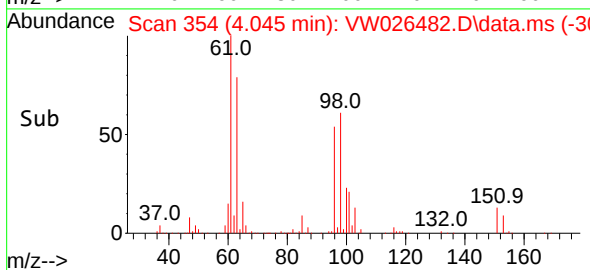
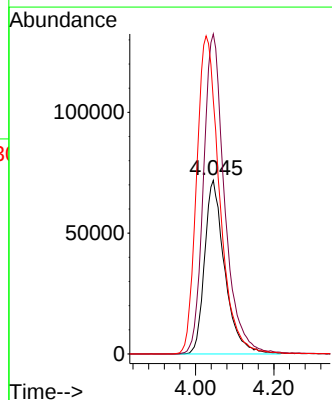
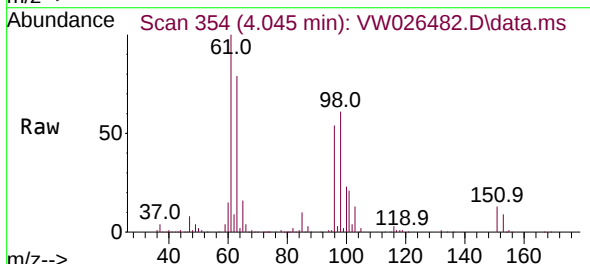
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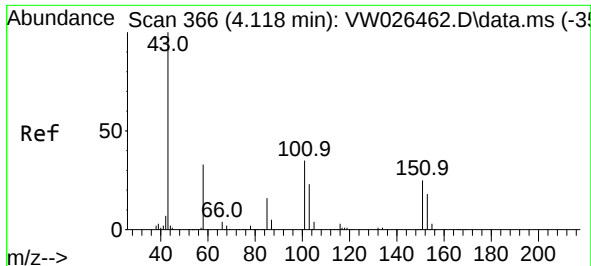
Tgt Ion:101 Resp: 235197
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.1 51.1
 151 31.4 53.7 80.5#



#12
 1,1-Dichloroethene
 Concen: 25.169 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

Tgt Ion: 96 Resp: 256624
 Ion Ratio Lower Upper
 96 100
 61 184.3 134.0 248.8
 63 146.1 117.1 217.5





#13

Acetone

Concen: 66.955 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

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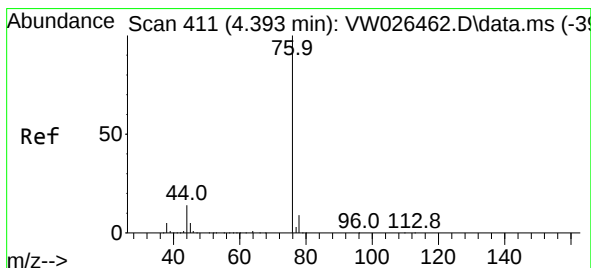
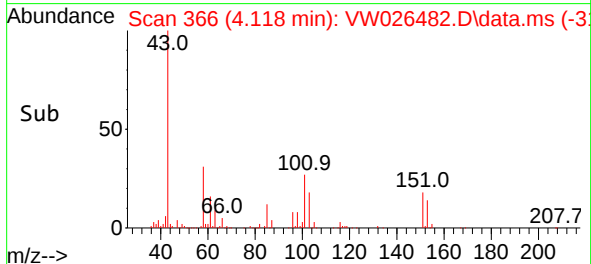
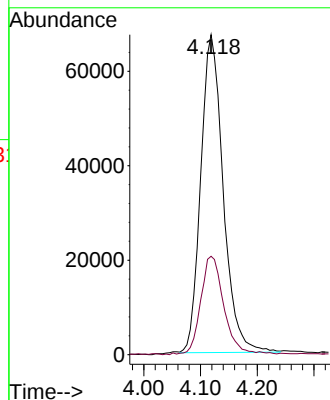
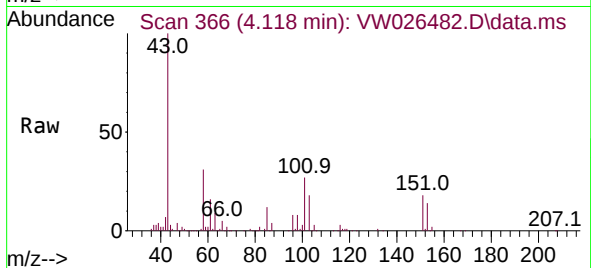
YBW57MSD

Tgt Ion: 43 Resp: 185305

Ion Ratio Lower Upper

43 100

58 30.9 0.0 63.2



#14

Carbon disulfide

Concen: 19.604 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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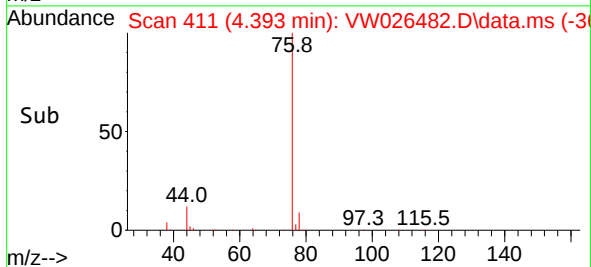
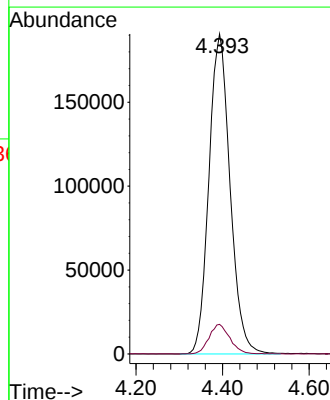
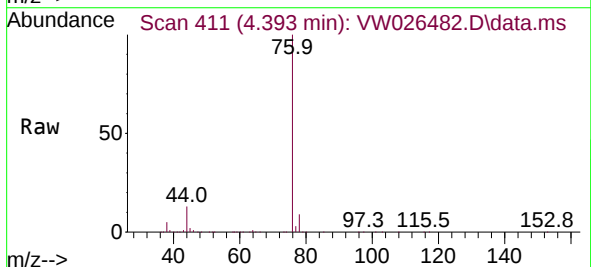
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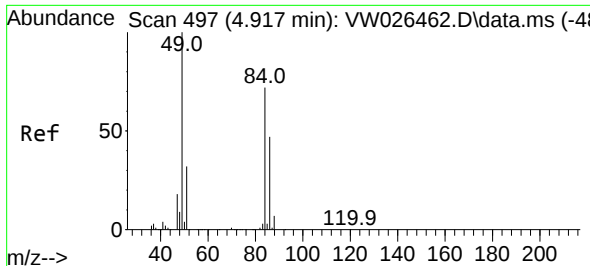
Tgt Ion: 76 Resp: 646882

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

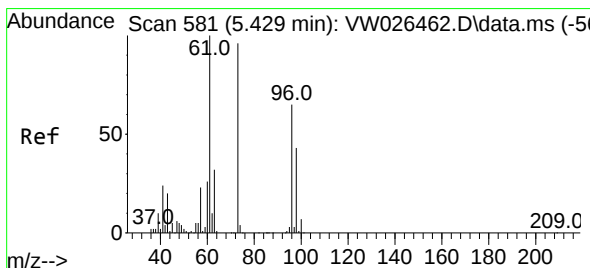
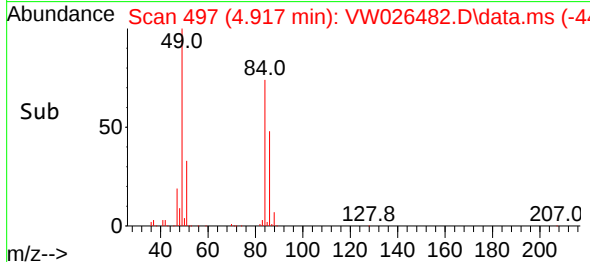
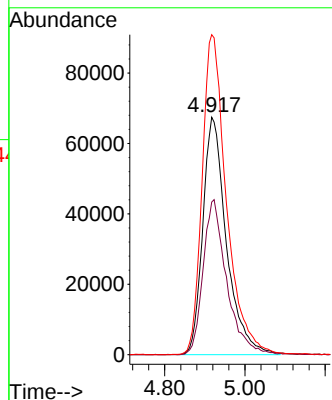
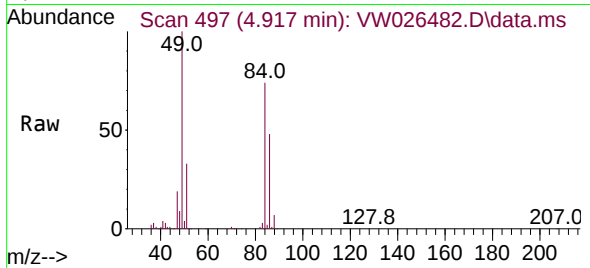




#16
Methylene chloride
Concen: 17.989 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

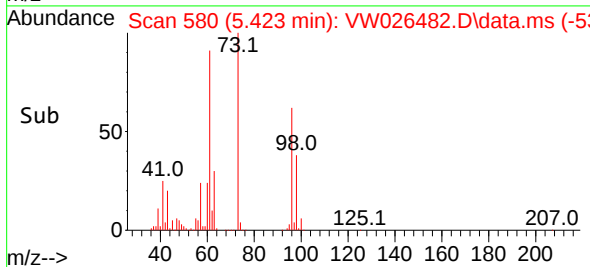
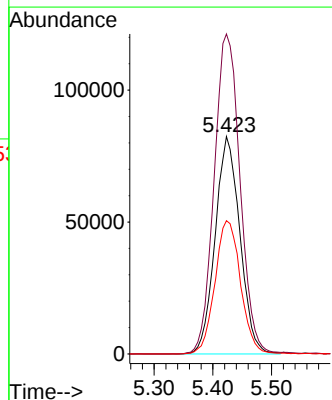
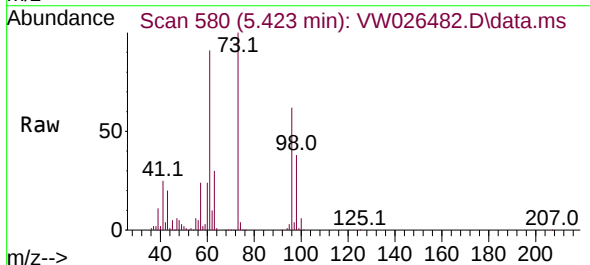
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

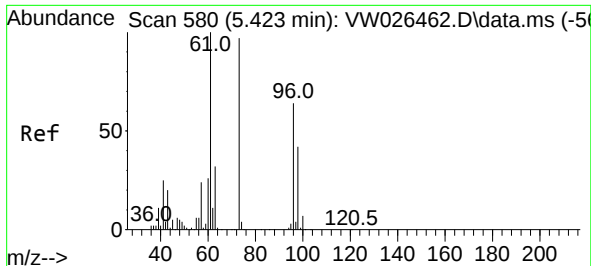
Tgt Ion: 84 Resp: 276757
Ion Ratio Lower Upper
84 100
86 64.3 44.1 81.9
49 134.8 94.1 174.8



#17
trans-1,2-Dichloroethene
Concen: 21.993 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 96 Resp: 241217
Ion Ratio Lower Upper
96 100
61 147.2 105.2 195.4
98 61.3 43.2 80.2

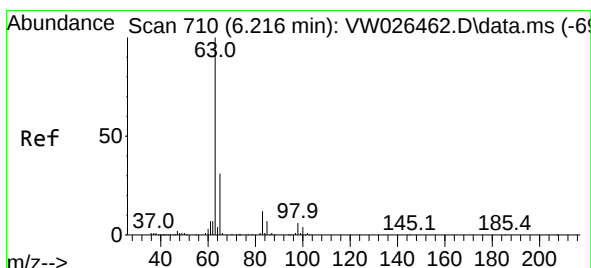
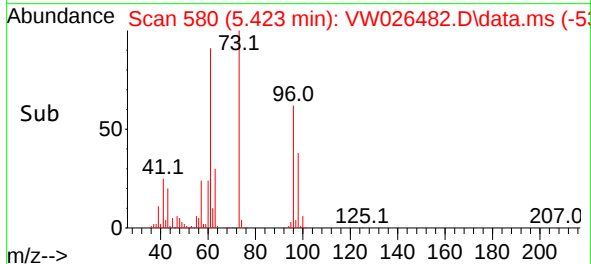
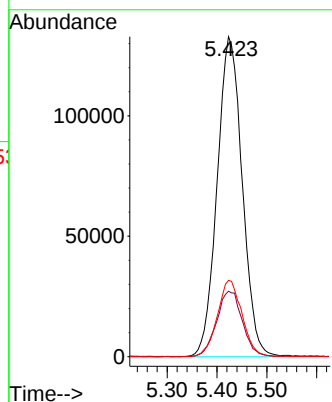
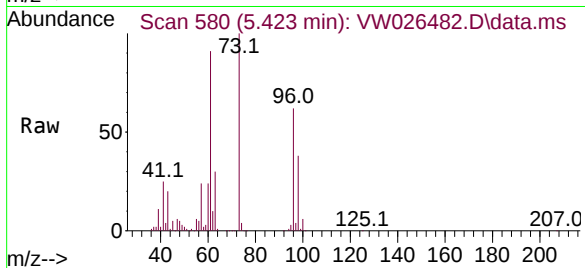




#18
Methyl tert-butyl Ether
Concen: 25.866 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

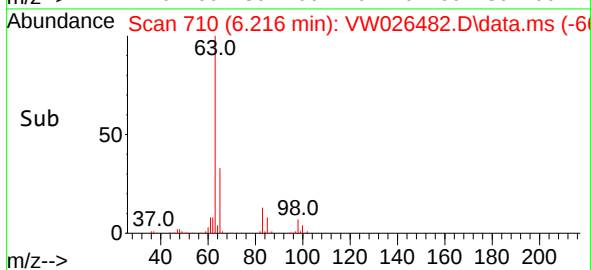
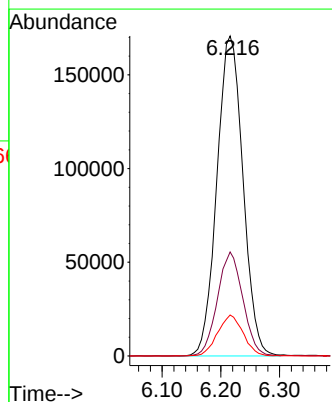
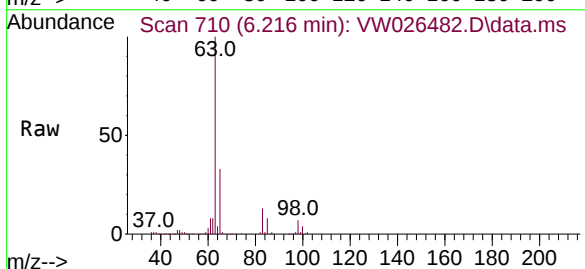
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

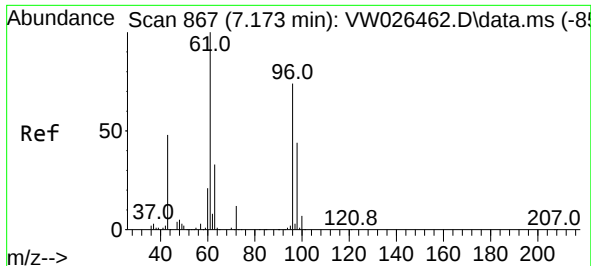
Tgt Ion: 73 Resp: 463622
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 23.5 19.3 28.9



#19
1,1-Dichloroethane
Concen: 23.841 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 63 Resp: 526152
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.5
83 12.8 8.3 15.3

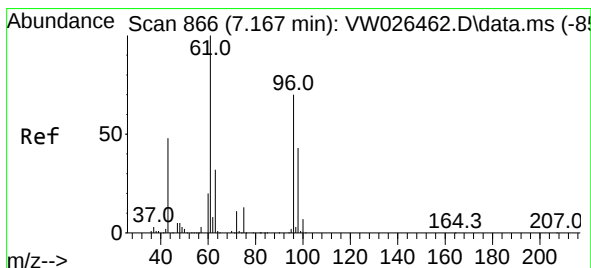
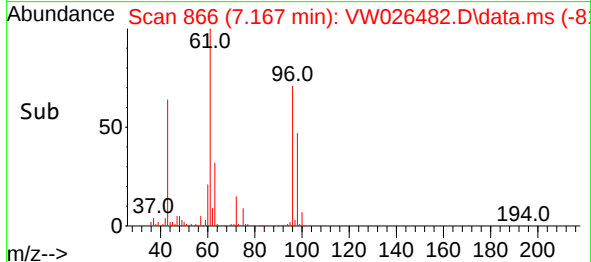
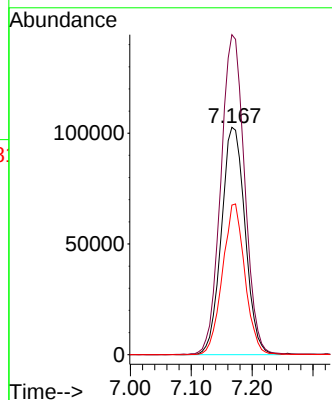
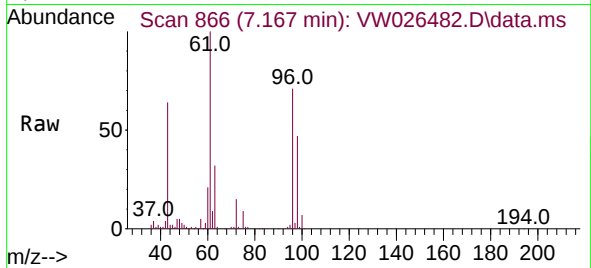




#20
cis-1,2-Dichloroethene
Concen: 22.329 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

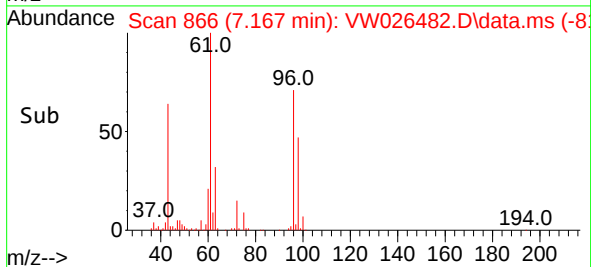
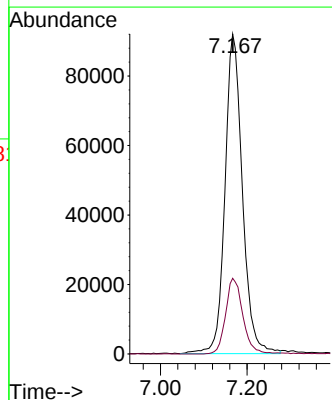
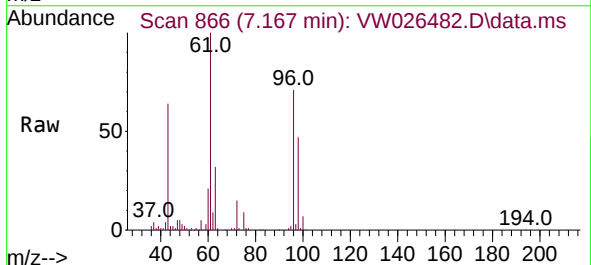
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

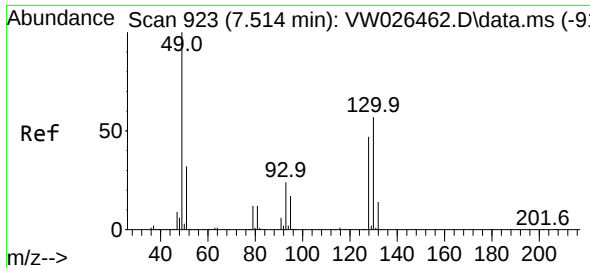
Tgt Ion: 96 Resp: 277402
Ion Ratio Lower Upper
96 100
61 140.8 99.3 184.5
98 65.8 44.3 82.3



#22
2-Butanone
Concen: 56.845 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 43 Resp: 257937
Ion Ratio Lower Upper
43 100
72 23.3 12.6 37.8

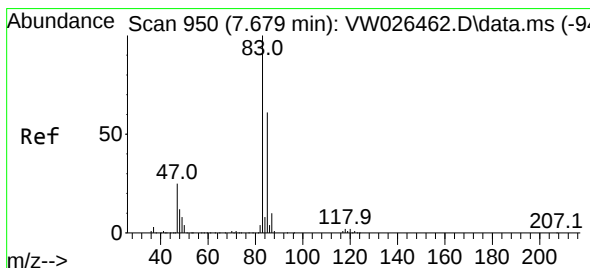
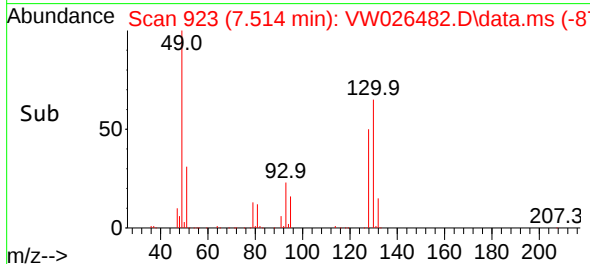
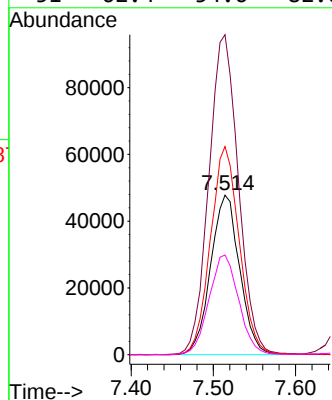
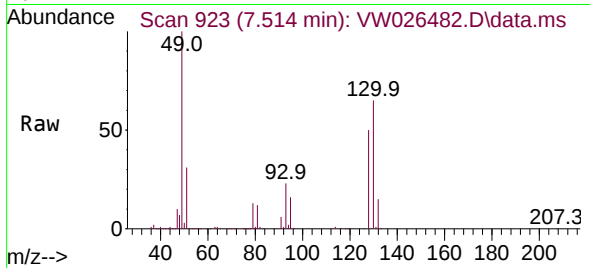




#23
Bromochloromethane
Concen: 22.682 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

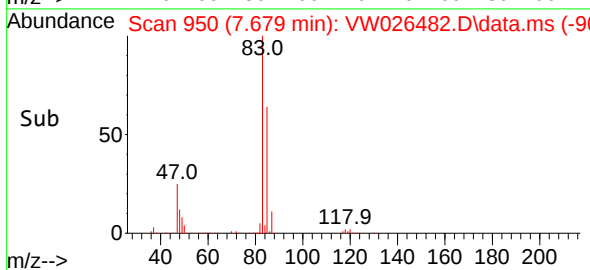
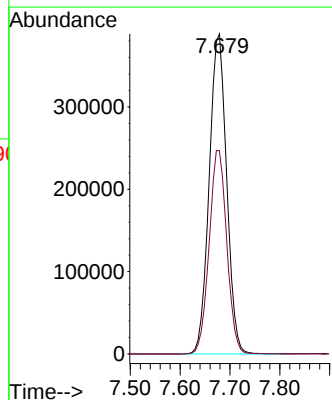
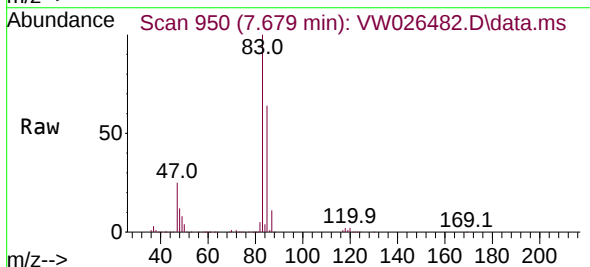
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

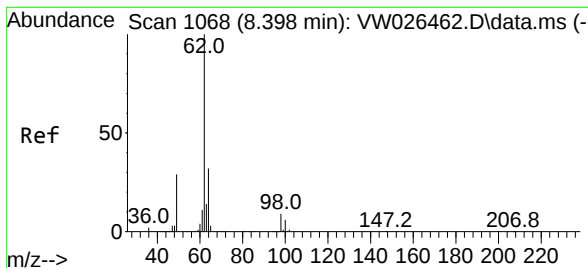
Tgt Ion:128 Resp: 117194
Ion Ratio Lower Upper
128 100
49 200.6 149.2 277.2
130 130.5 89.2 165.8
51 62.4 54.6 82.0



#25
Chloroform
Concen: 44.073 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 83 Resp: 944072
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4





#27

1,2-Dichloroethane

Concen: 22.657 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

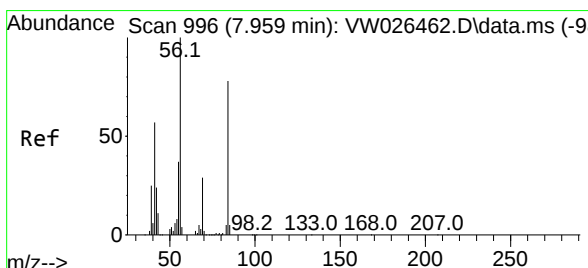
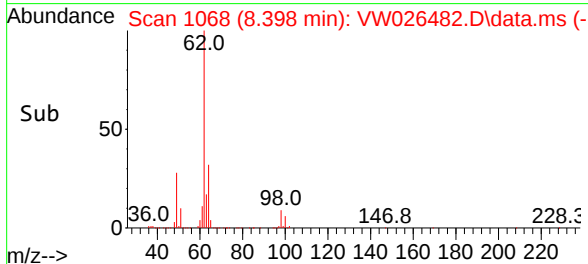
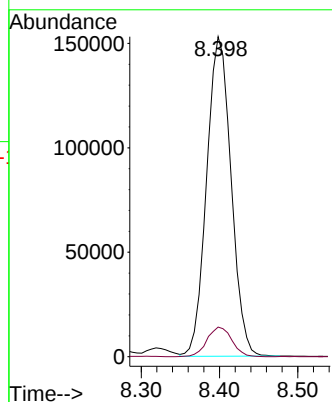
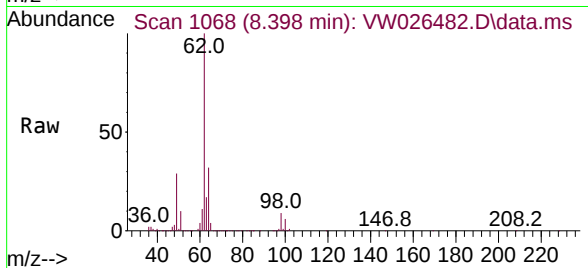
YBW57MSD

Tgt Ion: 62 Resp: 331844

Ion Ratio Lower Upper

62 100

98 9.3 7.6 11.4



#29

Cyclohexane

Concen: 21.444 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

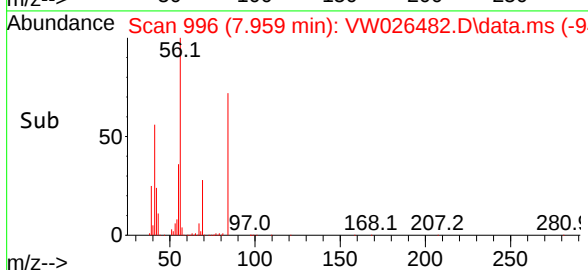
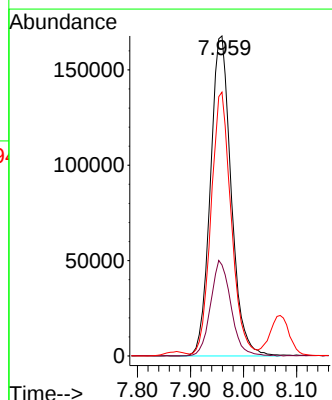
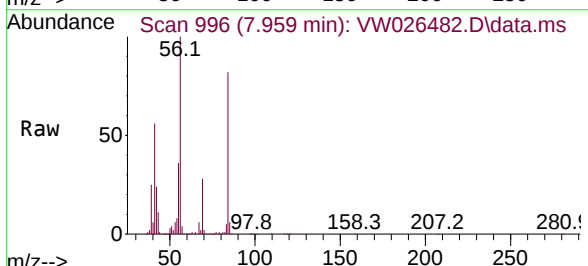
Tgt Ion: 56 Resp: 457674

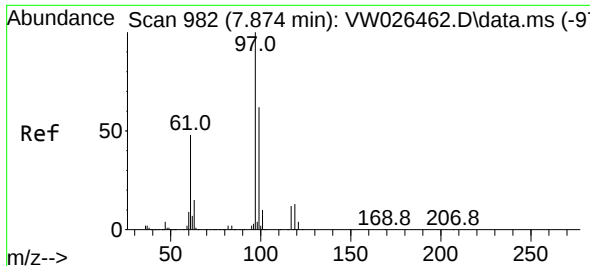
Ion Ratio Lower Upper

56 100

69 29.0 23.2 34.8

84 80.1 63.5 95.3



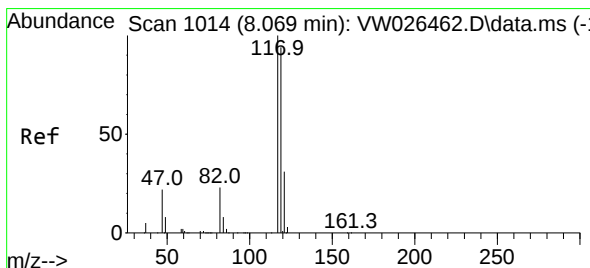
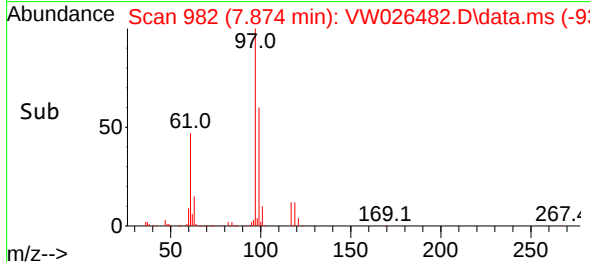
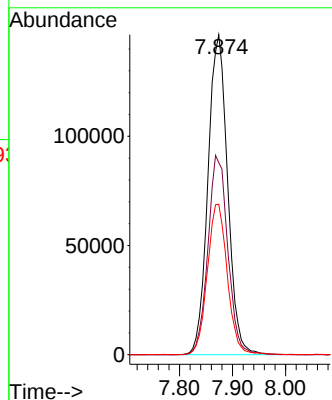
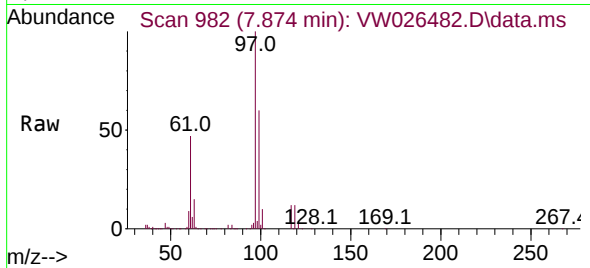


#30
 1,1,1-Trichloroethane
 Concen: 23.573 ug/L
 RT: 7.874 min Scan# 982
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MSD

Tgt Ion: 97 Resp: 378057

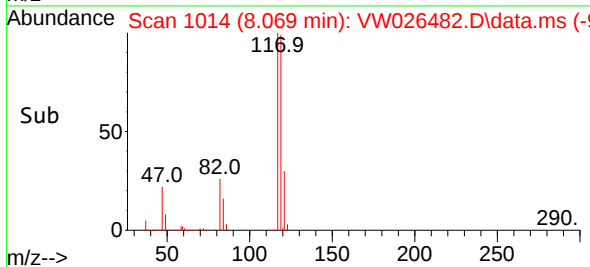
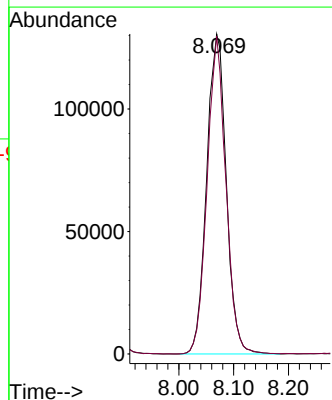
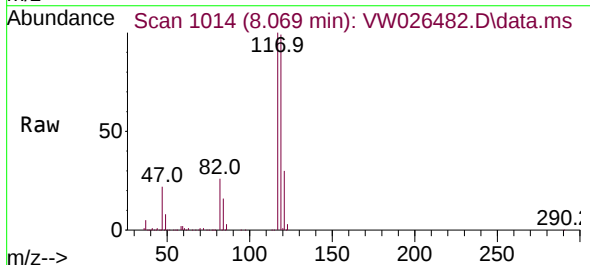
Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.3	76.9
61	48.0	39.5	59.3

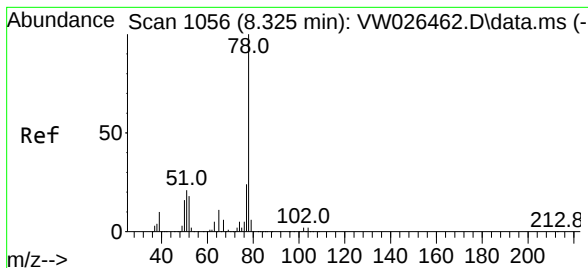


#31
 Carbon tetrachloride
 Concen: 22.411 ug/L
 RT: 8.069 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

Tgt Ion: 117 Resp: 323600

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2





#33

Benzene

Concen: 23.015 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

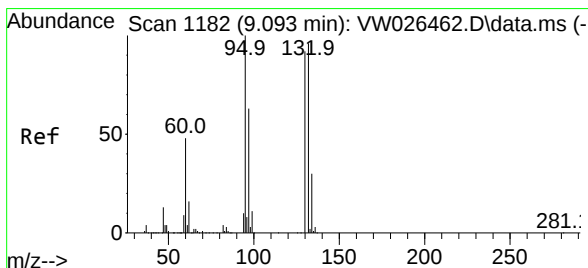
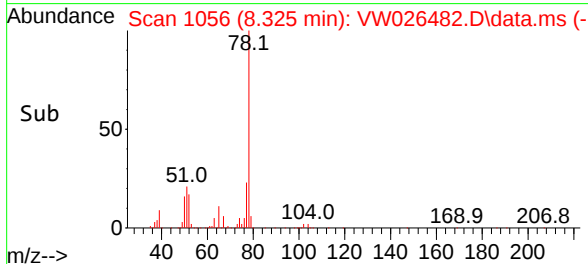
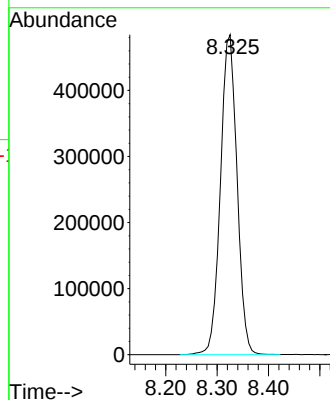
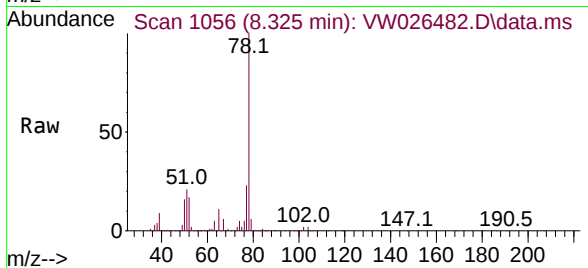
Instrument :

MSVOA_W

ClientSampleId :

YBW57MSD

Tgt Ion: 78 Resp: 1085075



#34

Trichloroethene

Concen: 47.629 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Tgt Ion: 95 Resp: 572025

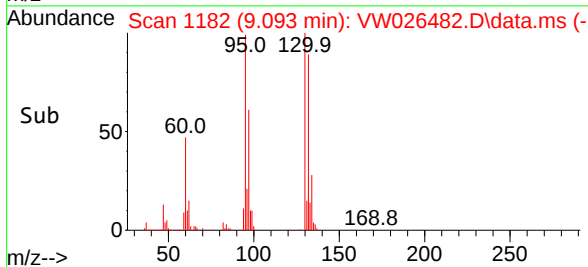
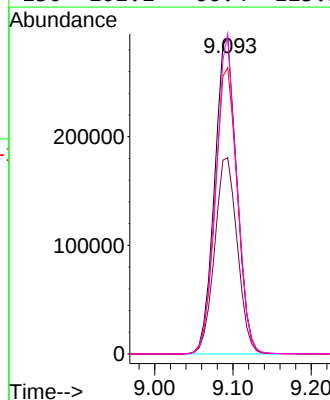
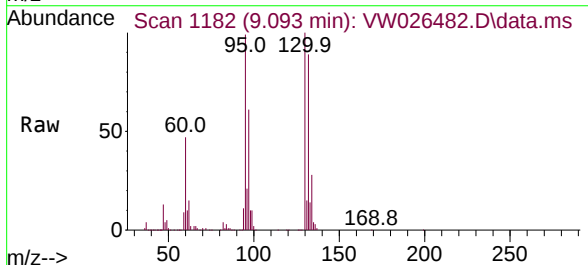
Ion Ratio Lower Upper

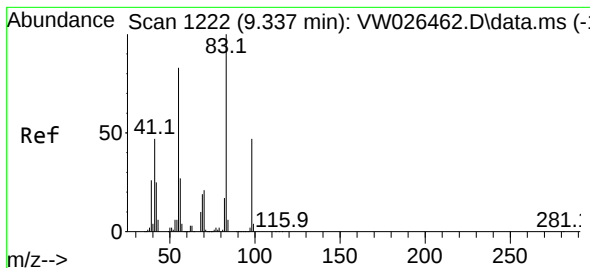
95 100

97 62.0 44.1 81.9

132 90.4 61.8 114.8

130 101.1 66.4 123.2

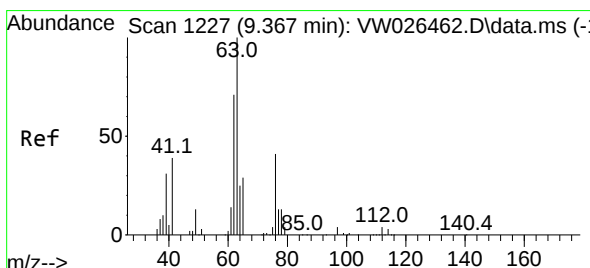
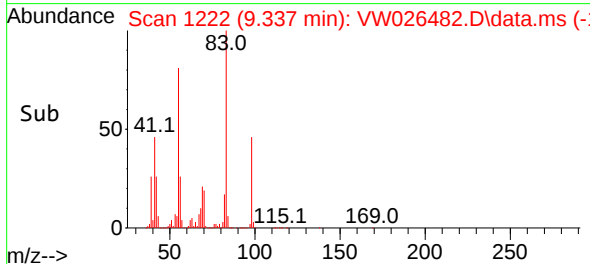
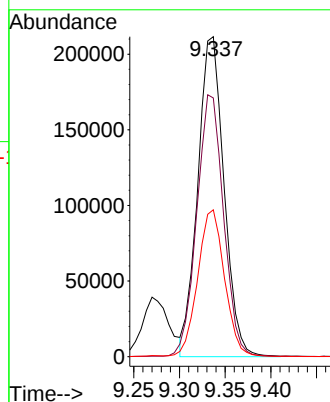
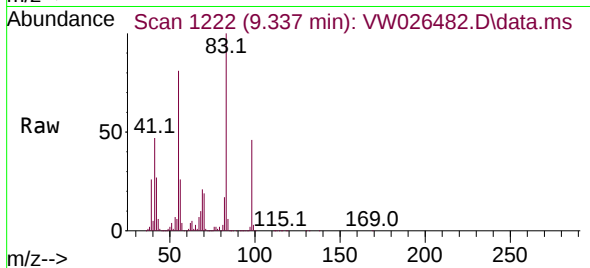




#35
Methylcyclohexane
Concen: 19.741 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

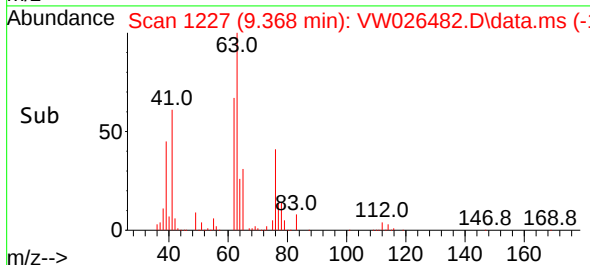
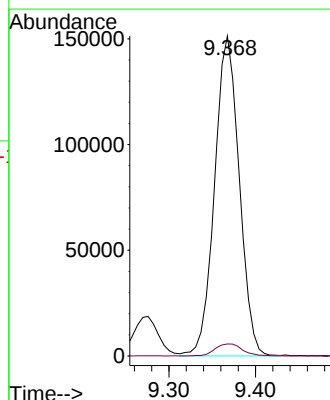
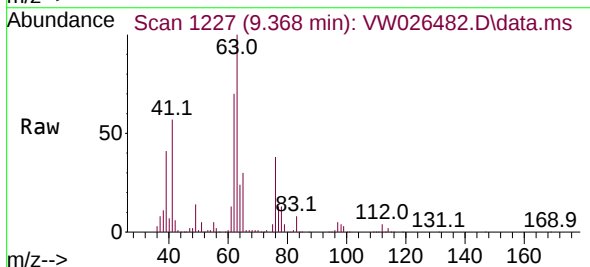
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

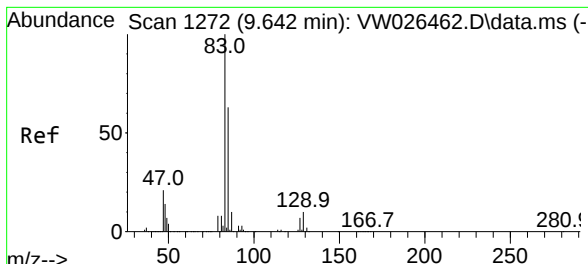
Tgt Ion: 83 Resp: 422369
Ion Ratio Lower Upper
83 100
55 83.4 66.5 99.7
98 47.0 37.0 55.6



#37
1,2-Dichloropropane
Concen: 23.888 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 63 Resp: 298980
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0

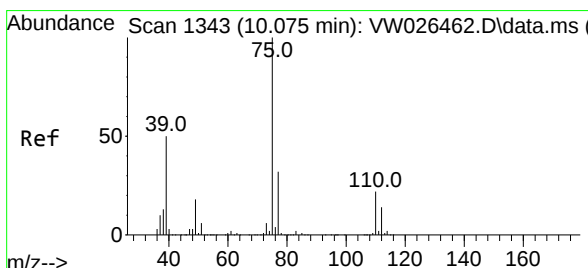
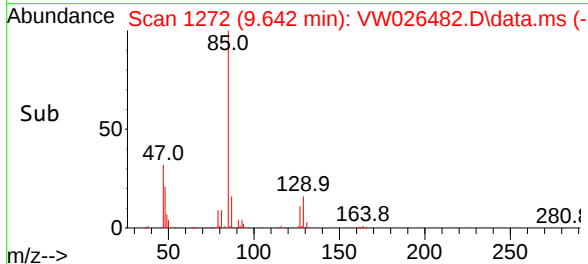
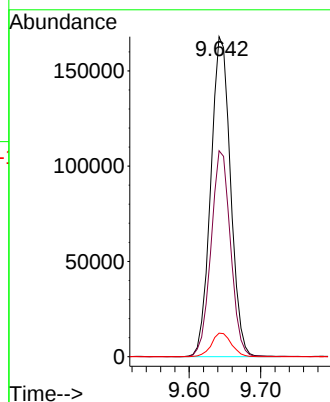
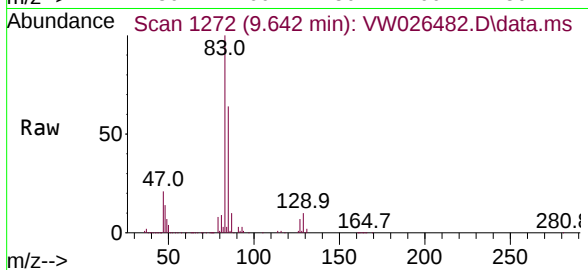




#38
 Bromodichloromethane
 Concen: 22.942 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

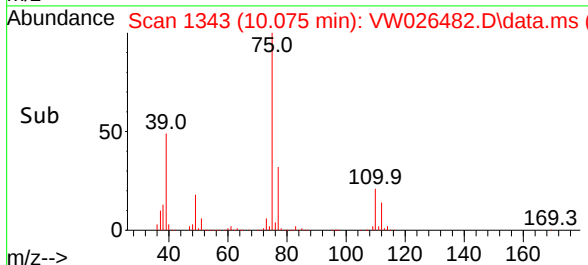
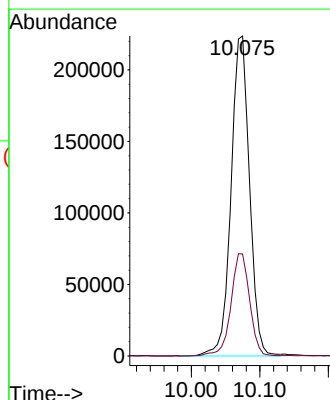
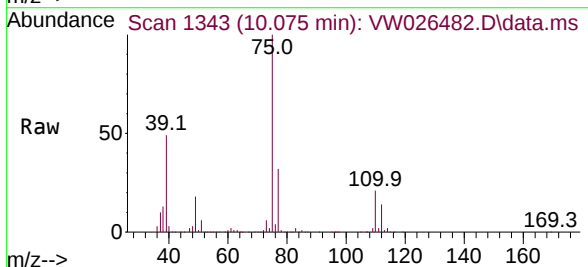
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MSD

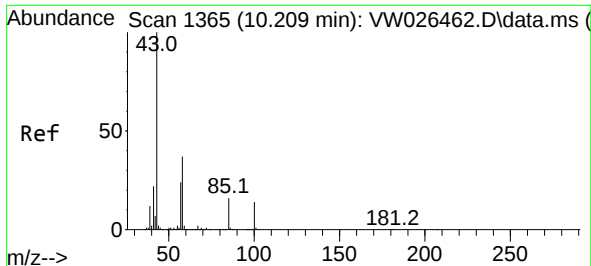
Tgt Ion: 83 Resp: 322288
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.1 83.7
 127 7.4 5.9 8.9



#39
 cis-1,3-Dichloropropene
 Concen: 22.336 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

Tgt Ion: 75 Resp: 418417
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.9 40.7

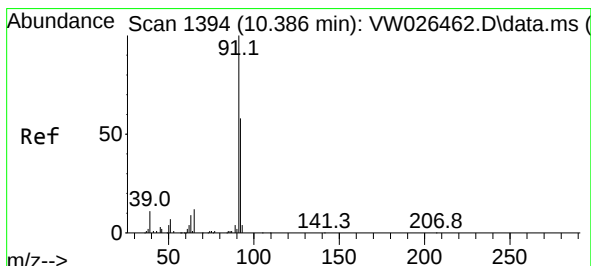
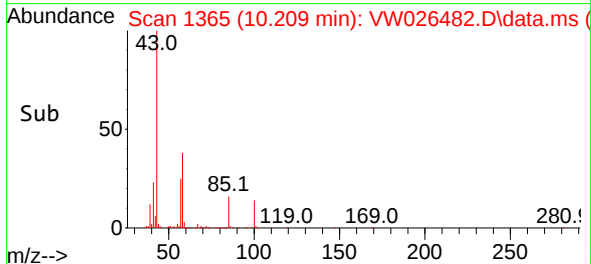
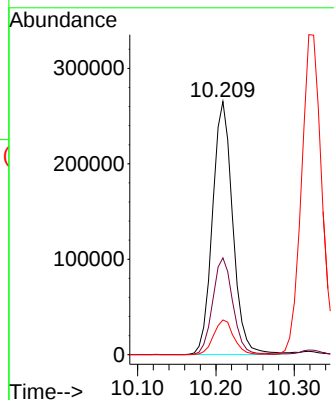
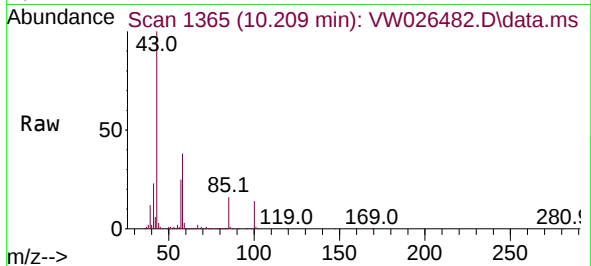




#40
4-Methyl-2-pentanone
Concen: 55.405 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

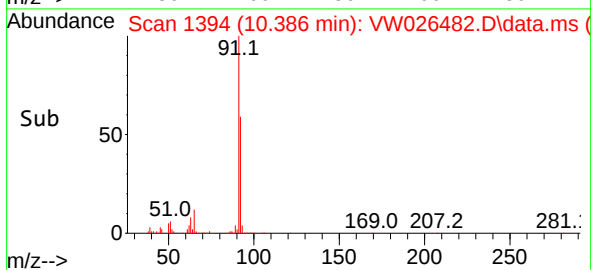
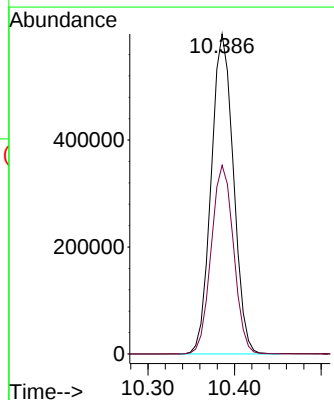
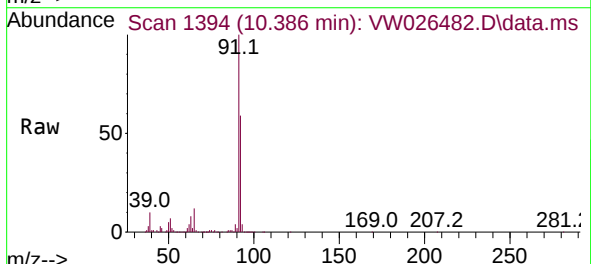
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

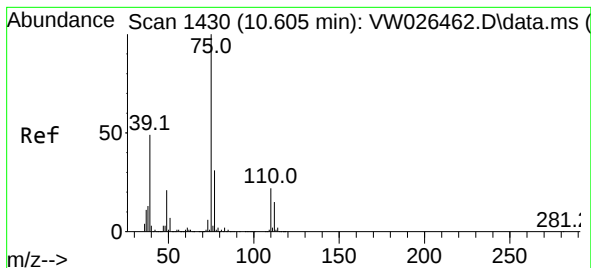
Tgt Ion: 43 Resp: 476127
Ion Ratio Lower Upper
43 100
58 38.4 29.7 44.5
100 13.7 10.9 16.3



#42
Toluene
Concen: 22.138 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 91 Resp: 1067834
Ion Ratio Lower Upper
91 100
92 58.9 41.4 76.8

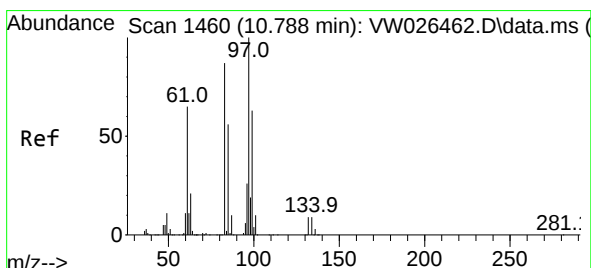
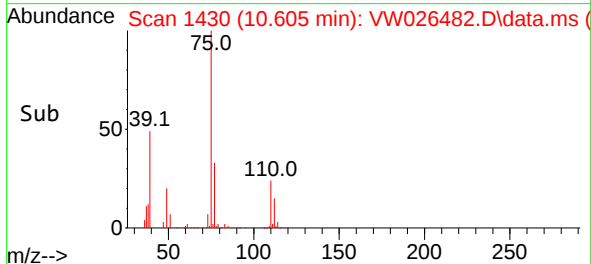
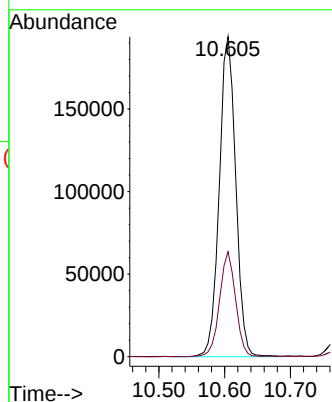
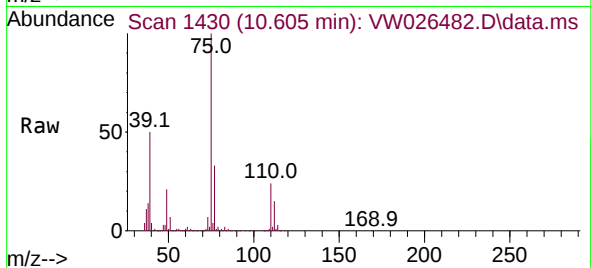




#44
trans-1,3-Dichloropropene
Concen: 22.097 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

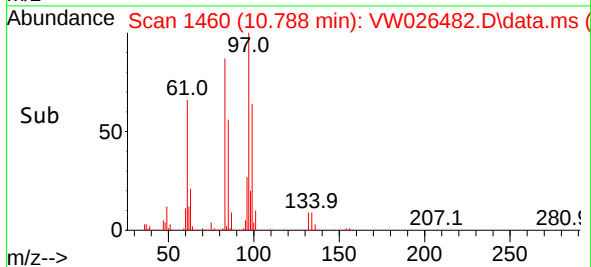
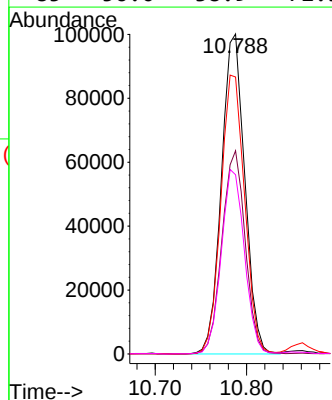
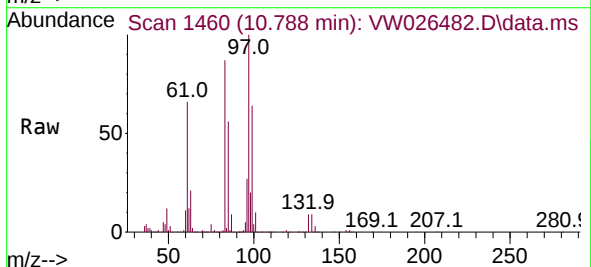
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

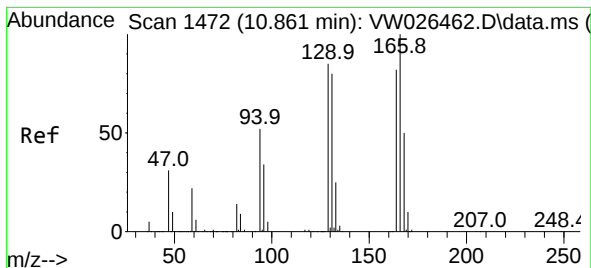
Tgt Ion: 75 Resp: 338301
Ion Ratio Lower Upper
75 100
77 32.8 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 20.872 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 97 Resp: 177953
Ion Ratio Lower Upper
97 100
99 63.5 42.1 78.3
83 86.6 60.5 112.5
85 56.0 38.9 72.3





#46

Tetrachloroethene

Concen: 20.846 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

YBW57MSD

Tgt Ion:164 Resp: 177008

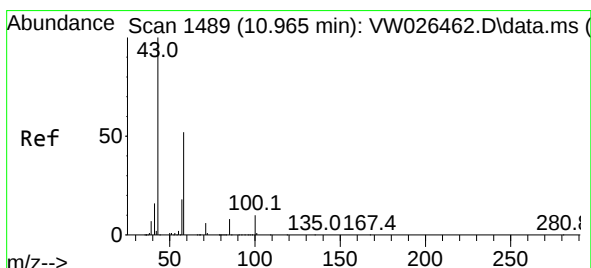
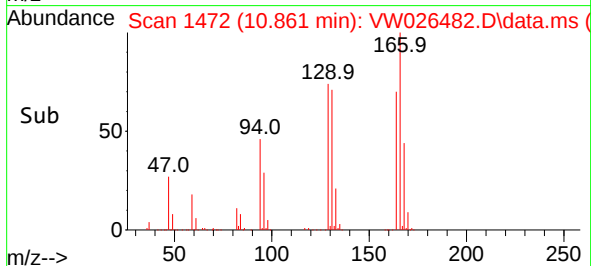
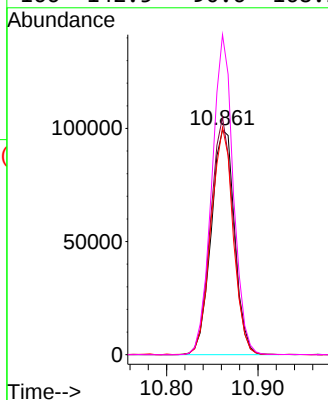
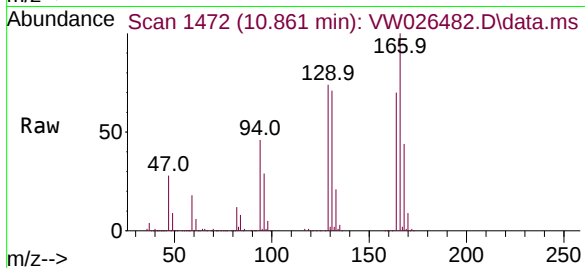
Ion Ratio Lower Upper

164 100

129 105.7 69.0 128.2

131 101.3 62.6 116.3

166 142.5 90.6 168.3



#48

2-Hexanone

Concen: 63.676 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Tgt Ion: 43 Resp: 367288

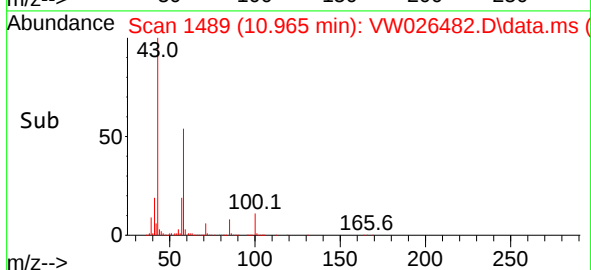
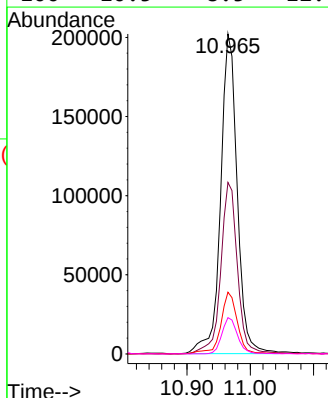
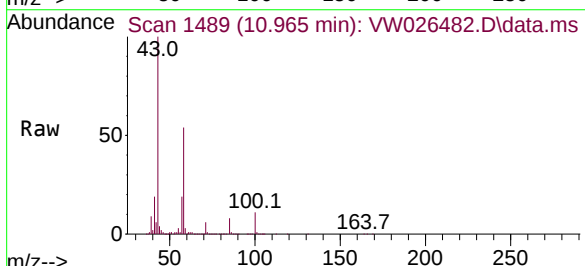
Ion Ratio Lower Upper

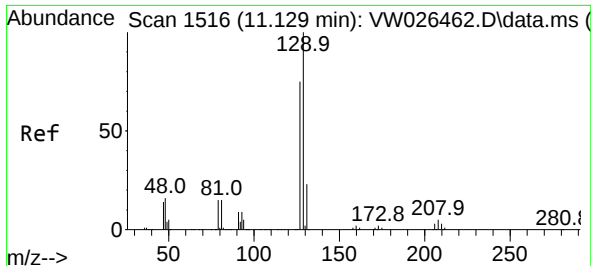
43 100

58 54.0 42.1 63.1

57 17.1 14.5 21.7

100 10.5 8.5 12.7





#49

Dibromochloromethane

Concen: 23.439 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

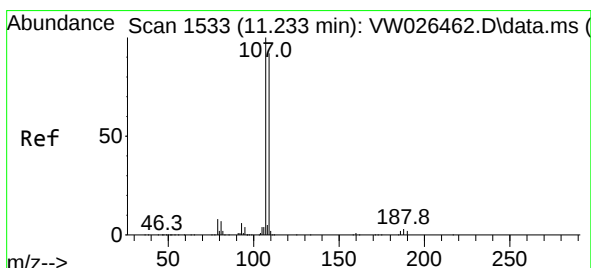
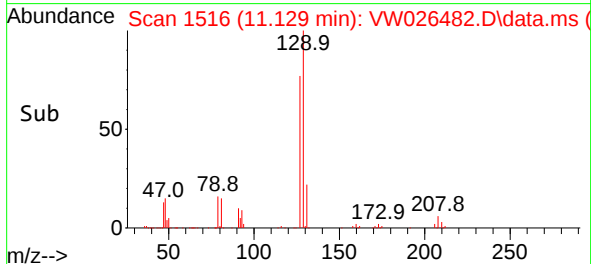
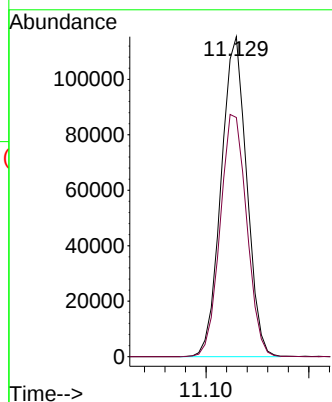
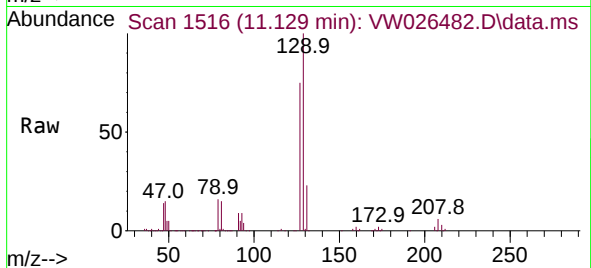
YBW57MSD

Tgt Ion:129 Resp: 199043

Ion Ratio Lower Upper

129 100

127 74.8 54.0 100.4



#50

1,2-Dibromoethane

Concen: 23.743 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

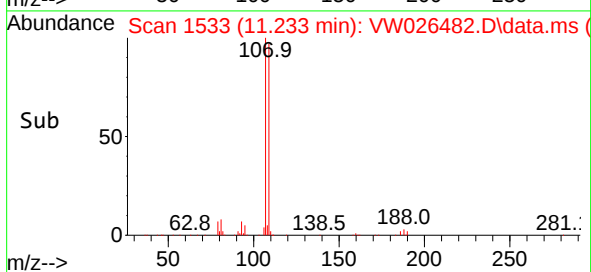
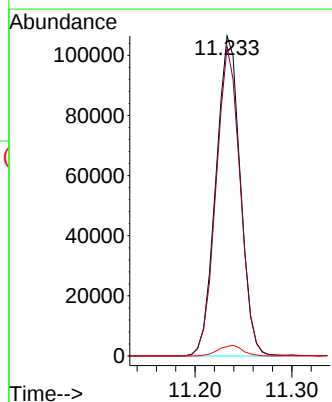
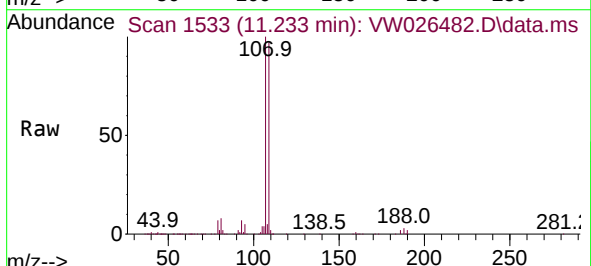
Tgt Ion:107 Resp: 186139

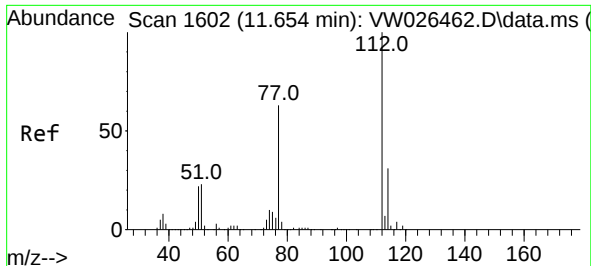
Ion Ratio Lower Upper

107 100

109 96.6 69.0 128.2

188 2.9 2.8 4.2

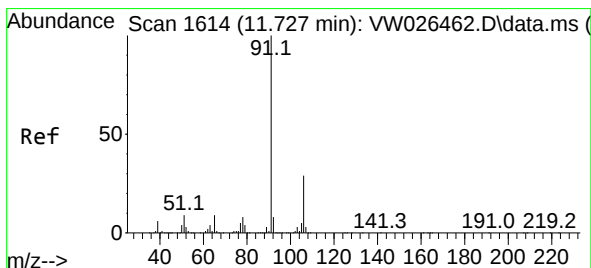
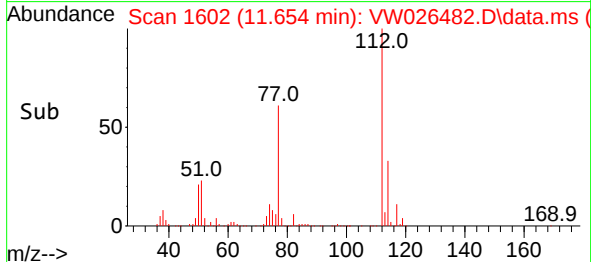
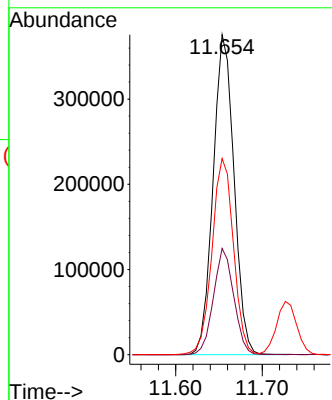
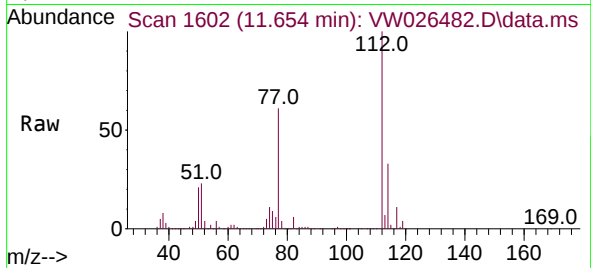




#51
Chlorobenzene
Concen: 21.105 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

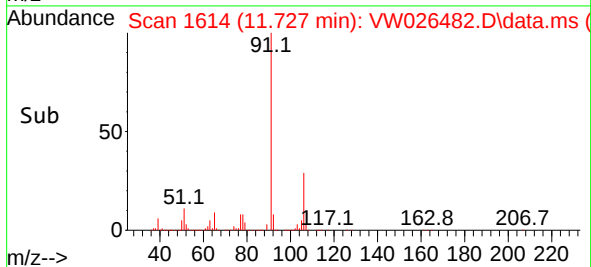
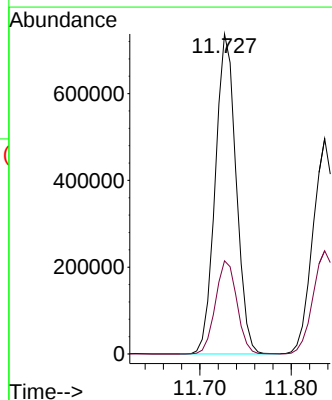
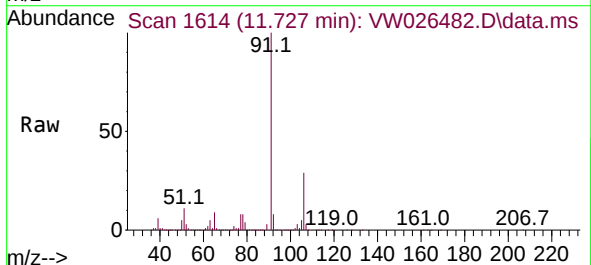
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

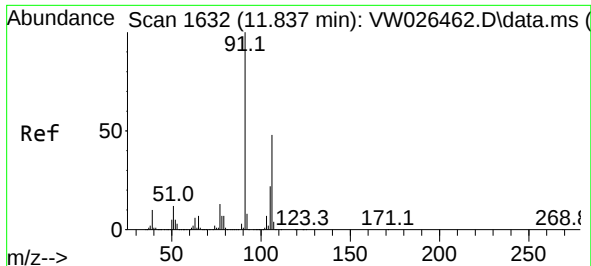
Tgt Ion:112 Resp: 629860
Ion Ratio Lower Upper
112 100
114 33.2 22.3 41.5
77 61.3 49.6 74.4



#52
Ethylbenzene
Concen: 21.530 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 91 Resp: 1168629
Ion Ratio Lower Upper
91 100
106 29.1 20.9 38.7

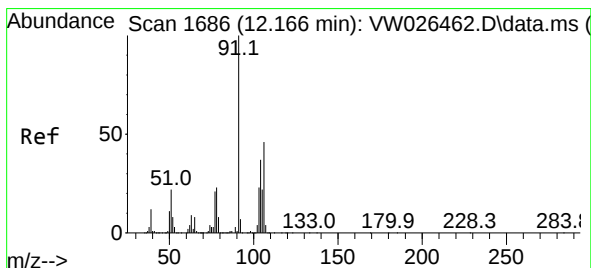
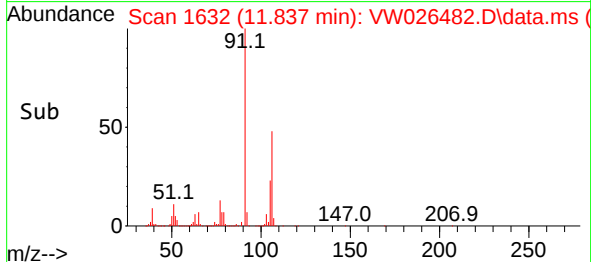
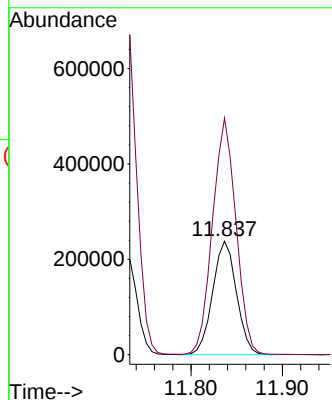
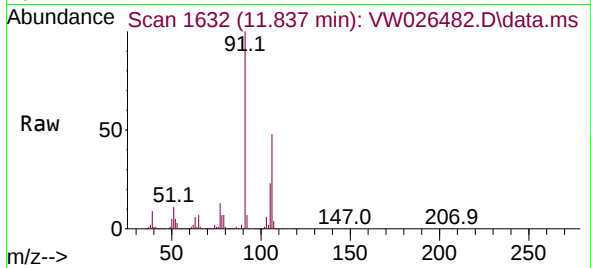




#53
m,p-Xylene
Concen: 21.315 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

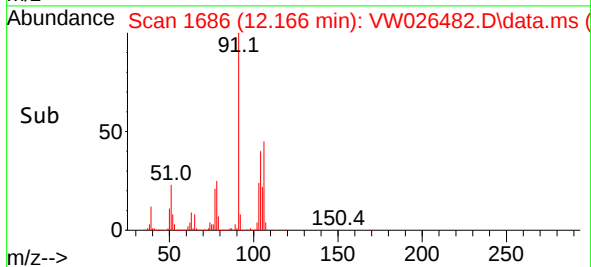
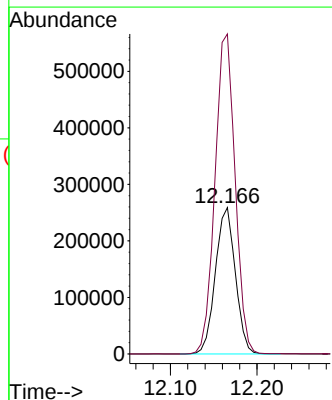
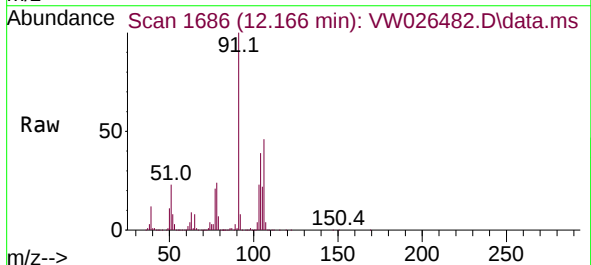
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

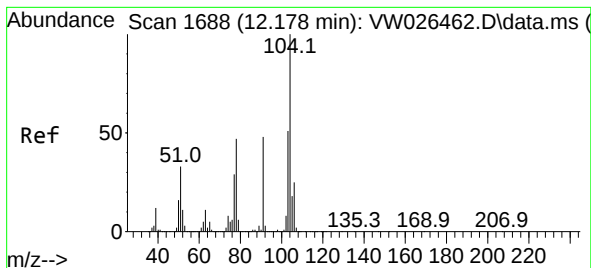
Tgt Ion:106 Resp: 429008
Ion Ratio Lower Upper
106 100
91 208.6 146.7 272.5



#54
o-Xylene
Concen: 22.213 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion:106 Resp: 414650
Ion Ratio Lower Upper
106 100
91 218.5 145.5 270.1





#55

Styrene

Concen: 21.605 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

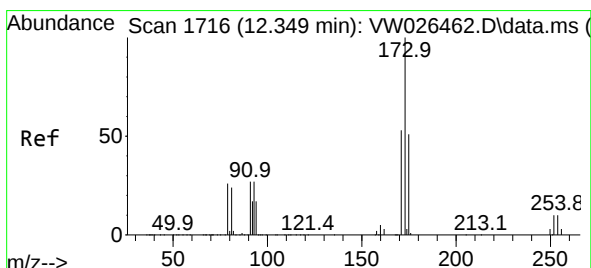
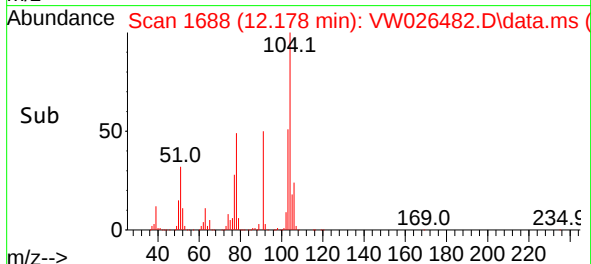
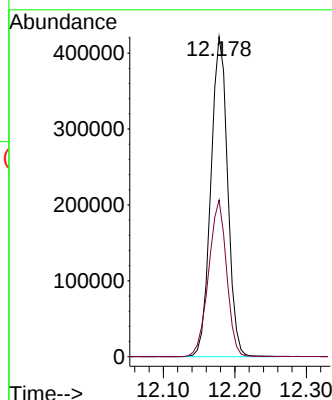
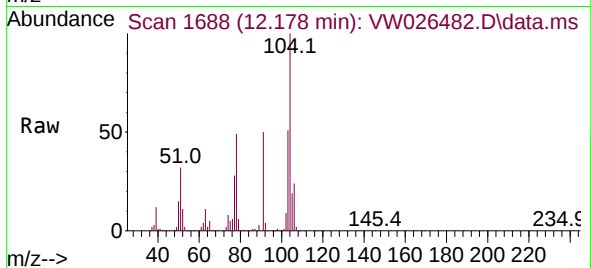
YBW57MSD

Tgt Ion:104 Resp: 688410

Ion Ratio Lower Upper

104 100

78 48.9 34.8 64.6



#59

Bromoform

Concen: 27.561 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

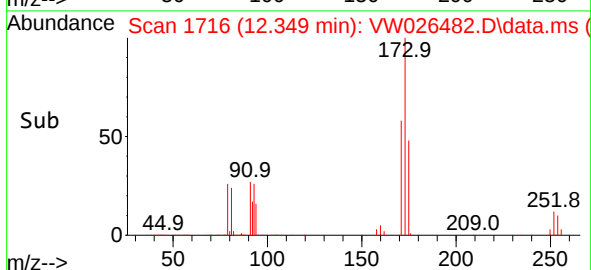
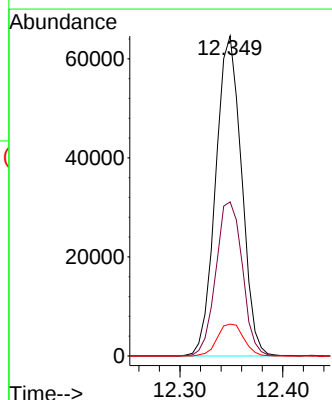
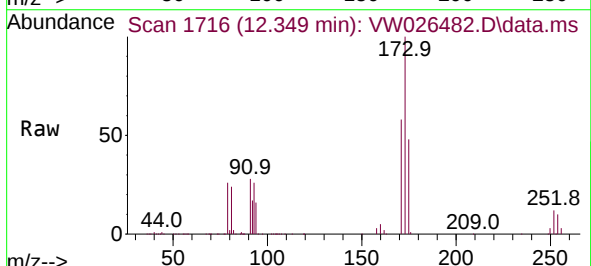
Tgt Ion:173 Resp: 113031

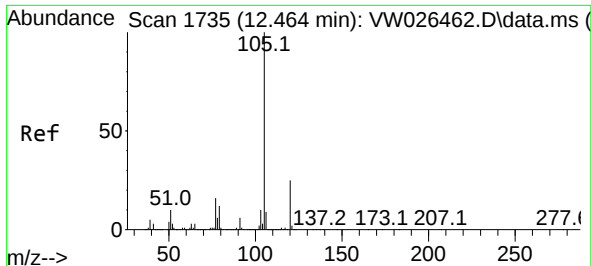
Ion Ratio Lower Upper

173 100

175 49.2 37.4 56.2

254 10.2 7.3 10.9

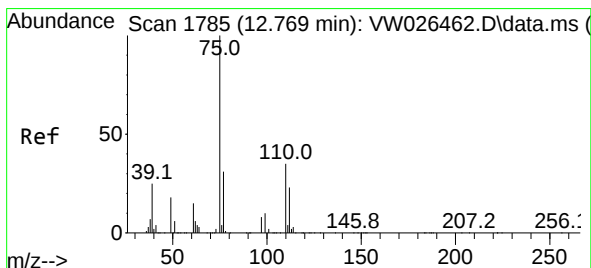
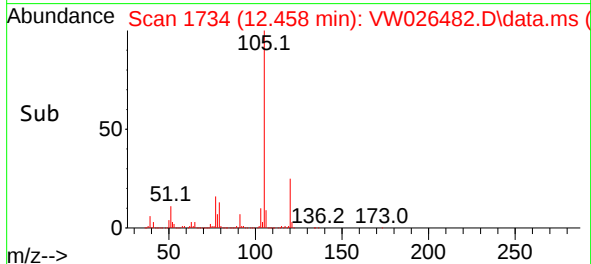
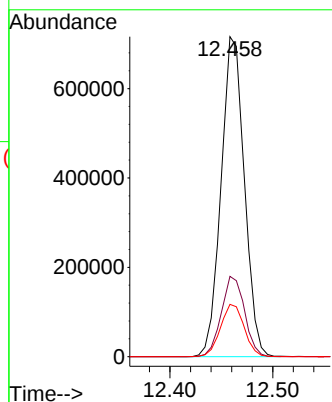
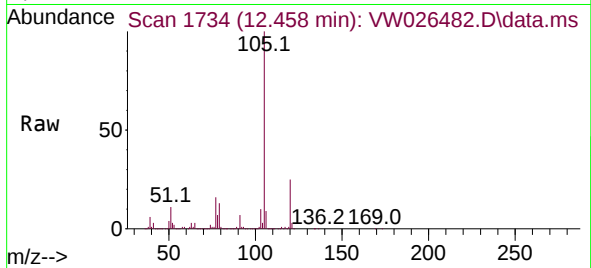




#60
Isopropylbenzene
Concen: 24.922 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

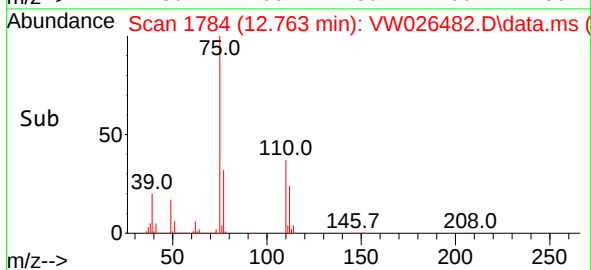
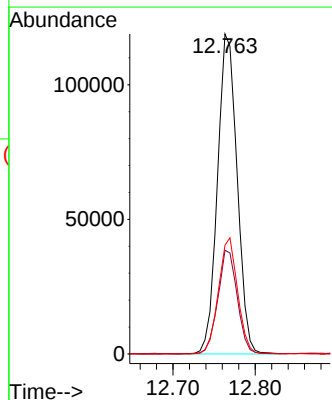
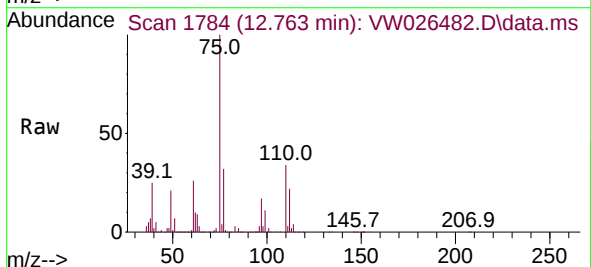
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

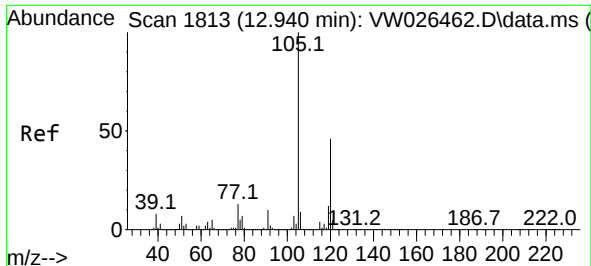
Tgt Ion:105 Resp: 1125872
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7
77 16.7 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 29.183 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion: 75 Resp: 197557
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
110 35.4 28.2 42.4

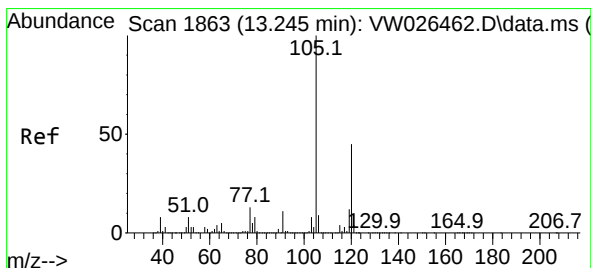
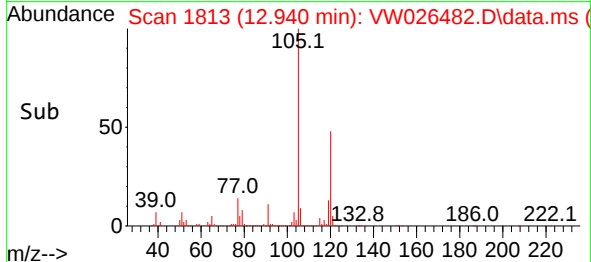
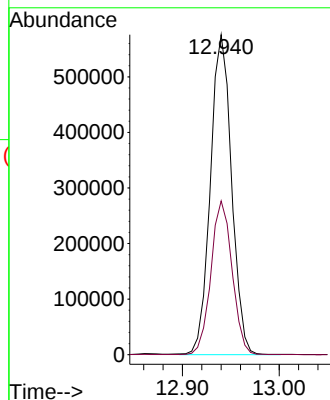
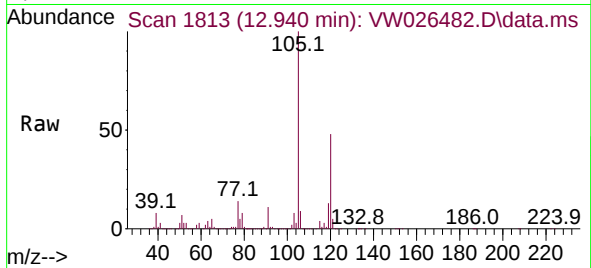




#62
 1,3,5-Trimethylbenzene
 Concen: 24.399 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

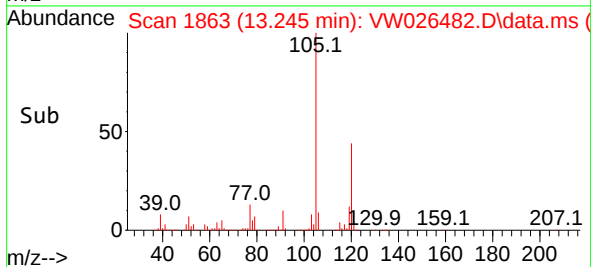
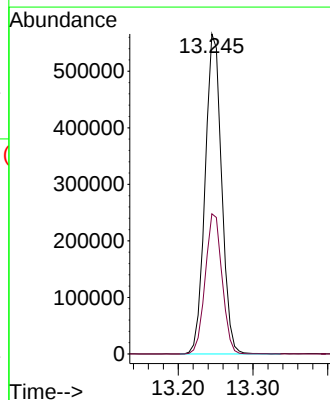
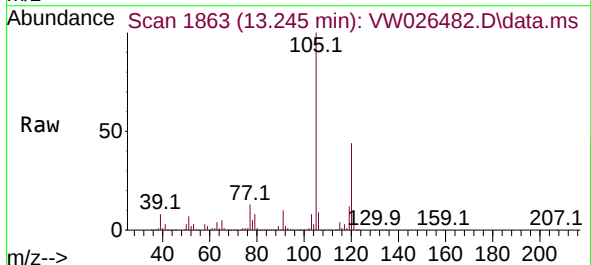
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MSD

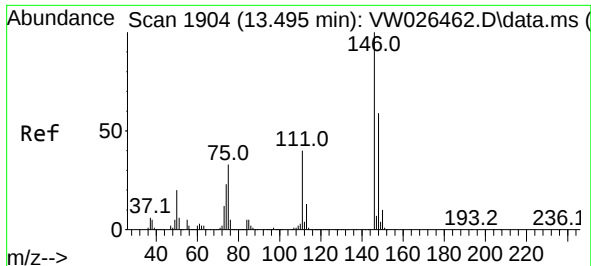
Tgt Ion:105 Resp: 876499
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 24.692 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW026482.D
 Acq: 30 Jun 2023 19:06

Tgt Ion:105 Resp: 866552
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.0 54.0

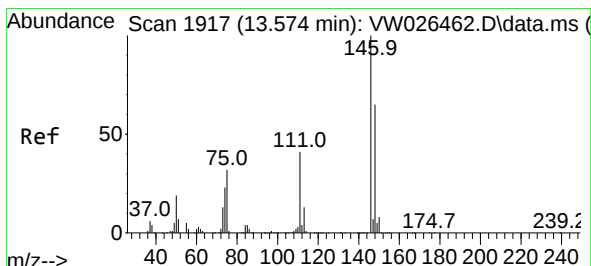
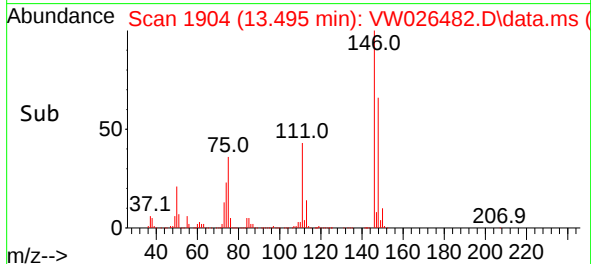
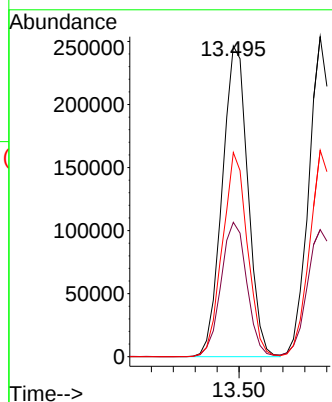
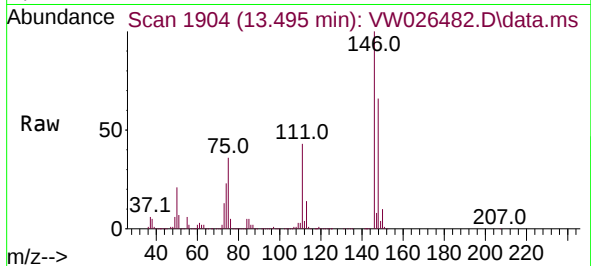




#64
1,3-Dichlorobenzene
Concen: 21.152 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

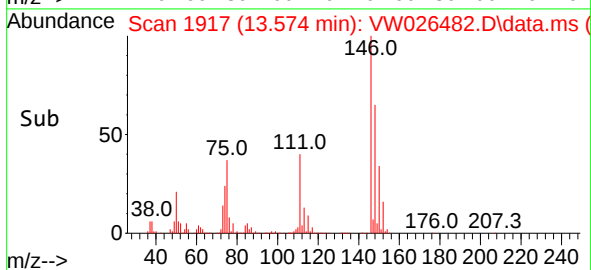
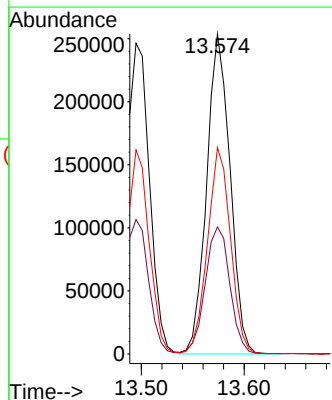
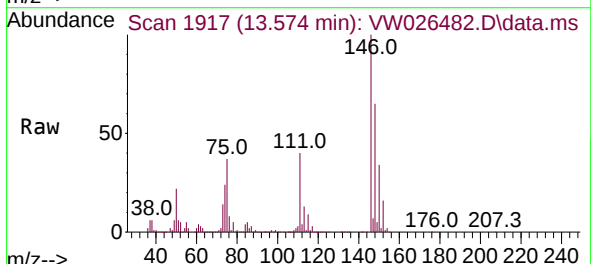
Instrument :
MSVOA_W
ClientSampleId :
YBW57MSD

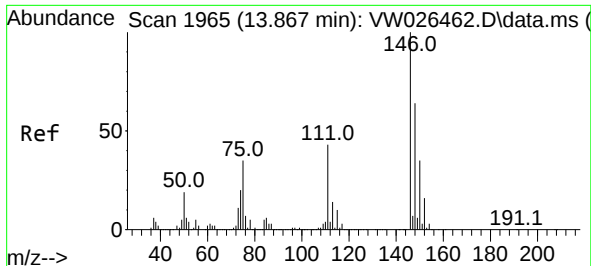
Tgt Ion:146 Resp: 400909
Ion Ratio Lower Upper
146 100
111 43.2 29.5 54.9
148 65.7 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 21.311 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026482.D
Acq: 30 Jun 2023 19:06

Tgt Ion:146 Resp: 401727
Ion Ratio Lower Upper
146 100
111 39.7 30.7 56.9
148 64.5 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 21.782 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

YBW57MSD

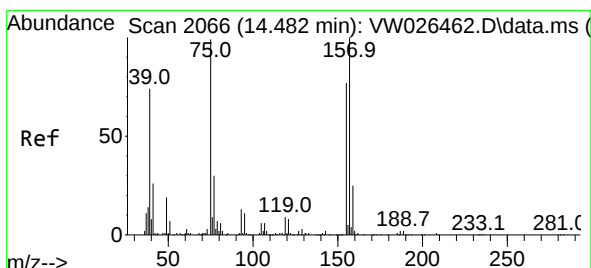
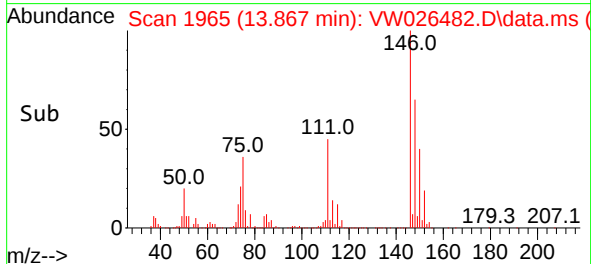
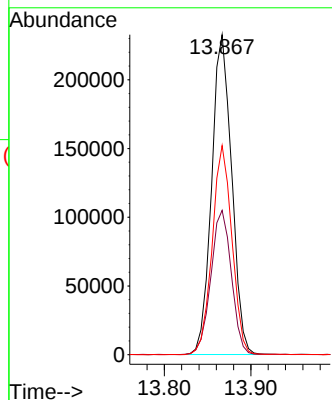
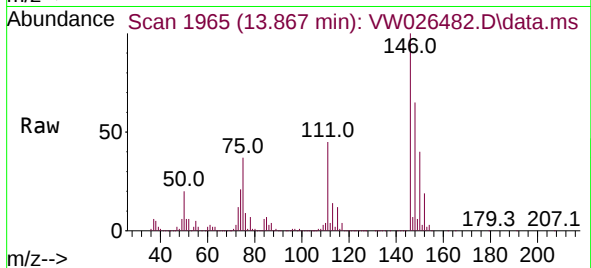
Tgt Ion:146 Resp: 373606

Ion Ratio Lower Upper

146 100

111 45.1 34.7 52.1

148 65.3 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 23.641 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

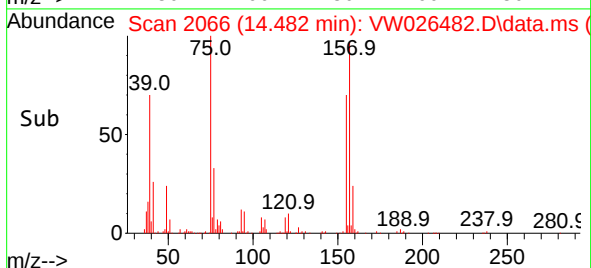
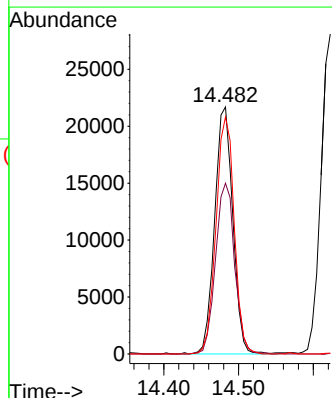
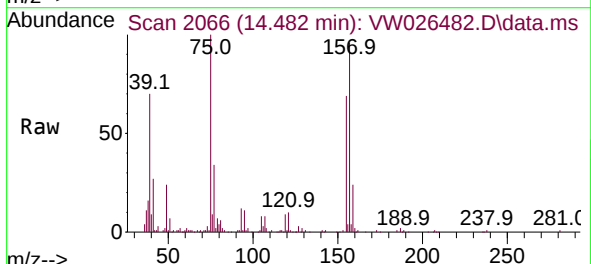
Tgt Ion: 75 Resp: 36674

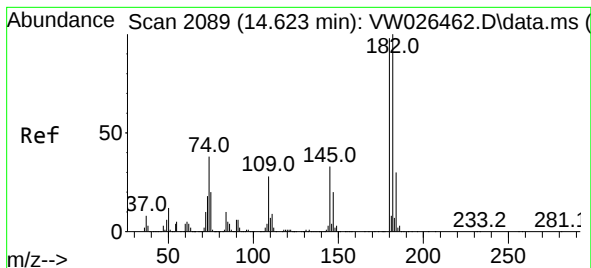
Ion Ratio Lower Upper

75 100

155 69.1 58.5 87.7

157 95.9 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 17.517 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

YBW57MSD

Tgt Ion:180 Resp: 226017

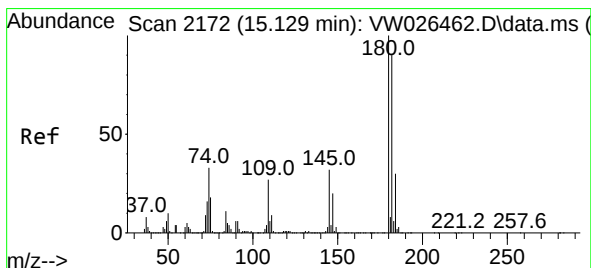
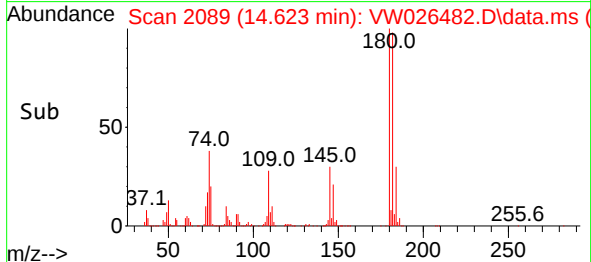
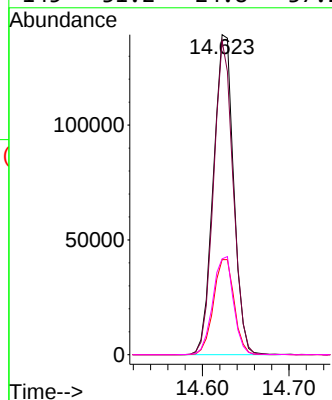
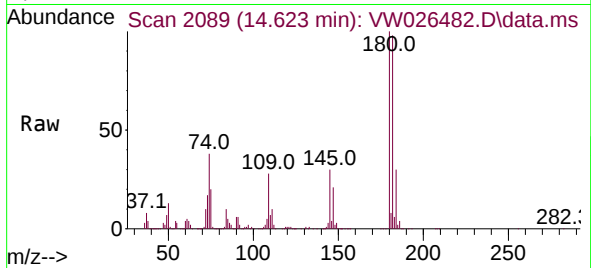
Ion Ratio Lower Upper

180 100

182 94.7 74.5 111.7

184 30.5 23.8 35.6

145 31.2 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 16.019 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

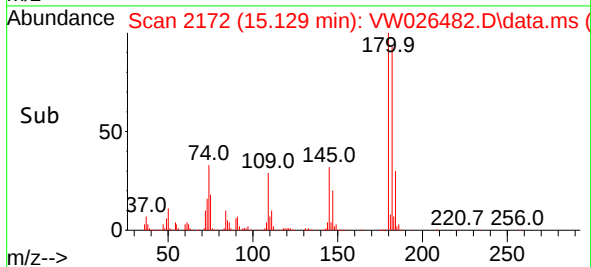
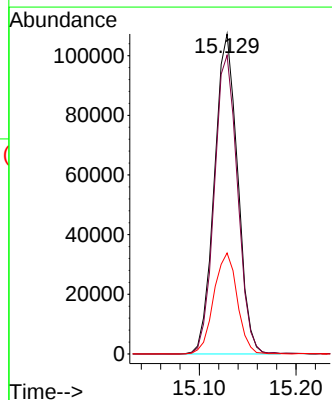
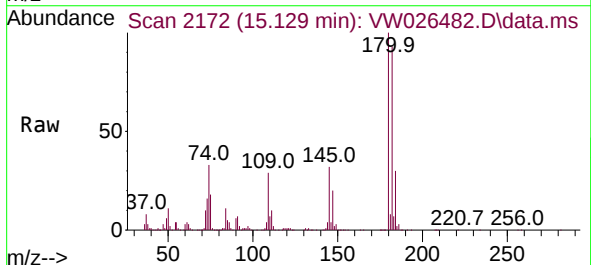
Tgt Ion:180 Resp: 178888

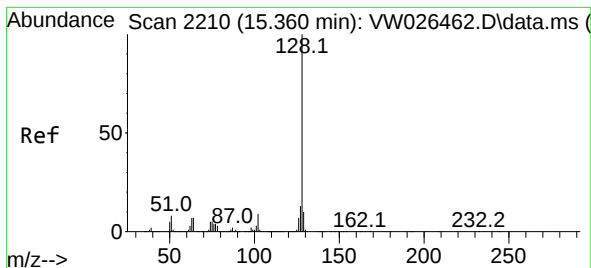
Ion Ratio Lower Upper

180 100

182 93.1 75.5 113.3

145 31.9 26.2 39.2





#71

Naphthalene

Concen: 21.602 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

YBW57MSD

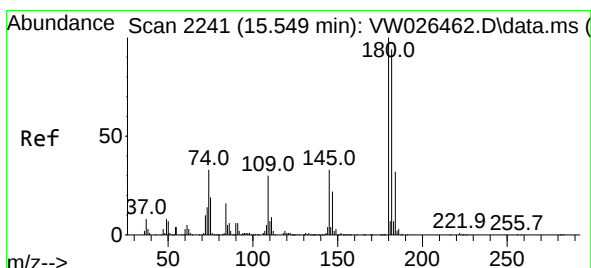
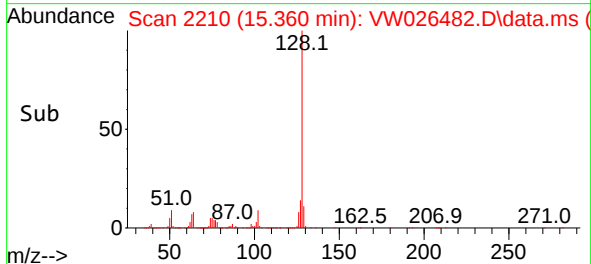
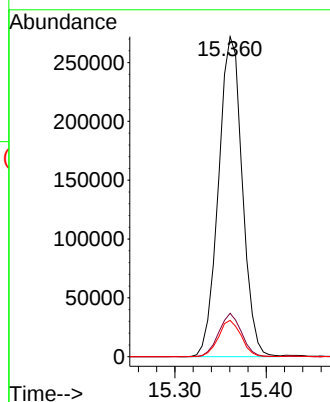
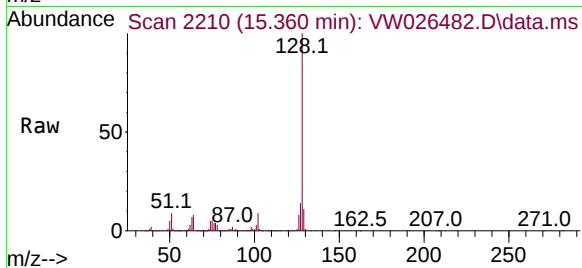
Tgt Ion:128 Resp: 491726

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 16.154 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026482.D

Acq: 30 Jun 2023 19:06

Tgt Ion:180 Resp: 155135

Ion Ratio Lower Upper

180 100

182 97.5 75.7 113.5

145 33.9 27.0 40.6

