

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025892.D
 Acq On : 08 May 2023 20:04
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 09 03:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	561663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517372	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	243020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	174268	21.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
7) Chloroethane-d5	2.899	69	152211	25.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	4.027	65	88239	22.140	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.560%
21) 2-Butanone-d5	7.075	46	139727	53.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.200%
24) Chloroform-d	7.648	84	398742	24.620	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.480%
26) 1,2-Dichloroethane-d4	8.307	65	228781	24.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.920%
32) Benzene-d6	8.270	84	806969	23.870	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.480%
36) 1,2-Dichloropropane-d6	9.270	67	262963	24.312	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.325	98	716757	23.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.120%
43) trans-1,3-Dichloroprop...	10.575	79	98474	22.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.840%
47) 2-Hexanone-d5	10.922	63	97737	52.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	212468	25.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	215742	24.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	142424	22.697	ug/L	98
3) Chloromethane	2.223	50	232079	25.084	ug/L	100
5) Vinyl chloride	2.375	62	208851	21.809	ug/L	100
6) Bromomethane	2.789	94	130115	24.981	ug/L	95
8) Chloroethane	2.930	64	138510	25.436	ug/L	100
9) Trichlorofluoromethane	3.265	101	143605	19.870	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	188710	24.009	ug/L #	87
12) 1,1-Dichloroethene	4.045	96	172668	22.987	ug/L	93
13) Acetone	4.119	43	92347	39.581	ug/L	97
14) Carbon disulfide	4.393	76	559761	22.035	ug/L	99
15) Methyl Acetate	4.673	43	117412	25.537	ug/L	100
16) Methylene chloride	4.917	84	208239	17.978	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	192304	23.467	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	303552	24.406	ug/L	100
19) 1,1-Dichloroethane	6.216	63	406196	24.126	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	211158	24.018	ug/L	97
22) 2-Butanone	7.167	43	154484	47.953	ug/L	98
23) Bromochloromethane	7.514	128	89998	24.164	ug/L	96
25) Chloroform	7.673	83	381108	24.629	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025892.D
 Acq On : 08 May 2023 20:04
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 09 03:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

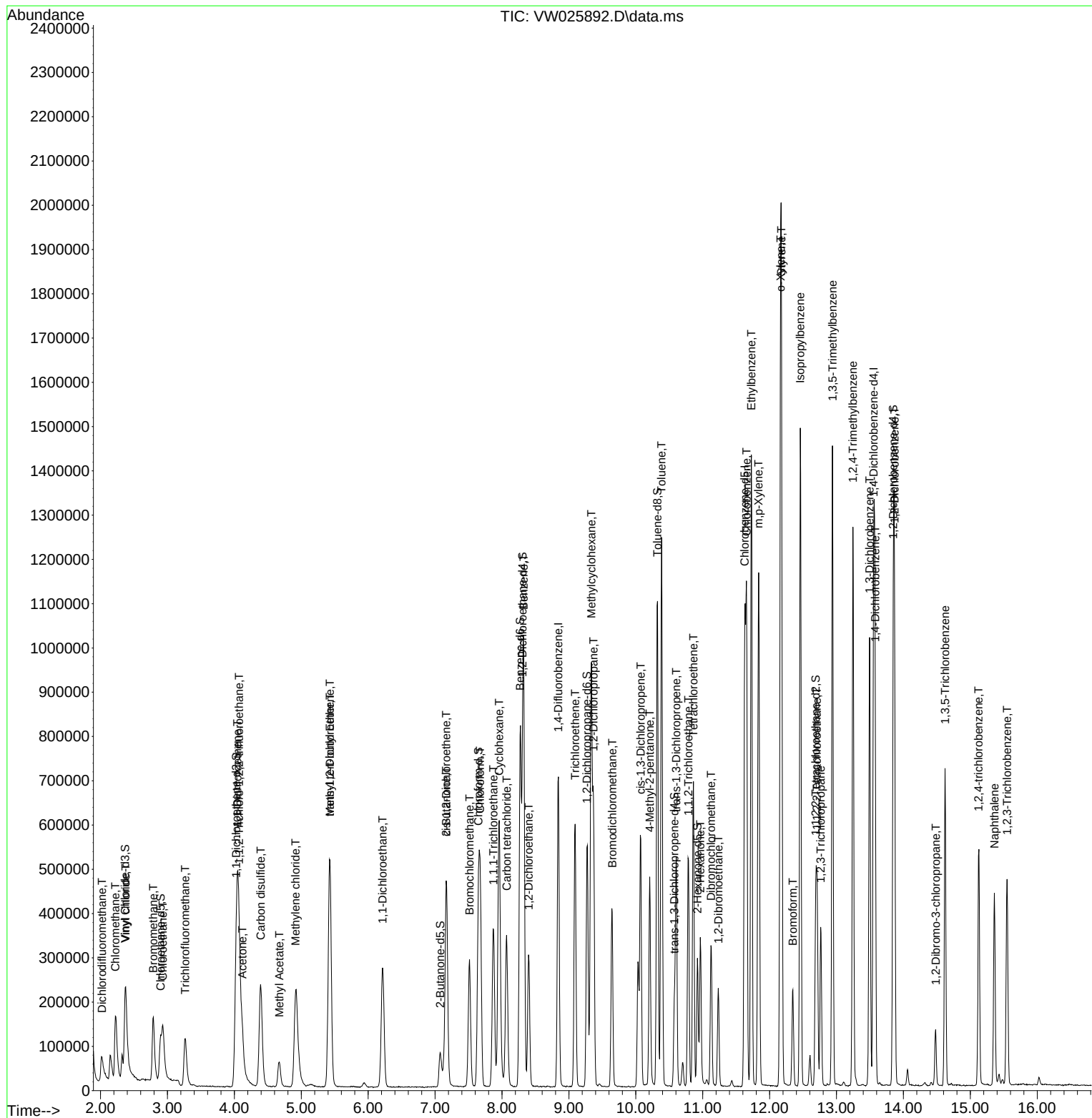
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	271674	24.721	ug/L	99
29) Cyclohexane	7.959	56	352818	22.006	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	288524	22.803	ug/L	99
31) Carbon tetrachloride	8.069	117	255429	22.432	ug/L	100
33) Benzene	8.325	78	859154	24.002	ug/L	100
34) Trichloroethene	9.093	95	212727	23.160	ug/L	97
35) Methylcyclohexane	9.337	83	361583	22.134	ug/L	99
37) 1,2-Dichloropropane	9.368	63	236422	24.108	ug/L	99
38) Bromodichloromethane	9.648	83	269068	23.915	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	329688	22.924	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	327062	51.237	ug/L	99
42) Toluene	10.386	91	871911	23.840	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	274287	23.017	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	162118	24.713	ug/L	95
46) Tetrachloroethene	10.861	164	147829	22.877	ug/L	91
48) 2-Hexanone	10.965	43	220207	48.155	ug/L	98
49) Dibromochloromethane	11.123	129	160266	23.598	ug/L	94
50) 1,2-Dibromoethane	11.233	107	146054	24.151	ug/L	100
51) Chlorobenzene	11.654	112	532139	23.486	ug/L	98
52) Ethylbenzene	11.727	91	957677	23.278	ug/L	100
53) m,p-Xylene	11.837	106	356146	23.521	ug/L	91
54) o-Xylene	12.166	106	339926	23.818	ug/L	92
55) Styrene	12.178	104	581535	23.806	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	203905	24.911	ug/L #	97
59) Bromoform	12.349	173	94796	26.335	ug/L	99
60) Isopropylbenzene	12.458	105	909736	24.627	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	150059	26.127	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	719562	24.593	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	650741	24.102	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	382147	24.031	ug/L	97
65) 1,4-Dichlorobenzene	13.580	146	368021	22.907	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	353230	24.907	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	32607	24.483	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	199129	18.865	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	153198	17.324	ug/L	94
71) Naphthalene	15.360	128	343889	20.603	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	152772	19.470	ug/L	95

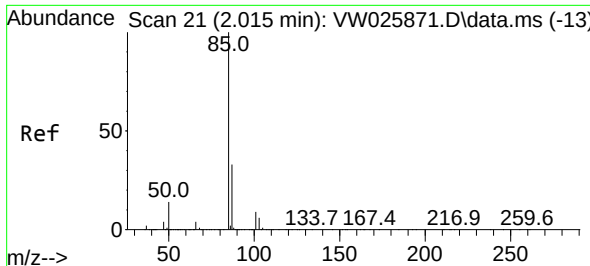
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025892.D
 Acq On : 08 May 2023 20:04
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 09 03:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

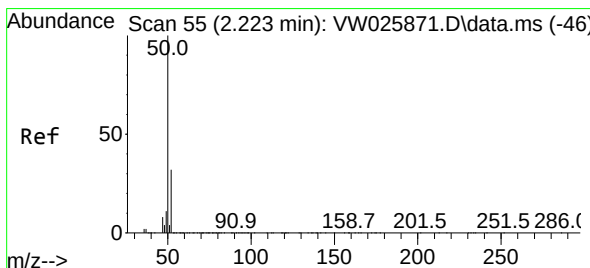
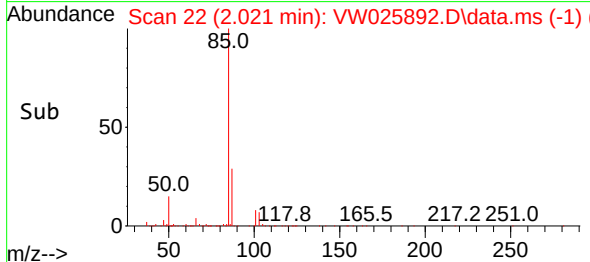
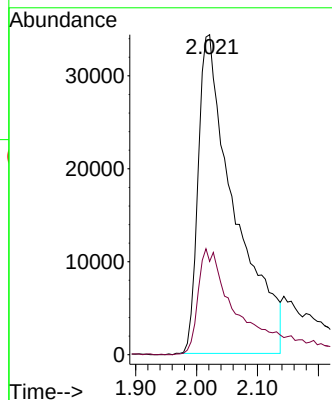
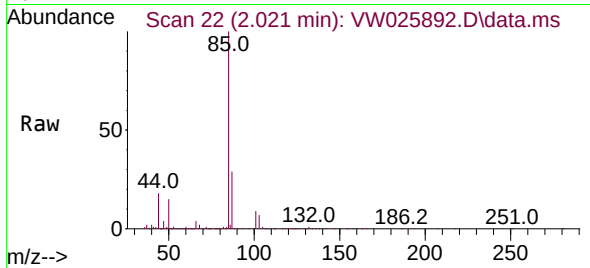




#2
Dichlorodifluoromethane
Concen: 22.697 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

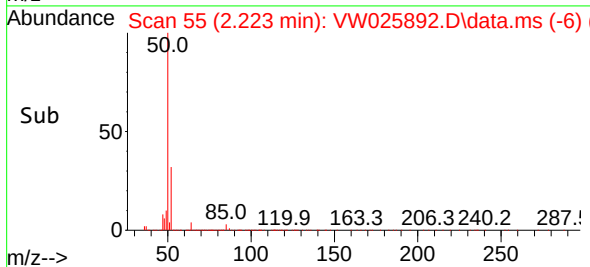
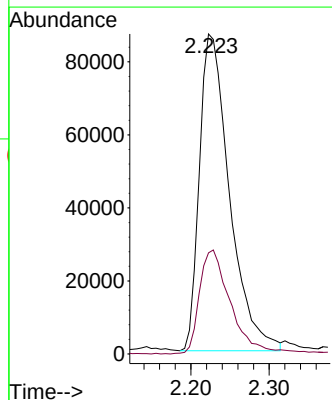
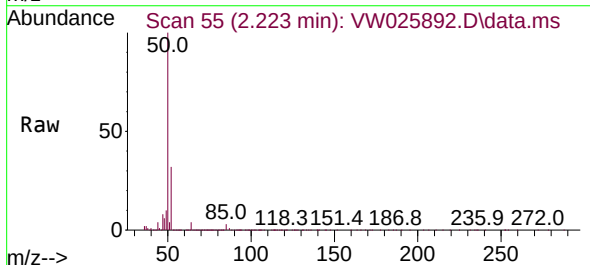
Instrument :
MSVOA_W
ClientSampleId :

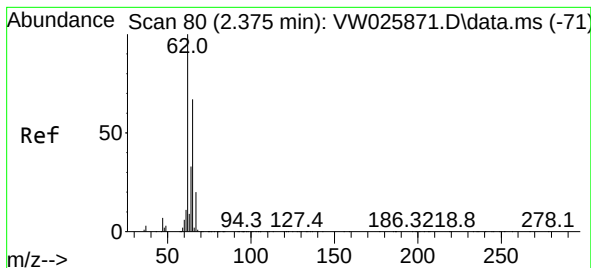
Tgt Ion: 85 Resp: 142424
Ion Ratio Lower Upper
85 100
87 32.3 24.7 37.1



#3
Chloromethane
Concen: 25.084 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 50 Resp: 232079
Ion Ratio Lower Upper
50 100
52 31.6 22.1 41.1





#5

Vinyl chloride

Concen: 21.809 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

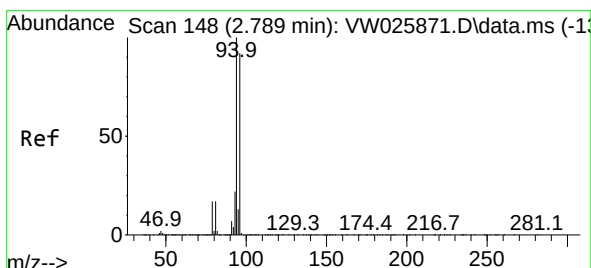
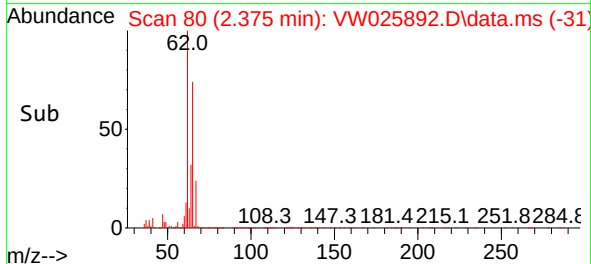
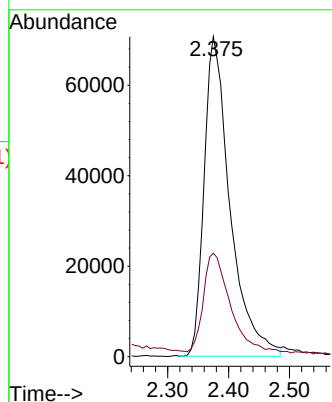
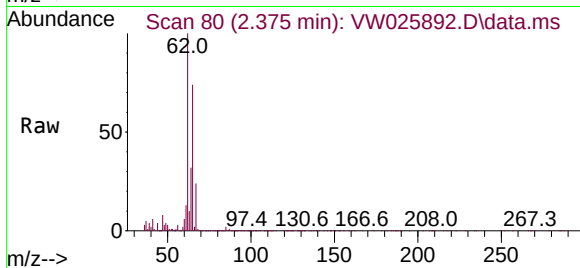
ClientSampleId :

Tgt Ion: 62 Resp: 208851

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.3



#6

Bromomethane

Concen: 24.981 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW025892.D

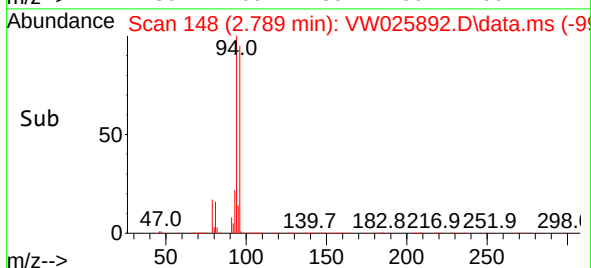
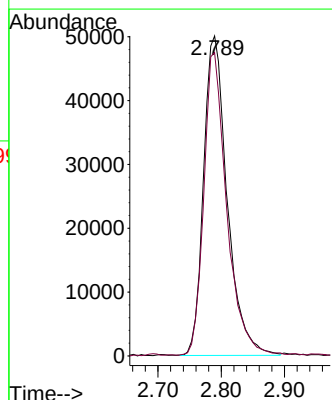
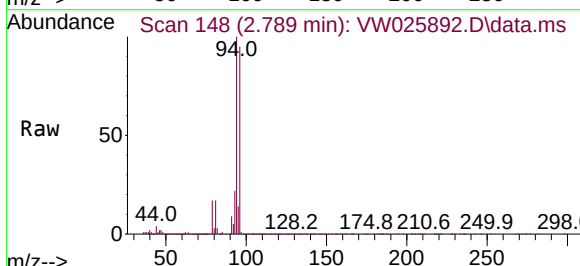
Acq: 08 May 2023 20:04

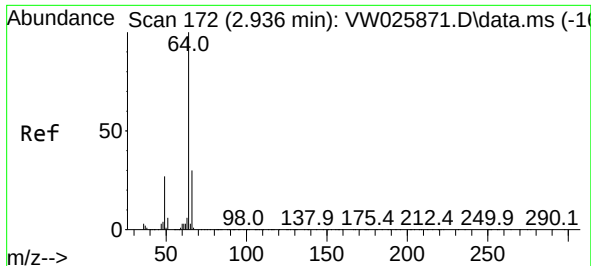
Tgt Ion: 94 Resp: 130115

Ion Ratio Lower Upper

94 100

96 94.8 63.1 117.1

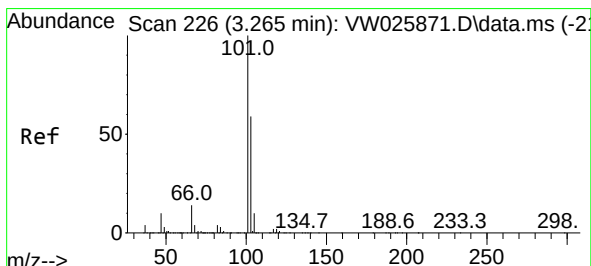
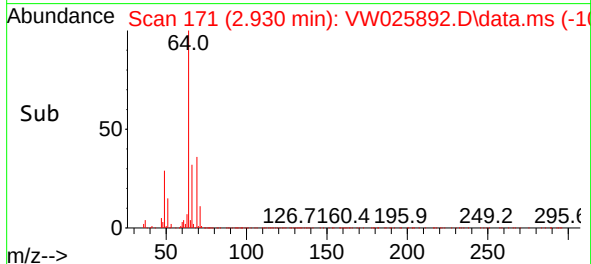
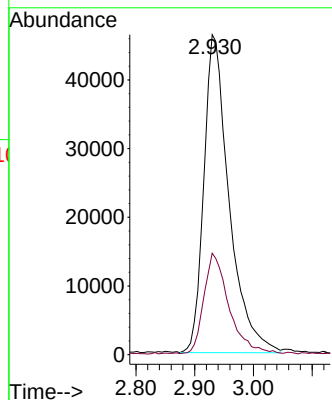
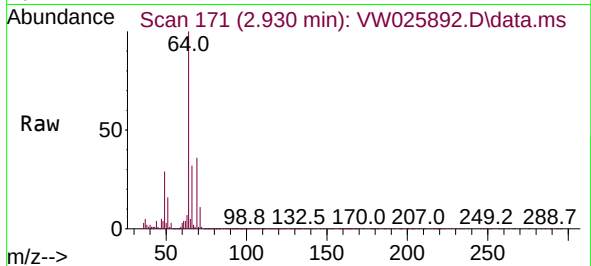




#8
Chloroethane
Concen: 25.436 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

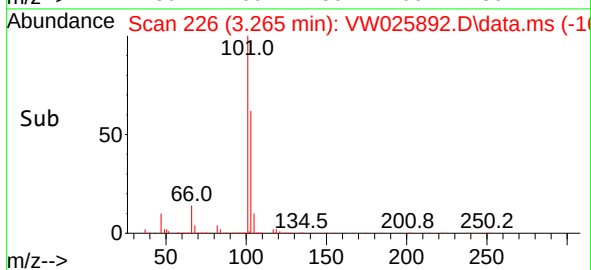
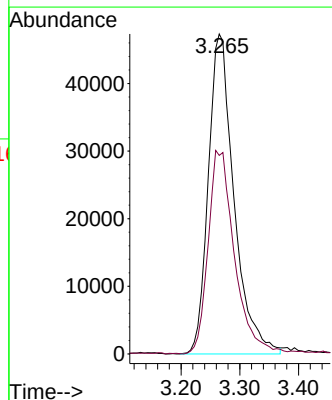
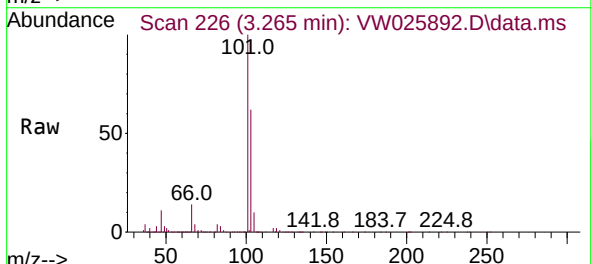
Instrument :
MSVOA_W
ClientSampleId :

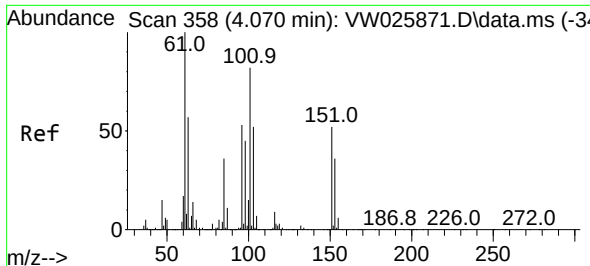
Tgt Ion: 64 Resp: 138510
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 19.870 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion:101 Resp: 143605
Ion Ratio Lower Upper
101 100
103 64.8 50.6 76.0

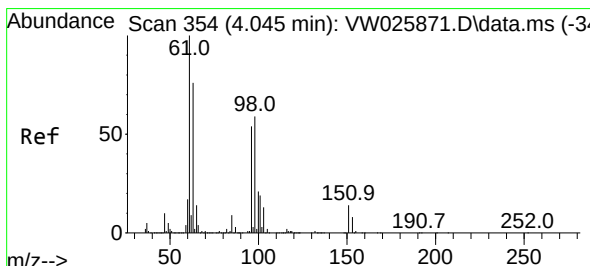
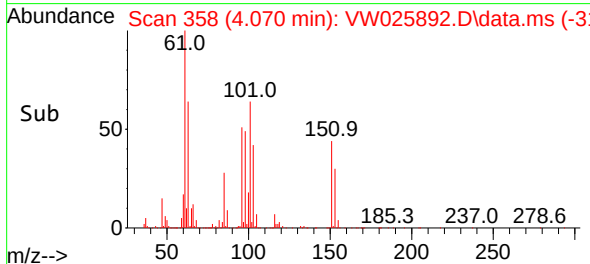
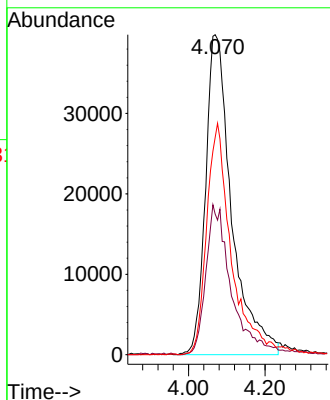
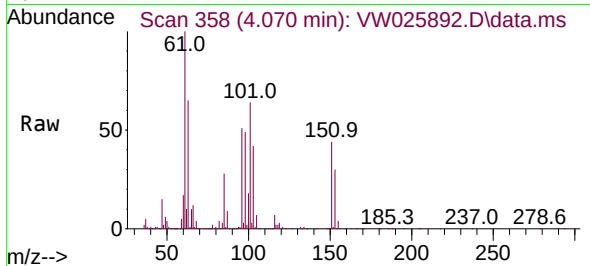




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.009 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW025892.D
 Acq: 08 May 2023 20:04

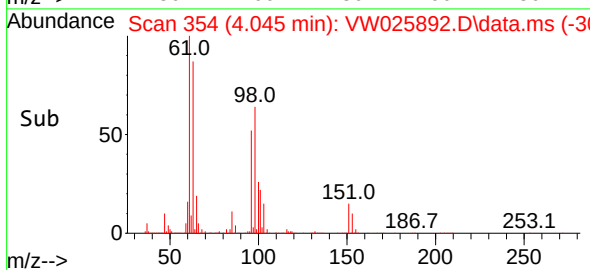
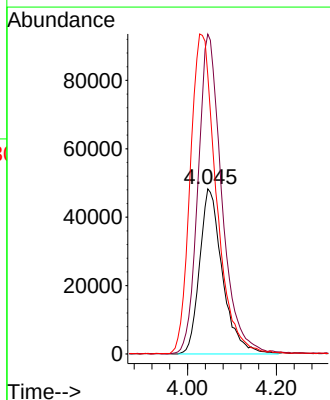
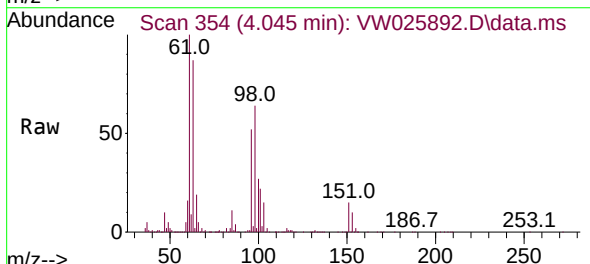
Instrument :
 MSVOA_W
 ClientSampled :

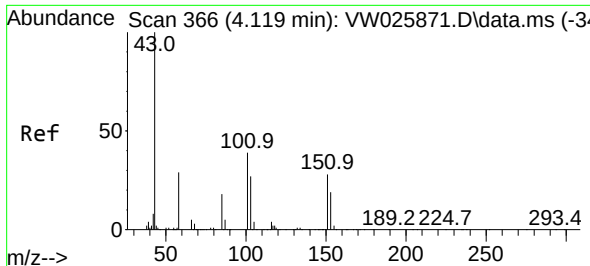
Tgt Ion:101 Resp: 188710
 Ion Ratio Lower Upper
 101 100
 85 21.5 33.9 50.9#
 151 66.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.987 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025892.D
 Acq: 08 May 2023 20:04

Tgt Ion: 96 Resp: 172668
 Ion Ratio Lower Upper
 96 100
 61 193.6 135.0 250.8
 63 168.7 104.9 194.7

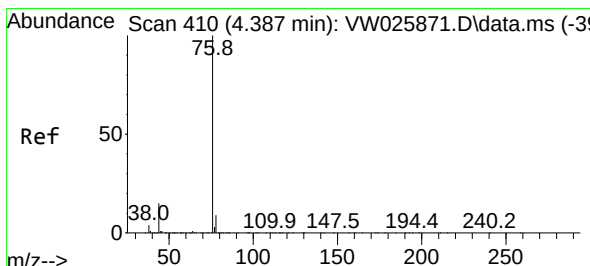
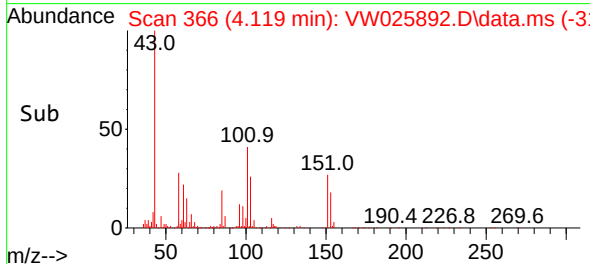
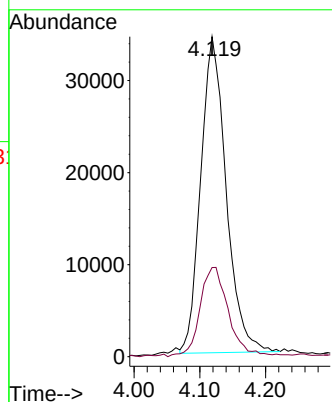
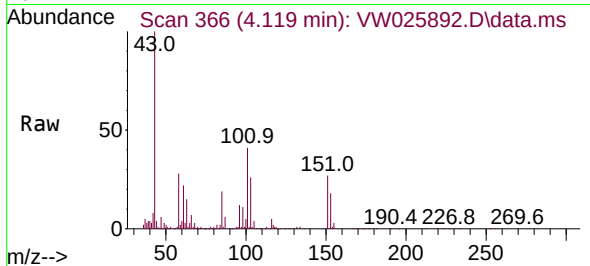




#13
Acetone
Concen: 39.581 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

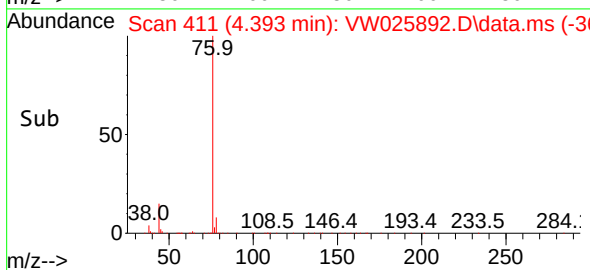
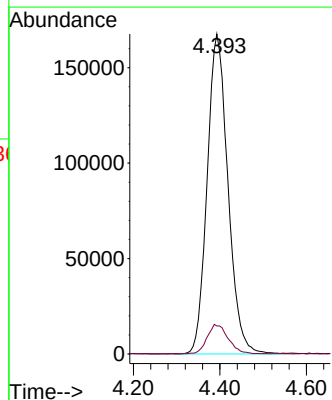
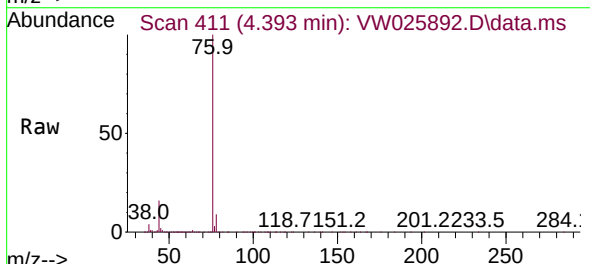
Instrument :
MSVOA_W
ClientSampled :

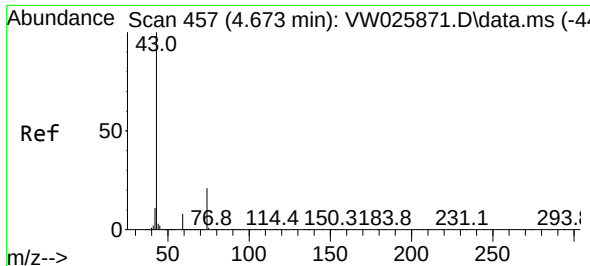
Tgt Ion: 43 Resp: 92347
Ion Ratio Lower Upper
43 100
58 30.7 0.0 58.2



#14
Carbon disulfide
Concen: 22.035 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 76 Resp: 559761
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

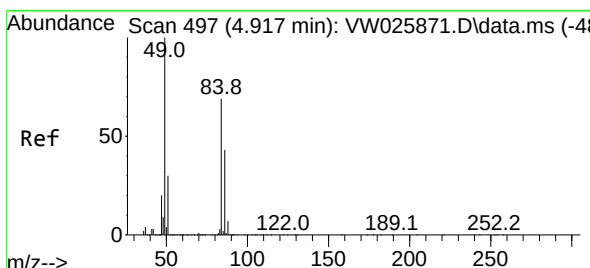
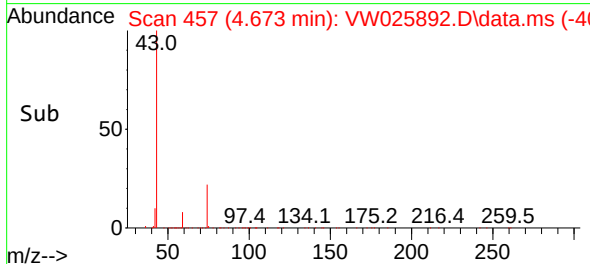
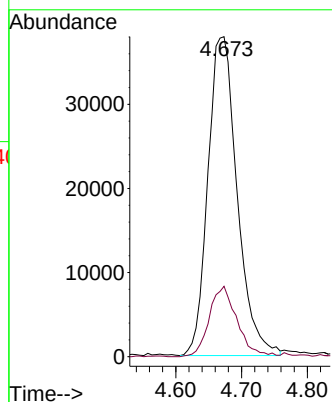
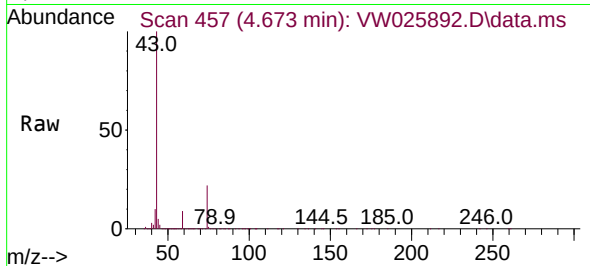




#15
Methyl Acetate
Concen: 25.537 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

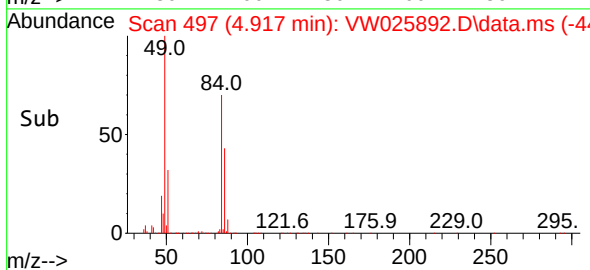
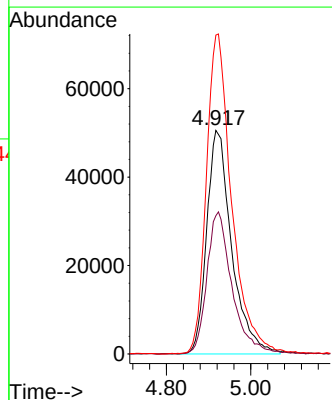
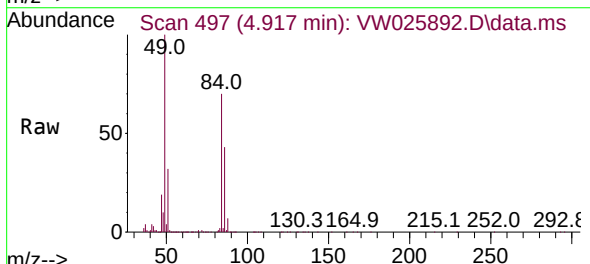
Instrument :
MSVOA_W
ClientSampleId :

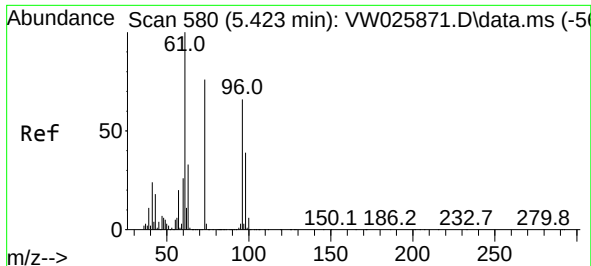
Tgt Ion: 43 Resp: 117412
Ion Ratio Lower Upper
43 100
74 20.7 16.5 24.7



#16
Methylene chloride
Concen: 17.978 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 84 Resp: 208239
Ion Ratio Lower Upper
84 100
86 61.9 41.7 77.5
49 142.6 95.3 177.1

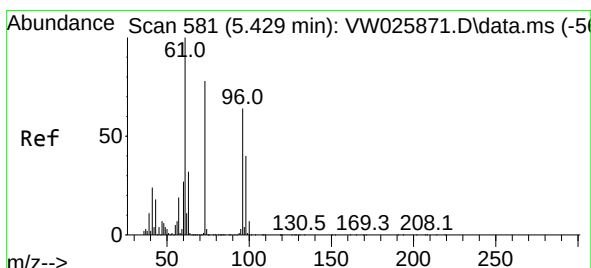
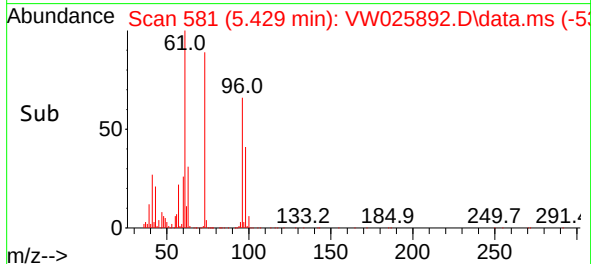
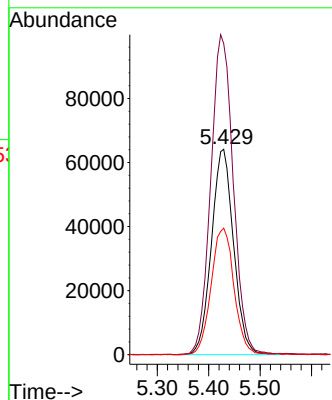
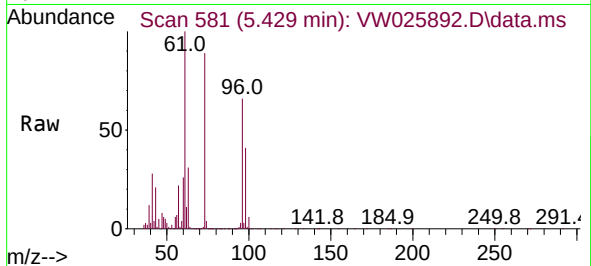




#17
trans-1,2-Dichloroethene
Concen: 23.467 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

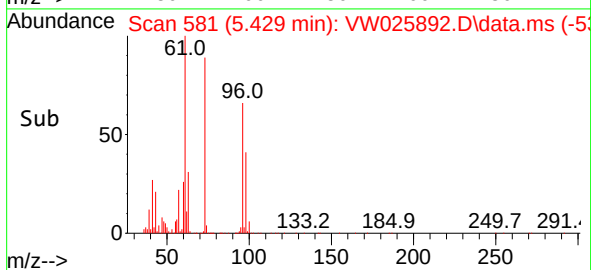
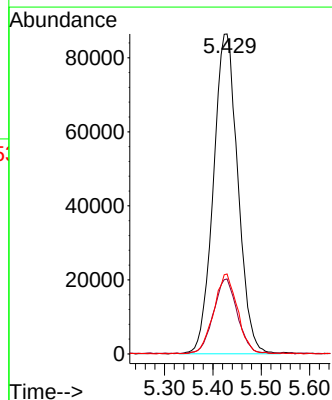
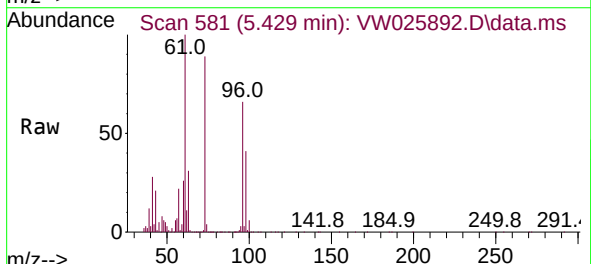
Instrument :
MSVOA_W
ClientSampleId :

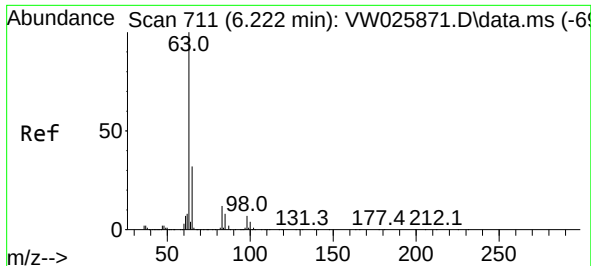
Tgt Ion: 96 Resp: 192304
Ion Ratio Lower Upper
96 100
61 151.4 108.1 200.9
98 61.6 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.406 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 73 Resp: 303552
Ion Ratio Lower Upper
73 100
43 22.7 18.2 27.4
57 24.1 19.2 28.8





#19

1,1-Dichloroethane

Concen: 24.126 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

ClientSampleId :

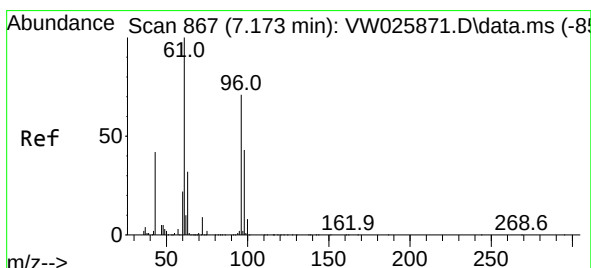
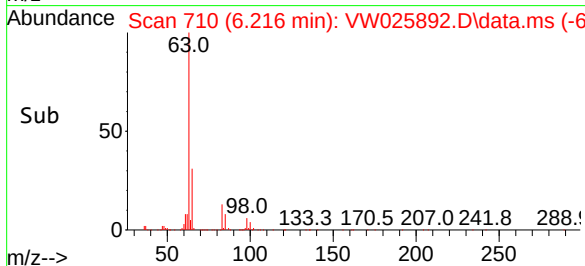
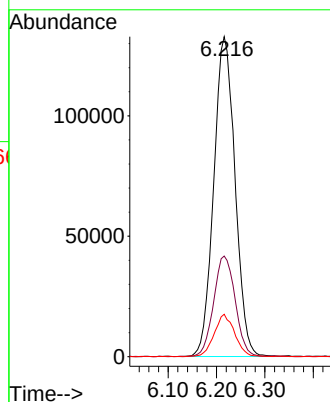
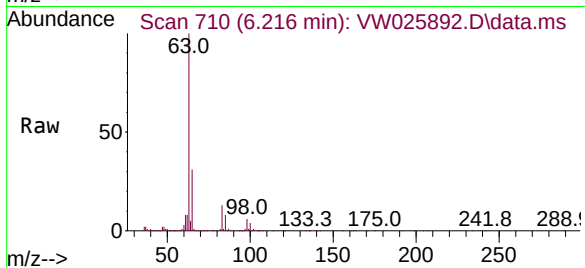
Tgt Ion: 63 Resp: 406196

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 13.3 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.018 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

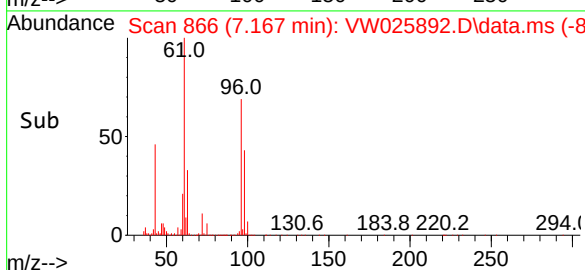
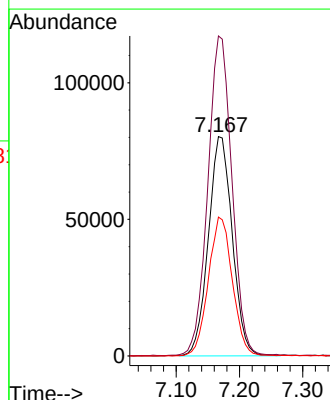
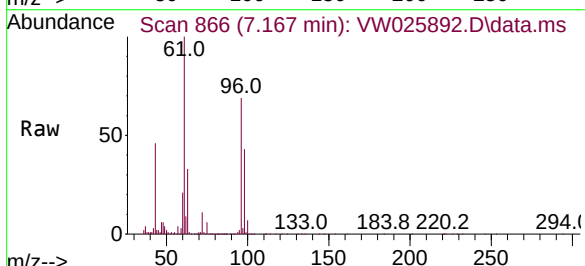
Tgt Ion: 96 Resp: 211158

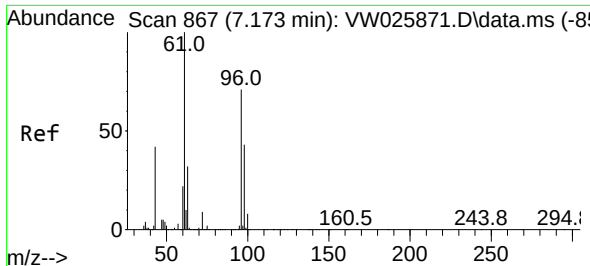
Ion Ratio Lower Upper

96 100

61 145.8 98.6 183.0

98 63.3 45.2 84.0

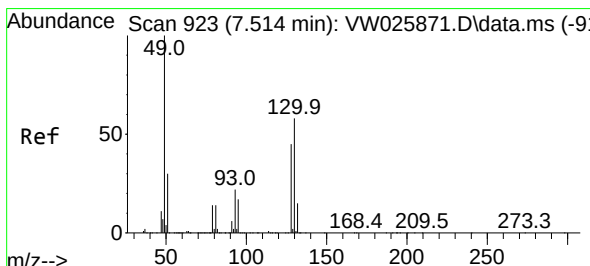
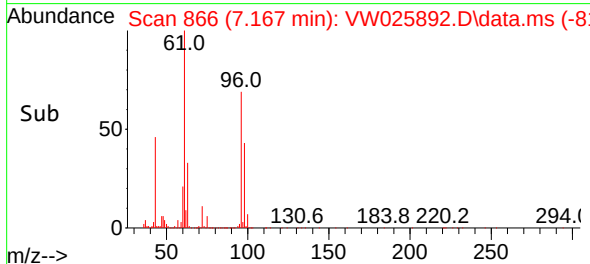
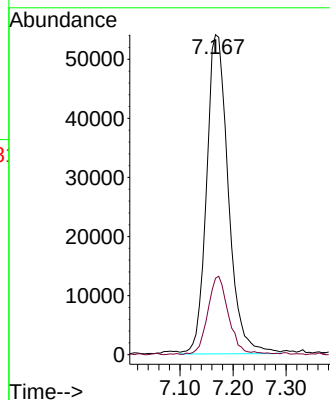
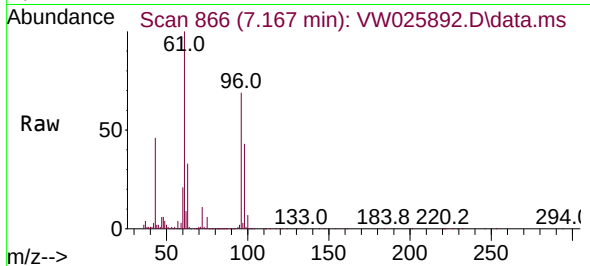




#22
2-Butanone
Concen: 47.953 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

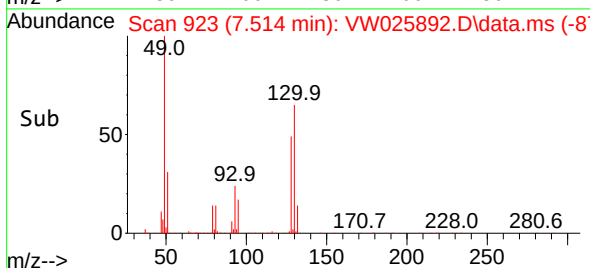
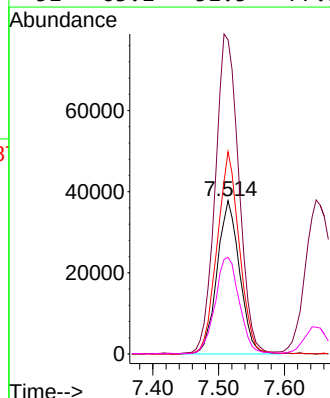
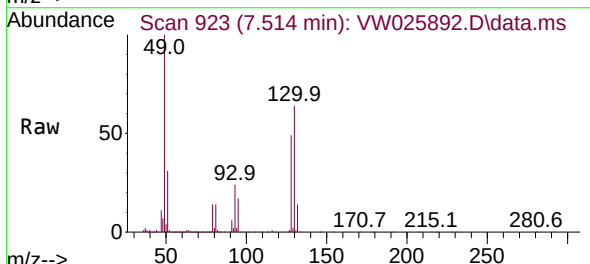
Instrument :
MSVOA_W
ClientSampleId :

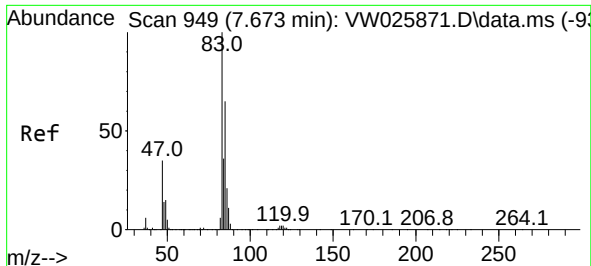
Tgt Ion: 43 Resp: 154484
Ion Ratio Lower Upper
43 100
72 22.9 11.8 35.4



#23
Bromochloromethane
Concen: 24.164 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 128 Resp: 89998
Ion Ratio Lower Upper
128 100
49 205.0 151.5 281.5
130 131.9 91.3 169.6
51 63.1 51.5 77.3

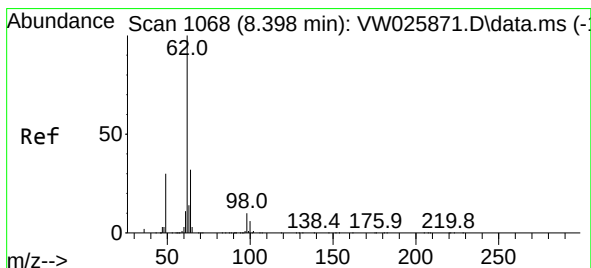
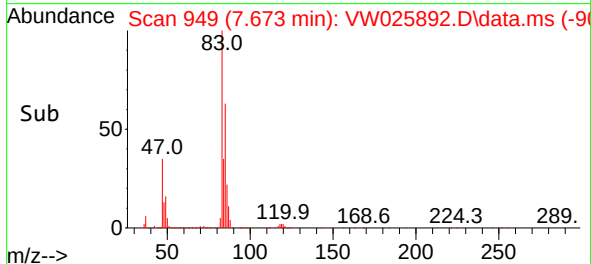
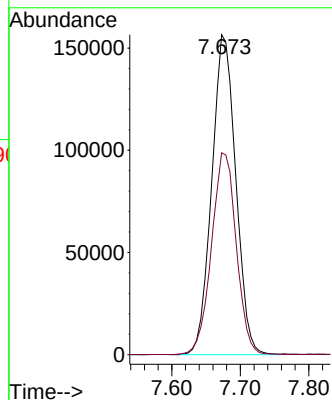
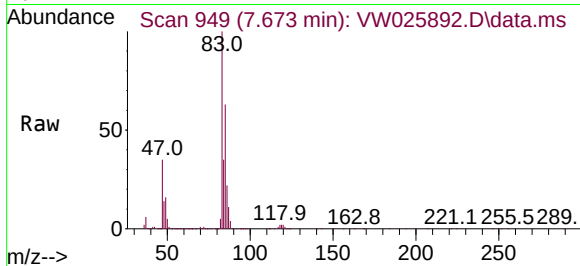




#25
Chloroform
Concen: 24.629 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

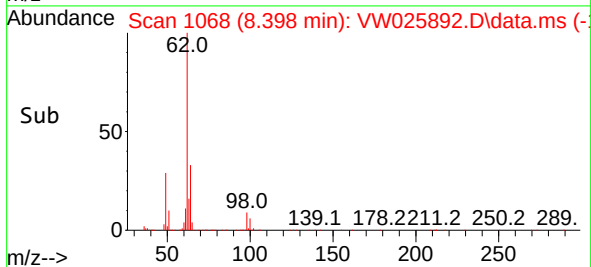
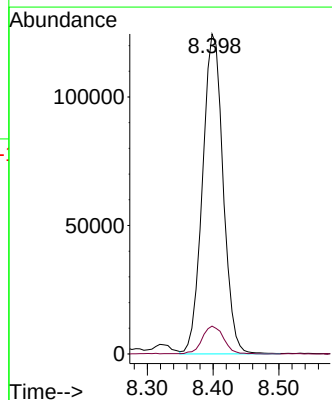
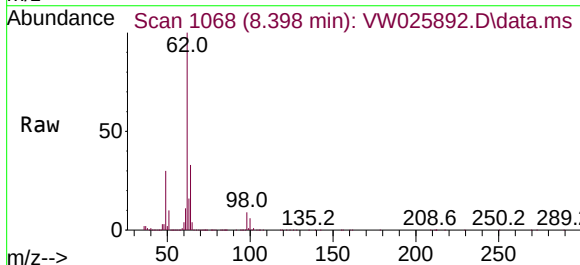
Instrument :
MSVOA_W
ClientSampleId :

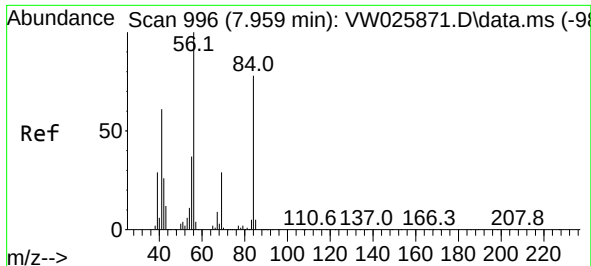
Tgt Ion: 83 Resp: 381108
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.721 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

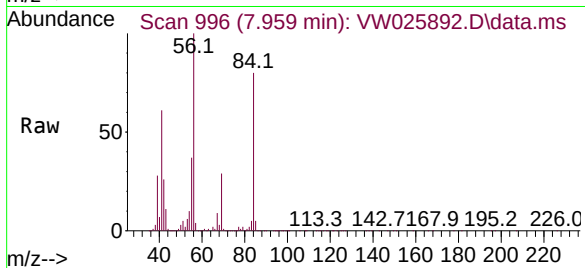
Tgt Ion: 62 Resp: 271674
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8



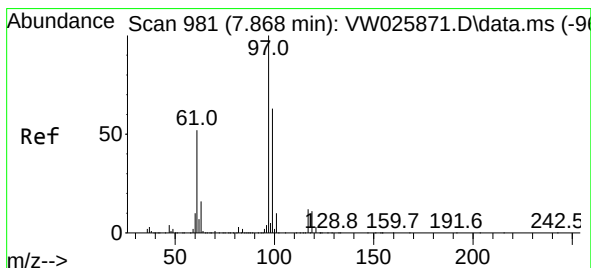
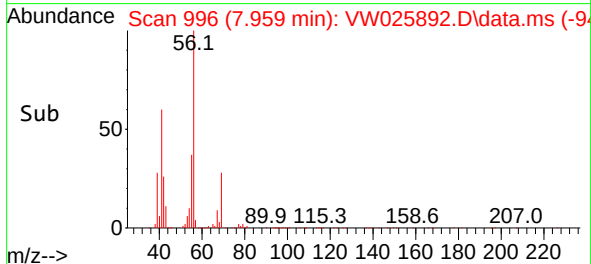
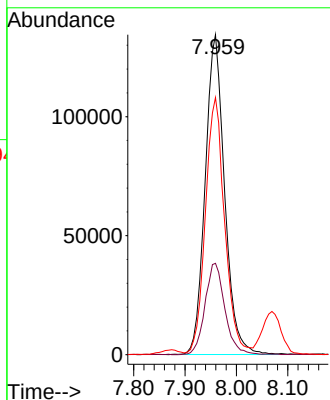


#29
Cyclohexane
Concen: 22.006 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Instrument :
MSVOA_W
ClientSampleId :

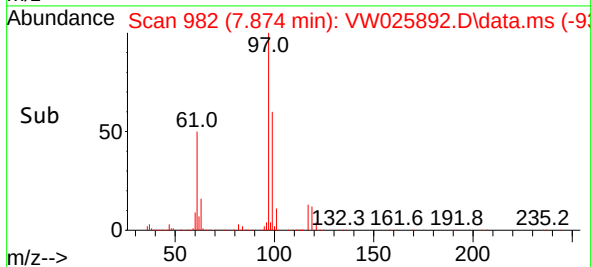
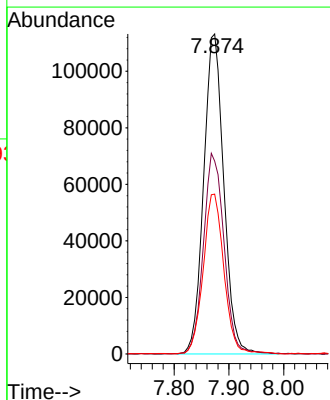
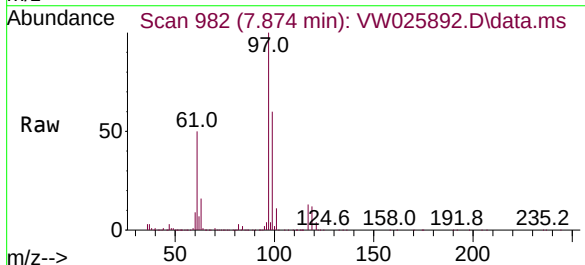


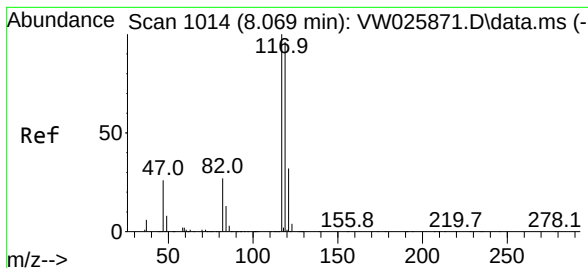
Tgt Ion: 56 Resp: 352818
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.0
84 79.8 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 22.803 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 97 Resp: 288524
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 51.6 40.4 60.6

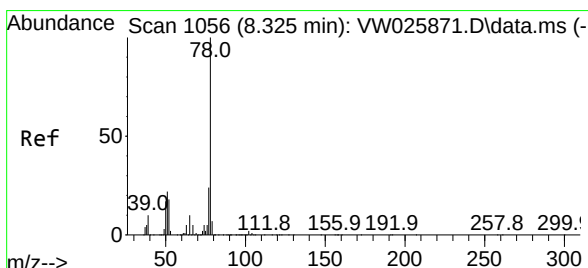
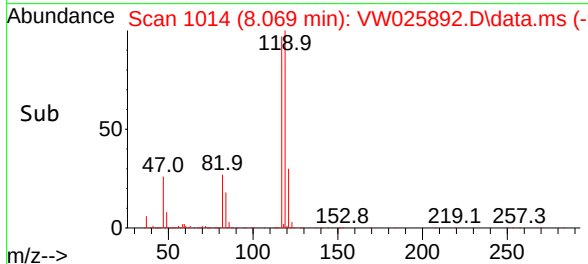
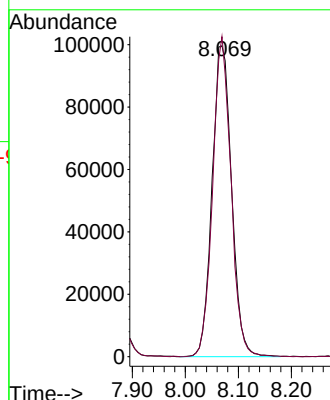
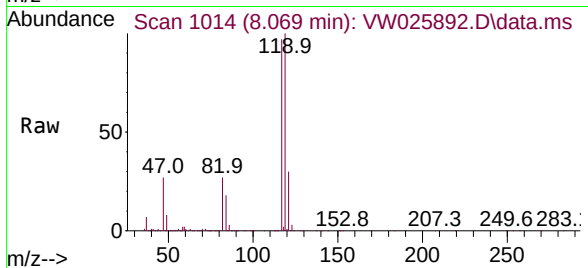




#31
Carbon tetrachloride
Concen: 22.432 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

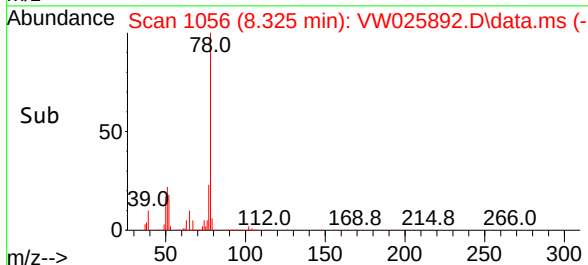
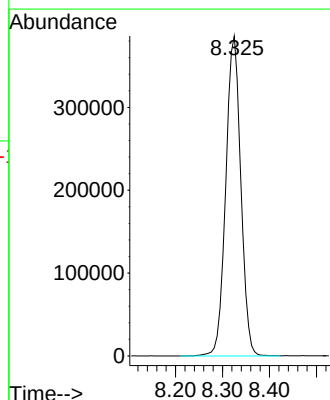
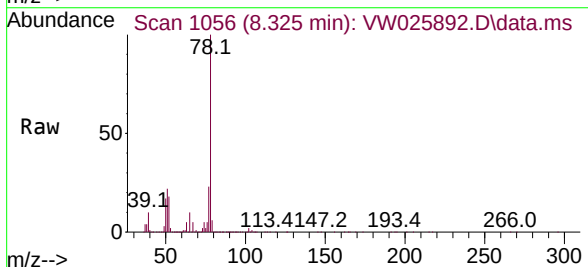
Instrument :
MSVOA_W
ClientSampleId :

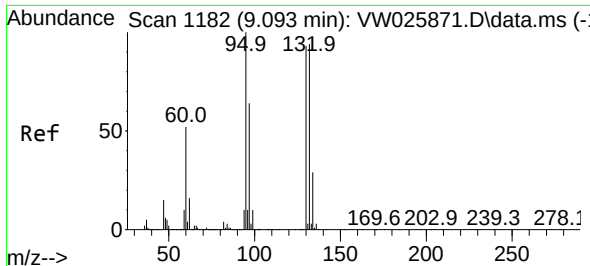
Tgt Ion:117 Resp: 255429
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 24.002 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

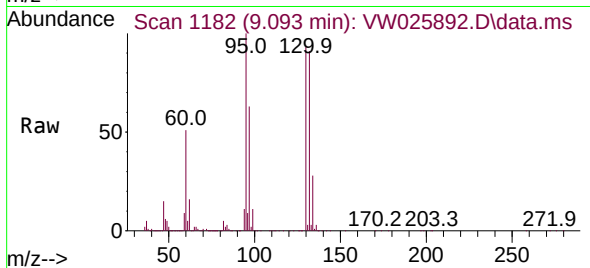
Tgt Ion: 78 Resp: 859154



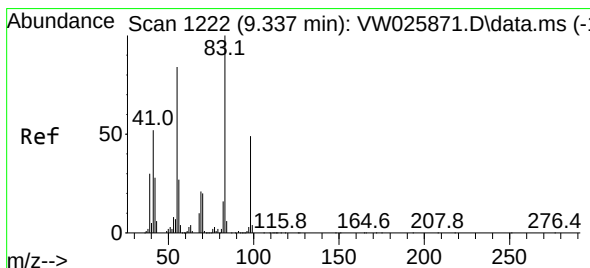
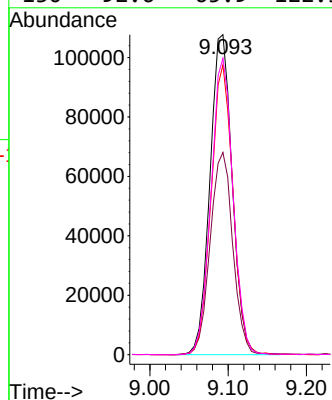
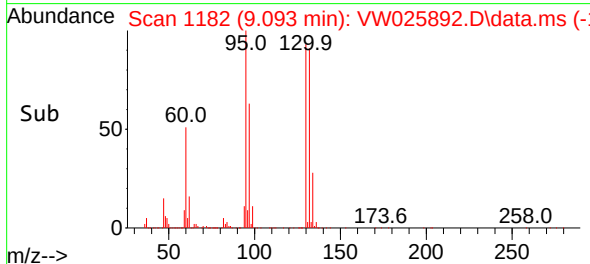


#34
Trichloroethene
Concen: 23.160 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

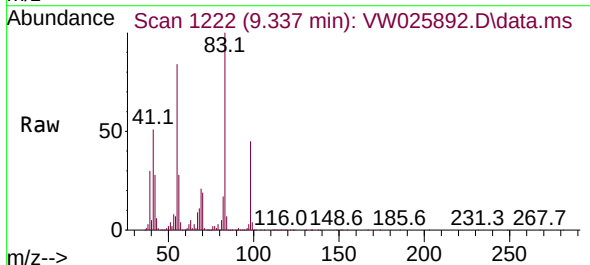
Instrument :
MSVOA_W
ClientSampleId :



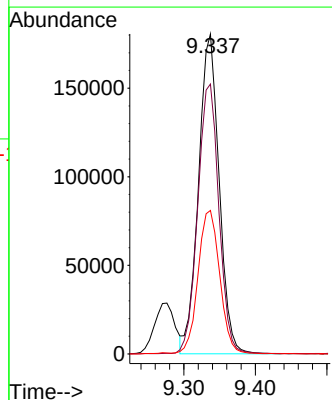
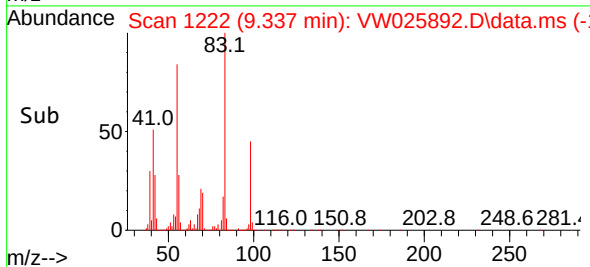
Tgt Ion: 95 Resp: 212727
Ion Ratio Lower Upper
95 100
97 63.2 45.9 85.3
132 90.6 66.0 122.6
130 92.6 65.9 122.3

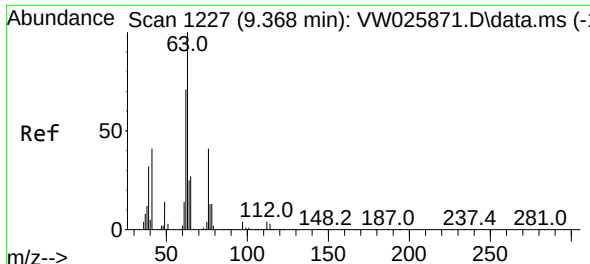


#35
Methylcyclohexane
Concen: 22.134 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04



Tgt Ion: 83 Resp: 361583
Ion Ratio Lower Upper
83 100
55 86.2 69.0 103.4
98 47.3 37.1 55.7





#37

1,2-Dichloropropane

Concen: 24.108 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

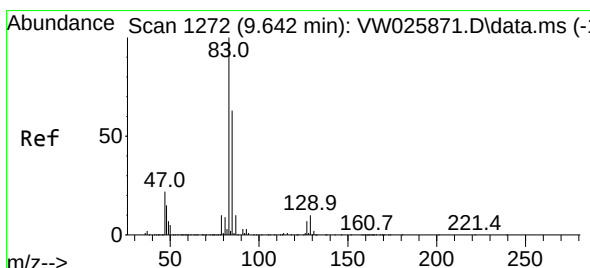
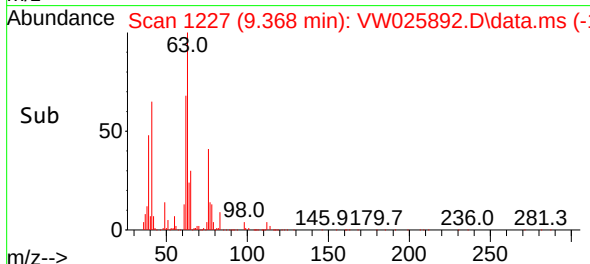
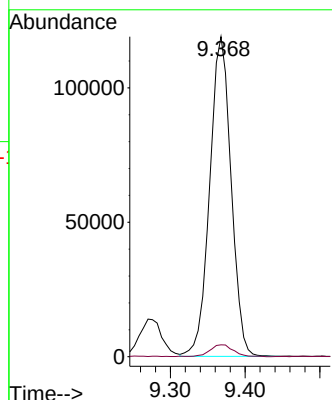
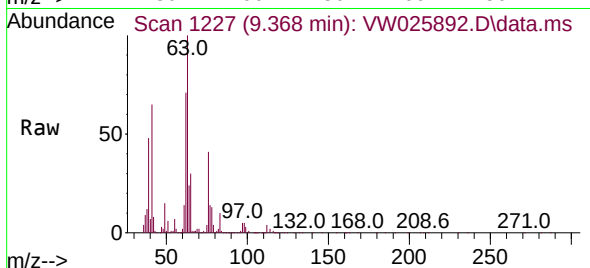
ClientSampleId :

Tgt Ion: 63 Resp: 236422

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 23.915 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

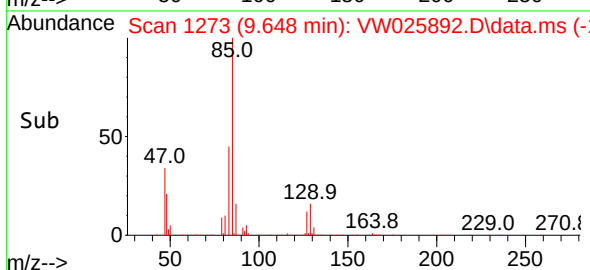
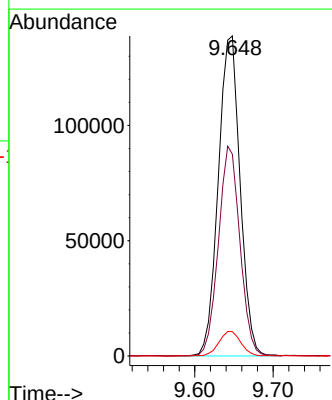
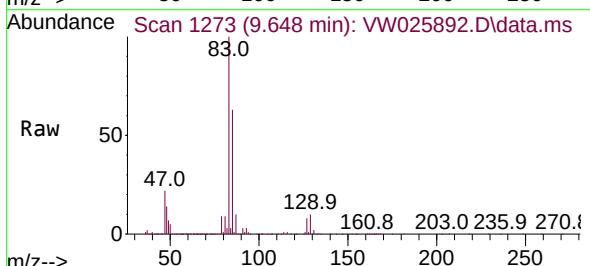
Tgt Ion: 83 Resp: 269068

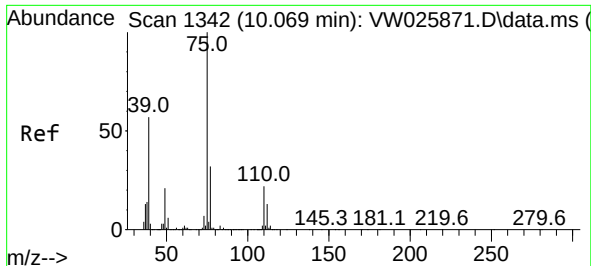
Ion Ratio Lower Upper

83 100

85 63.0 44.4 82.5

127 7.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 22.924 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

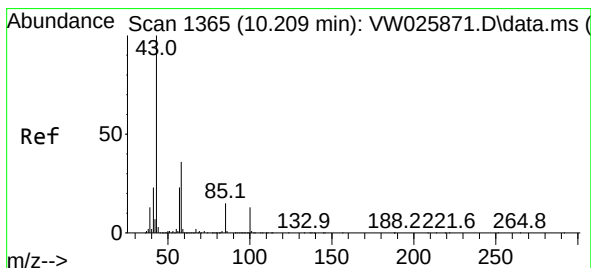
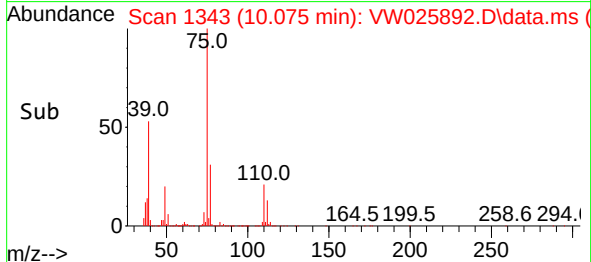
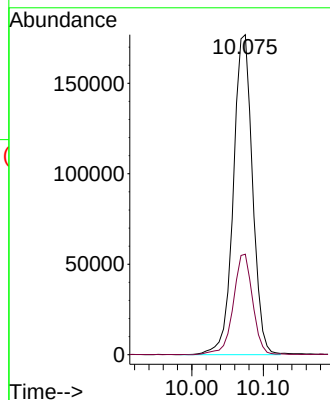
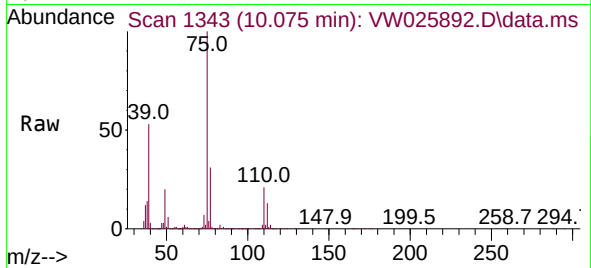
ClientSampleId :

Tgt Ion: 75 Resp: 329688

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 51.237 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

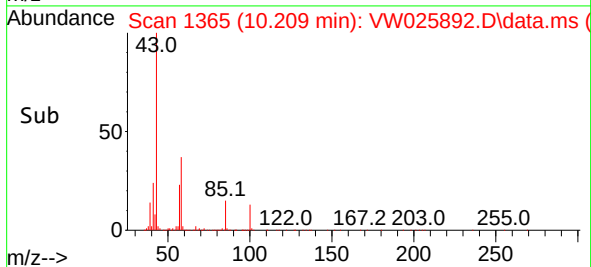
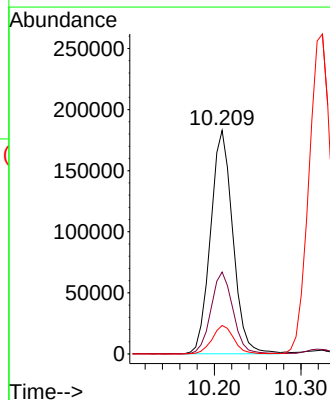
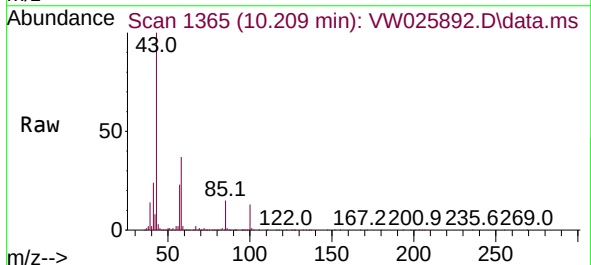
Tgt Ion: 43 Resp: 327062

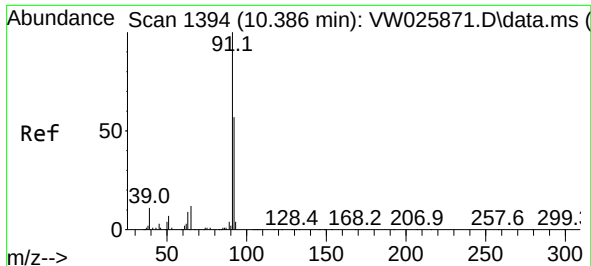
Ion Ratio Lower Upper

43 100

58 36.0 29.4 44.0

100 12.5 10.1 15.1

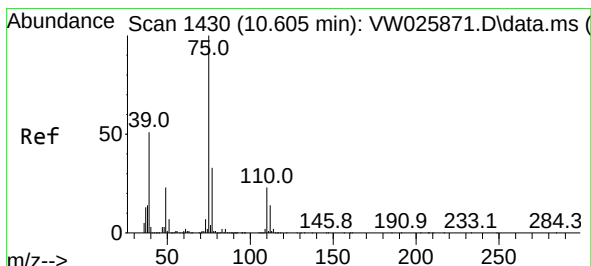
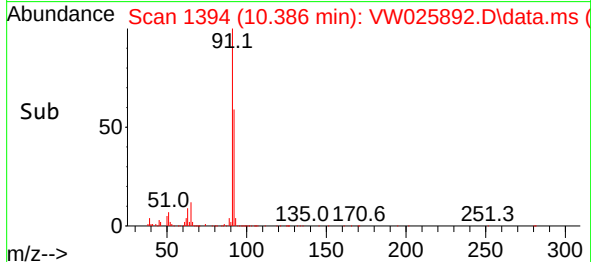
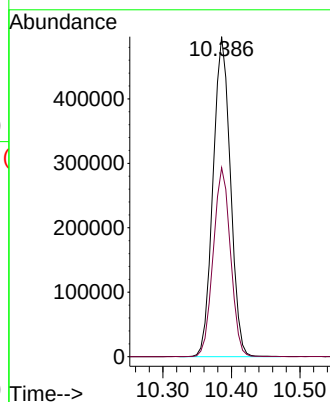
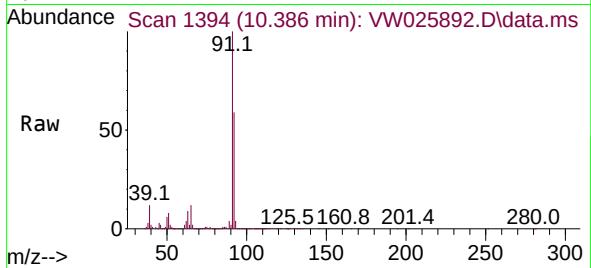




#42
Toluene
Concen: 23.840 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

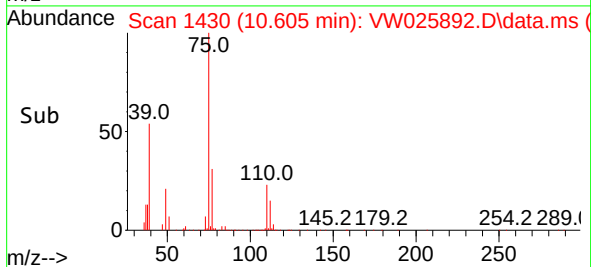
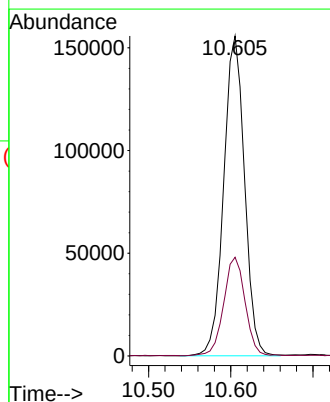
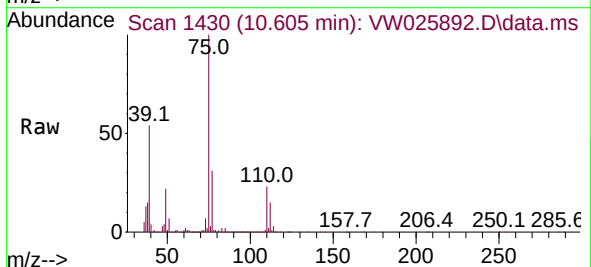
Instrument :
MSVOA_W
ClientSampleId :

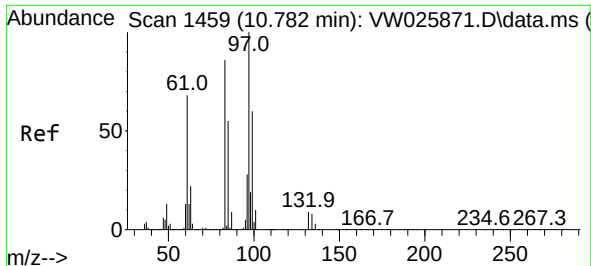
Tgt Ion: 91 Resp: 871911
Ion Ratio Lower Upper
91 100
92 59.1 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 23.017 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 75 Resp: 274287
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.4



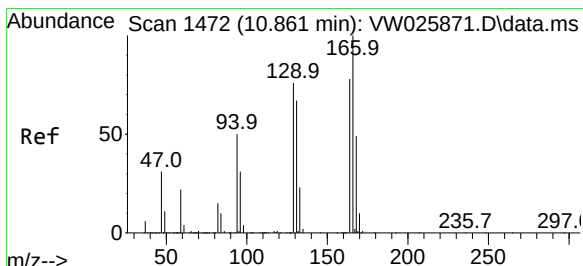
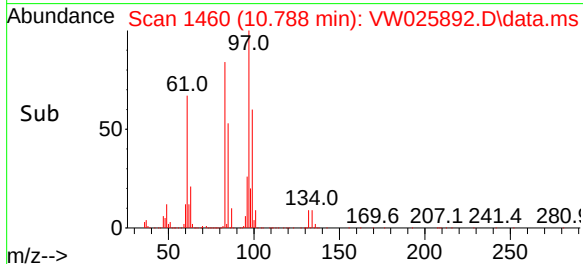
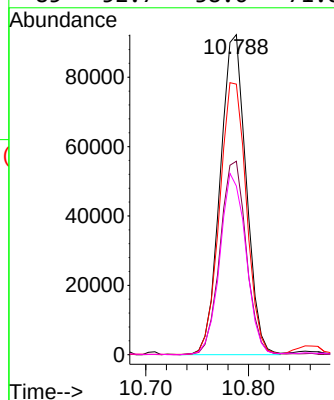
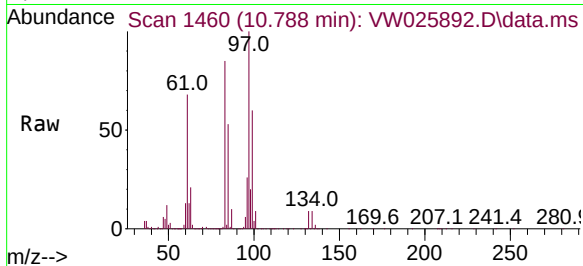


#45
1,1,2-Trichloroethane
Concen: 24.713 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 162118

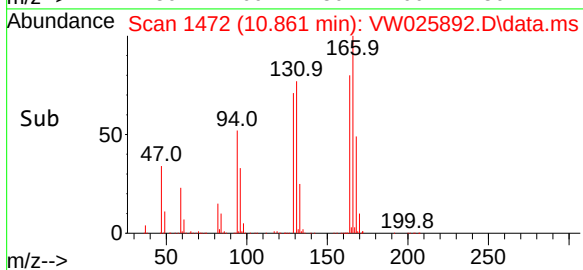
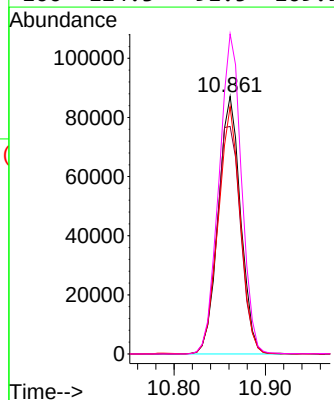
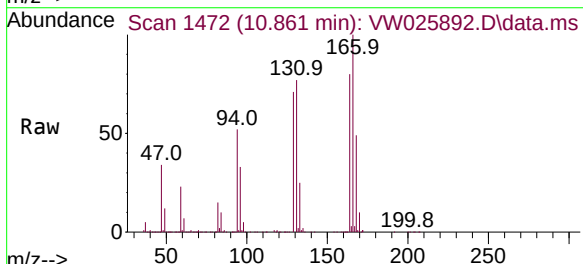
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.5	82.7
83	84.5	63.0	117.0
85	52.7	38.6	71.8

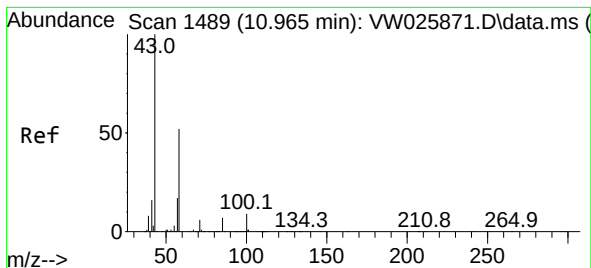


#46
Tetrachloroethene
Concen: 22.877 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 164 Resp: 147829

Ion	Ratio	Lower	Upper
164	100		
129	88.3	74.3	138.1
131	96.1	71.3	132.3
166	124.3	91.5	169.9





#48

2-Hexanone

Concen: 48.155 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 220207

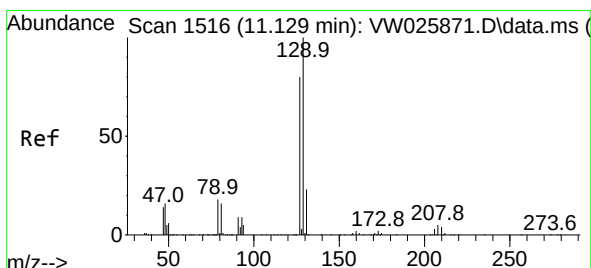
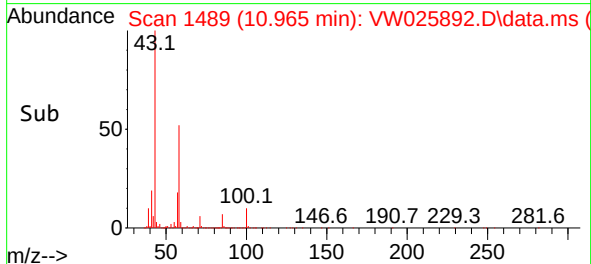
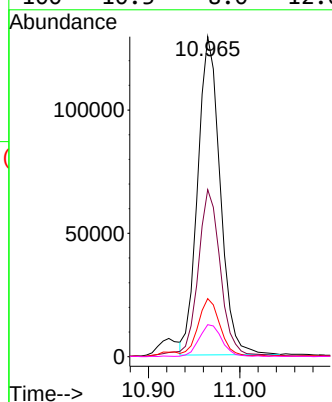
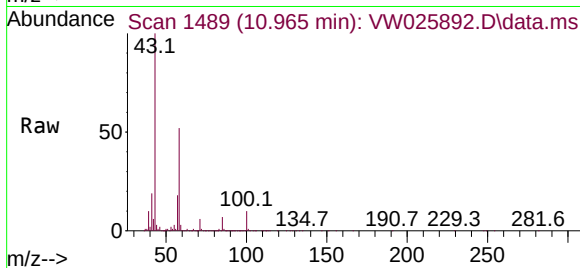
Ion Ratio Lower Upper

43 100

58 53.0 40.8 61.2

57 18.0 13.6 20.4

100 10.3 8.0 12.0



#49

Dibromochloromethane

Concen: 23.598 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW025892.D

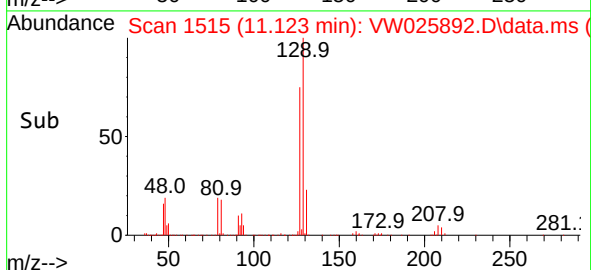
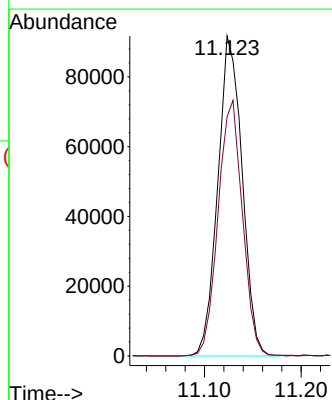
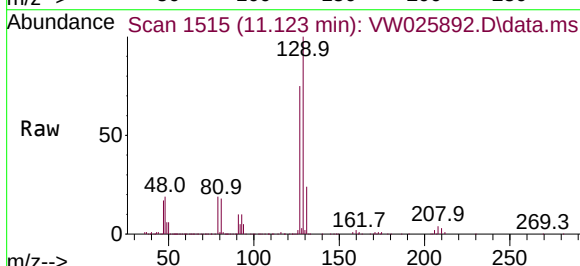
Acq: 08 May 2023 20:04

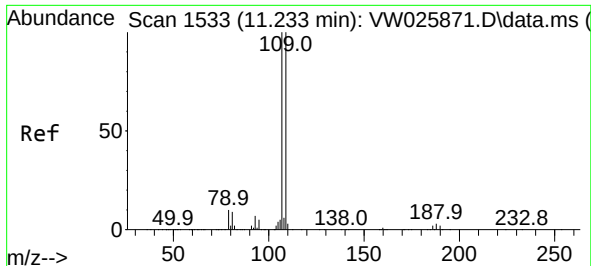
Tgt Ion:129 Resp: 160266

Ion Ratio Lower Upper

129 100

127 74.8 56.1 104.3

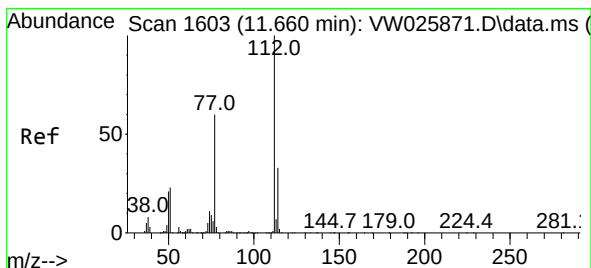
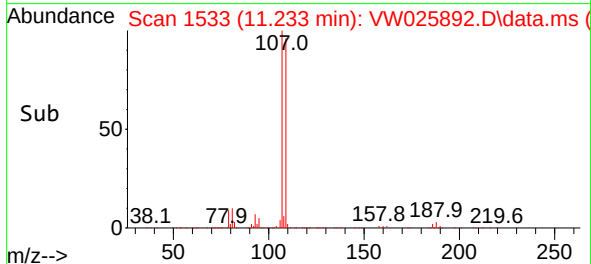
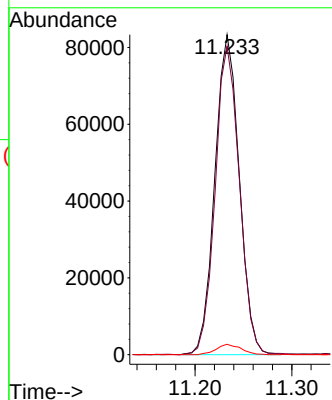
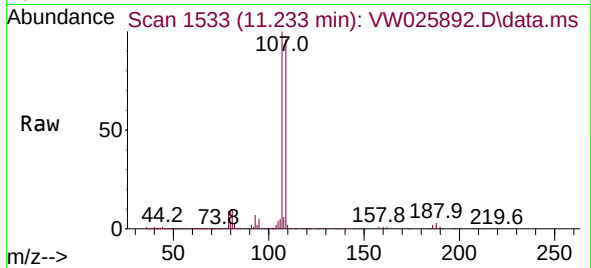




#50
1,2-Dibromoethane
Concen: 24.151 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

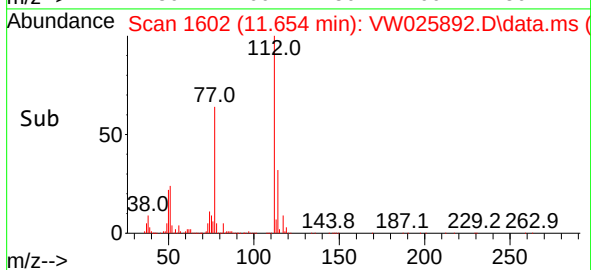
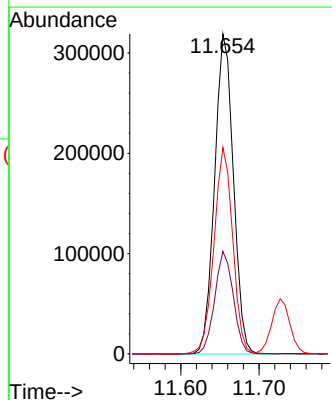
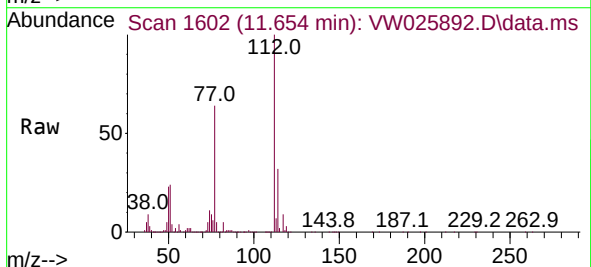
Instrument :
MSVOA_W
ClientSampleId :

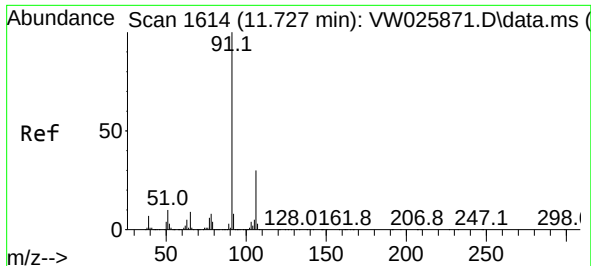
Tgt Ion:107 Resp: 146054
Ion Ratio Lower Upper
107 100
109 96.4 67.5 125.4
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 23.486 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion:112 Resp: 532139
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.3
77 64.5 53.0 79.6

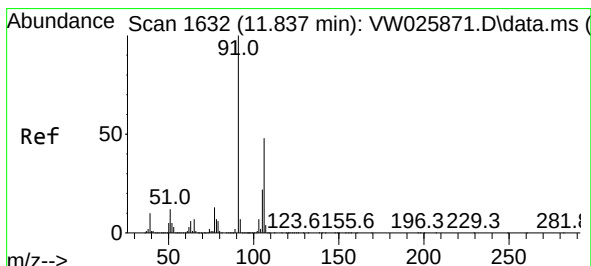
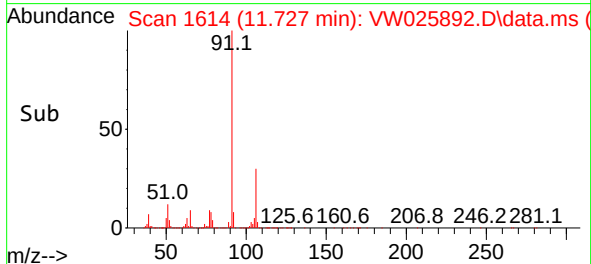
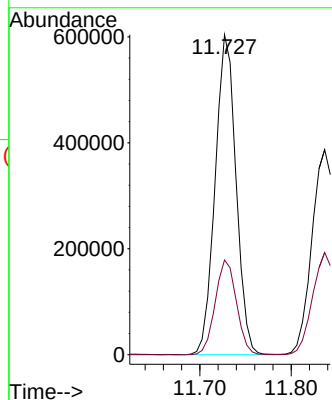
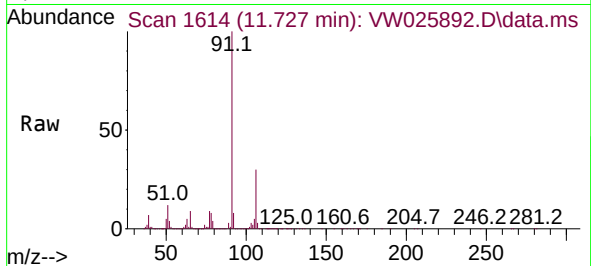




#52
Ethylbenzene
Concen: 23.278 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

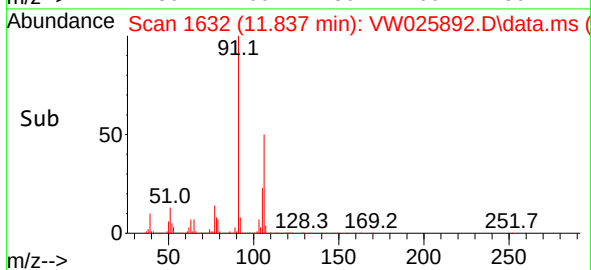
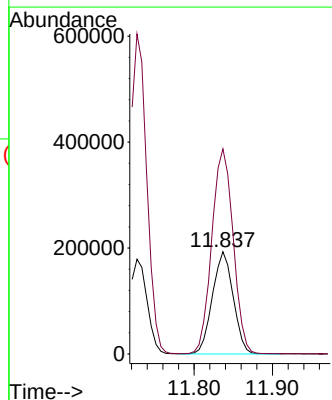
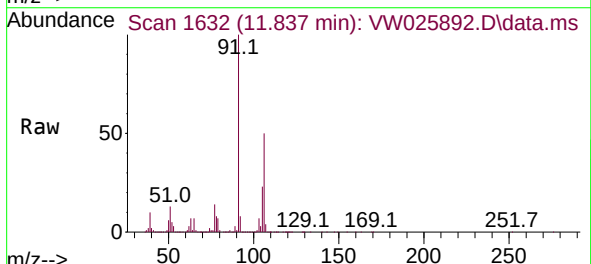
Instrument :
MSVOA_W
ClientSampleId :

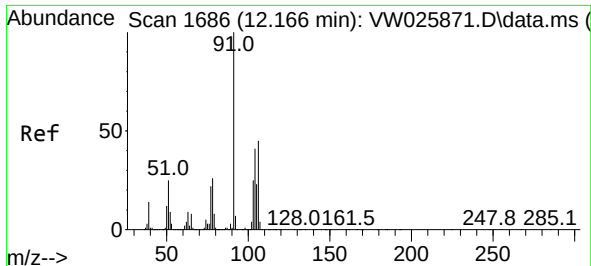
Tgt Ion: 91 Resp: 957677
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 23.521 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion: 106 Resp: 356146
Ion Ratio Lower Upper
106 100
91 200.6 150.1 278.9

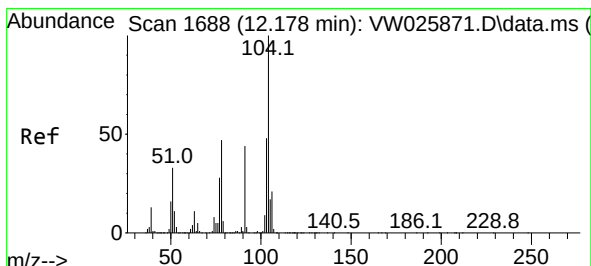
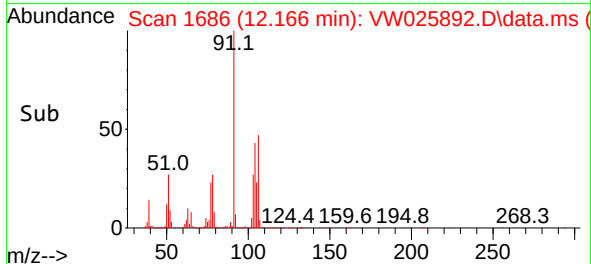
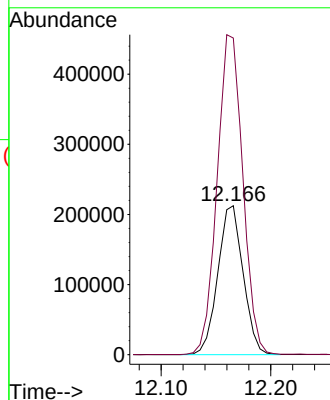
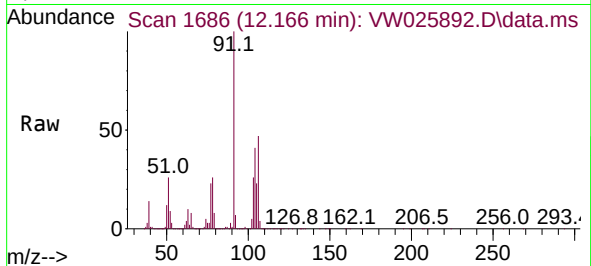




#54
o-Xylene
Concen: 23.818 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

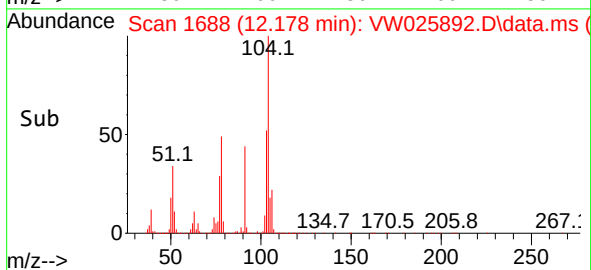
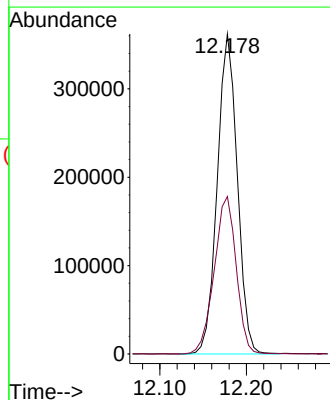
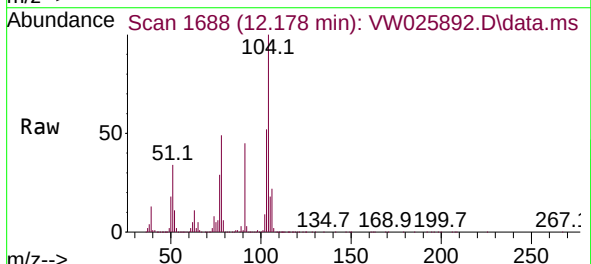
Instrument :
MSVOA_W
ClientSampleId :

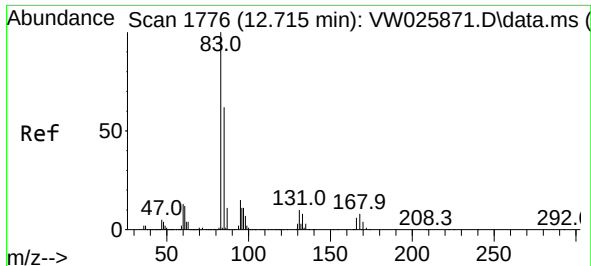
Tgt Ion:106 Resp: 339926
Ion Ratio Lower Upper
106 100
91 212.6 157.8 293.1



#55
Styrene
Concen: 23.806 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion:104 Resp: 581535
Ion Ratio Lower Upper
104 100
78 49.2 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.911 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

ClientSampleId :

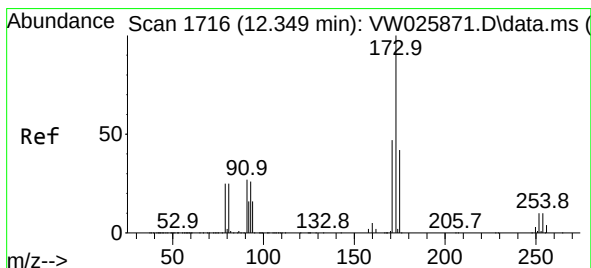
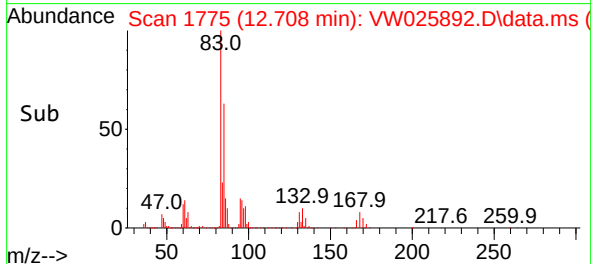
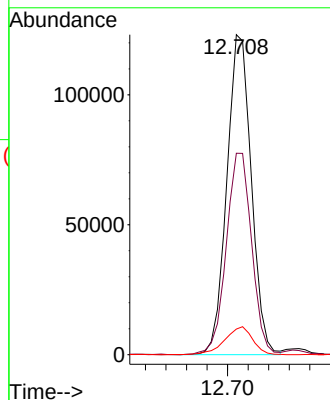
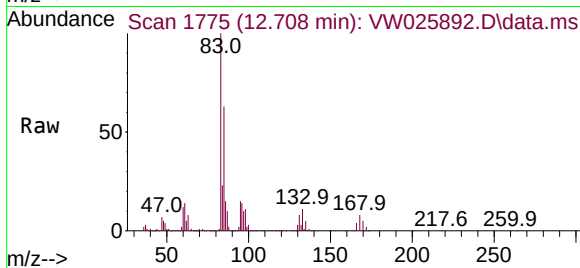
Tgt Ion: 83 Resp: 203905

Ion Ratio Lower Upper

83 100

85 62.9 45.6 84.8

131 8.0 8.1 12.1#



#59

Bromoform

Concen: 26.335 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

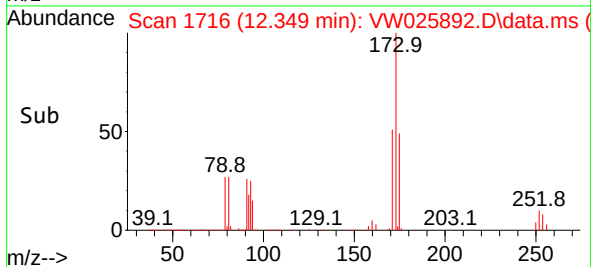
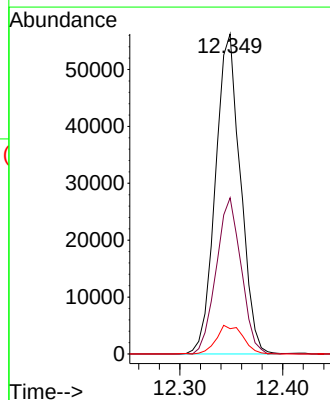
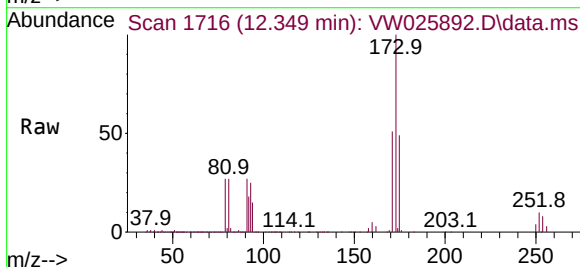
Tgt Ion:173 Resp: 94796

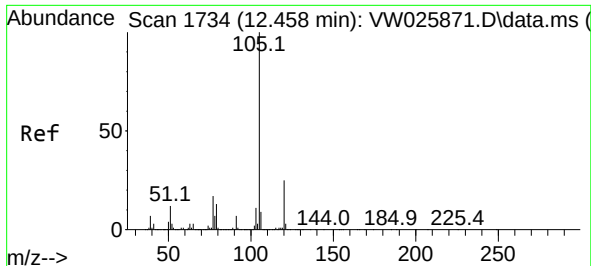
Ion Ratio Lower Upper

173 100

175 48.6 38.6 57.8

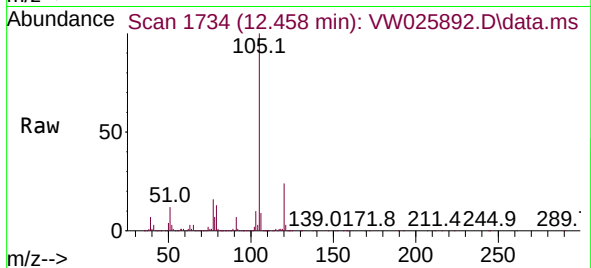
254 9.5 7.6 11.4



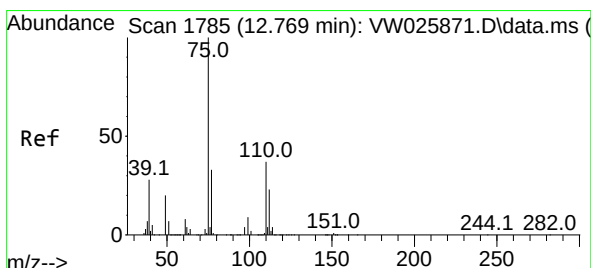
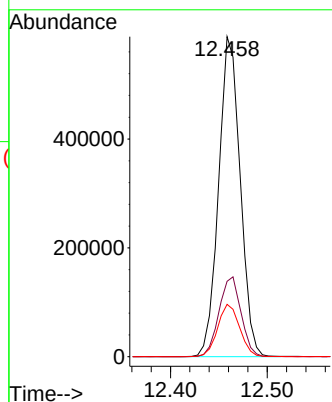
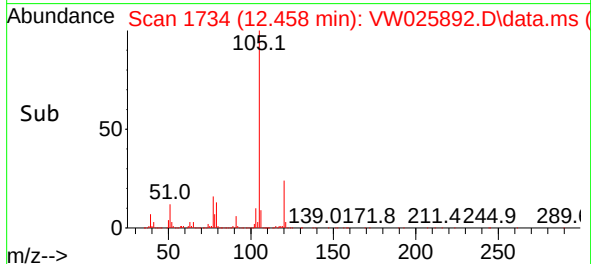


#60
Isopropylbenzene
Concen: 24.627 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

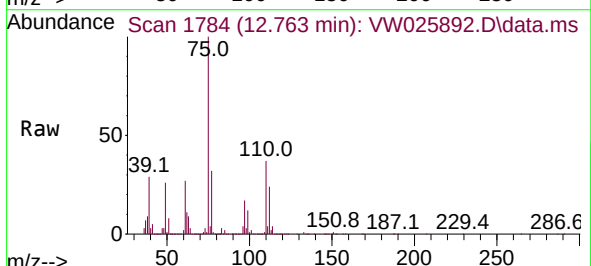
Instrument :
MSVOA_W
ClientSampleId :



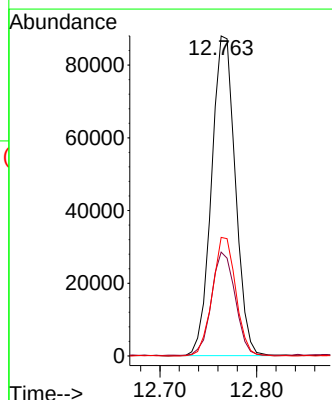
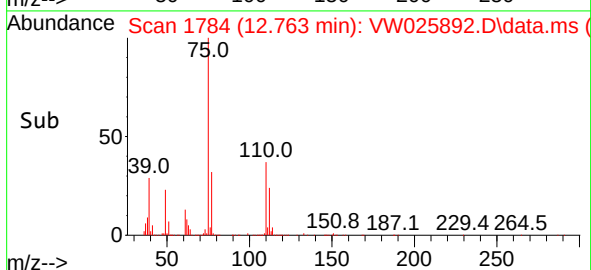
Tgt Ion:105 Resp: 909736
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 16.7 13.4 20.0

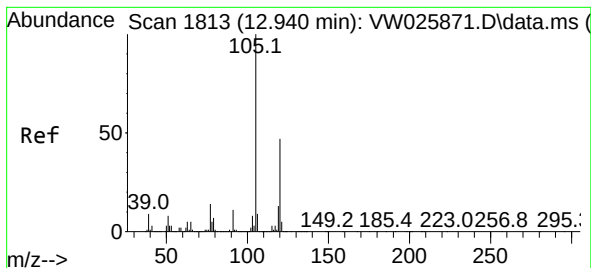


#61
1,2,3-Trichloropropane
Concen: 26.127 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04



Tgt Ion: 75 Resp: 150059
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 36.5 27.6 41.4

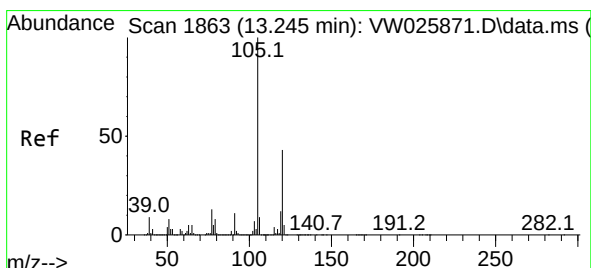
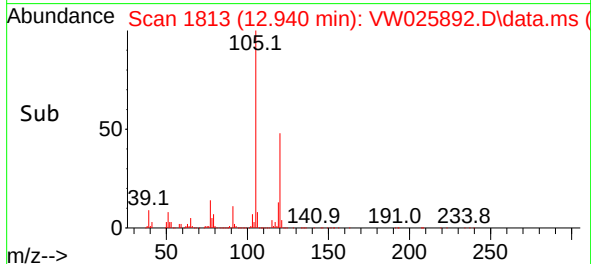
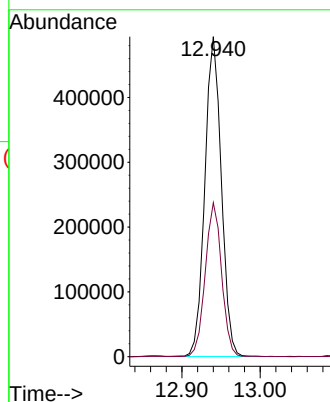
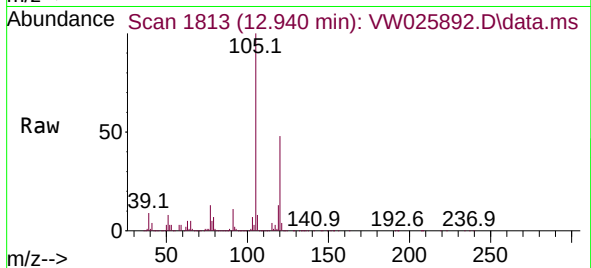




#62
 1,3,5-Trimethylbenzene
 Concen: 24.593 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025892.D
 Acq: 08 May 2023 20:04

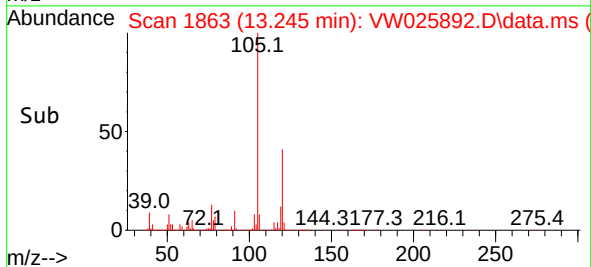
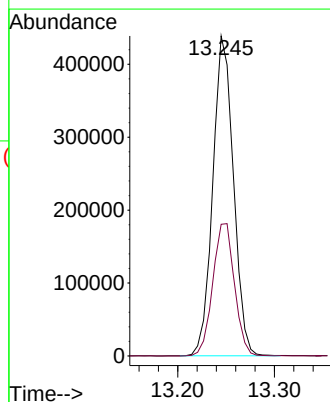
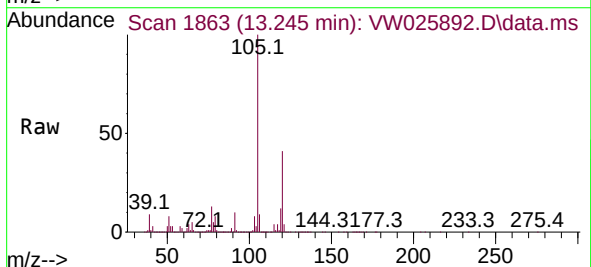
Instrument :
 MSVOA_W
 ClientSampleId :

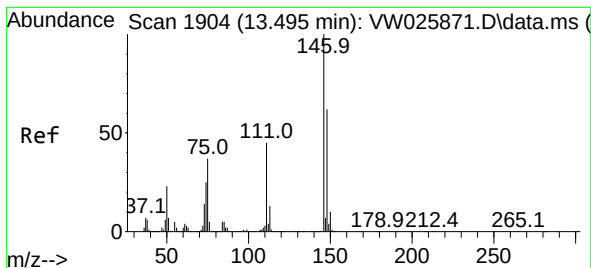
Tgt Ion:105 Resp: 719562
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.1 55.7



#63
 1,2,4-Trimethylbenzene
 Concen: 24.102 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW025892.D
 Acq: 08 May 2023 20:04

Tgt Ion:105 Resp: 650741
 Ion Ratio Lower Upper
 105 100
 120 43.5 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 24.031 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

ClientSampleId :

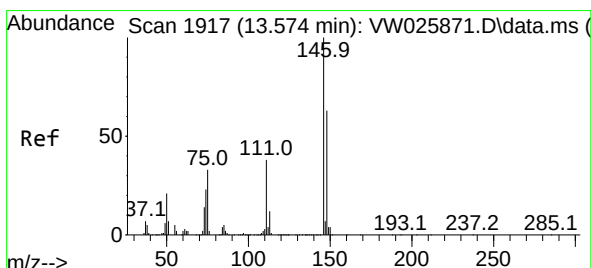
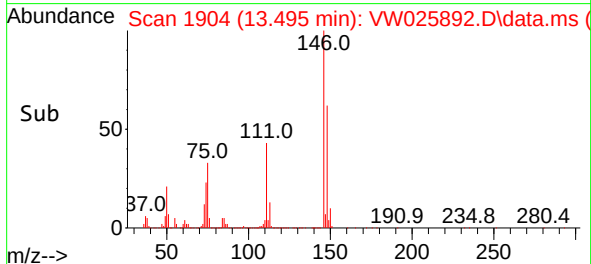
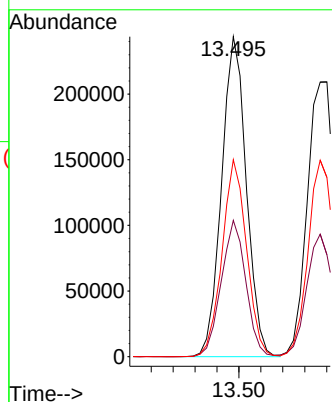
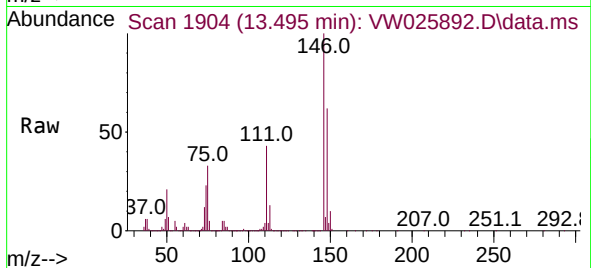
Tgt Ion:146 Resp: 382147

Ion Ratio Lower Upper

146 100

111 42.6 30.4 56.4

148 61.5 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 22.907 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

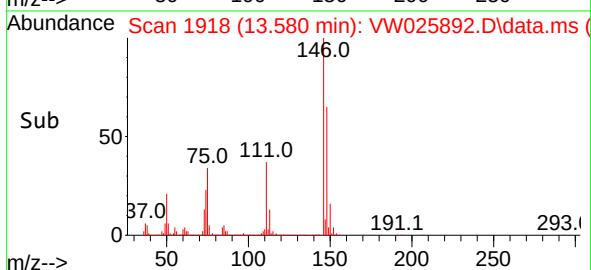
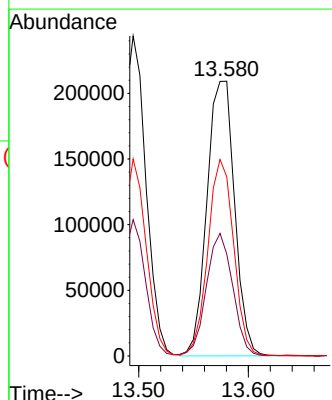
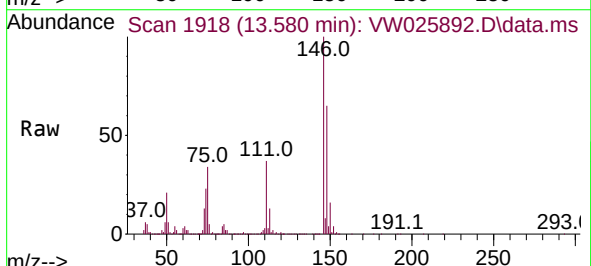
Tgt Ion:146 Resp: 368021

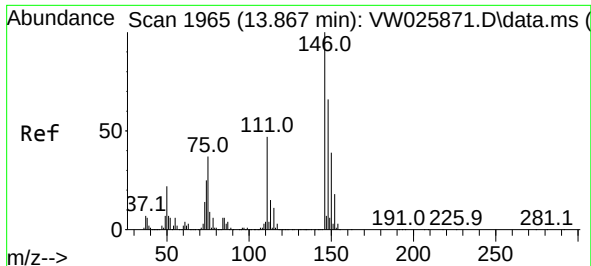
Ion Ratio Lower Upper

146 100

111 37.1 27.9 51.9

148 65.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.907 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

ClientSampleId :

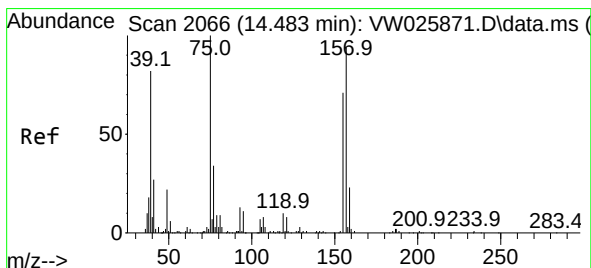
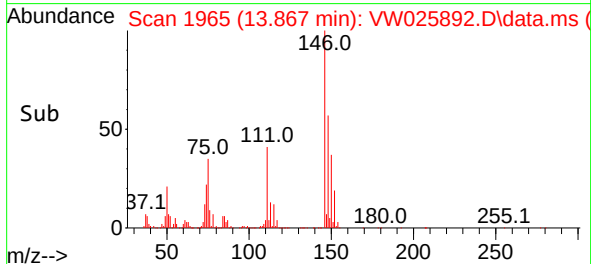
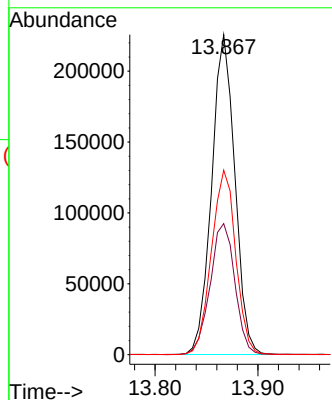
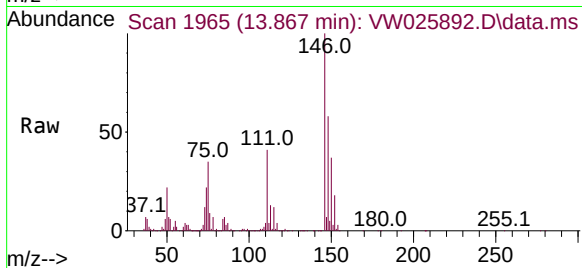
Tgt Ion:146 Resp: 353230

Ion Ratio Lower Upper

146 100

111 40.9 37.7 56.5

148 57.6 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.483 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

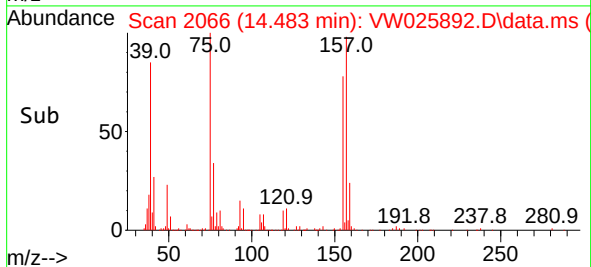
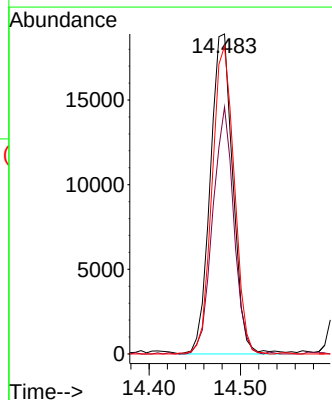
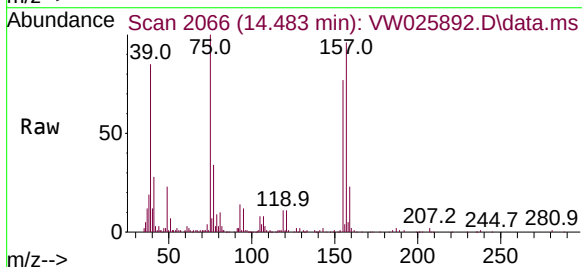
Tgt Ion: 75 Resp: 32607

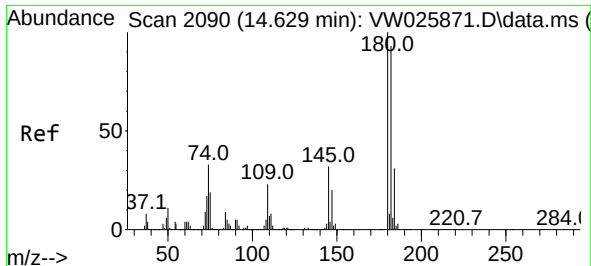
Ion Ratio Lower Upper

75 100

155 77.2 56.3 84.5

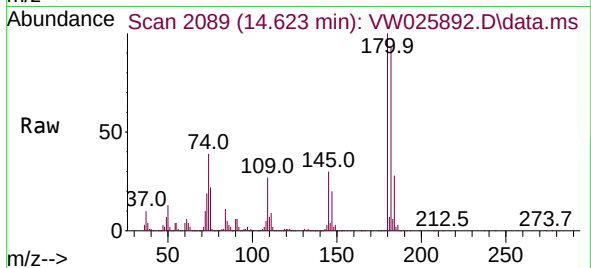
157 96.2 66.3 99.5



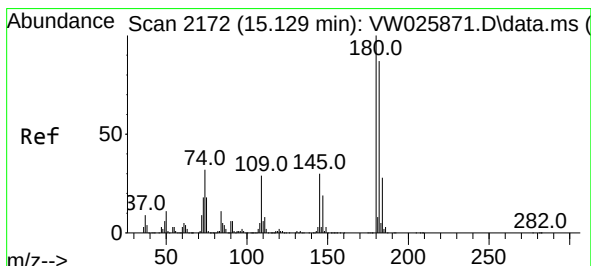
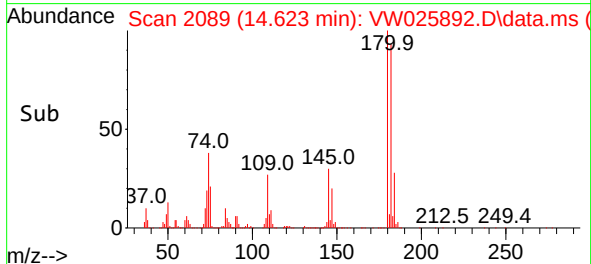
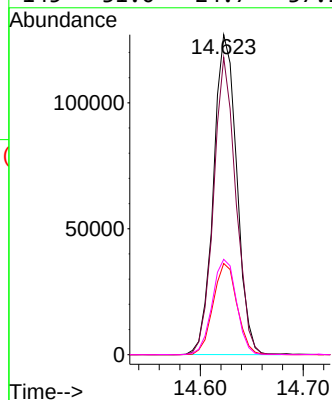


#69
1,3,5-Trichlorobenzene
Concen: 18.865 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Instrument :
MSVOA_W
ClientSampleId :

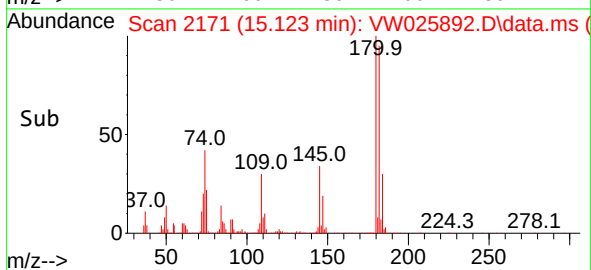
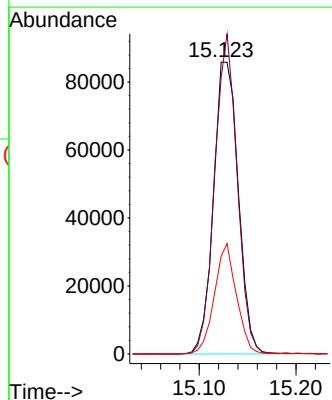
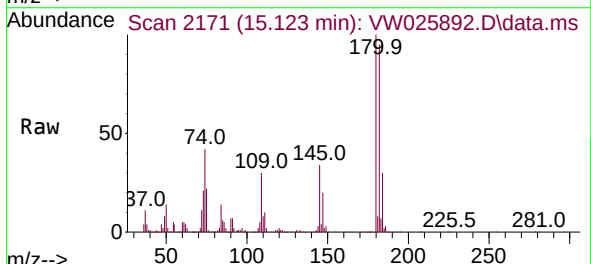


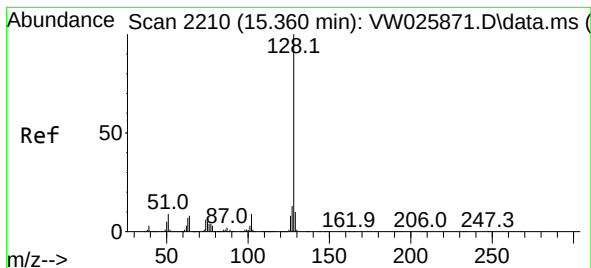
Tgt Ion:180 Resp: 199129
Ion Ratio Lower Upper
180 100
182 89.1 77.4 116.0
184 29.3 24.7 37.1
145 31.0 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 17.324 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW025892.D
Acq: 08 May 2023 20:04

Tgt Ion:180 Resp: 153198
Ion Ratio Lower Upper
180 100
182 99.6 74.3 111.5
145 33.6 25.4 38.0





#71

Naphthalene

Concen: 20.603 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Instrument :

MSVOA_W

ClientSampleId :

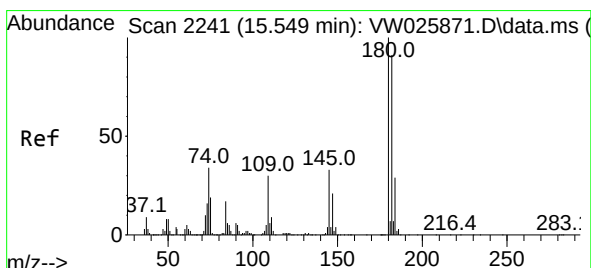
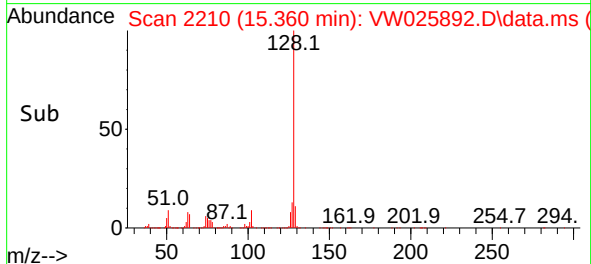
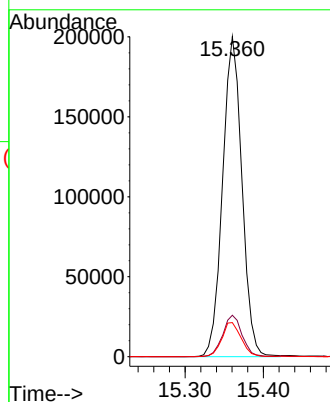
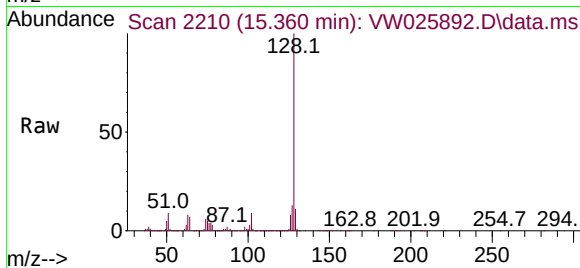
Tgt Ion:128 Resp: 343889

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 19.470 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW025892.D

Acq: 08 May 2023 20:04

Tgt Ion:180 Resp: 152772

Ion Ratio Lower Upper

180 100

182 89.5 76.1 114.1

145 32.9 28.0 42.0

