

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025594.D
 Acq On : 20 Apr 2023 09:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Apr 21 01:44:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 19 04:10:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	647663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	583739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291287	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	204395	19.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
7) Chloroethane-d5	2.899	69	158892	21.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
11) 1,1-Dichloroethene-d2	4.021	63	461548	21.655	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	7.075	46	131371	55.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.740%
24) Chloroform-d	7.648	84	425452	23.396	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	8.307	65	225193	23.803	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.276	84	849447	22.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.270	67	271423	23.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.120%
41) Toluene-d8	10.325	98	747752	22.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	10.575	79	100848	22.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.280%
47) 2-Hexanone-d5	10.922	63	91513	56.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	208266	26.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	230958	23.079	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	211790	23.384	ug/L	99
3) Chloromethane	2.222	50	251612	23.945	ug/L	98
5) Vinyl chloride	2.369	62	290187	24.982	ug/L	94
6) Bromomethane	2.789	94	147357	23.582	ug/L	100
8) Chloroethane	2.936	64	159540	24.523	ug/L	100
9) Trichlorofluoromethane	3.265	101	229819	25.681	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	243668	27.134	ug/L	99
12) 1,1-Dichloroethene	4.039	96	222749	24.781	ug/L	99
13) Acetone	4.125	43	131269	65.967	ug/L	98
14) Carbon disulfide	4.387	76	721121	22.739	ug/L	99
15) Methyl Acetate	4.673	43	118486	26.503	ug/L	100
16) Methylene chloride	4.917	84	248094	24.099	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	229107	23.974	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	342105	25.940	ug/L	99
19) 1,1-Dichloroethane	6.216	63	481241	25.204	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	246635	24.804	ug/L	98
22) 2-Butanone	7.167	43	177980	62.916	ug/L	98
23) Bromochloromethane	7.514	128	102612	25.165	ug/L	97
25) Chloroform	7.673	83	445471	25.513	ug/L	100

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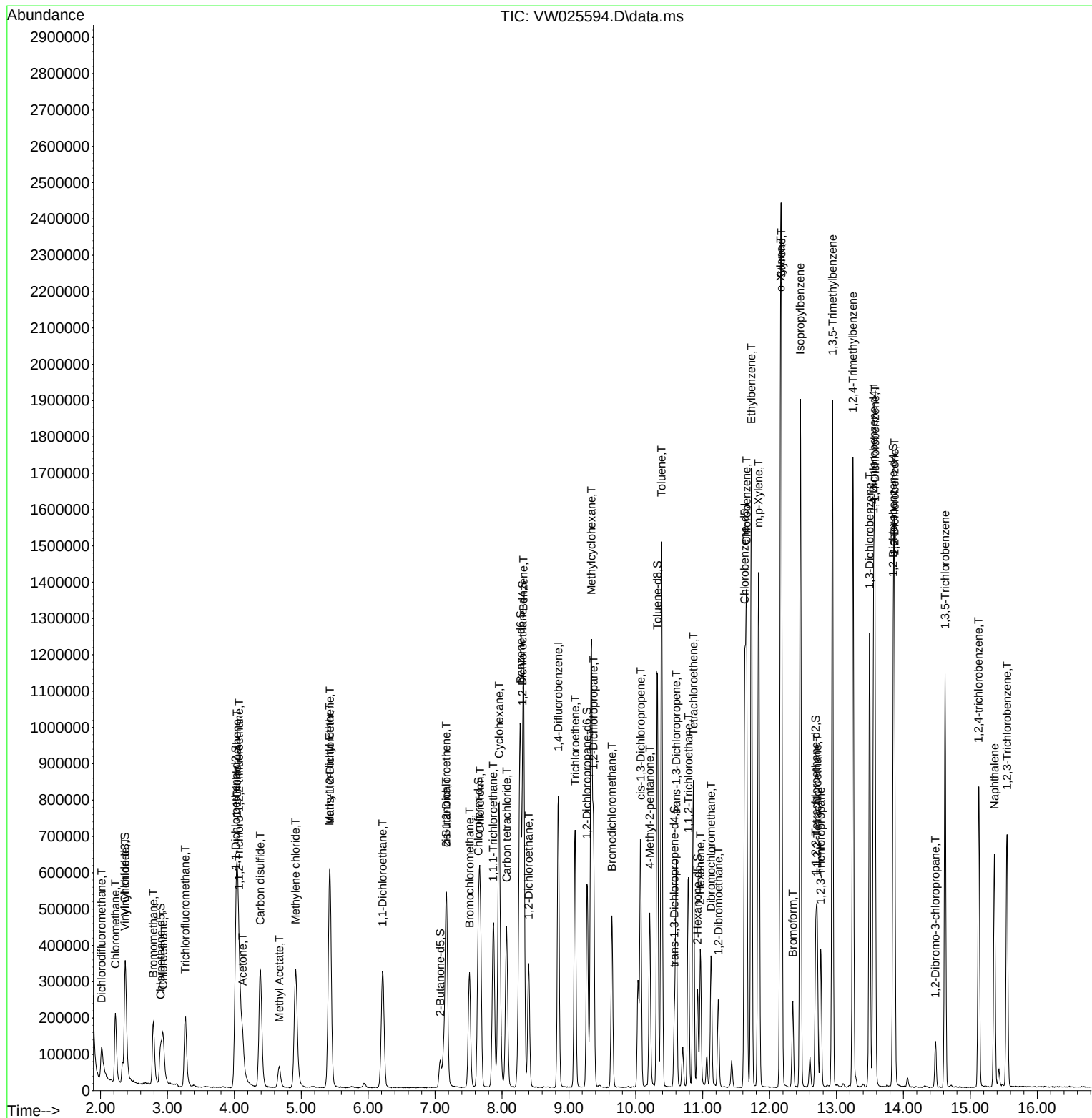
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27) 1,2-Dichloroethane	8.398	62	303170	25.875	ug/L	100
29) Cyclohexane	7.959	56	461193	24.410	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	364154	25.107	ug/L	100
31) Carbon tetrachloride	8.069	117	324126	24.745	ug/L	97
33) Benzene	8.319	78	1004566	24.724	ug/L	100
34) Trichloroethene	9.093	95	252811	23.921	ug/L	96
35) Methylcyclohexane	9.337	83	468467	24.548	ug/L	99
37) 1,2-Dichloropropane	9.367	63	269400	25.106	ug/L	100
38) Bromodichloromethane	9.642	83	309650	25.221	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	390157	25.348	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	332535	54.749	ug/L	100
42) Toluene	10.386	91	1033378	24.977	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	327554	25.807	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	177950	26.008	ug/L	98
46) Tetrachloroethene	10.861	164	177832	23.925	ug/L	91
48) 2-Hexanone	10.965	43	249164	59.373	ug/L	99
49) Dibromochloromethane	11.123	129	186231	25.852	ug/L	96
50) 1,2-Dibromoethane	11.233	107	161844	25.744	ug/L	99
51) Chlorobenzene	11.654	112	633954	24.866	ug/L	100
52) Ethylbenzene	11.727	91	1171941	25.031	ug/L	96
53) m,p-Xylene	11.837	106	435963	25.391	ug/L	98
54) o-Xylene	12.166	106	407446	25.367	ug/L	95
55) Styrene	12.178	104	704409	26.055	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	219838	26.824	ug/L	100
59) Bromoform	12.349	173	102488	25.676	ug/L	96
60) Isopropylbenzene	12.458	105	1153442	25.279	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155861	25.817	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	926607	25.725	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	900831	25.973	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	461849	24.425	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	471816	24.433	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	411885	24.847	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34055	25.715	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	304738	24.071	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	248814	24.194	ug/L	98
71) Naphthalene	15.360	128	506966	26.419	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	219687	24.433	ug/L	94

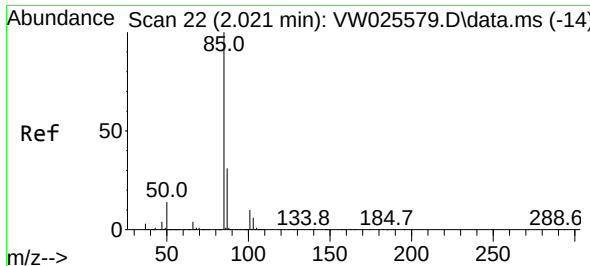
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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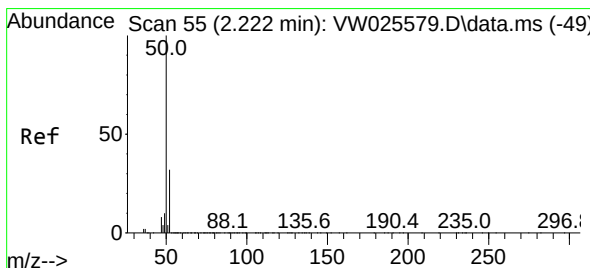
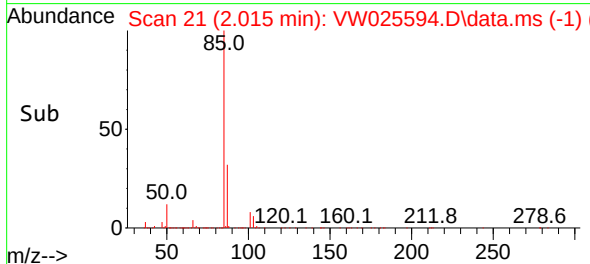
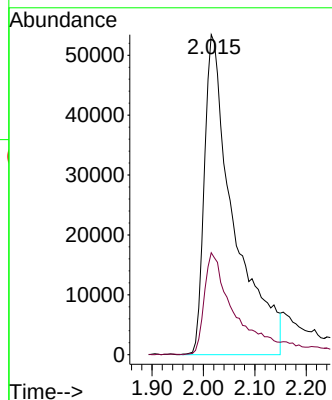
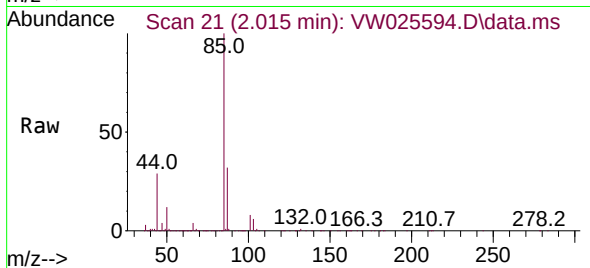




#2
 Dichlorodifluoromethane
 Concen: 23.384 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025594.D
 Acq: 20 Apr 2023 09:42

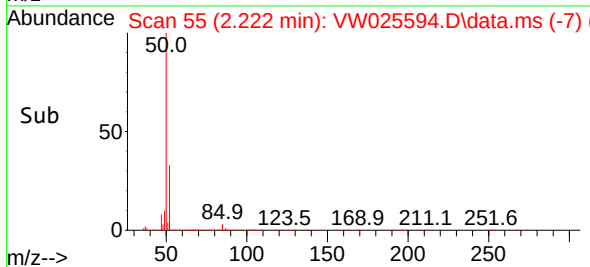
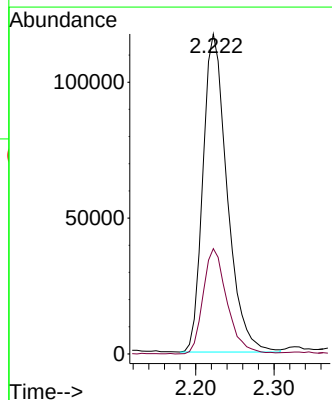
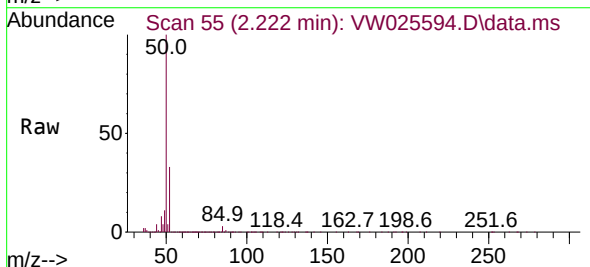
Instrument :
 MSVOA_W
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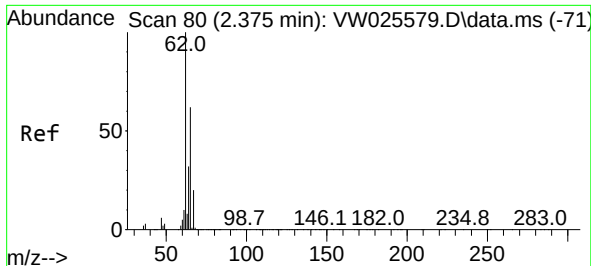
Tgt Ion: 85 Resp: 211790
 Ion Ratio Lower Upper
 85 100
 87 30.3 24.6 37.0



#3
 Chloromethane
 Concen: 23.945 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW025594.D
 Acq: 20 Apr 2023 09:42

Tgt Ion: 50 Resp: 251612
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.2 41.2

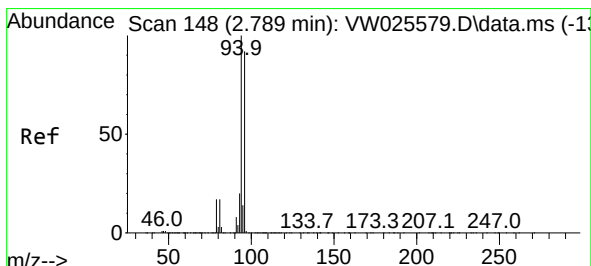
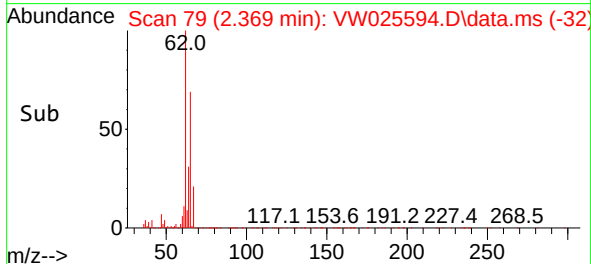
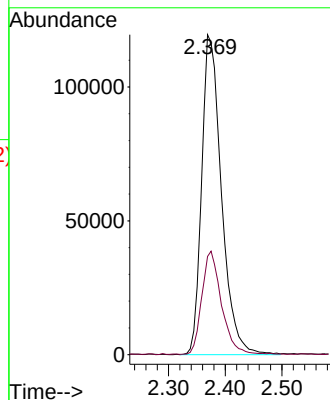
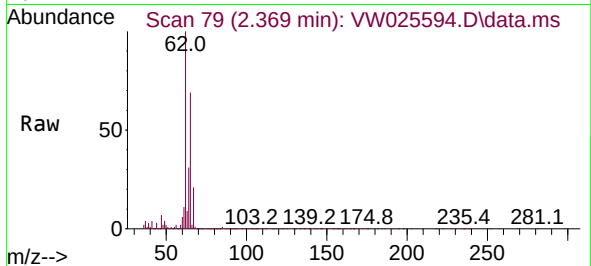




#5
 Vinyl chloride
 Concen: 24.982 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: VW025594.D
 Acq: 20 Apr 2023 09:42

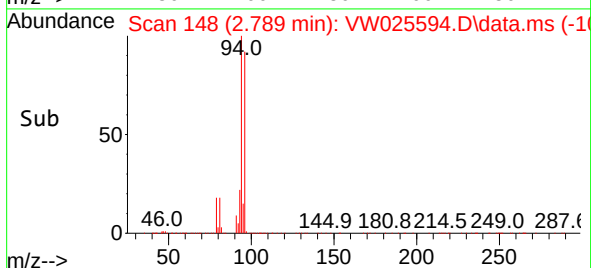
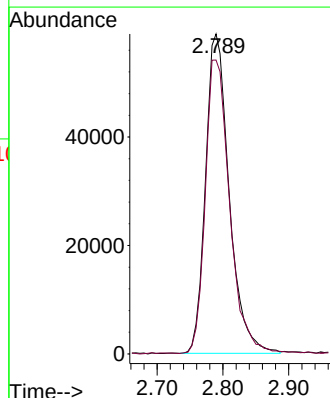
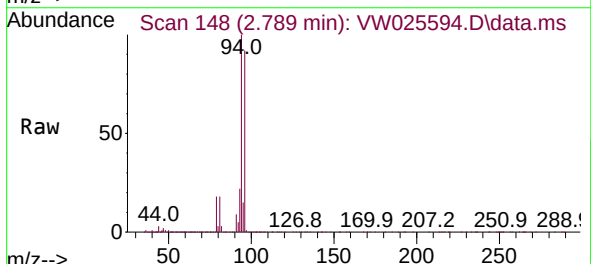
Instrument :
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 ClientSampleId :
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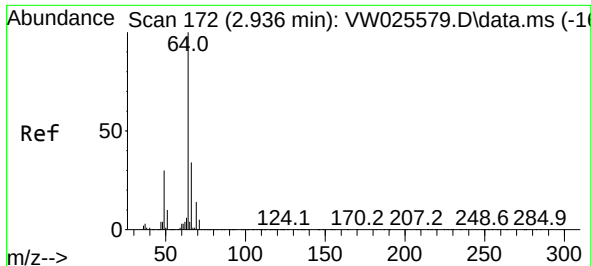
Tgt Ion: 62 Resp: 290187
 Ion Ratio Lower Upper
 62 100
 64 30.7 23.9 44.3



#6
 Bromomethane
 Concen: 23.582 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW025594.D
 Acq: 20 Apr 2023 09:42

Tgt Ion: 94 Resp: 147357
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.0 118.8

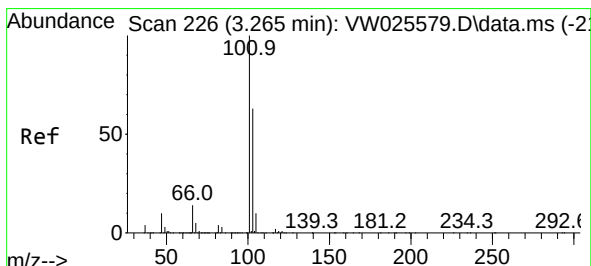
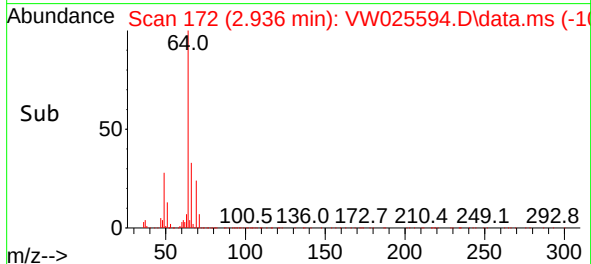
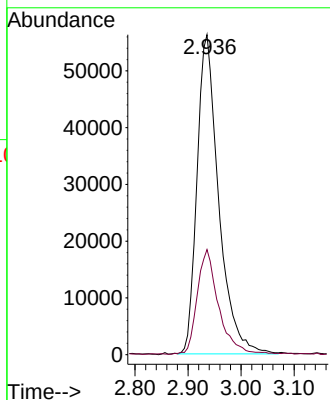
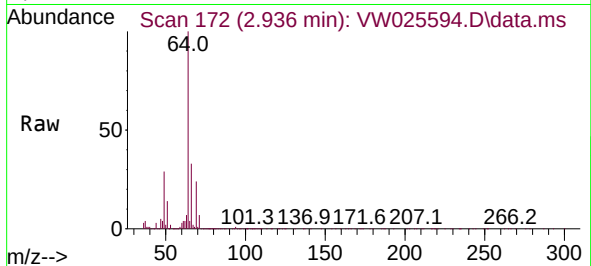




#8
Chloroethane
Concen: 24.523 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

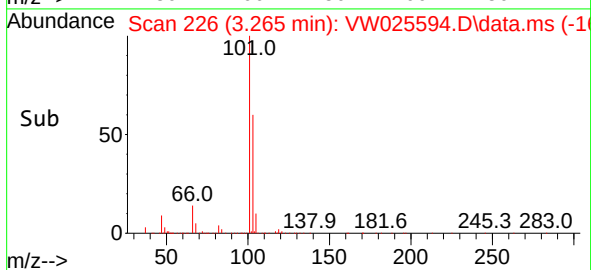
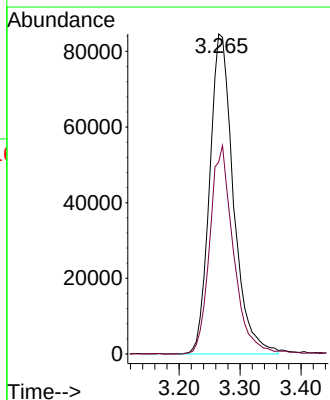
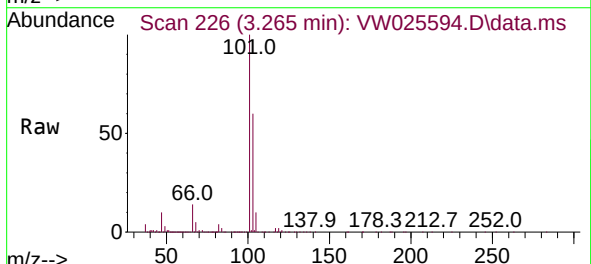
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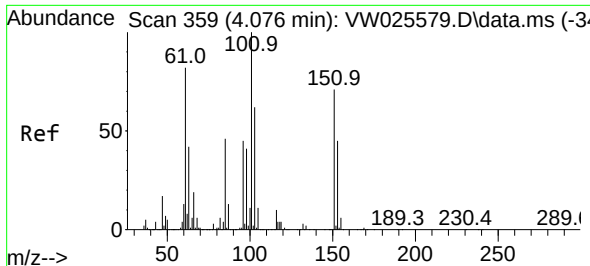
Tgt Ion: 64 Resp: 159540
Ion Ratio Lower Upper
64 100
66 32.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.681 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 101 Resp: 229819
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

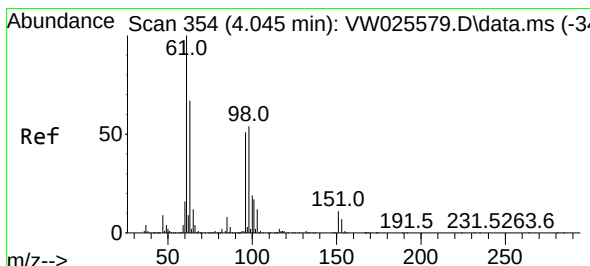
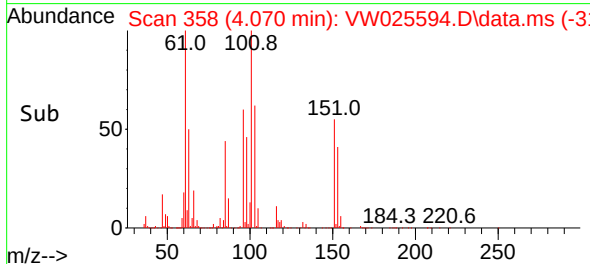
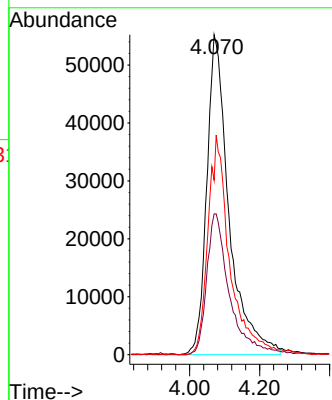
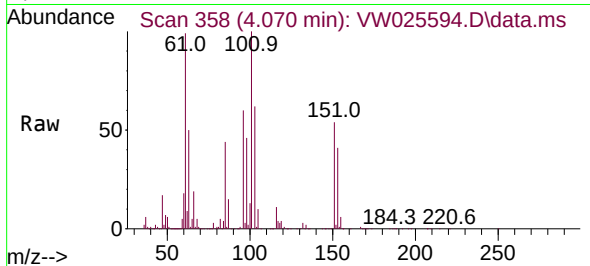




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.134 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025594.D
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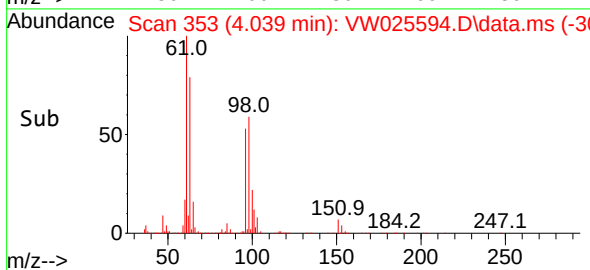
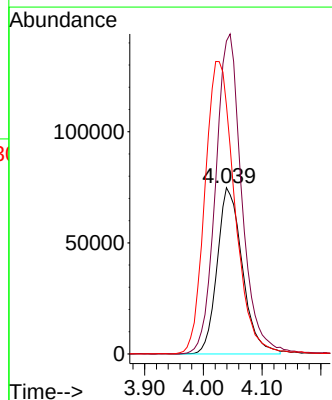
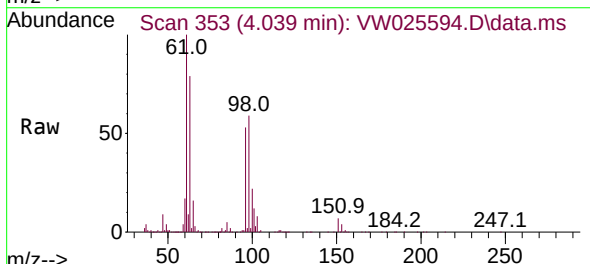
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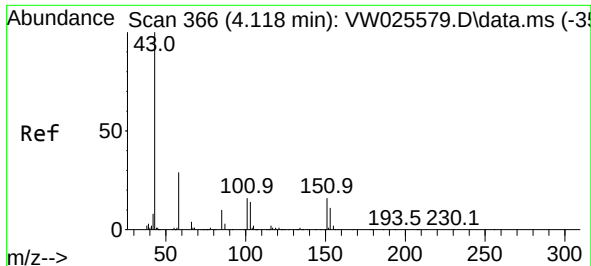
Tgt Ion:101 Resp: 243668
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.5 51.7
 151 66.9 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.781 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW025594.D
 Acq: 20 Apr 2023 09:42

Tgt Ion: 96 Resp: 222749
 Ion Ratio Lower Upper
 96 100
 61 188.4 132.7 246.4
 63 149.6 105.0 195.0





#13

Acetone

Concen: 65.967 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

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ClientSampleId :

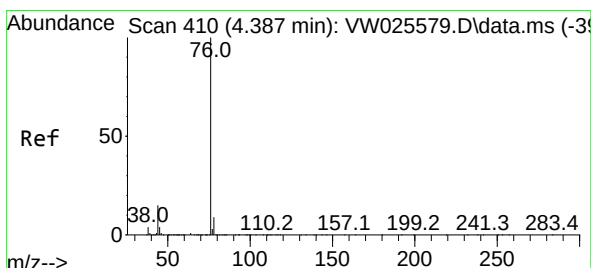
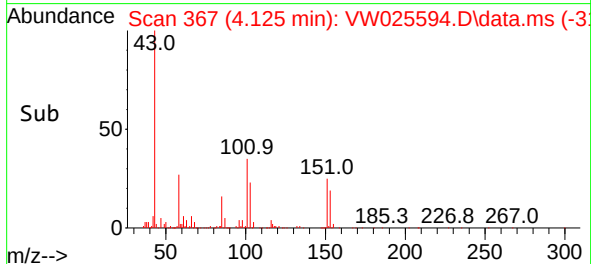
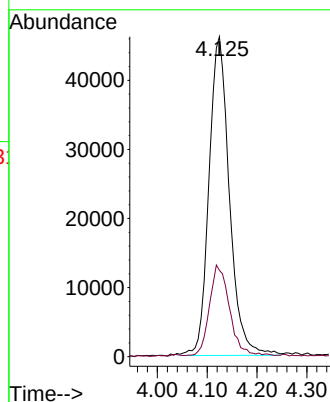
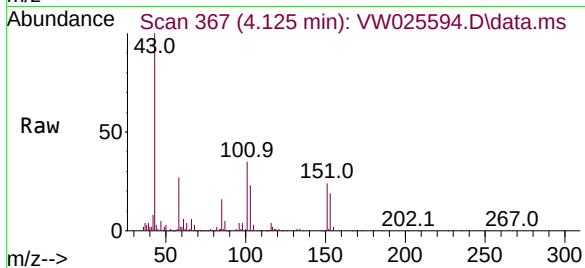
VSTD025573

Tgt Ion: 43 Resp: 131269

Ion Ratio Lower Upper

43 100

58 27.7 0.0 57.4



#14

Carbon disulfide

Concen: 22.739 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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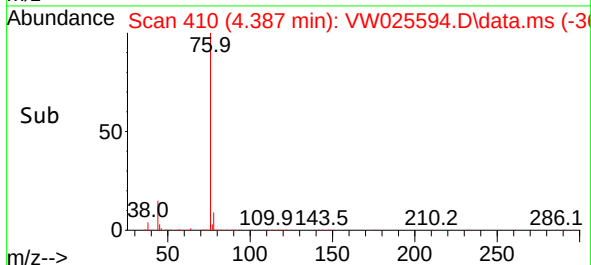
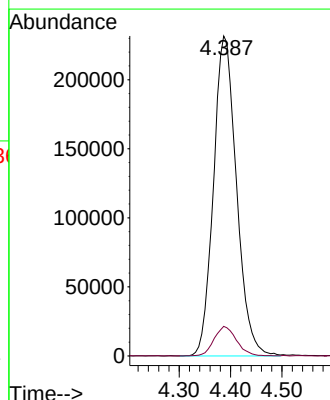
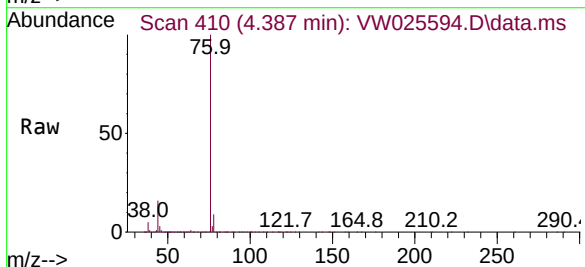
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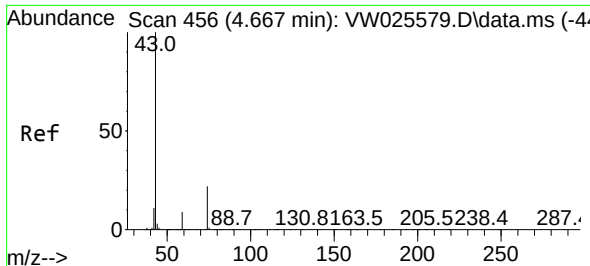
Tgt Ion: 76 Resp: 721121

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

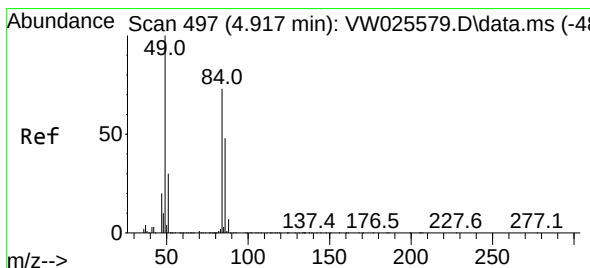
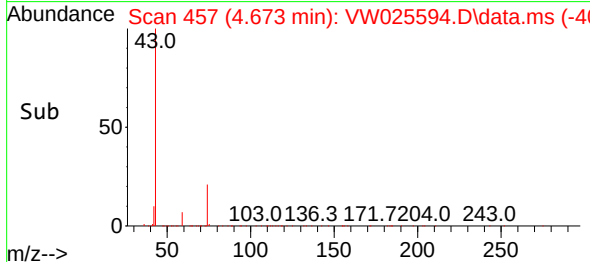
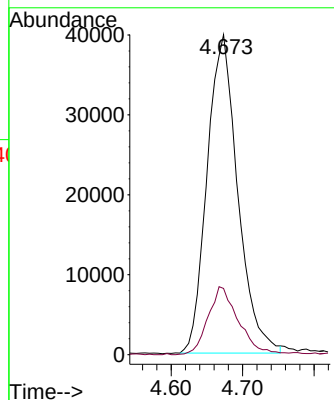
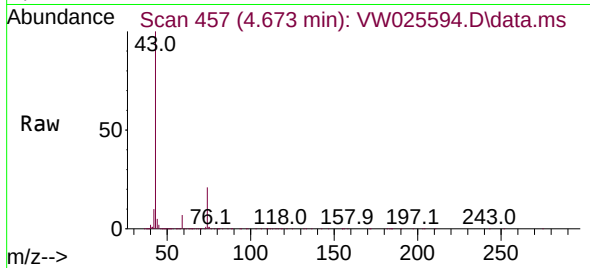




#15
Methyl Acetate
Concen: 26.503 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

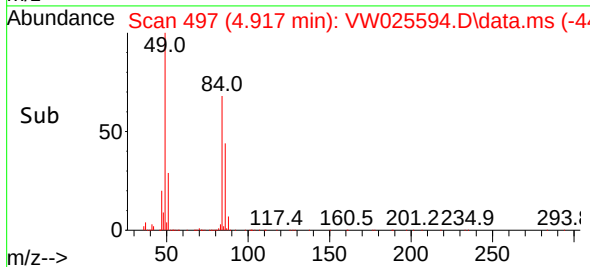
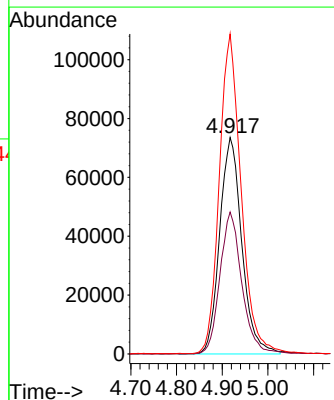
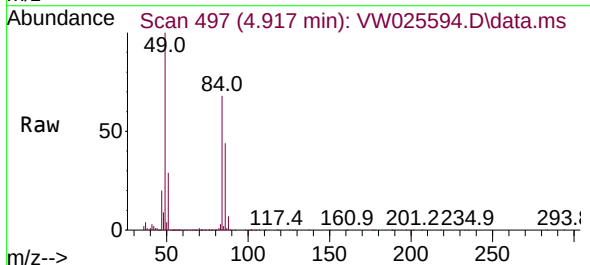
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

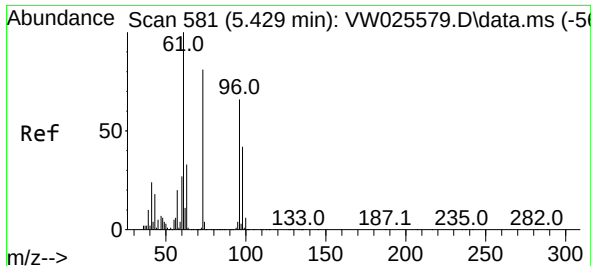
Tgt Ion: 43 Resp: 118486
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4



#16
Methylene chloride
Concen: 24.099 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 84 Resp: 248094
Ion Ratio Lower Upper
84 100
86 65.5 44.9 83.3
49 147.8 101.4 188.4

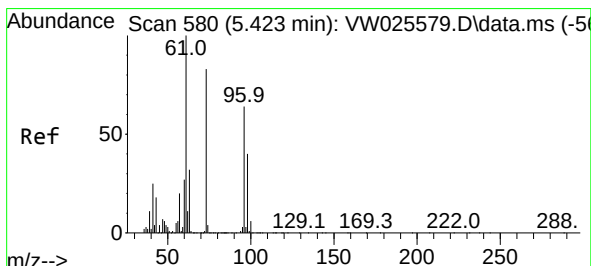
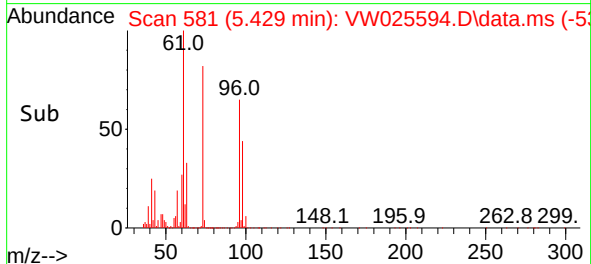
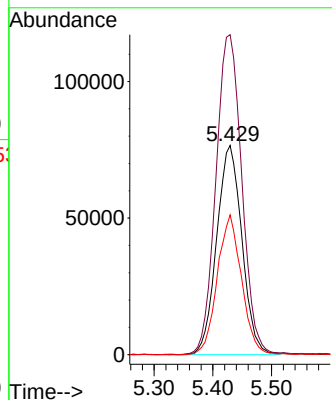
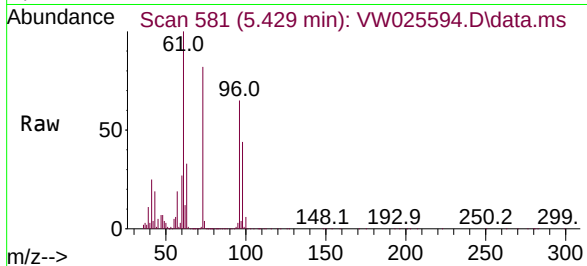




#17
trans-1,2-Dichloroethene
Concen: 23.974 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

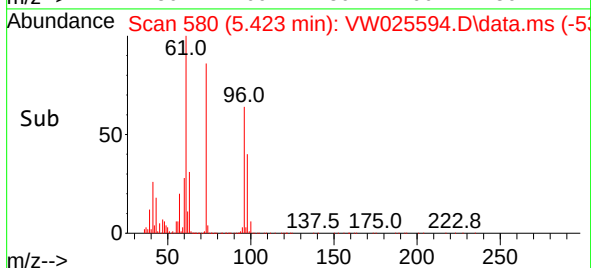
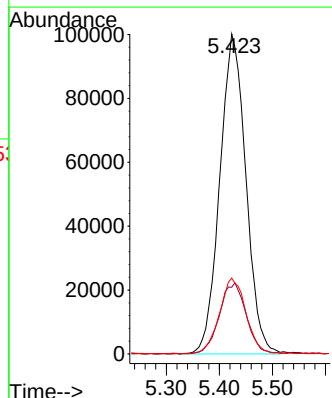
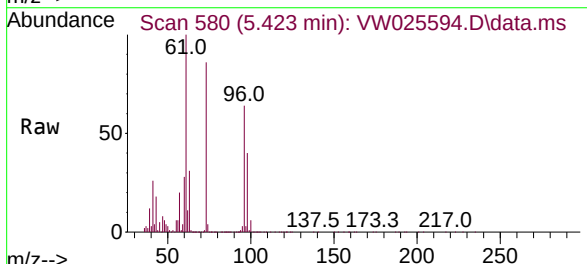
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

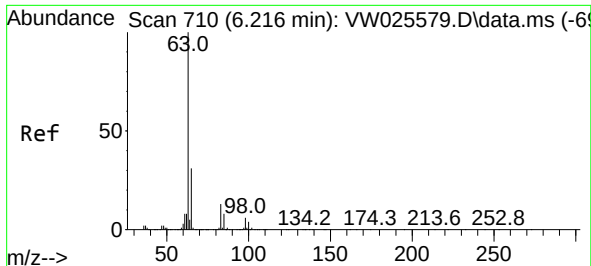
Tgt Ion: 96 Resp: 229107
Ion Ratio Lower Upper
96 100
61 152.9 113.3 210.3
98 66.8 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 25.940 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 73 Resp: 342105
Ion Ratio Lower Upper
73 100
43 23.0 17.8 26.6
57 23.8 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.204 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

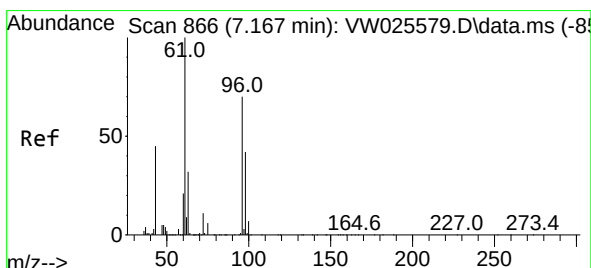
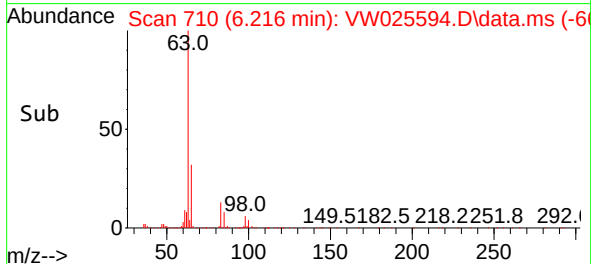
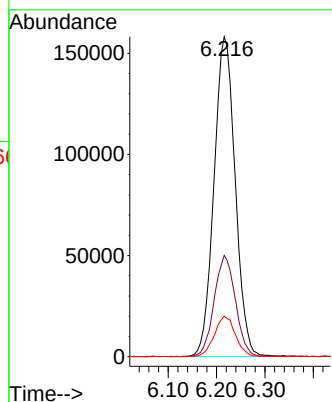
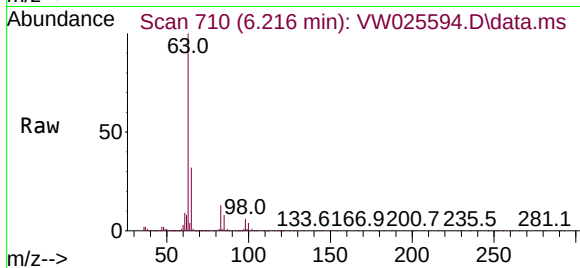
Tgt Ion: 63 Resp: 481241

Ion Ratio Lower Upper

63 100

65 31.7 21.9 40.7

83 12.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.804 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

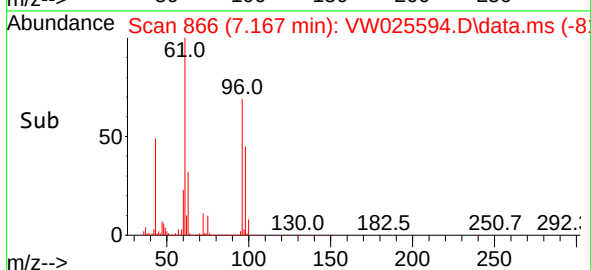
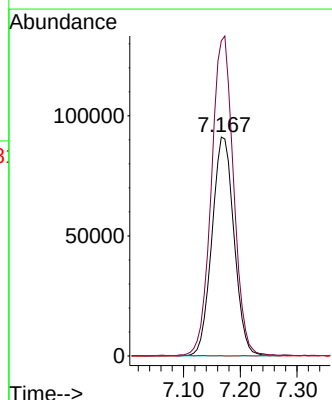
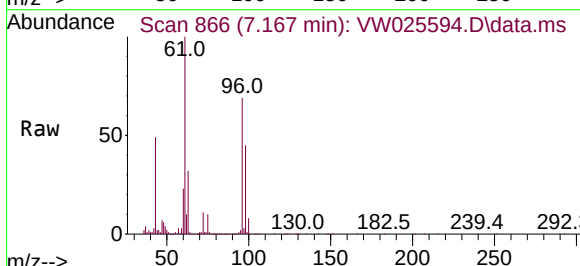
Tgt Ion: 96 Resp: 246635

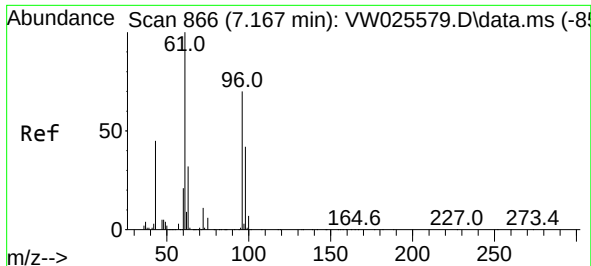
Ion Ratio Lower Upper

96 100

61 144.0 102.6 190.6

68 0.1 0.1 0.1

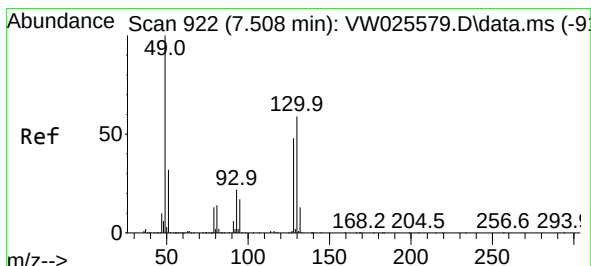
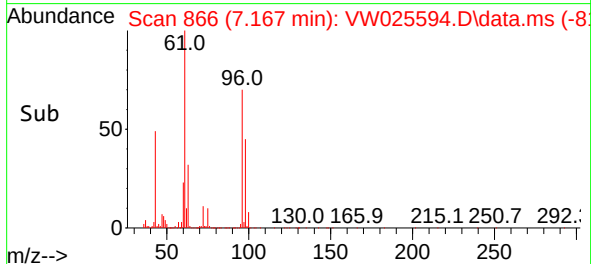
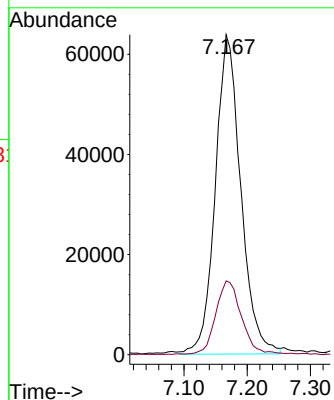
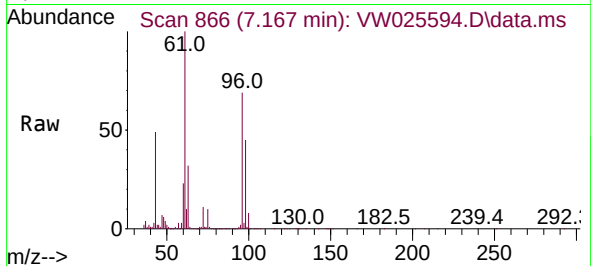




#22
2-Butanone
Concen: 62.916 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

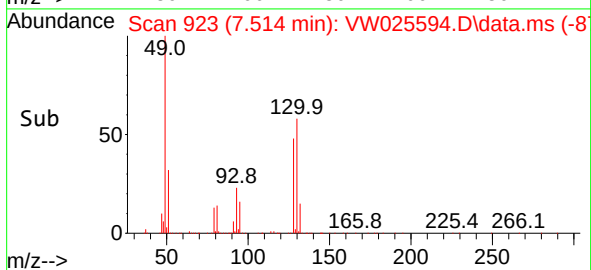
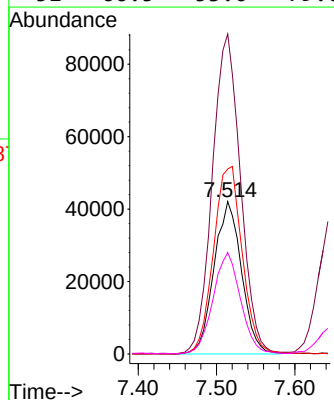
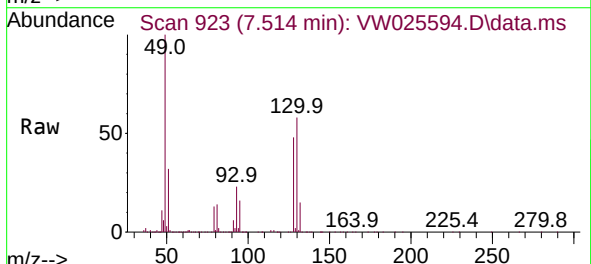
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

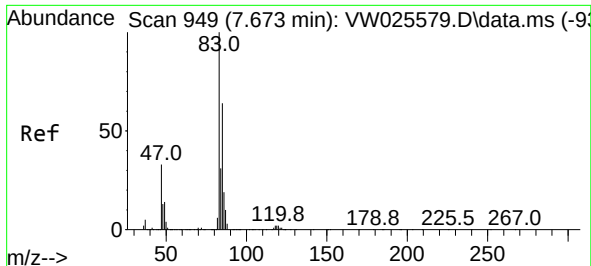
Tgt Ion: 43 Resp: 177980
Ion Ratio Lower Upper
43 100
72 22.9 12.0 36.0



#23
Bromochloromethane
Concen: 25.165 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 128 Resp: 102612
Ion Ratio Lower Upper
128 100
49 209.8 141.7 263.3
130 121.3 86.7 160.9
51 66.5 53.0 79.6

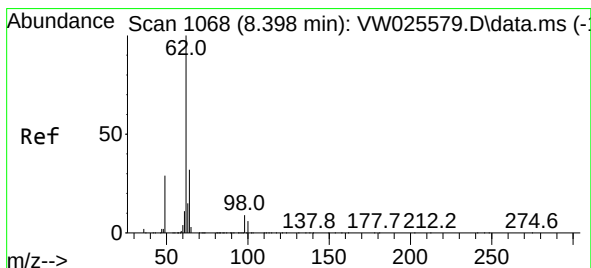
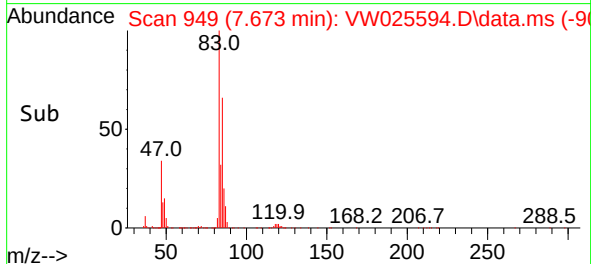
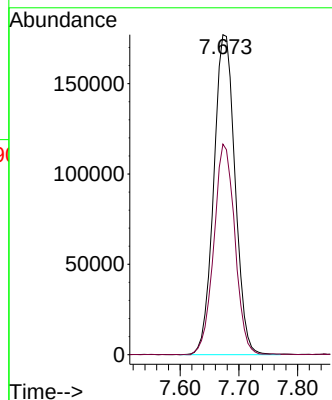
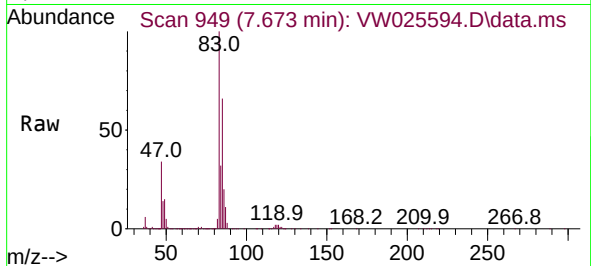




#25
Chloroform
Concen: 25.513 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

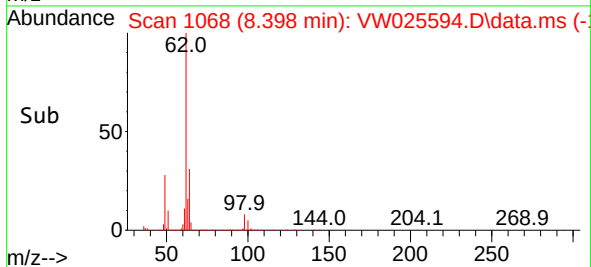
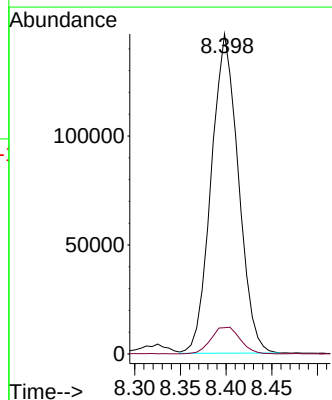
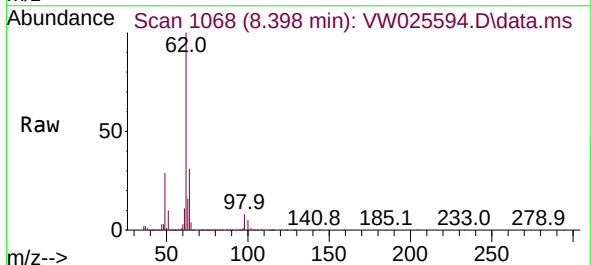
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

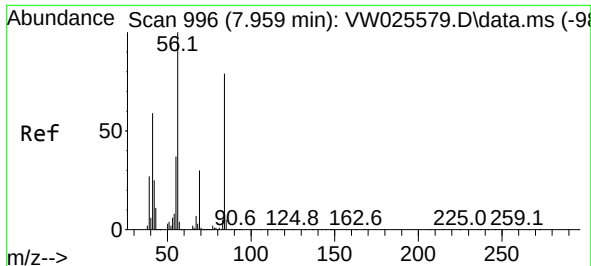
Tgt Ion: 83 Resp: 445471
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 25.875 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 62 Resp: 303170
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 24.410 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

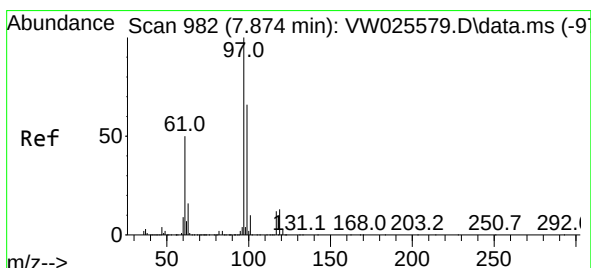
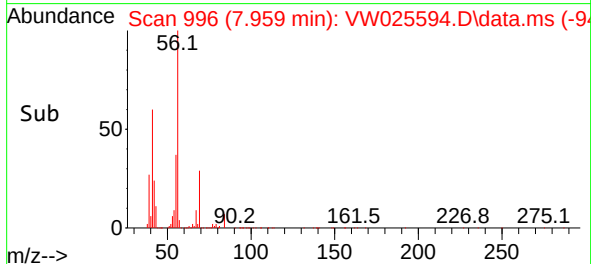
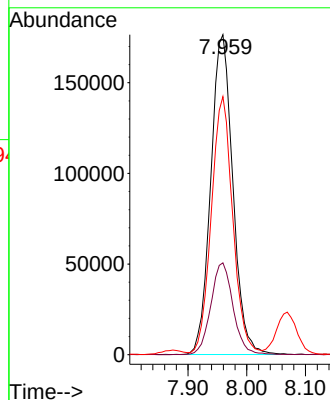
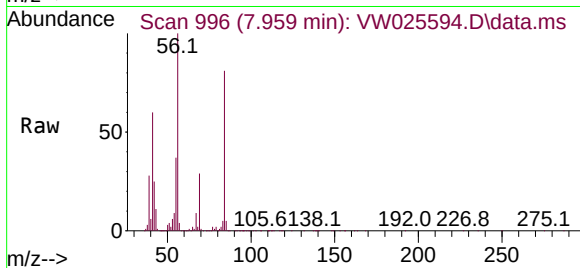
Tgt Ion: 56 Resp: 461193

Ion Ratio Lower Upper

56 100

69 28.8 22.7 34.1

84 78.6 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 25.107 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

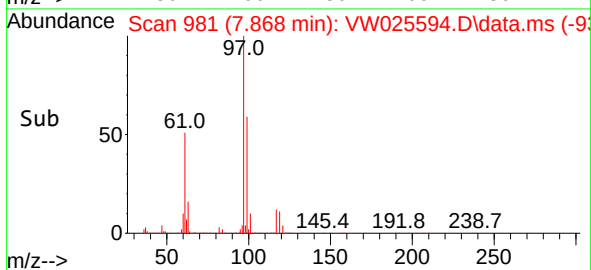
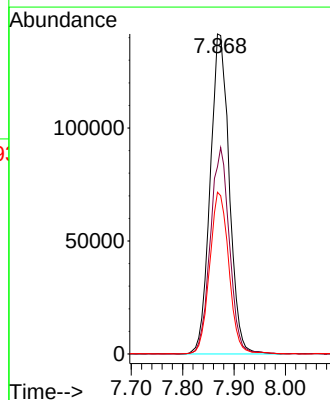
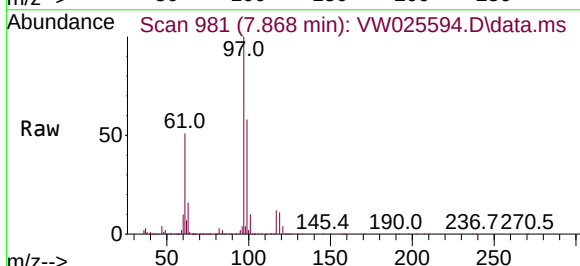
Tgt Ion: 97 Resp: 364154

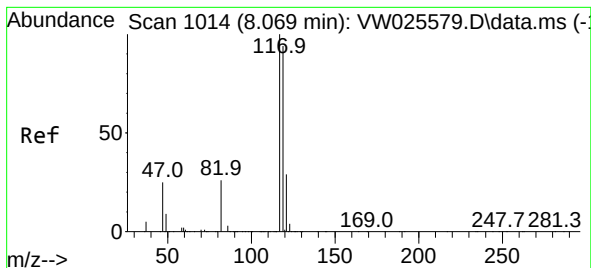
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 50.5 40.5 60.7

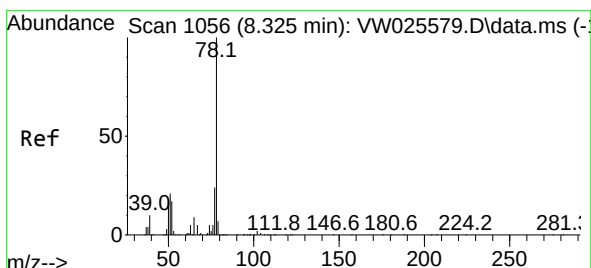
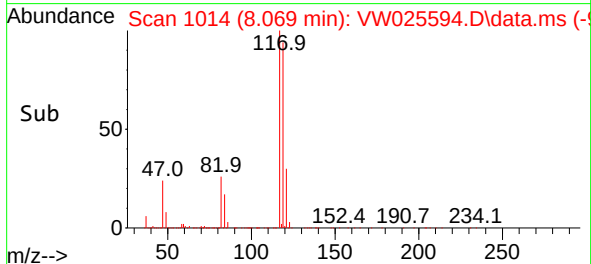
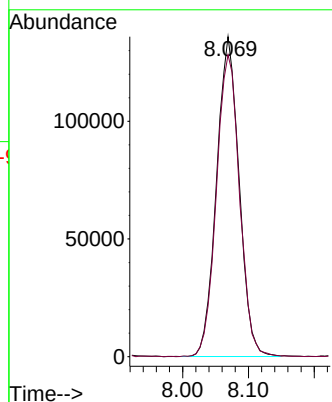
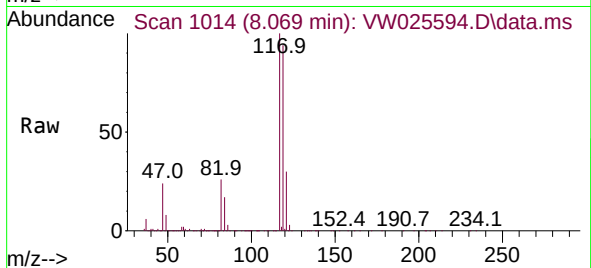




#31
Carbon tetrachloride
Concen: 24.745 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

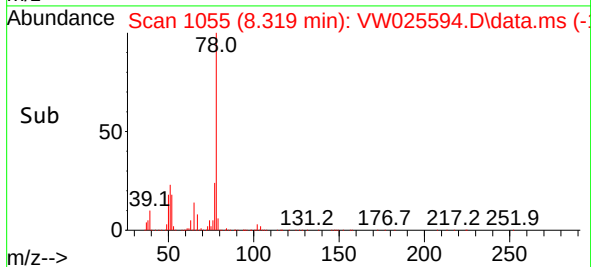
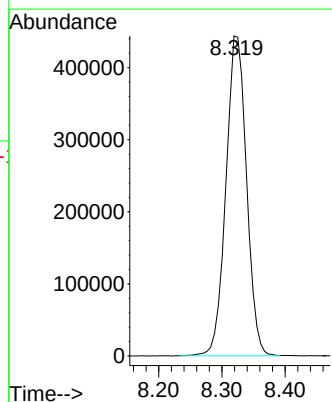
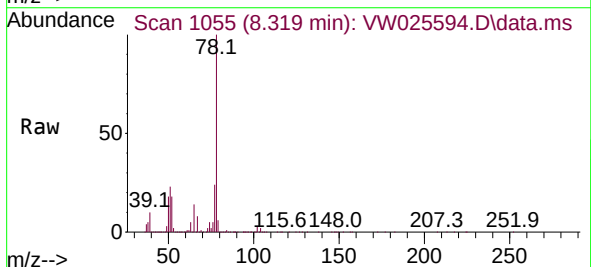
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

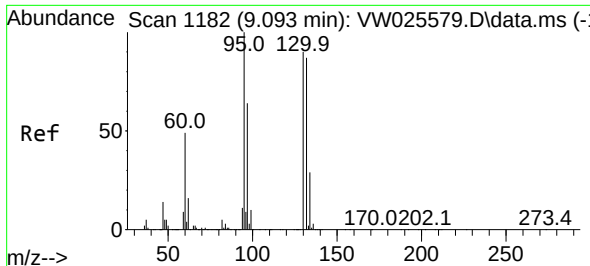
Tgt Ion:117 Resp: 324126
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5



#33
Benzene
Concen: 24.724 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 78 Resp: 1004566



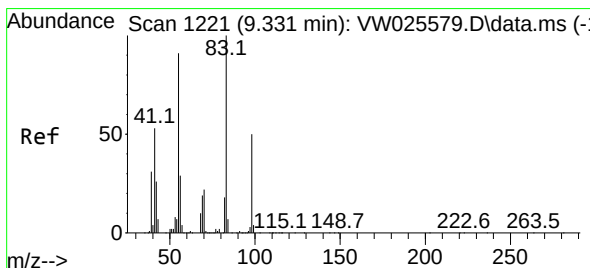
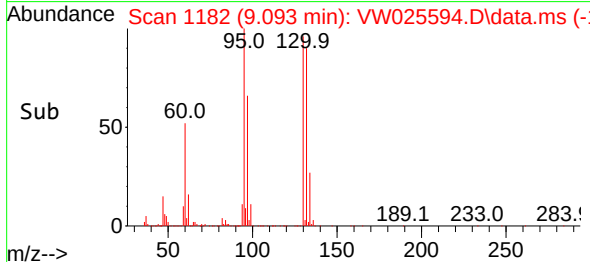
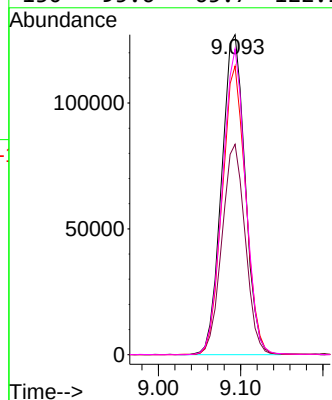
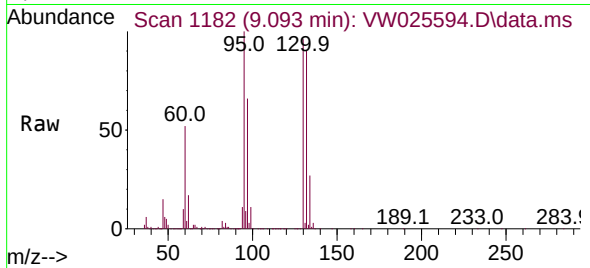


#34
Trichloroethene
Concen: 23.921 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

Tgt Ion: 95 Resp: 252811

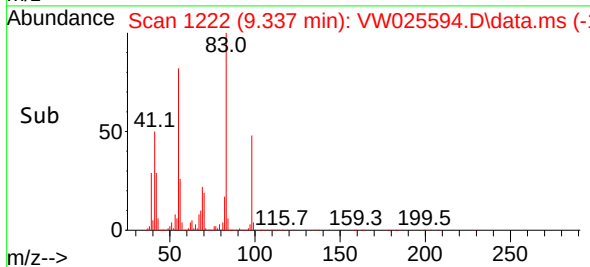
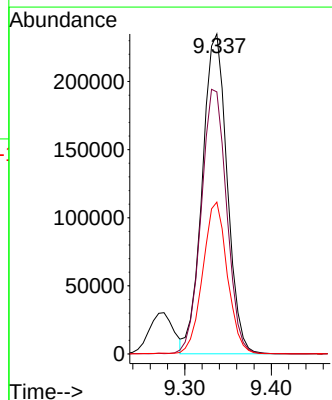
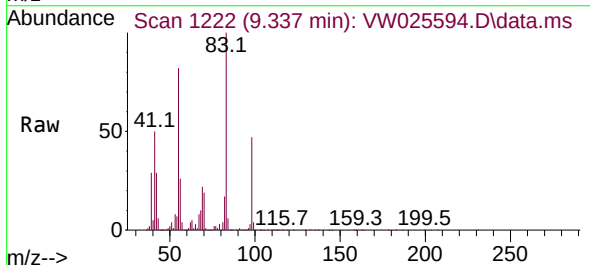
Ion	Ratio	Lower	Upper
95	100		
97	65.8	42.5	78.9
132	90.2	59.8	111.1
130	95.6	65.7	122.1

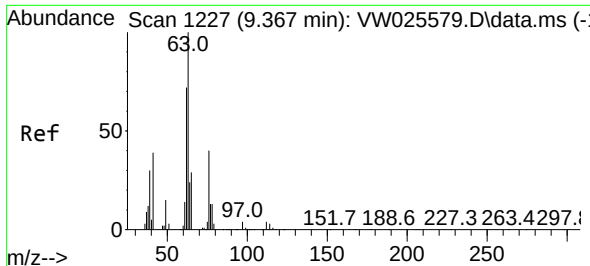


#35
Methylcyclohexane
Concen: 24.548 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 83 Resp: 468467

Ion	Ratio	Lower	Upper
83	100		
55	84.7	68.7	103.1
98	46.9	37.7	56.5





#37

1,2-Dichloropropane

Concen: 25.106 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

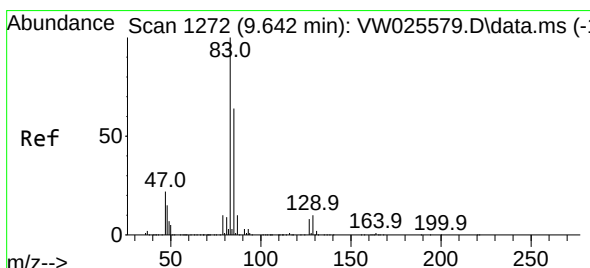
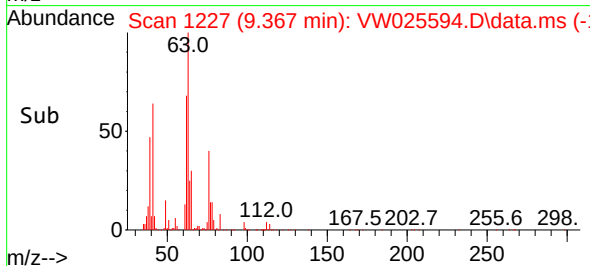
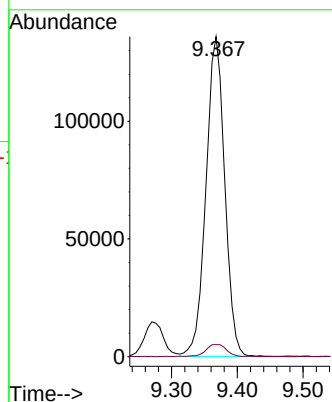
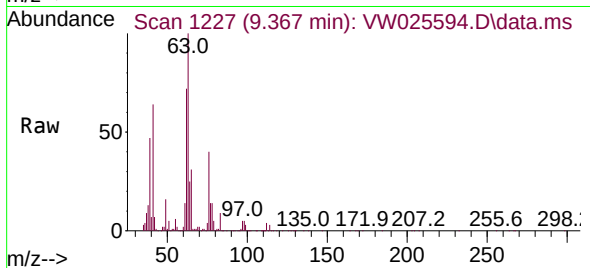
VSTD025573

Tgt Ion: 63 Resp: 269400

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 25.221 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

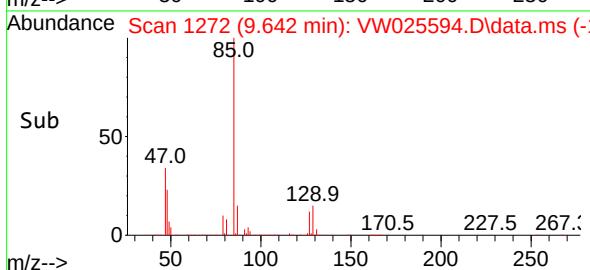
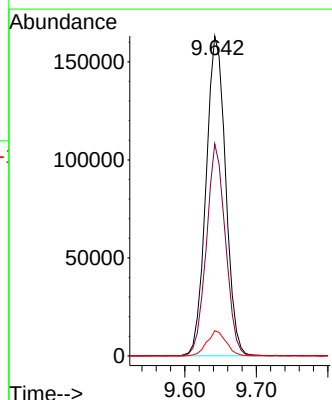
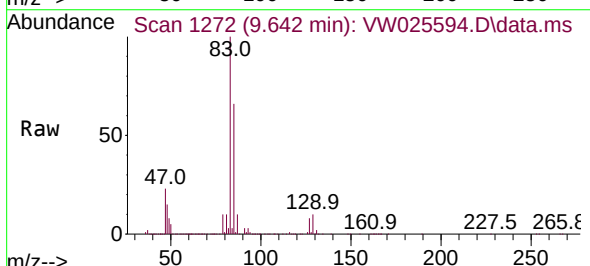
Tgt Ion: 83 Resp: 309650

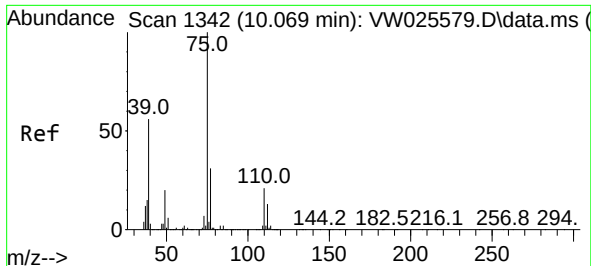
Ion Ratio Lower Upper

83 100

85 66.3 43.5 80.7

127 7.9 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 25.348 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

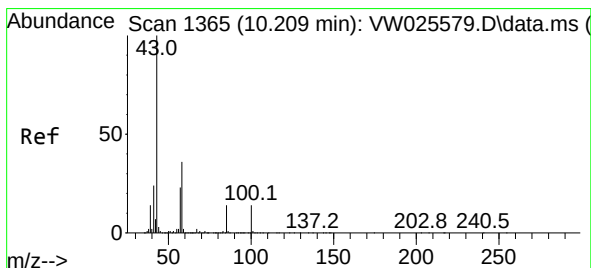
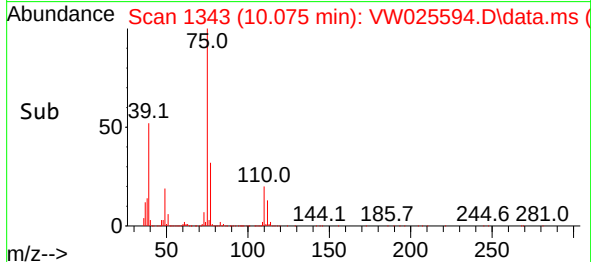
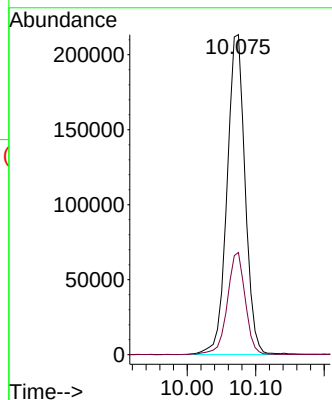
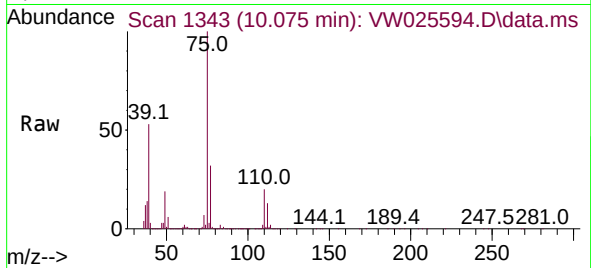
VSTD025573

Tgt Ion: 75 Resp: 390157

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 54.749 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

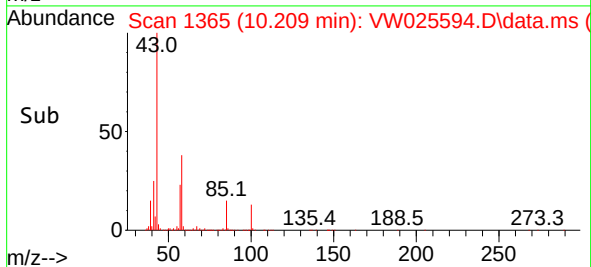
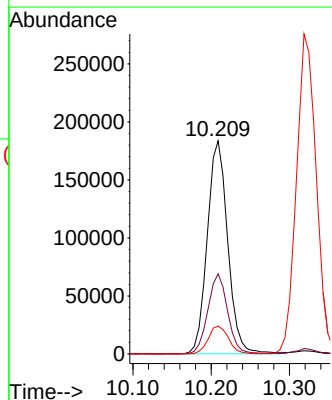
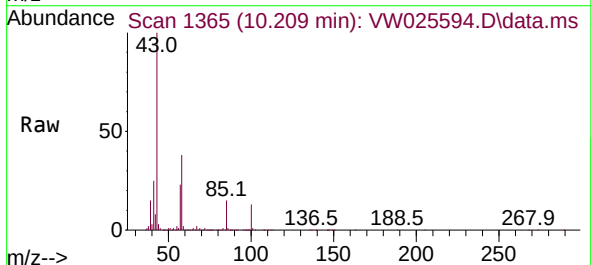
Tgt Ion: 43 Resp: 332535

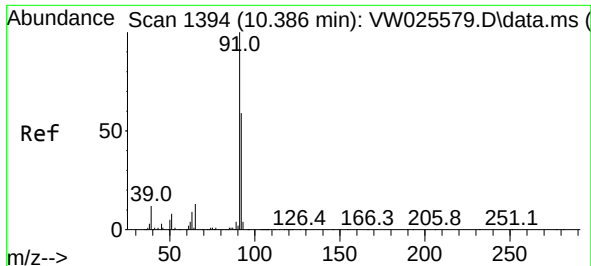
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 13.1 10.2 15.4

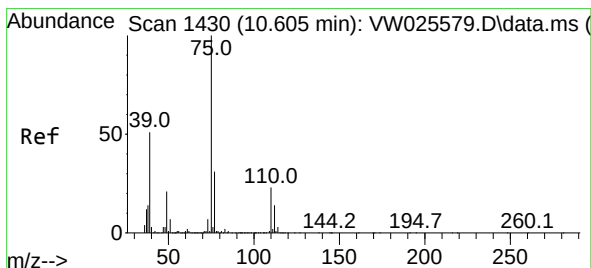
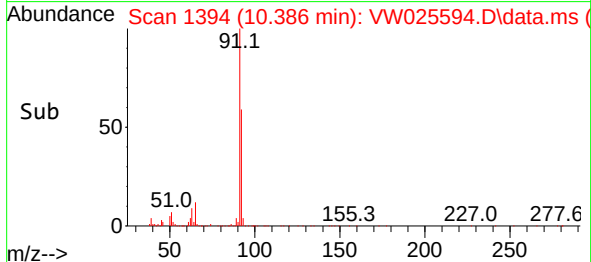
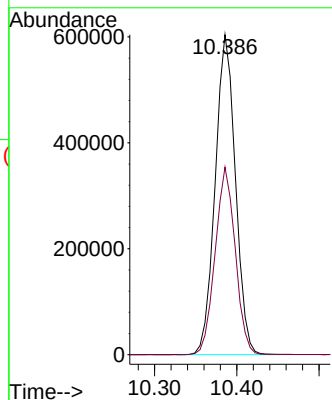
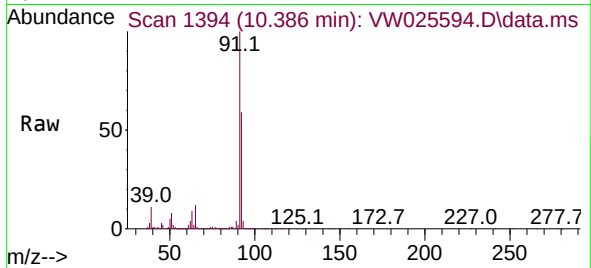




#42
Toluene
Concen: 24.977 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

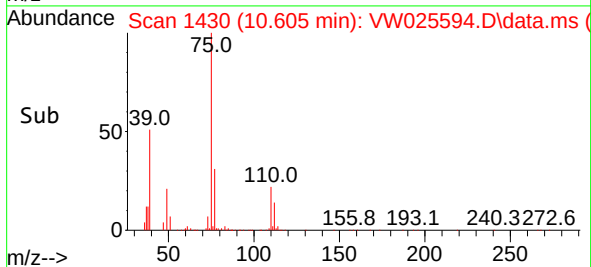
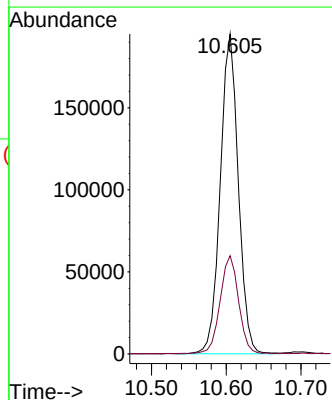
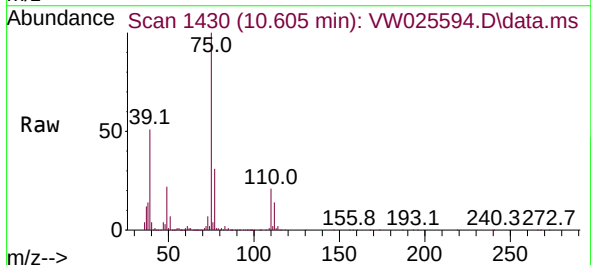
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

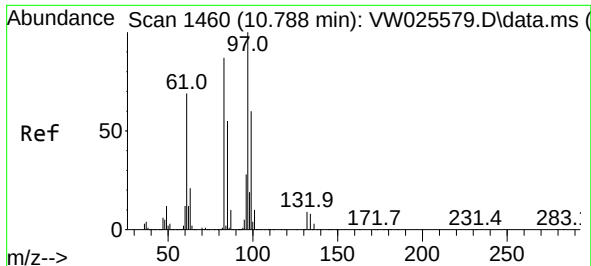
Tgt Ion: 91 Resp: 1033378
Ion Ratio Lower Upper
91 100
92 58.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.807 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 75 Resp: 327554
Ion Ratio Lower Upper
75 100
77 30.7 22.5 41.9



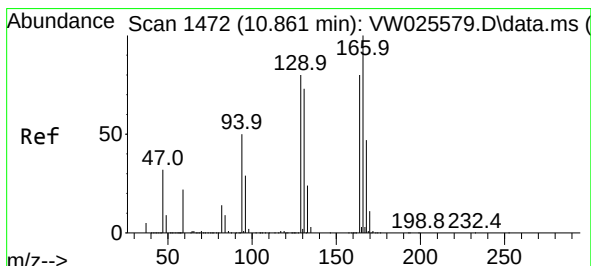
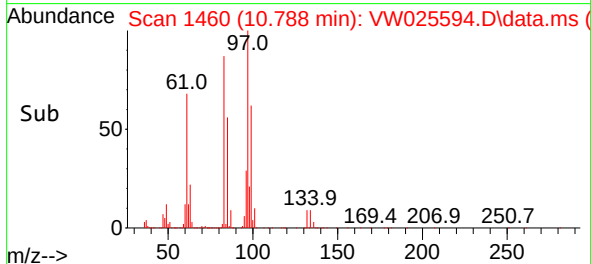
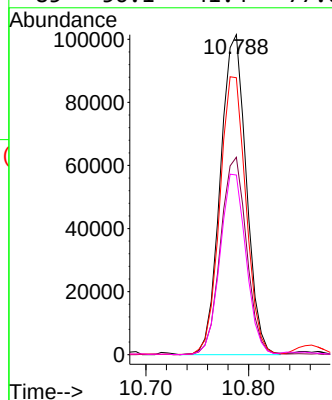
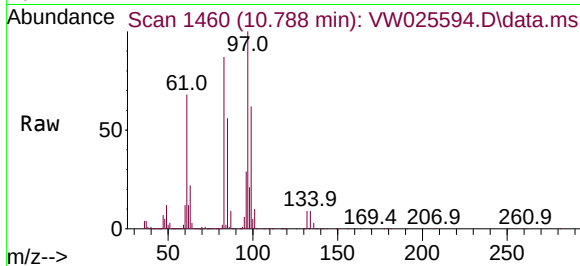


#45
1,1,2-Trichloroethane
Concen: 26.008 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

Tgt Ion: 97 Resp: 177950

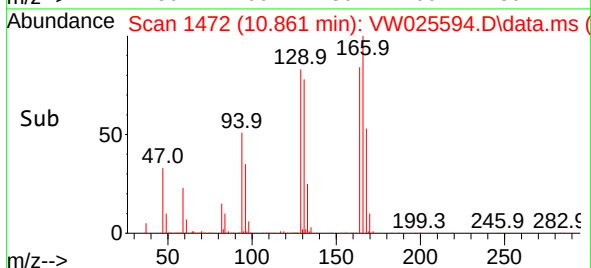
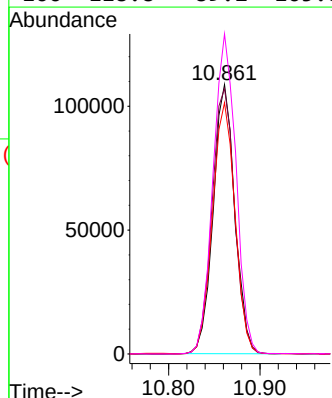
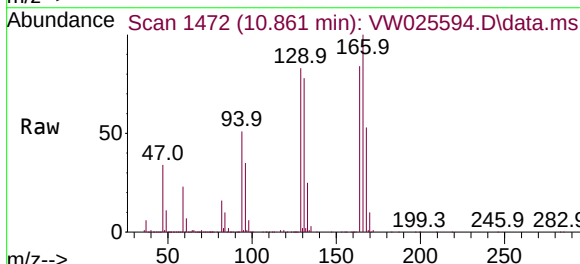
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	86.5	61.8	114.8
85	56.1	41.4	77.0

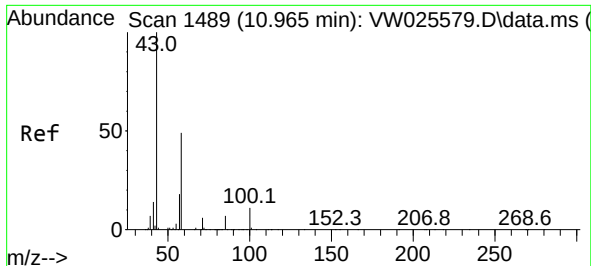


#46
Tetrachloroethene
Concen: 23.925 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 164 Resp: 177832

Ion	Ratio	Lower	Upper
164	100		
129	98.5	76.9	142.9
131	93.2	70.5	130.9
166	118.8	89.2	165.8



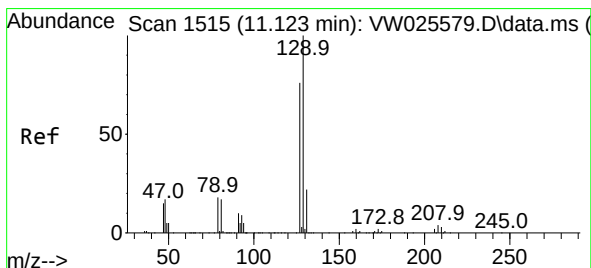
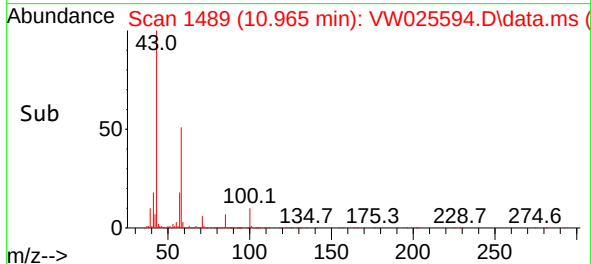
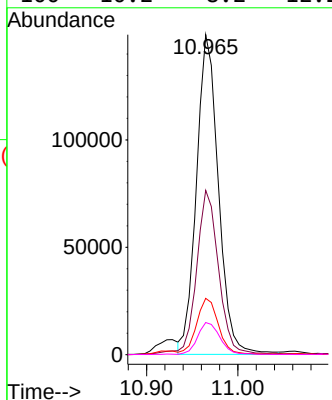
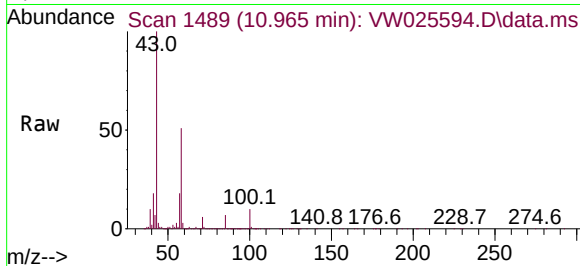


#48
2-Hexanone
Concen: 59.373 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

Tgt Ion: 43 Resp: 249164

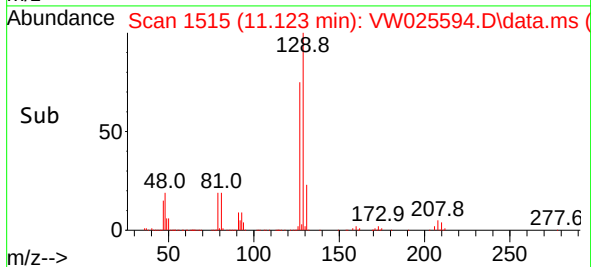
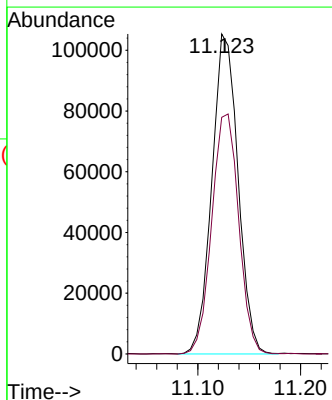
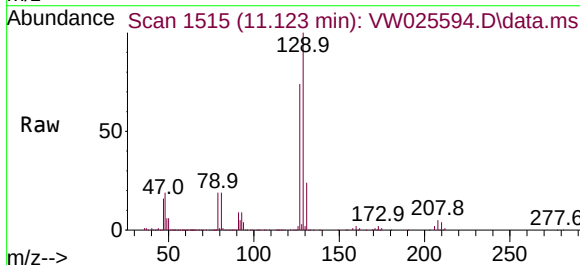
Ion	Ratio	Lower	Upper
43	100		
58	49.7	38.6	57.8
57	17.3	13.9	20.9
100	10.2	8.2	12.2

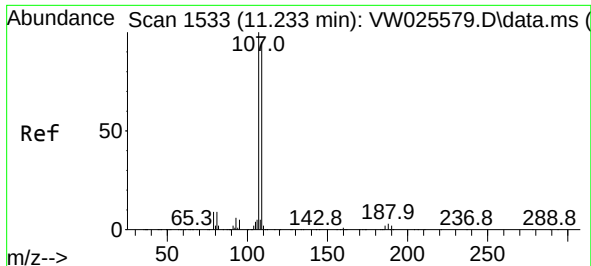


#49
Dibromochloromethane
Concen: 25.852 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 129 Resp: 186231

Ion	Ratio	Lower	Upper
129	100		
127	74.0	54.0	100.2





#50

1,2-Dibromoethane

Concen: 25.744 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

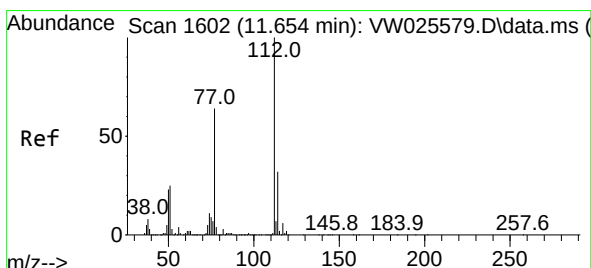
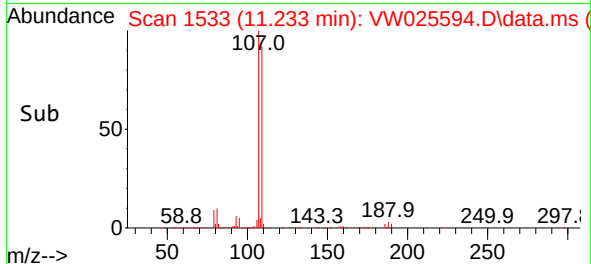
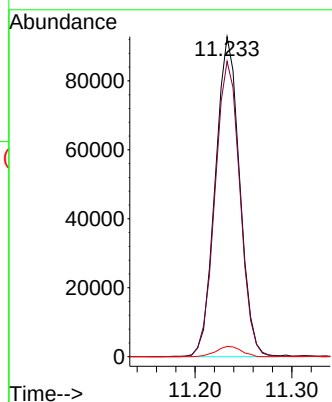
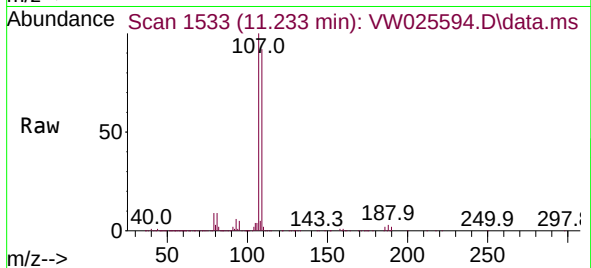
Tgt Ion:107 Resp: 161844

Ion Ratio Lower Upper

107 100

109 92.3 64.1 119.1

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 24.866 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

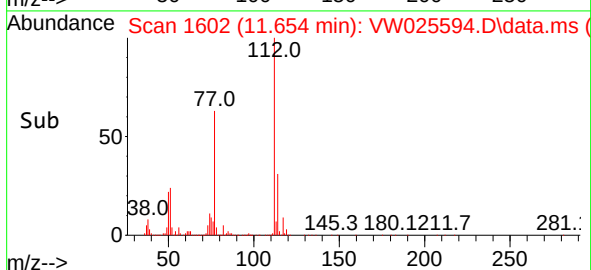
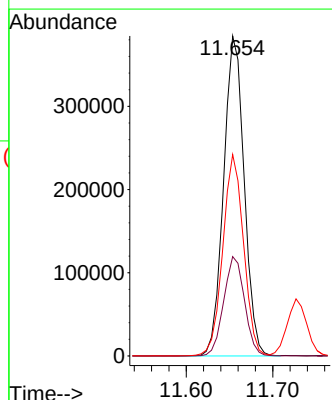
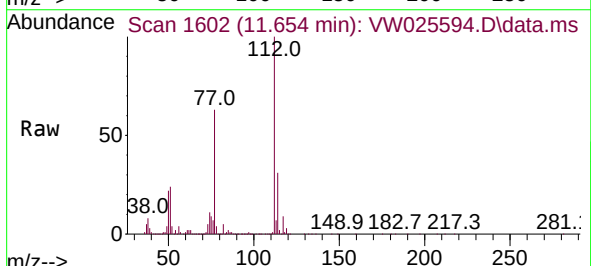
Tgt Ion:112 Resp: 633954

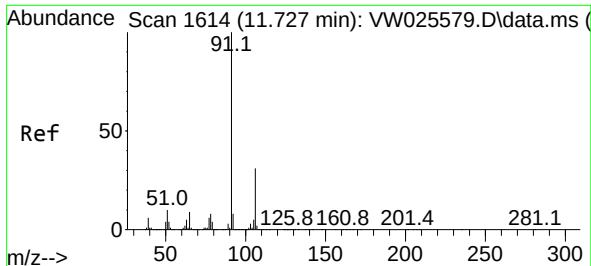
Ion Ratio Lower Upper

112 100

114 31.1 21.6 40.2

77 63.0 50.2 75.2

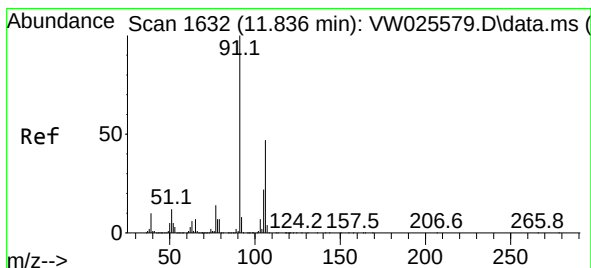
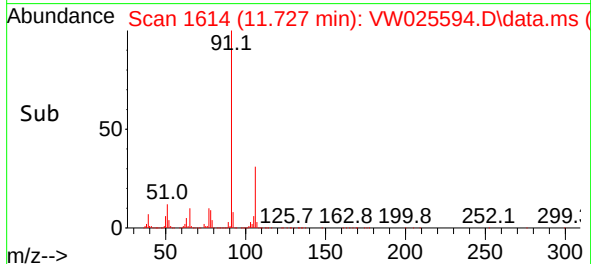
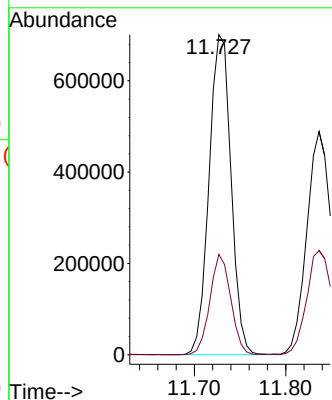
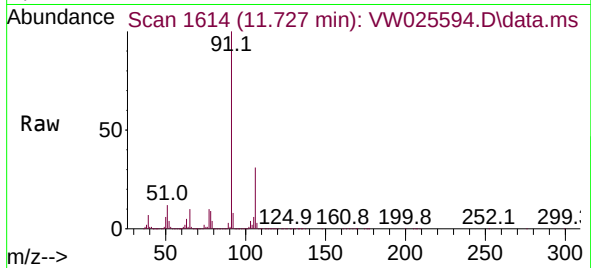




#52
Ethylbenzene
Concen: 25.031 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

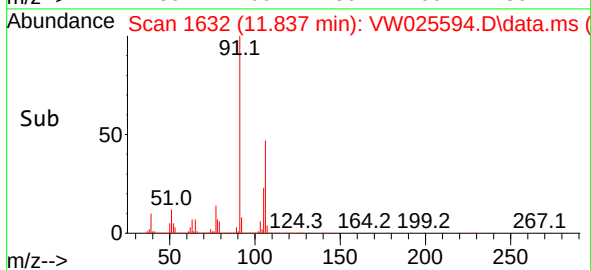
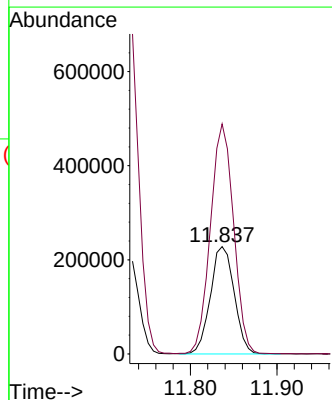
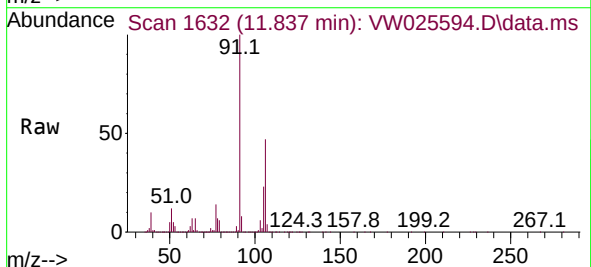
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

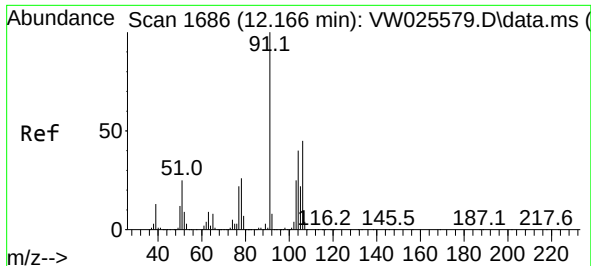
Tgt Ion: 91 Resp: 1171941
Ion Ratio Lower Upper
91 100
106 31.4 20.3 37.7



#53
m,p-Xylene
Concen: 25.391 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion:106 Resp: 435963
Ion Ratio Lower Upper
106 100
91 214.3 148.0 274.8

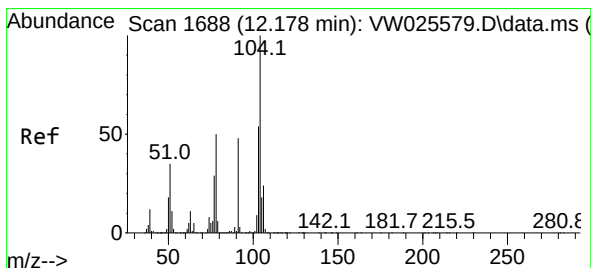
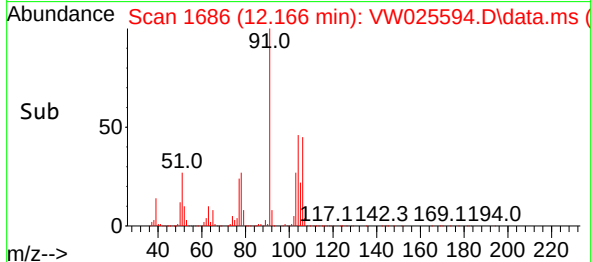
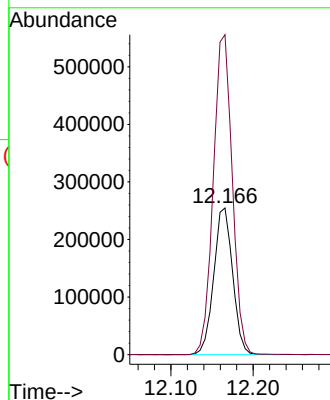
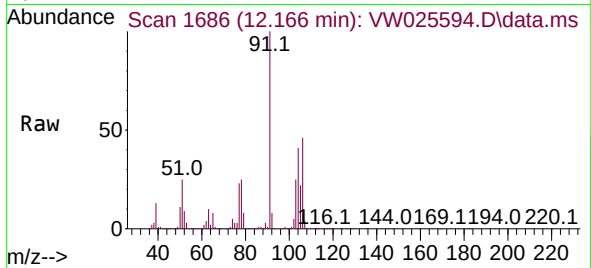




#54
o-Xylene
Concen: 25.367 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

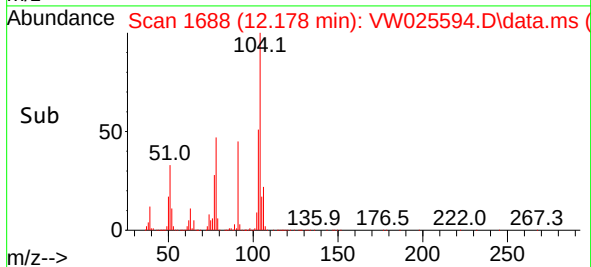
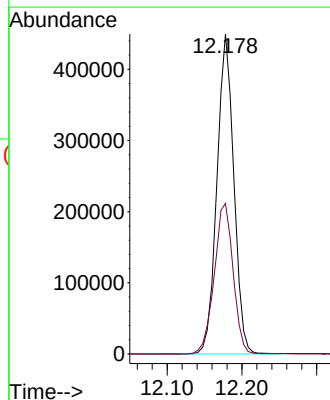
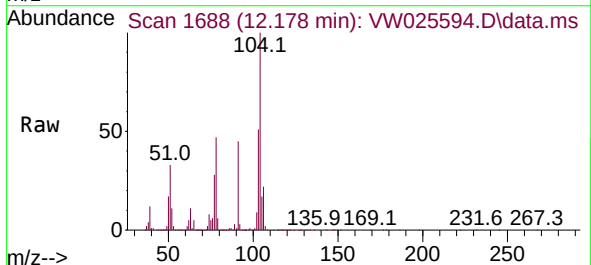
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

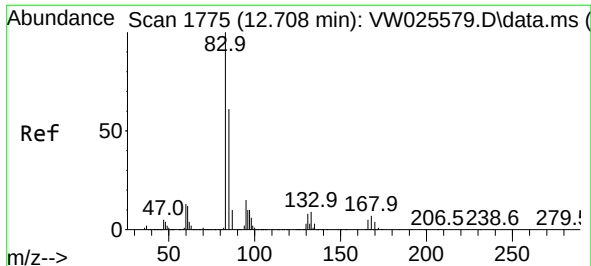
Tgt Ion:106 Resp: 407446
Ion Ratio Lower Upper
106 100
91 218.1 158.2 293.8



#55
Styrene
Concen: 26.055 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion:104 Resp: 704409
Ion Ratio Lower Upper
104 100
78 47.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.824 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

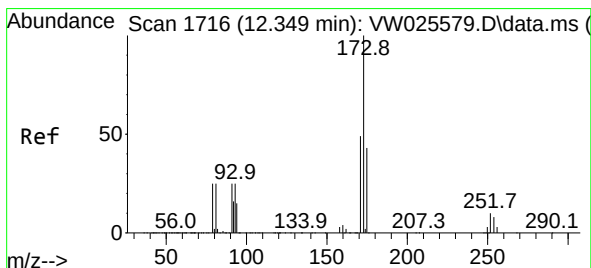
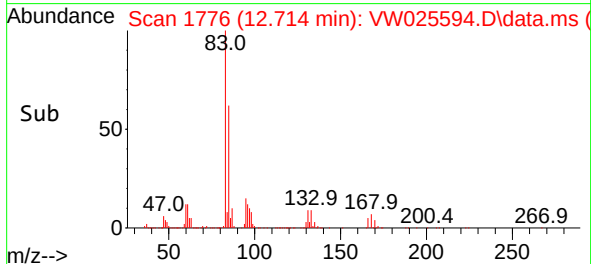
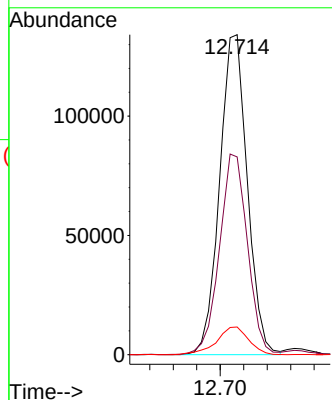
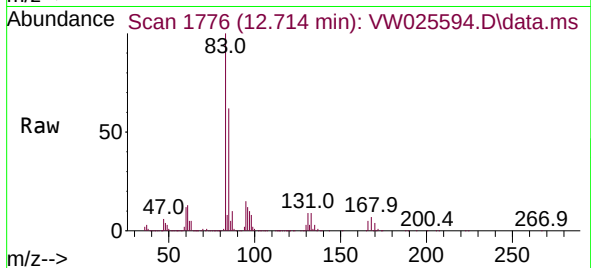
Tgt Ion: 83 Resp: 219838

Ion Ratio Lower Upper

83 100

85 61.8 43.5 80.7

131 8.7 7.0 10.4



#59

Bromoform

Concen: 25.676 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

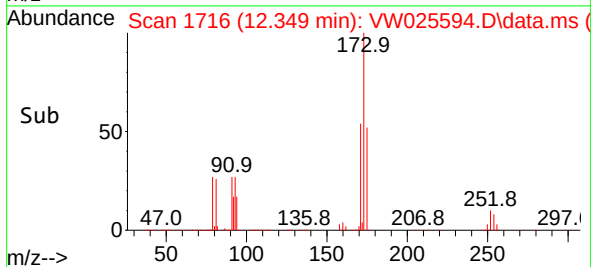
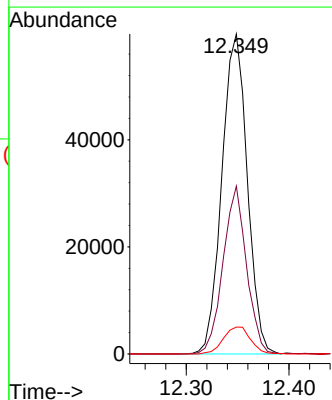
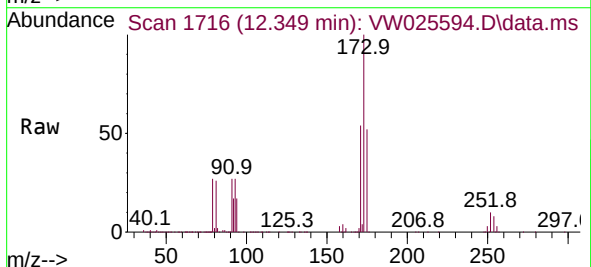
Tgt Ion: 173 Resp: 102488

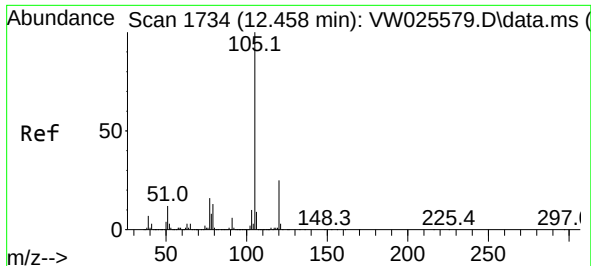
Ion Ratio Lower Upper

173 100

175 48.4 36.1 54.1

254 9.0 7.0 10.6

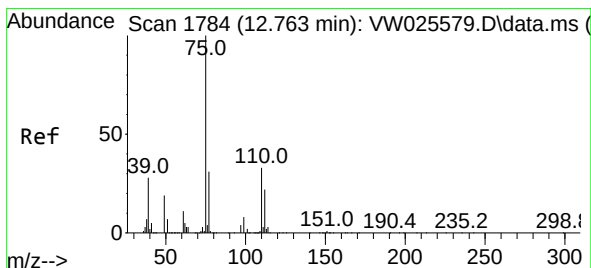
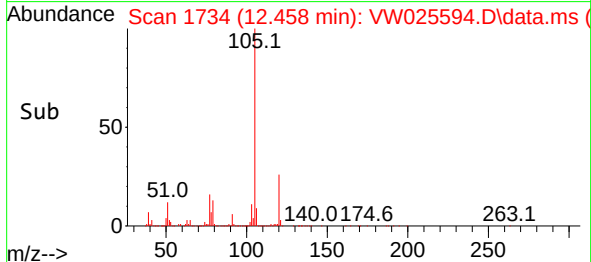
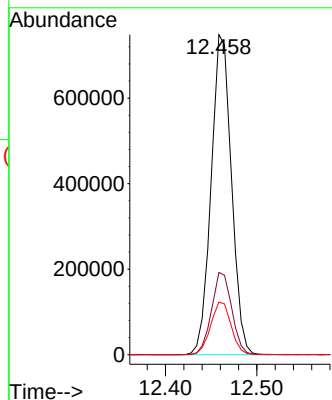
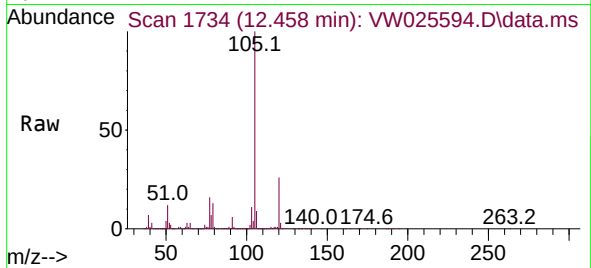




#60
Isopropylbenzene
Concen: 25.279 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

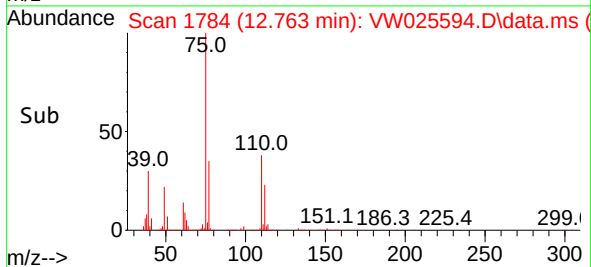
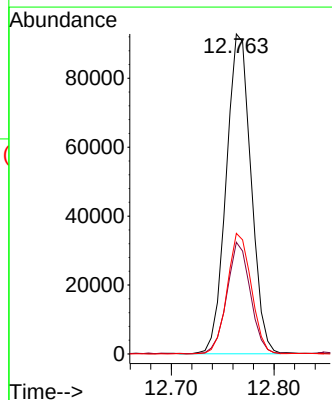
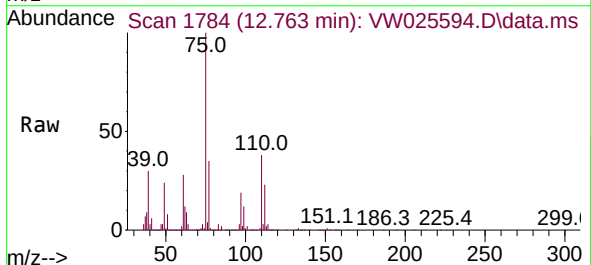
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

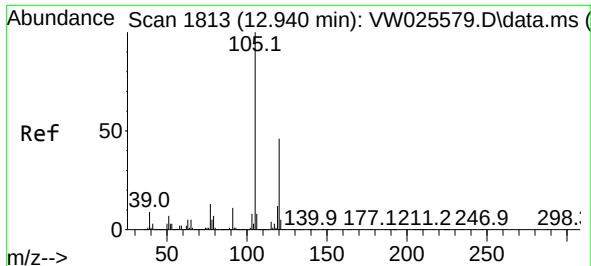
Tgt Ion:105 Resp: 1153442
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 25.817 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion: 75 Resp: 155861
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2
110 36.5 29.0 43.6





#62

1,3,5-Trimethylbenzene

Concen: 25.725 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

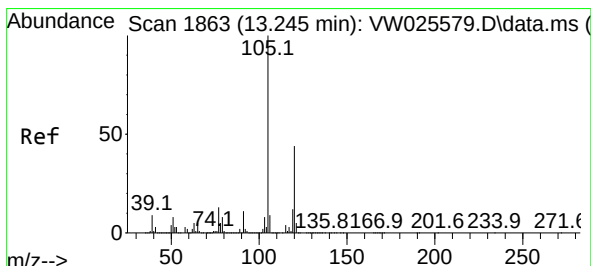
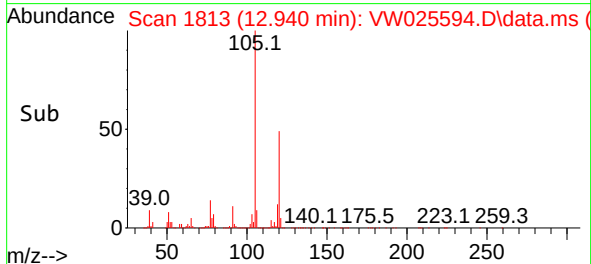
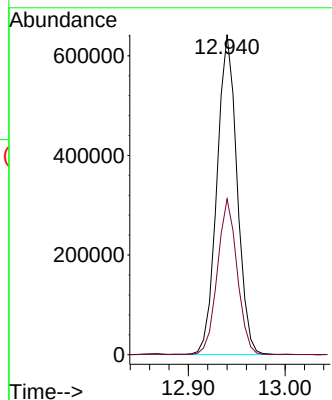
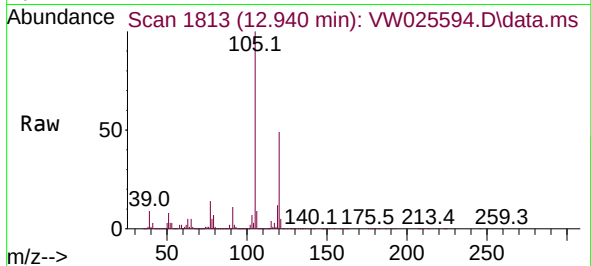
VSTD025573

Tgt Ion:105 Resp: 926607

Ion Ratio Lower Upper

105 100

120 47.7 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 25.973 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025594.D

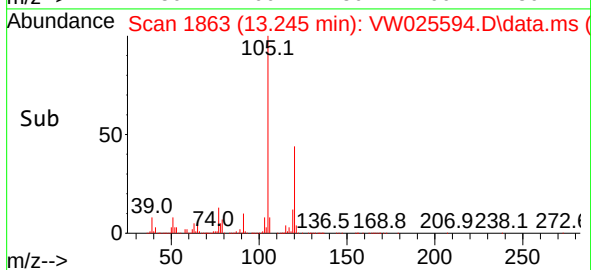
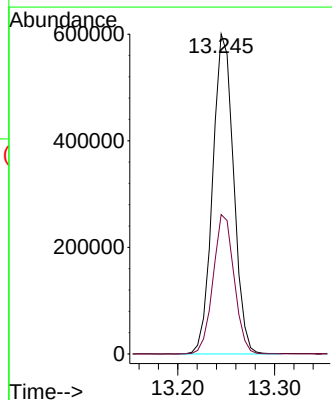
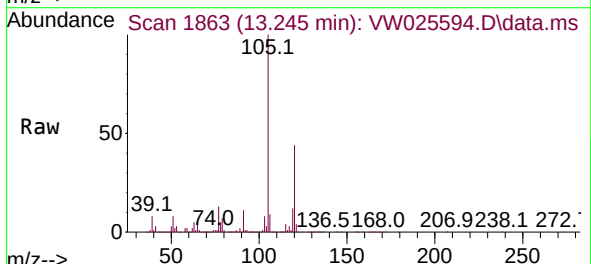
Acq: 20 Apr 2023 09:42

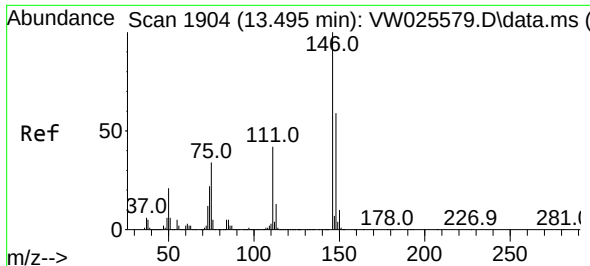
Tgt Ion:105 Resp: 900831

Ion Ratio Lower Upper

105 100

120 43.7 34.8 52.2

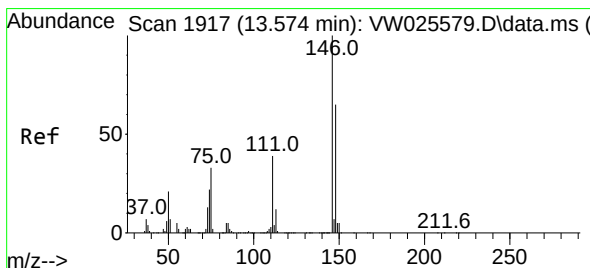
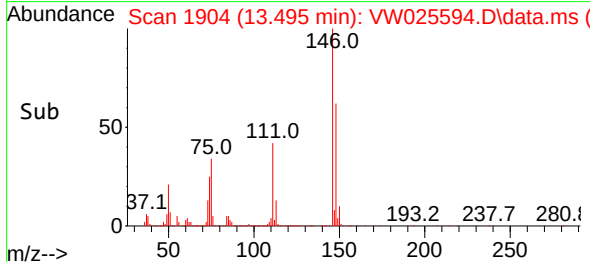
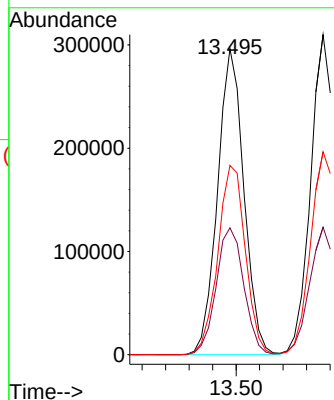
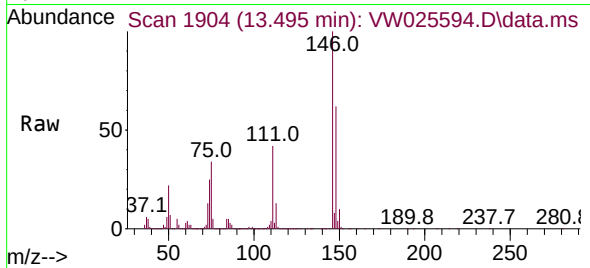




#64
1,3-Dichlorobenzene
Concen: 24.425 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

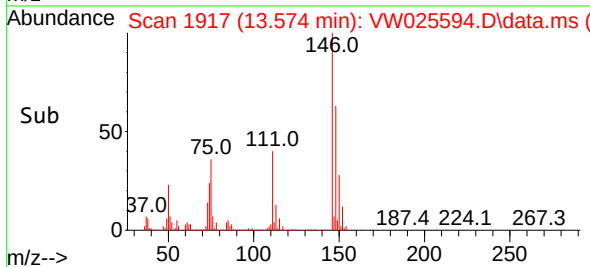
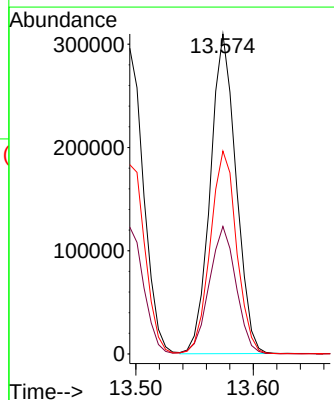
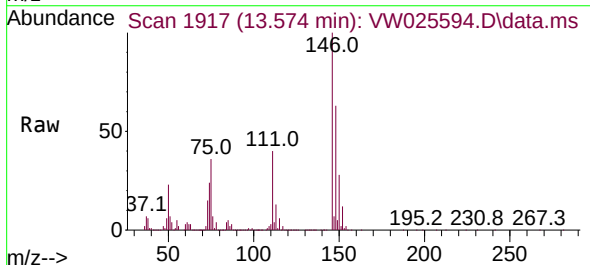
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

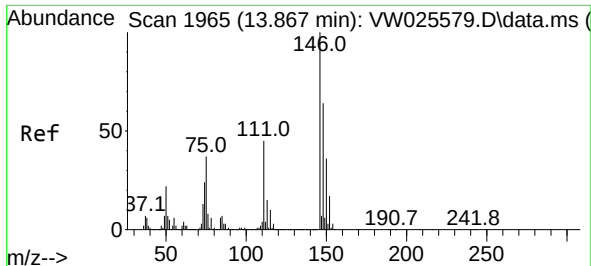
Tgt Ion:146 Resp: 461849
Ion Ratio Lower Upper
146 100
111 41.5 29.7 55.1
148 61.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 24.433 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025594.D
Acq: 20 Apr 2023 09:42

Tgt Ion:146 Resp: 471816
Ion Ratio Lower Upper
146 100
111 39.8 30.4 56.5
148 63.4 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 24.847 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

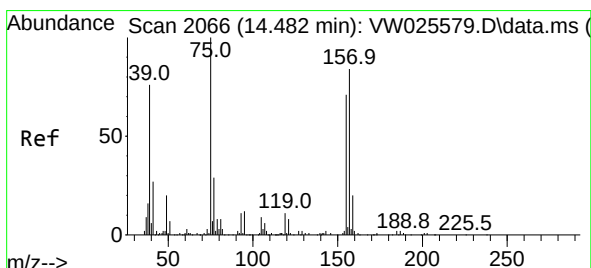
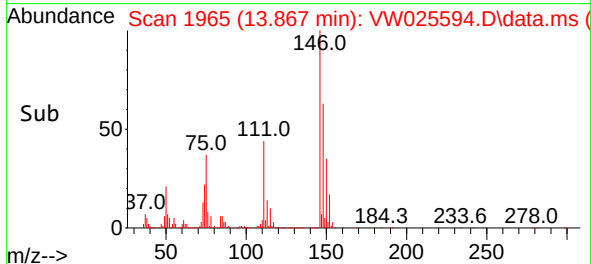
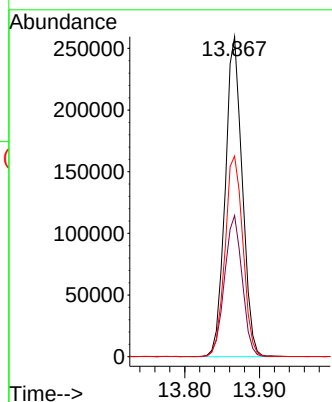
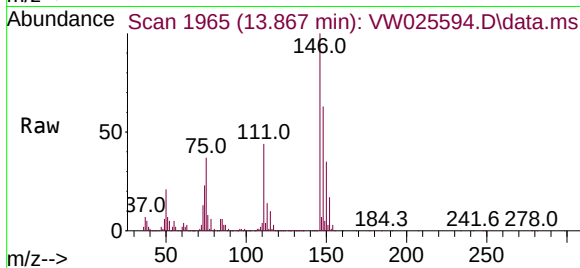
Tgt Ion:146 Resp: 411885

Ion Ratio Lower Upper

146 100

111 44.1 35.3 52.9

148 62.7 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.715 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

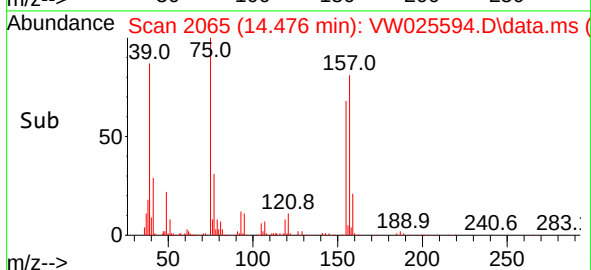
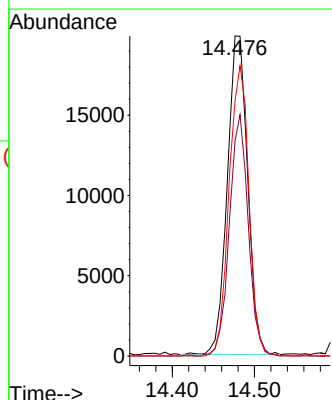
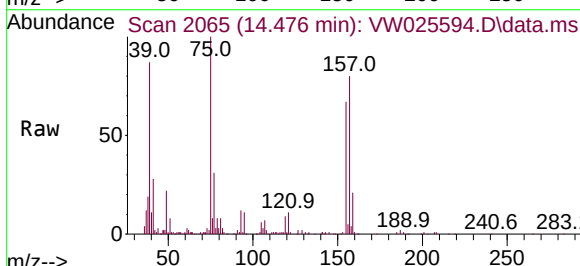
Tgt Ion: 75 Resp: 34055

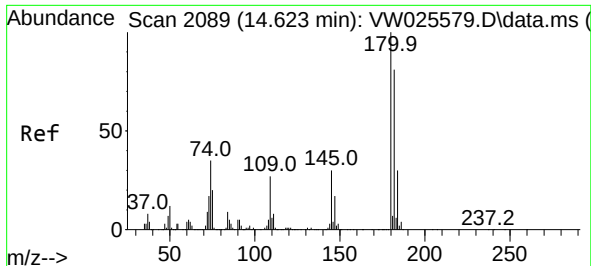
Ion Ratio Lower Upper

75 100

155 67.3 61.1 91.7

157 79.8 72.8 109.2

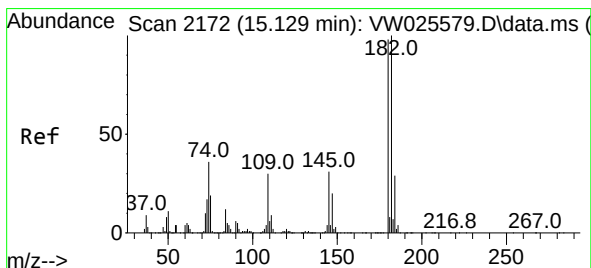
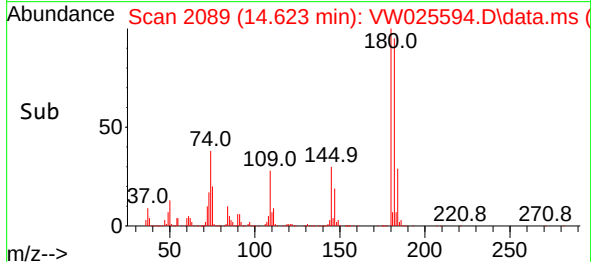
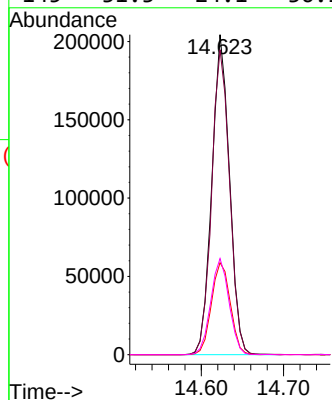
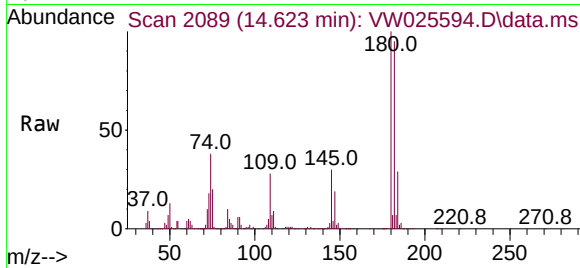




#69
 1,3,5-Trichlorobenzene
 Concen: 24.071 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW025594.D
 Acq: 20 Apr 2023 09:42

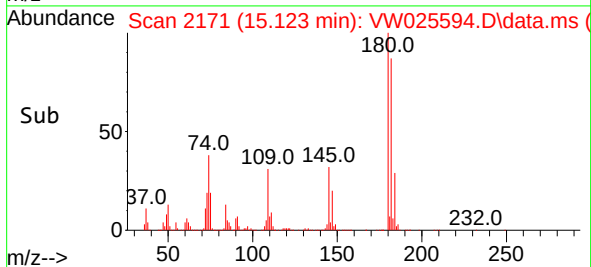
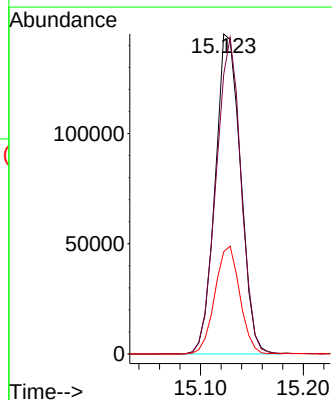
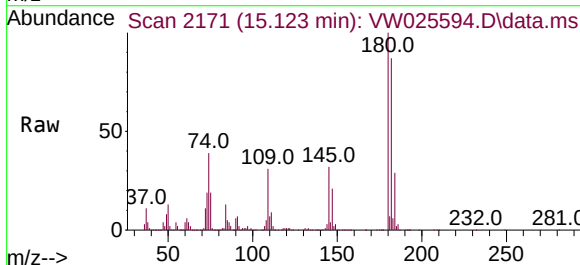
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

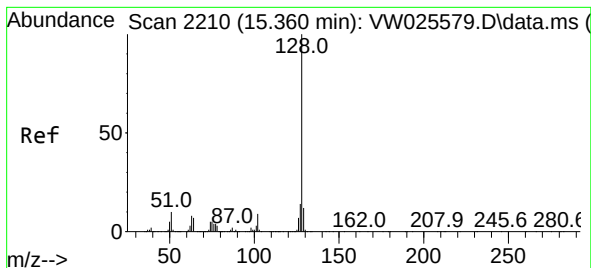
Tgt Ion:180 Resp: 304738
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.4 114.6
 184 30.6 24.1 36.1
 145 31.3 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 24.194 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW025594.D
 Acq: 20 Apr 2023 09:42

Tgt Ion:180 Resp: 248814
 Ion Ratio Lower Upper
 180 100
 182 97.3 79.5 119.3
 145 33.0 27.4 41.0





#71

Naphthalene

Concen: 26.419 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

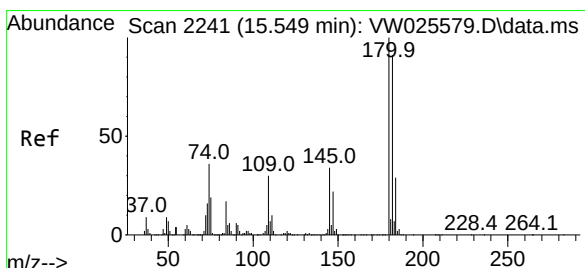
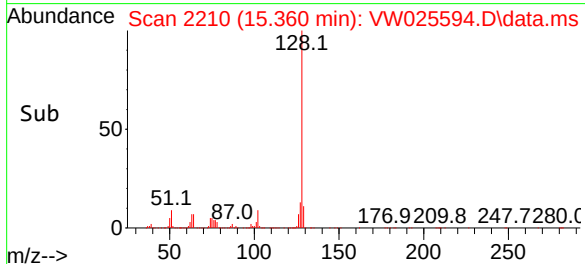
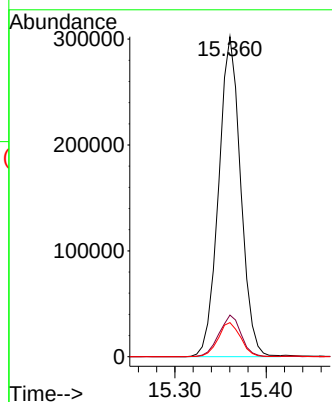
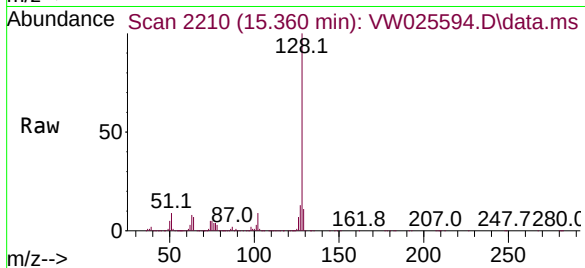
Tgt Ion:128 Resp: 506966

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.433 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025594.D

Acq: 20 Apr 2023 09:42

Tgt Ion:180 Resp: 219687

Ion Ratio Lower Upper

180 100

182 98.9 72.9 109.3

145 34.7 27.0 40.6

