

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042022\
 Data File : VW022597.D
 Acq On : 20 Apr 2022 18:23
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 21 01:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 21 01:19:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	309363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	303732	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	167983	24.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.240%
7) Chloroethane-d5	2.891	69	114703	26.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.040%
11) 1,1-Dichloroethene-d2	4.025	63	226576	25.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.160%
21) 2-Butanone-d5	7.074	46	66426	55.633	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.260%
24) Chloroform-d	7.653	84	284156	29.386	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.560%
26) 1,2-Dichloroethane-d4	8.305	65	151936	27.500	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	8.275	84	547338	29.495	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.000%
36) 1,2-Dichloropropane-d6	9.274	67	153713	28.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.480%
41) Toluene-d8	10.323	98	530247	29.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.720%
43) trans-1,3-Dichloroprop...	10.579	79	67810	26.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.040%
47) 2-Hexanone-d5	10.920	63	56198	56.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134447	29.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	178799	29.726	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	23715	15.638	ug/L	97
3) Chloromethane	2.221	50	63832	16.882	ug/L	97
5) Vinyl chloride	2.361	62	135887	17.224	ug/L	97
6) Bromomethane	2.782	94	77163	16.089	ug/L	89
8) Chloroethane	2.922	64	63381	18.350	ug/L	95
9) Trichlorofluoromethane	3.257	101	66236	22.740	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	98897	21.323	ug/L	96
12) 1,1-Dichloroethene	4.044	96	87811	21.081	ug/L	91
13) Acetone	4.123	43	33674	41.422	ug/L	96
14) Carbon disulfide	4.385	76	215549	15.730	ug/L	99
16) Methylene chloride	4.922	84	99244	21.320	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	97840	20.051	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	162791	20.428	ug/L	96
19) 1,1-Dichloroethane	6.220	63	175660	19.729	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	111030	21.544	ug/L #	91
22) 2-Butanone	7.171	43	52406	42.682	ug/L	94
23) Bromochloromethane	7.519	128	48684	21.950	ug/L	85
25) Chloroform	7.677	83	199143	21.236	ug/L	100
27) 1,2-Dichloroethane	8.403	62	130015	19.726	ug/L #	96

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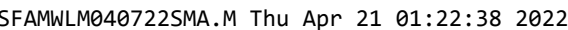
Instrument :
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 ClientSampleId :

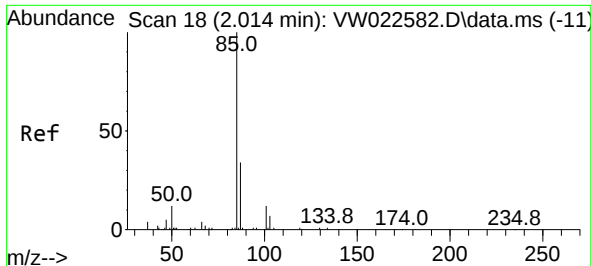
Quant Time: Apr 21 01:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 21 01:19:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	148736	17.110	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	170436	20.229	ug/L	97
31) Carbon tetrachloride	8.067	117	152845	20.212	ug/L	100
33) Benzene	8.323	78	408578	19.813	ug/L	100
34) Trichloroethene	9.091	95	112404	20.358	ug/L	93
35) Methylcyclohexane	9.335	83	181134	18.285	ug/L	95
37) 1,2-Dichloropropane	9.366	63	98811	20.002	ug/L	99
38) Bromodichloromethane	9.646	83	144285	20.310	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	160522	20.477	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	121073	40.158	ug/L	95
42) Toluene	10.390	91	473473	20.037	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	141776	20.198	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	81739	21.679	ug/L	96
46) Tetrachloroethene	10.859	164	79800	19.662	ug/L	98
48) 2-Hexanone	10.963	43	78773	37.036	ug/L #	92
49) Dibromochloromethane	11.128	129	101203	22.507	ug/L	92
50) 1,2-Dibromoethane	11.237	107	79994	21.487	ug/L	99
51) Chlorobenzene	11.658	112	306136	21.201	ug/L	94
52) Ethylbenzene	11.725	91	525452	19.839	ug/L	97
53) m,p-Xylene	11.835	106	210946	20.946	ug/L	94
54) o-Xylene	12.164	106	201679	20.956	ug/L	94
55) Styrene	12.176	104	341510	20.770	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	99542	21.510	ug/L	96
59) Bromoform	12.347	173	52286	20.721	ug/L	98
60) Isopropylbenzene	12.463	105	560313	19.863	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	75583	20.923	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	315114	20.312	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	477045	20.221	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	239860	20.951	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	241244	21.129	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	215604	21.058	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	15421	18.407	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	161345	21.600	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	133951	21.352	ug/L	98
71) Naphthalene	15.359	128	274069	20.713	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	113392	21.146	ug/L	95

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

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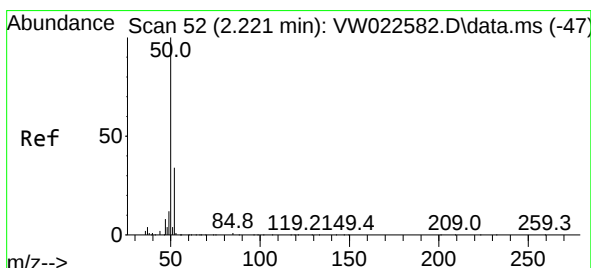
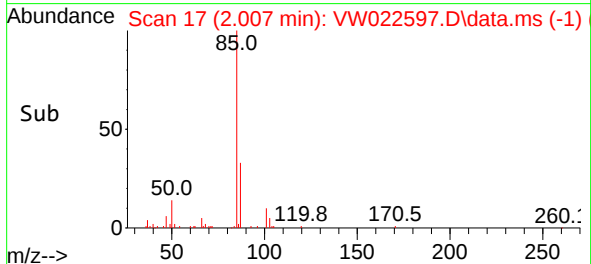
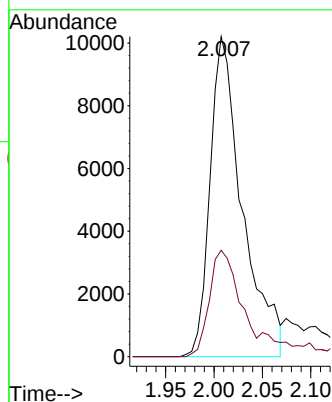
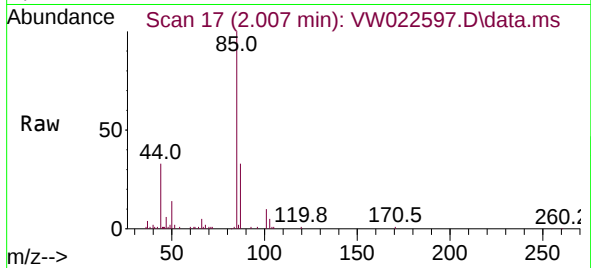




#2
 Dichlorodifluoromethane
 Concen: 15.638 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

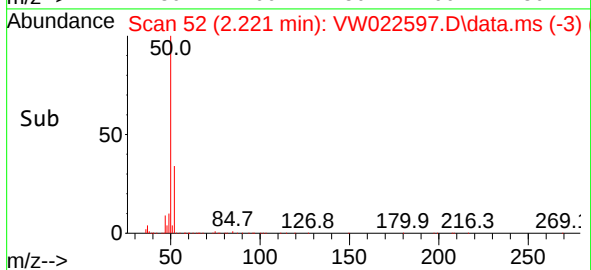
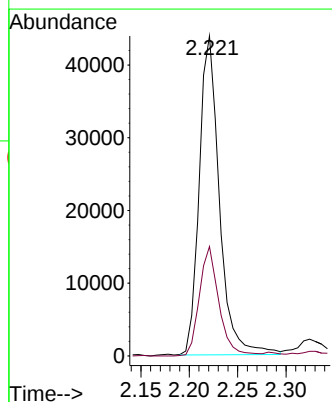
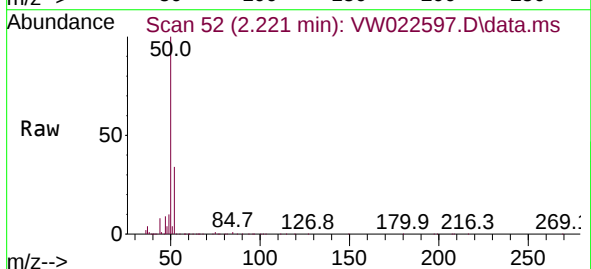
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 ClientSampleId :

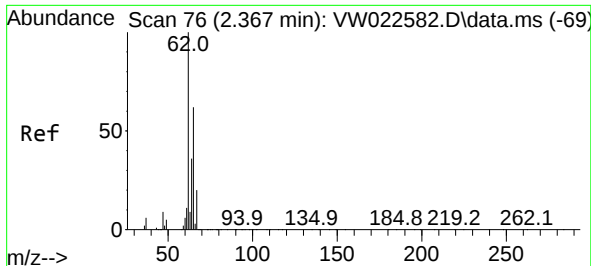
Tgt Ion: 85 Resp: 23715
 Ion Ratio Lower Upper
 85 100
 87 31.0 23.7 35.5



#3
 Chloromethane
 Concen: 16.882 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

Tgt Ion: 50 Resp: 63832
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.0 42.6

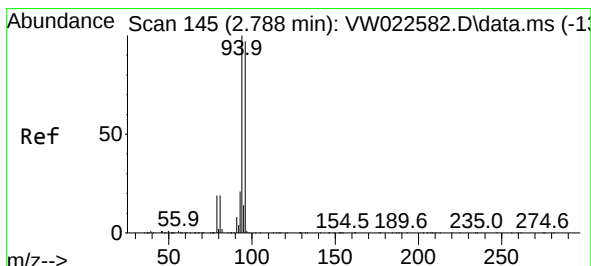
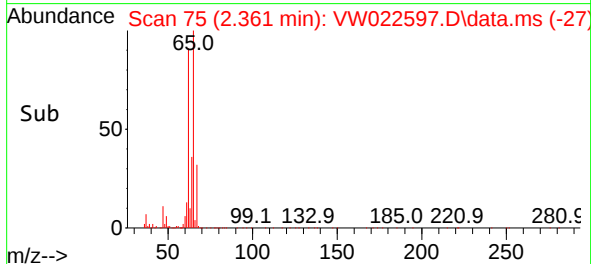
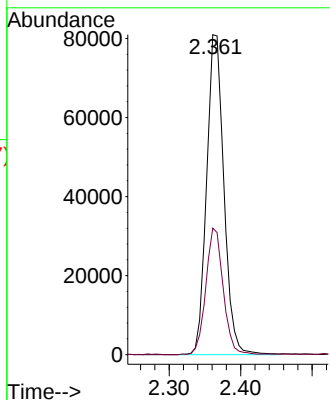
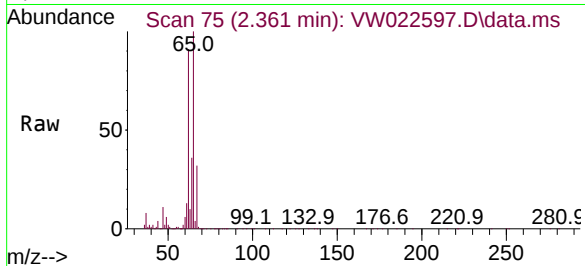




#5
 Vinyl chloride
 Concen: 17.224 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

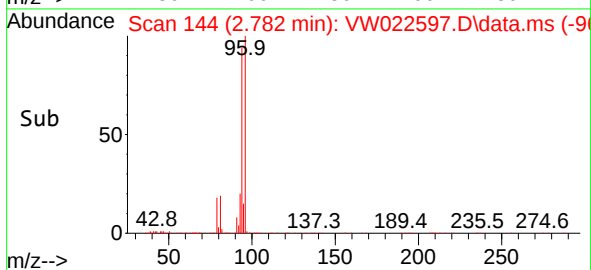
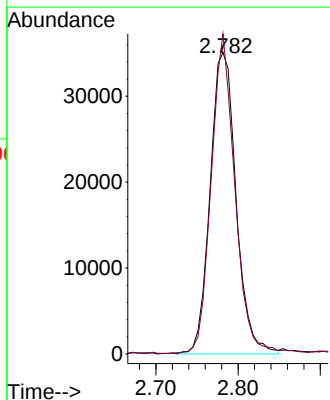
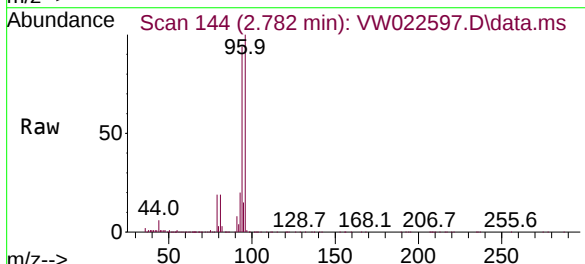
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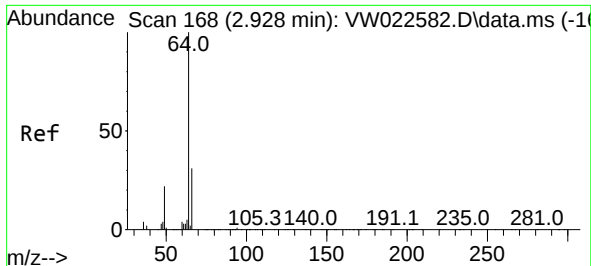
Tgt Ion: 62 Resp: 135887
 Ion Ratio Lower Upper
 62 100
 64 39.6 26.5 49.3



#6
 Bromomethane
 Concen: 16.089 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

Tgt Ion: 94 Resp: 77163
 Ion Ratio Lower Upper
 94 100
 96 106.1 66.6 123.6

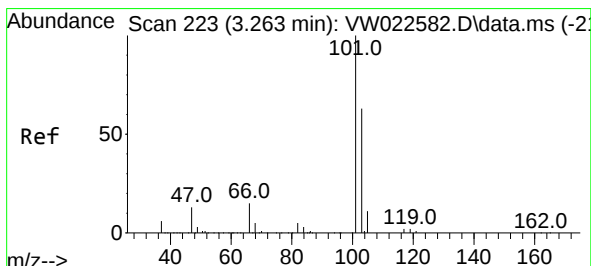
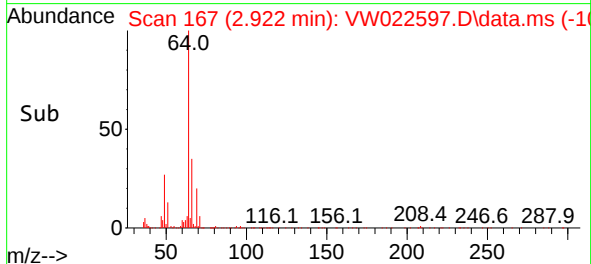
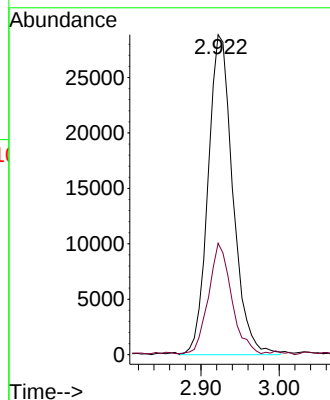
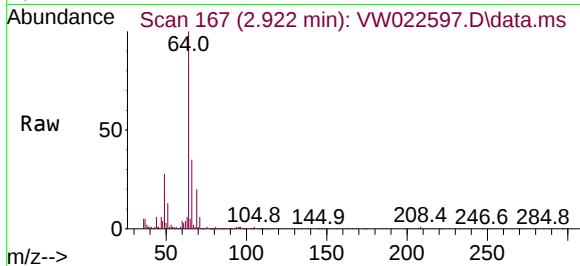




#8
Chloroethane
Concen: 18.350 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

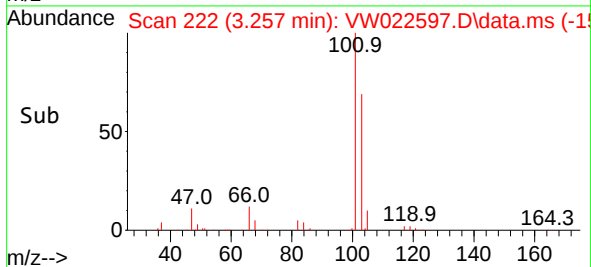
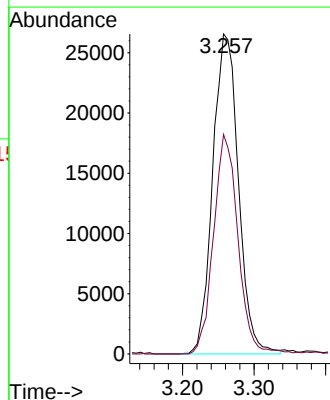
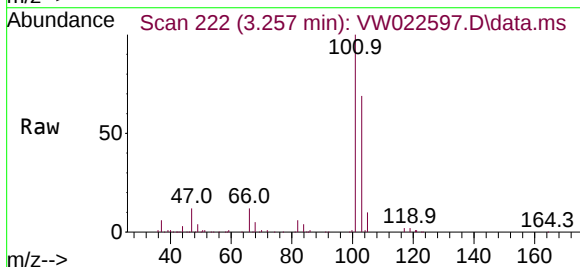
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ClientSampleId :

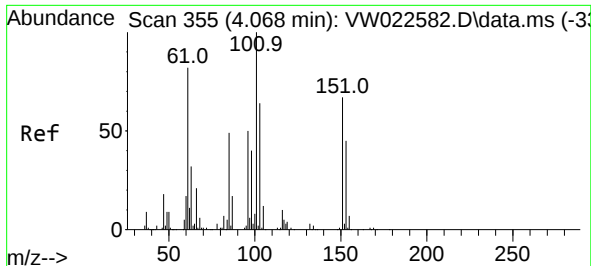
Tgt Ion: 64 Resp: 63381
Ion Ratio Lower Upper
64 100
66 34.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.740 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion: 101 Resp: 66236
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

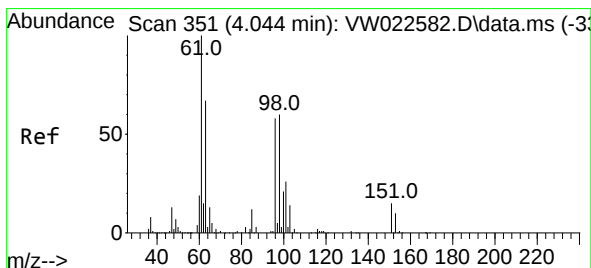
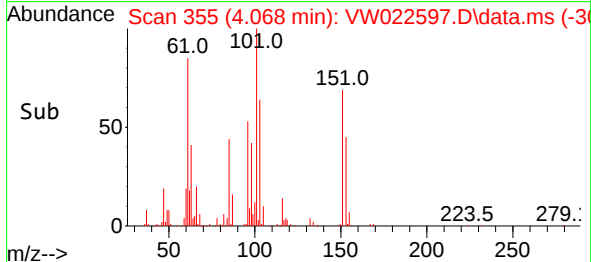
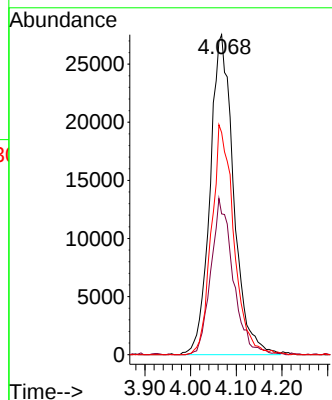
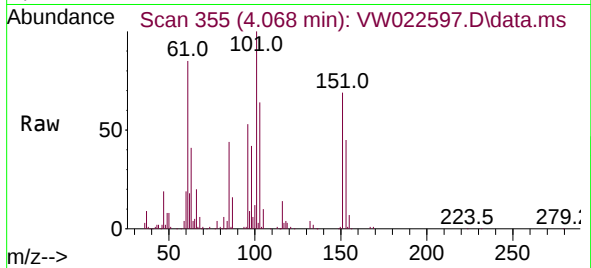




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.323 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

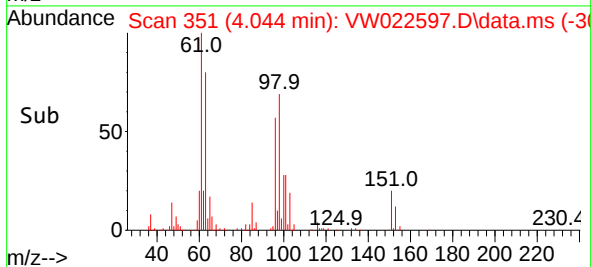
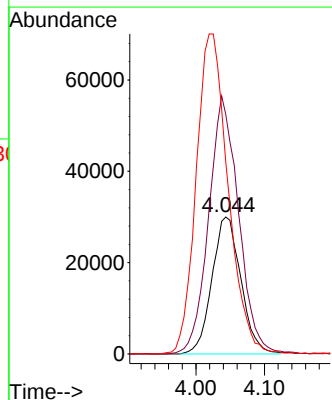
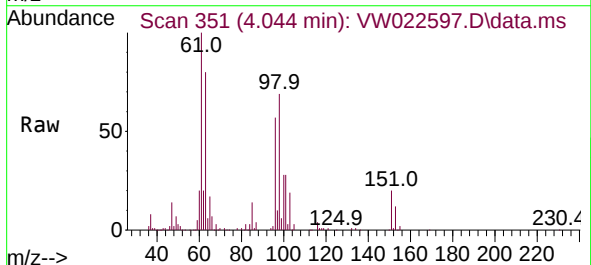
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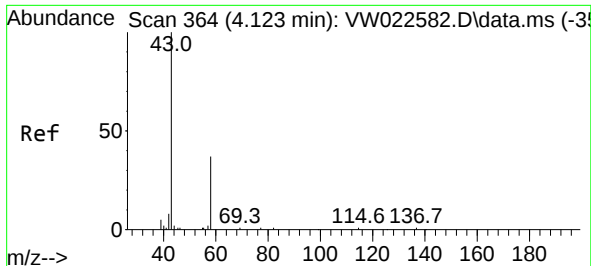
Tgt Ion:101 Resp: 98897
 Ion Ratio Lower Upper
 101 100
 85 45.1 39.2 58.8
 151 67.6 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 21.081 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

Tgt Ion: 96 Resp: 87811
 Ion Ratio Lower Upper
 96 100
 61 174.7 128.0 237.6
 63 139.7 86.6 160.8

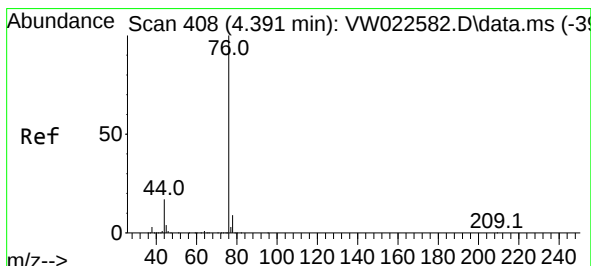
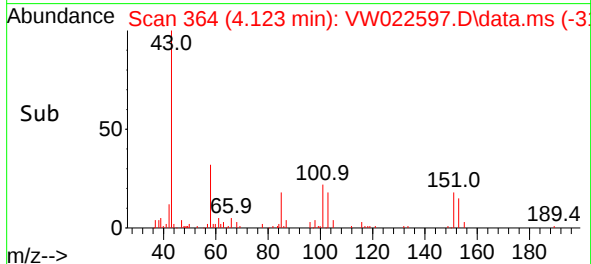
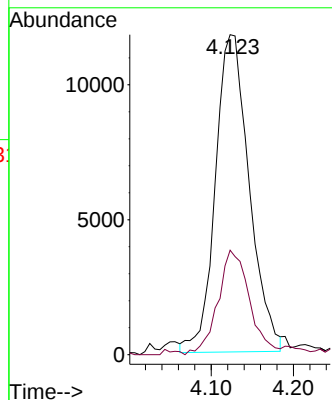
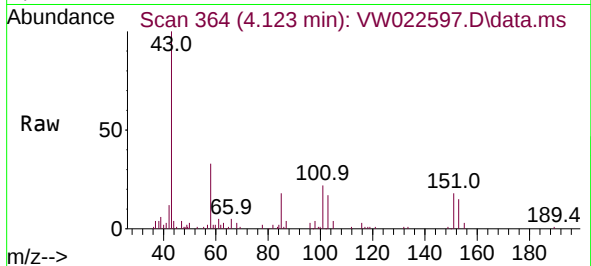




#13
Acetone
Concen: 41.422 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

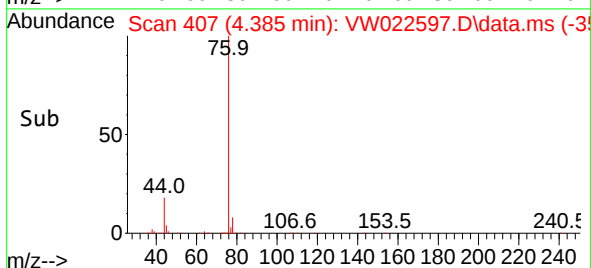
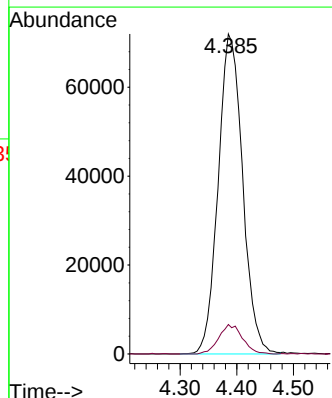
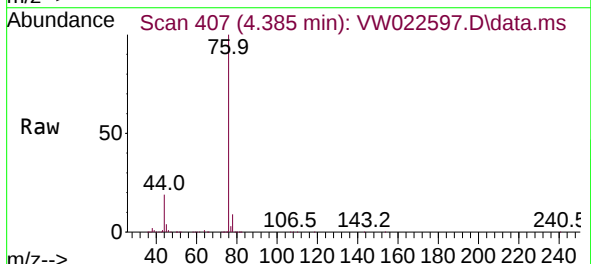
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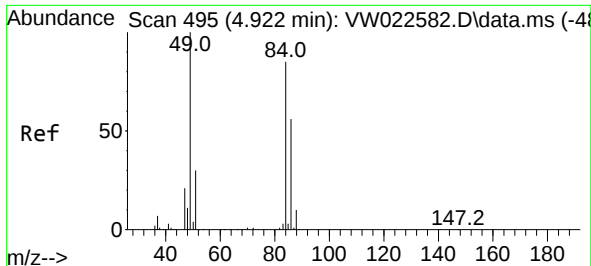
Tgt Ion: 43 Resp: 33674
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.0



#14
Carbon disulfide
Concen: 15.730 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW022597.D
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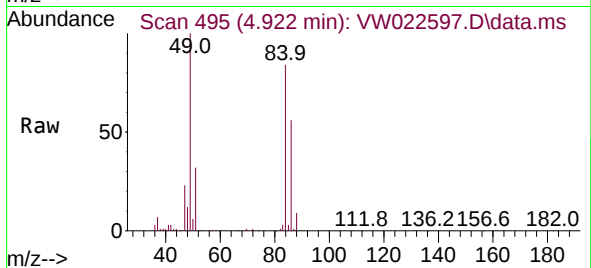
Tgt Ion: 76 Resp: 215549
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



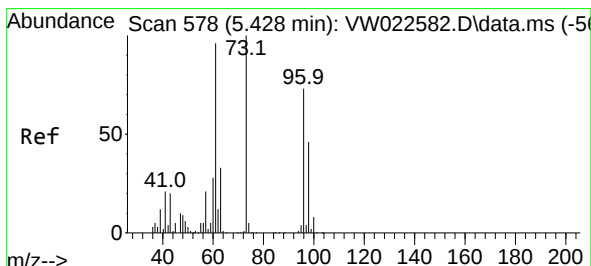
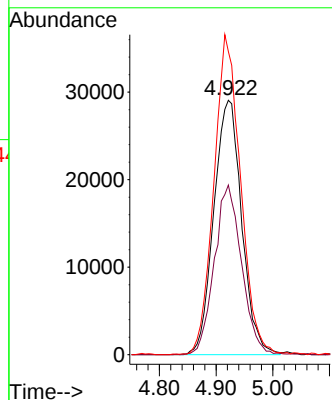
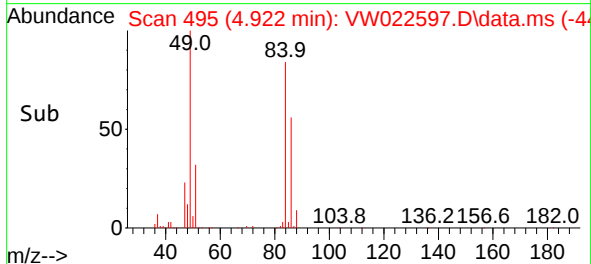


#16
Methylene chloride
Concen: 21.320 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Instrument :
MSVOA_W
ClientSampleId :

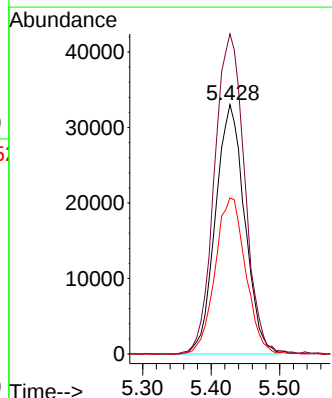
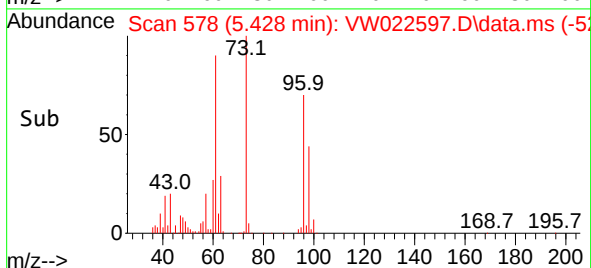
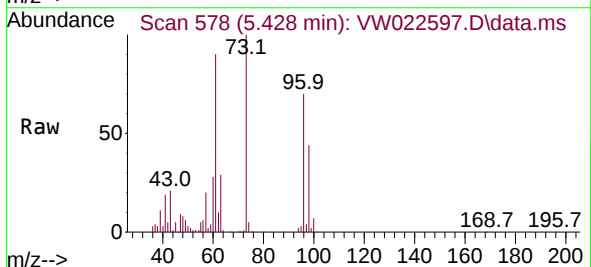


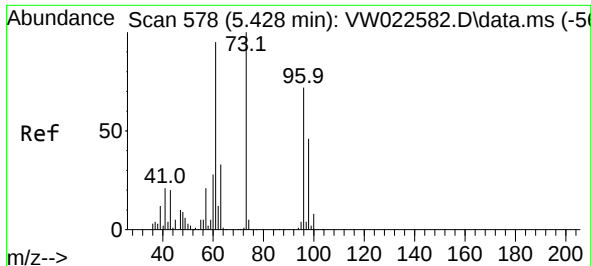
Tgt Ion: 84 Resp: 99244
Ion Ratio Lower Upper
84 100
86 66.7 42.8 79.4
49 119.2 94.2 175.0



#17
trans-1,2-Dichloroethene
Concen: 20.051 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion: 96 Resp: 97840
Ion Ratio Lower Upper
96 100
61 128.4 99.8 185.4
98 62.6 44.6 82.8

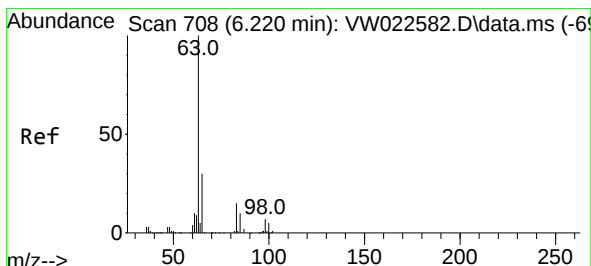
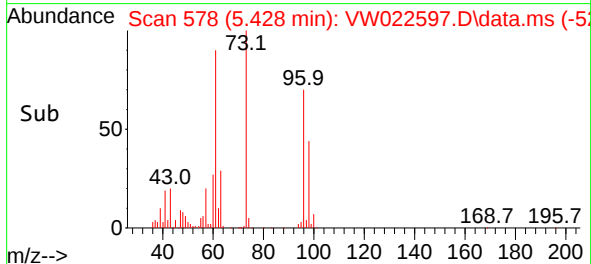
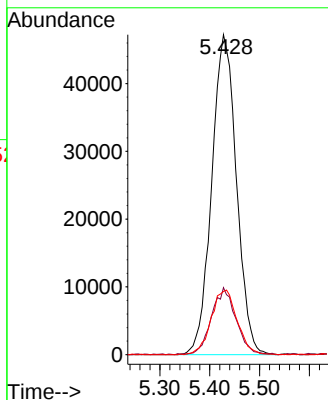
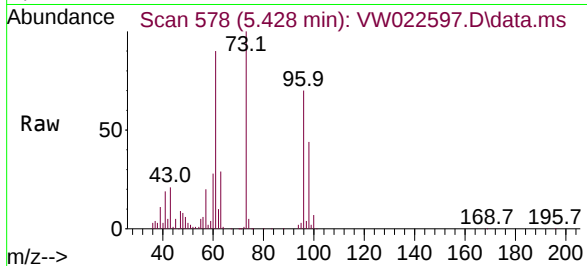




#18
Methyl tert-butyl Ether
Concen: 20.428 ug/L
RT: 5.428 min Scan# 518
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

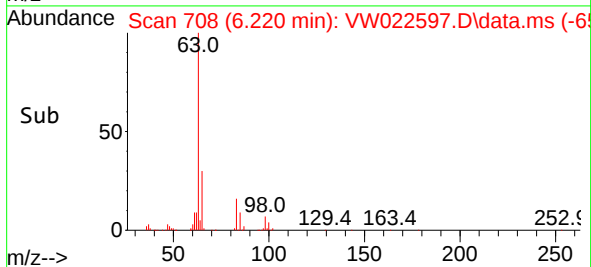
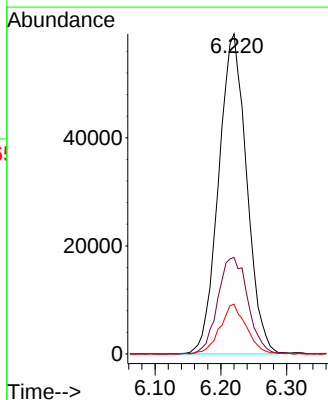
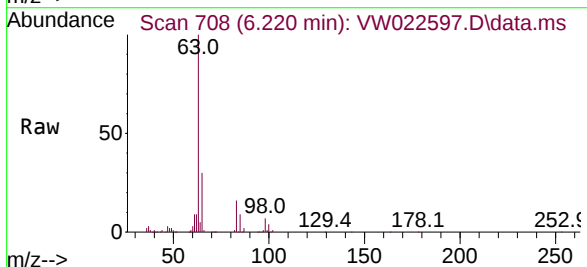
Instrument :
MSVOA_W
ClientSampleId :

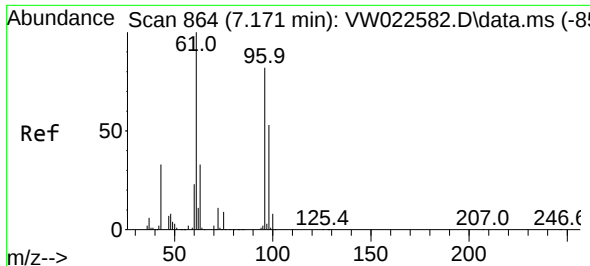
Tgt Ion: 73 Resp: 162791
Ion Ratio Lower Upper
73 100
43 20.3 18.8 28.2
57 21.2 17.5 26.3



#19
1,1-Dichloroethane
Concen: 19.729 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

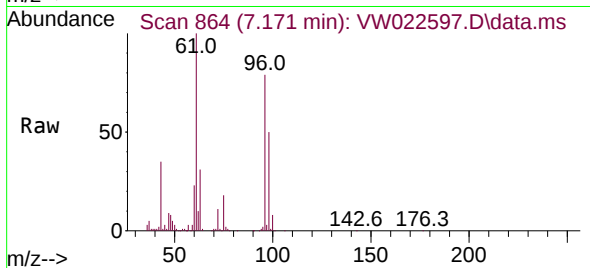
Tgt Ion: 63 Resp: 175660
Ion Ratio Lower Upper
63 100
65 30.2 21.1 39.3
83 15.5 10.1 18.9



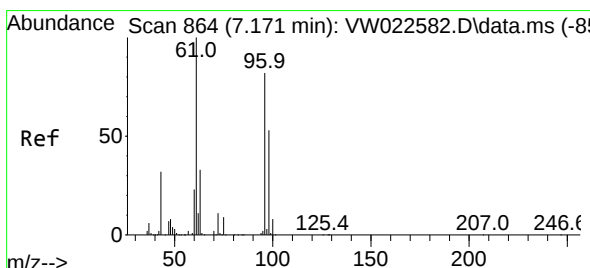
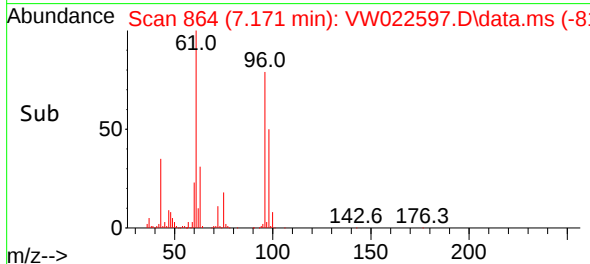
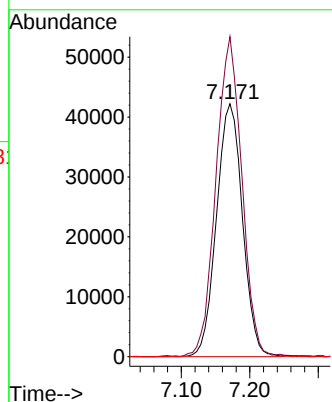


#20
 cis-1,2-Dichloroethene
 Concen: 21.544 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

Instrument :
 MSVOA_W
 ClientSampleId :

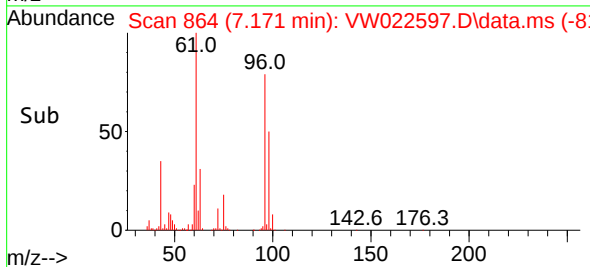
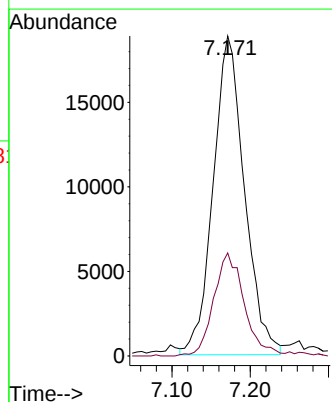
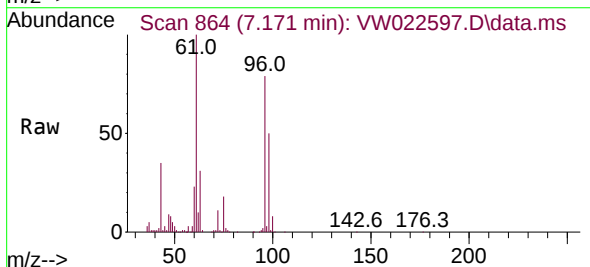


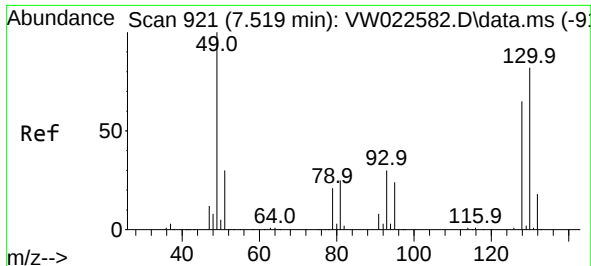
Tgt Ion: 96 Resp: 111030
 Ion Ratio Lower Upper
 96 100
 61 126.5 96.4 179.0
 68 0.1 0.1 0.3#



#22
 2-Butanone
 Concen: 42.682 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW022597.D
 Acq: 20 Apr 2022 18:23

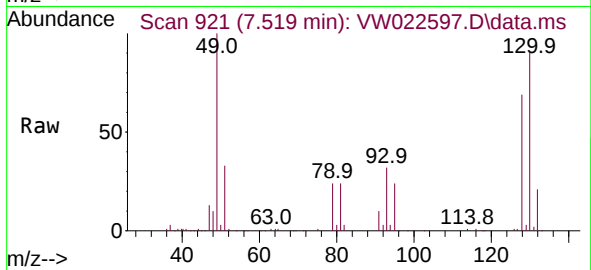
Tgt Ion: 43 Resp: 52406
 Ion Ratio Lower Upper
 43 100
 72 31.4 14.0 42.0



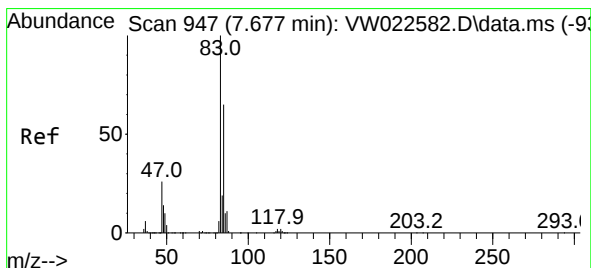
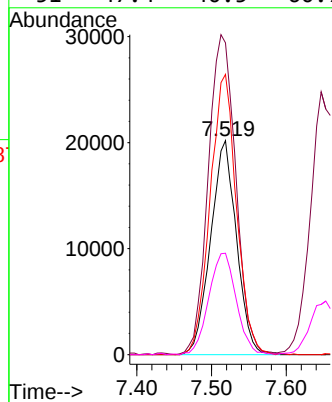
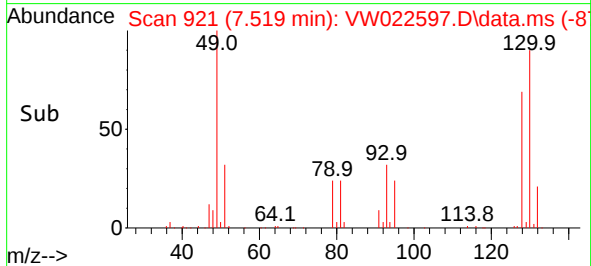


#23
Bromochloromethane
Concen: 21.950 ug/L
RT: 7.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Instrument :
MSVOA_W
ClientSampleId :

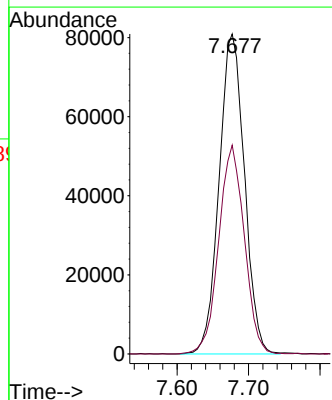
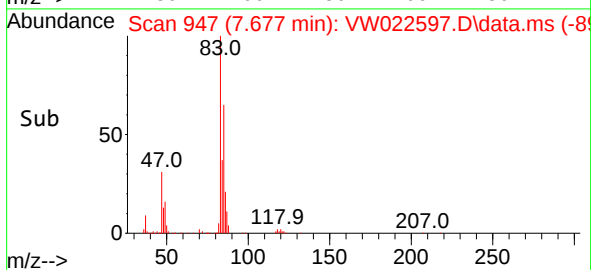
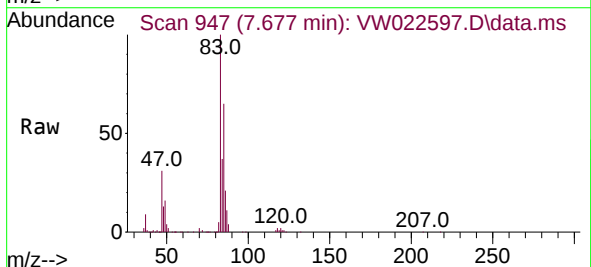


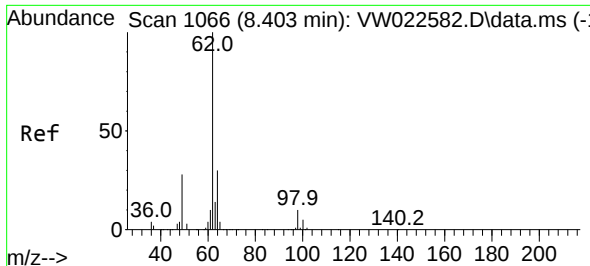
Tgt Ion:128 Resp: 48684
Ion Ratio Lower Upper
128 100
49 145.6 120.8 224.3
130 130.9 81.8 151.8
51 47.4 40.5 60.7



#25
Chloroform
Concen: 21.236 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion: 83 Resp: 199143
Ion Ratio Lower Upper
83 100
85 65.3 45.8 85.0





#27

1,2-Dichloroethane

Concen: 19.726 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

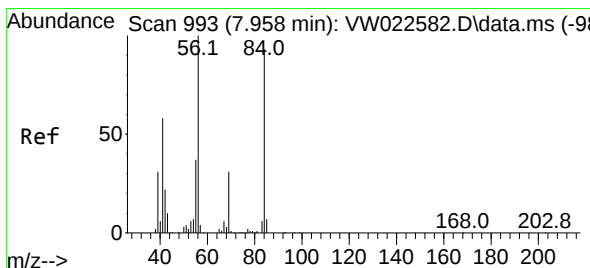
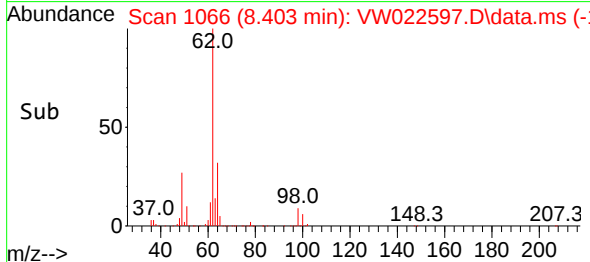
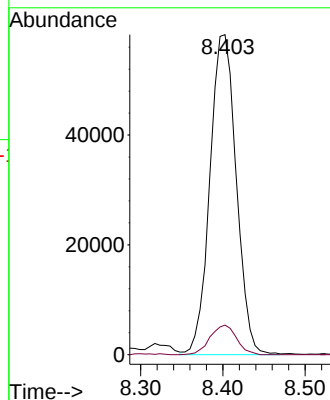
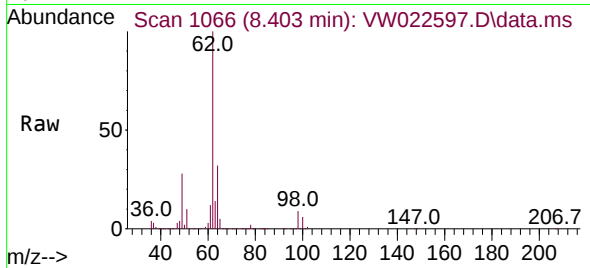
ClientSampleId :

Tgt Ion: 62 Resp: 130015

Ion Ratio Lower Upper

62 100

98 9.2 6.2 9.2#



#29

Cyclohexane

Concen: 17.110 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

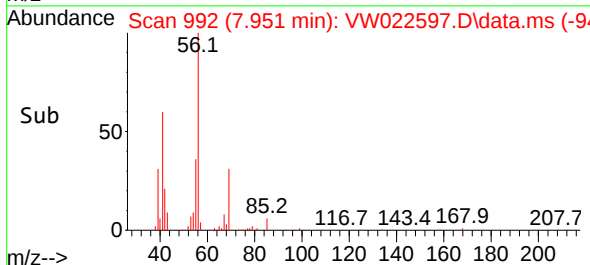
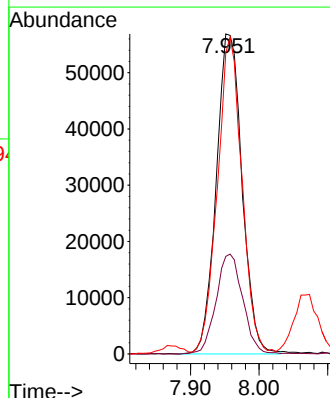
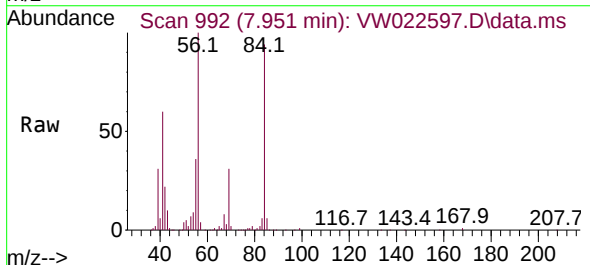
Tgt Ion: 56 Resp: 148736

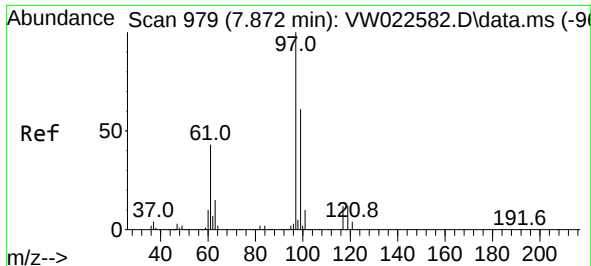
Ion Ratio Lower Upper

56 100

69 32.0 24.4 36.6

84 94.2 72.6 108.8





#30

1,1,1-Trichloroethane

Concen: 20.229 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

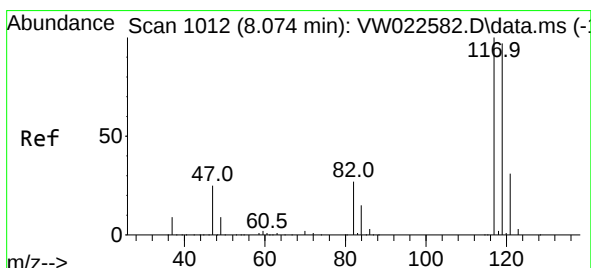
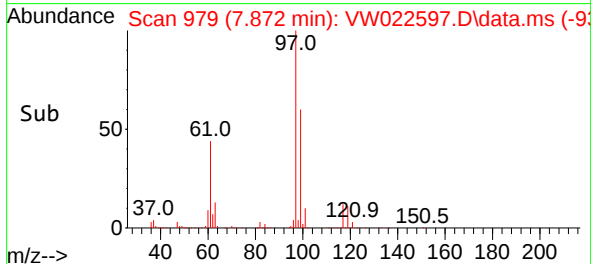
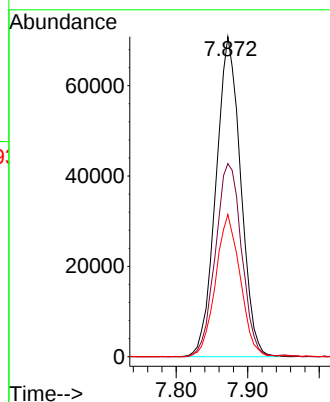
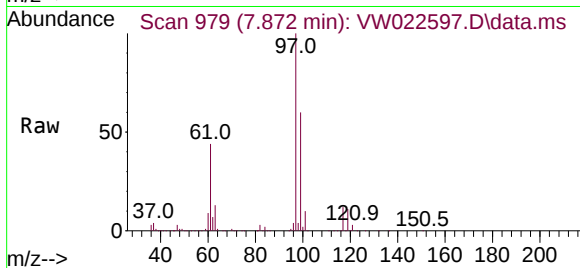
Tgt Ion: 97 Resp: 170436

Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 44.2 38.7 58.1



#31

Carbon tetrachloride

Concen: 20.212 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW022597.D

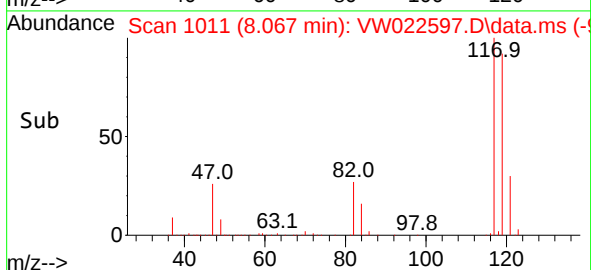
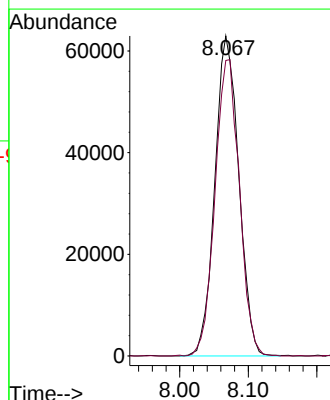
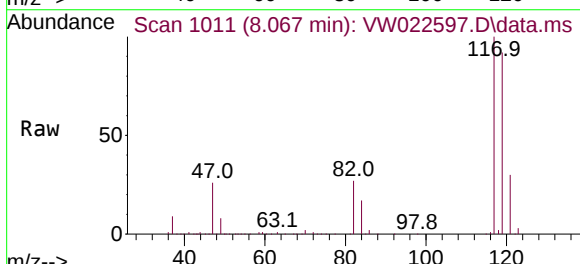
Acq: 20 Apr 2022 18:23

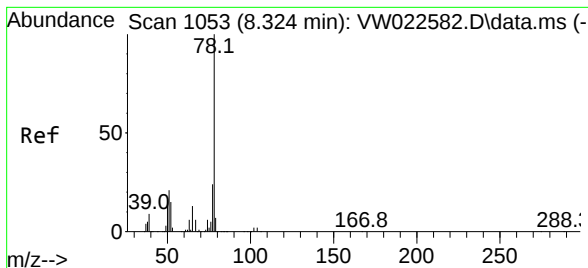
Tgt Ion: 117 Resp: 152845

Ion Ratio Lower Upper

117 100

119 94.3 75.5 113.3





#33

Benzene

Concen: 19.813 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW022597.D

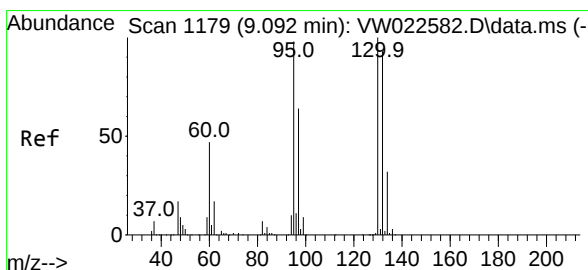
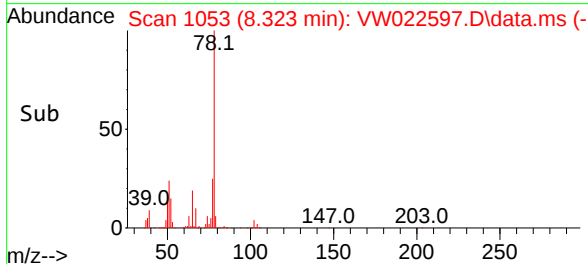
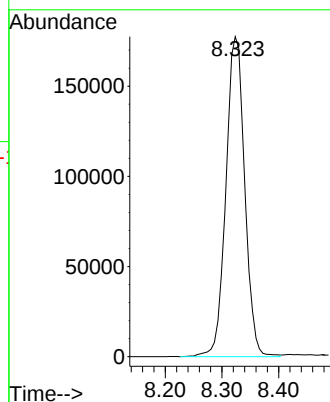
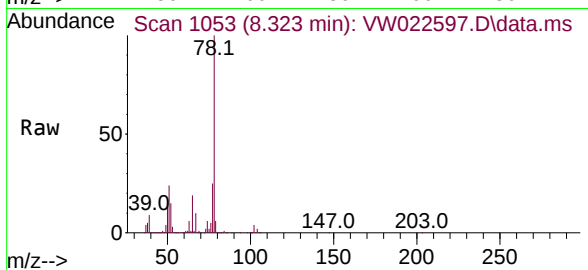
Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 408578



#34

Trichloroethene

Concen: 20.358 ug/L

RT: 9.091 min Scan# 1179

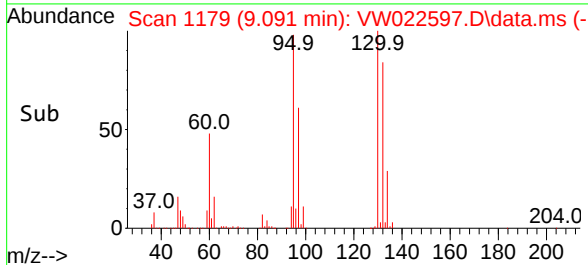
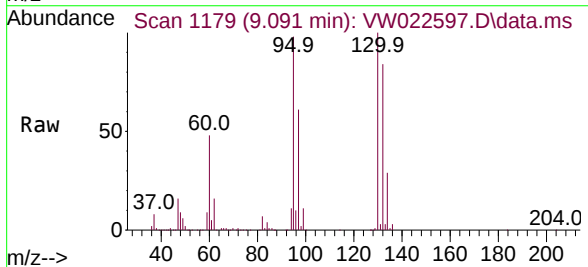
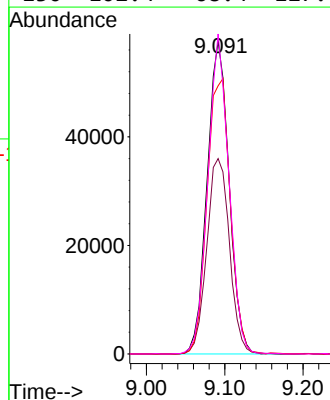
Delta R.T. -0.000 min

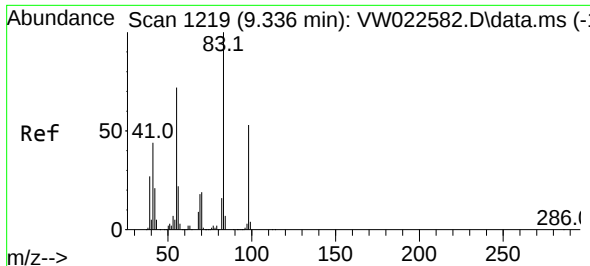
Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Tgt Ion: 95 Resp: 112404

Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.4	86.2
132	85.9	67.4	125.2
130	102.4	68.4	127.0

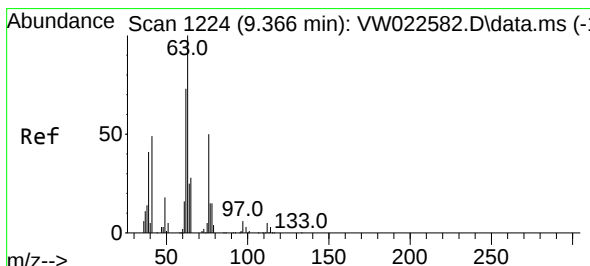
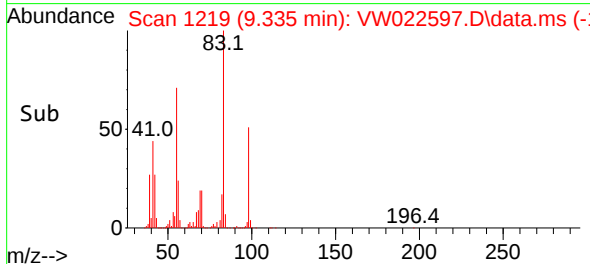
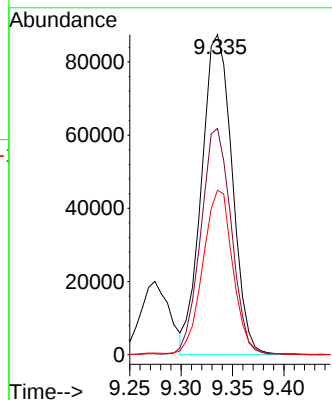
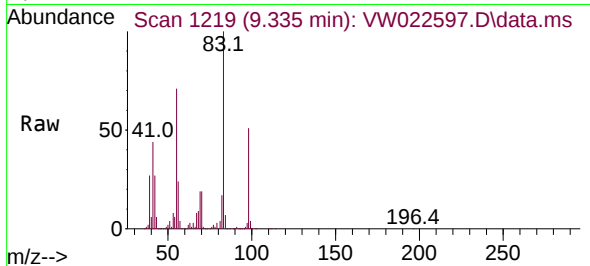




#35
Methylcyclohexane
Concen: 18.285 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

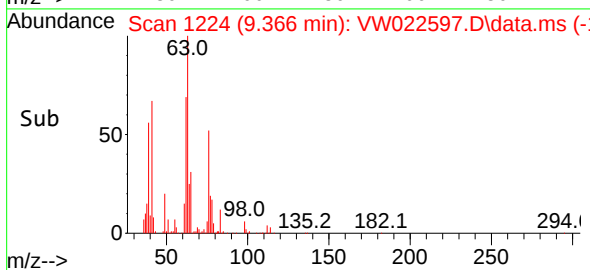
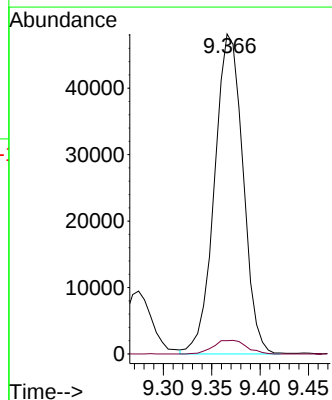
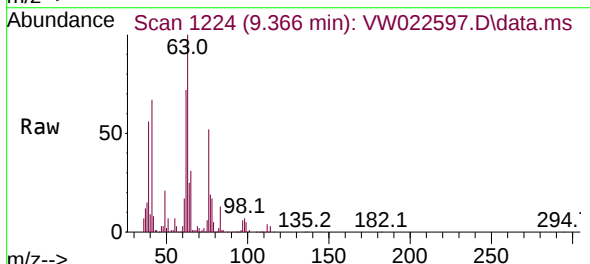
Instrument :
MSVOA_W
ClientSampleId :

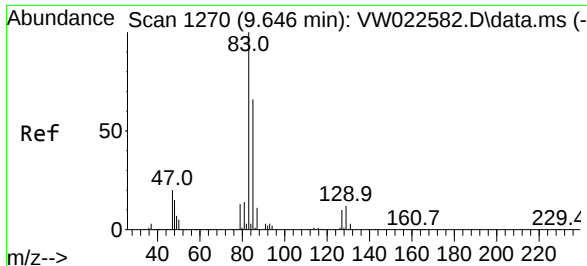
Tgt Ion: 83 Resp: 181134
Ion Ratio Lower Upper
83 100
55 70.3 61.0 91.6
98 50.5 39.2 58.8



#37
1,2-Dichloropropane
Concen: 20.002 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion: 63 Resp: 98811
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6

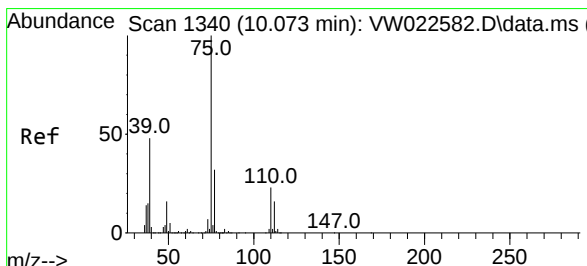
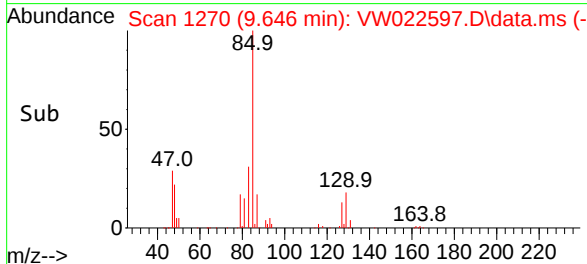
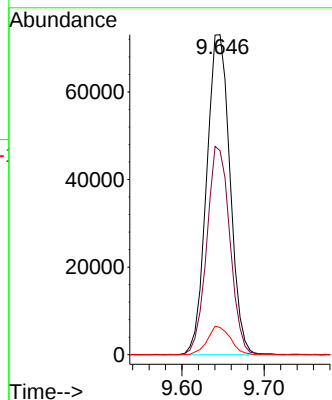
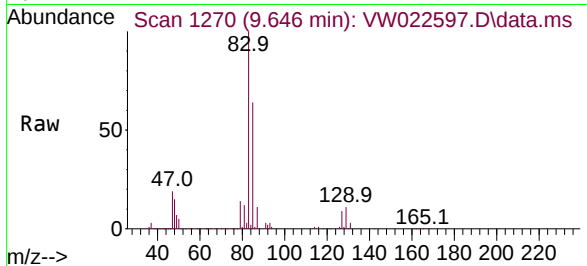




#38
Bromodichloromethane
Concen: 20.310 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

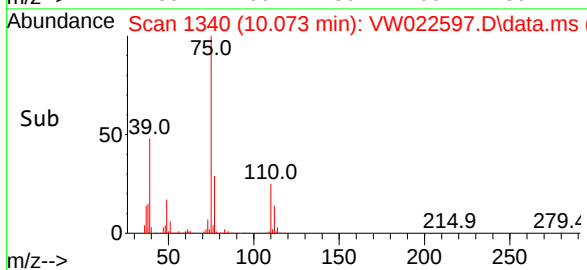
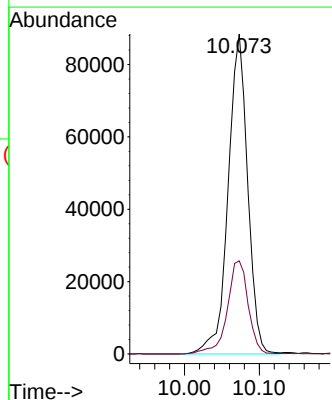
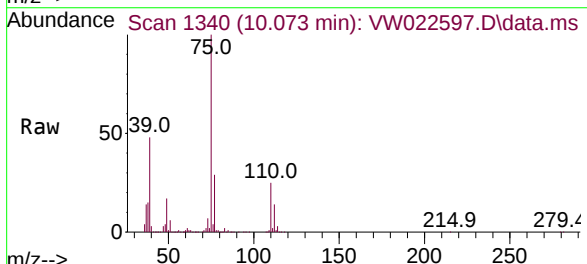
Instrument :
MSVOA_W
ClientSampleId :

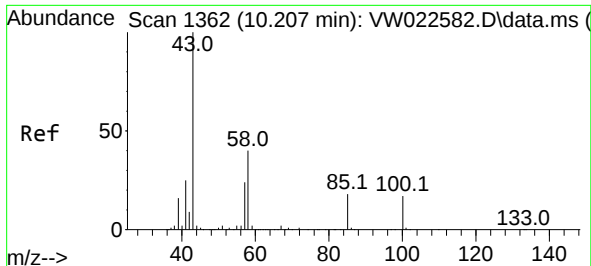
Tgt Ion: 83 Resp: 144285
Ion Ratio Lower Upper
83 100
85 63.8 45.2 84.0
127 8.5 6.0 9.0



#39
cis-1,3-Dichloropropene
Concen: 20.477 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion: 75 Resp: 160522
Ion Ratio Lower Upper
75 100
77 29.1 22.6 42.0

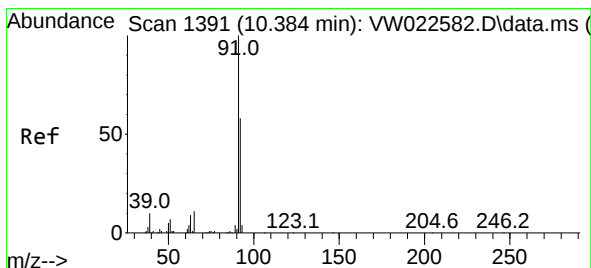
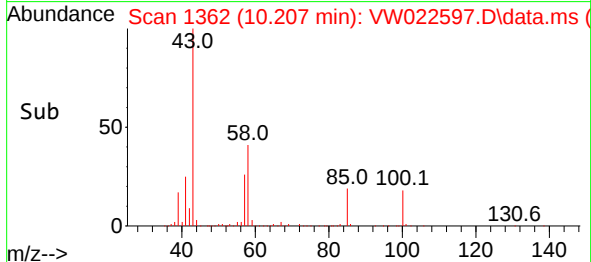
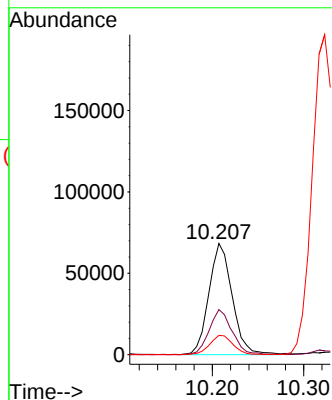
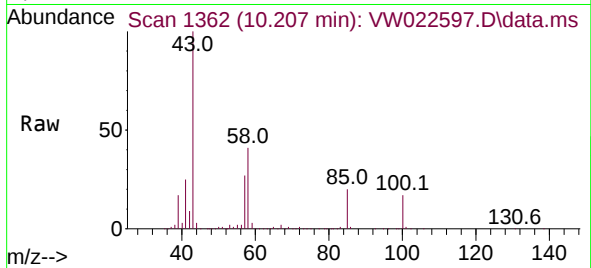




#40
4-Methyl-2-pentanone
Concen: 40.158 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

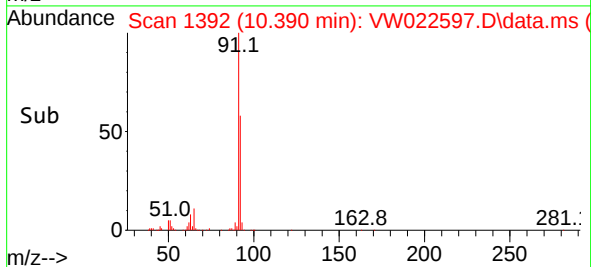
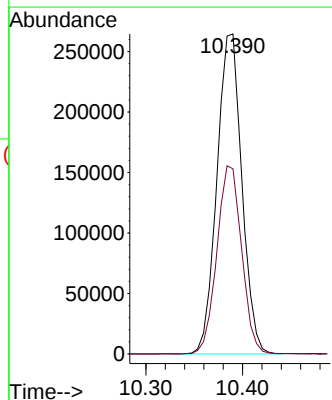
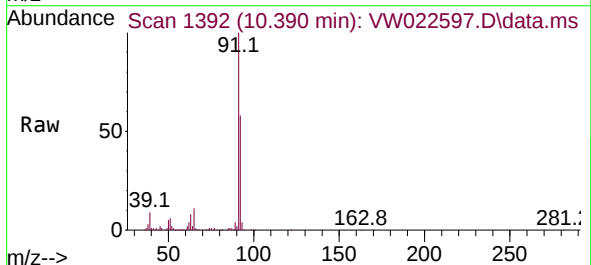
Instrument :
MSVOA_W
ClientSampleId :

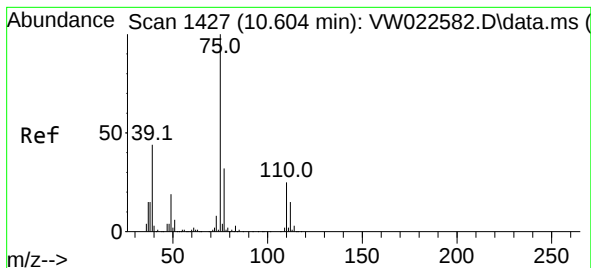
Tgt Ion: 43 Resp: 121073
Ion Ratio Lower Upper
43 100
58 39.9 29.3 43.9
100 17.5 12.2 18.4



#42
Toluene
Concen: 20.037 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion: 91 Resp: 473473
Ion Ratio Lower Upper
91 100
92 57.9 38.0 70.6





#44

trans-1,3-Dichloropropene

Concen: 20.198 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

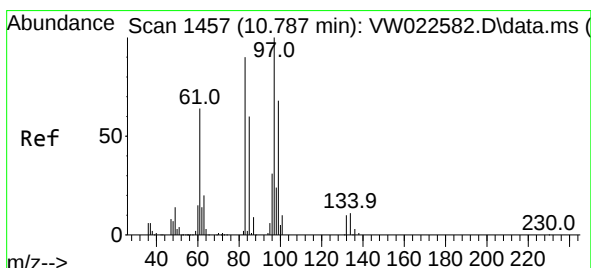
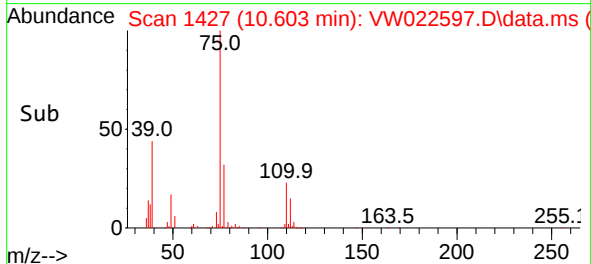
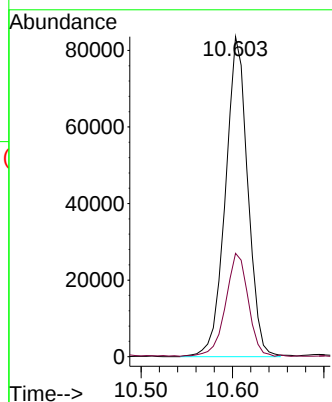
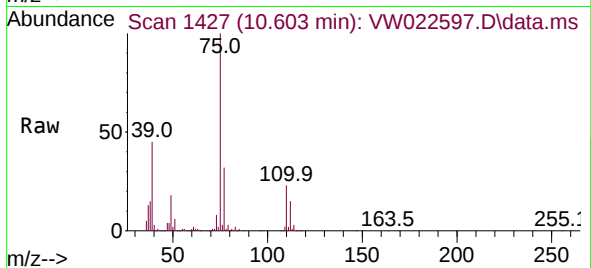
ClientSampleId :

Tgt Ion: 75 Resp: 141776

Ion Ratio Lower Upper

75 100

77 32.3 21.3 39.6



#45

1,1,2-Trichloroethane

Concen: 21.679 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Tgt Ion: 97 Resp: 81739

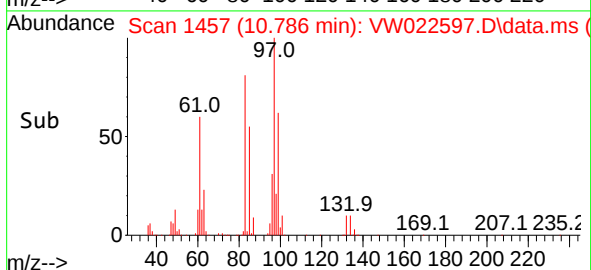
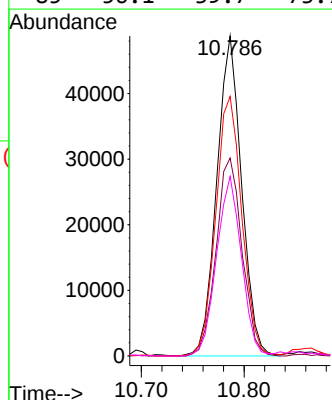
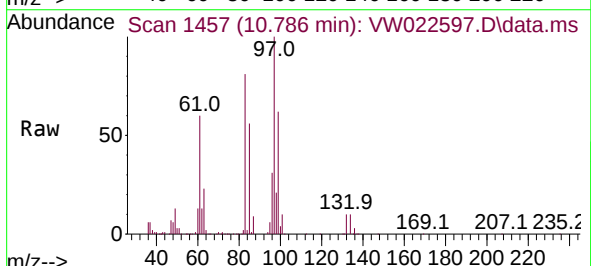
Ion Ratio Lower Upper

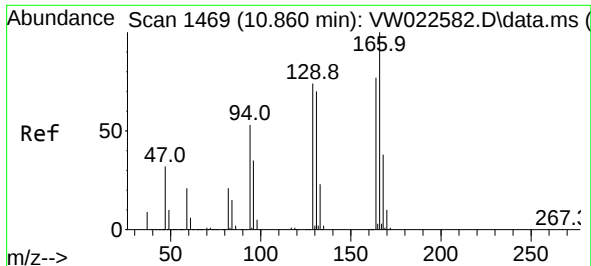
97 100

99 61.9 46.0 85.4

83 81.1 60.6 112.6

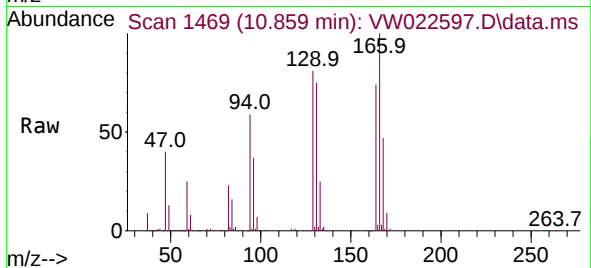
85 56.1 39.7 73.7



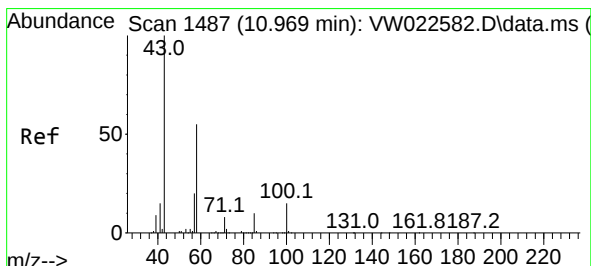
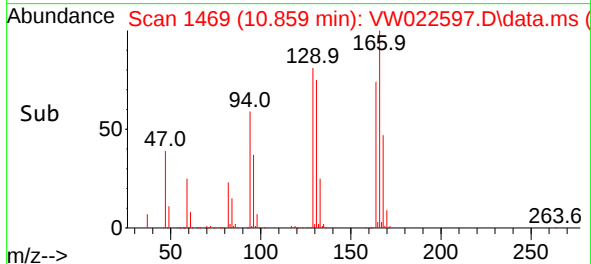
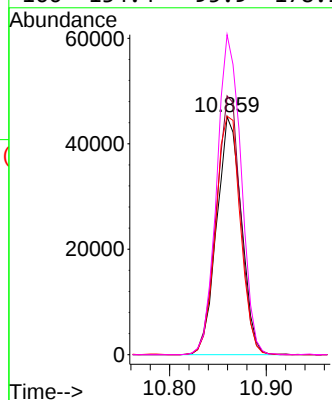


#46
Tetrachloroethene
Concen: 19.662 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Instrument :
MSVOA_W
ClientSampleId :

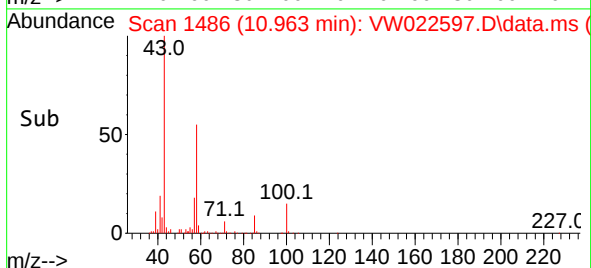
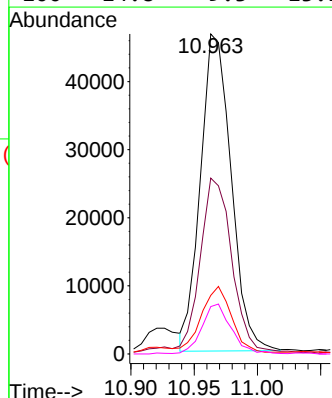
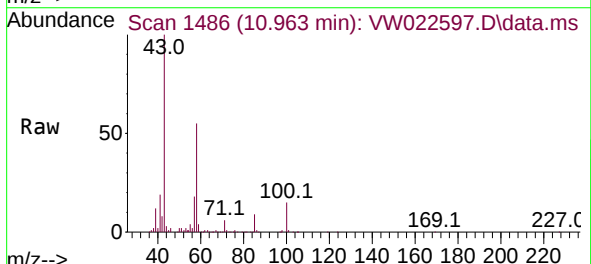


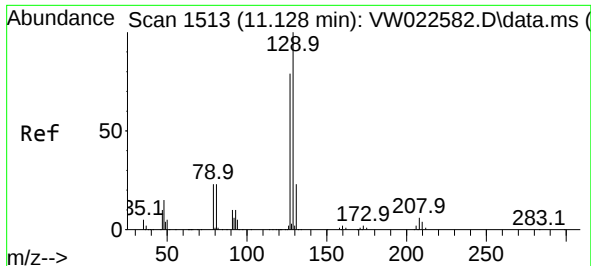
Tgt Ion:	164	Resp:	79800
Ion	Ratio	Lower	Upper
164	100		
129	108.8	74.1	137.7
131	100.2	71.4	132.6
166	134.4	95.9	178.1



#48
2-Hexanone
Concen: 37.036 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion:	43	Resp:	78773
Ion	Ratio	Lower	Upper
43	100		
58	57.7	41.6	62.4
57	21.5	14.5	21.7
100	14.8	9.3	13.9





#49

Dibromochloromethane

Concen: 22.507 ug/L

RT: 11.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

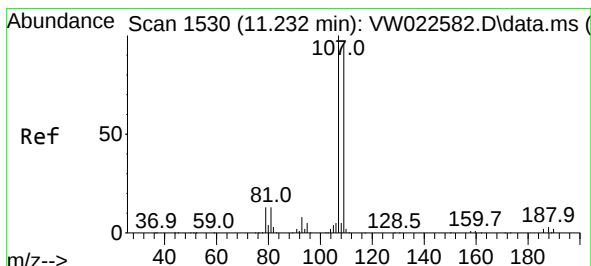
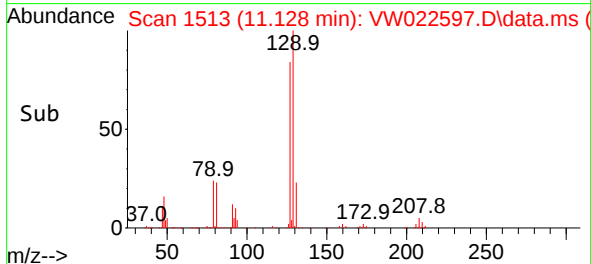
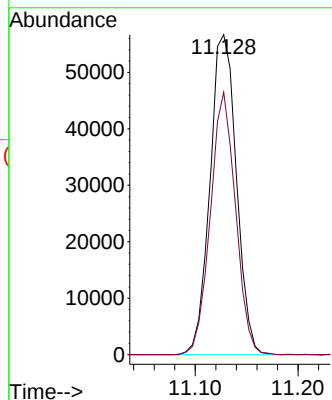
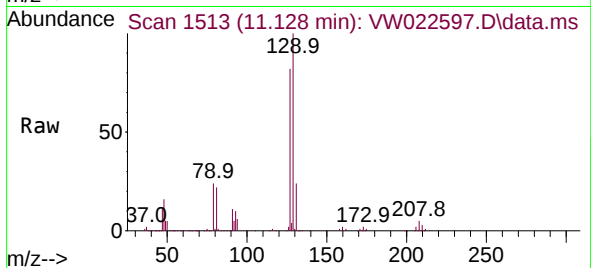
ClientSampleId :

Tgt Ion:129 Resp: 101203

Ion Ratio Lower Upper

129 100

127 82.0 52.6 97.6



#50

1,2-Dibromoethane

Concen: 21.487 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

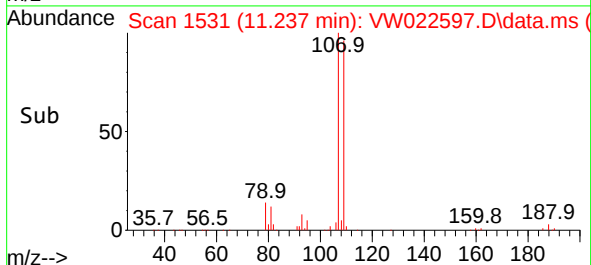
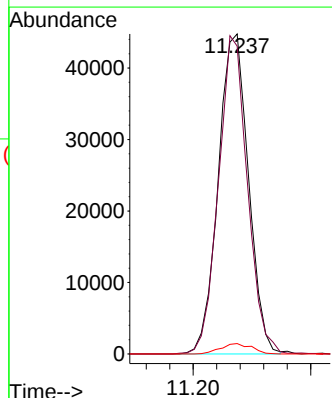
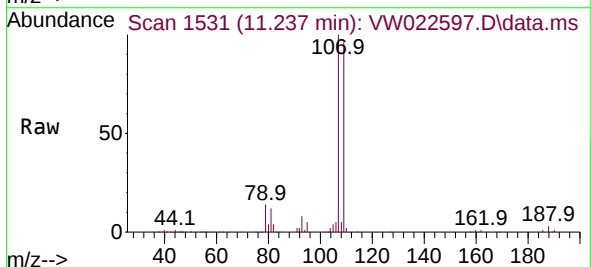
Tgt Ion:107 Resp: 79994

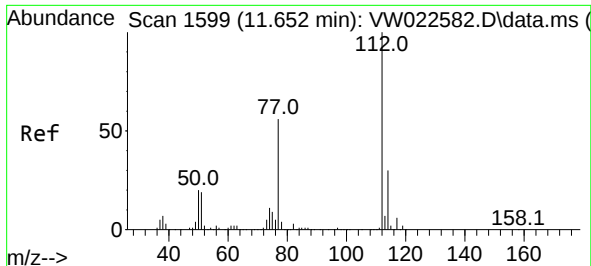
Ion Ratio Lower Upper

107 100

109 96.2 68.2 126.6

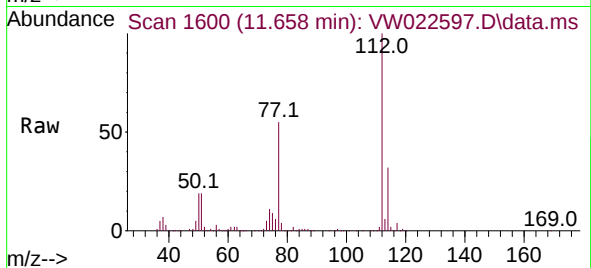
188 3.3 2.8 4.2



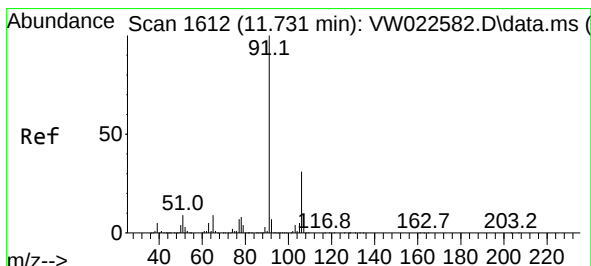
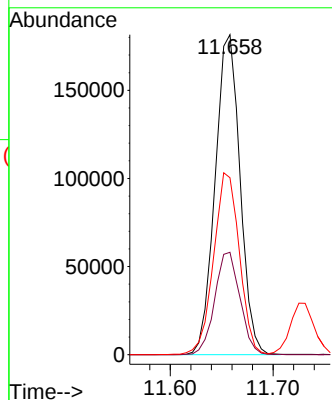
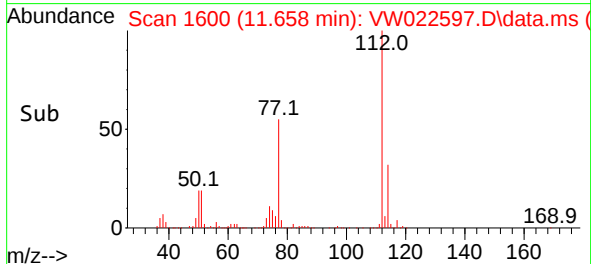


#51
Chlorobenzene
Concen: 21.201 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Instrument :
MSVOA_W
ClientSampleId :

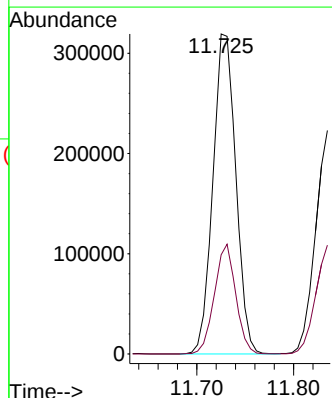
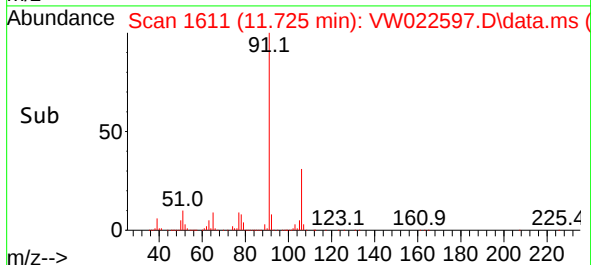
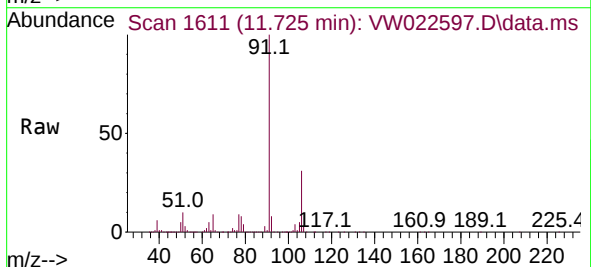


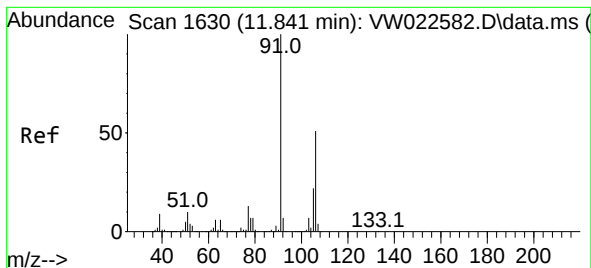
Tgt Ion:112 Resp: 306136
Ion Ratio Lower Upper
112 100
114 32.0 20.5 38.1
77 55.3 48.1 72.1



#52
Ethylbenzene
Concen: 19.839 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion: 91 Resp: 525452
Ion Ratio Lower Upper
91 100
106 31.0 20.5 38.1





#53

m,p-Xylene

Concen: 20.946 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

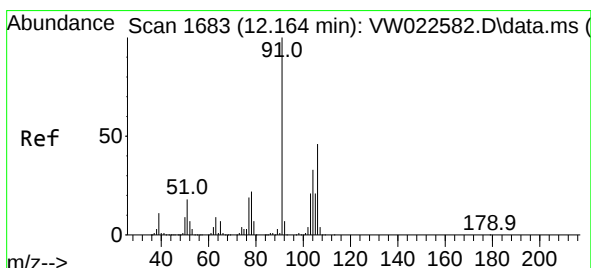
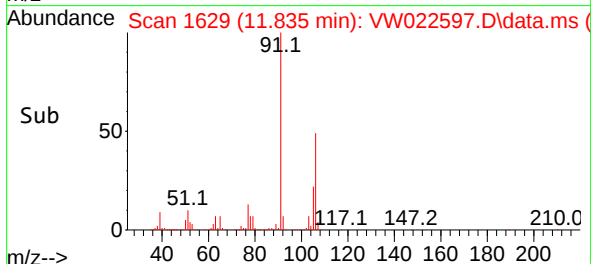
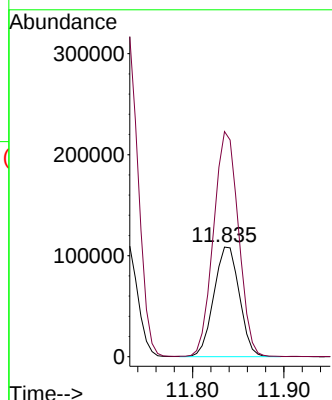
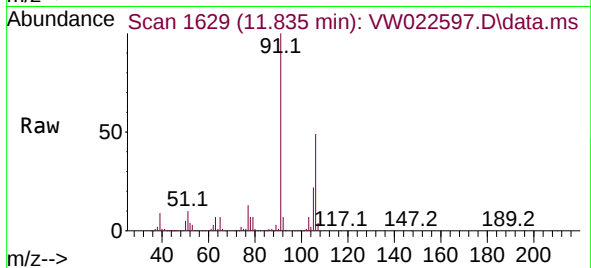
ClientSampleId :

Tgt Ion:106 Resp: 210946

Ion Ratio Lower Upper

106 100

91 205.3 149.9 278.5



#54

o-Xylene

Concen: 20.956 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW022597.D

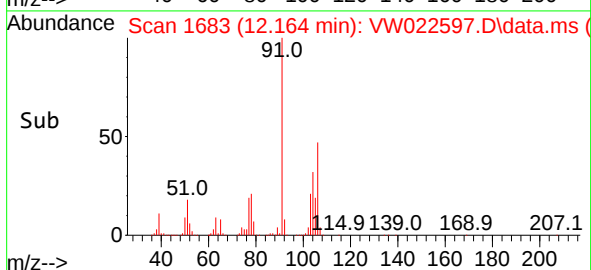
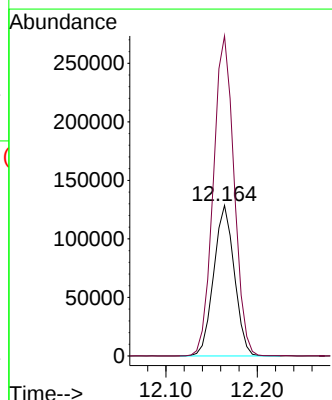
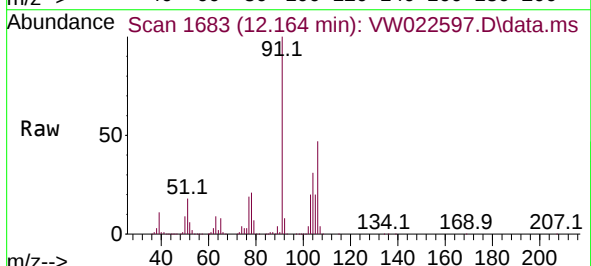
Acq: 20 Apr 2022 18:23

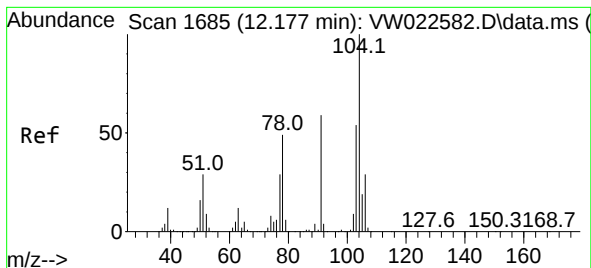
Tgt Ion:106 Resp: 201679

Ion Ratio Lower Upper

106 100

91 212.6 155.3 288.3





#55

Styrene

Concen: 20.770 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

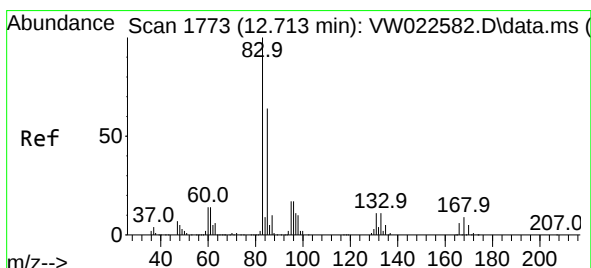
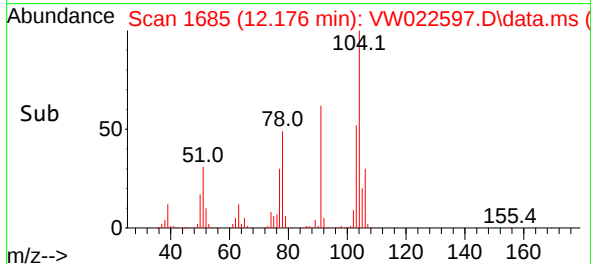
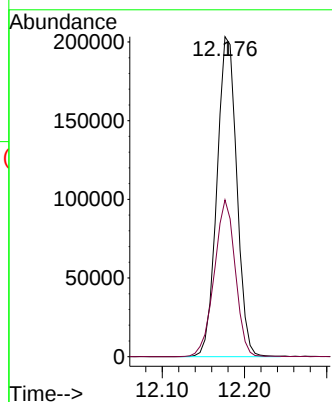
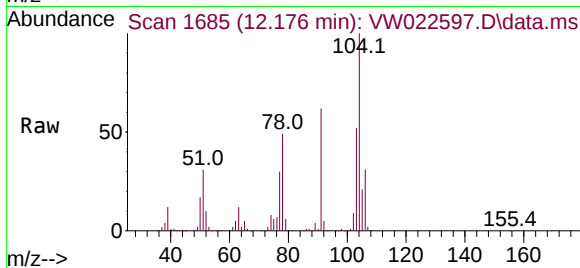
ClientSampleId :

Tgt Ion:104 Resp: 341510

Ion Ratio Lower Upper

104 100

78 49.0 34.4 64.0



#57

1,1,2,2-Tetrachloroethane

Concen: 21.510 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

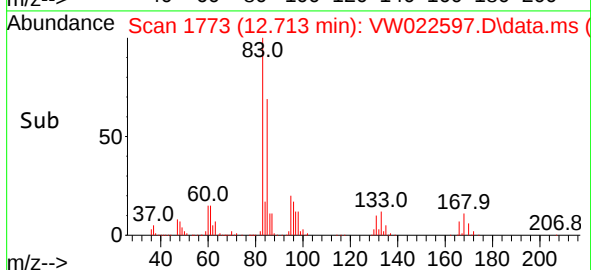
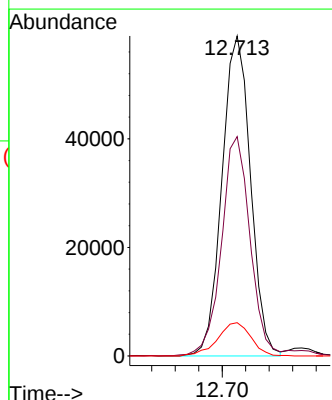
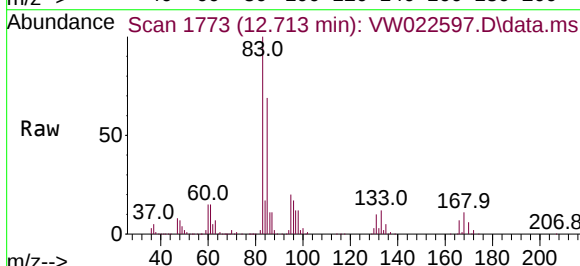
Tgt Ion: 83 Resp: 99542

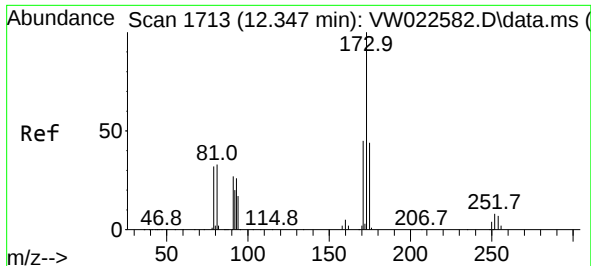
Ion Ratio Lower Upper

83 100

85 68.6 45.5 84.5

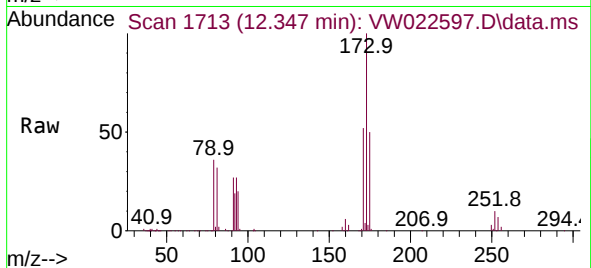
131 10.4 7.8 11.8



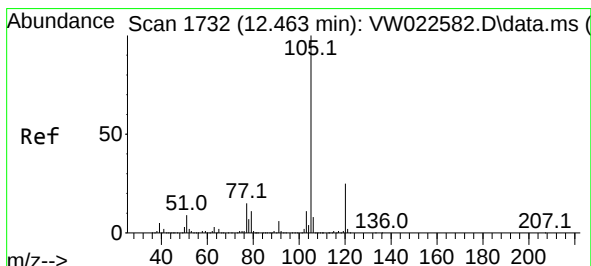
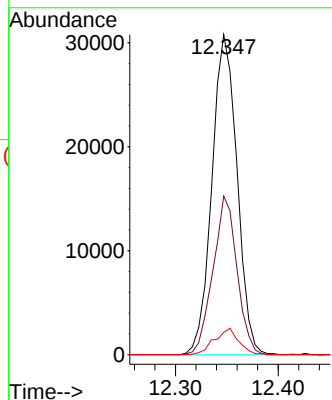
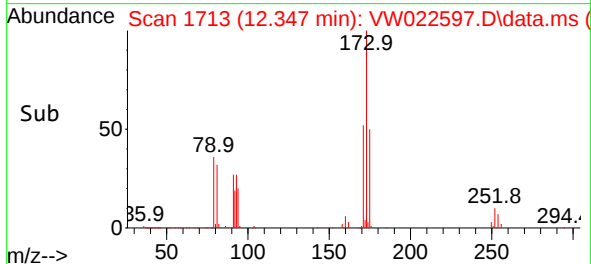


#59
Bromoform
Concen: 20.721 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

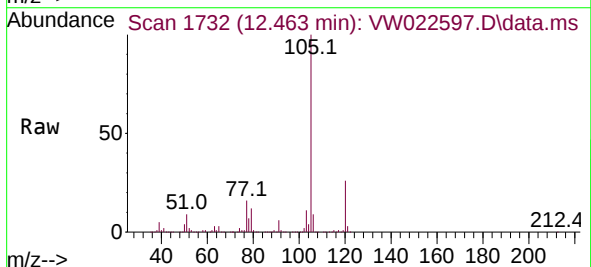
Instrument :
MSVOA_W
ClientSampleId :



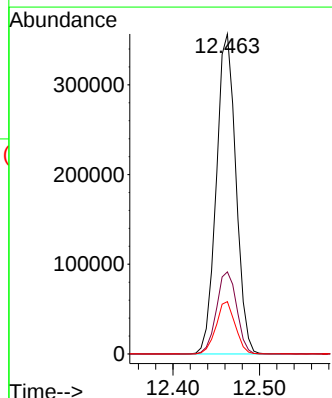
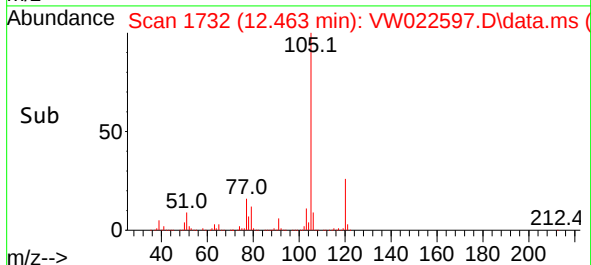
Tgt Ion:173 Resp: 52286
Ion Ratio Lower Upper
173 100
175 47.3 39.2 58.8
254 7.9 6.6 9.8

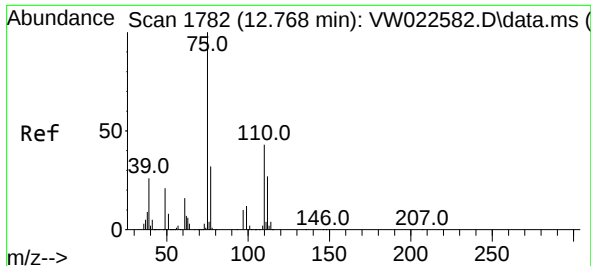


#60
Isopropylbenzene
Concen: 19.863 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23



Tgt Ion:105 Resp: 560313
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.1 13.7 20.5





#61

1,2,3-Trichloropropane

Concen: 20.923 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

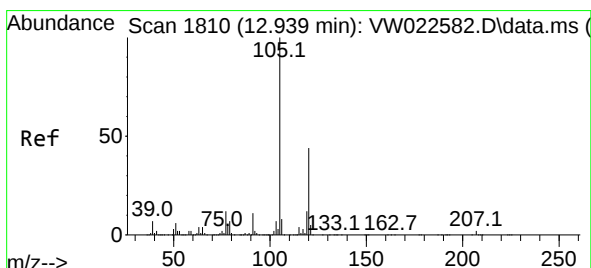
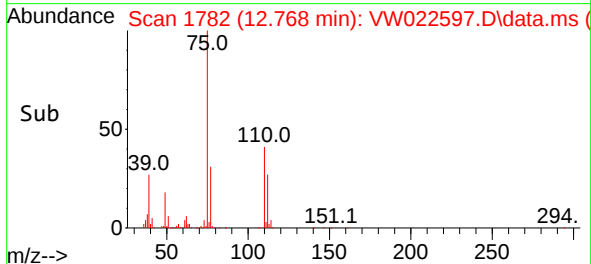
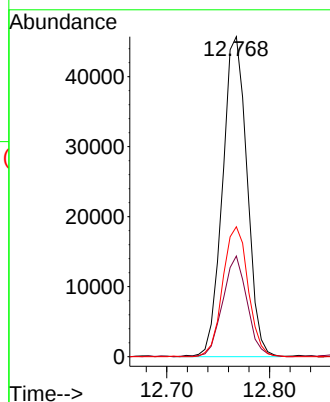
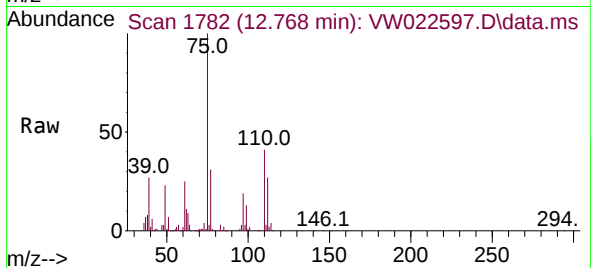
Tgt Ion: 75 Resp: 75583

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

110 42.0 31.8 47.6



#62

1,3,5-Trimethylbenzene

Concen: 20.312 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022597.D

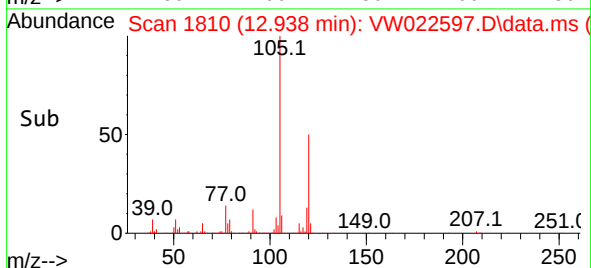
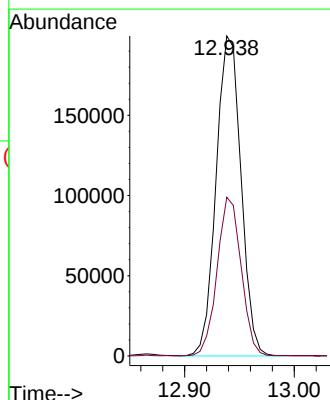
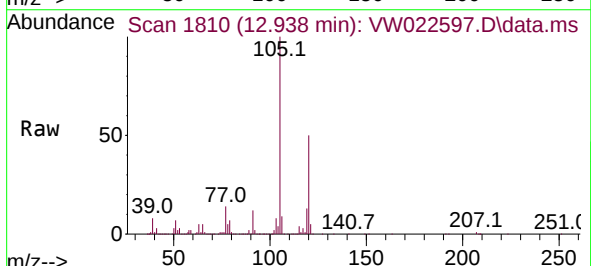
Acq: 20 Apr 2022 18:23

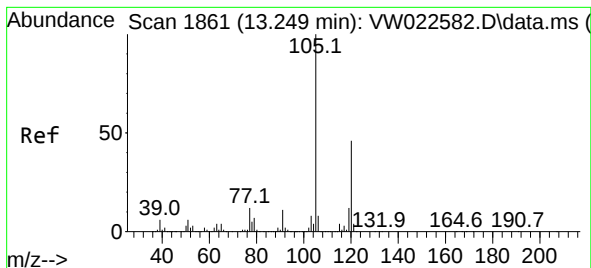
Tgt Ion: 105 Resp: 315114

Ion Ratio Lower Upper

105 100

120 47.9 37.5 56.3





#63

1,2,4-Trimethylbenzene

Concen: 20.221 ug/L

RT: 13.249 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

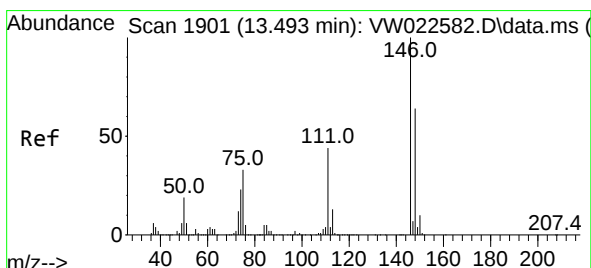
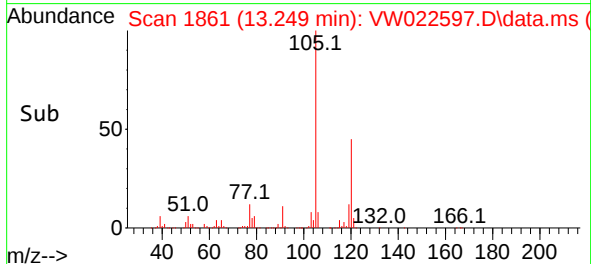
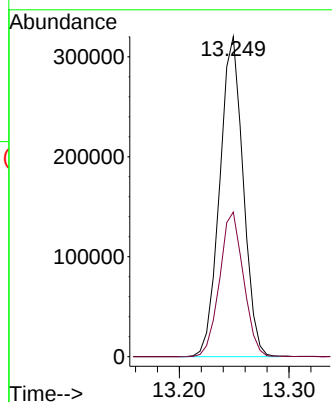
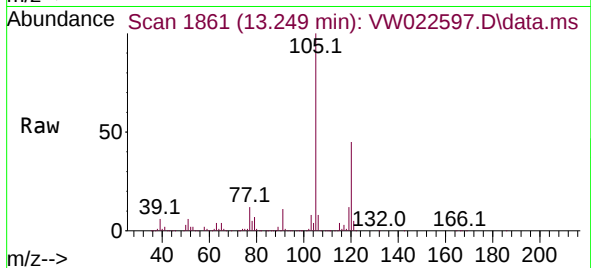
ClientSampleId :

Tgt Ion:105 Resp: 477045

Ion Ratio Lower Upper

105 100

120 45.9 34.2 51.2



#64

1,3-Dichlorobenzene

Concen: 20.951 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

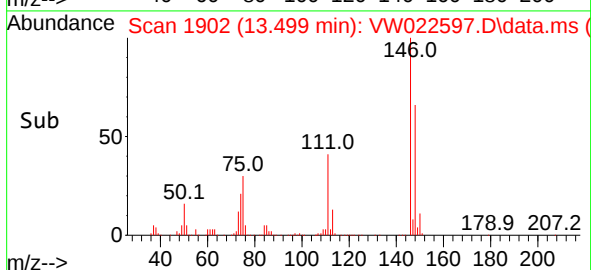
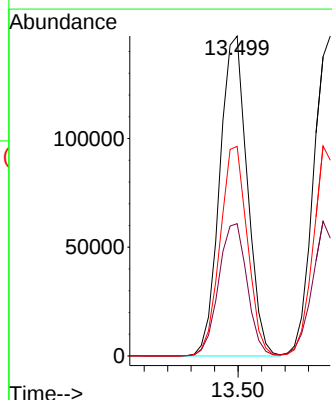
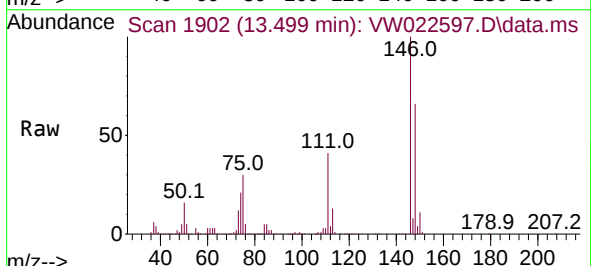
Tgt Ion:146 Resp: 239860

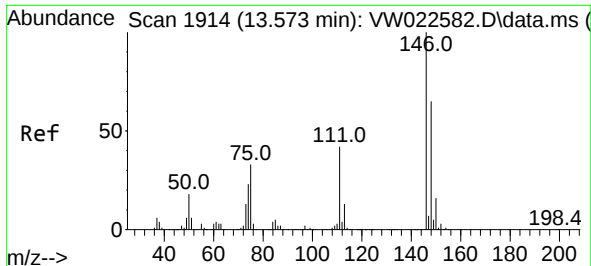
Ion Ratio Lower Upper

146 100

111 41.4 28.2 52.4

148 65.5 41.9 77.7

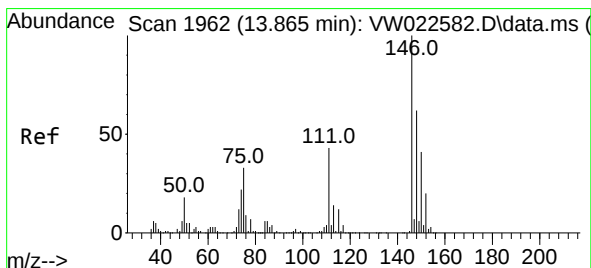
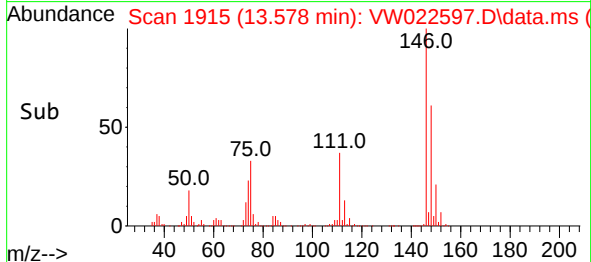
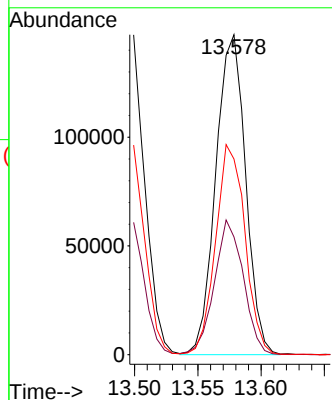
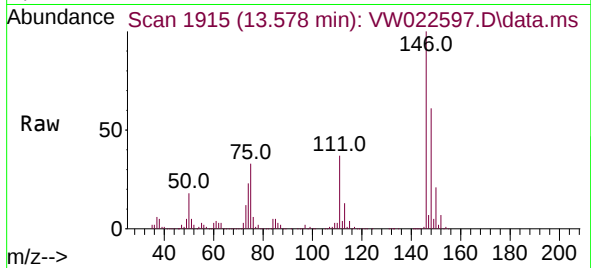




#65
1,4-Dichlorobenzene
Concen: 21.129 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

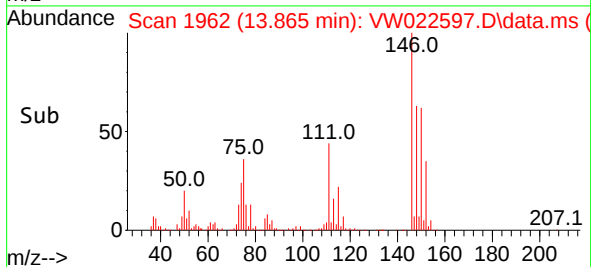
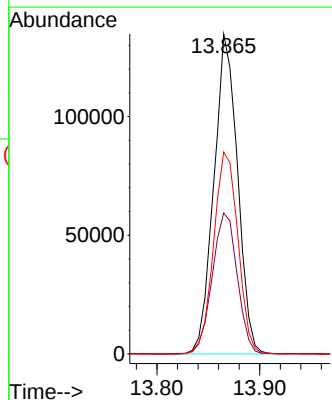
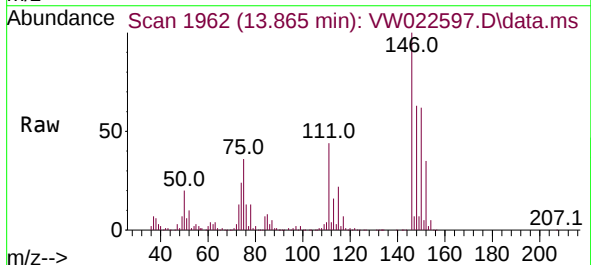
Instrument :
MSVOA_W
ClientSampleId :

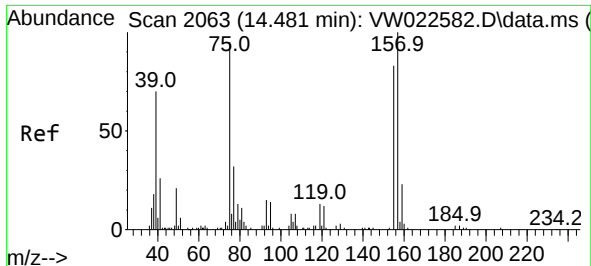
Tgt Ion:146 Resp: 241244
Ion Ratio Lower Upper
146 100
111 36.8 28.5 52.9
148 61.2 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 21.058 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion:146 Resp: 215604
Ion Ratio Lower Upper
146 100
111 44.0 39.0 58.4
148 63.1 52.1 78.1





#68

1,2-Dibromo-3-chloropropane

Concen: 18.407 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

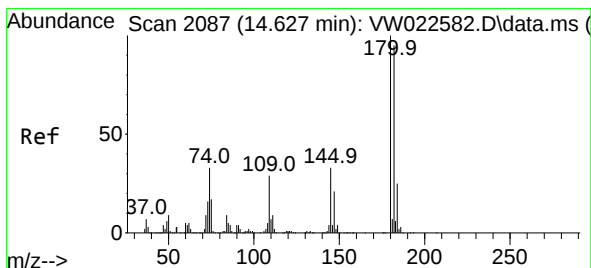
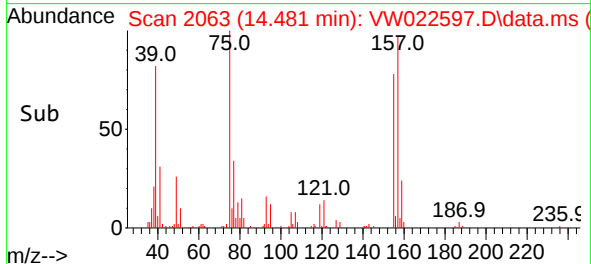
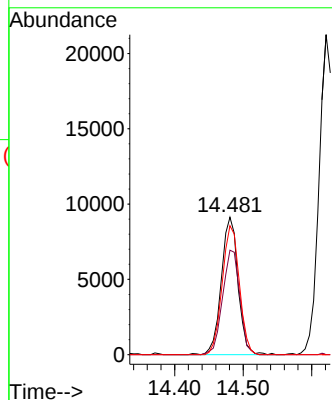
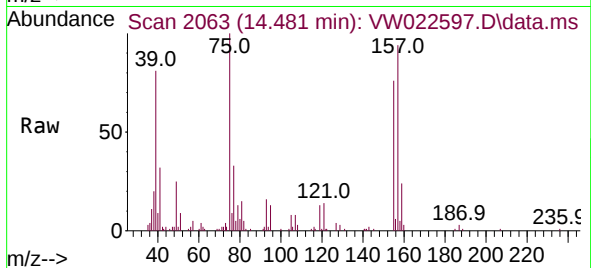
Tgt Ion: 75 Resp: 15421

Ion Ratio Lower Upper

75 100

155 76.0 55.6 83.4

157 93.9 69.8 104.6



#69

1,3,5-Trichlorobenzene

Concen: 21.600 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Tgt Ion:180 Resp: 161345

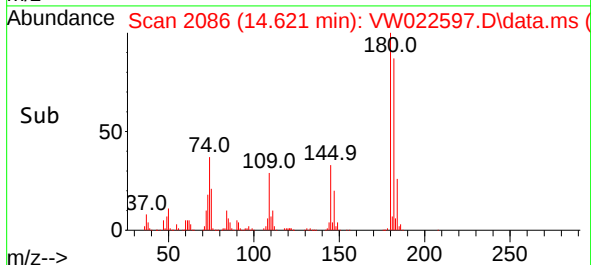
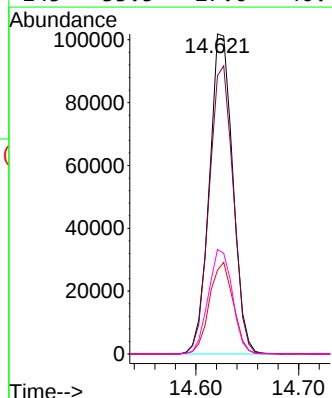
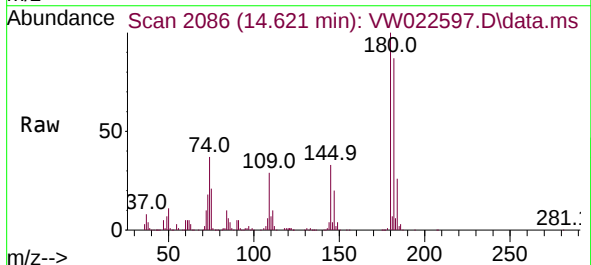
Ion Ratio Lower Upper

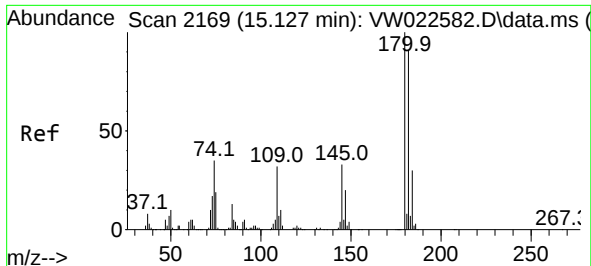
180 100

182 92.3 79.1 118.7

184 29.1 24.5 36.7

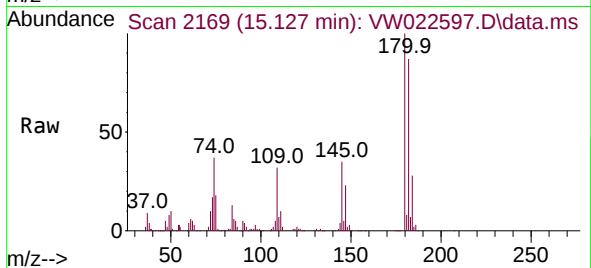
145 33.5 27.0 40.4



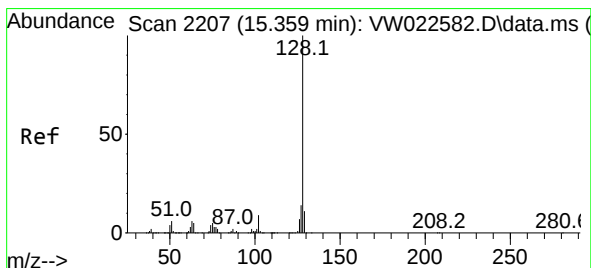
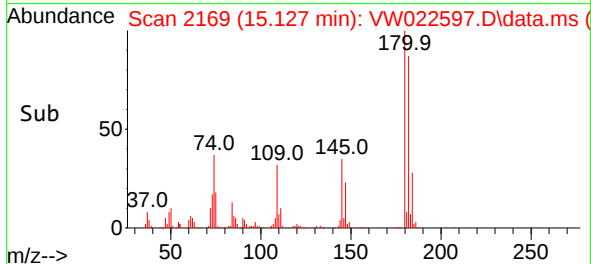
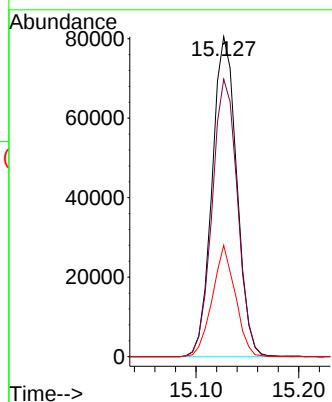


#70
1,2,4-trichlorobenzene
Concen: 21.352 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Instrument :
MSVOA_W
ClientSampleId :

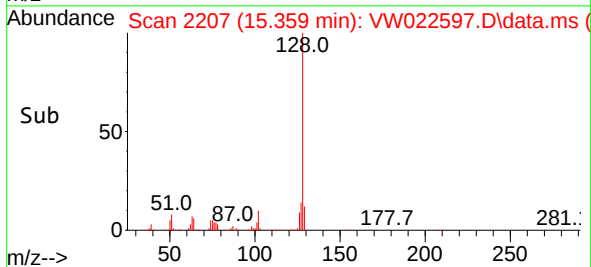
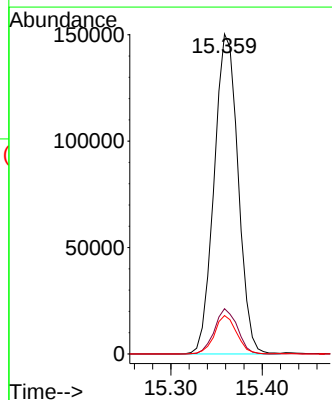
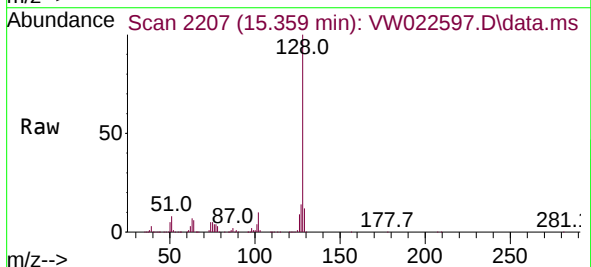


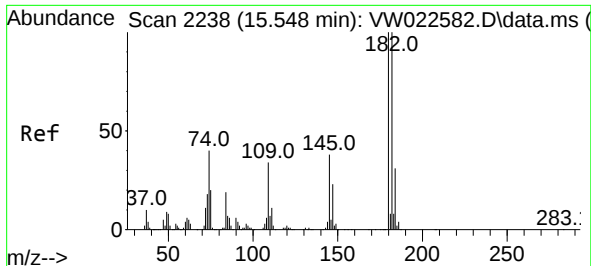
Tgt Ion:180 Resp: 133951
Ion Ratio Lower Upper
180 100
182 89.1 72.8 109.2
145 32.5 25.5 38.3



#71
Naphthalene
Concen: 20.713 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW022597.D
Acq: 20 Apr 2022 18:23

Tgt Ion:128 Resp: 274069
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.2 8.5 12.7





#72

1,2,3-Trichlorobenzene

Concen: 21.146 ug/L

RT: 15.548 min Scan# 21

Delta R.T. -0.000 min

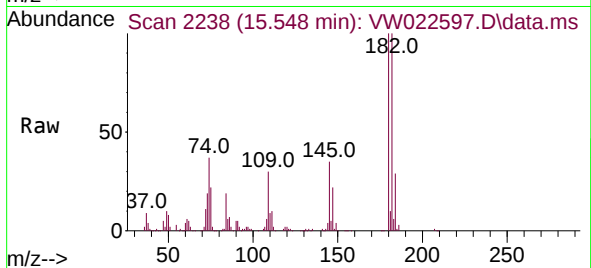
Lab File: VW022597.D

Acq: 20 Apr 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 113392

Ion Ratio Lower Upper

180 100

182 96.6 73.4 110.0

145 35.6 27.0 40.6

