

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070522\
 Data File : VW023561.D
 Acq On : 05 Jul 2022 09:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: Jul 05 23:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 04 01:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	372775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	353481	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	155278	29.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.480%	
7) Chloroethane-d5	2.879	69	75555	20.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 82.280%	
11) 1,1-Dichloroethene-d2	4.026	63	190075	28.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.240%#	
21) 2-Butanone-d5	7.074	46	58375	43.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.420%	
24) Chloroform-d	7.647	84	254775	25.037	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.160%	
26) 1,2-Dichloroethane-d4	8.305	65	136311	24.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.040%	
32) Benzene-d6	8.275	84	479244	25.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.320%	
36) 1,2-Dichloropropane-d6	9.275	67	140175	24.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.240%	
41) Toluene-d8	10.323	98	475152	25.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.240%	
43) trans-1,3-Dichloroprop...	10.573	79	61472	24.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.240%	
47) 2-Hexanone-d5	10.921	63	49854	46.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.020%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	130710	24.093	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 96.360%	
66) 1,2-Dichlorobenzene-d4	13.853	152	176429	25.326	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	25874	17.962	ug/L	96
3) Chloromethane	2.215	50	108961	24.436	ug/L	97
5) Vinyl chloride	2.355	62	192138	31.995	ug/L	98
6) Bromomethane	2.770	94	70463	17.790	ug/L	95
8) Chloroethane	2.916	64	57354	21.248	ug/L	96
9) Trichlorofluoromethane	3.251	101	66005	23.726	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	126453	28.081	ug/L	98
12) 1,1-Dichloroethene	4.038	96	111060	29.647	ug/L	90
13) Acetone	4.123	43	43135	46.896	ug/L	100
14) Carbon disulfide	4.379	76	331352	32.793	ug/L	99
15) Methyl Acetate	4.672	43	47769	22.668	ug/L	98
16) Methylene chloride	4.909	84	112987	21.248	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	124531	26.341	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	176555	25.465	ug/L	99
19) 1,1-Dichloroethane	6.214	63	215981	25.903	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	132277	25.674	ug/L	99
22) 2-Butanone	7.177	43	64293	42.753	ug/L	98
23) Bromochloromethane	7.519	128	66311	26.004	ug/L	93
25) Chloroform	7.677	83	243886	26.203	ug/L	98

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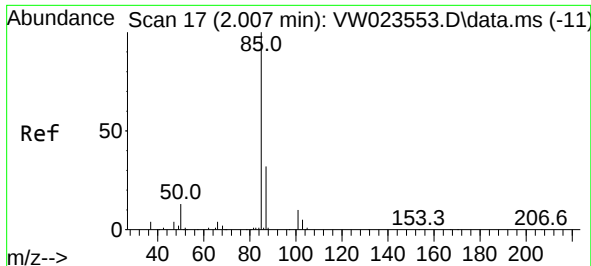
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 Quant Title : SFAM01.0
 QLast Update : Mon Jul 04 01:19:17 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	160112	26.020	ug/L	100
29) Cyclohexane	7.958	56	189077	28.289	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	208160	27.151	ug/L	98
31) Carbon tetrachloride	8.067	117	192480	27.773	ug/L	100
33) Benzene	8.323	78	522444	26.271	ug/L	100
34) Trichloroethene	9.092	95	139574	26.196	ug/L	93
35) Methylcyclohexane	9.336	83	234621	27.985	ug/L	99
37) 1,2-Dichloropropane	9.366	63	124354	25.852	ug/L	100
38) Bromodichloromethane	9.646	83	179026	25.996	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	199586	26.795	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152459	48.360	ug/L	98
42) Toluene	10.384	91	590009	26.824	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	178924	25.990	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	103588	25.327	ug/L	96
46) Tetrachloroethene	10.860	164	111226	25.956	ug/L	98
48) 2-Hexanone	10.969	43	109285	50.470	ug/L	99
49) Dibromochloromethane	11.128	129	125151	25.042	ug/L	93
50) 1,2-Dibromoethane	11.232	107	99725	24.470	ug/L	97
51) Chlorobenzene	11.658	112	389619	25.886	ug/L	96
52) Ethylbenzene	11.725	91	667391	27.203	ug/L	100
53) m,p-Xylene	11.835	106	263095	27.275	ug/L	96
54) o-Xylene	12.164	106	248763	27.304	ug/L	99
55) Styrene	12.176	104	441624	27.735	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	129823	24.680	ug/L	99
59) Bromoform	12.347	173	69354	24.472	ug/L	96
60) Isopropylbenzene	12.463	105	684502	27.165	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90699	23.573	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	570206	27.237	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	572607	27.255	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	308200	25.449	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	312561	25.448	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	286274	26.084	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20035	22.769	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	201264	24.891	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166515	25.518	ug/L	95
71) Naphthalene	15.359	128	328758	24.283	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	140154	23.533	ug/L	95

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

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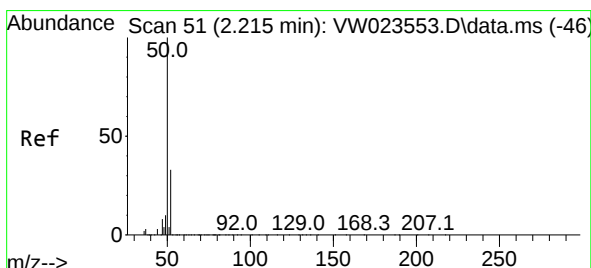
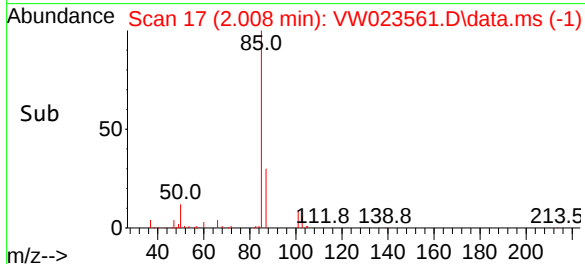
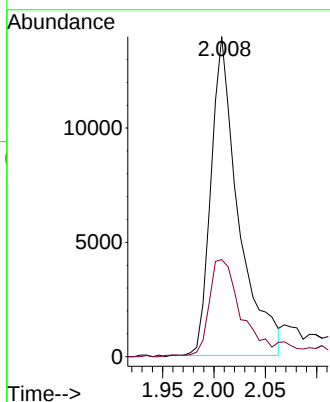
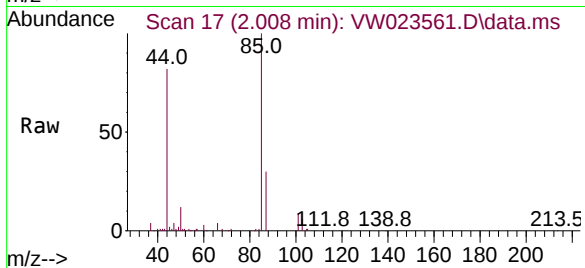




#2
 Dichlorodifluoromethane
 Concen: 17.962 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW023561.D
 Acq: 05 Jul 2022 09:08

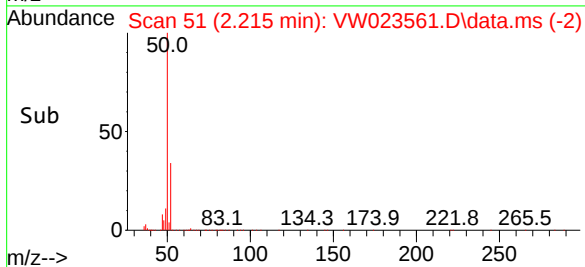
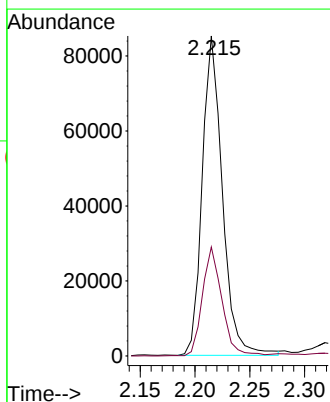
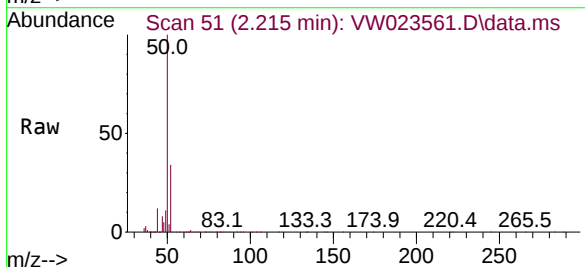
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

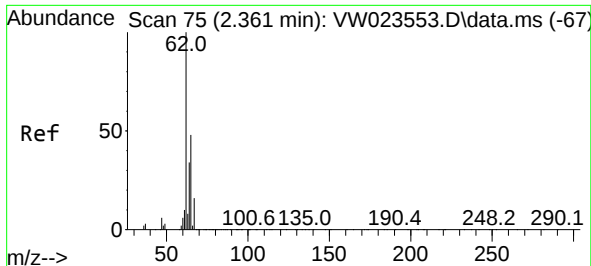
Tgt Ion: 85 Resp: 25874
 Ion Ratio Lower Upper
 85 100
 87 34.5 26.0 39.0



#3
 Chloromethane
 Concen: 24.436 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023561.D
 Acq: 05 Jul 2022 09:08

Tgt Ion: 50 Resp: 108961
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.5 41.9

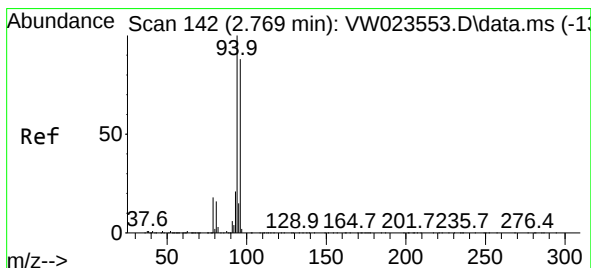
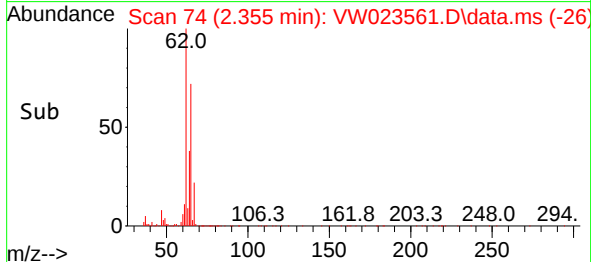
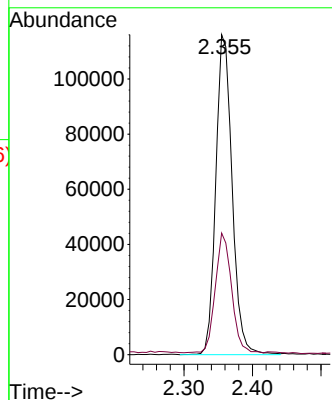
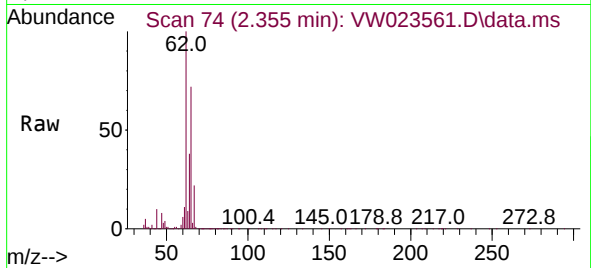




#5
 Vinyl chloride
 Concen: 31.995 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023561.D
 Acq: 05 Jul 2022 09:08

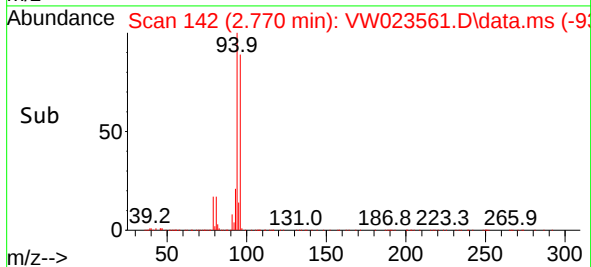
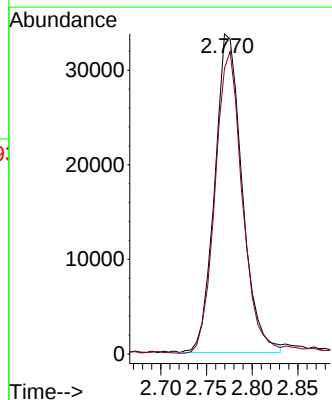
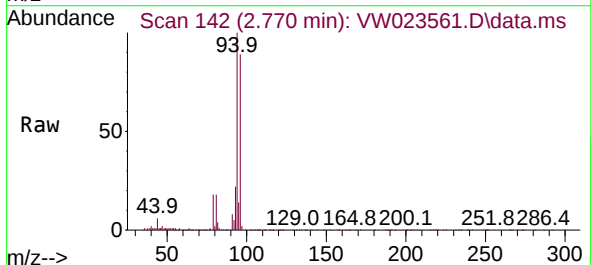
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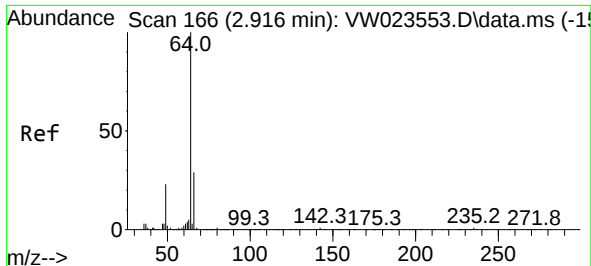
Tgt Ion: 62 Resp: 192138
 Ion Ratio Lower Upper
 62 100
 64 38.0 25.8 47.8



#6
 Bromomethane
 Concen: 17.790 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023561.D
 Acq: 05 Jul 2022 09:08

Tgt Ion: 94 Resp: 70463
 Ion Ratio Lower Upper
 94 100
 96 89.3 65.6 121.8

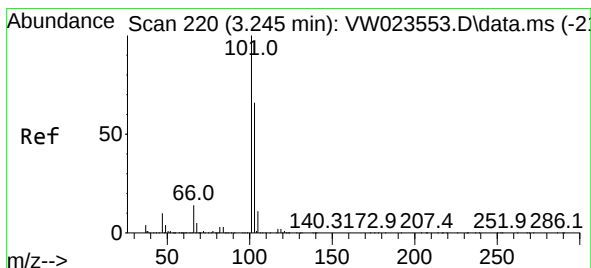
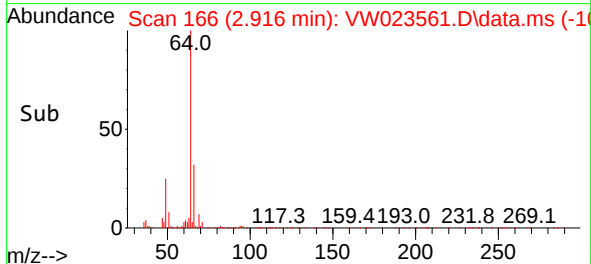
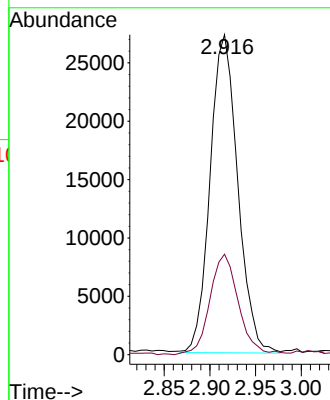
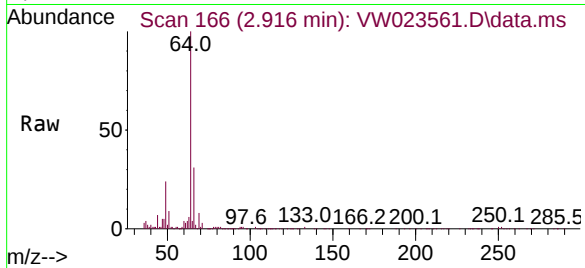




#8
Chloroethane
Concen: 21.248 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

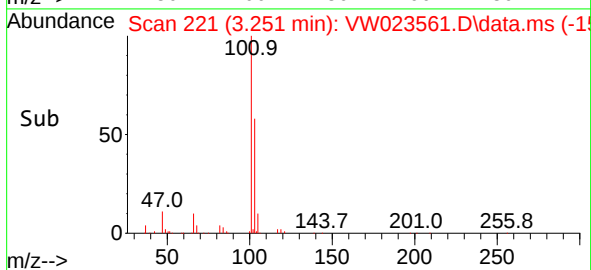
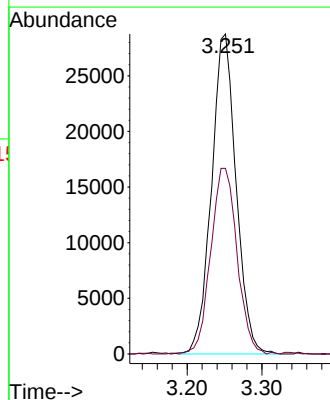
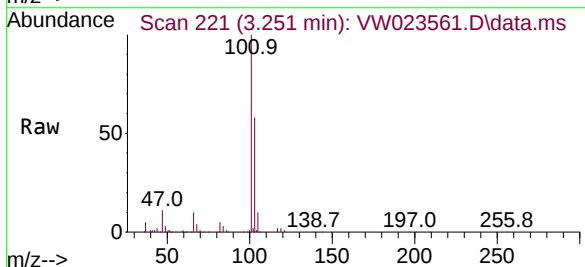
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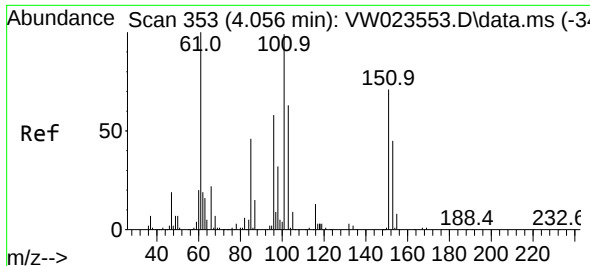
Tgt Ion: 64 Resp: 57354
Ion Ratio Lower Upper
64 100
66 31.4 20.6 38.2



#9
Trichlorofluoromethane
Concen: 23.726 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 101 Resp: 66005
Ion Ratio Lower Upper
101 100
103 61.7 53.2 79.8

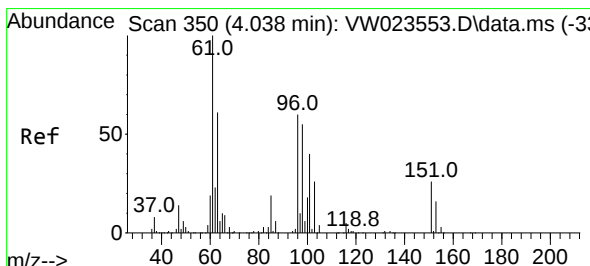
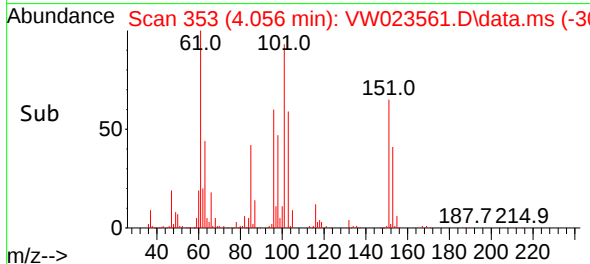
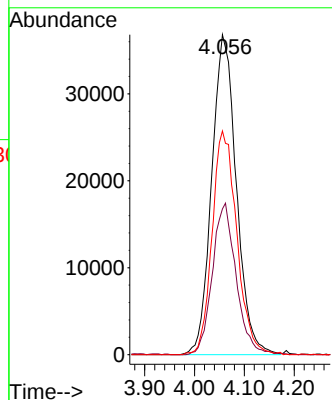
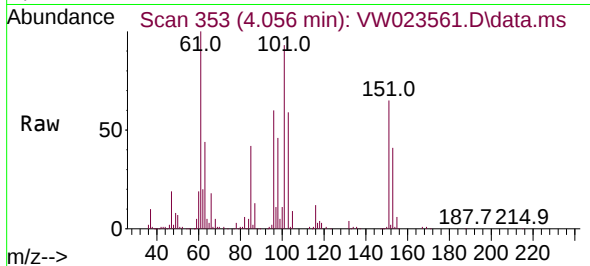




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.081 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW023561.D
 Acq: 05 Jul 2022 09:08

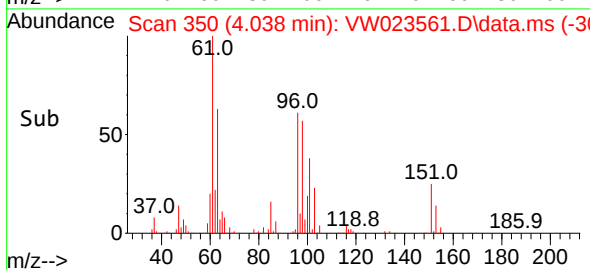
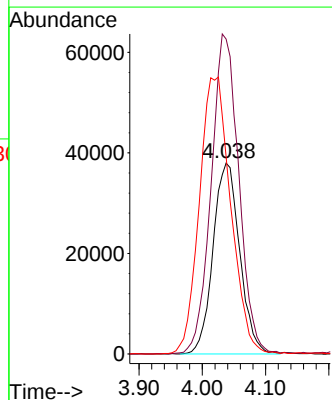
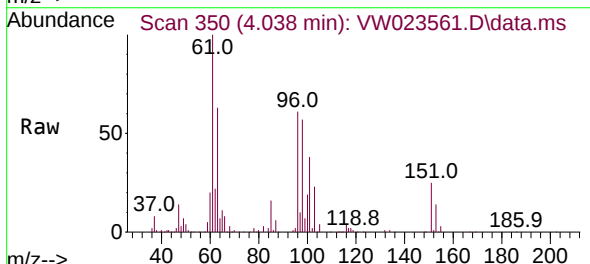
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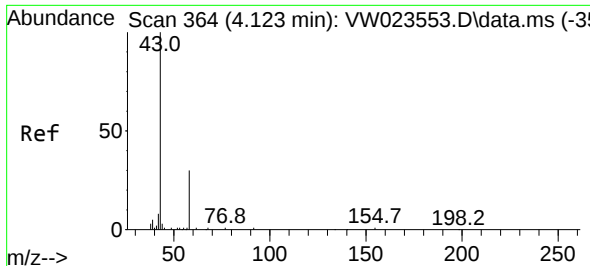
Tgt Ion:101 Resp: 126453
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.0 55.4
 151 69.9 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 29.647 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023561.D
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Tgt Ion: 96 Resp: 111060
 Ion Ratio Lower Upper
 96 100
 61 164.9 122.0 226.6
 63 103.2 83.0 154.2

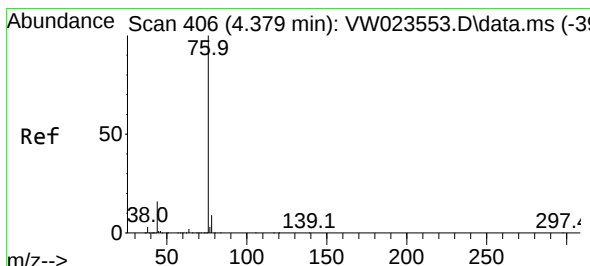
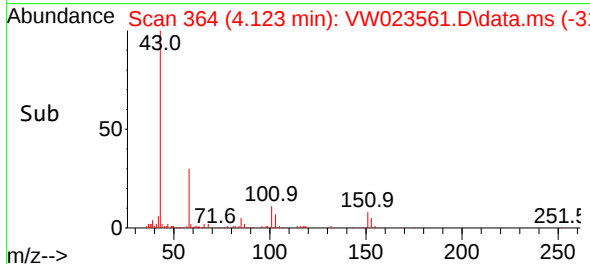
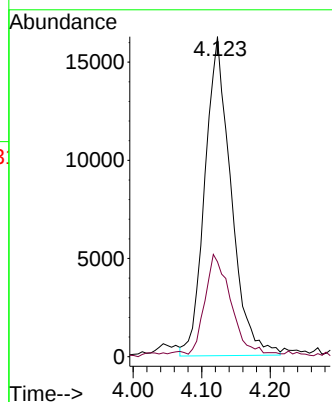
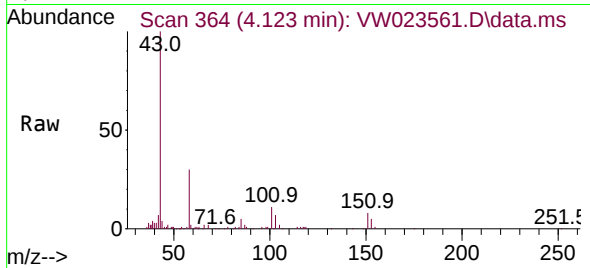




#13
Acetone
Concen: 46.896 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

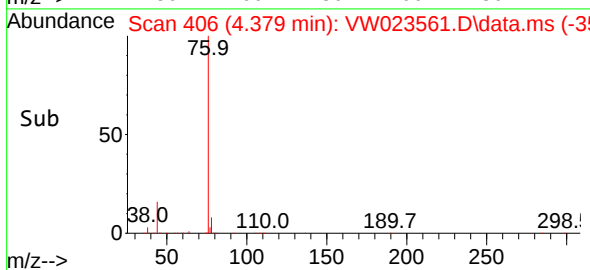
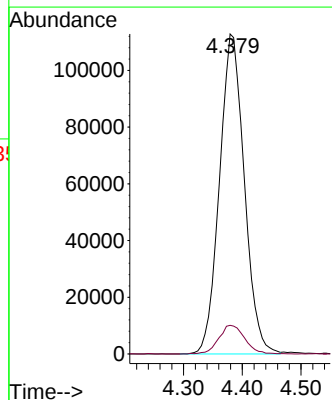
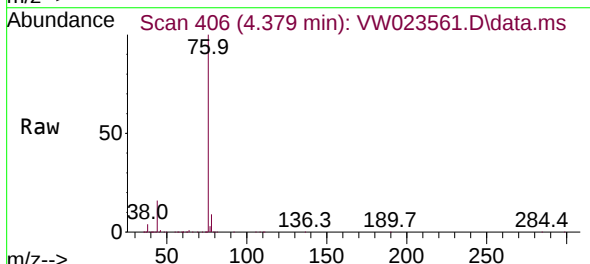
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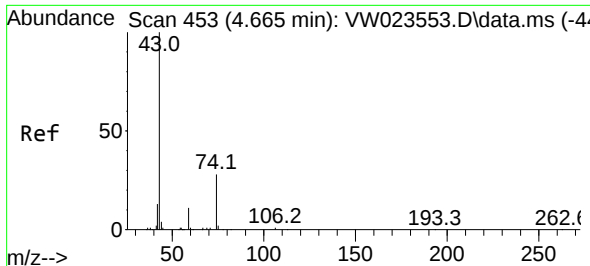
Tgt Ion: 43 Resp: 43135
Ion Ratio Lower Upper
43 100
58 30.3 0.0 61.2



#14
Carbon disulfide
Concen: 32.793 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 76 Resp: 331352
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

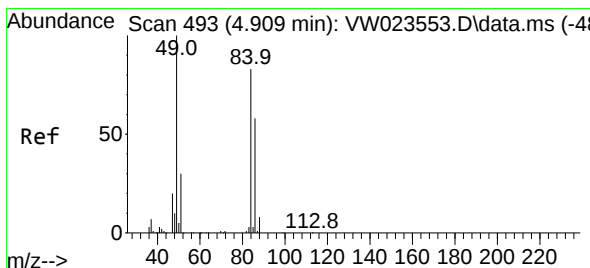
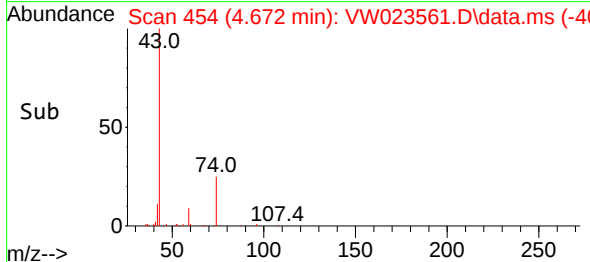
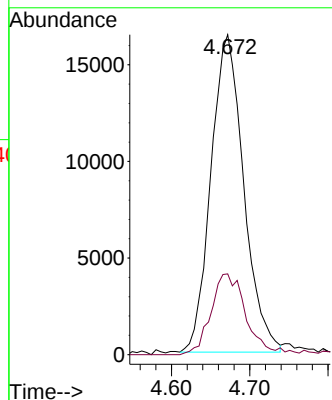
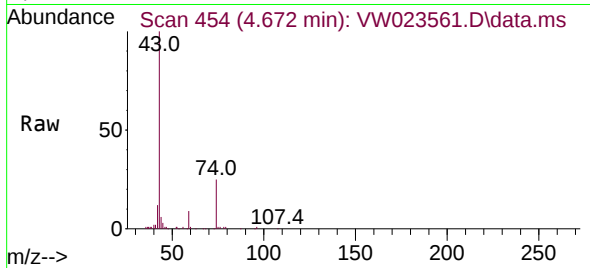




#15
Methyl Acetate
Concen: 22.668 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

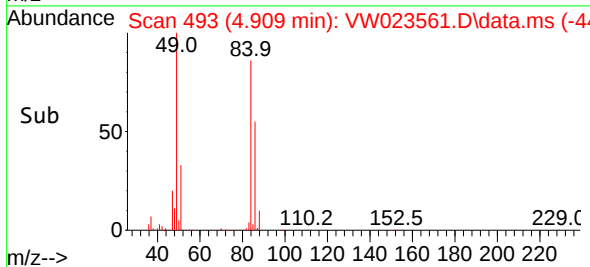
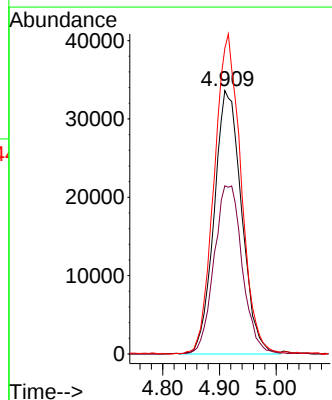
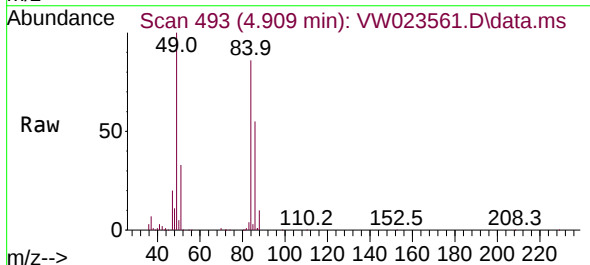
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

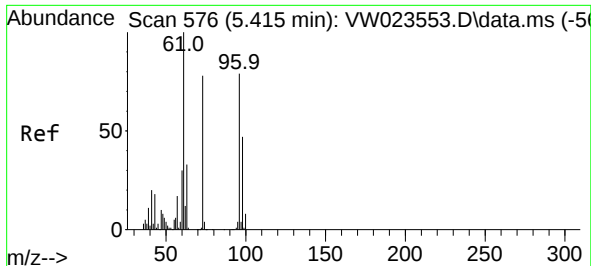
Tgt Ion: 43 Resp: 47769
Ion Ratio Lower Upper
43 100
74 26.6 20.4 30.6



#16
Methylene chloride
Concen: 21.248 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 84 Resp: 112987
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.3
49 116.0 87.6 162.6

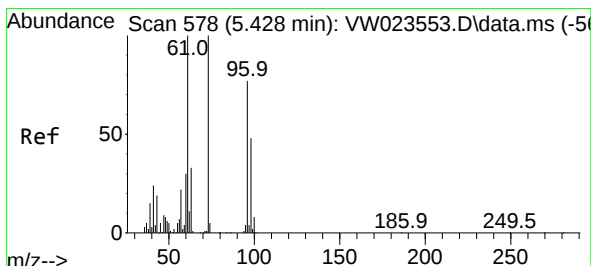
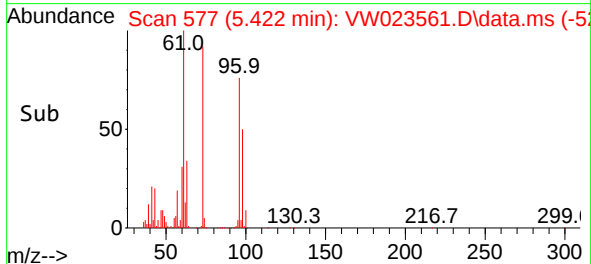
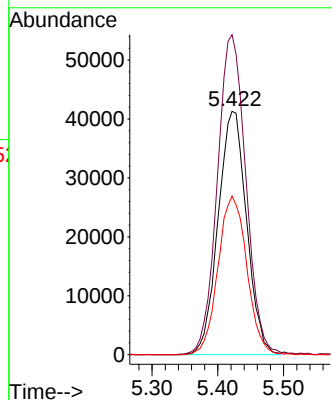
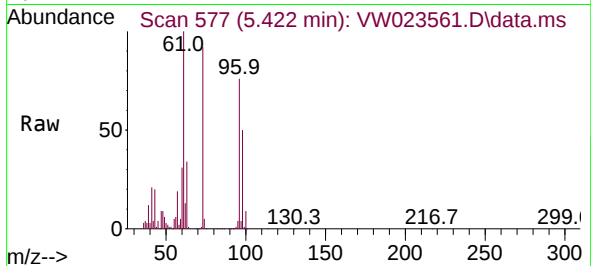




#17
trans-1,2-Dichloroethene
Concen: 26.341 ug/L
RT: 5.422 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

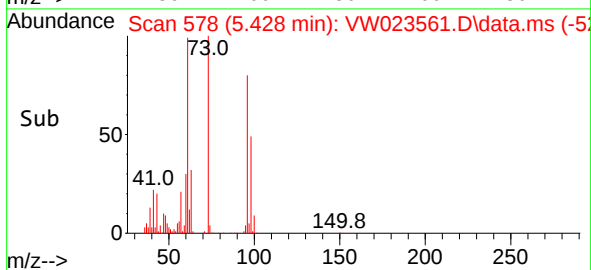
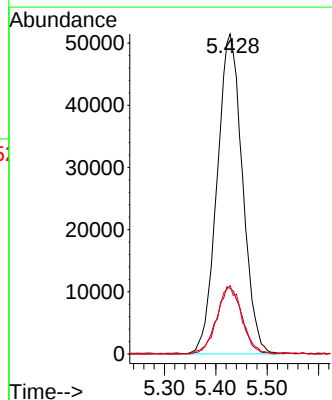
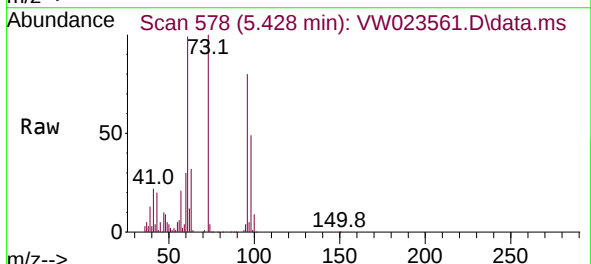
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

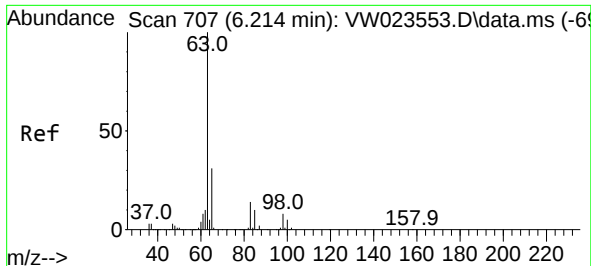
Tgt Ion: 96 Resp: 124531
Ion Ratio Lower Upper
96 100
61 131.5 92.3 171.5
98 65.1 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 25.465 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 73 Resp: 176555
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.2
57 20.8 16.9 25.3

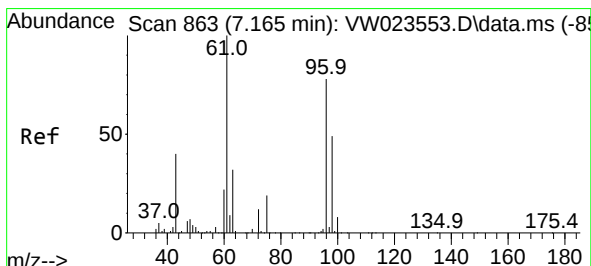
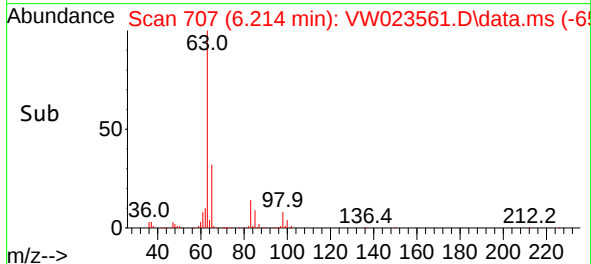
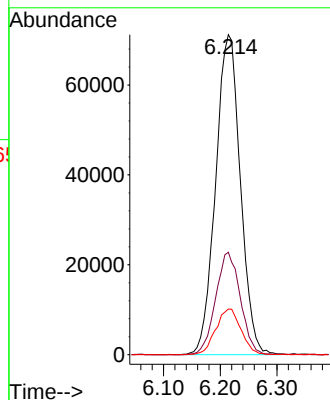
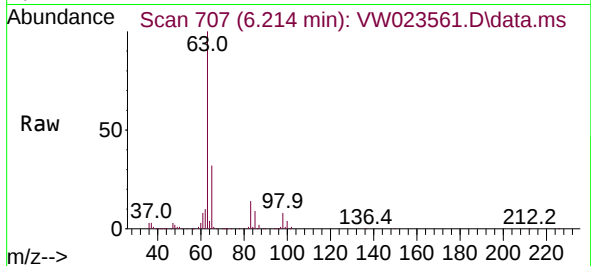




#19
1,1-Dichloroethane
Concen: 25.903 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

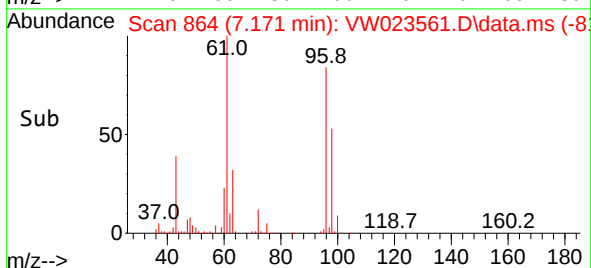
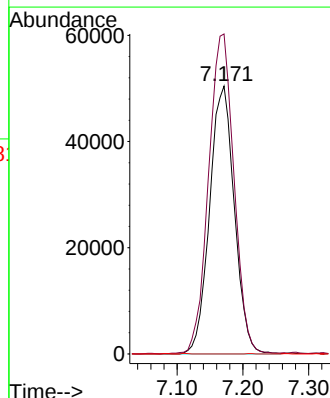
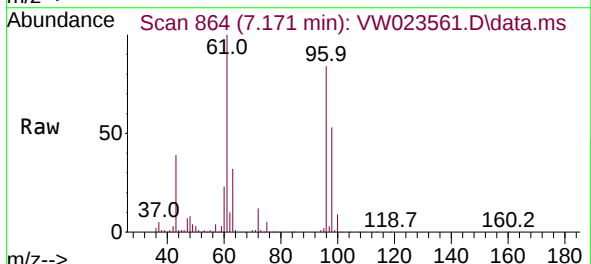
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

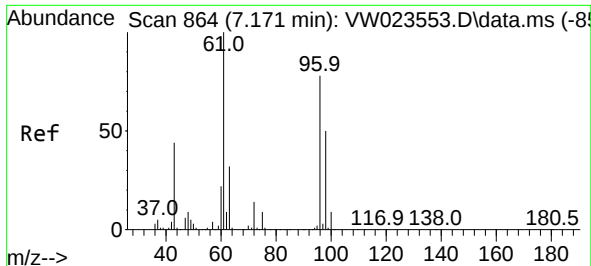
Tgt Ion: 63 Resp: 215981
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 14.3 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 25.674 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 96 Resp: 132277
Ion Ratio Lower Upper
96 100
61 119.5 83.2 154.6
68 0.0 0.0 0.0

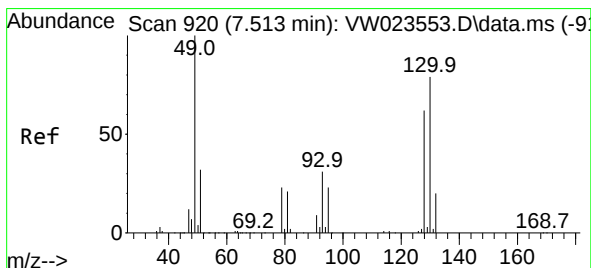
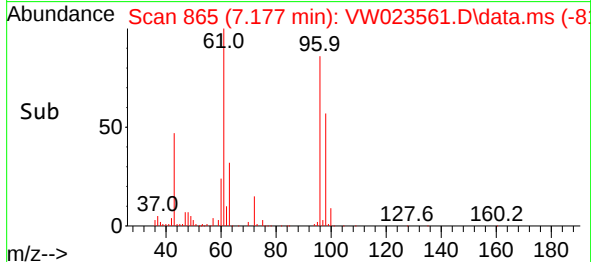
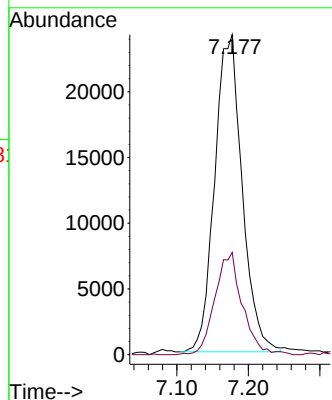
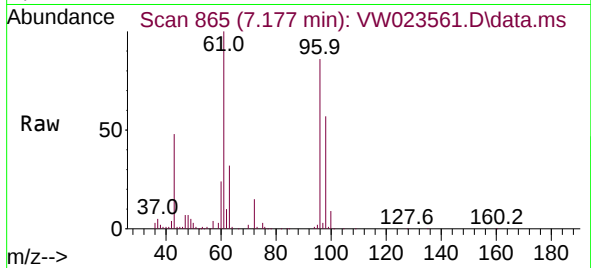




#22
2-Butanone
Concen: 42.753 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

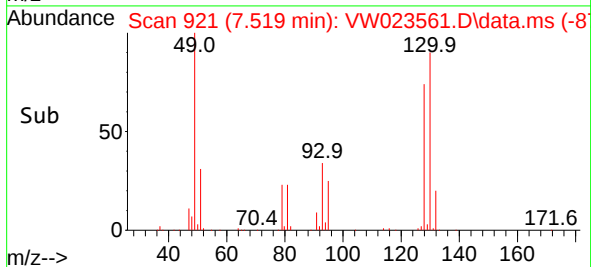
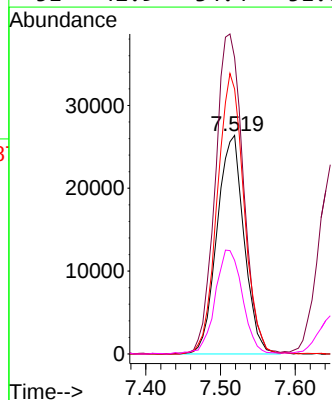
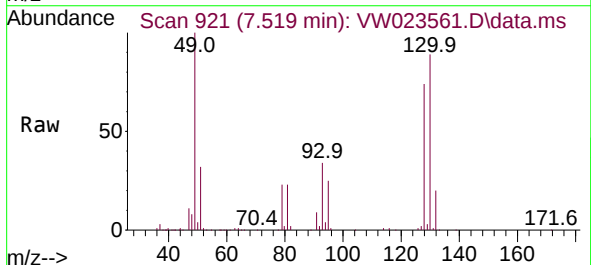
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

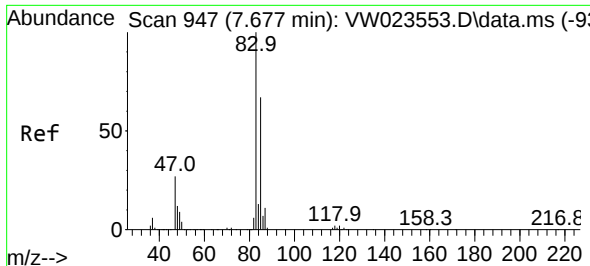
Tgt Ion: 43 Resp: 64293
Ion Ratio Lower Upper
43 100
72 31.6 15.4 46.1



#23
Bromochloromethane
Concen: 26.004 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 128 Resp: 66311
Ion Ratio Lower Upper
128 100
49 135.6 105.8 196.6
130 121.3 87.6 162.8
51 42.9 34.4 51.6





#25

Chloroform

Concen: 26.203 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

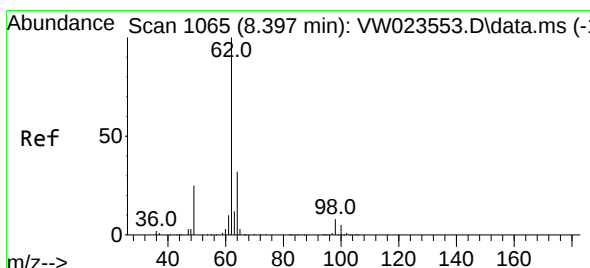
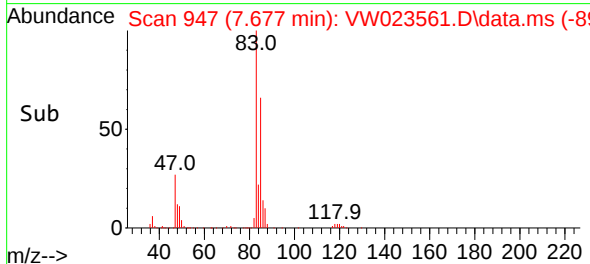
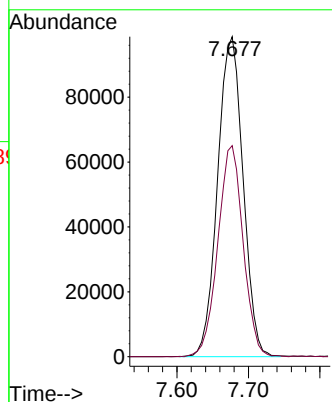
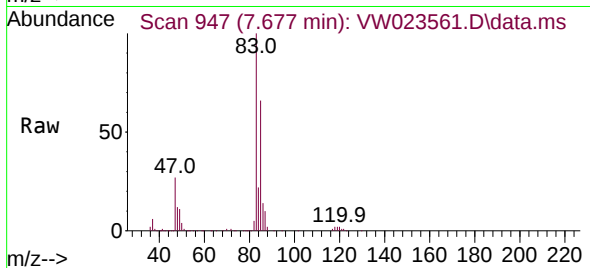
VSTD025588

Tgt Ion: 83 Resp: 243886

Ion Ratio Lower Upper

83 100

85 66.0 47.0 87.4



#27

1,2-Dichloroethane

Concen: 26.020 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW023561.D

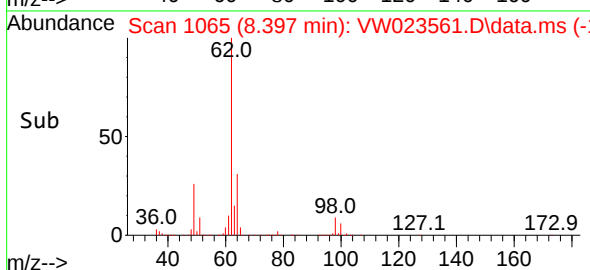
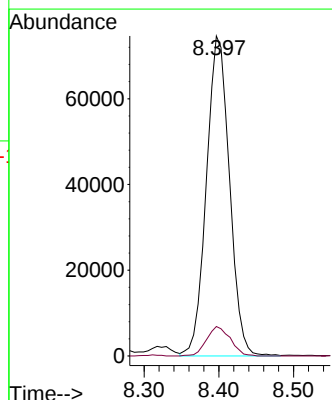
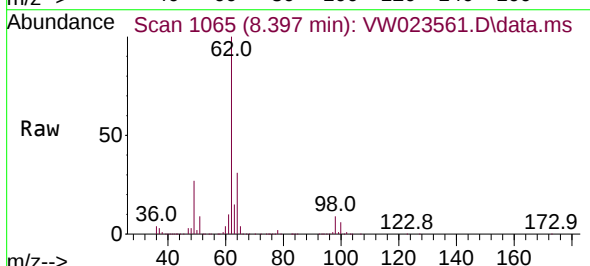
Acq: 05 Jul 2022 09:08

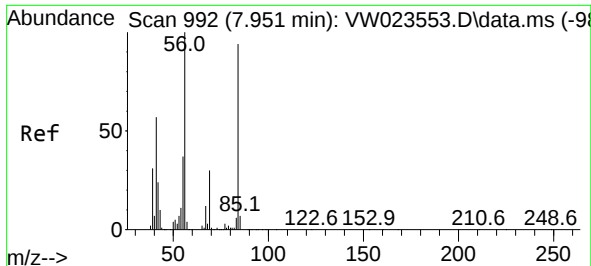
Tgt Ion: 62 Resp: 160112

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 28.289 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

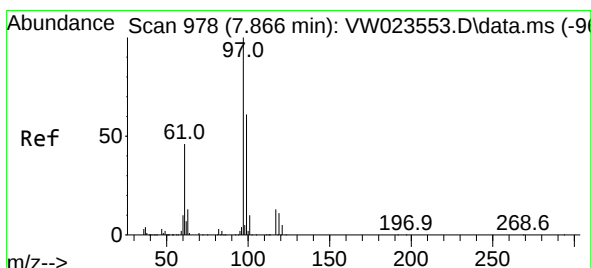
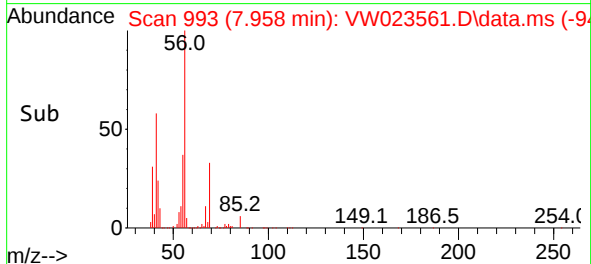
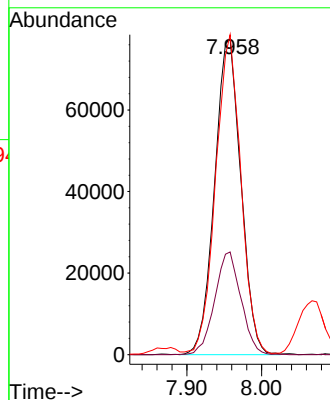
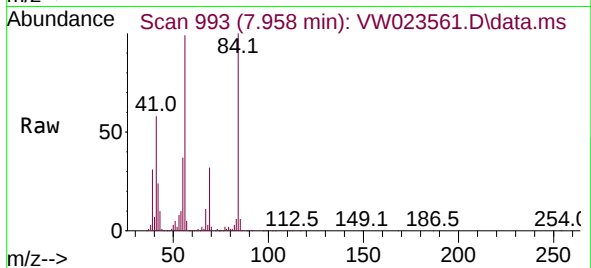
Tgt Ion: 56 Resp: 189077

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

84 97.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 27.151 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

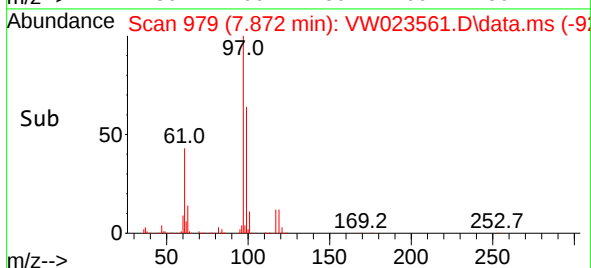
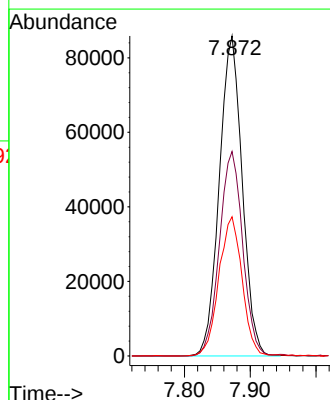
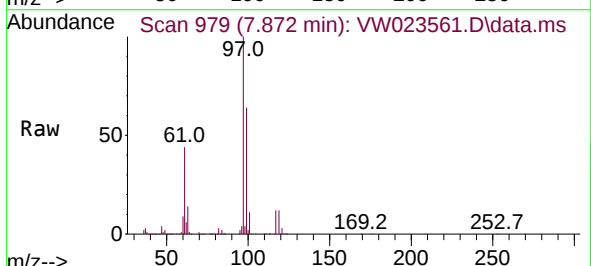
Tgt Ion: 97 Resp: 208160

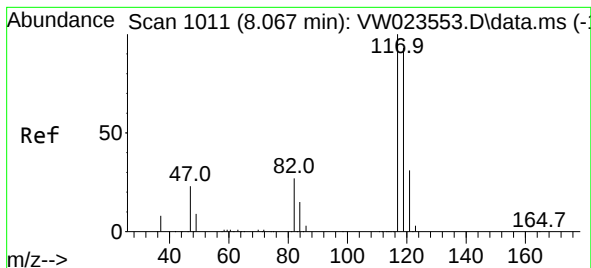
Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 44.0 35.8 53.8





#31

Carbon tetrachloride

Concen: 27.773 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

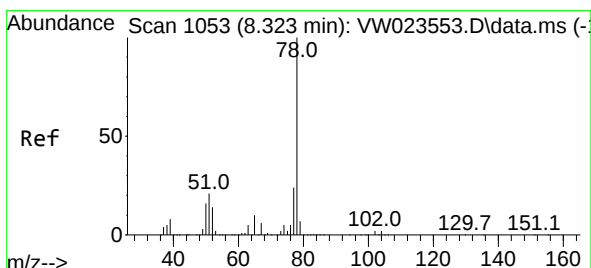
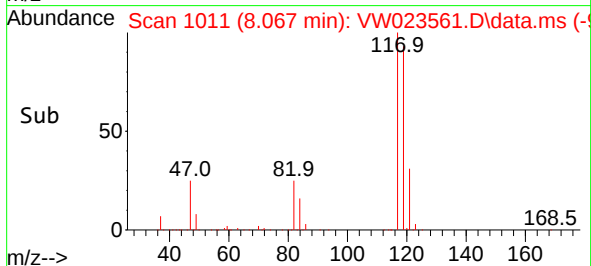
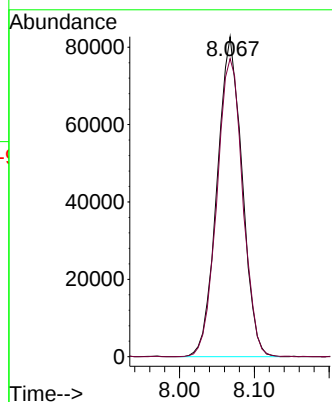
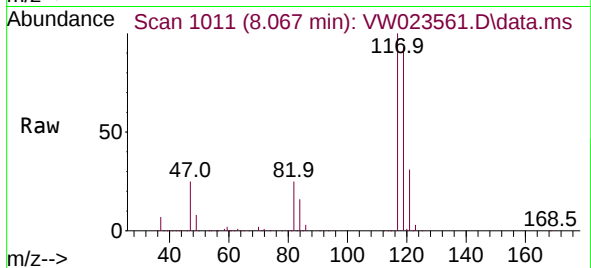
VSTD025588

Tgt Ion:117 Resp: 192480

Ion Ratio Lower Upper

117 100

119 96.1 76.7 115.1



#33

Benzene

Concen: 26.271 ug/L

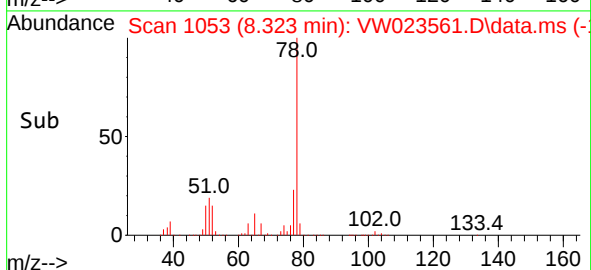
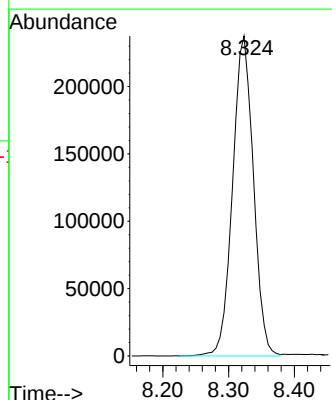
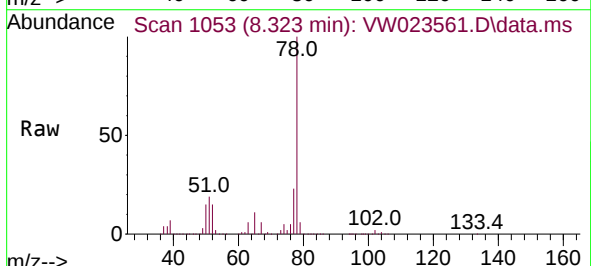
RT: 8.323 min Scan# 1053

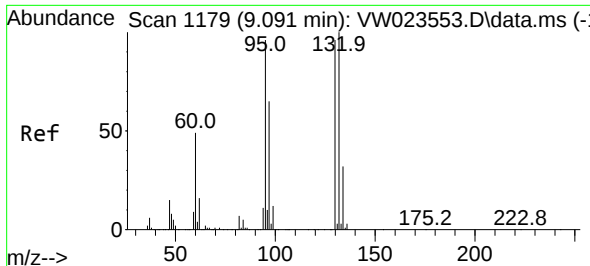
Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Tgt Ion: 78 Resp: 522444

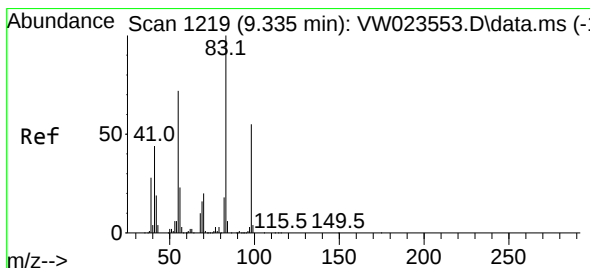
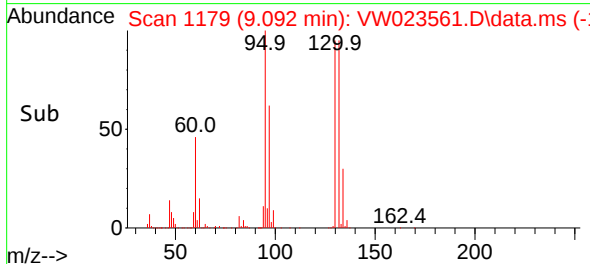
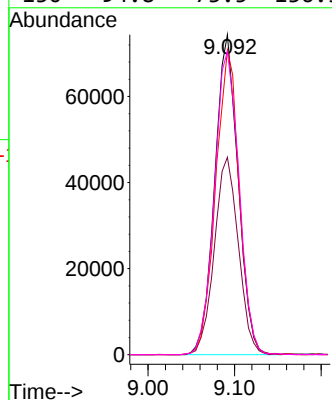
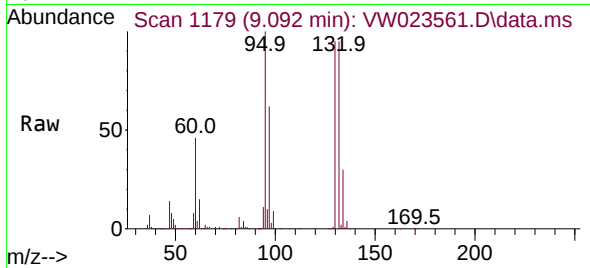




#34
Trichloroethene
Concen: 26.196 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

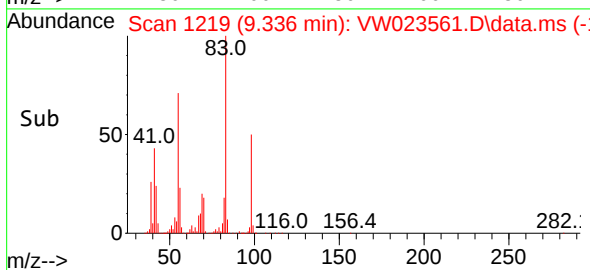
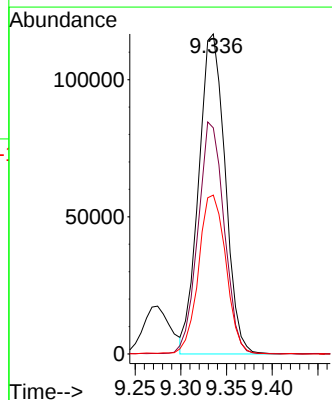
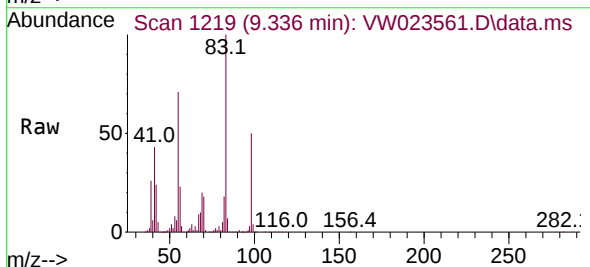
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

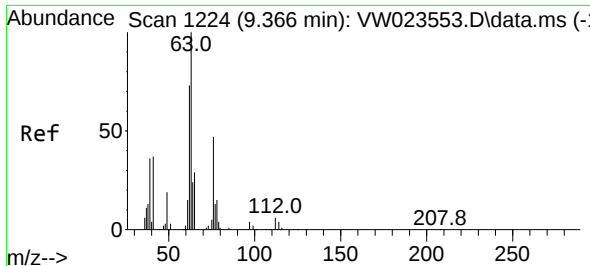
Tgt Ion: 95 Resp: 139574
Ion Ratio Lower Upper
95 100
97 61.7 47.5 88.1
132 95.3 68.9 127.9
130 94.8 73.5 136.5



#35
Methylcyclohexane
Concen: 27.985 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 83 Resp: 234621
Ion Ratio Lower Upper
83 100
55 71.7 57.0 85.6
98 51.4 40.2 60.4





#37

1,2-Dichloropropane

Concen: 25.852 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

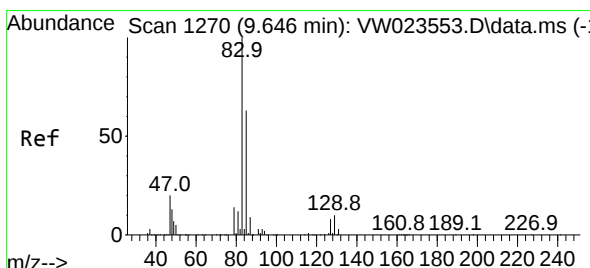
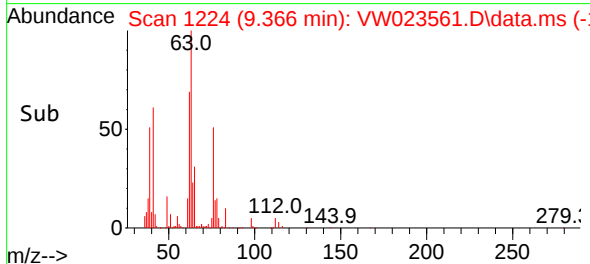
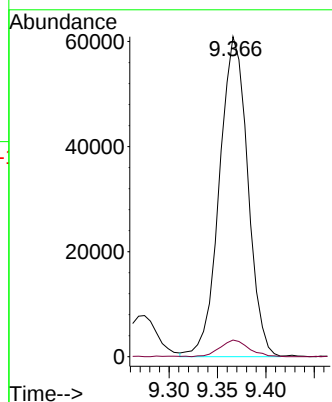
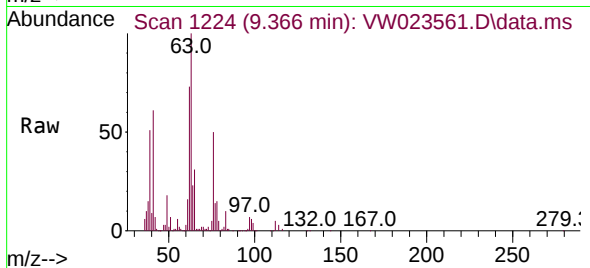
VSTD025588

Tgt Ion: 63 Resp: 124354

Ion Ratio Lower Upper

63 100

112 5.3 4.1 6.1



#38

Bromodichloromethane

Concen: 25.996 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

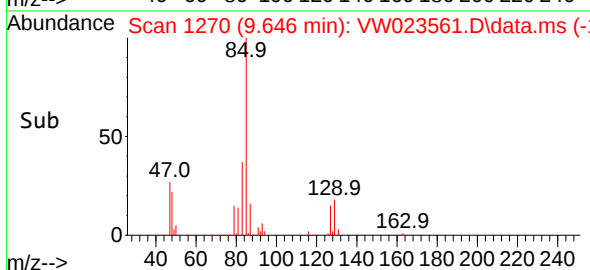
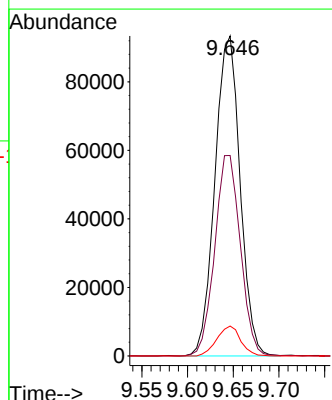
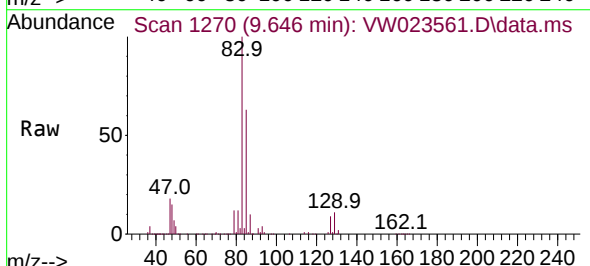
Tgt Ion: 83 Resp: 179026

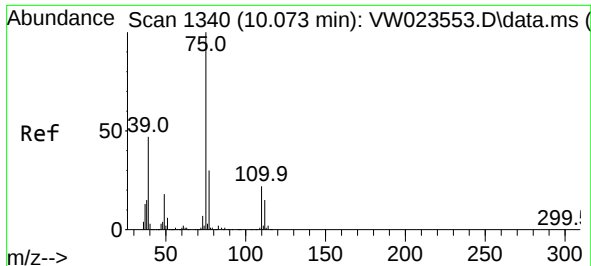
Ion Ratio Lower Upper

83 100

85 62.7 44.2 82.0

127 9.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 26.795 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

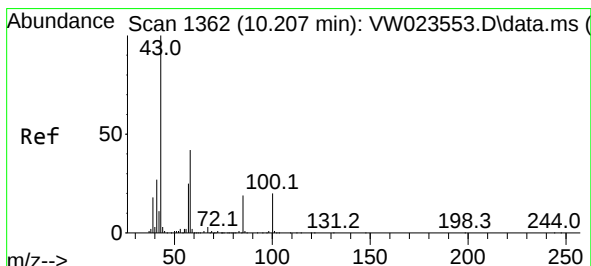
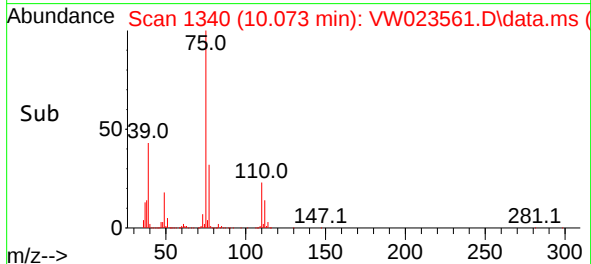
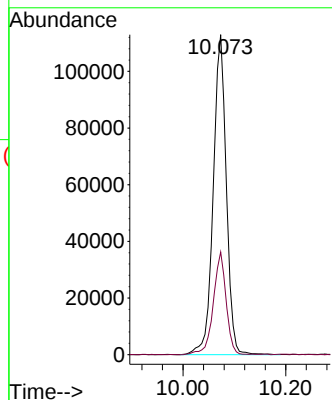
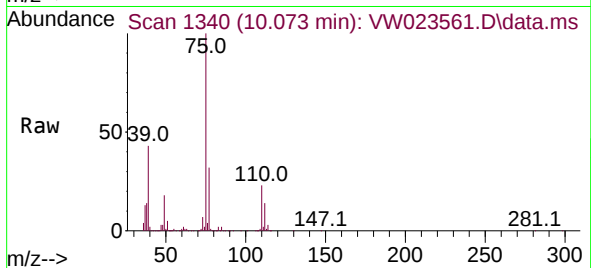
VSTD025588

Tgt Ion: 75 Resp: 199586

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 48.360 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

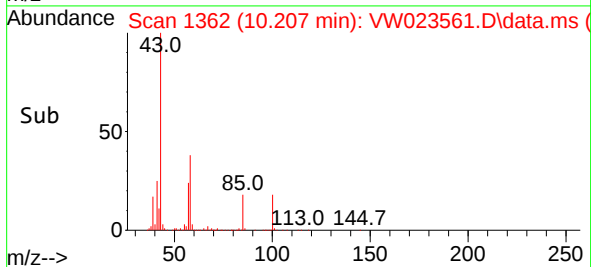
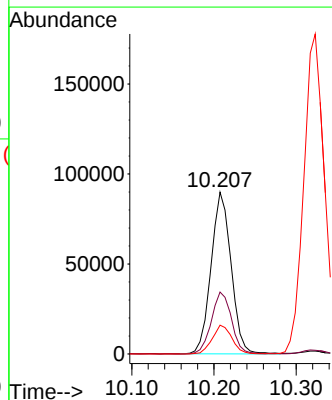
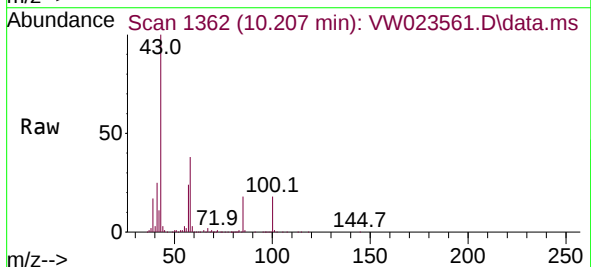
Tgt Ion: 43 Resp: 152459

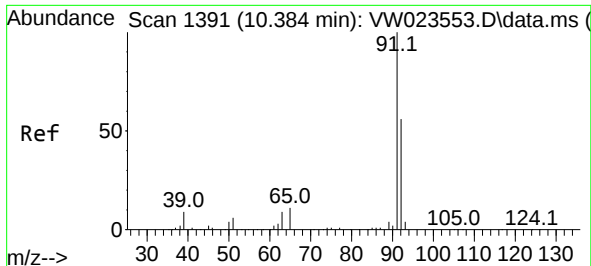
Ion Ratio Lower Upper

43 100

58 38.4 31.8 47.8

100 17.4 14.0 21.0

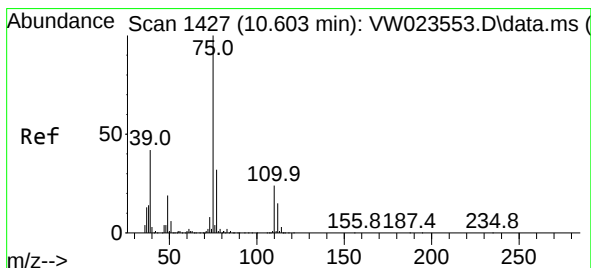
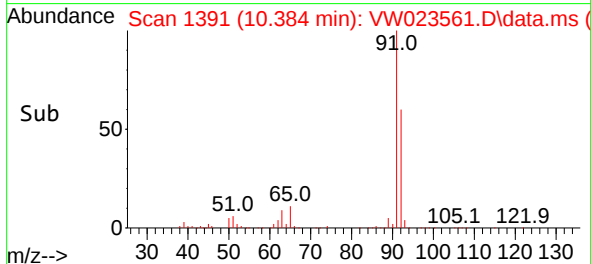
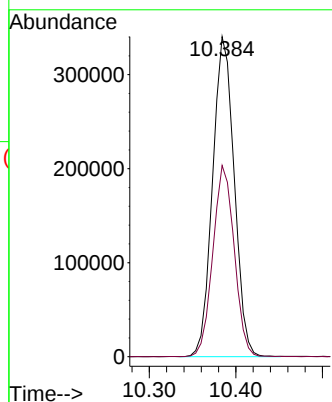
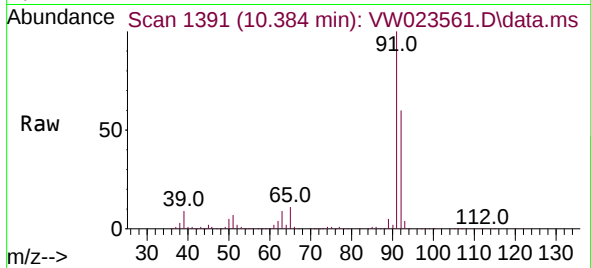




#42
Toluene
Concen: 26.824 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

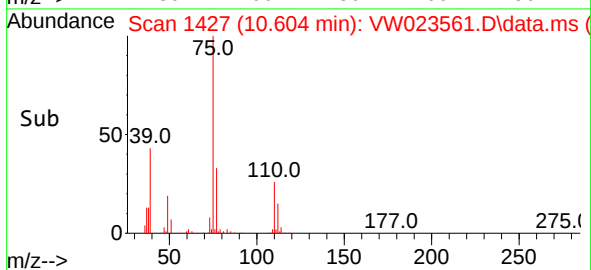
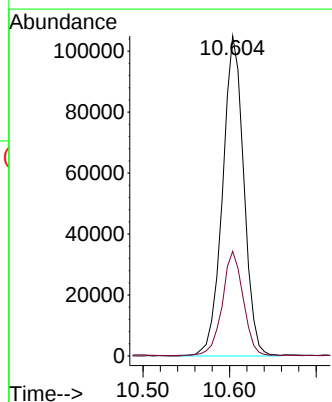
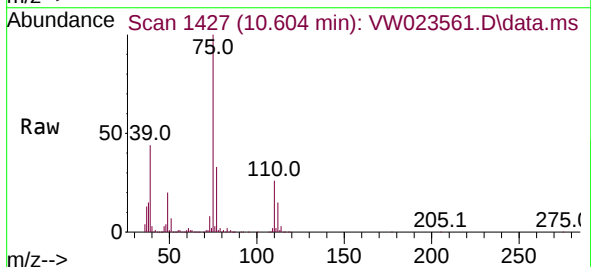
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

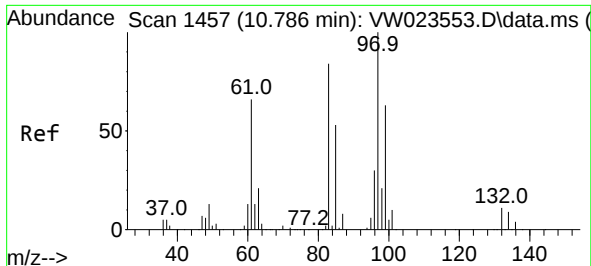
Tgt Ion: 91 Resp: 590009
Ion Ratio Lower Upper
91 100
92 59.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.990 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 75 Resp: 178924
Ion Ratio Lower Upper
75 100
77 32.7 22.9 42.5



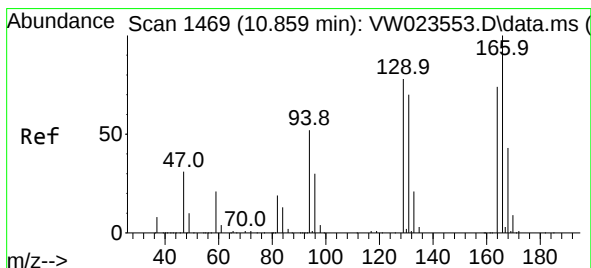
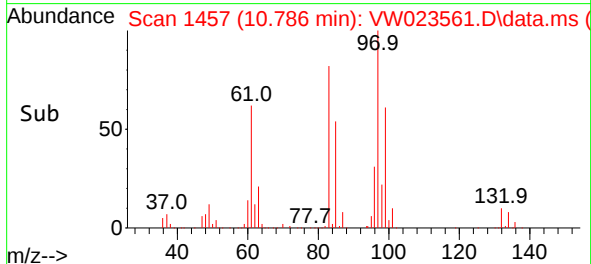
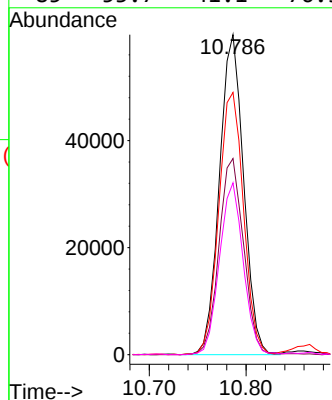
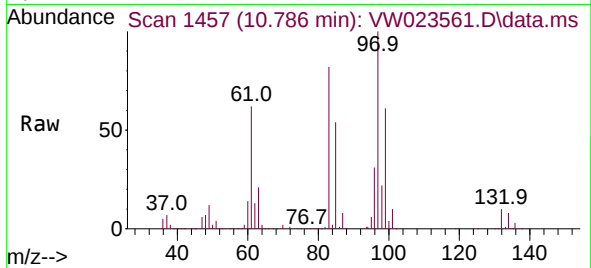


#45
1,1,2-Trichloroethane
Concen: 25.327 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion: 97 Resp: 103588

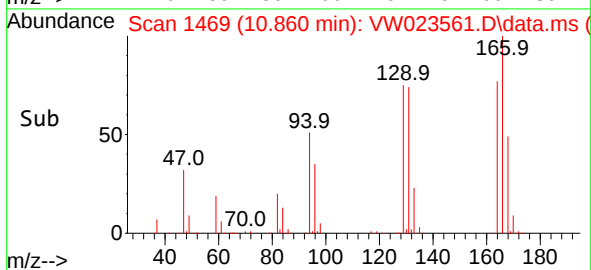
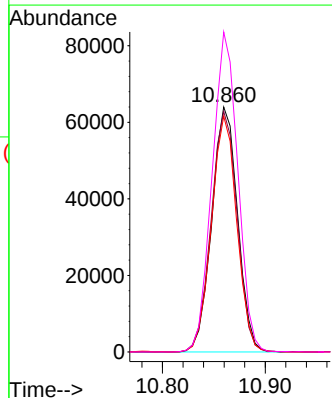
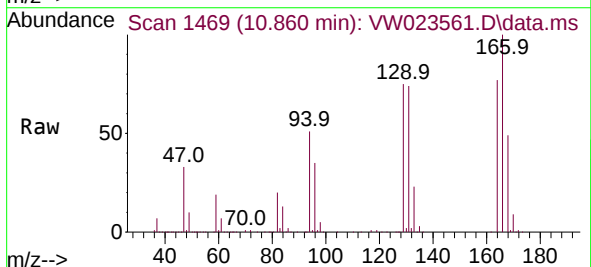
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.9	81.5
83	82.0	59.8	111.0
85	53.7	41.1	76.3

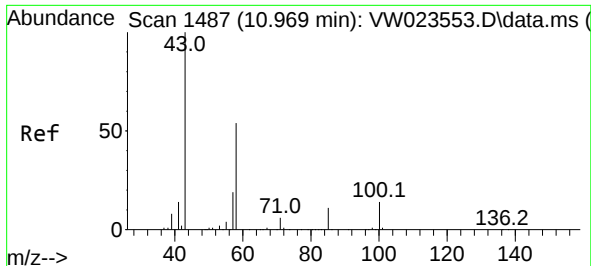


#46
Tetrachloroethene
Concen: 25.956 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion: 164 Resp: 111226

Ion	Ratio	Lower	Upper
164	100		
129	98.2	71.3	132.3
131	96.2	67.0	124.4
166	130.7	90.2	167.6





#48

2-Hexanone

Concen: 50.470 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

Tgt Ion: 43 Resp: 109285

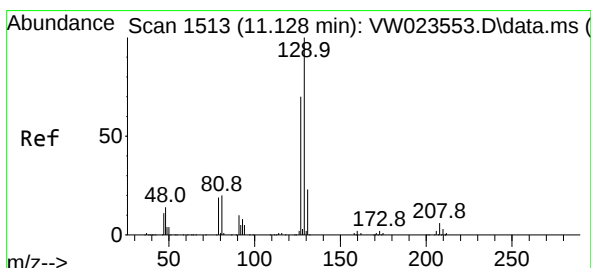
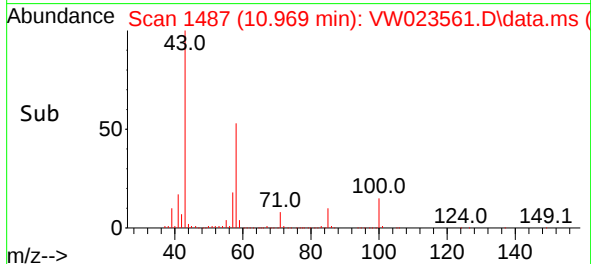
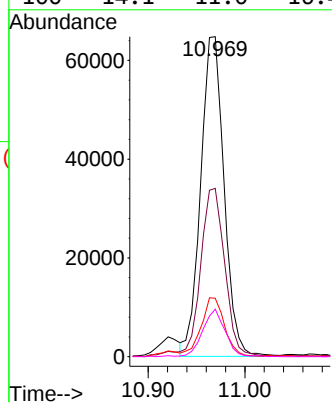
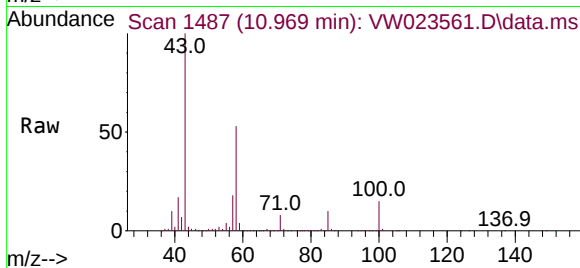
Ion Ratio Lower Upper

43 100

58 53.9 43.7 65.5

57 18.4 15.7 23.5

100 14.1 11.0 16.4



#49

Dibromochloromethane

Concen: 25.042 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023561.D

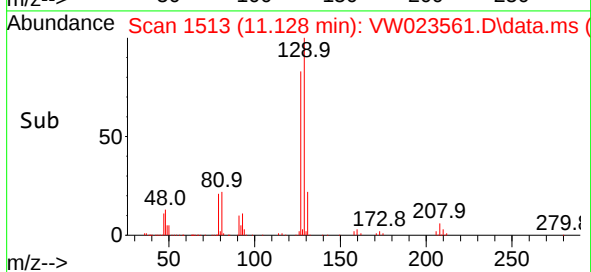
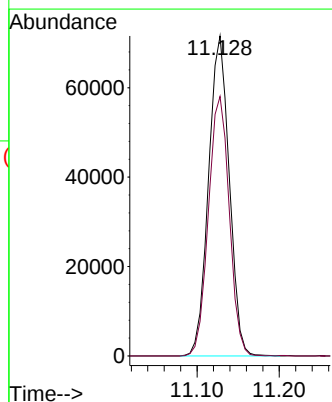
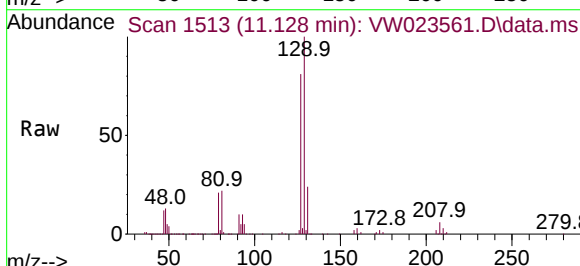
Acq: 05 Jul 2022 09:08

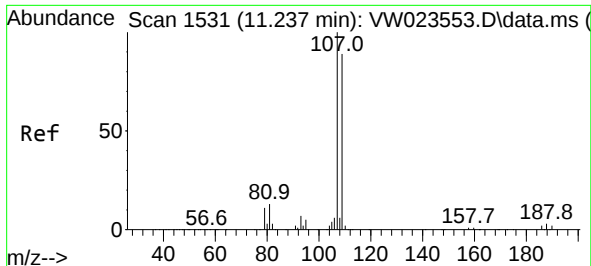
Tgt Ion:129 Resp: 125151

Ion Ratio Lower Upper

129 100

127 81.1 52.7 97.9





#50

1,2-Dibromoethane

Concen: 24.470 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

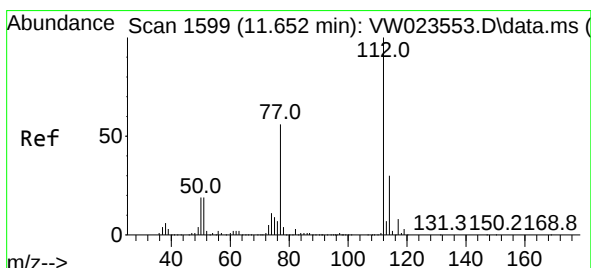
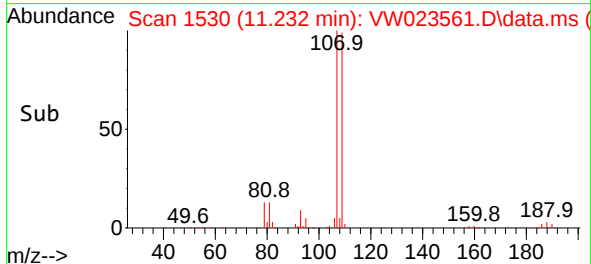
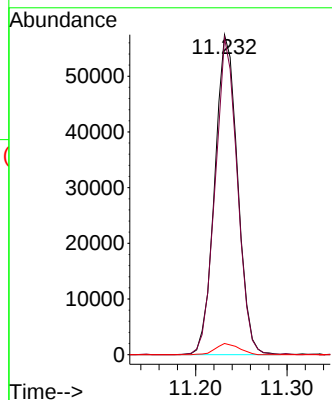
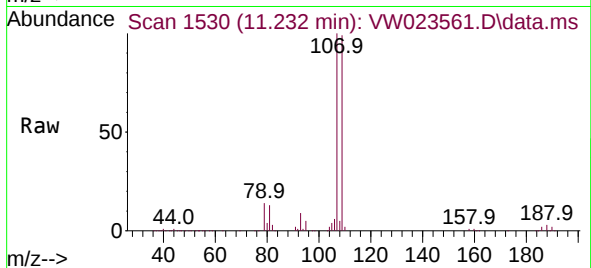
Tgt Ion:107 Resp: 99725

Ion Ratio Lower Upper

107 100

109 99.0 67.2 124.8

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 25.886 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

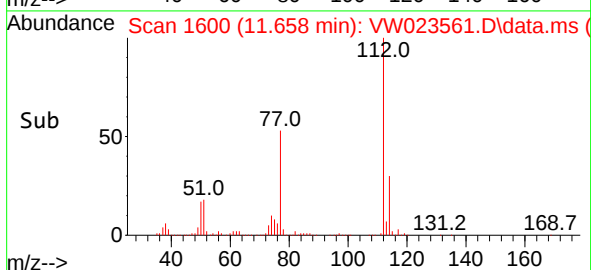
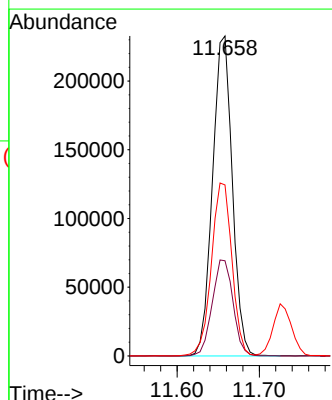
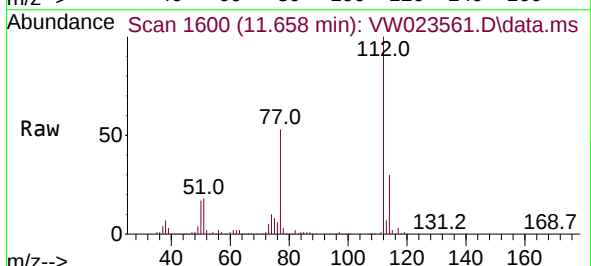
Tgt Ion:112 Resp: 389619

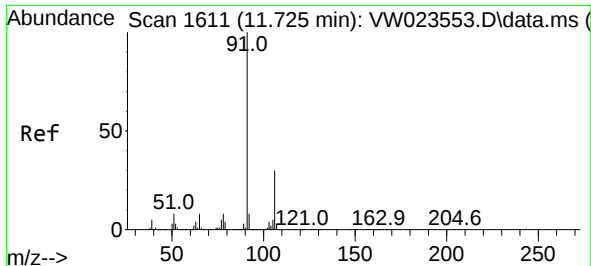
Ion Ratio Lower Upper

112 100

114 29.7 23.1 42.9

77 53.4 44.2 66.4

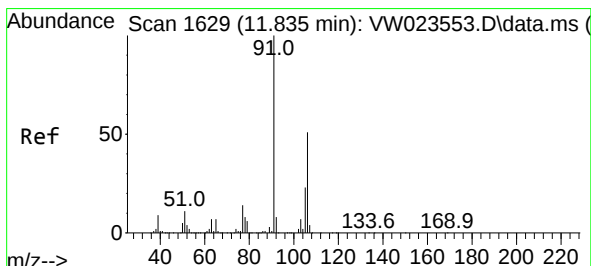
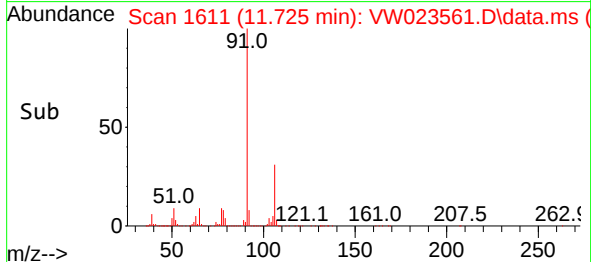
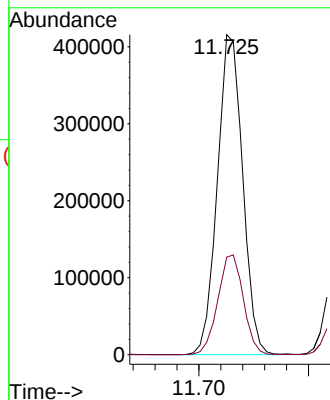
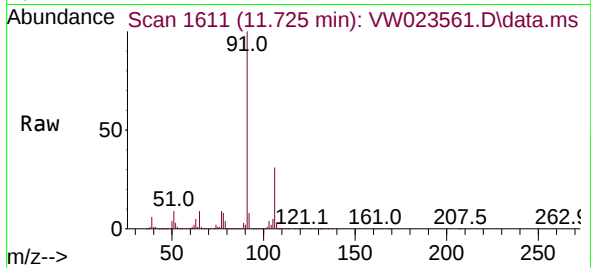




#52
Ethylbenzene
Concen: 27.203 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

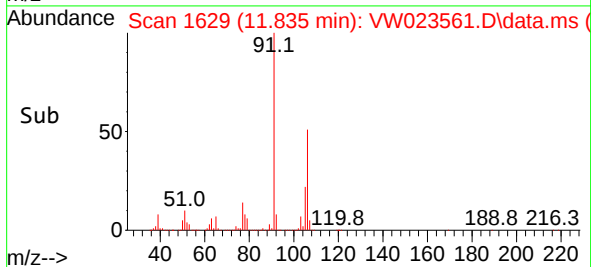
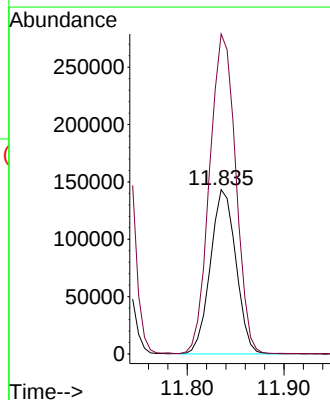
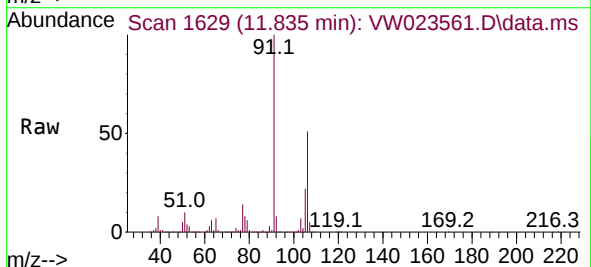
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

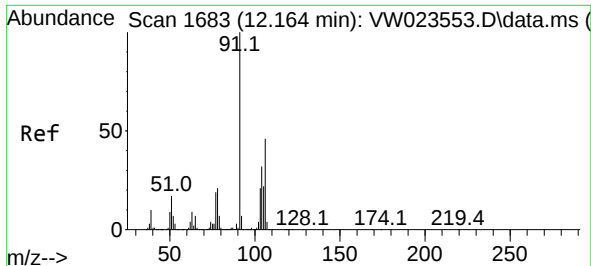
Tgt Ion: 91 Resp: 667391
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8



#53
m,p-Xylene
Concen: 27.275 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion:106 Resp: 263095
Ion Ratio Lower Upper
106 100
91 194.8 140.8 261.6

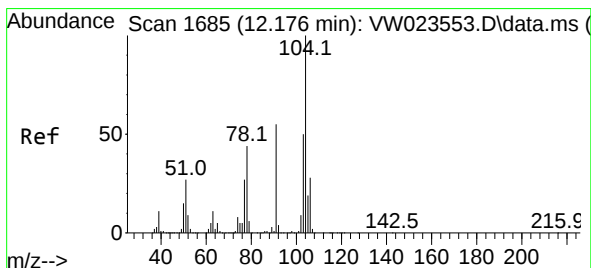
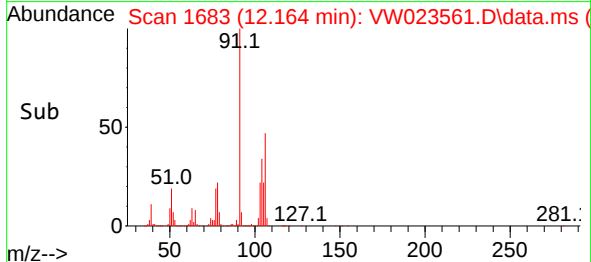
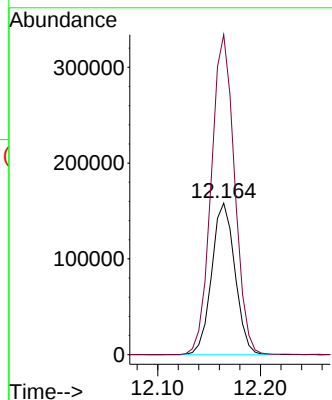
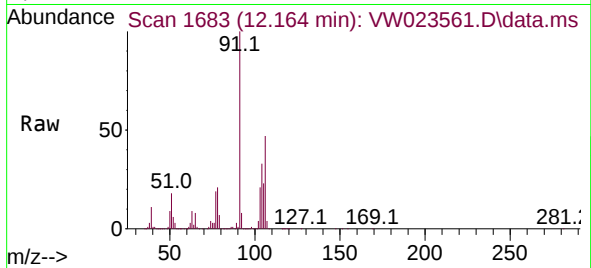




#54
o-Xylene
Concen: 27.304 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

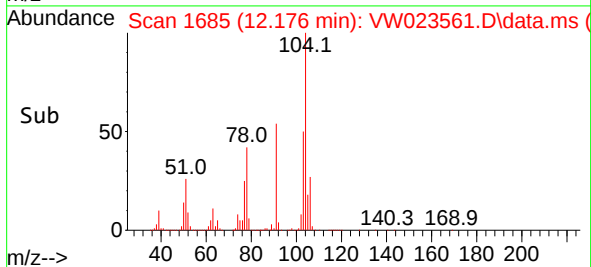
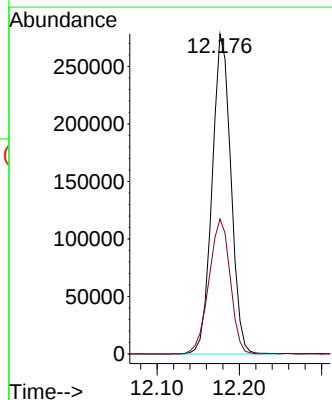
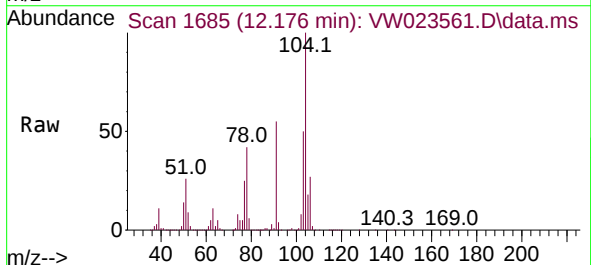
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

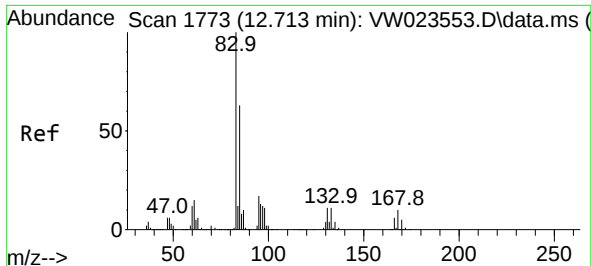
Tgt Ion:106 Resp: 248763
Ion Ratio Lower Upper
106 100
91 211.2 149.3 277.3



#55
Styrene
Concen: 27.735 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion:104 Resp: 441624
Ion Ratio Lower Upper
104 100
78 42.1 32.3 59.9

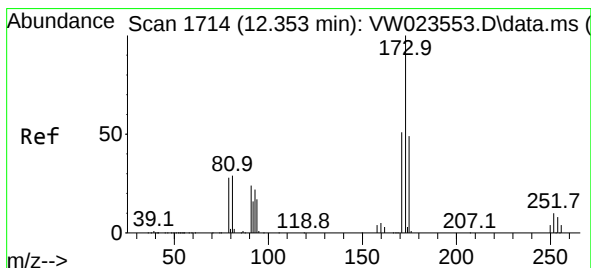
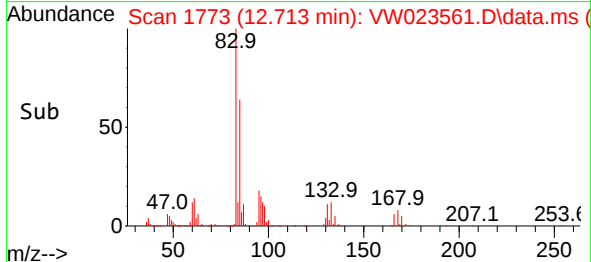
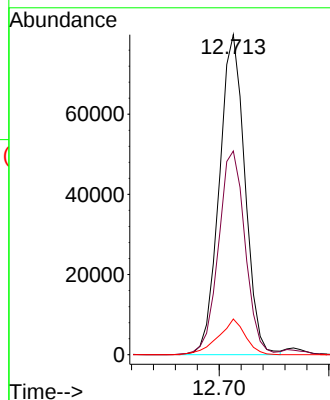
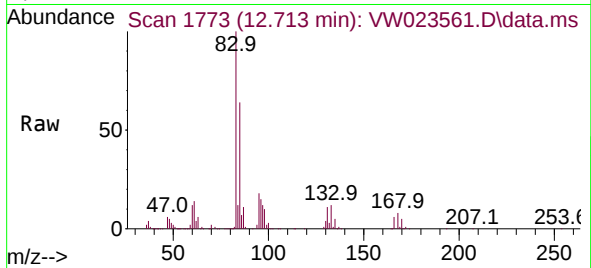




#57
1,1,2-Tetrachloroethane
Concen: 24.680 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

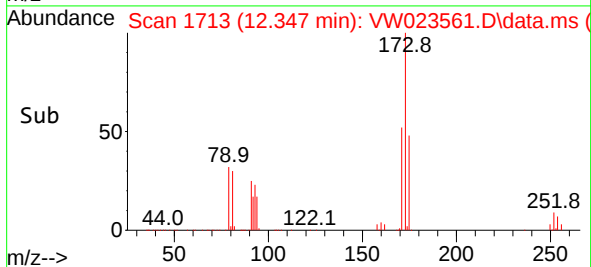
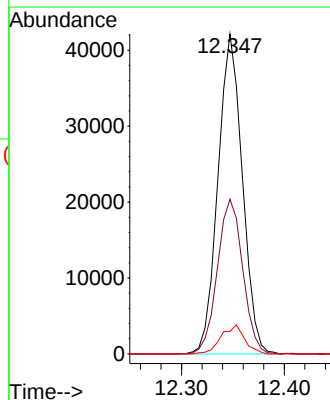
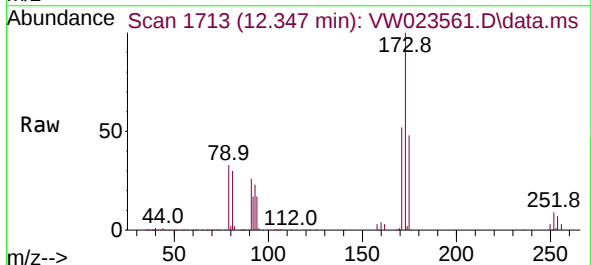
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

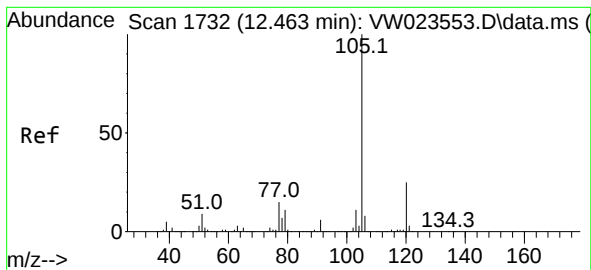
Tgt Ion: 83 Resp: 129823
Ion Ratio Lower Upper
83 100
85 63.6 44.0 81.6
131 11.2 8.5 12.7



#59
Bromoform
Concen: 24.472 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion:173 Resp: 69354
Ion Ratio Lower Upper
173 100
175 50.3 37.9 56.9
254 8.8 7.0 10.4





#60

Isopropylbenzene

Concen: 27.165 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

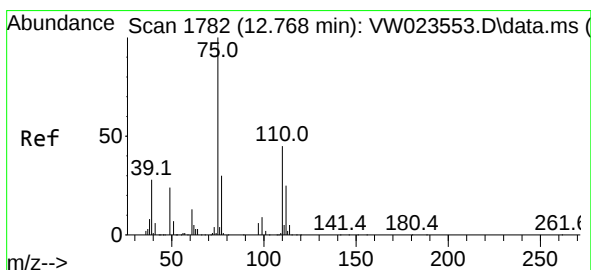
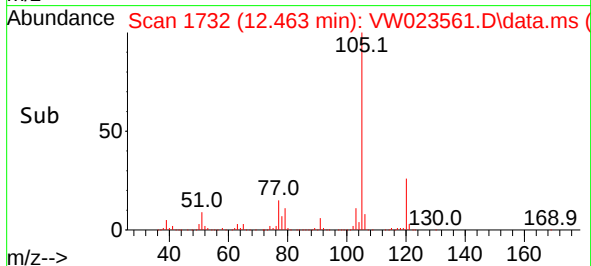
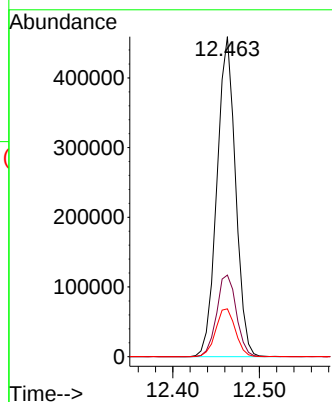
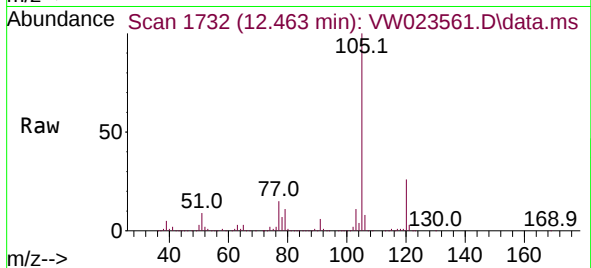
Tgt Ion:105 Resp: 684502

Ion Ratio Lower Upper

105 100

120 27.0 21.3 31.9

77 15.9 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 23.573 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

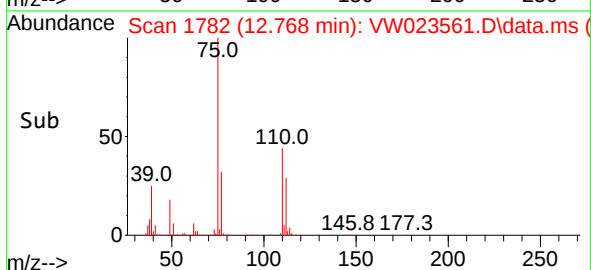
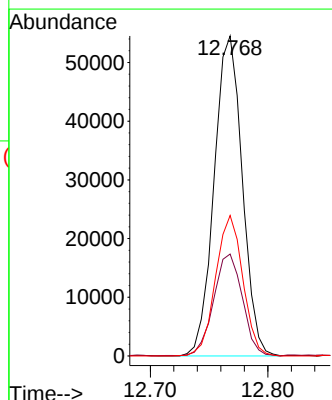
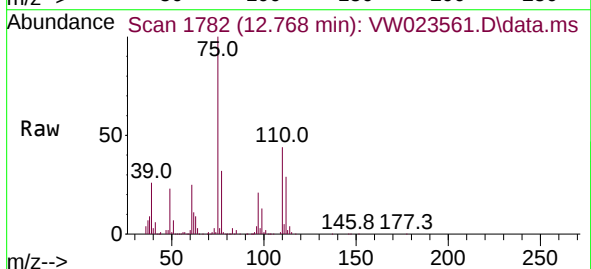
Tgt Ion: 75 Resp: 90699

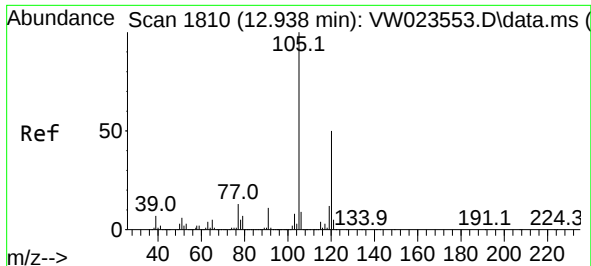
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 42.4 34.3 51.5

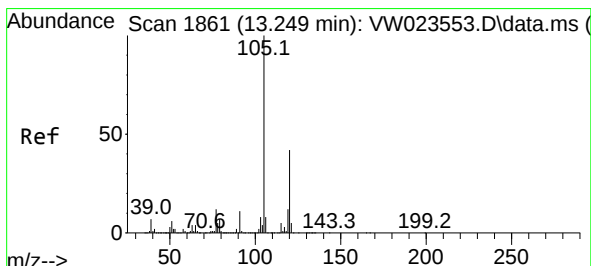
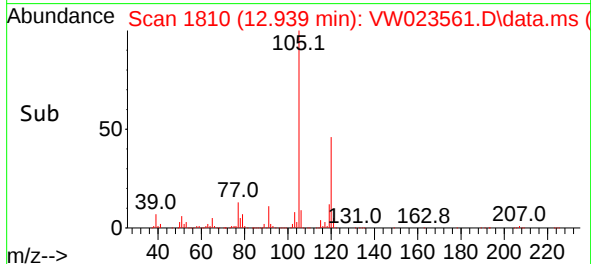
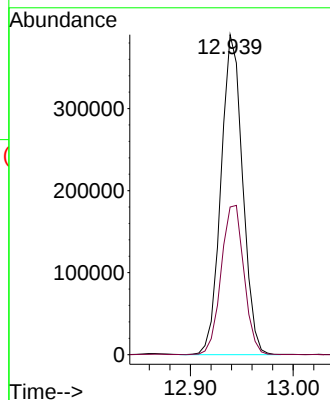
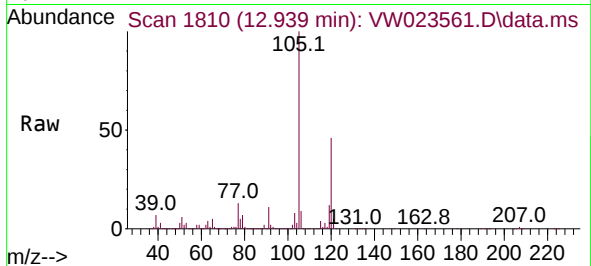




#62
1,3,5-Trimethylbenzene
Concen: 27.237 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

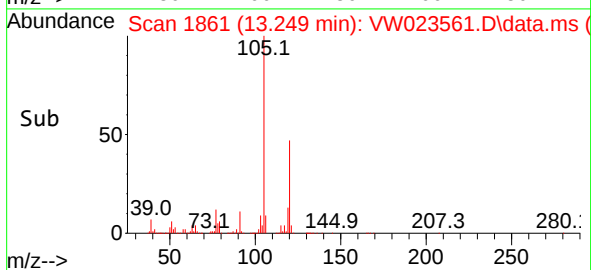
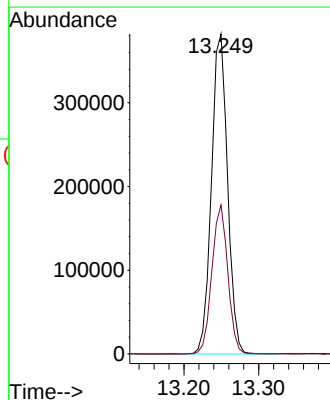
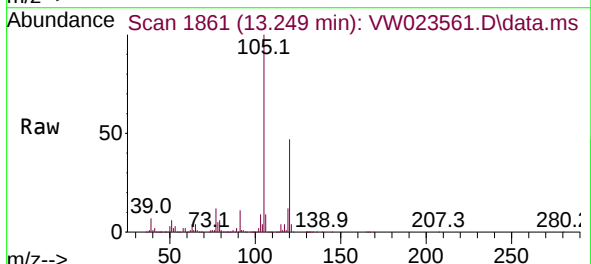
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

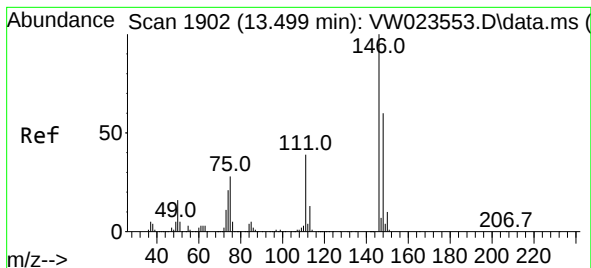
Tgt Ion:105 Resp: 570206
Ion Ratio Lower Upper
105 100
120 49.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 27.255 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion:105 Resp: 572607
Ion Ratio Lower Upper
105 100
120 45.9 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 25.449 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

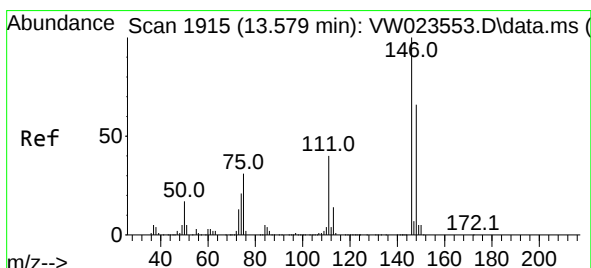
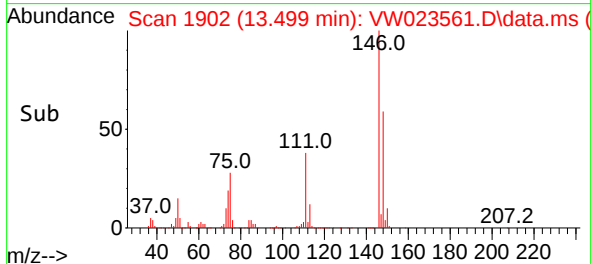
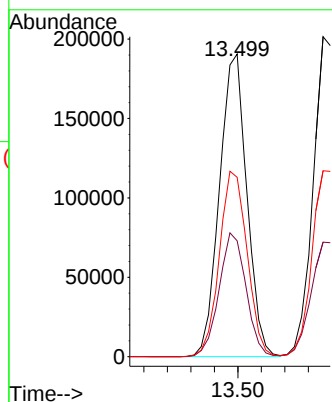
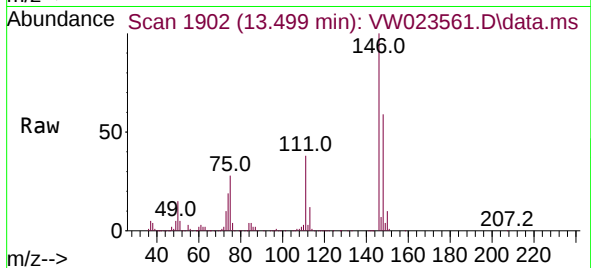
Tgt Ion:146 Resp: 308200

Ion Ratio Lower Upper

146 100

111 38.3 26.7 49.7

148 59.2 43.3 80.5



#65

1,4-Dichlorobenzene

Concen: 25.448 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

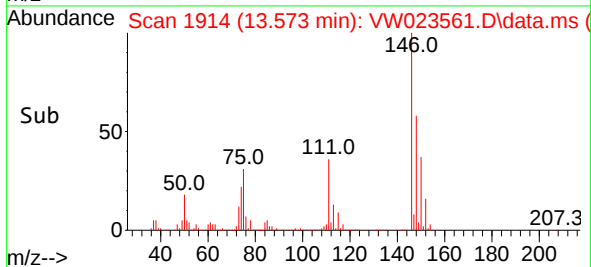
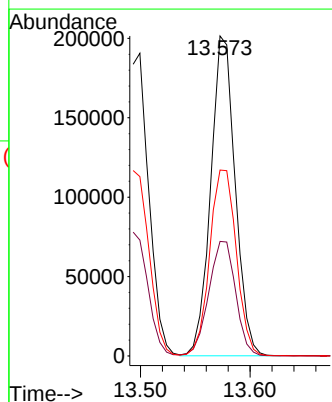
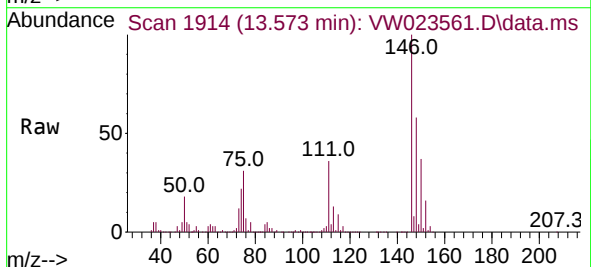
Tgt Ion:146 Resp: 312561

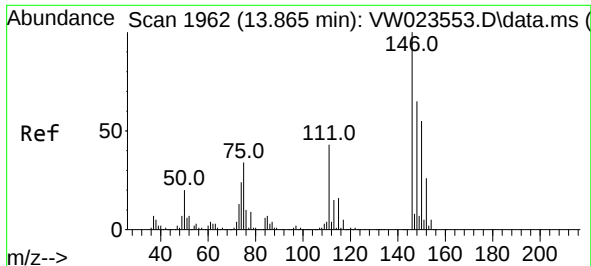
Ion Ratio Lower Upper

146 100

111 35.8 28.2 52.4

148 58.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.084 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

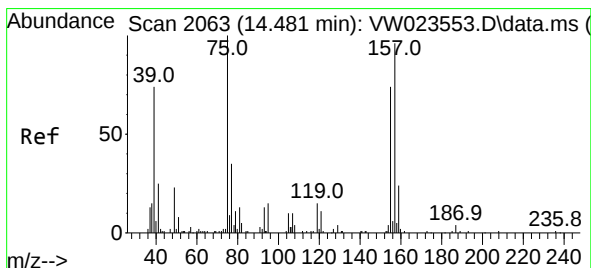
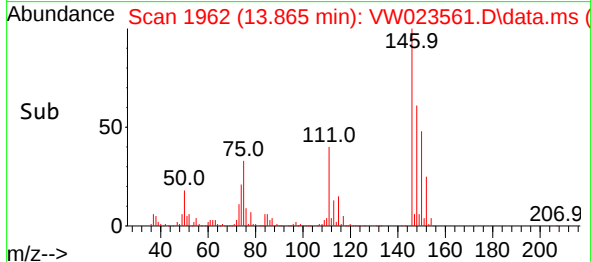
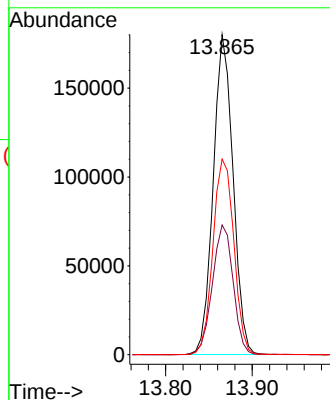
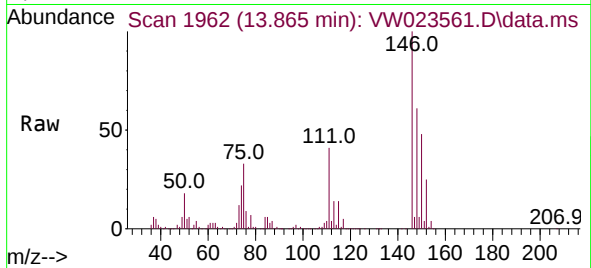
Tgt Ion:146 Resp: 286274

Ion Ratio Lower Upper

146 100

111 40.5 30.6 45.8

148 61.1 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.769 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023561.D

Acq: 05 Jul 2022 09:08

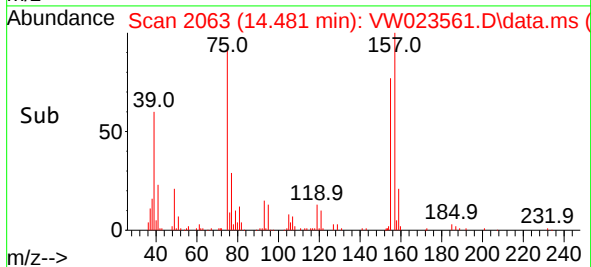
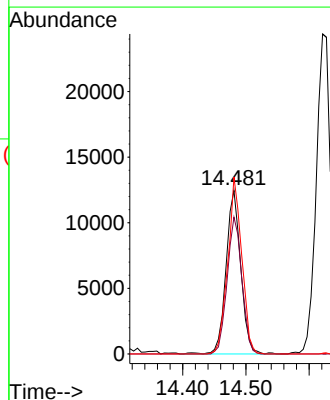
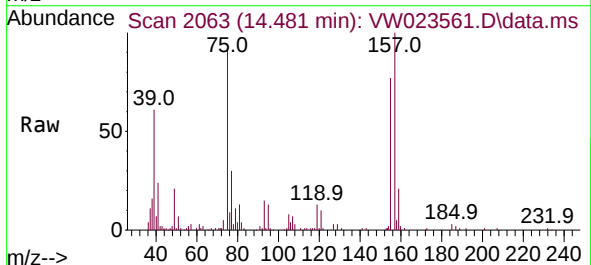
Tgt Ion: 75 Resp: 20035

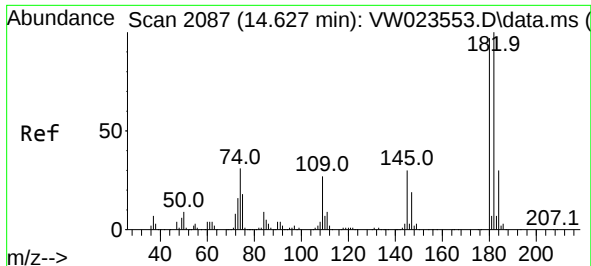
Ion Ratio Lower Upper

75 100

155 83.6 63.8 95.6

157 108.1 85.0 127.4

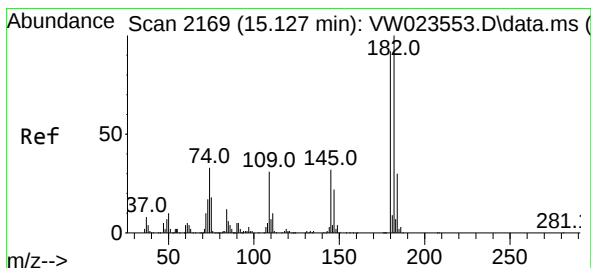
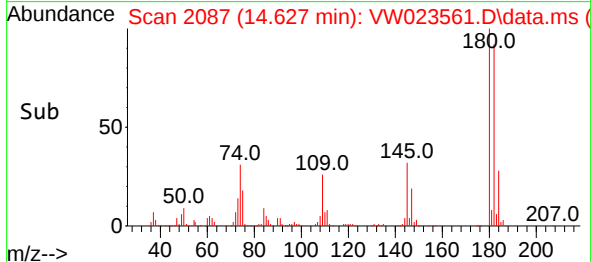
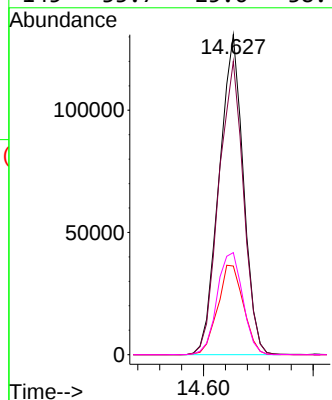
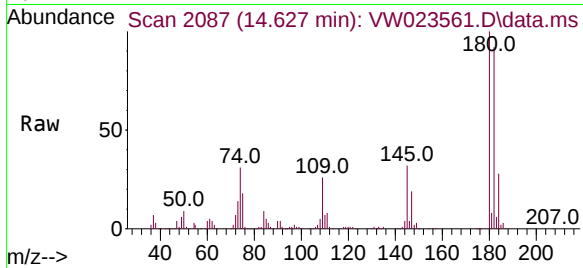




#69
 1,3,5-Trichlorobenzene
 Concen: 24.891 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW023561.D
 Acq: 05 Jul 2022 09:08

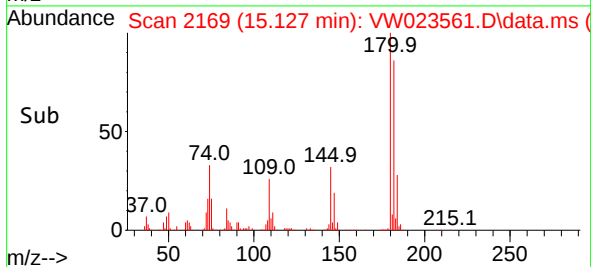
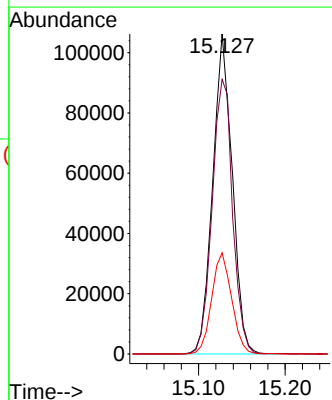
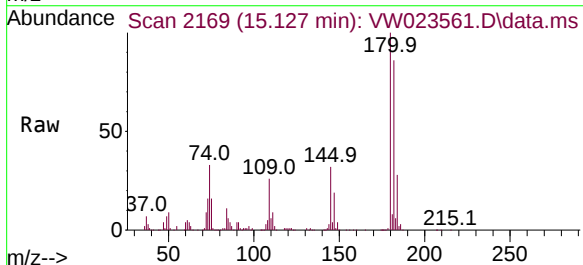
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

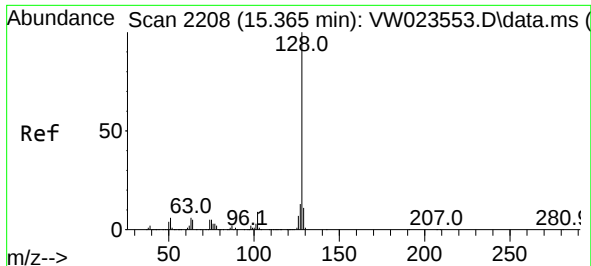
Tgt Ion:	180	Resp:	201264
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.5	113.3
184	29.6	24.6	36.8
145	33.7	25.6	38.4



#70
 1,2,4-trichlorobenzene
 Concen: 25.518 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW023561.D
 Acq: 05 Jul 2022 09:08

Tgt Ion:	180	Resp:	166515
Ion Ratio	Lower	Upper	
180	100		
182	89.7	77.0	115.4
145	32.2	26.1	39.1

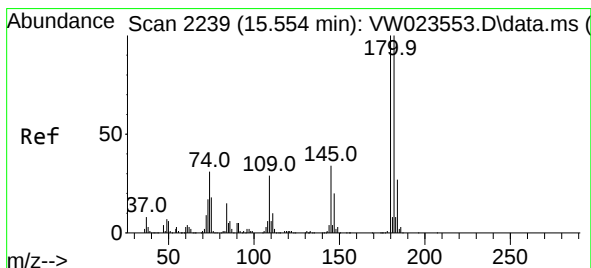
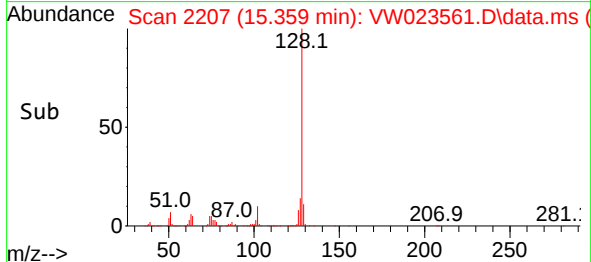
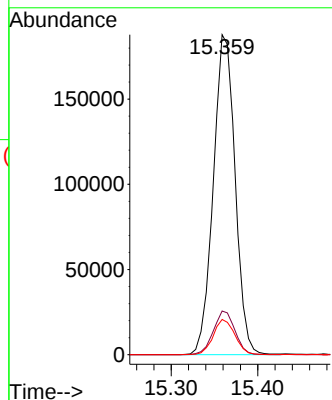
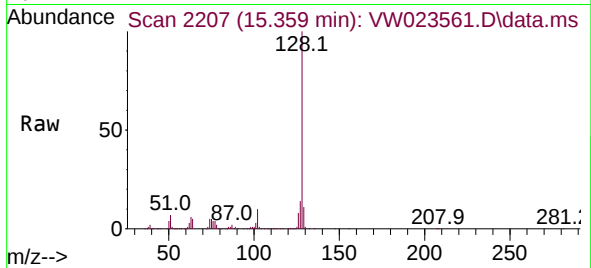




#71
Naphthalene
Concen: 24.283 ug/L
RT: 15.359 min Scan# 2208
Delta R.T. -0.006 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion:128 Resp: 328758
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.533 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW023561.D
Acq: 05 Jul 2022 09:08

Tgt Ion:180 Resp: 140154
Ion Ratio Lower Upper
180 100
182 99.9 75.6 113.4
145 36.3 28.2 42.2

