

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
 Data File : VW022786.D
 Acq On : 03 May 2022 20:51
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296726	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162748	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142795	23.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.840%
7) Chloroethane-d5	2.885	69	108556	27.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.640%
11) 1,1-Dichloroethene-d2	4.019	63	173890	22.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.440%
21) 2-Butanone-d5	7.080	46	55460	47.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.820%
24) Chloroform-d	7.647	84	221185	25.443	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.760%
26) 1,2-Dichloroethane-d4	8.305	65	119179	24.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.275	84	426894	25.277	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.120%
36) 1,2-Dichloropropane-d6	9.275	67	122405	25.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.200%
41) Toluene-d8	10.323	98	399474	24.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	10.579	79	51285	23.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.920%
47) 2-Hexanone-d5	10.921	63	46836	51.716	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	112892	25.531	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	141557	24.882	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	43695	27.013	ug/L	96
3) Chloromethane	2.215	50	74054	23.692	ug/L	98
5) Vinyl chloride	2.361	62	142869	22.775	ug/L	96
6) Bromomethane	2.776	94	95982	23.831	ug/L	92
8) Chloroethane	2.922	64	79021	26.117	ug/L	100
9) Trichlorofluoromethane	3.257	101	53126	18.529	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	95431	22.260	ug/L	98
12) 1,1-Dichloroethene	4.038	96	85066	22.383	ug/L	84
13) Acetone	4.123	43	30368	35.043	ug/L	100
14) Carbon disulfide	4.385	76	210266	20.181	ug/L	97
15) Methyl Acetate	4.672	43	37555	21.571	ug/L	100
16) Methylene chloride	4.916	84	102274	23.555	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	93595	21.885	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	150202	23.006	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	170940	23.583	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	109772	23.897	ug/L #	97
22) 2-Butanone	7.177	43	49880	41.158	ug/L	98
23) Bromochloromethane	7.513	128	49575	23.044	ug/L	96
25) Chloroform	7.677	83	198979	24.826	ug/L	96

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 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

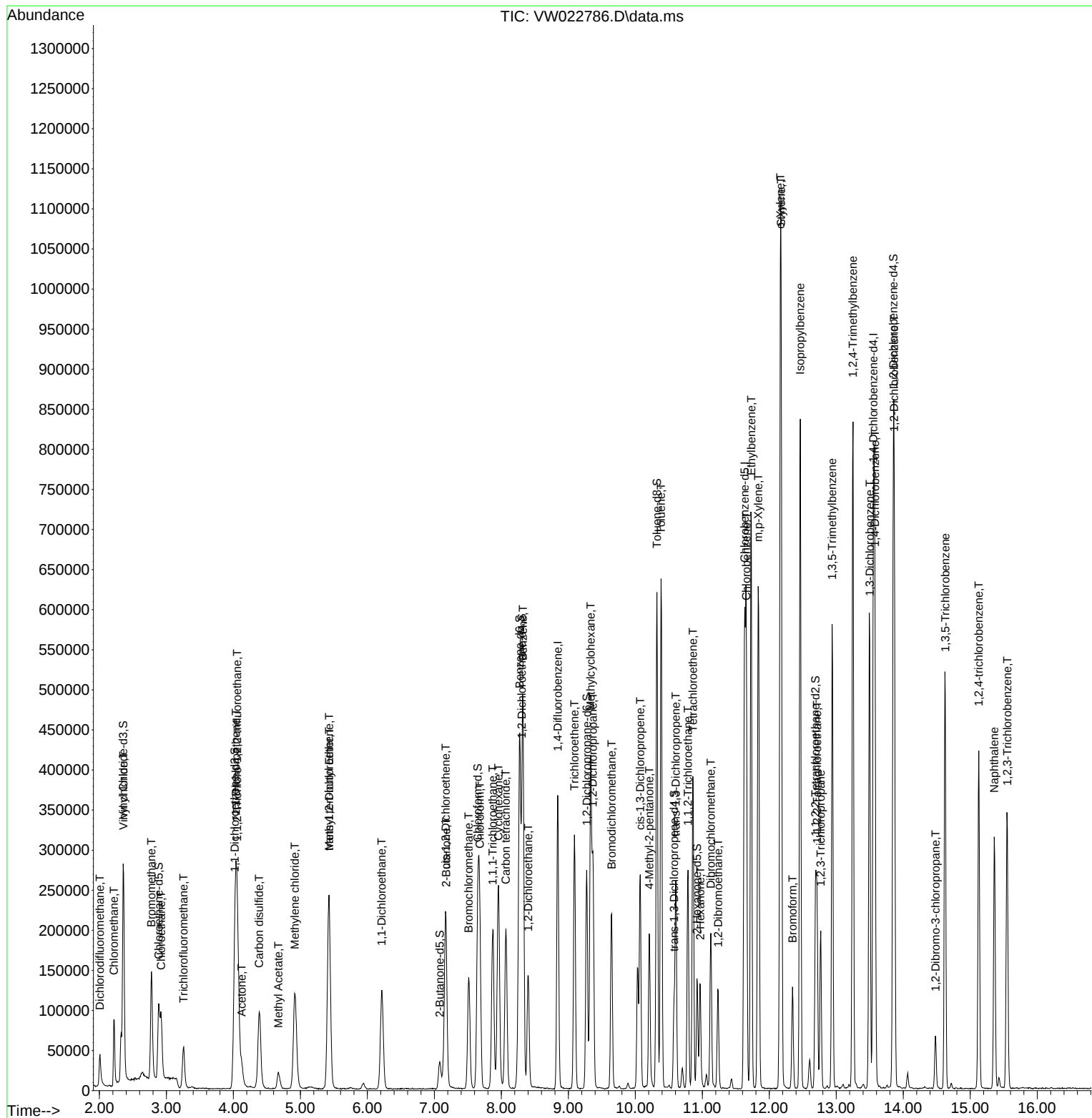
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	127519	23.868	ug/L	98
29) Cyclohexane	7.958	56	135279	21.348	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	159303	23.007	ug/L	99
31) Carbon tetrachloride	8.067	117	145209	22.419	ug/L	98
33) Benzene	8.323	78	410647	23.790	ug/L	100
34) Trichloroethene	9.092	95	107395	22.624	ug/L	99
35) Methylcyclohexane	9.336	83	170128	21.816	ug/L	98
37) 1,2-Dichloropropane	9.366	63	98566	23.597	ug/L	99
38) Bromodichloromethane	9.646	83	142006	23.935	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	151983	23.465	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	120025	45.588	ug/L	99
42) Toluene	10.384	91	457307	23.640	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	134209	23.215	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	82212	23.543	ug/L	98
46) Tetrachloroethene	10.860	164	79603	22.314	ug/L	90
48) 2-Hexanone	10.969	43	78502	44.625	ug/L	99
49) Dibromochloromethane	11.128	129	96089	22.864	ug/L	100
50) 1,2-Dibromoethane	11.238	107	79250	22.602	ug/L	96
51) Chlorobenzene	11.658	112	298629	23.416	ug/L	100
52) Ethylbenzene	11.731	91	505235	23.476	ug/L	98
53) m,p-Xylene	11.835	106	202235	23.849	ug/L	96
54) o-Xylene	12.164	106	194457	23.897	ug/L	96
55) Styrene	12.176	104	346170	25.035	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	104612	23.985	ug/L	95
59) Bromoform	12.347	173	51649	22.393	ug/L	99
60) Isopropylbenzene	12.463	105	538440	24.150	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	73576	22.626	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	297696	24.000	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	448332	24.072	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	231629	23.269	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	232572	22.619	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	222362	24.411	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	16055	22.591	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	143448	21.709	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	115040	21.643	ug/L	95
71) Naphthalene	15.359	128	265012	22.940	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	102913	21.846	ug/L	94

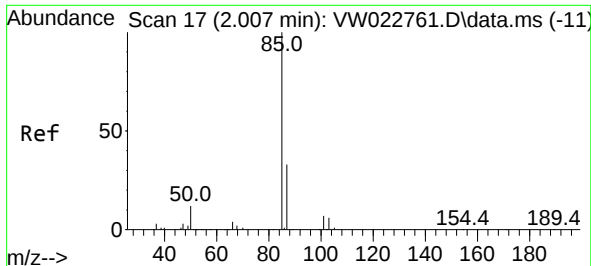
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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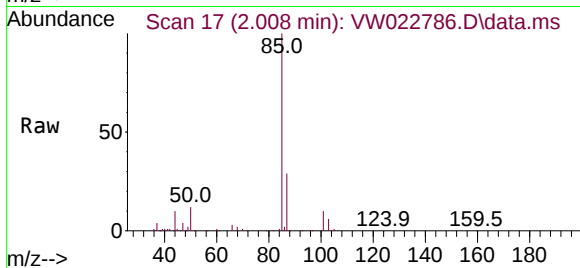
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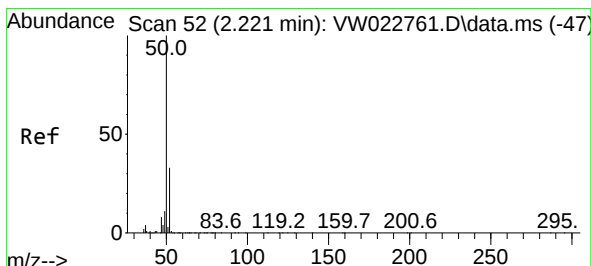
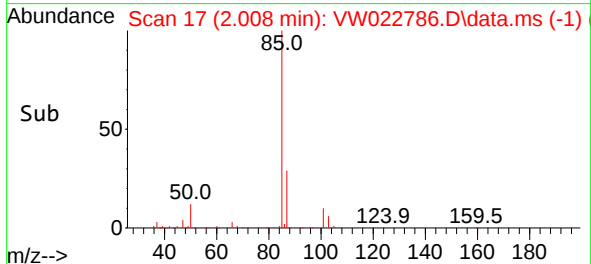
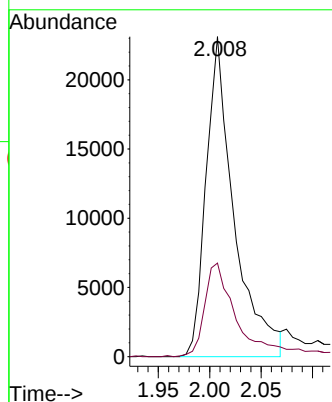


#2
 Dichlorodifluoromethane
 Concen: 27.013 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51

Instrument :
 MSVOA_W
 ClientSampleId :

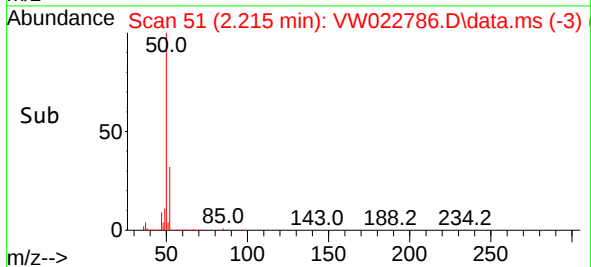
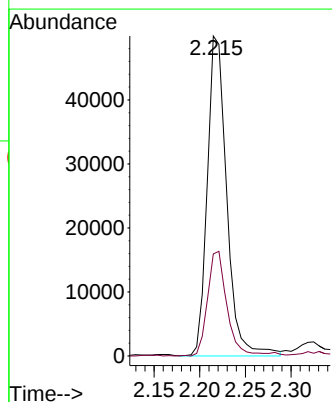
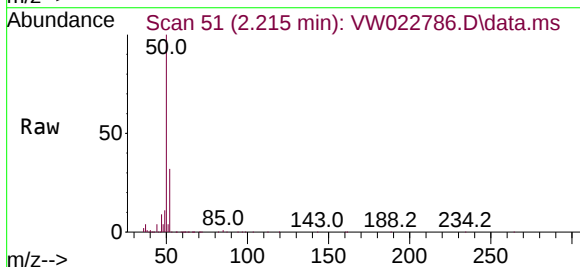


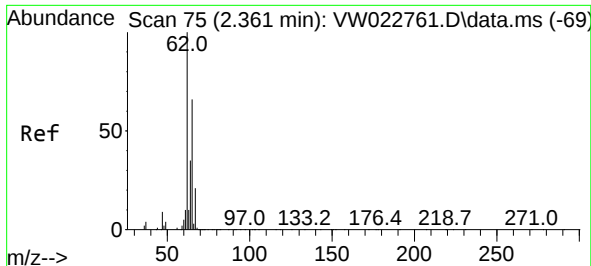
Tgt Ion: 85 Resp: 43695
 Ion Ratio Lower Upper
 85 100
 87 32.5 27.8 41.8



#3
 Chloromethane
 Concen: 23.692 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51

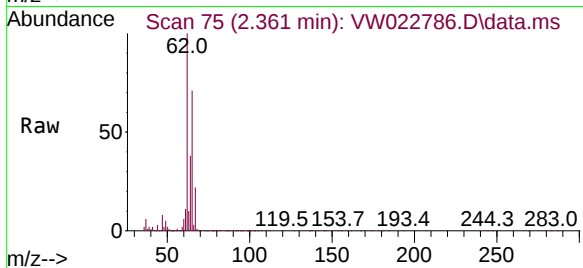
Tgt Ion: 50 Resp: 74054
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.1 42.9



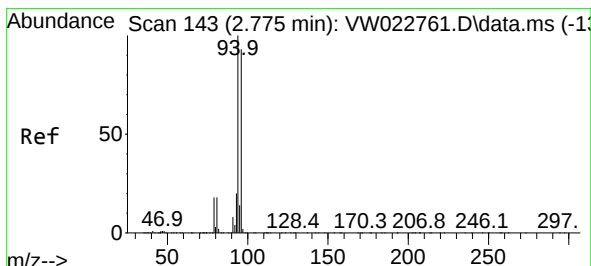
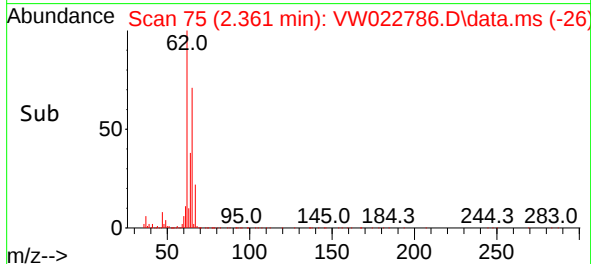
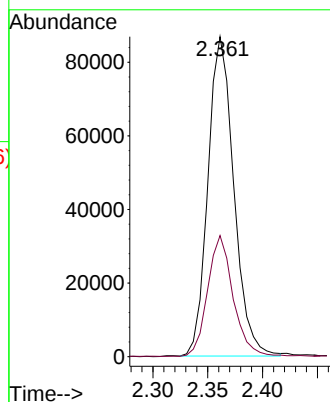


#5
 Vinyl chloride
 Concen: 22.775 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51

Instrument :
 MSVOA_W
 ClientSampleId :

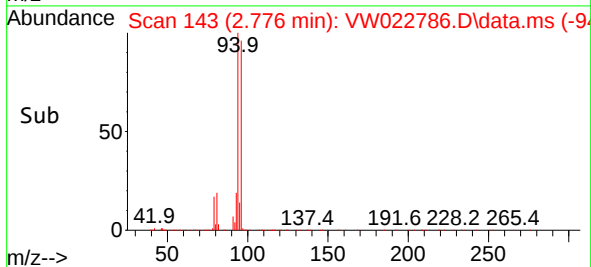
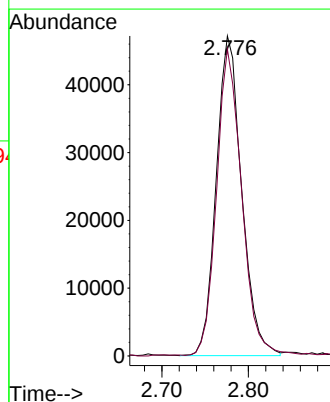
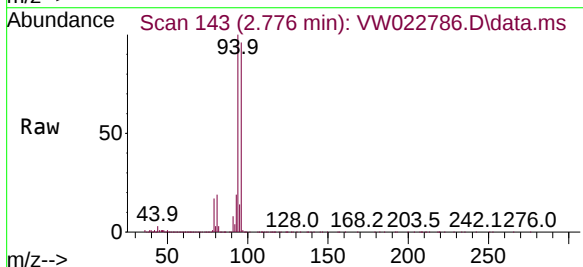


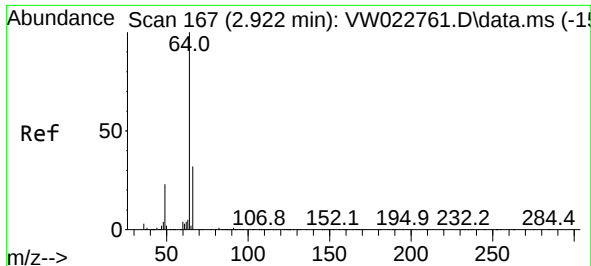
Tgt Ion: 62 Resp: 142869
 Ion Ratio Lower Upper
 62 100
 64 37.8 24.9 46.3



#6
 Bromomethane
 Concen: 23.831 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51

Tgt Ion: 94 Resp: 95982
 Ion Ratio Lower Upper
 94 100
 96 95.8 61.7 114.5

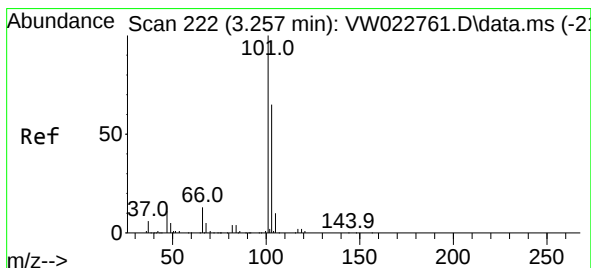
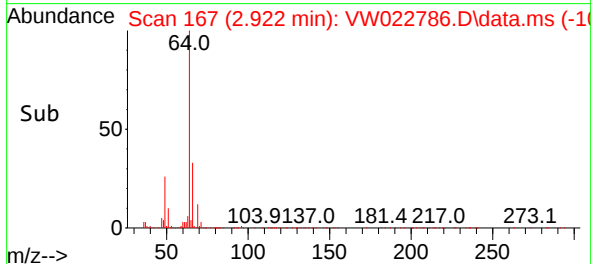
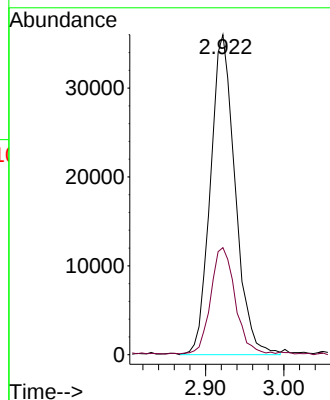
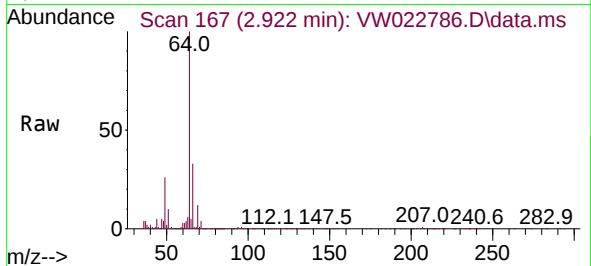




#8
Chloroethane
Concen: 26.117 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

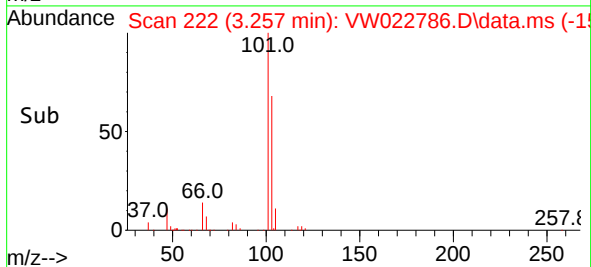
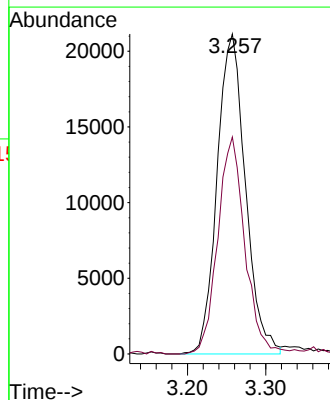
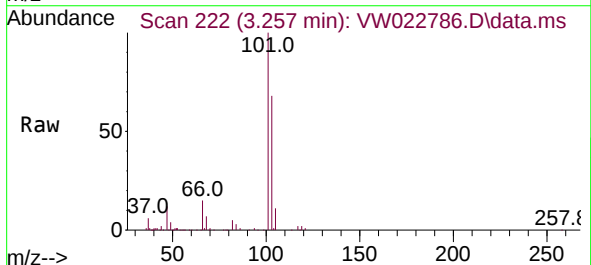
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MSVOA_W
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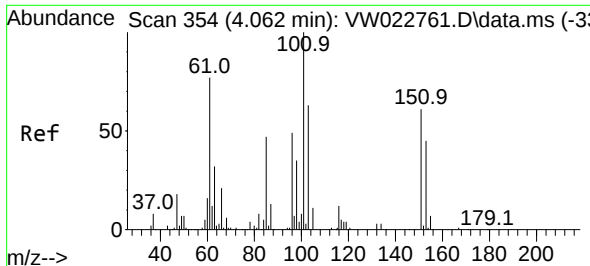
Tgt Ion: 64 Resp: 79021
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.529 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion: 101 Resp: 53126
Ion Ratio Lower Upper
101 100
103 64.1 53.9 80.9

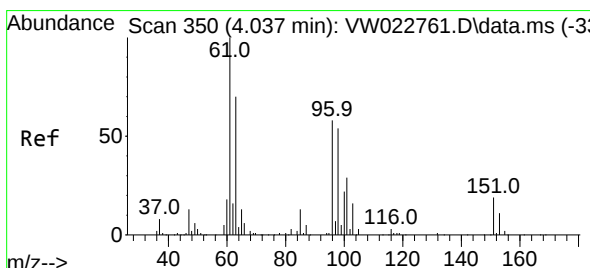
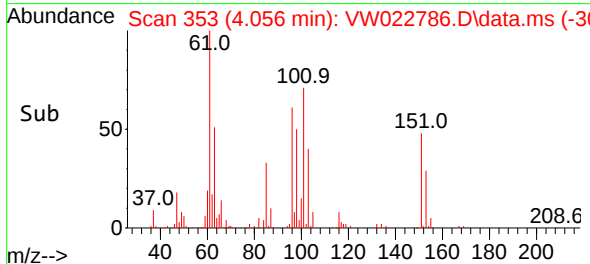
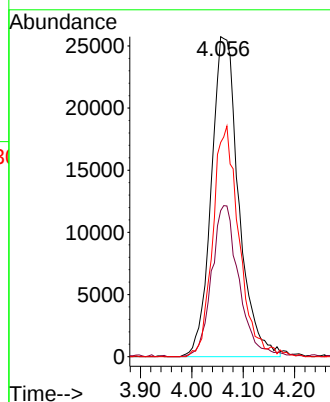
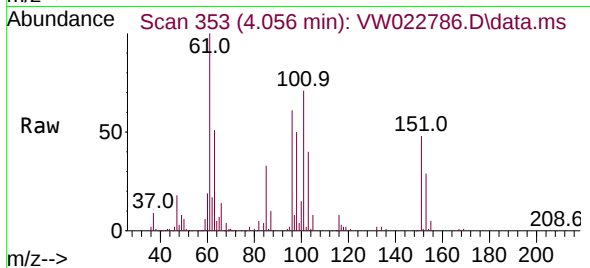




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.260 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51

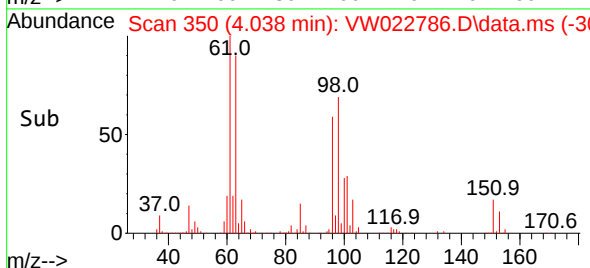
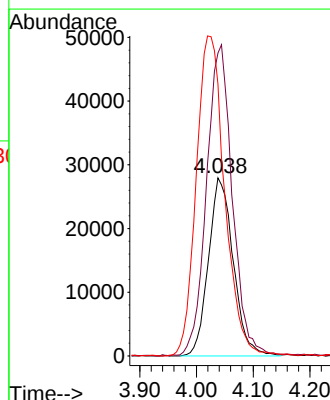
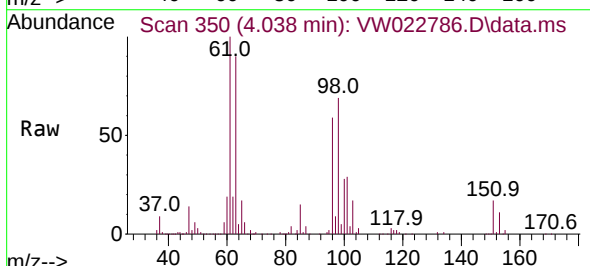
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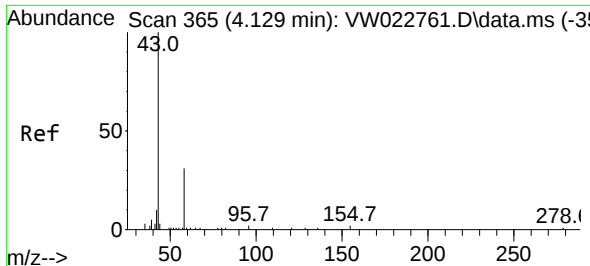
Tgt Ion:101 Resp: 95431
 Ion Ratio Lower Upper
 101 100
 85 45.9 34.3 51.5
 151 66.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.383 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51

Tgt Ion: 96 Resp: 85066
 Ion Ratio Lower Upper
 96 100
 61 170.1 125.7 233.5
 63 152.7 83.4 155.0

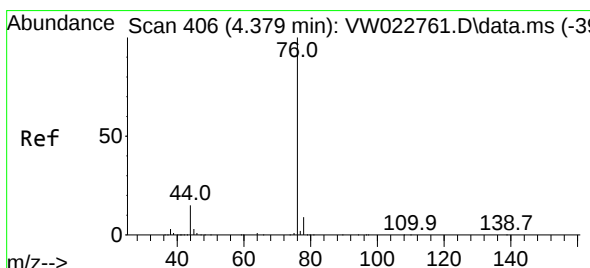
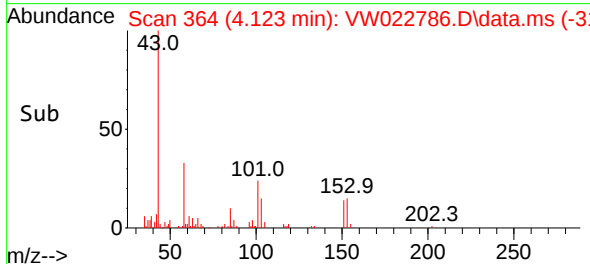
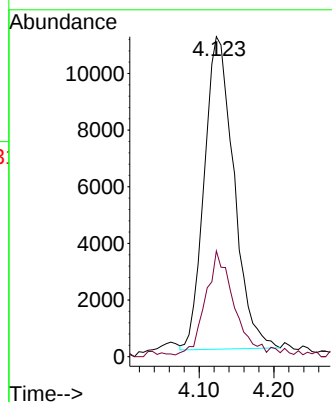
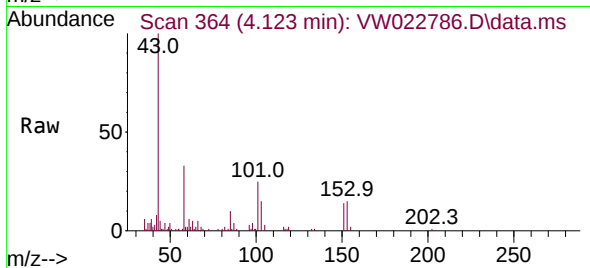




#13
Acetone
Concen: 35.043 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

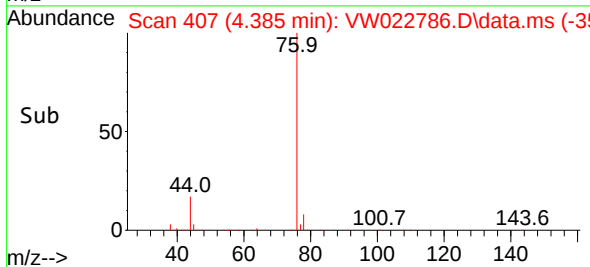
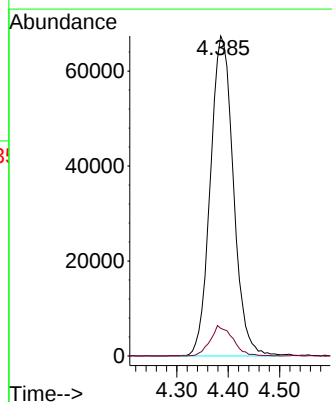
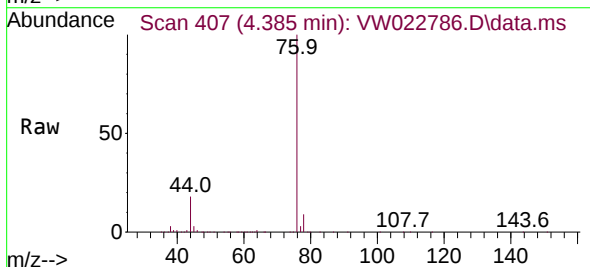
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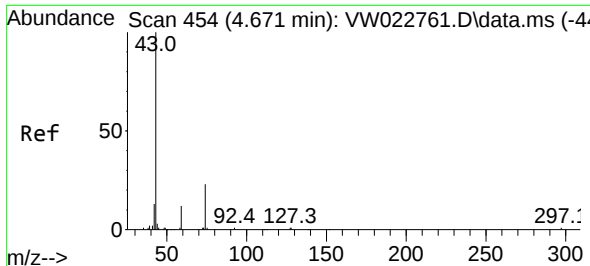
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Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.0



#14
Carbon disulfide
Concen: 20.181 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 210266
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5

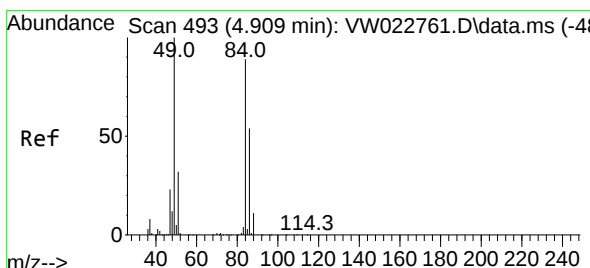
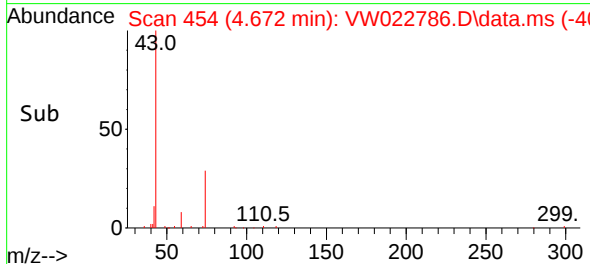
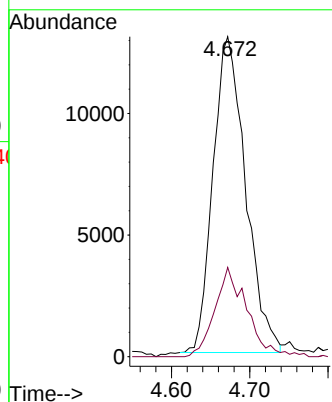
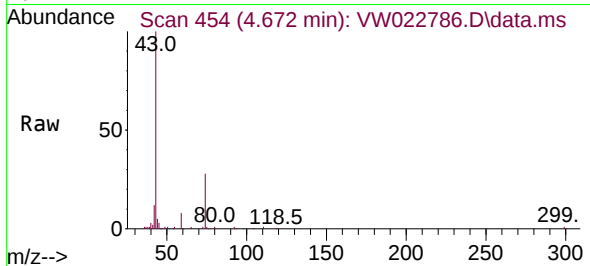




#15
Methyl Acetate
Concen: 21.571 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

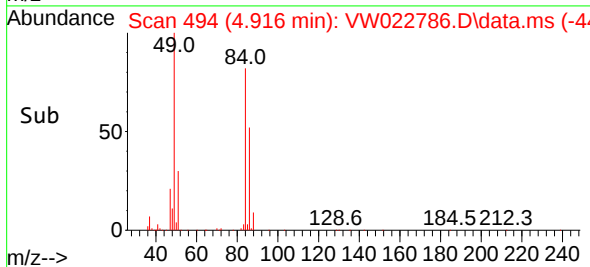
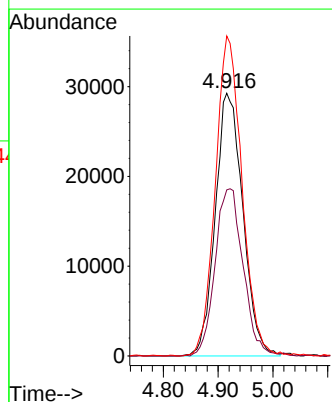
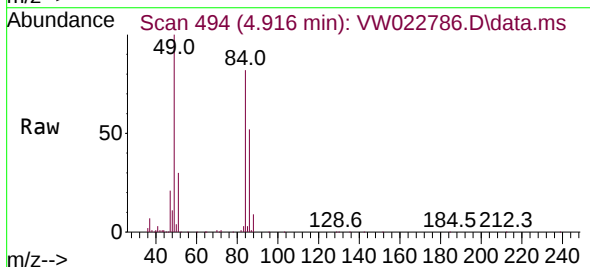
Instrument :
MSVOA_W
ClientSampleId :

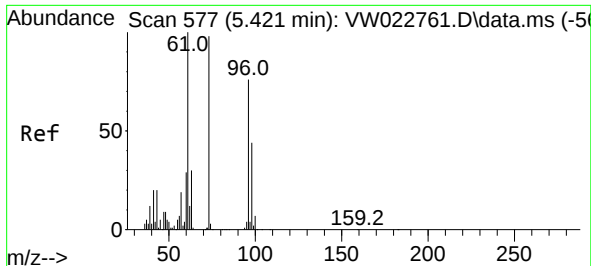
Tgt Ion: 43 Resp: 37555
Ion Ratio Lower Upper
43 100
74 27.6 21.9 32.9



#16
Methylene chloride
Concen: 23.555 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

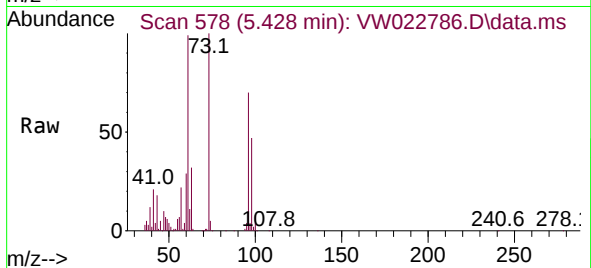
Tgt Ion: 84 Resp: 102274
Ion Ratio Lower Upper
84 100
86 63.2 45.4 84.4
49 121.8 82.5 153.1



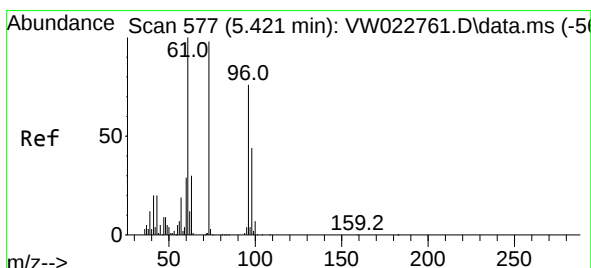
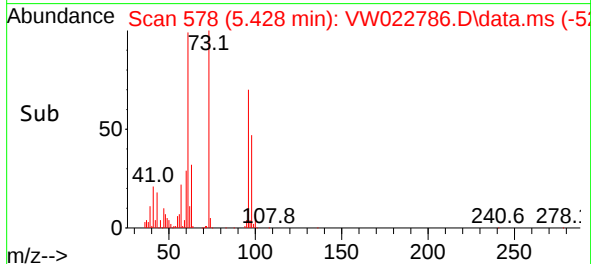
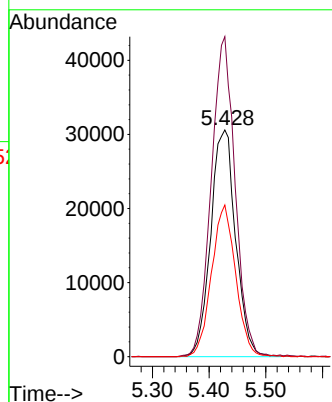


#17
trans-1,2-Dichloroethene
Concen: 21.885 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Instrument :
MSVOA_W
ClientSampleId :

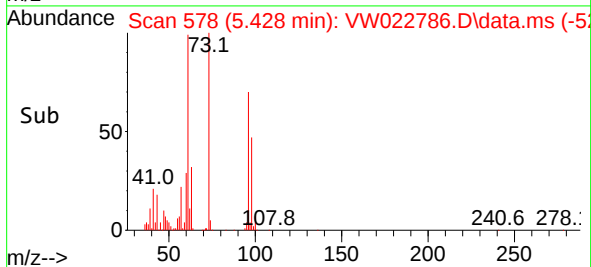
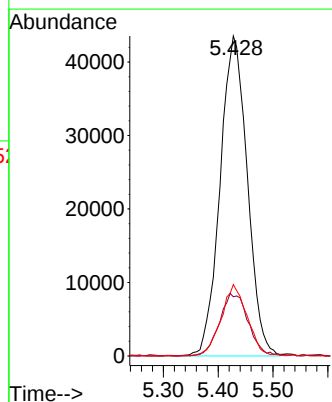
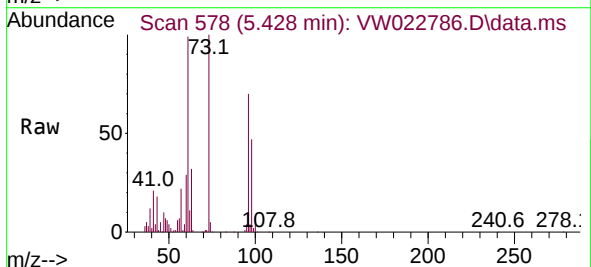


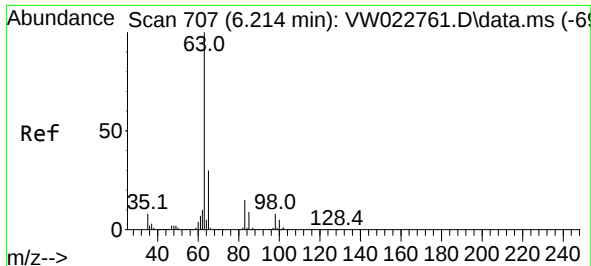
Tgt Ion: 96 Resp: 93595
Ion Ratio Lower Upper
96 100
61 141.2 92.2 171.2
98 66.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.006 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion: 73 Resp: 150202
Ion Ratio Lower Upper
73 100
43 10.9 15.9 23.9#
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.583 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

ClientSampleId :

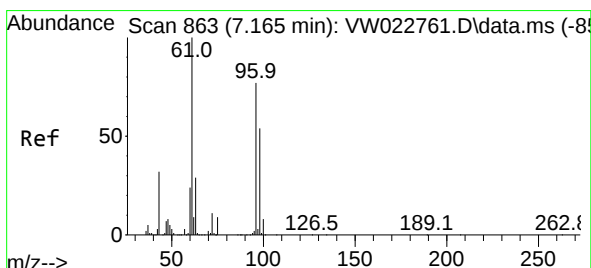
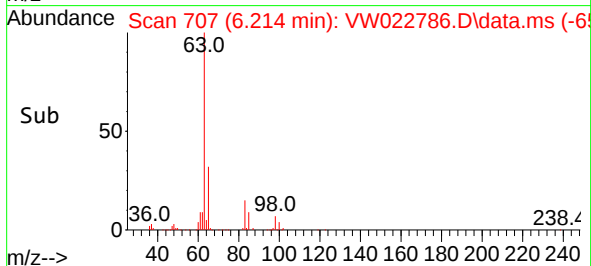
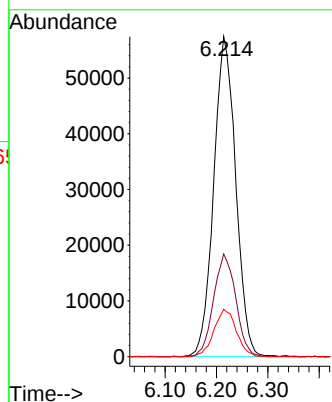
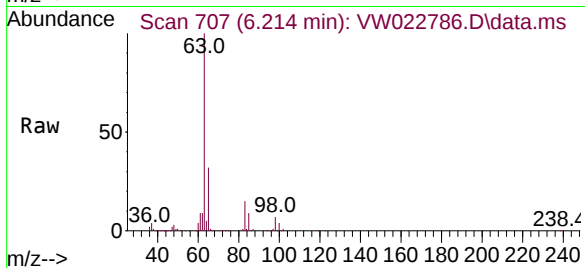
Tgt Ion: 63 Resp: 170940

Ion Ratio Lower Upper

63 100

65 32.1 23.3 43.3

83 14.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.897 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

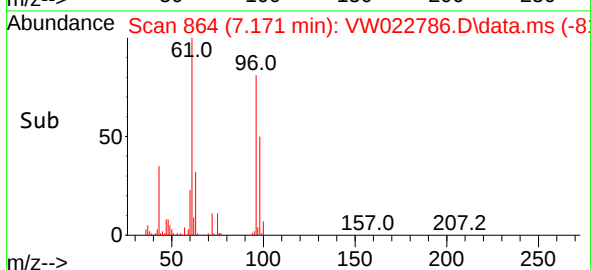
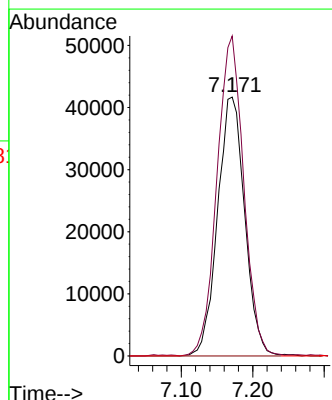
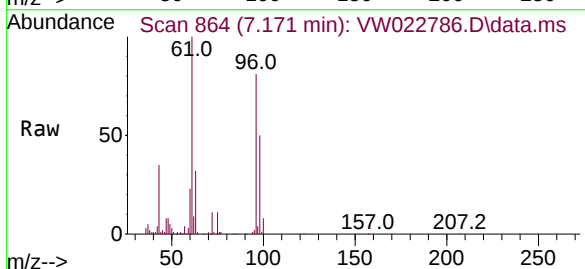
Tgt Ion: 96 Resp: 109772

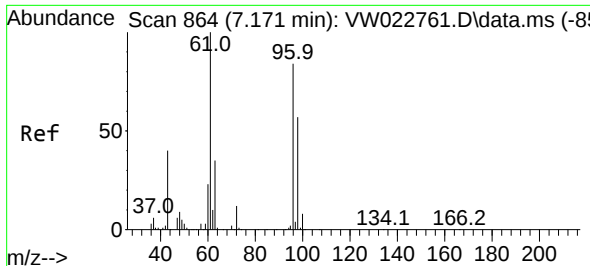
Ion Ratio Lower Upper

96 100

61 123.6 84.2 156.4

68 0.0 0.1 0.1#

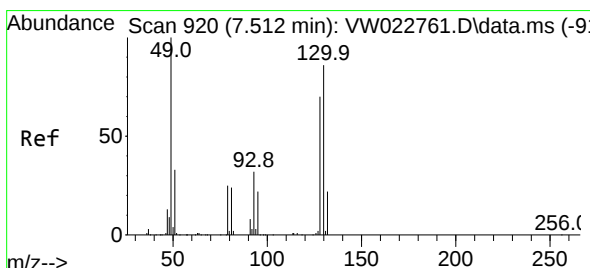
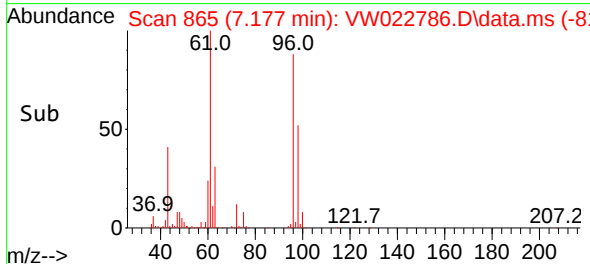
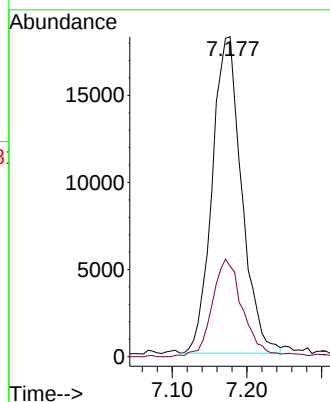
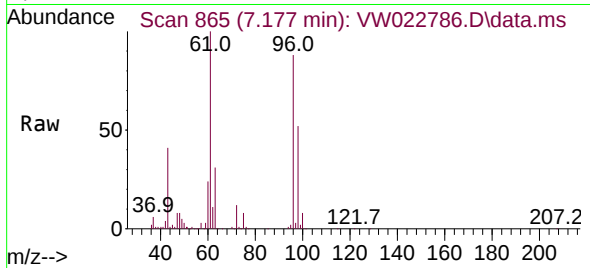




#22
2-Butanone
Concen: 41.158 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

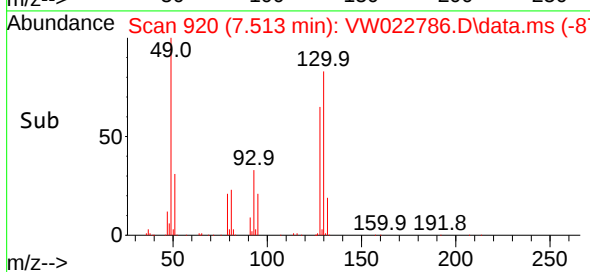
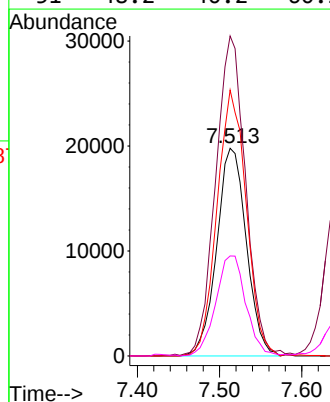
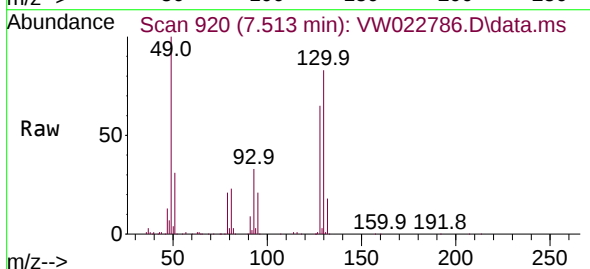
Instrument :
MSVOA_W
ClientSampleId :

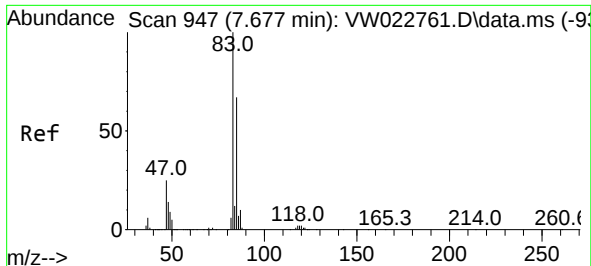
Tgt Ion: 43 Resp: 49880
Ion Ratio Lower Upper
43 100
72 31.4 15.1 45.3



#23
Bromochloromethane
Concen: 23.044 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion: 128 Resp: 49575
Ion Ratio Lower Upper
128 100
49 154.1 110.0 204.4
130 128.1 94.8 176.0
51 48.2 40.2 60.2





#25

Chloroform

Concen: 24.826 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

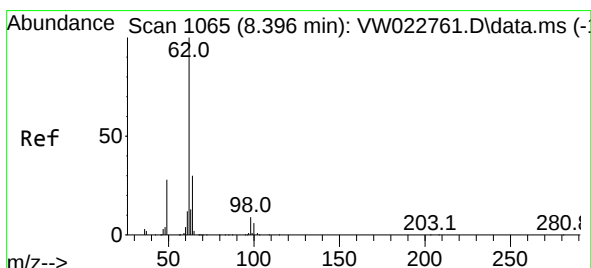
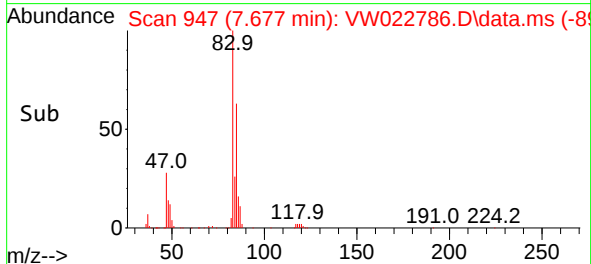
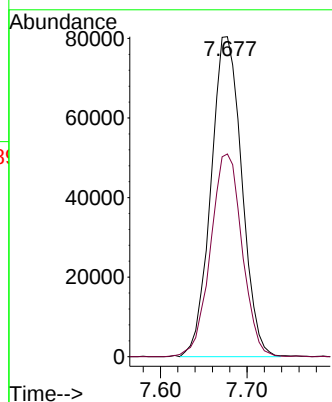
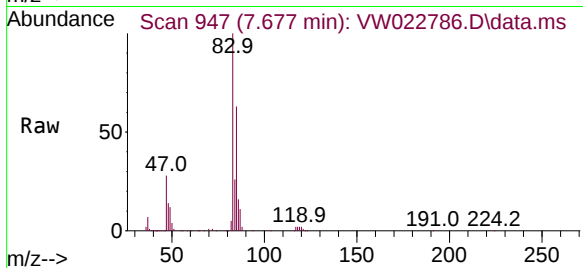
ClientSampleId :

Tgt Ion: 83 Resp: 198979

Ion Ratio Lower Upper

83 100

85 63.3 46.6 86.6



#27

1,2-Dichloroethane

Concen: 23.868 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022786.D

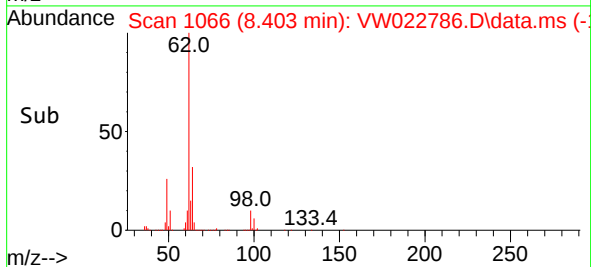
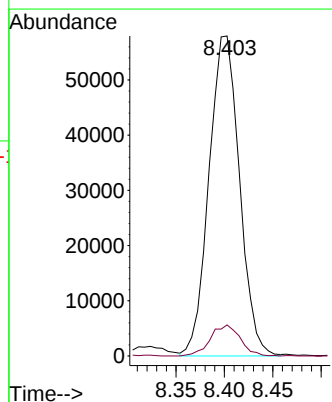
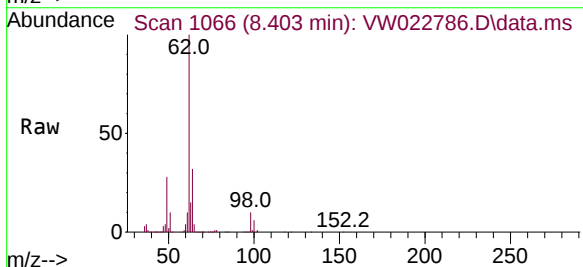
Acq: 03 May 2022 20:51

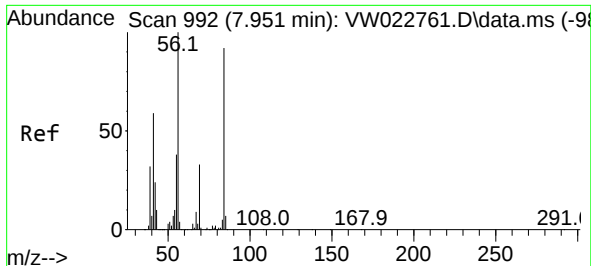
Tgt Ion: 62 Resp: 127519

Ion Ratio Lower Upper

62 100

98 9.7 7.2 10.8





#29

Cyclohexane

Concen: 21.348 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

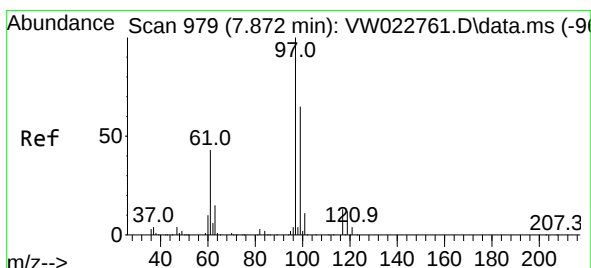
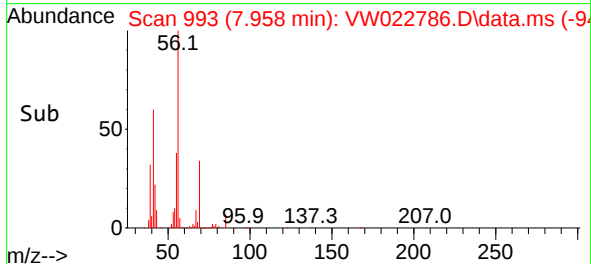
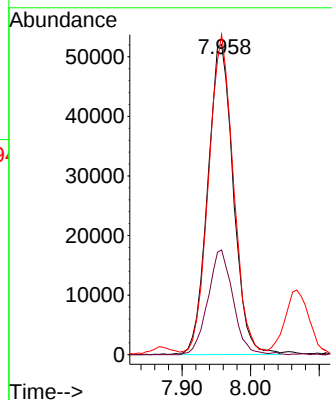
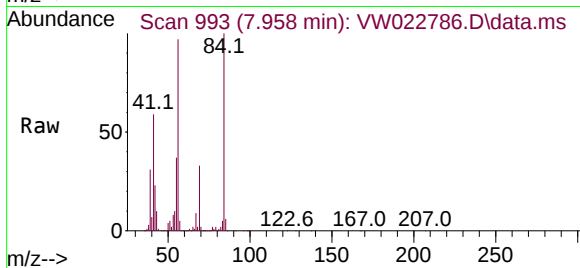
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 135279

Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.6	38.4
84	100.0	78.2	117.4



#30

1,1,1-Trichloroethane

Concen: 23.007 ug/L

RT: 7.872 min Scan# 979

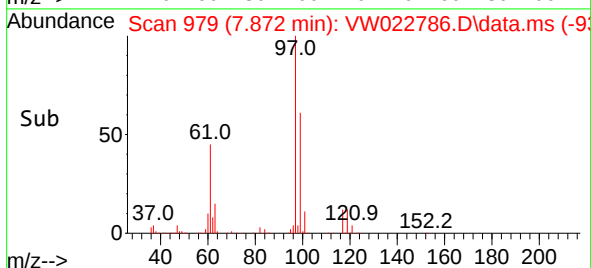
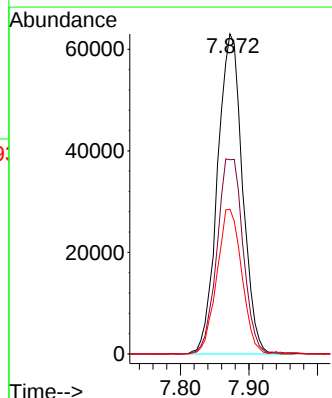
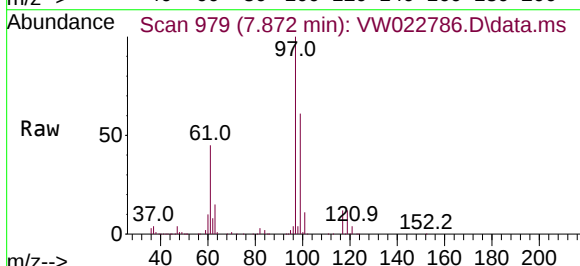
Delta R.T. 0.000 min

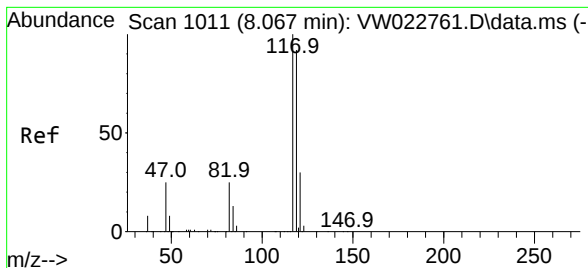
Lab File: VW022786.D

Acq: 03 May 2022 20:51

Tgt Ion: 97 Resp: 159303

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	45.2	34.8	52.2

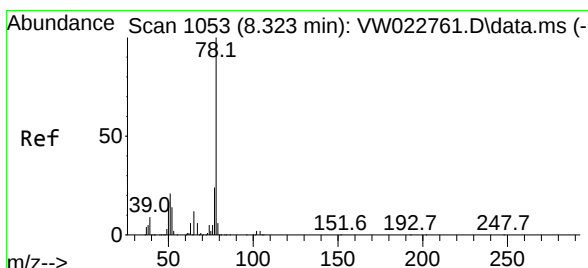
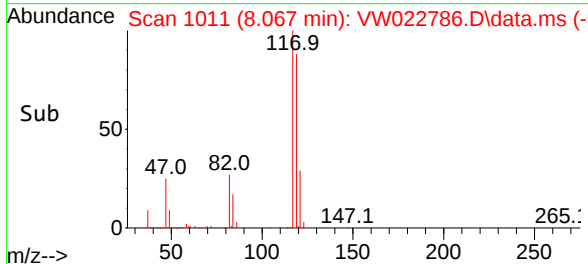
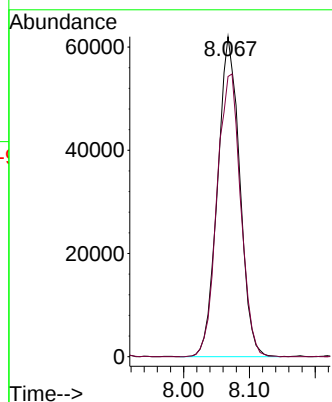
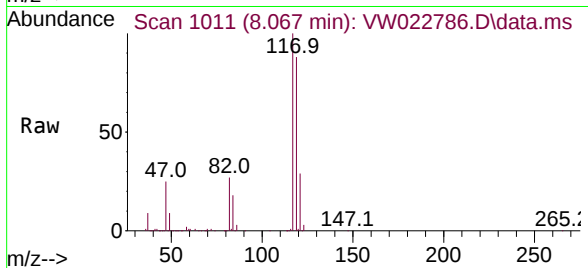




#31
Carbon tetrachloride
Concen: 22.419 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

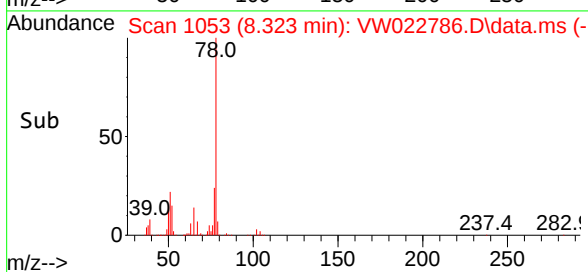
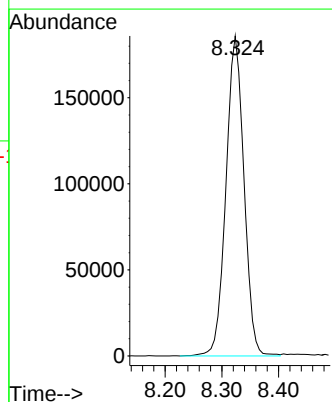
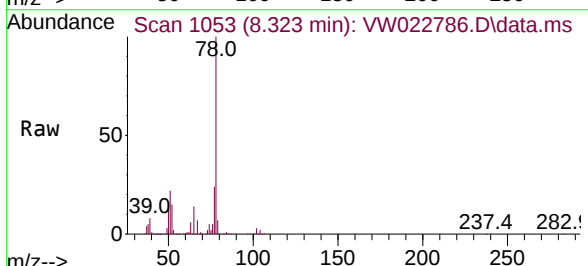
Instrument :
MSVOA_W
ClientSampleId :

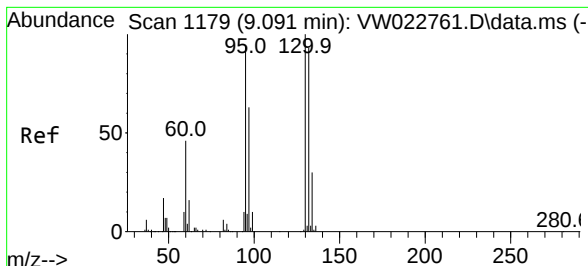
Tgt Ion:117 Resp: 145209
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0



#33
Benzene
Concen: 23.790 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion: 78 Resp: 410647





#34

Trichloroethene

Concen: 22.624 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

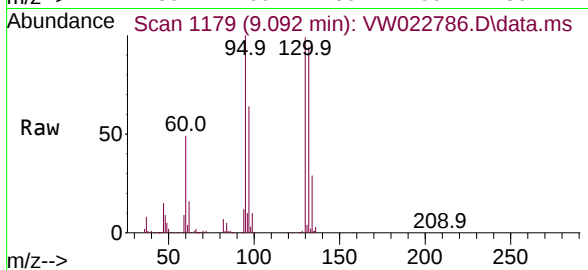
Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 107395

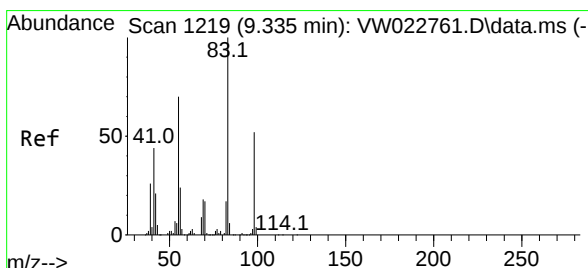
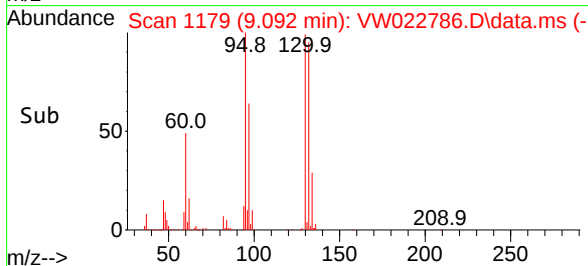
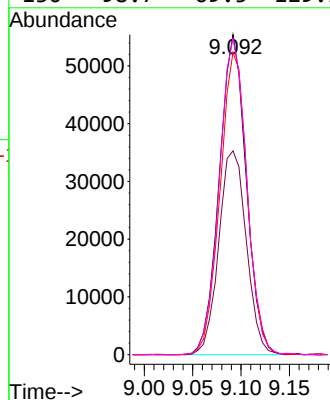
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.7

132 94.5 66.9 124.3

130 98.7 69.5 129.1



#35

Methylcyclohexane

Concen: 21.816 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

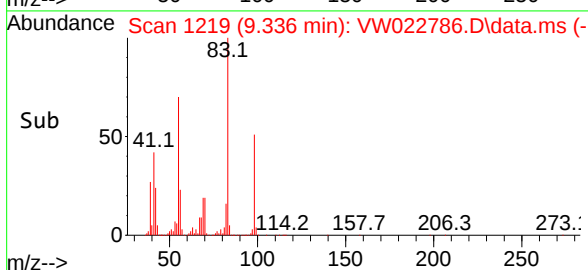
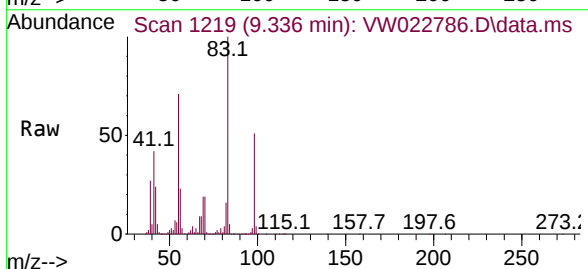
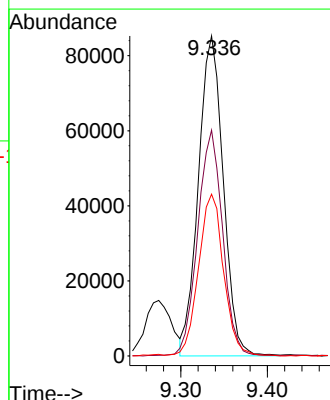
Tgt Ion: 83 Resp: 170128

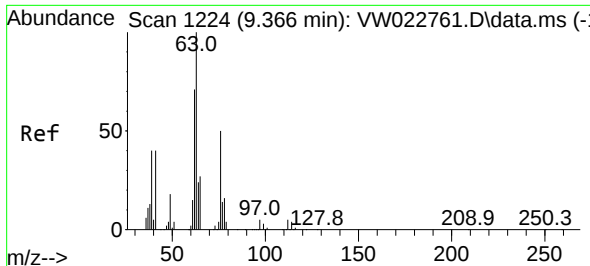
Ion Ratio Lower Upper

83 100

55 70.7 55.1 82.7

98 51.0 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.597 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

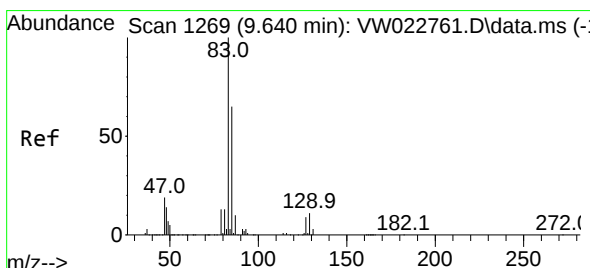
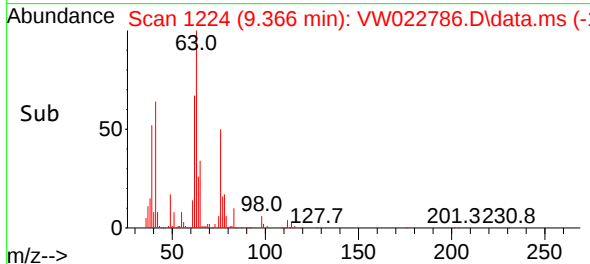
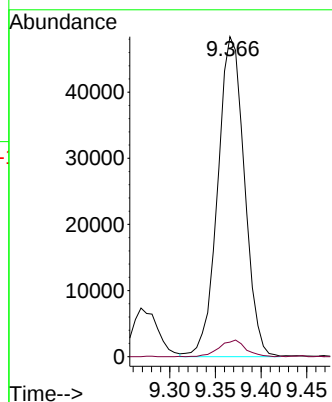
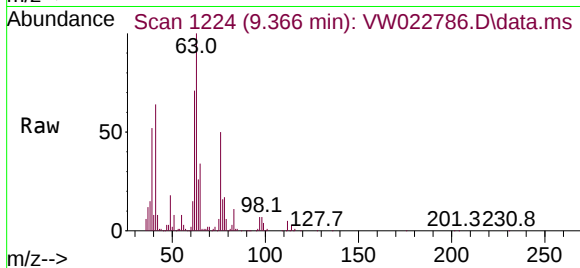
ClientSampleId :

Tgt Ion: 63 Resp: 98566

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 23.935 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

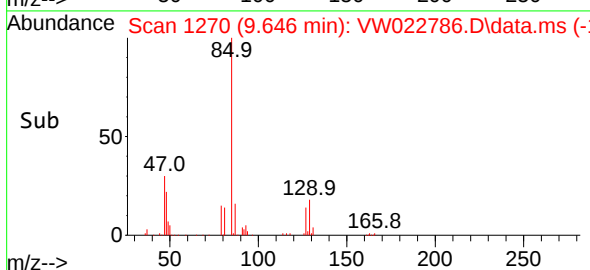
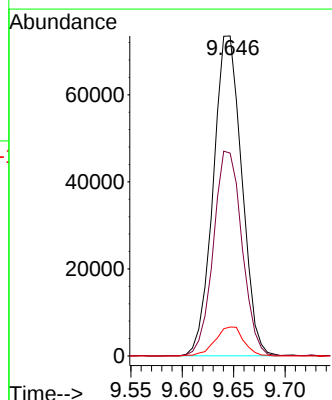
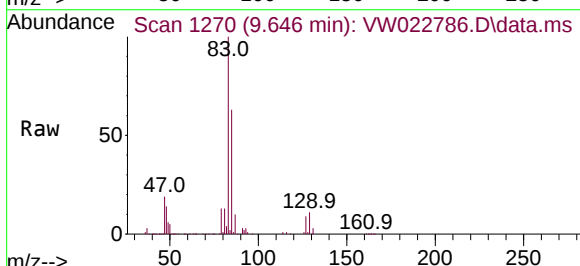
Tgt Ion: 83 Resp: 142006

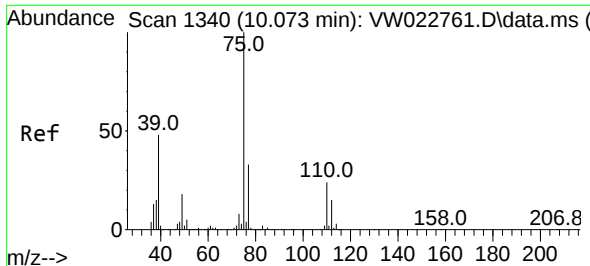
Ion Ratio Lower Upper

83 100

85 63.4 43.5 80.7

127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.465 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

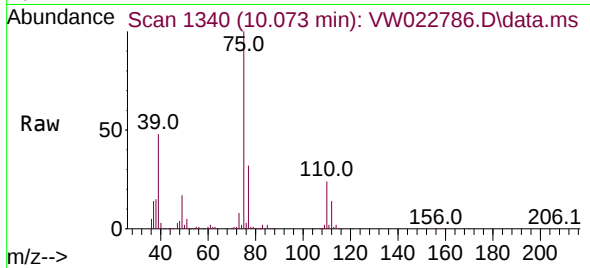
Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

ClientSampleId :

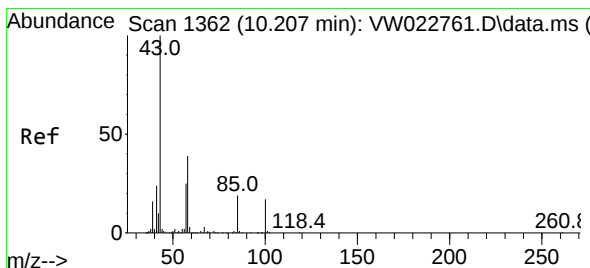
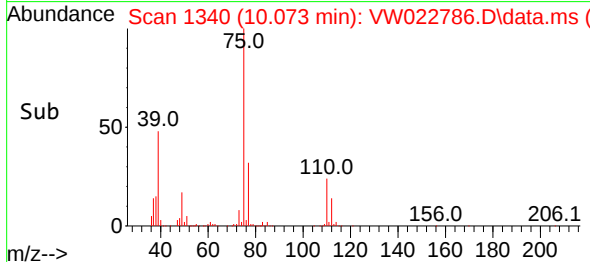
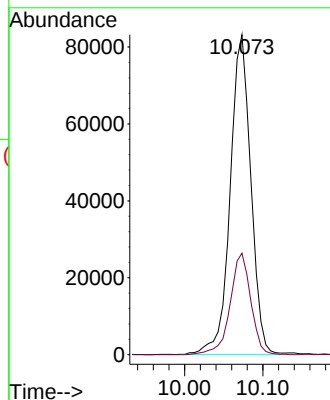


Tgt Ion: 75 Resp: 151983

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 45.588 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

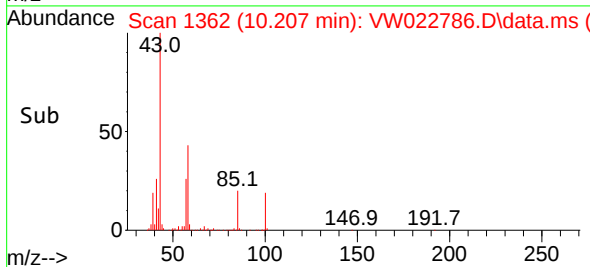
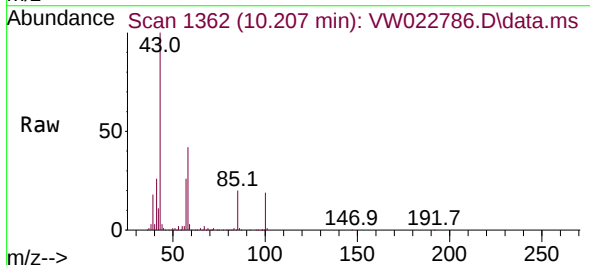
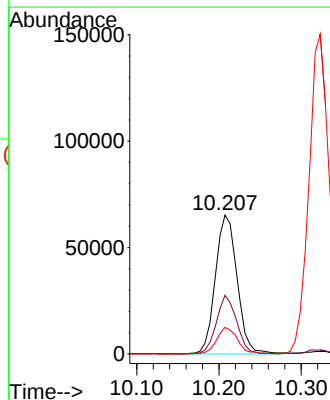
Tgt Ion: 43 Resp: 120025

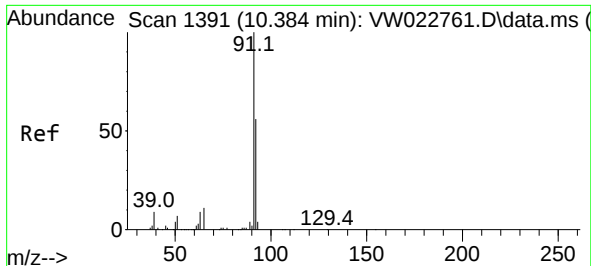
Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 18.2 14.2 21.4

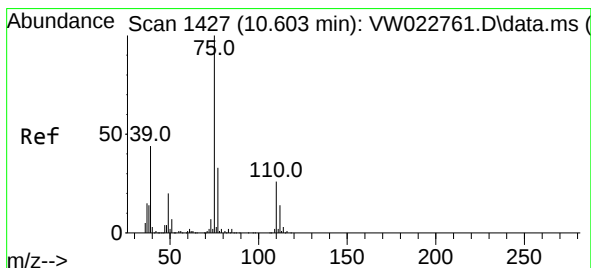
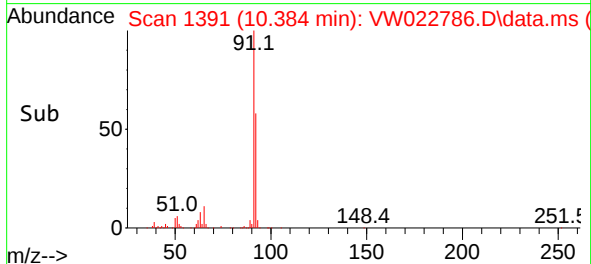
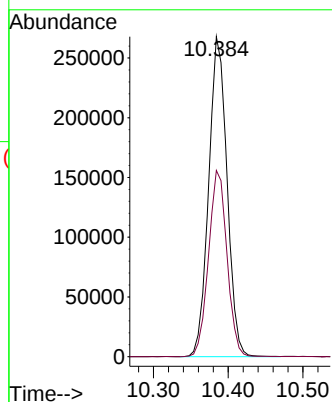
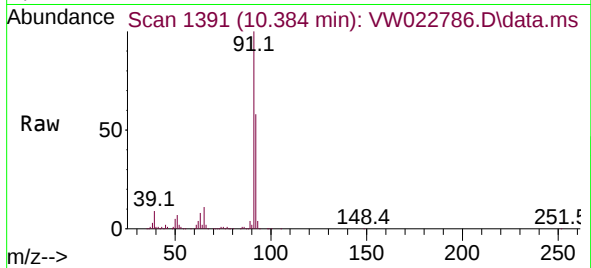




#42
Toluene
Concen: 23.640 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

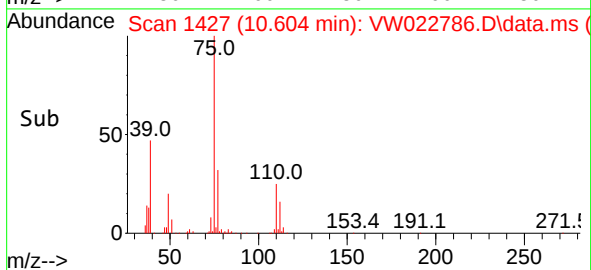
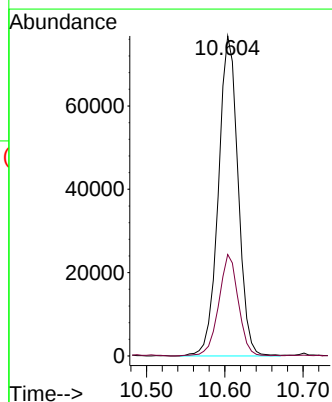
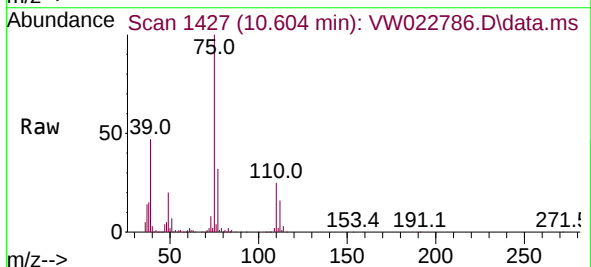
Instrument :
MSVOA_W
ClientSampleId :

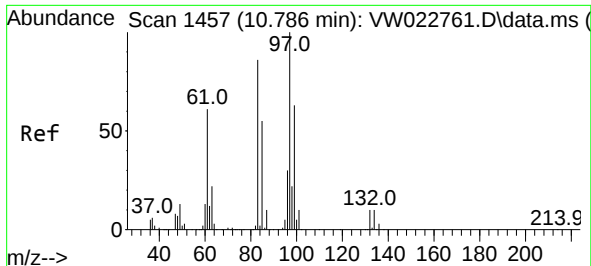
Tgt Ion: 91 Resp: 457307
Ion Ratio Lower Upper
91 100
92 58.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.215 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

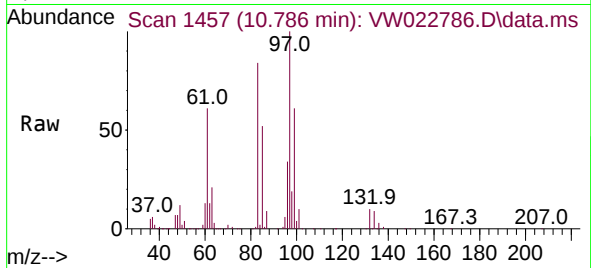
Tgt Ion: 75 Resp: 134209
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8



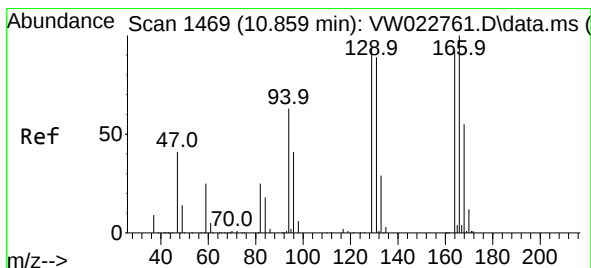
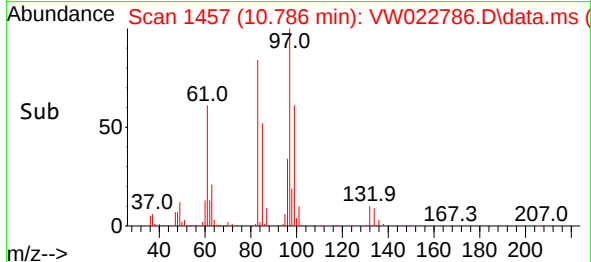
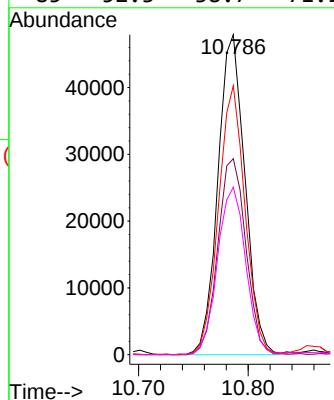


#45
1,1,2-Trichloroethane
Concen: 23.543 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Instrument :
MSVOA_W
ClientSampleId :

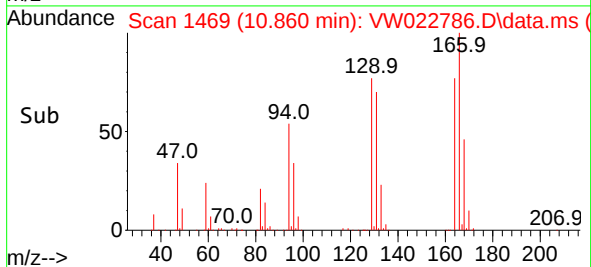
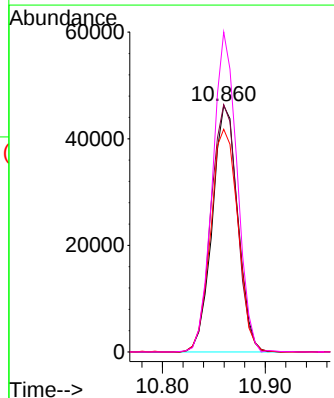
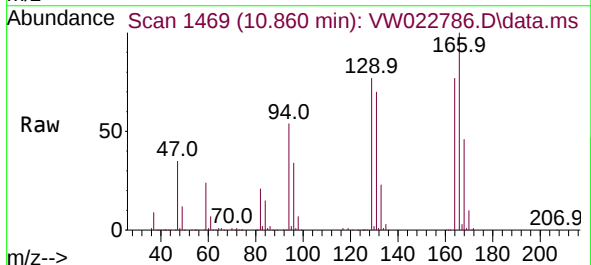


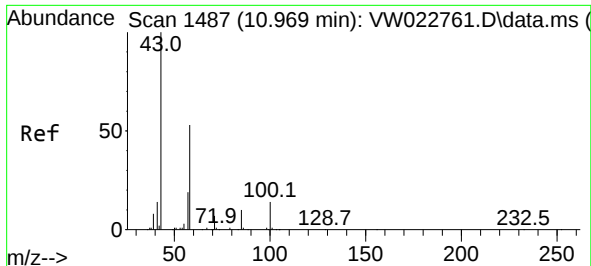
Tgt Ion:	97	Resp:	82212
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.7	82.9
83	84.0	58.4	108.4
85	52.3	38.7	71.9



#46
Tetrachloroethene
Concen: 22.314 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion:	164	Resp:	79603
Ion	Ratio	Lower	Upper
164	100		
129	100.4	76.9	142.7
131	90.4	75.1	139.5
166	129.9	96.0	178.2

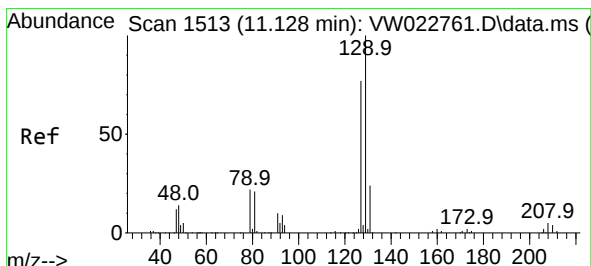
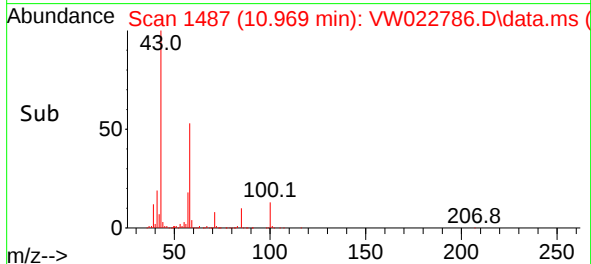
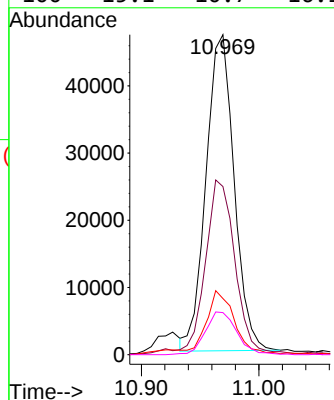
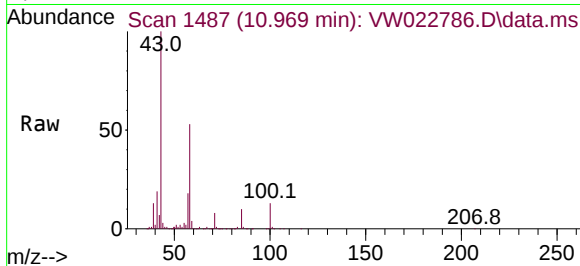




#48
2-Hexanone
Concen: 44.625 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

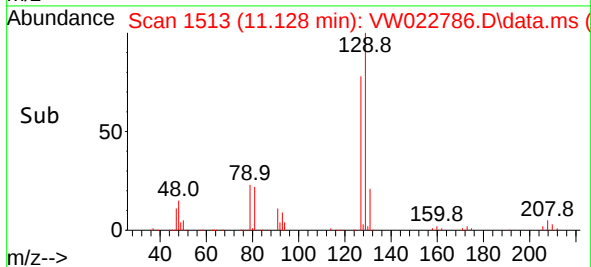
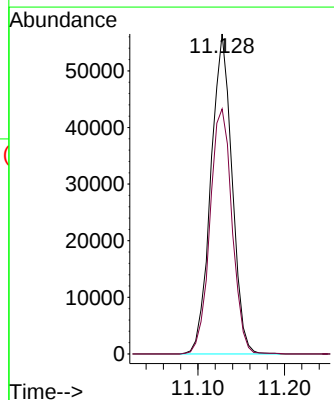
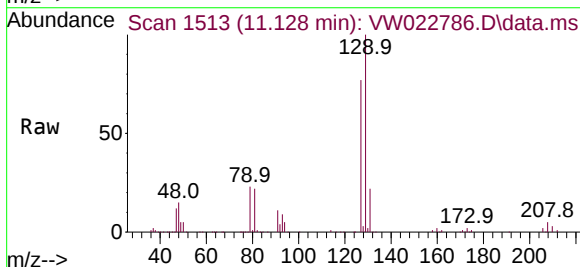
Instrument :
MSVOA_W
ClientSampleId :

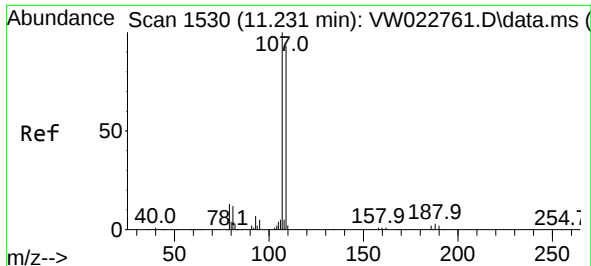
Tgt Ion: 43	Resp: 78502
Ion Ratio	Lower Upper
43 100	
58 58.3	45.9 68.9
57 20.0	16.2 24.2
100 15.1	10.7 16.1



#49
Dibromochloromethane
Concen: 22.864 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion:129	Resp:	96089	
Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.8	100.0

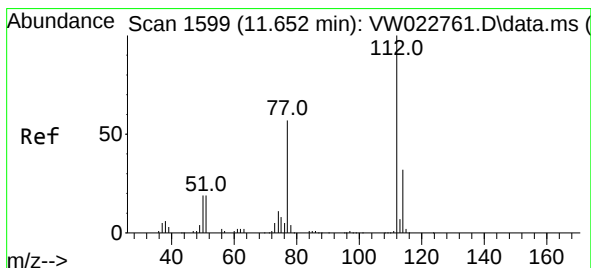
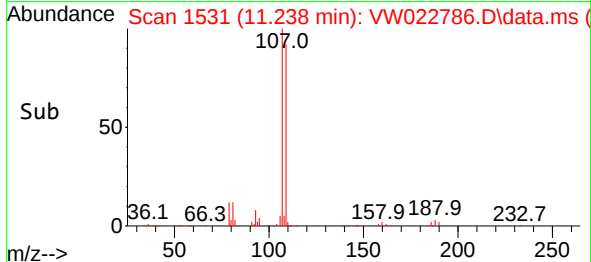
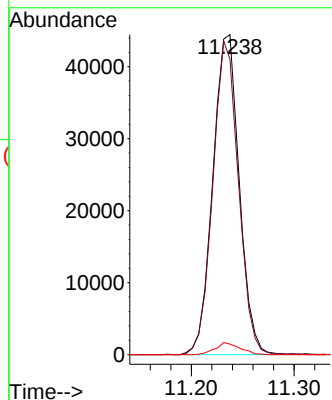
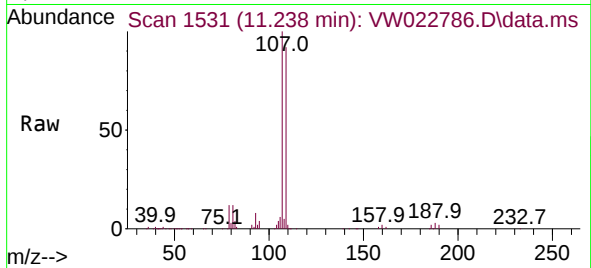




#50
1,2-Dibromoethane
Concen: 22.602 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

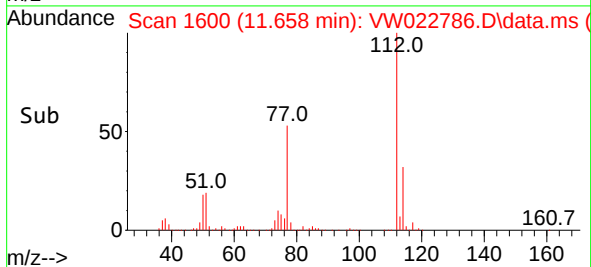
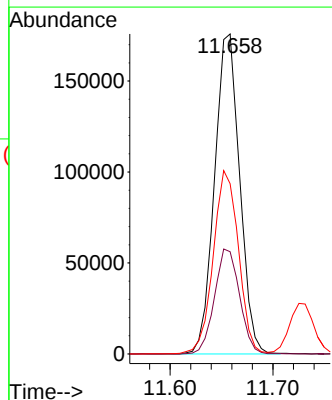
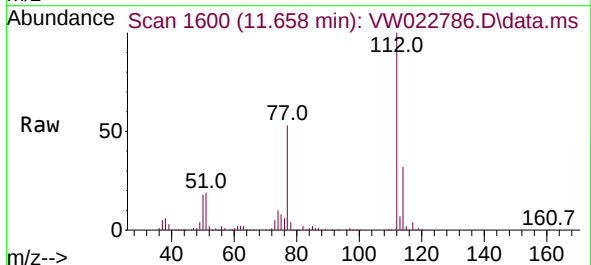
Instrument :
MSVOA_W
ClientSampleId :

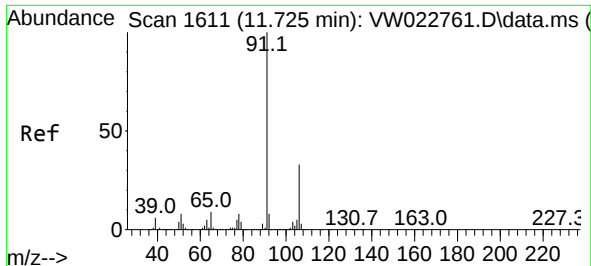
Tgt Ion:107 Resp: 79250
Ion Ratio Lower Upper
107 100
109 92.4 67.5 125.4
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 23.416 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion:112 Resp: 298629
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 53.2 42.6 63.8

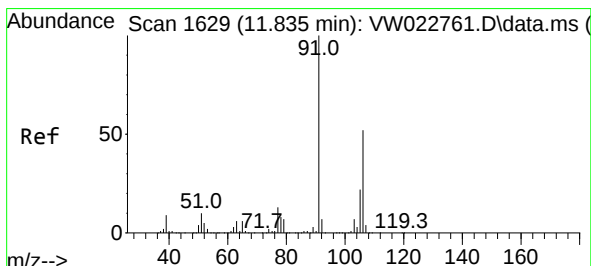
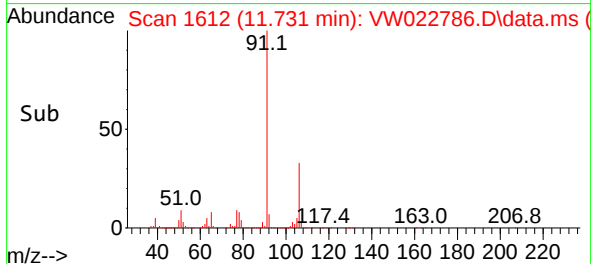
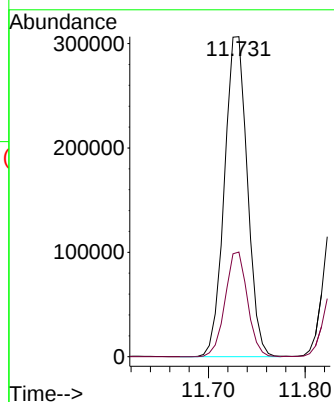
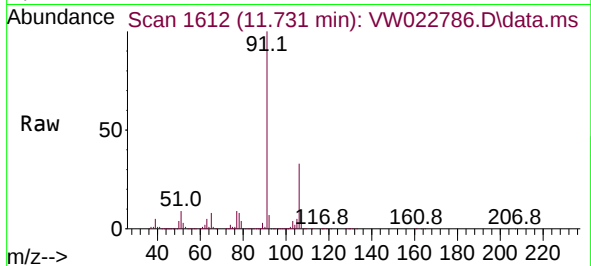




#52
Ethylbenzene
Concen: 23.476 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

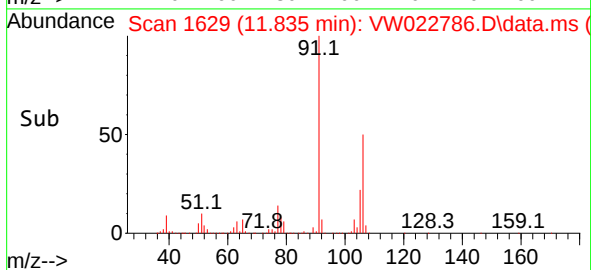
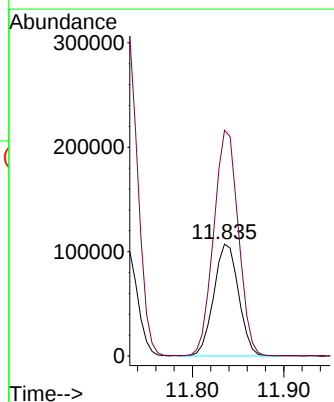
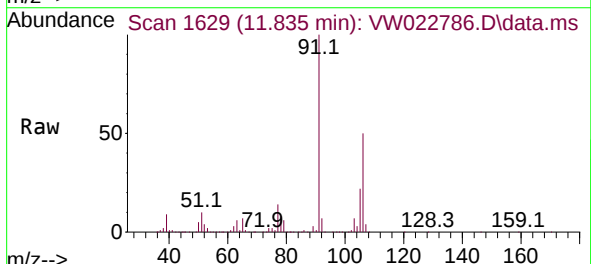
Instrument :
MSVOA_W
ClientSampleId :

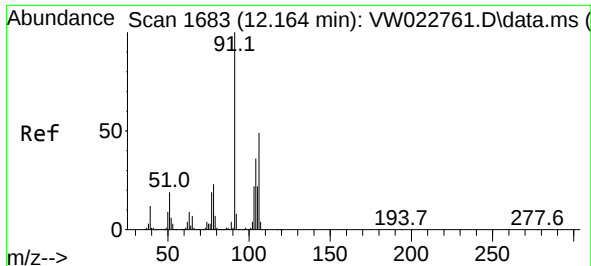
Tgt Ion: 91 Resp: 505235
Ion Ratio Lower Upper
91 100
106 32.7 22.3 41.3



#53
m,p-Xylene
Concen: 23.849 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion:106 Resp: 202235
Ion Ratio Lower Upper
106 100
91 201.7 136.8 254.0

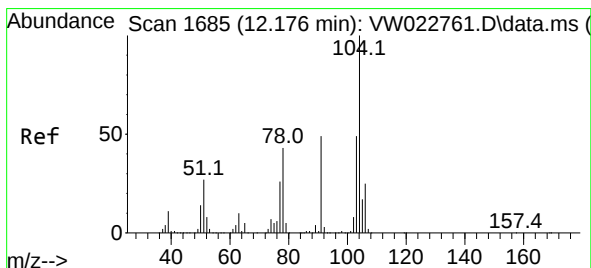
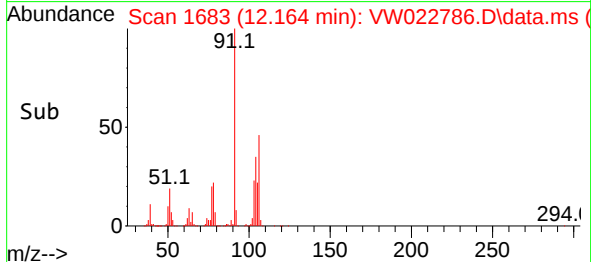
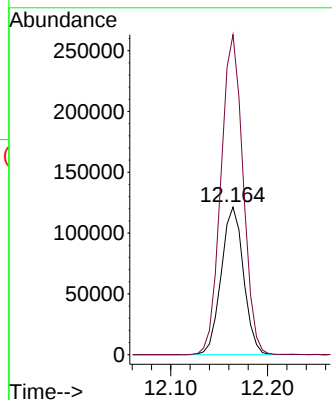
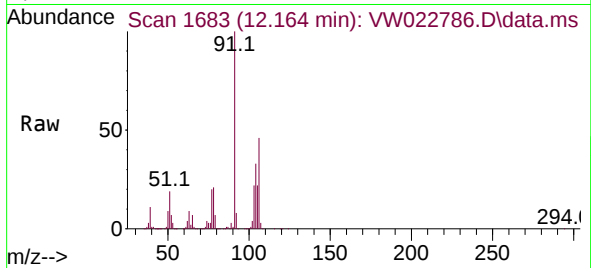




#54
o-Xylene
Concen: 23.897 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

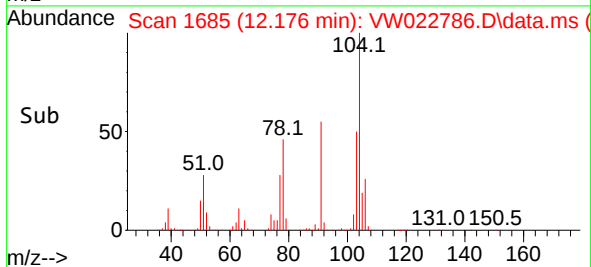
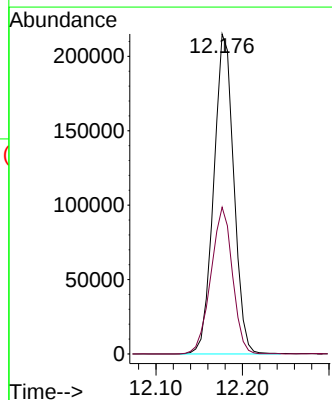
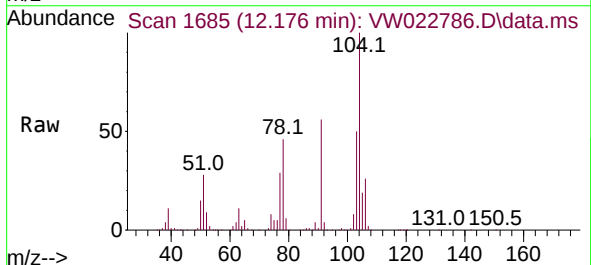
Instrument :
MSVOA_W
ClientSampleId :

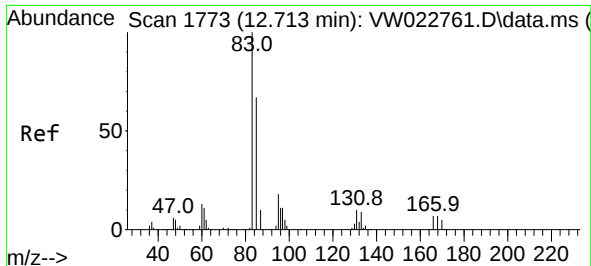
Tgt Ion:106 Resp: 194457
Ion Ratio Lower Upper
106 100
91 216.8 147.2 273.4



#55
Styrene
Concen: 25.035 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion:104 Resp: 346170
Ion Ratio Lower Upper
104 100
78 45.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.985 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

ClientSampleId :

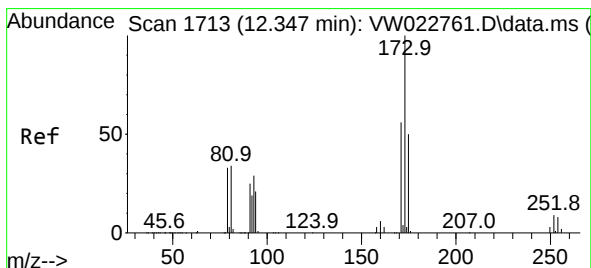
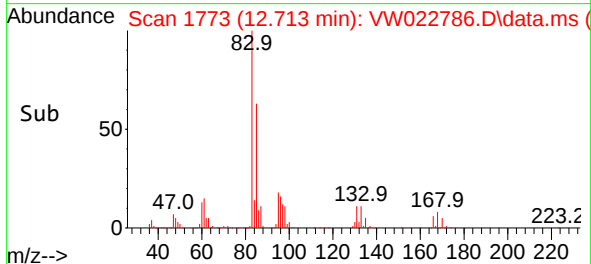
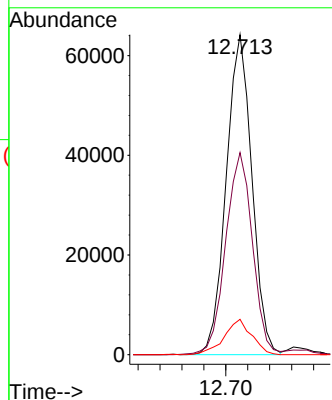
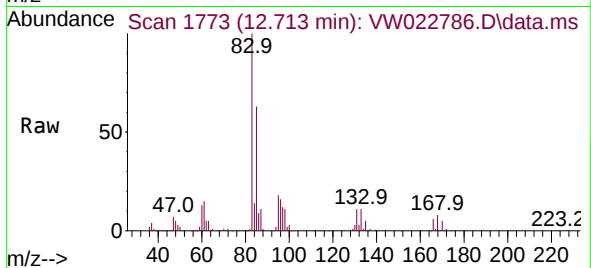
Tgt Ion: 83 Resp: 104612

Ion Ratio Lower Upper

83 100

85 63.2 47.5 88.1

131 11.0 8.7 13.1



#59

Bromoform

Concen: 22.393 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

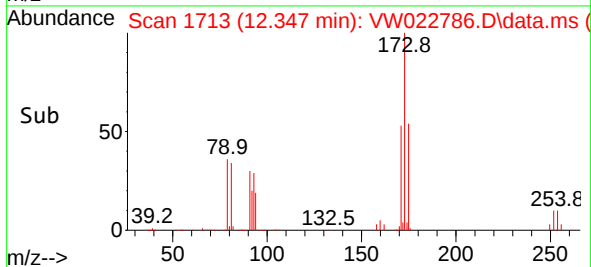
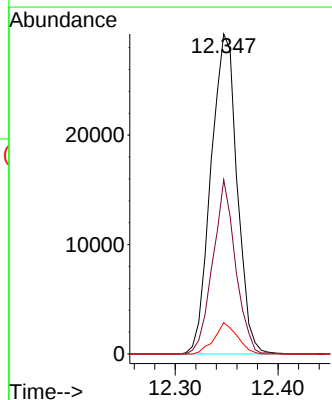
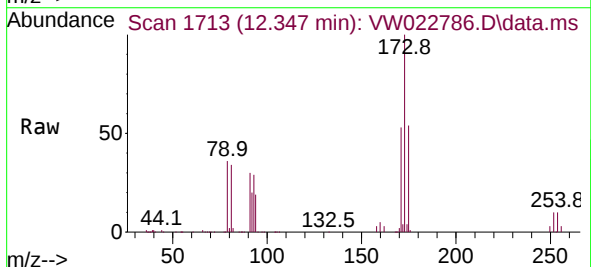
Tgt Ion: 173 Resp: 51649

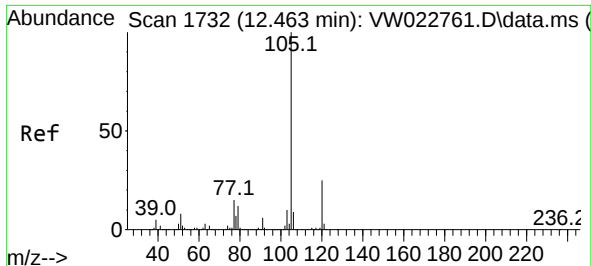
Ion Ratio Lower Upper

173 100

175 47.1 38.1 57.1

254 8.6 6.5 9.7

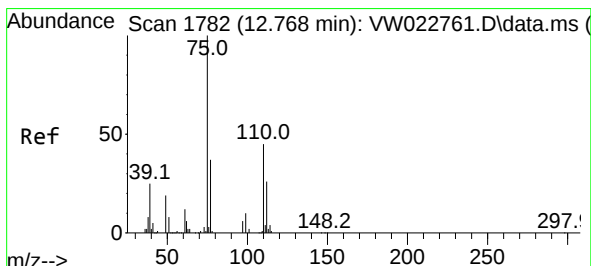
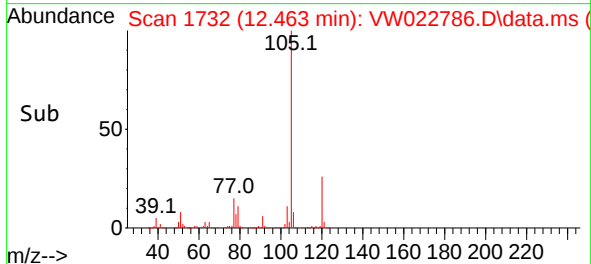
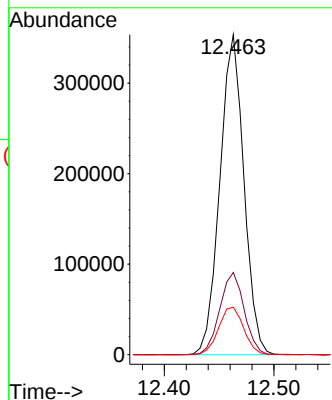
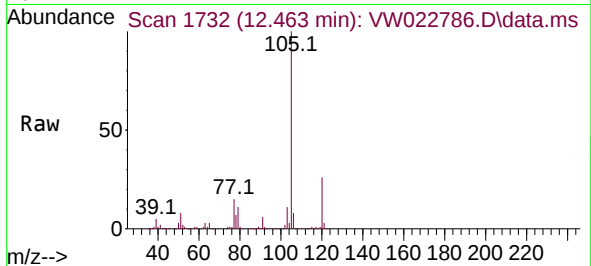




#60
Isopropylbenzene
Concen: 24.150 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

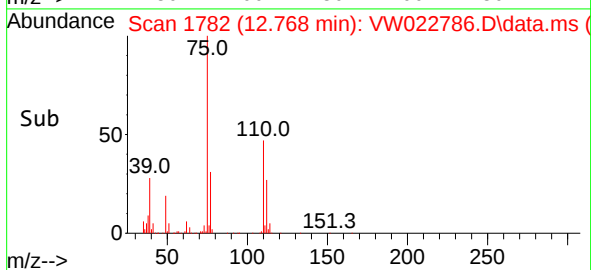
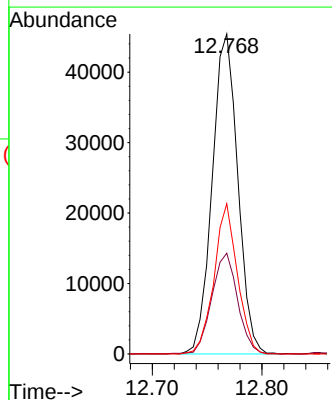
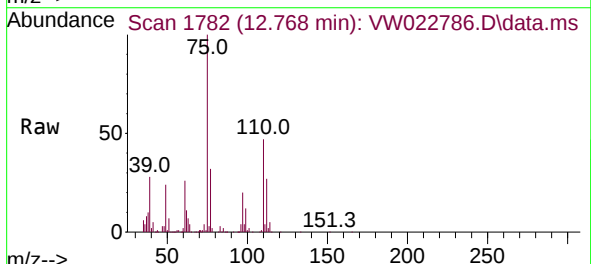
Instrument :
MSVOA_W
ClientSampleId :

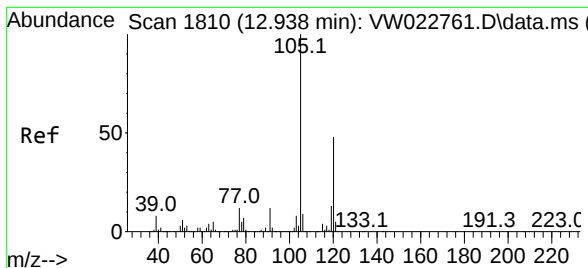
Tgt Ion:105 Resp: 538440
Ion Ratio Lower Upper
105 100
120 26.1 21.3 31.9
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 22.626 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion: 75 Resp: 73576
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 42.9 34.1 51.1

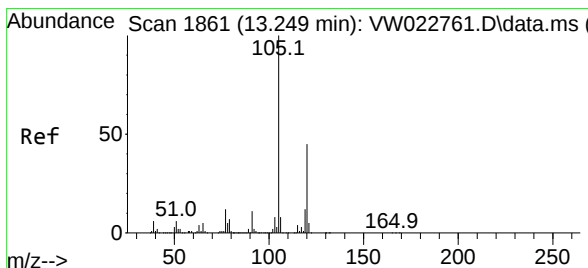
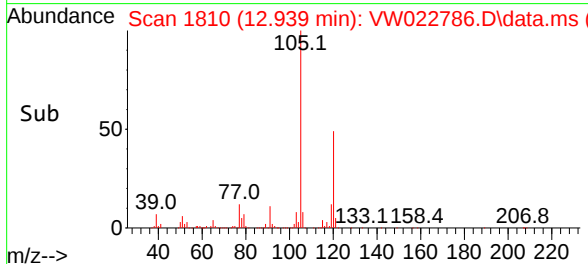
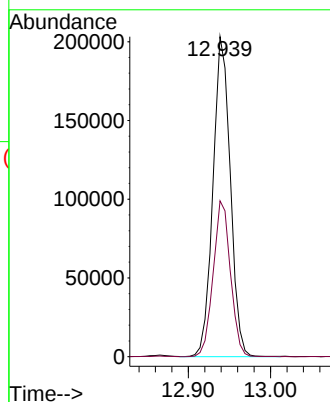
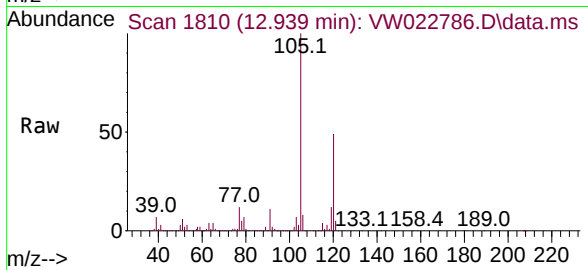




#62
1,3,5-Trimethylbenzene
Concen: 24.000 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

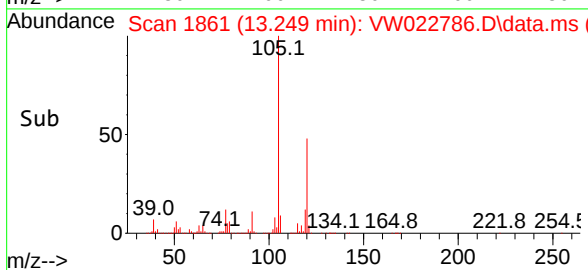
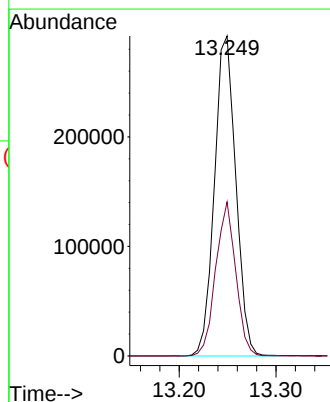
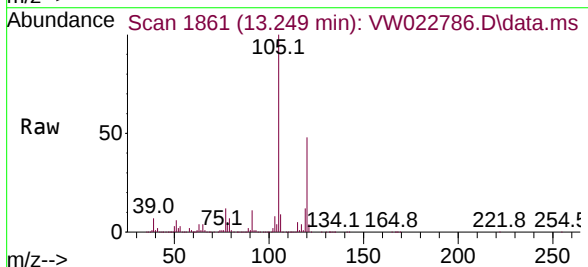
Instrument :
MSVOA_W
ClientSampleId :

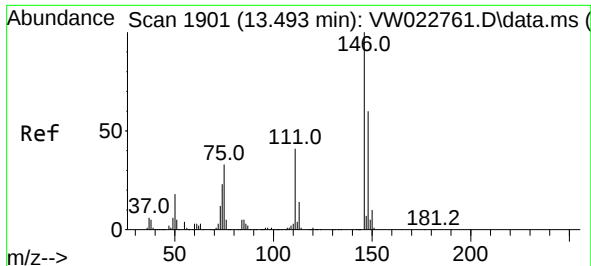
Tgt Ion:105 Resp: 297696
Ion Ratio Lower Upper
105 100
120 48.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.072 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

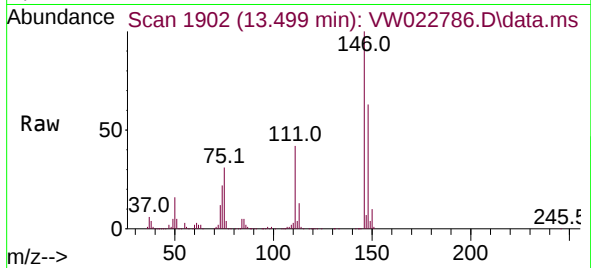
Tgt Ion:105 Resp: 448332
Ion Ratio Lower Upper
105 100
120 45.2 37.4 56.2



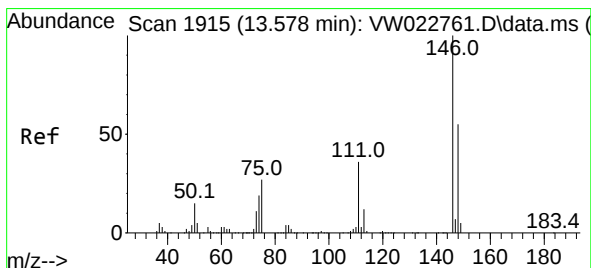
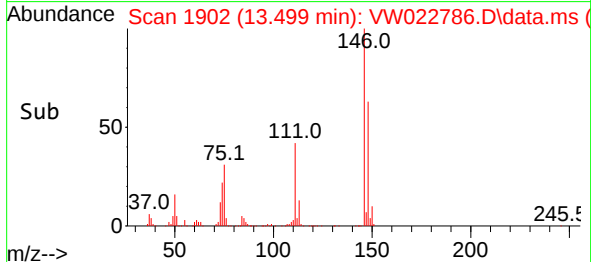
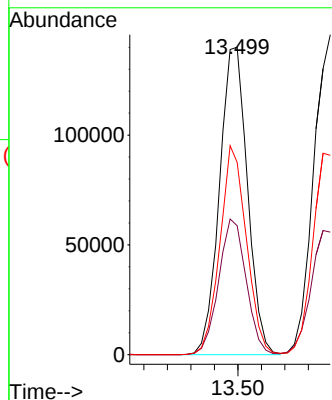


#64
1,3-Dichlorobenzene
Concen: 23.269 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Instrument :
MSVOA_W
ClientSampleId :

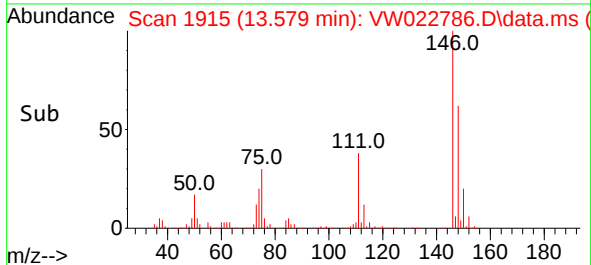
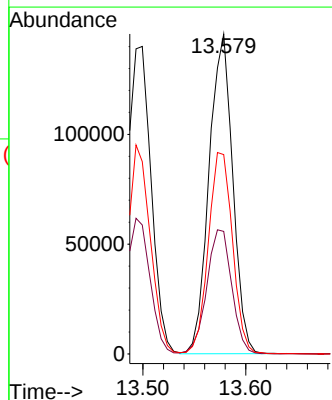
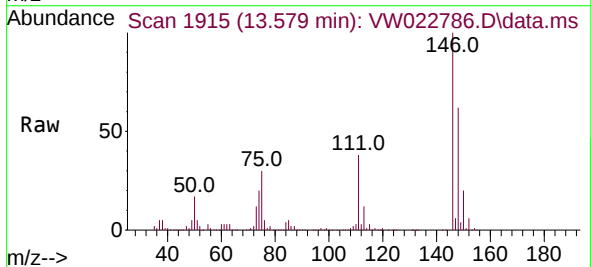


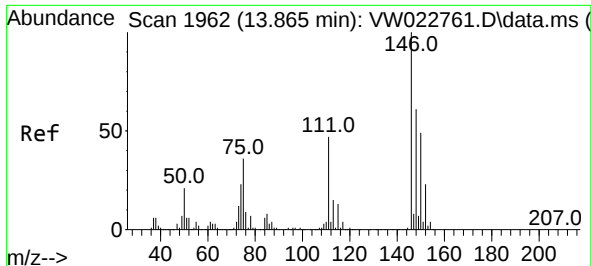
Tgt Ion:146 Resp: 231629
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.9
148 62.6 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.619 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022786.D
Acq: 03 May 2022 20:51

Tgt Ion:146 Resp: 232572
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.4
148 62.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.411 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

ClientSampleId :

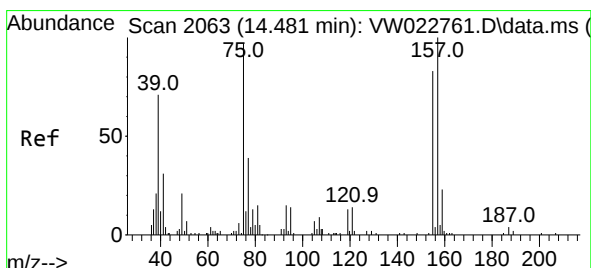
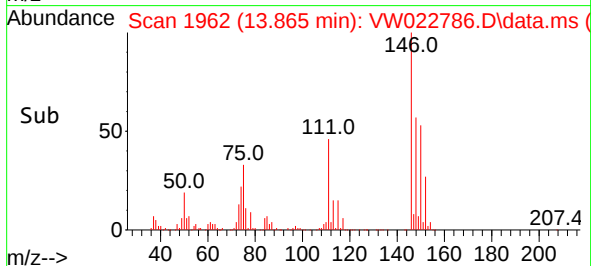
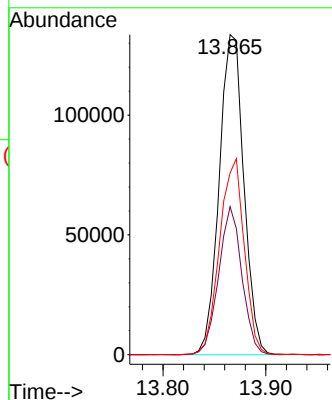
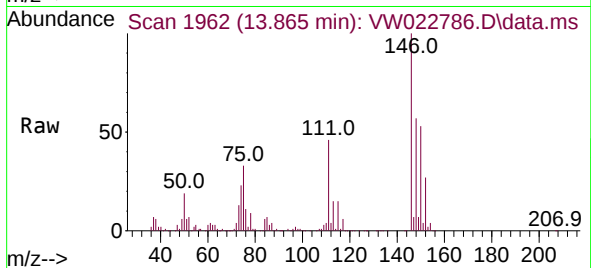
Tgt Ion:146 Resp: 222362

Ion Ratio Lower Upper

146 100

111 46.2 35.7 53.5

148 56.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.591 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

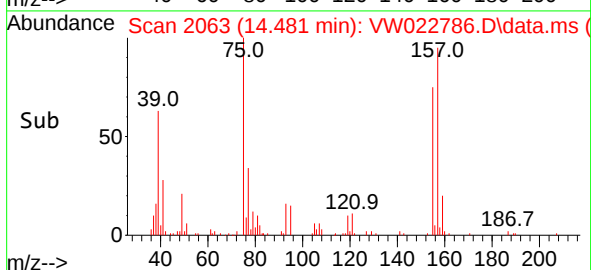
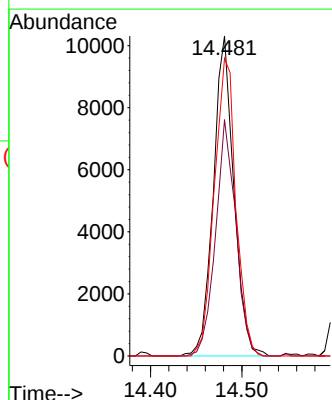
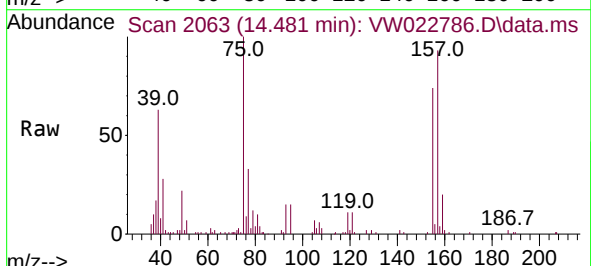
Tgt Ion: 75 Resp: 16055

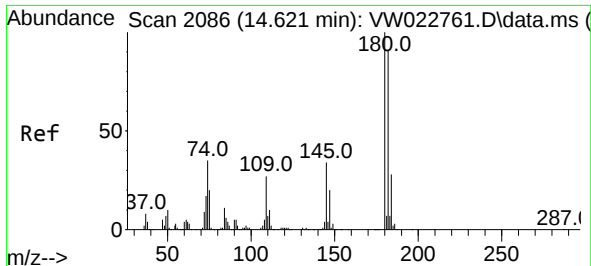
Ion Ratio Lower Upper

75 100

155 73.9 59.3 88.9

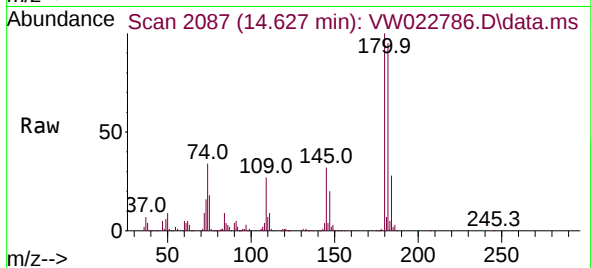
157 93.0 89.8 134.8



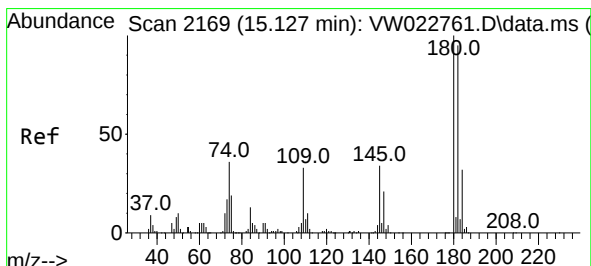
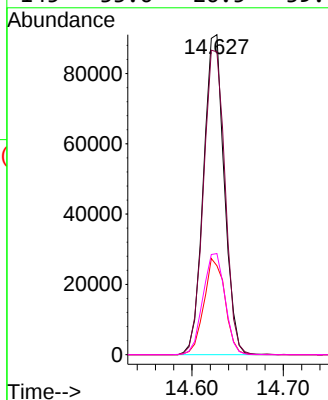
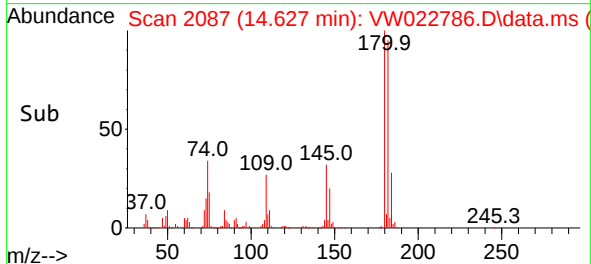


#69
 1,3,5-Trichlorobenzene
 Concen: 21.709 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51

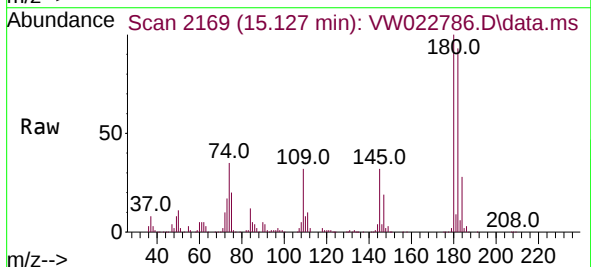
Instrument :
 MSVOA_W
 ClientSampleId :



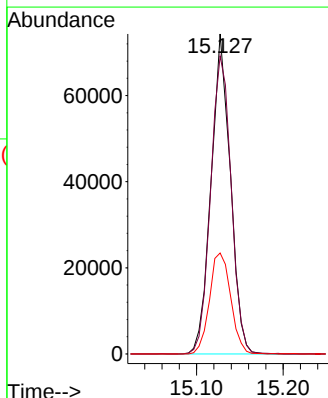
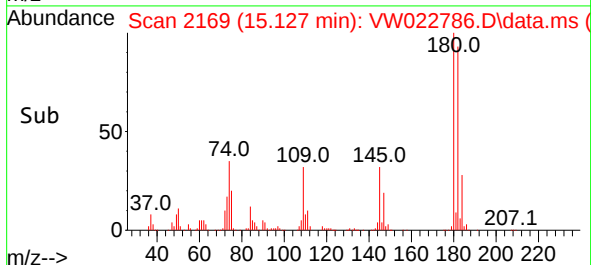
Tgt Ion:180 Resp: 143448
 Ion Ratio Lower Upper
 180 100
 182 98.7 74.8 112.2
 184 30.5 23.4 35.2
 145 33.6 26.5 39.7

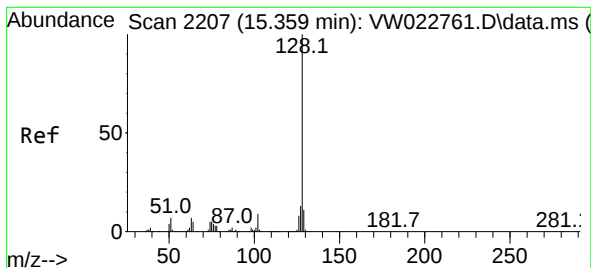


#70
 1,2,4-trichlorobenzene
 Concen: 21.643 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022786.D
 Acq: 03 May 2022 20:51



Tgt Ion:180 Resp: 115040
 Ion Ratio Lower Upper
 180 100
 182 99.1 74.9 112.3
 145 34.7 26.6 39.8





#71

Naphthalene

Concen: 22.940 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

Instrument :

MSVOA_W

ClientSampleId :

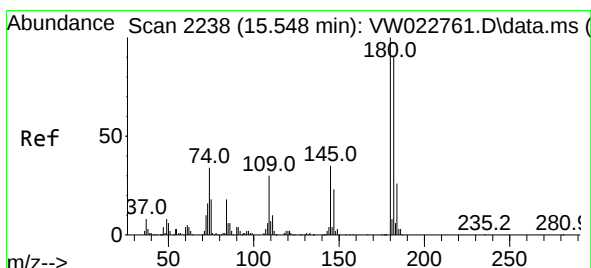
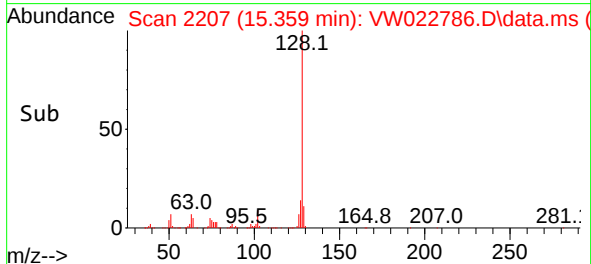
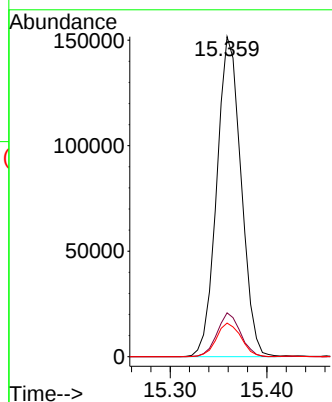
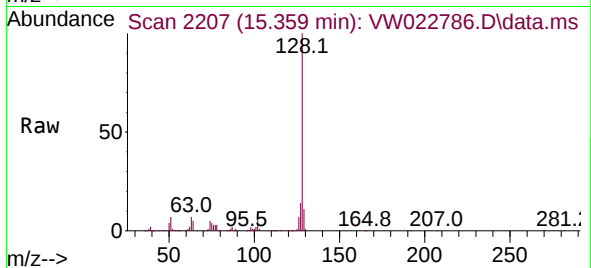
Tgt Ion:128 Resp: 265012

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 21.846 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022786.D

Acq: 03 May 2022 20:51

Tgt Ion:180 Resp: 102913

Ion Ratio Lower Upper

180 100

182 99.1 73.5 110.3

145 36.0 27.9 41.9

