

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021056.D
 Acq On : 02 Dec 2021 20:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:27:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	96234	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	87396	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53189	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27173	24.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
7) Chloroethane-d5	2.885	69	21097	29.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.200%
11) 1,1-Dichloroethene-d2	4.019	63	48059	22.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.000%
21) 2-Butanone-d5	7.074	46	18544	66.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.120%
24) Chloroform-d	7.647	84	68945	28.434	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.720%
26) 1,2-Dichloroethane-d4	8.305	65	37395	30.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.520%
32) Benzene-d6	8.275	84	126547	27.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.880%
36) 1,2-Dichloropropane-d6	9.274	67	36632	27.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.720%
41) Toluene-d8	10.323	98	124538	27.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.960%
43) trans-1,3-Dichloroprop...	10.579	79	16951	27.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.360%
47) 2-Hexanone-d5	10.920	63	15448	71.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.020%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	34539	34.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.480%#
66) 1,2-Dichlorobenzene-d4	13.853	152	50719	26.754	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11588	41.607	ug/L	97
3) Chloromethane	2.215	50	21808	25.755	ug/L	99
5) Vinyl chloride	2.361	62	40957	27.965	ug/L	99
6) Bromomethane	2.776	94	27720	34.133	ug/L	97
8) Chloroethane	2.916	64	17881	29.041	ug/L	95
9) Trichlorofluoromethane	3.251	101	16501	19.342	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	33672	25.964	ug/L	92
12) 1,1-Dichloroethene	4.037	96	29582	24.534	ug/L	79
13) Acetone	4.117	43	12383	49.779	ug/L	91
14) Carbon disulfide	4.385	76	65895	20.207	ug/L	97
15) Methyl Acetate	4.665	43	12682	28.428	ug/L	# 87
16) Methylene chloride	4.921	84	31939	23.797	ug/L	80
17) trans-1,2-Dichloroethene	5.415	96	31043	23.888	ug/L	88
18) Methyl tert-butyl Ether	5.421	73	53542	27.448	ug/L	94
19) 1,1-Dichloroethane	6.214	63	54896	25.495	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	36297	25.916	ug/L	78
22) 2-Butanone	7.171	43	18254	54.009	ug/L	88
23) Bromochloromethane	7.512	128	17633	27.539	ug/L	# 69
25) Chloroform	7.677	83	63115	26.818	ug/L	100

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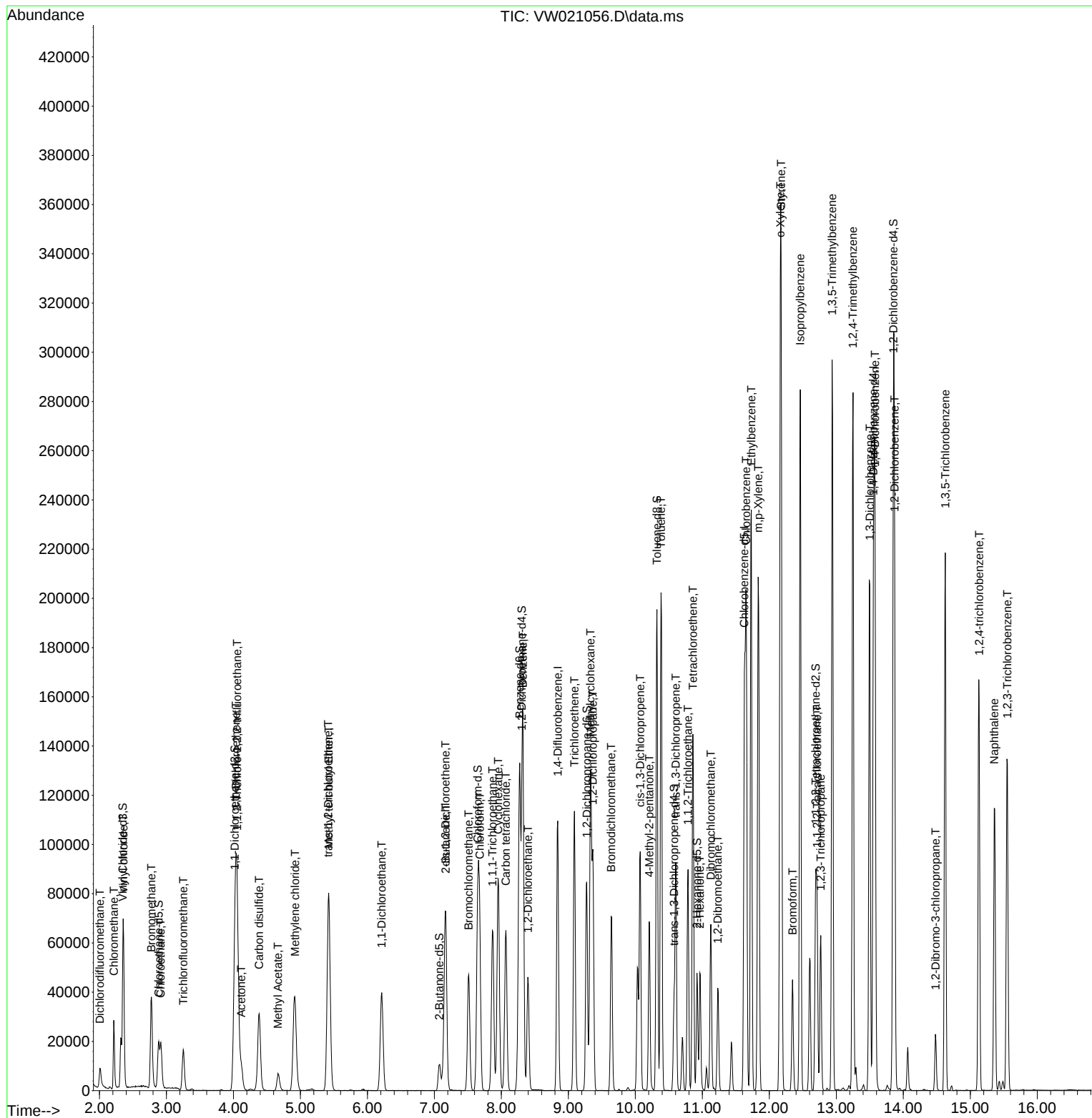
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	41423	29.067	ug/L	97
29) Cyclohexane	7.951	56	45293	23.246	ug/L #	82
30) 1,1,1-Trichloroethane	7.866	97	53632	25.519	ug/L	94
31) Carbon tetrachloride	8.067	117	49282	24.775	ug/L	100
33) Benzene	8.323	78	127761	25.819	ug/L	100
34) Trichloroethene	9.091	95	36358	26.269	ug/L	88
35) Methylcyclohexane	9.329	83	53375	23.390	ug/L	86
37) 1,2-Dichloropropane	9.366	63	31378	27.246	ug/L #	96
38) Bromodichloromethane	9.640	83	45413	27.478	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	51689	27.184	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	41771	60.939	ug/L #	92
42) Toluene	10.384	91	147302	26.465	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	46106	27.590	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	27136	30.297	ug/L	93
46) Tetrachloroethene	10.859	164	31580	24.850	ug/L	88
48) 2-Hexanone	10.963	43	29130	61.352	ug/L #	92
49) Dibromochloromethane	11.128	129	33854	27.416	ug/L	90
50) 1,2-Dibromoethane	11.231	107	26857	29.908	ug/L #	97
51) Chlorobenzene	11.652	112	101031	27.292	ug/L	92
52) Ethylbenzene	11.731	91	169688	27.513	ug/L	98
53) m,p-Xylene	11.835	106	67688	26.881	ug/L	87
54) o-Xylene	12.164	106	65855	27.232	ug/L	99
55) Styrene	12.176	104	111178	27.687	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	31970	32.204	ug/L #	95
59) Bromoform	12.347	173	18644	23.509	ug/L	100
60) Isopropylbenzene	12.463	105	178966	24.704	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	23969	30.722	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	151710	24.824	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	151088	25.057	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	84164	24.780	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	89875	26.232	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	77770	25.984	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	5163	27.680	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	65640	24.400	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	54659	24.836	ug/L	95
71) Naphthalene	15.359	128	101561	28.321	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	46239	24.898	ug/L	97

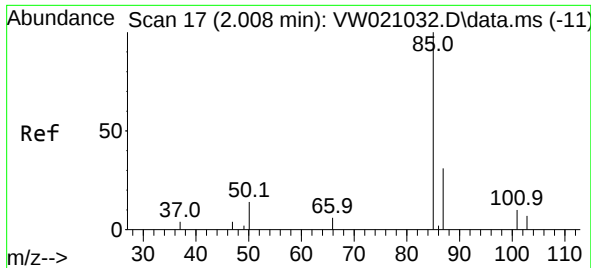
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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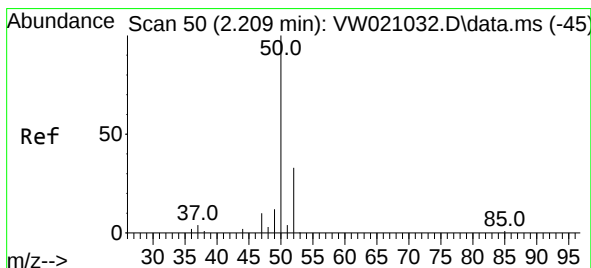
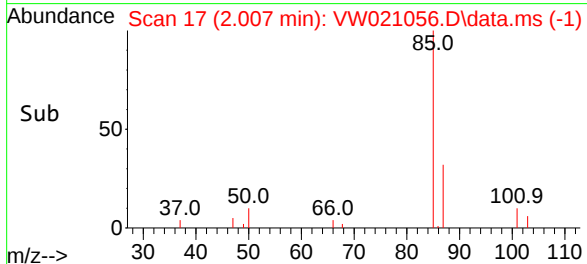
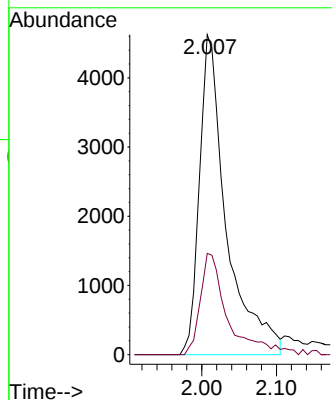
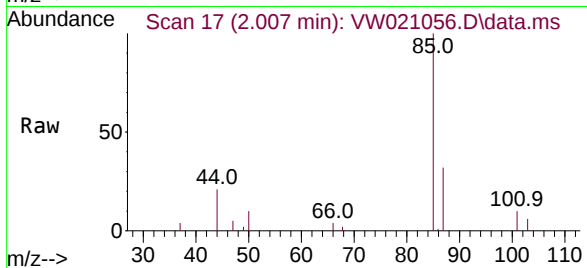




#2
 Dichlorodifluoromethane
 Concen: 41.607 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021056.D
 Acq: 02 Dec 2021 20:12

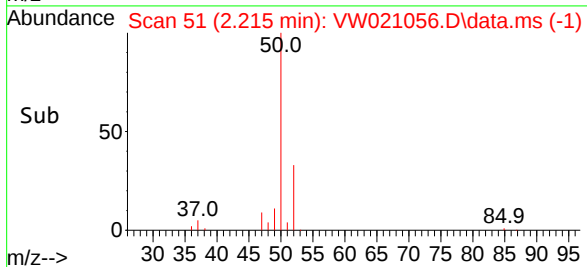
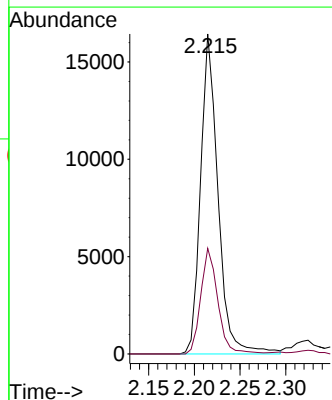
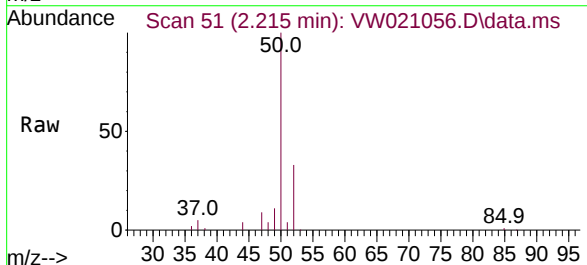
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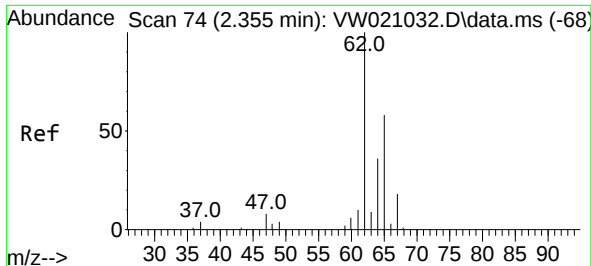
Tgt Ion: 85 Resp: 11588
 Ion Ratio Lower Upper
 85 100
 87 30.6 25.8 38.6



#3
 Chloromethane
 Concen: 25.755 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021056.D
 Acq: 02 Dec 2021 20:12

Tgt Ion: 50 Resp: 21808
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6

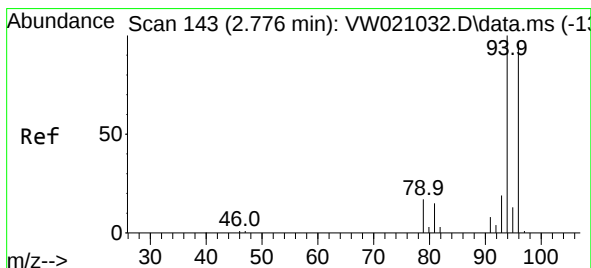
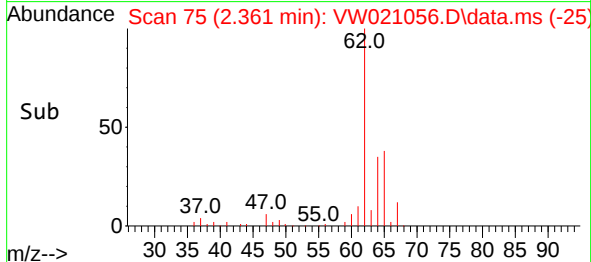
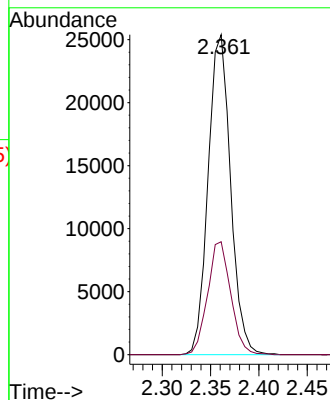
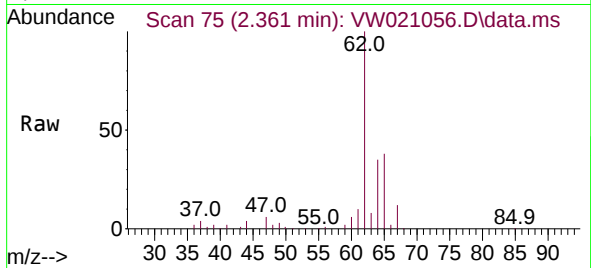




#5
 Vinyl chloride
 Concen: 27.965 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021056.D
 Acq: 02 Dec 2021 20:12

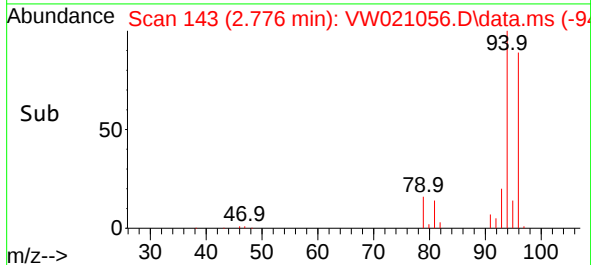
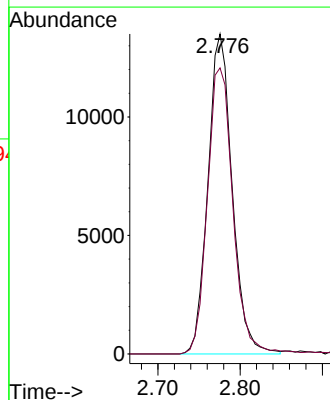
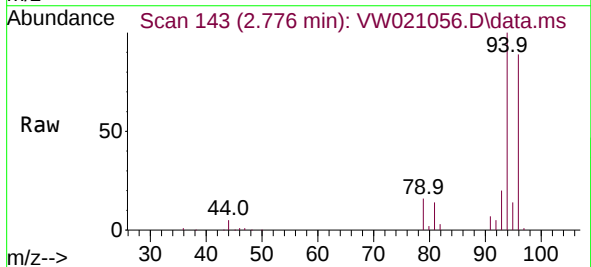
Instrument :
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 ClientSampleId :

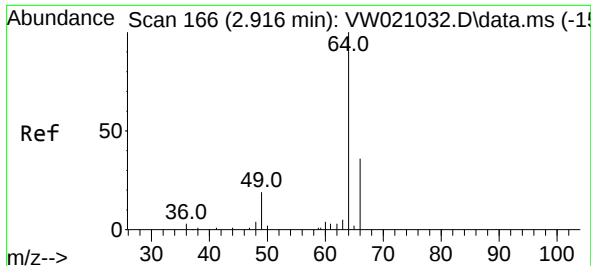
Tgt Ion: 62 Resp: 40957
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.4 45.2



#6
 Bromomethane
 Concen: 34.133 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021056.D
 Acq: 02 Dec 2021 20:12

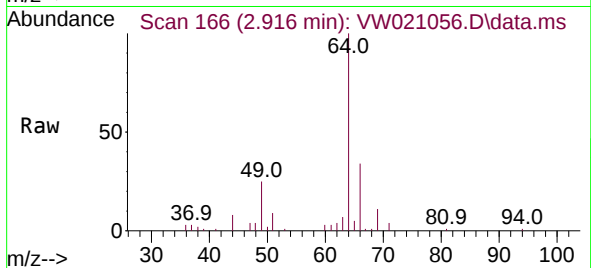
Tgt Ion: 94 Resp: 27720
 Ion Ratio Lower Upper
 94 100
 96 89.4 64.8 120.4



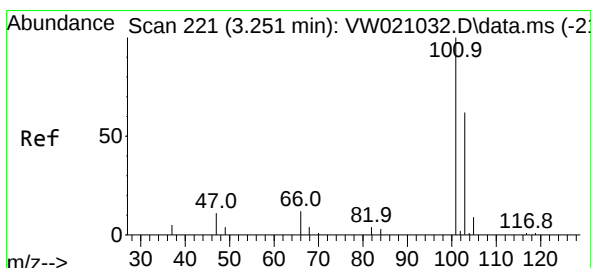
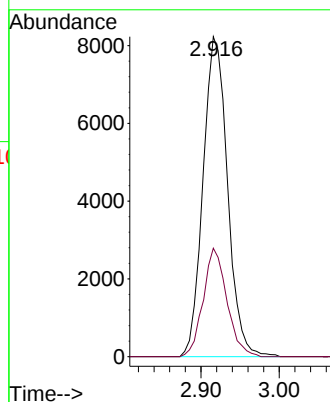
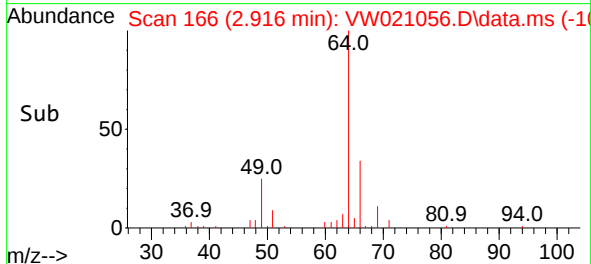


#8
Chloroethane
Concen: 29.041 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Instrument :
MSVOA_W
ClientSampleId :

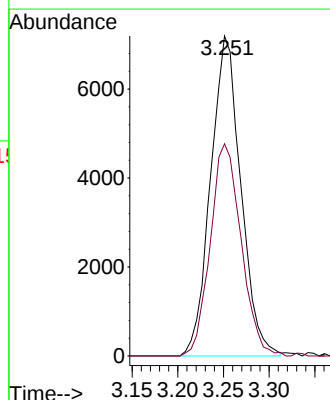
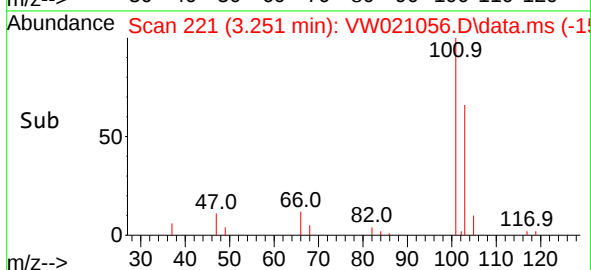
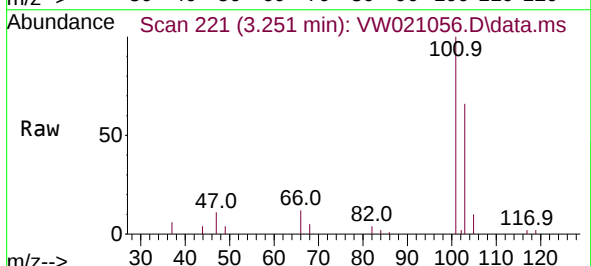


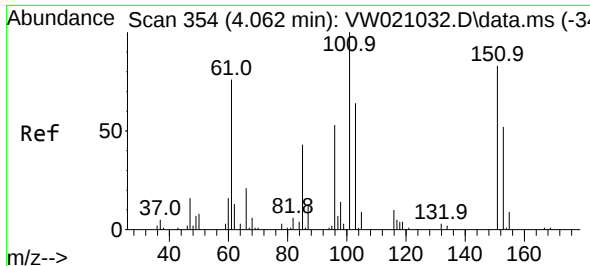
Tgt Ion: 64 Resp: 17881
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.342 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion:101 Resp: 16501
Ion Ratio Lower Upper
101 100
103 67.8 51.4 77.2

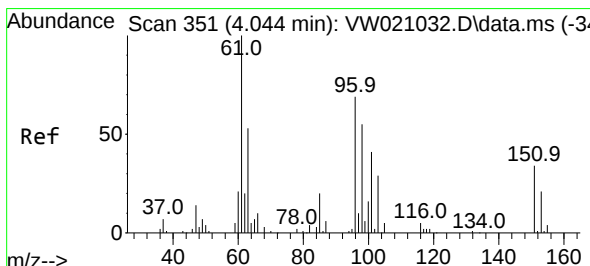
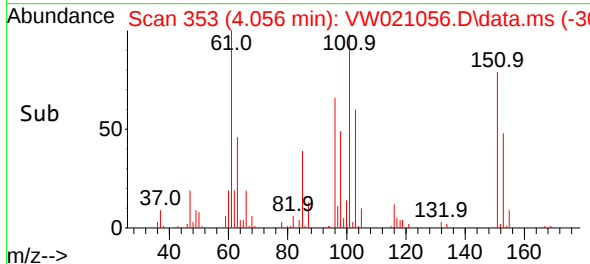
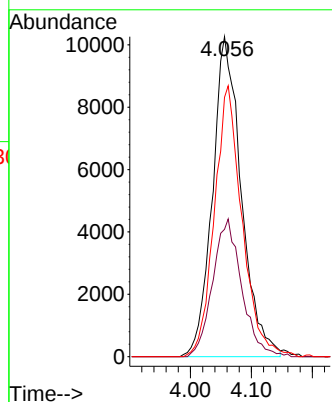
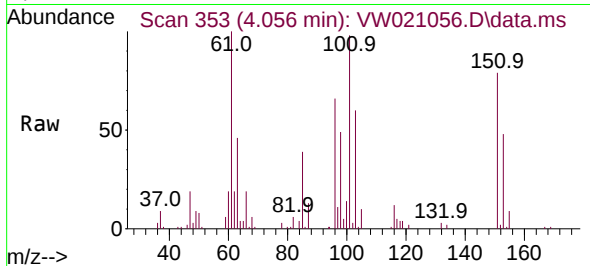




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.964 ug/L
RT: 4.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

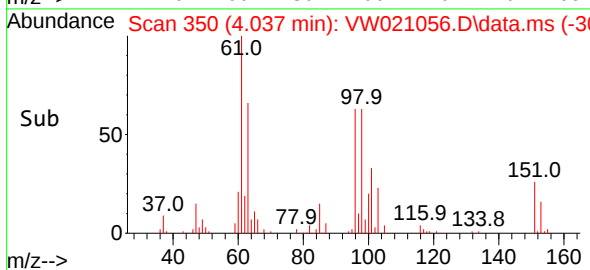
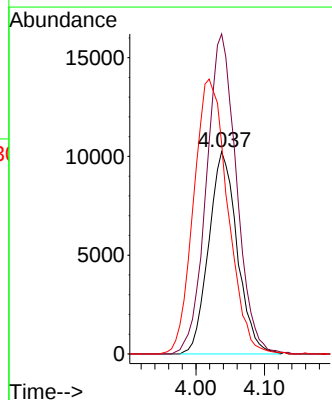
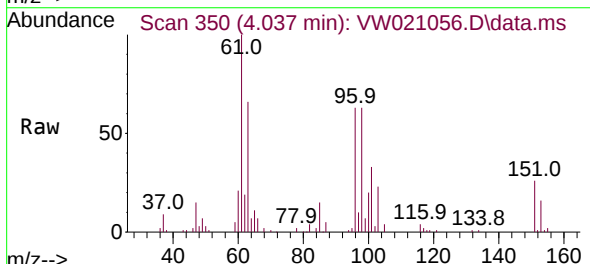
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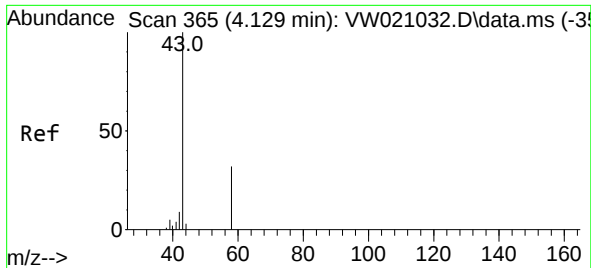
Tgt Ion:101 Resp: 33672
Ion Ratio Lower Upper
101 100
85 43.4 36.6 54.8
151 81.3 57.4 86.0



#12
1,1-Dichloroethene
Concen: 24.534 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 96 Resp: 29582
Ion Ratio Lower Upper
96 100
61 158.2 138.3 256.9
63 103.8 82.6 153.4

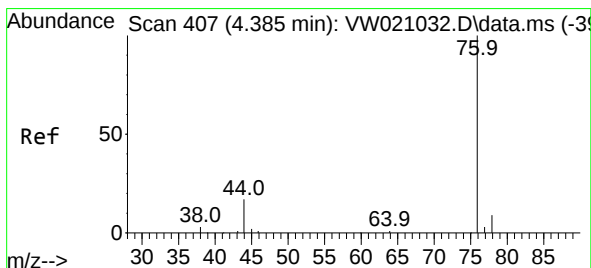
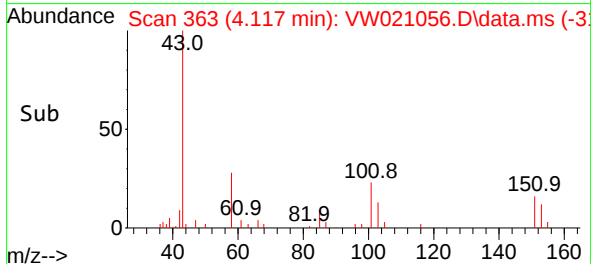
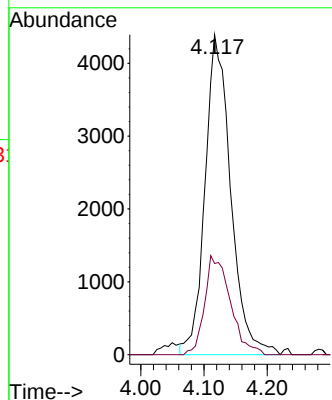
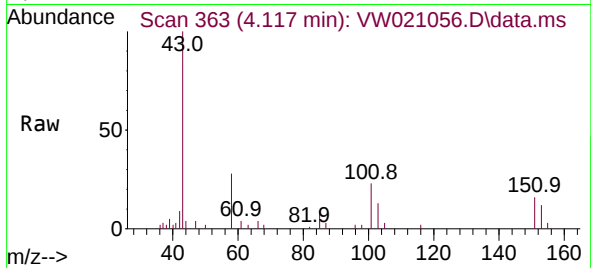




#13
Acetone
Concen: 49.779 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW021056.D
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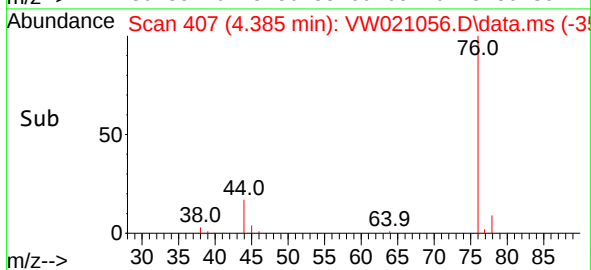
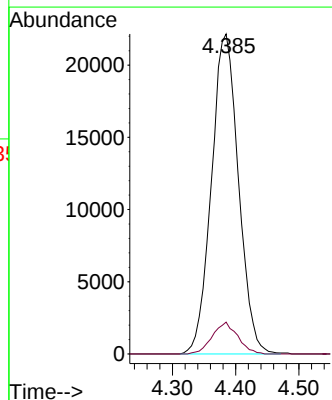
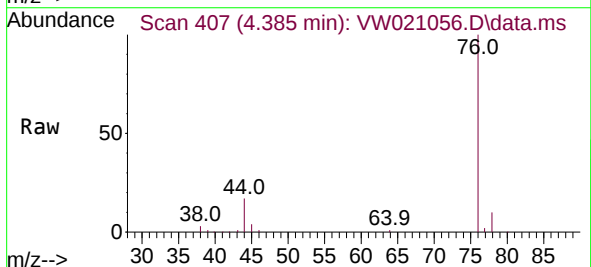
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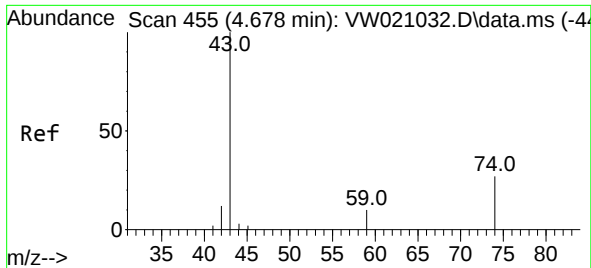
Tgt Ion: 43 Resp: 12383
Ion Ratio Lower Upper
43 100
58 30.9 0.0 52.8



#14
Carbon disulfide
Concen: 20.207 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 65895
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

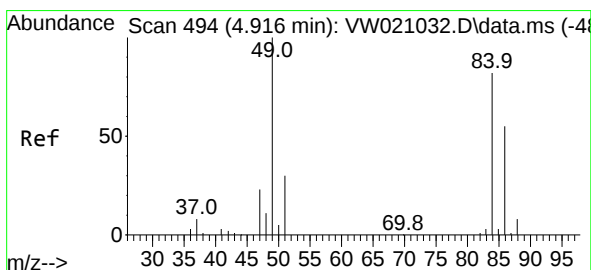
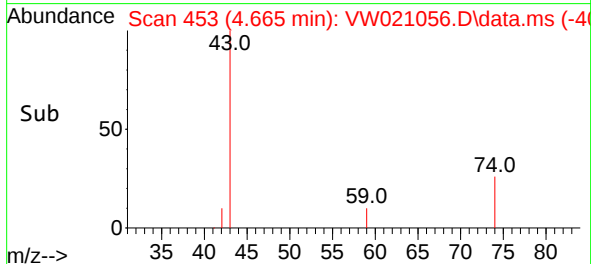
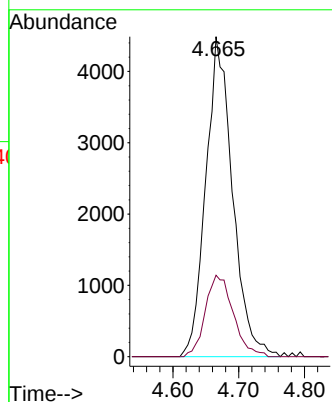
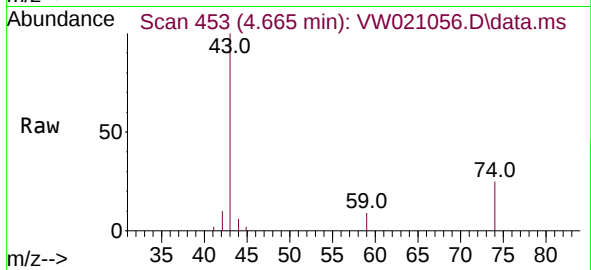




#15
Methyl Acetate
Concen: 28.428 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

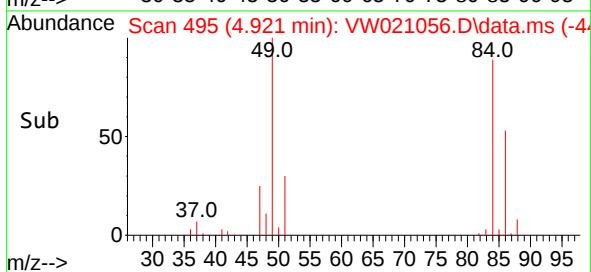
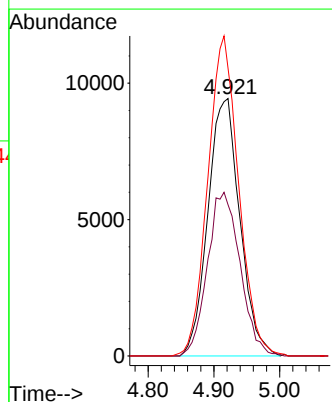
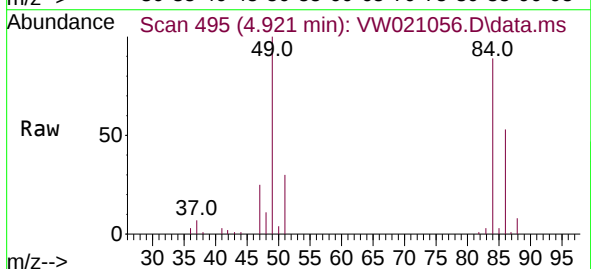
Instrument :
MSVOA_W
ClientSampleId :

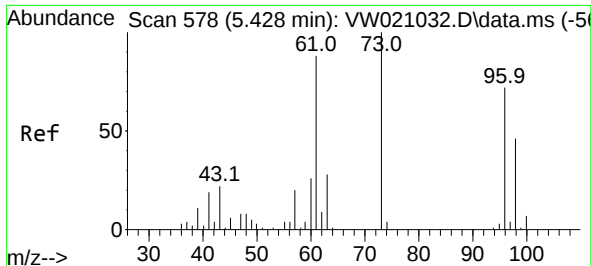
Tgt Ion: 43 Resp: 12682
Ion Ratio Lower Upper
43 100
74 26.6 16.4 24.6#



#16
Methylene chloride
Concen: 23.797 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 84 Resp: 31939
Ion Ratio Lower Upper
84 100
86 58.7 45.5 84.5
49 111.8 100.5 186.7

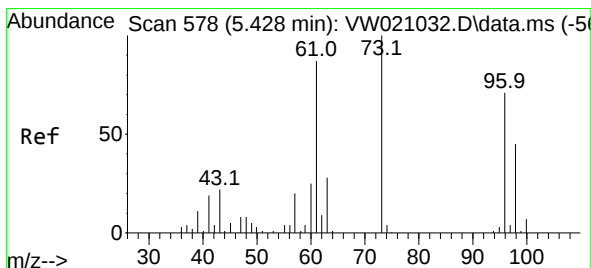
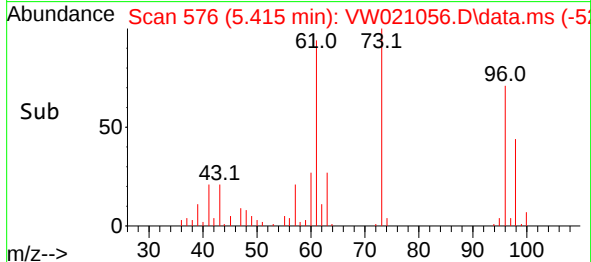
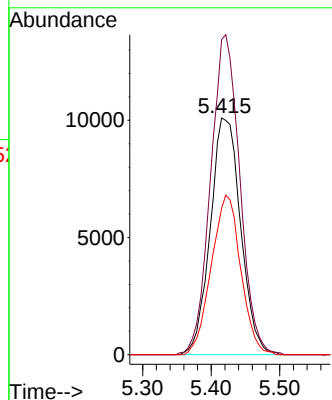
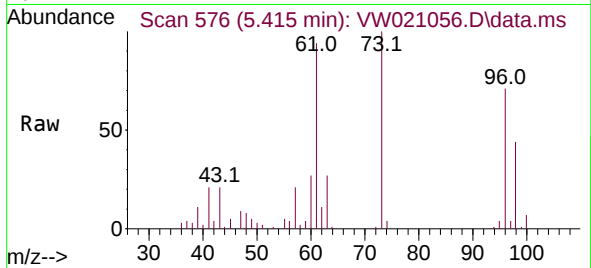




#17
trans-1,2-Dichloroethene
Concen: 23.888 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

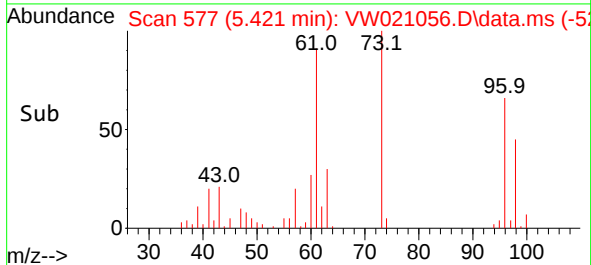
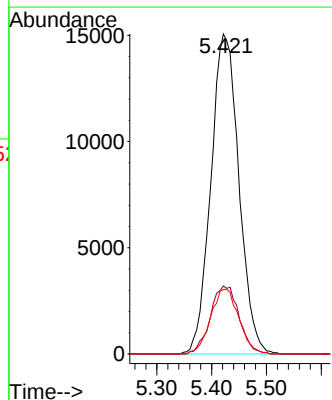
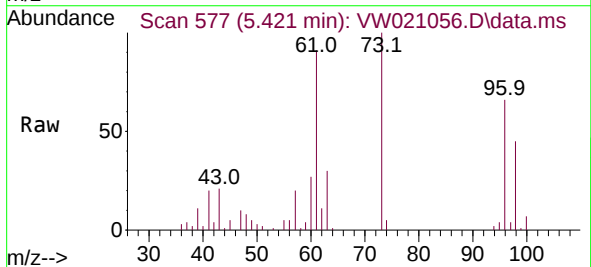
Instrument :
MSVOA_W
ClientSampleId :

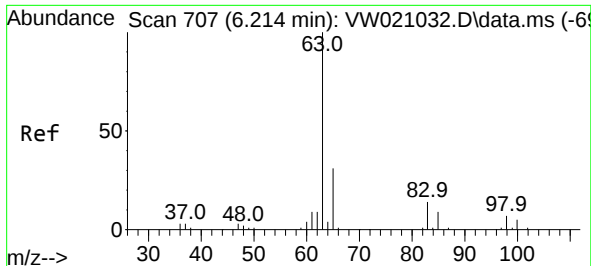
Tgt Ion: 96 Resp: 31043
Ion Ratio Lower Upper
96 100
61 133.2 107.4 199.4
98 61.9 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 27.448 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 73 Resp: 53542
Ion Ratio Lower Upper
73 100
43 21.7 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.495 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021056.D

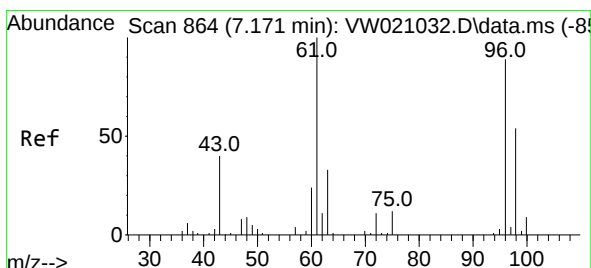
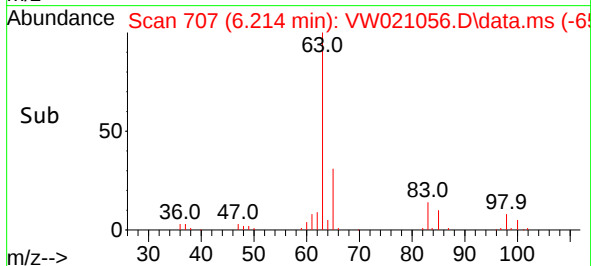
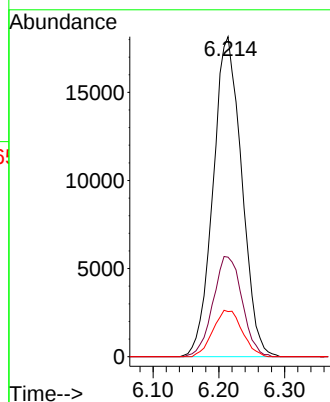
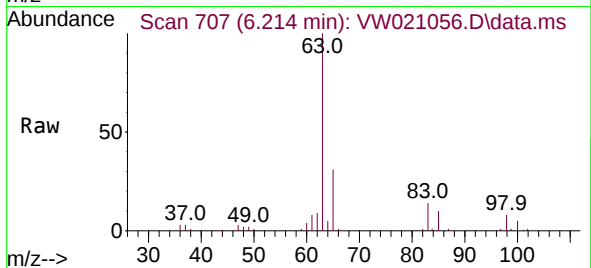
Acq: 02 Dec 2021 20:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	54896
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.1	41.1
83	14.1	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 25.916 ug/L

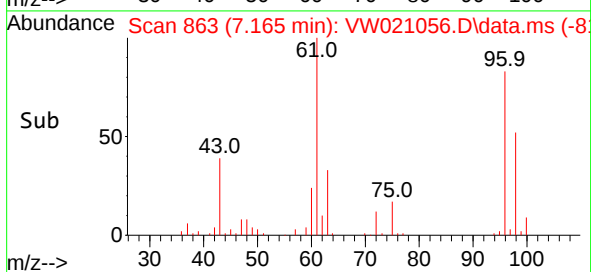
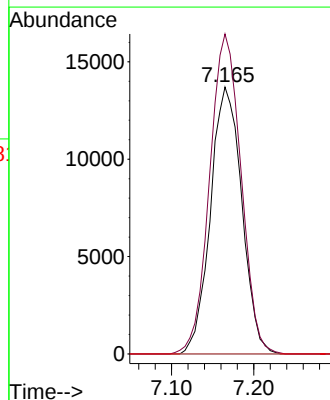
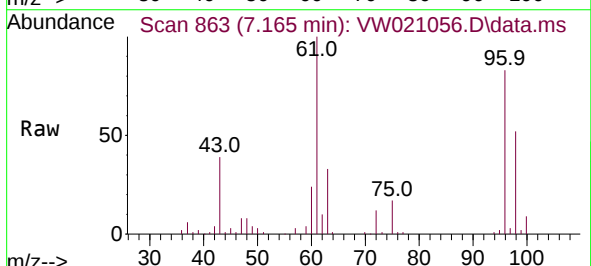
RT: 7.165 min Scan# 863

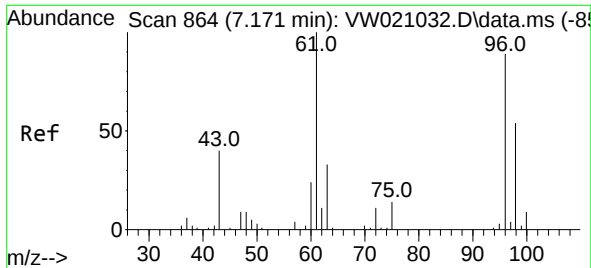
Delta R.T. -0.006 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

Tgt Ion:	96	Resp:	36297
Ion	Ratio	Lower	Upper
96	100		
61	119.9	103.7	192.7
68	0.0	0.0	0.0

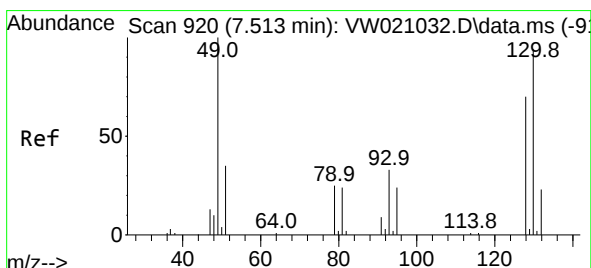
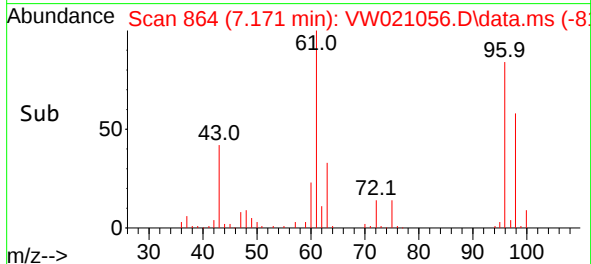
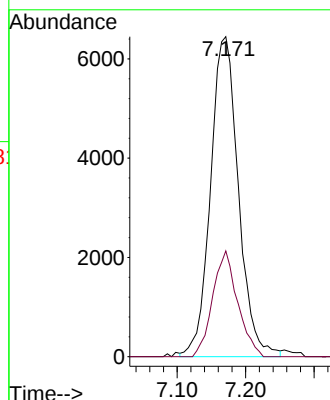
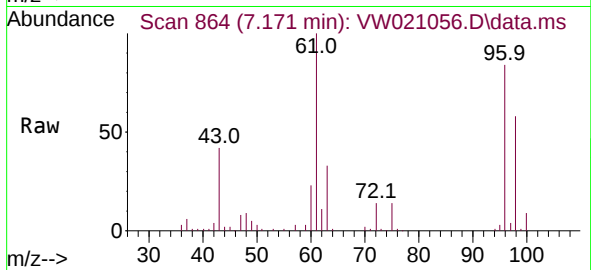




#22
2-Butanone
Concen: 54.009 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

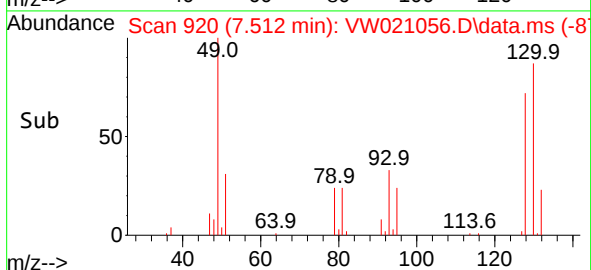
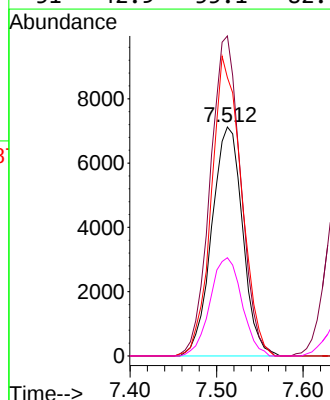
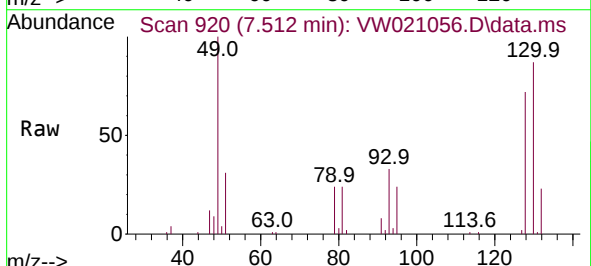
Instrument :
MSVOA_W
ClientSampleId :

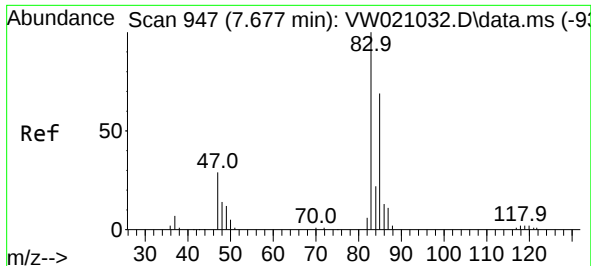
Tgt Ion: 43 Resp: 18254
Ion Ratio Lower Upper
43 100
72 29.5 11.8 35.4



#23
Bromochloromethane
Concen: 27.539 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 128 Resp: 17633
Ion Ratio Lower Upper
128 100
49 139.7 150.3 279.1#
130 121.6 88.3 163.9
51 42.9 55.1 82.7#





#25

Chloroform

Concen: 26.818 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

Instrument :

MSVOA_W

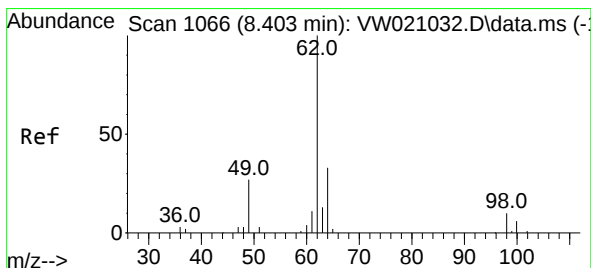
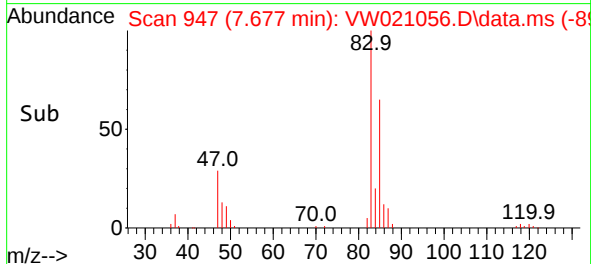
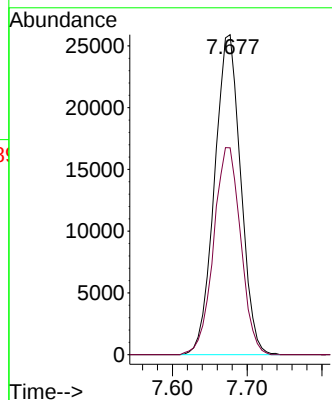
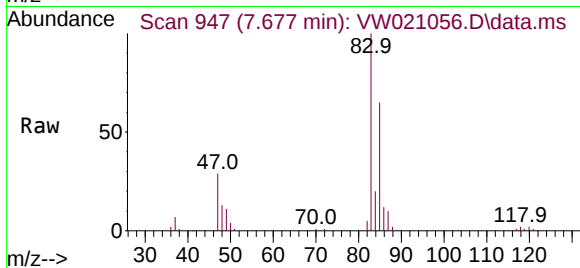
ClientSampleId :

Tgt Ion: 83 Resp: 63115

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 29.067 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021056.D

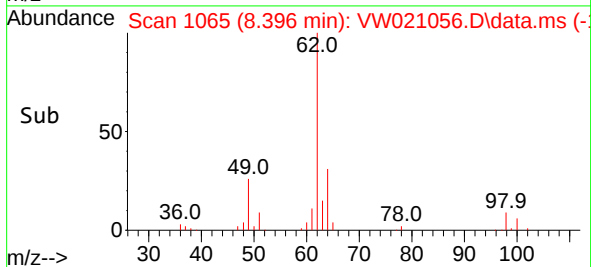
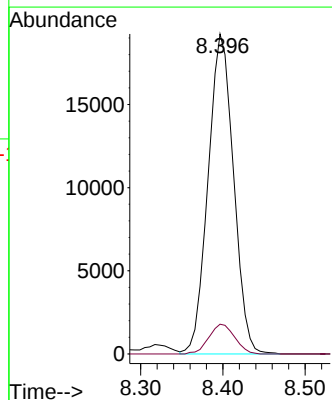
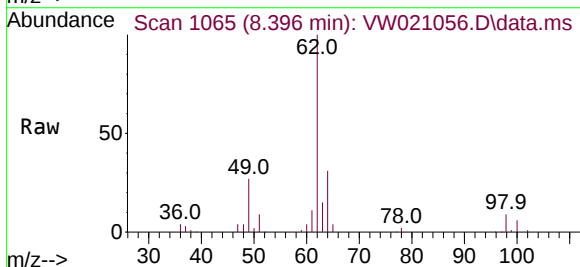
Acq: 02 Dec 2021 20:12

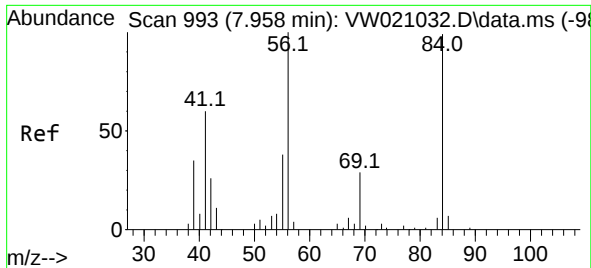
Tgt Ion: 62 Resp: 41423

Ion Ratio Lower Upper

62 100

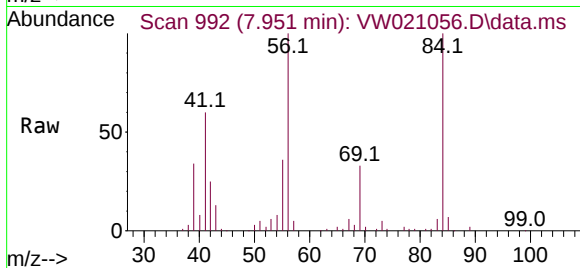
98 9.3 6.5 9.7



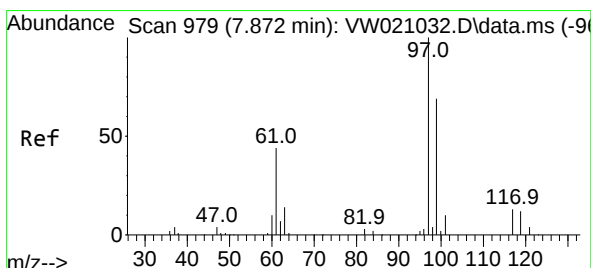
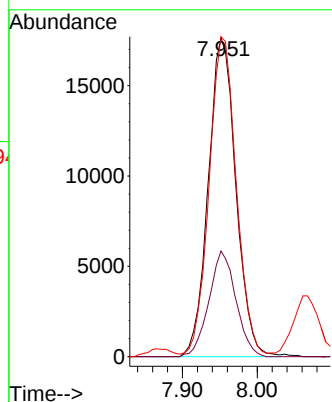
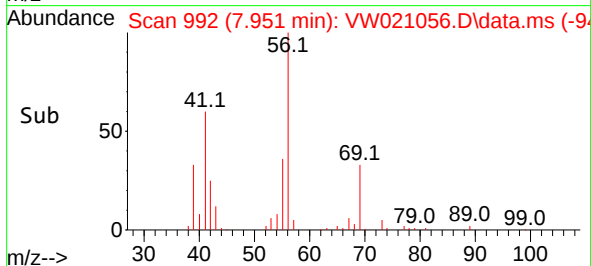


#29
Cyclohexane
Concen: 23.246 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Instrument :
MSVOA_W
ClientSampleId :

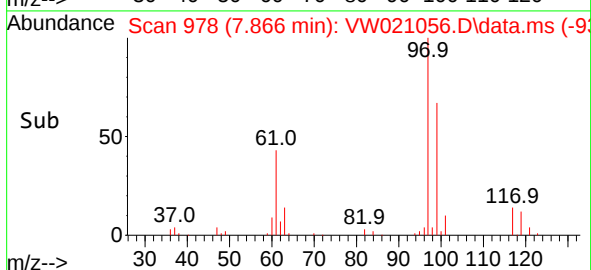
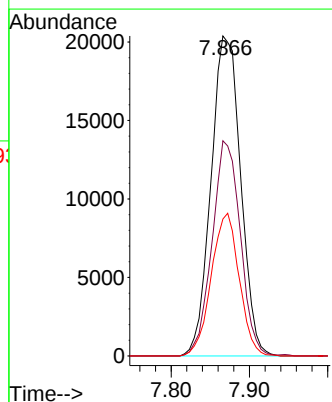
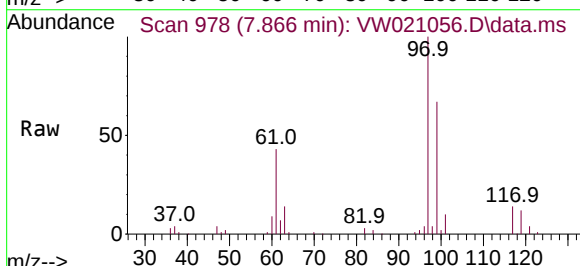


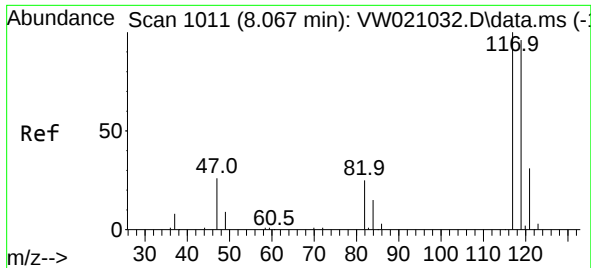
Tgt Ion: 56 Resp: 45293
Ion Ratio Lower Upper
56 100
69 32.3 23.5 35.3
84 98.8 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.519 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 97 Resp: 53632
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 42.1 40.9 61.3

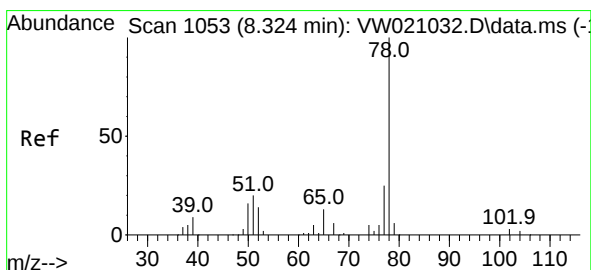
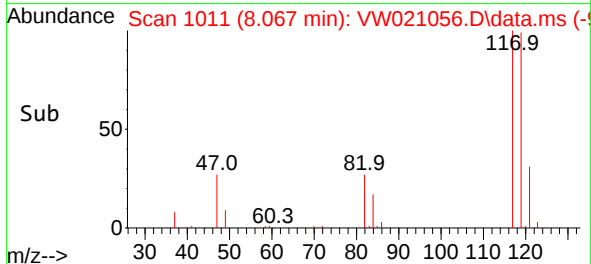
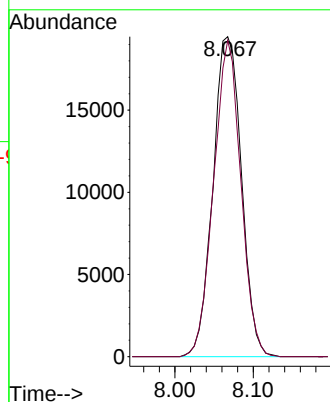
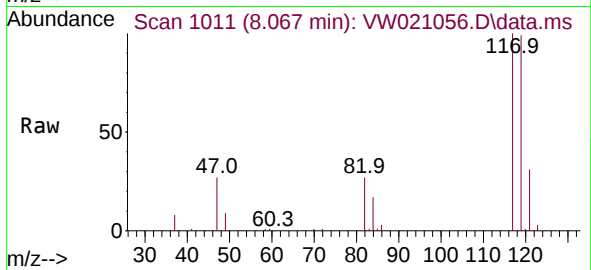




#31
Carbon tetrachloride
Concen: 24.775 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

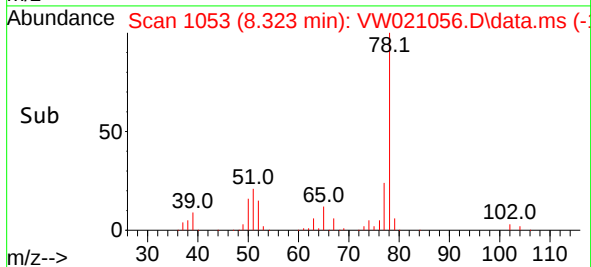
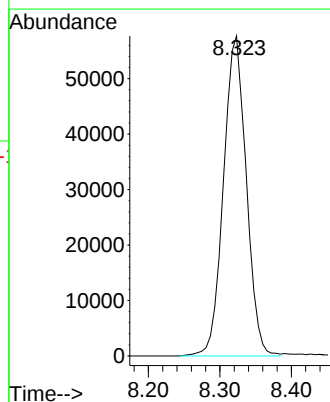
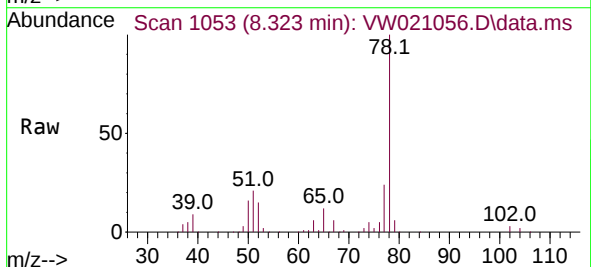
Instrument :
MSVOA_W
ClientSampleId :

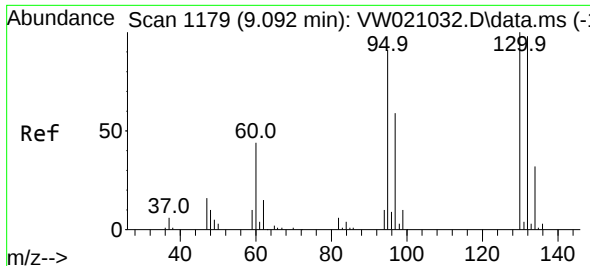
Tgt Ion:117 Resp: 49282
Ion Ratio Lower Upper
117 100
119 94.4 75.7 113.5



#33
Benzene
Concen: 25.819 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

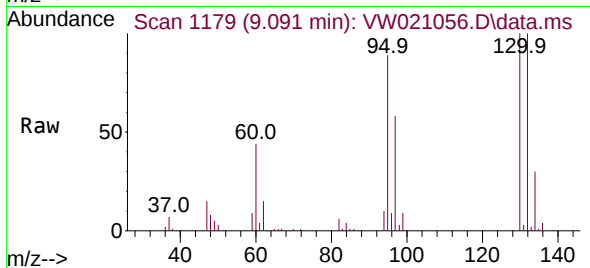
Tgt Ion: 78 Resp: 127761





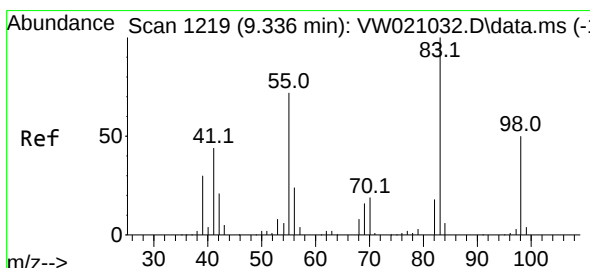
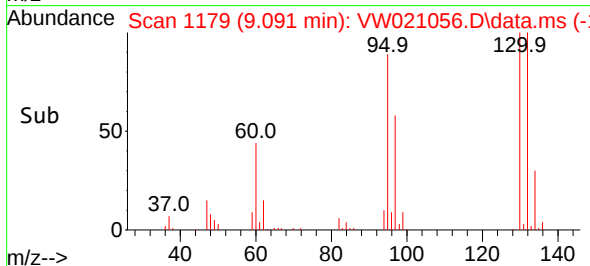
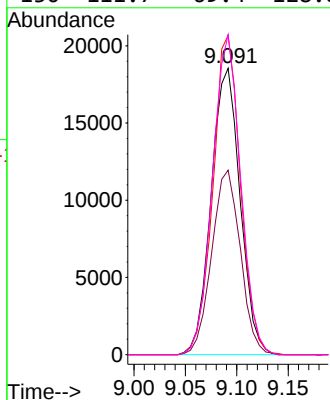
#34
Trichloroethene
Concen: 26.269 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 36358

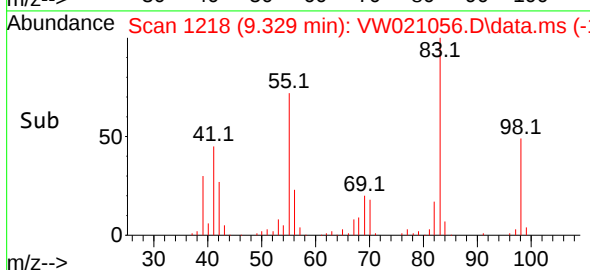
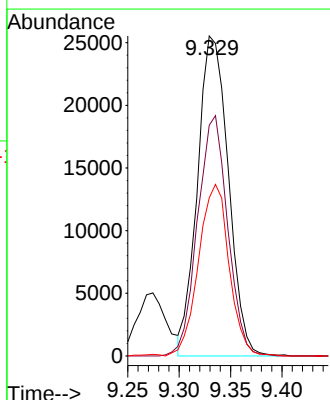
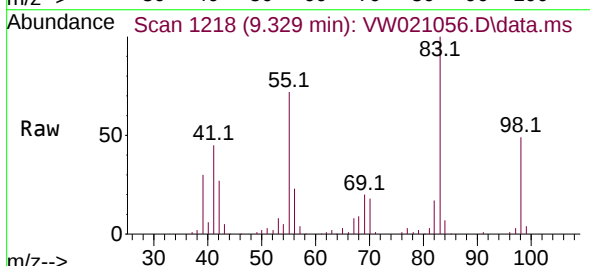
Ion	Ratio	Lower	Upper
95	100		
97	64.4	47.0	87.2
132	111.5	65.5	121.6
130	111.7	69.4	128.8

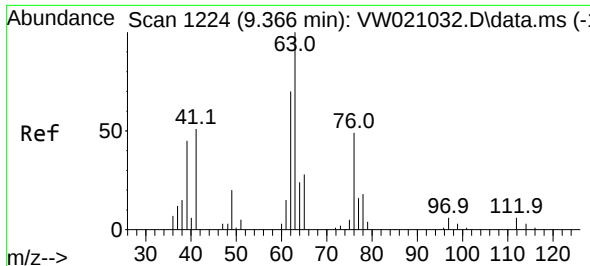


#35
Methylcyclohexane
Concen: 23.390 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 83 Resp: 53375

Ion	Ratio	Lower	Upper
83	100		
55	73.2	70.8	106.2
98	53.0	37.7	56.5

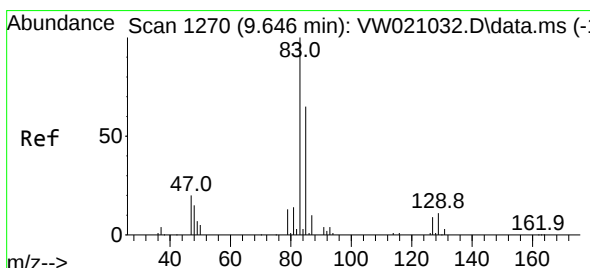
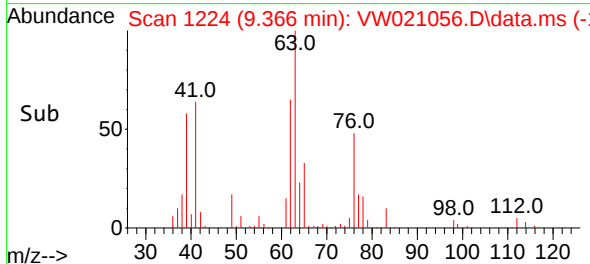
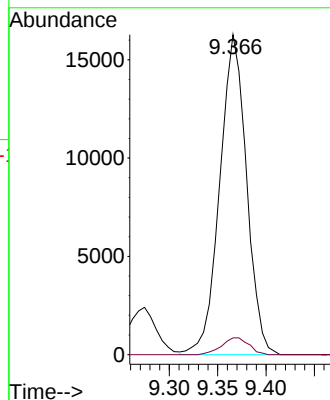
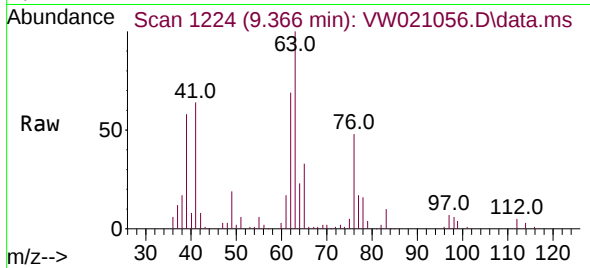




#37
1,2-Dichloropropane
Concen: 27.246 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

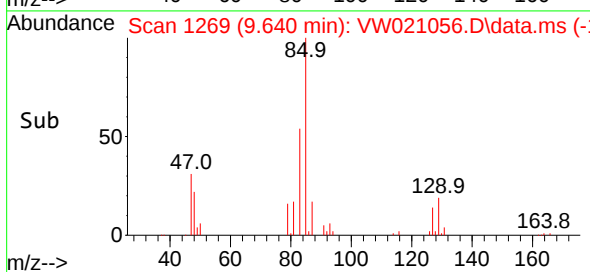
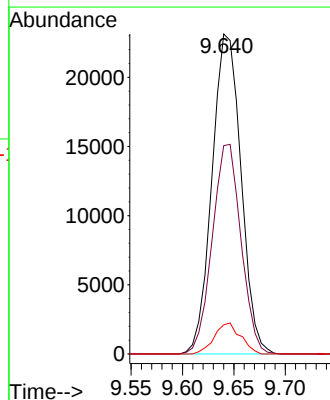
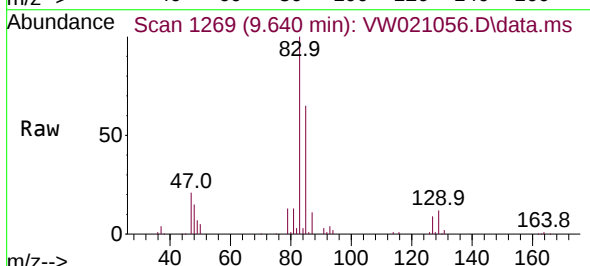
Instrument :
MSVOA_W
ClientSampleId :

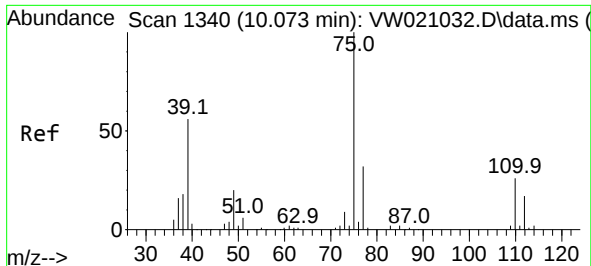
Tgt Ion: 63 Resp: 31378
Ion Ratio Lower Upper
63 100
112 5.4 3.2 4.8#



#38
Bromodichloromethane
Concen: 27.478 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 83 Resp: 45413
Ion Ratio Lower Upper
83 100
85 65.1 44.1 81.9
127 9.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 27.184 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

Instrument :

MSVOA_W

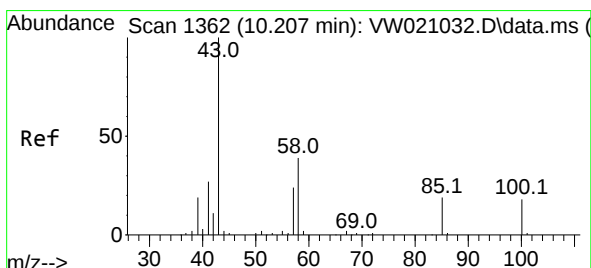
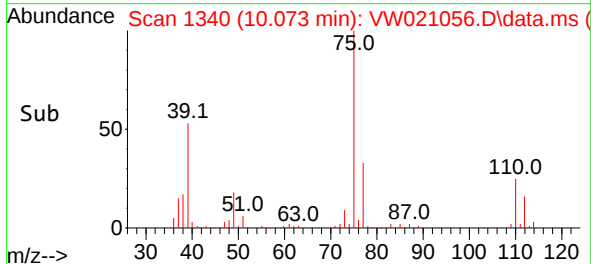
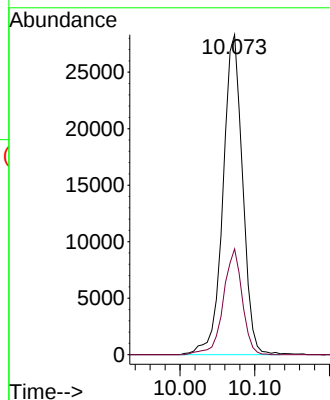
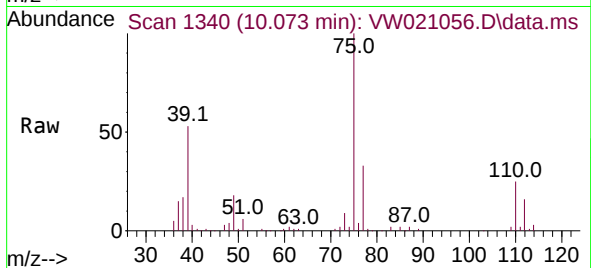
ClientSampleId :

Tgt Ion: 75 Resp: 51689

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 60.939 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

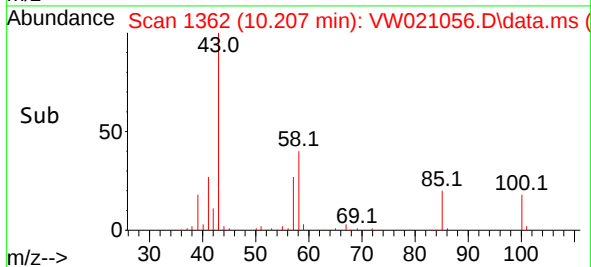
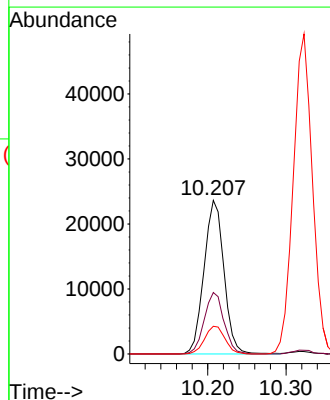
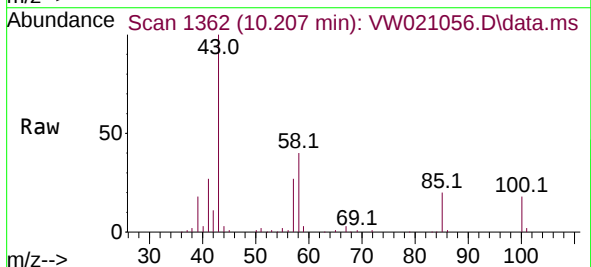
Tgt Ion: 43 Resp: 41771

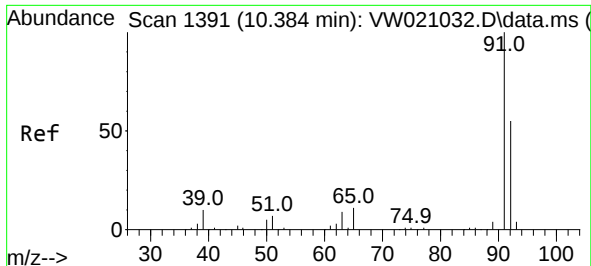
Ion Ratio Lower Upper

43 100

58 39.5 28.8 43.2

100 18.3 10.0 15.0#

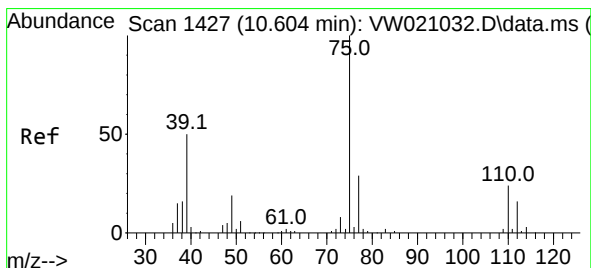
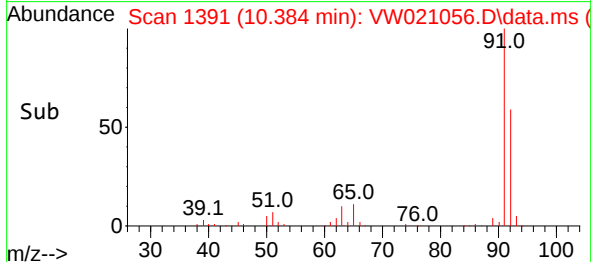
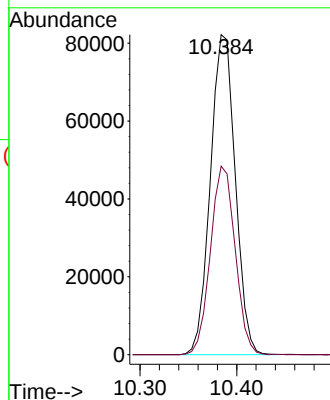
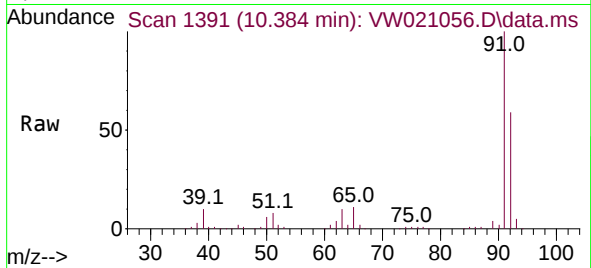




#42
Toluene
Concen: 26.465 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

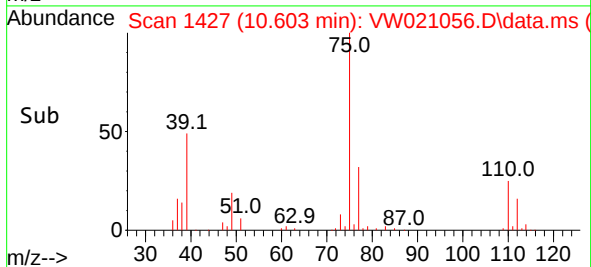
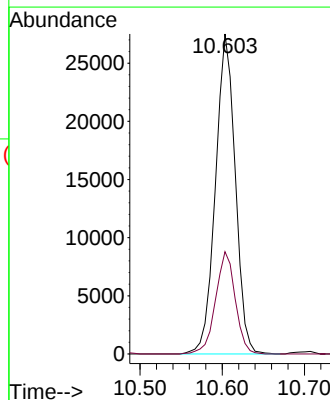
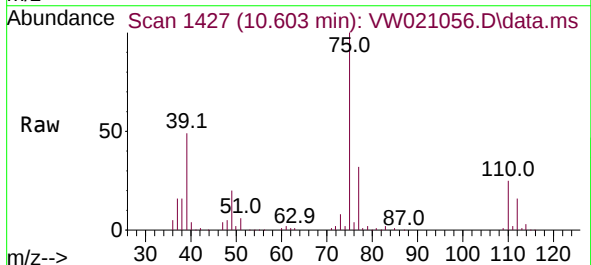
Instrument :
MSVOA_W
ClientSampleId :

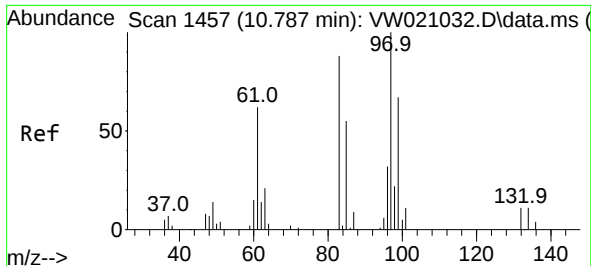
Tgt Ion: 91 Resp: 147302
Ion Ratio Lower Upper
91 100
92 58.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 27.590 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

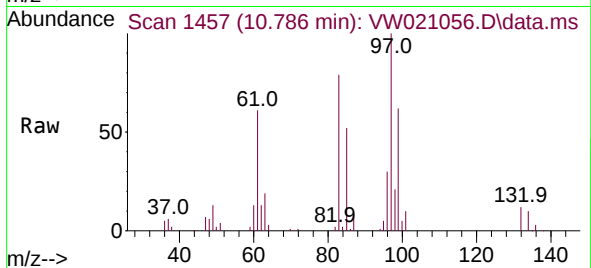
Tgt Ion: 75 Resp: 46106
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2



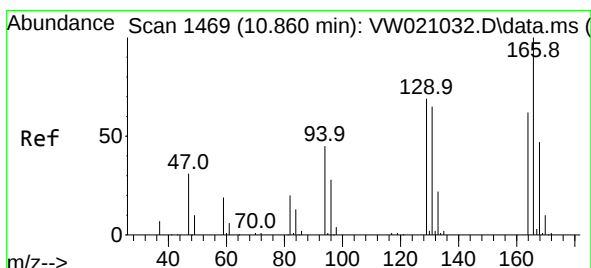
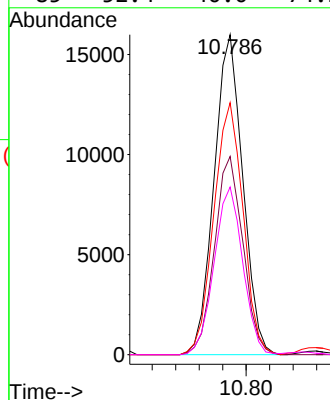
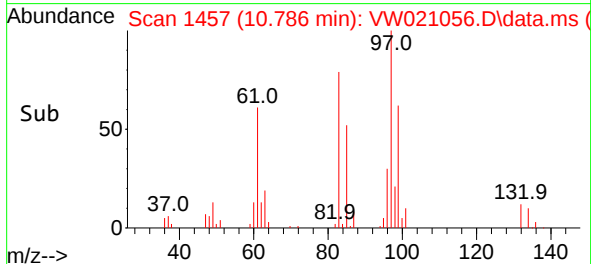


#45
1,1,2-Trichloroethane
Concen: 30.297 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

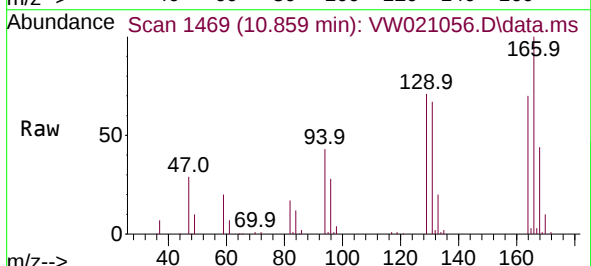
Instrument :
MSVOA_W
ClientSampleId :



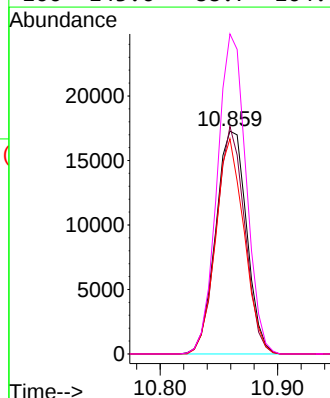
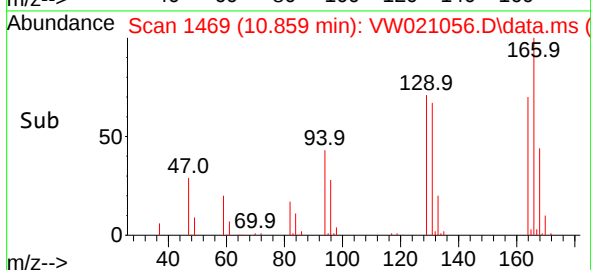
Tgt Ion:	97	Resp:	27136
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.0	79.8
83	78.7	62.6	116.3
85	52.4	40.0	74.2

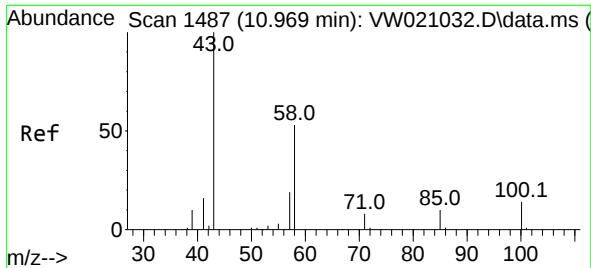


#46
Tetrachloroethene
Concen: 24.850 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12



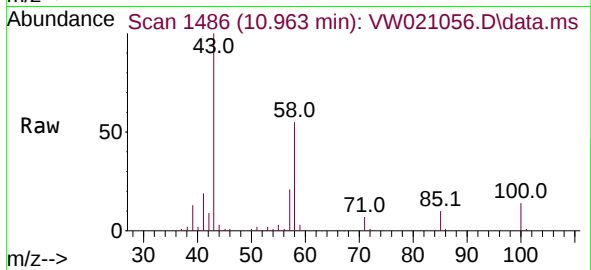
Tgt Ion:	164	Resp:	31580
Ion	Ratio	Lower	Upper
164	100		
129	102.1	65.5	121.7
131	96.6	59.7	110.9
166	143.6	88.7	164.7



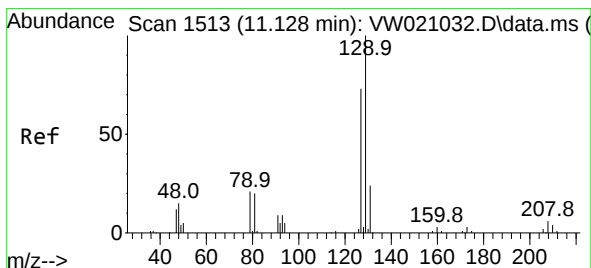
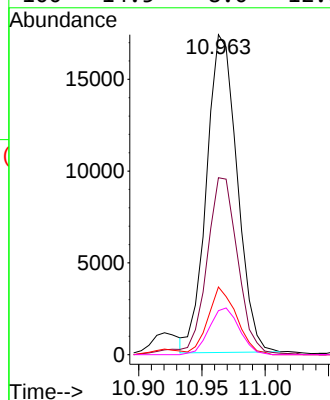
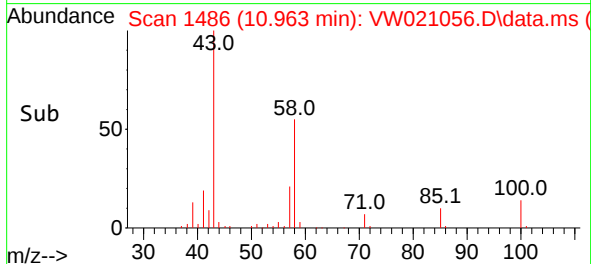


#48
2-Hexanone
Concen: 61.352 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Instrument :
MSVOA_W
ClientSampleId :

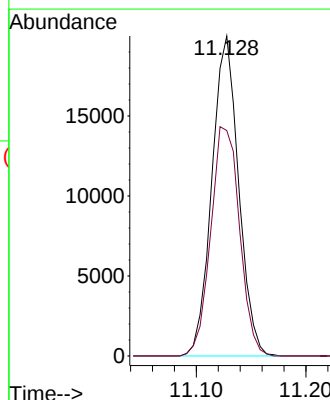
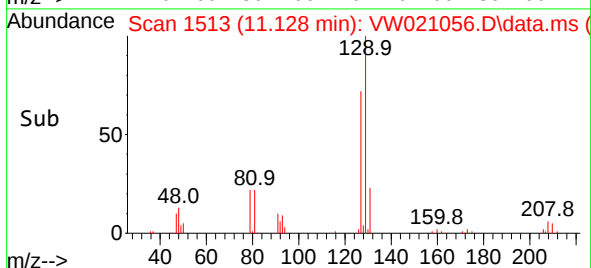
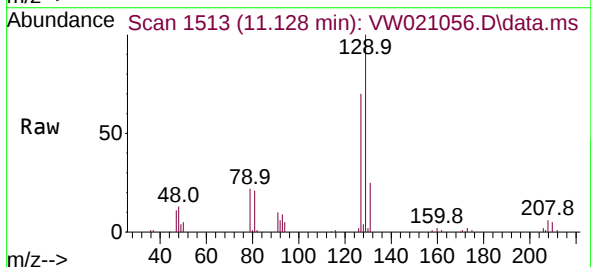


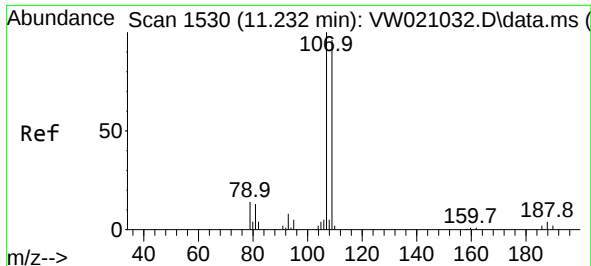
Tgt Ion: 43 Resp: 29130
Ion Ratio Lower Upper
43 100
58 55.6 40.2 60.2
57 19.8 14.3 21.5
100 14.5 8.0 12.0#



#49
Dibromochloromethane
Concen: 27.416 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 129 Resp: 33854
Ion Ratio Lower Upper
129 100
127 70.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 29.908 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

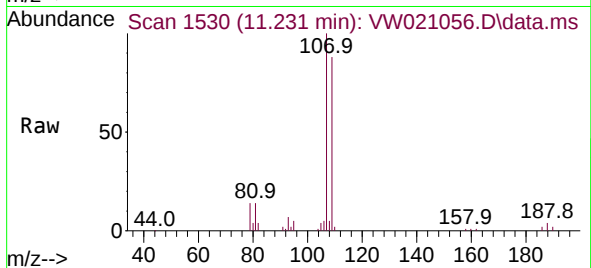
Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

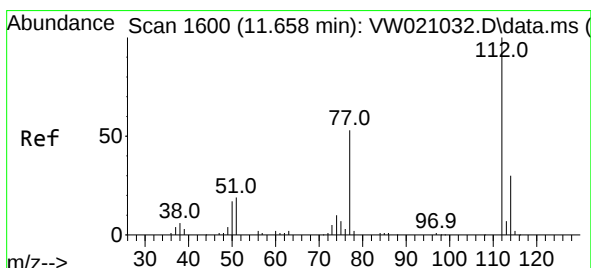
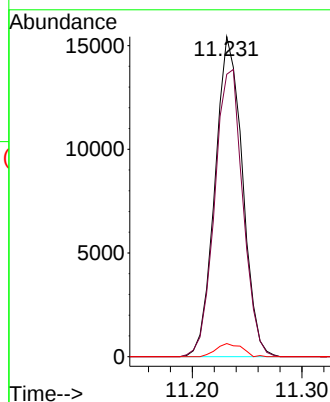
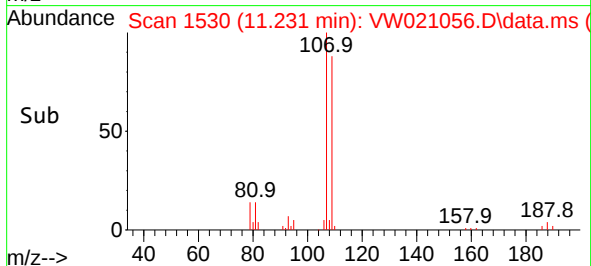
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	26857
Ion	Ratio	Lower	Upper
107	100		
109	88.3	64.1	119.1
188	4.1	2.6	3.8#



#51

Chlorobenzene

Concen: 27.292 ug/L

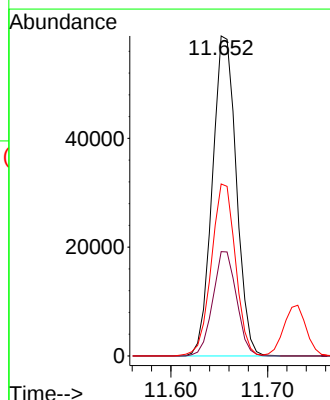
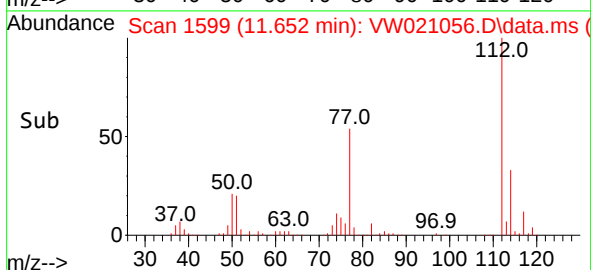
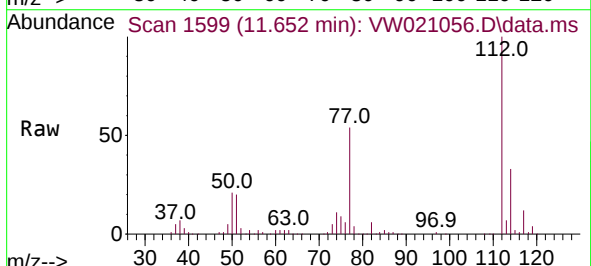
RT: 11.652 min Scan# 1599

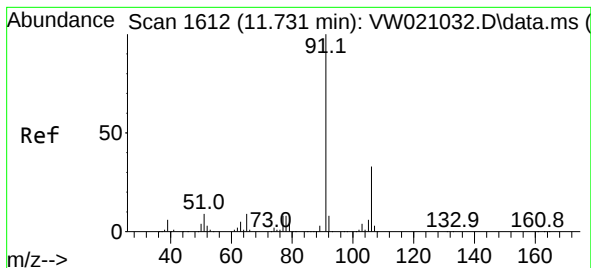
Delta R.T. -0.006 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

Tgt Ion:	112	Resp:	101031
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.4	41.6
77	53.8	50.2	75.4

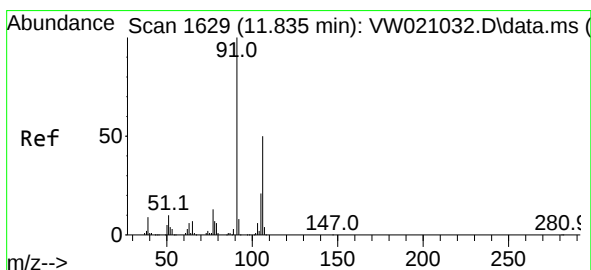
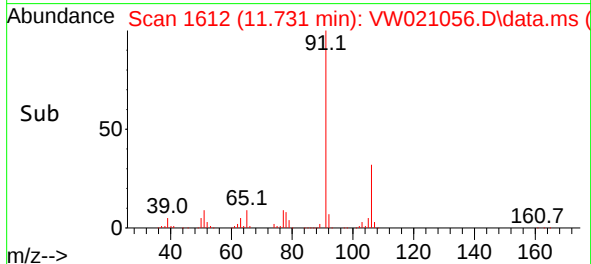
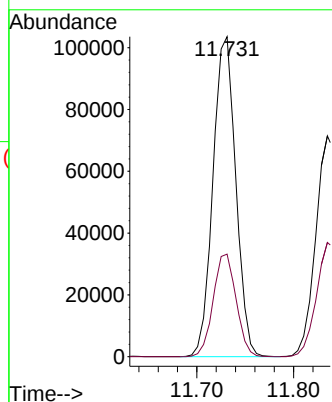
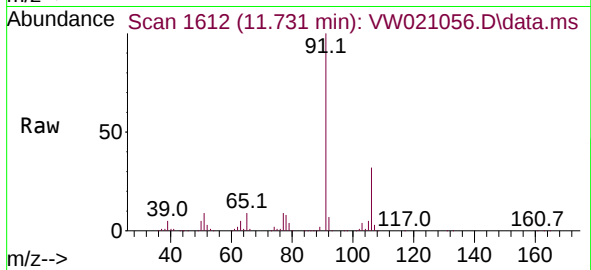




#52
Ethylbenzene
Concen: 27.513 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

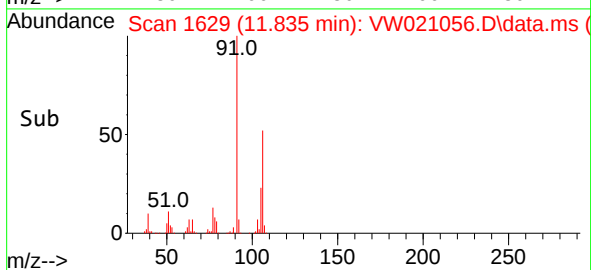
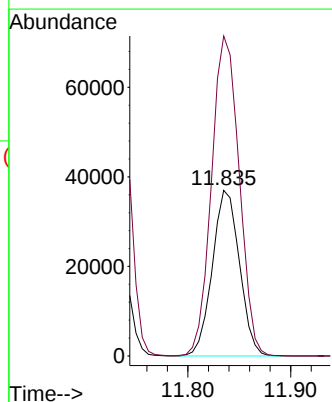
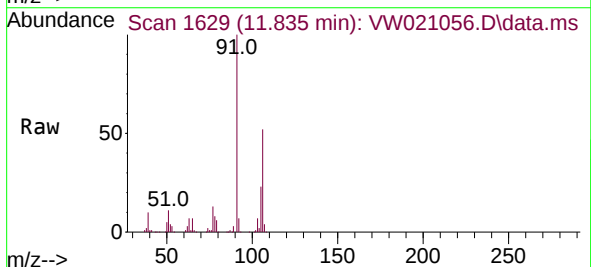
Instrument :
MSVOA_W
ClientSampleId :

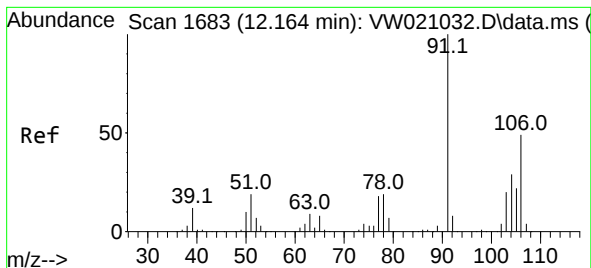
Tgt Ion: 91 Resp: 169688
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 26.881 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion:106 Resp: 67688
Ion Ratio Lower Upper
106 100
91 193.2 149.9 278.3





#54

o-Xylene

Concen: 27.232 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

Instrument :

MSVOA_W

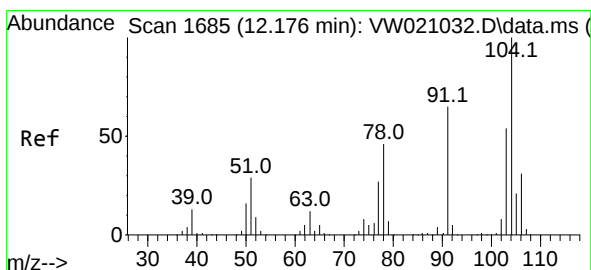
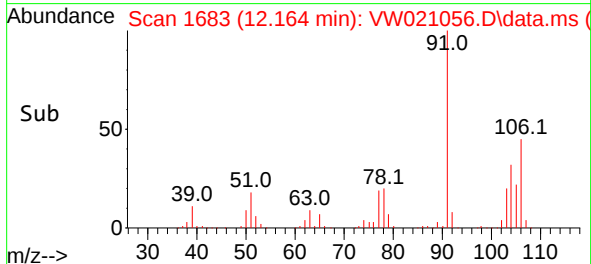
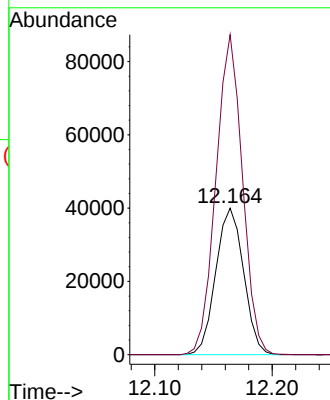
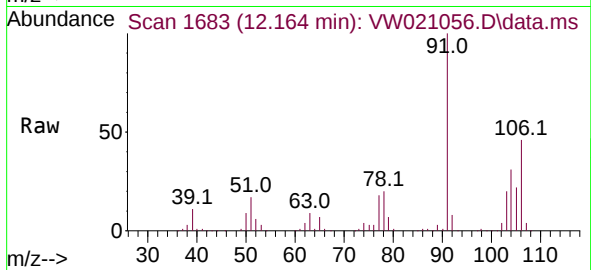
ClientSampleId :

Tgt Ion:106 Resp: 65855

Ion Ratio Lower Upper

106 100

91 218.3 153.6 285.3



#55

Styrene

Concen: 27.687 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW021056.D

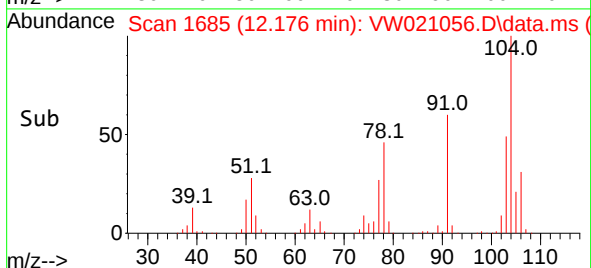
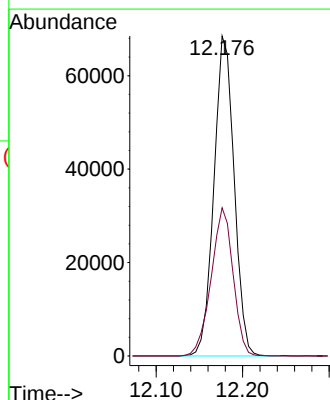
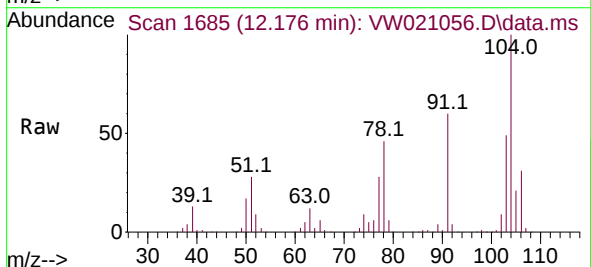
Acq: 02 Dec 2021 20:12

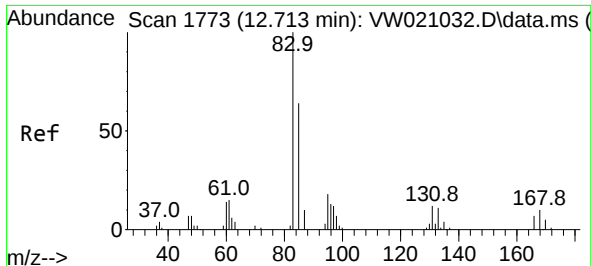
Tgt Ion:104 Resp: 111178

Ion Ratio Lower Upper

104 100

78 46.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 32.204 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021056.D

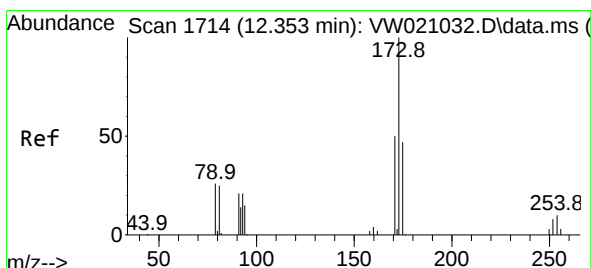
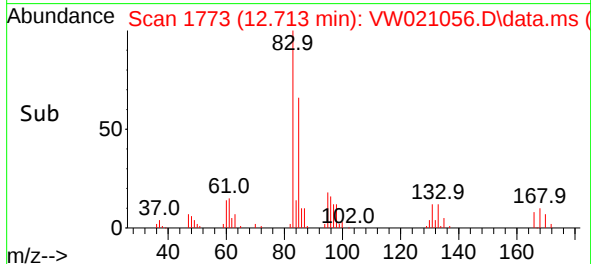
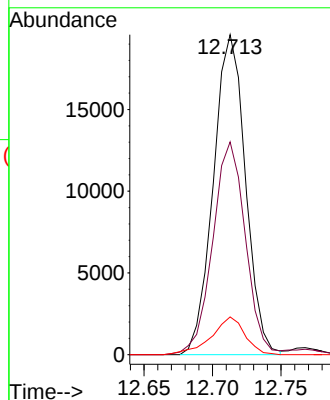
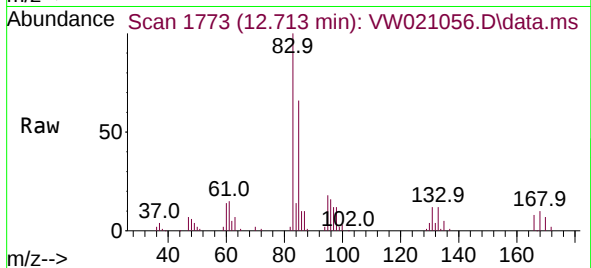
Acq: 02 Dec 2021 20:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	31970
Ion Ratio	Lower	Upper	
83	100		
85	66.5	44.0	81.6
131	11.8	6.9	10.3#



#59

Bromoform

Concen: 23.509 ug/L

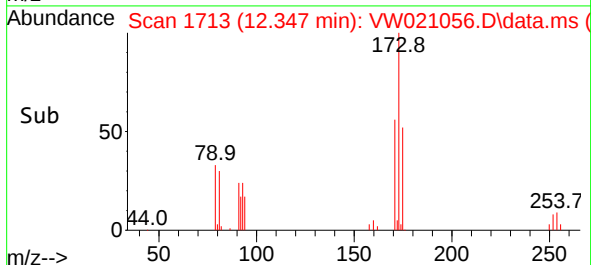
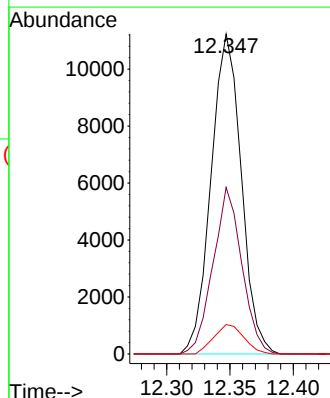
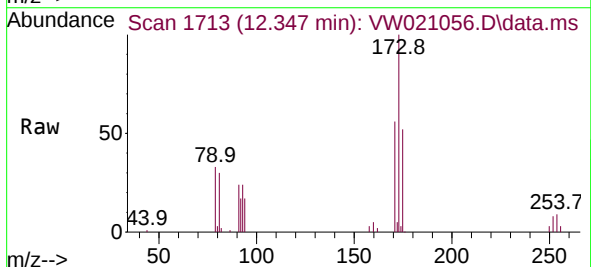
RT: 12.347 min Scan# 1713

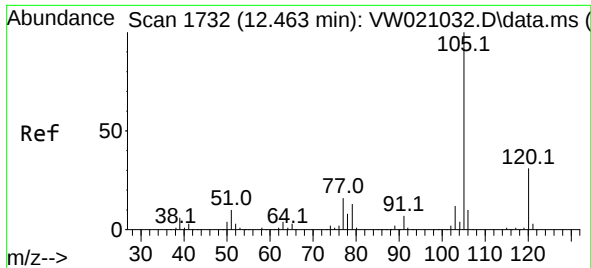
Delta R.T. -0.006 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

Tgt Ion:	173	Resp:	18644
Ion Ratio	Lower	Upper	
173	100		
175	49.7	39.6	59.4
254	9.2	7.4	11.0

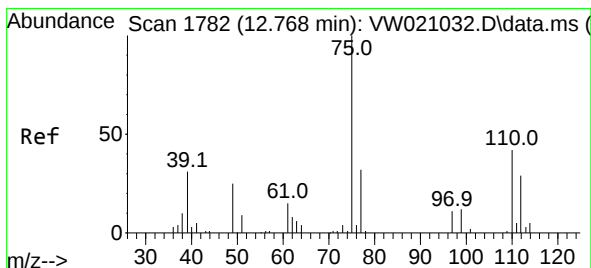
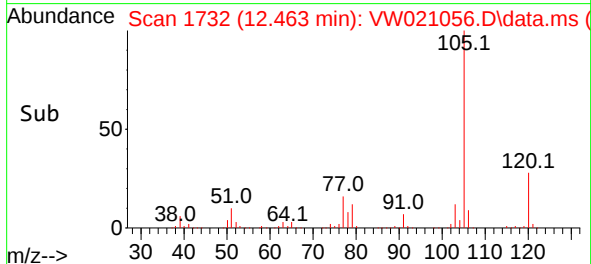
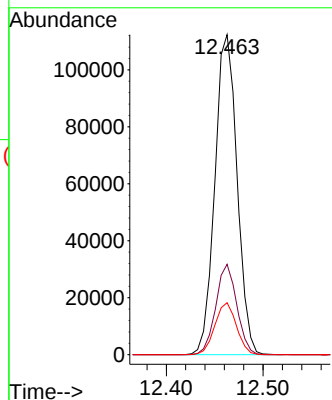
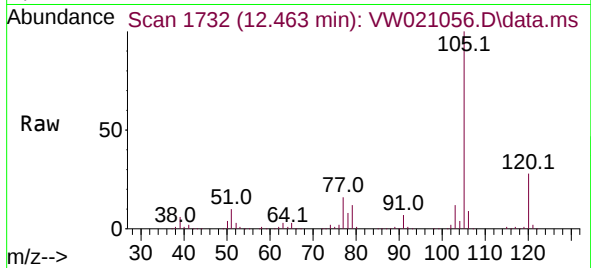




#60
Isopropylbenzene
Concen: 24.704 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

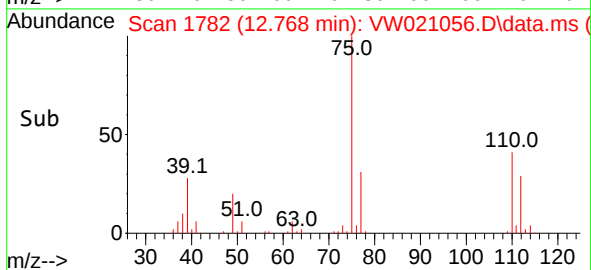
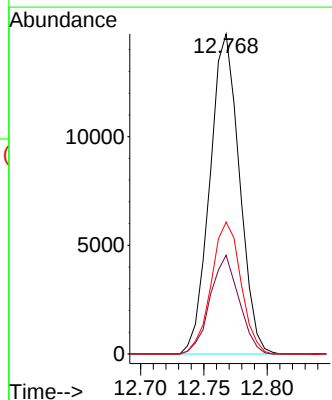
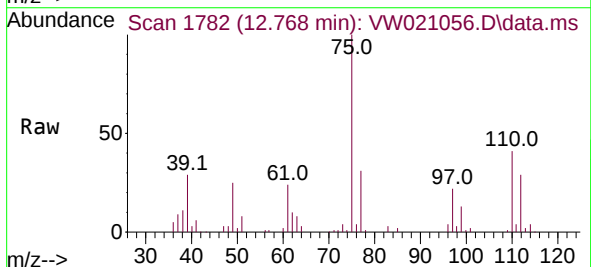
Instrument :
MSVOA_W
ClientSampleId :

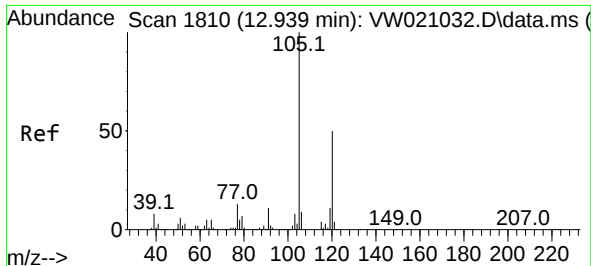
Tgt Ion:105 Resp: 178966
Ion Ratio Lower Upper
105 100
120 26.8 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 30.722 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion: 75 Resp: 23969
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.8
110 41.3 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 24.824 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021056.D

Acq: 02 Dec 2021 20:12

Instrument :

MSVOA_W

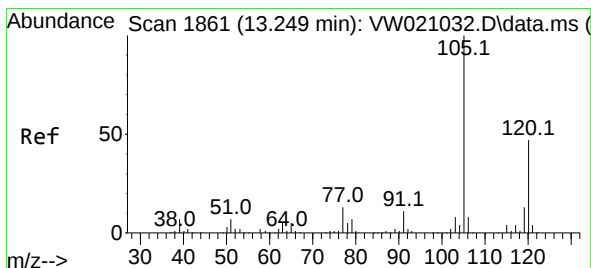
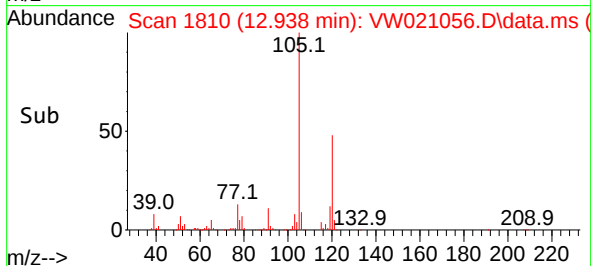
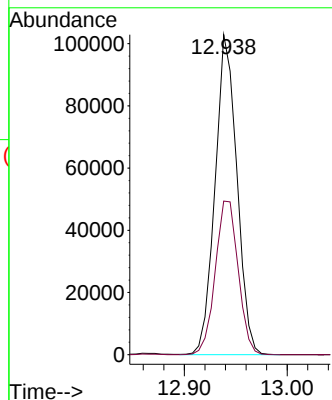
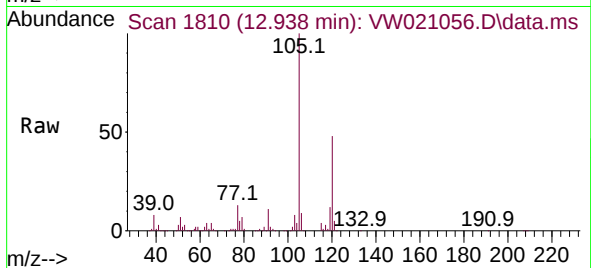
ClientSampleId :

Tgt Ion:105 Resp: 151710

Ion Ratio Lower Upper

105 100

120 50.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.057 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021056.D

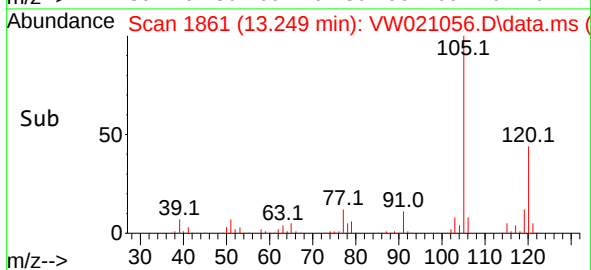
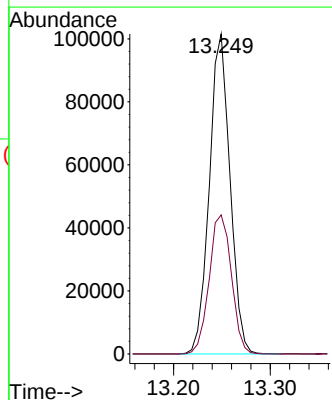
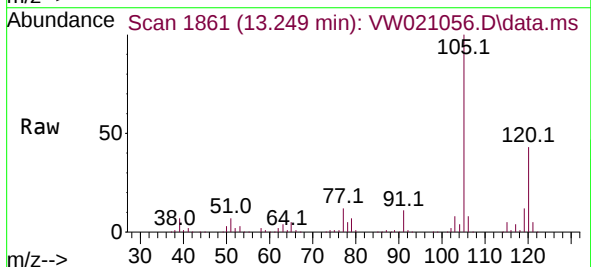
Acq: 02 Dec 2021 20:12

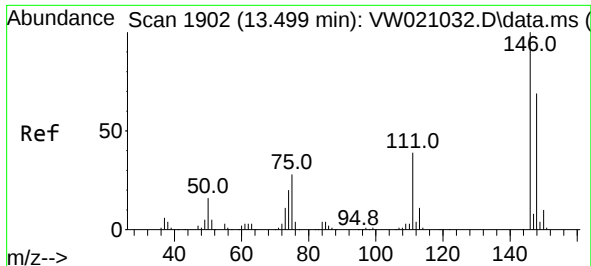
Tgt Ion:105 Resp: 151088

Ion Ratio Lower Upper

105 100

120 46.6 35.0 52.6

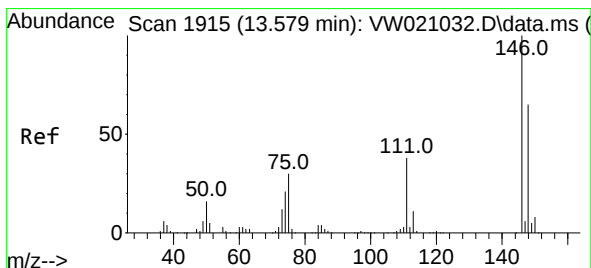
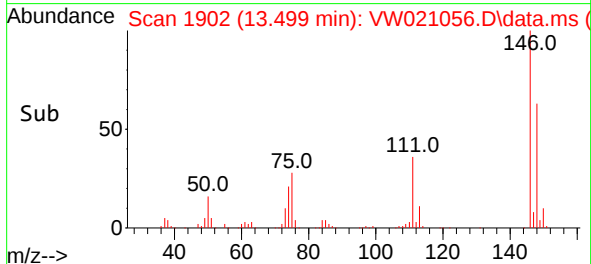
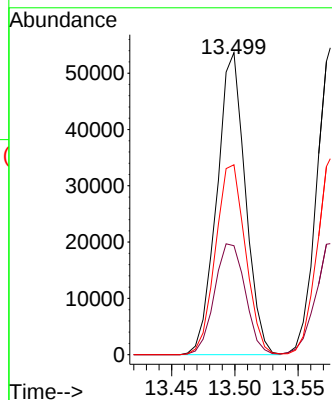
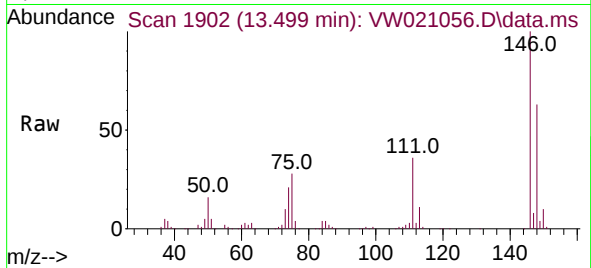




#64
1,3-Dichlorobenzene
Concen: 24.780 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

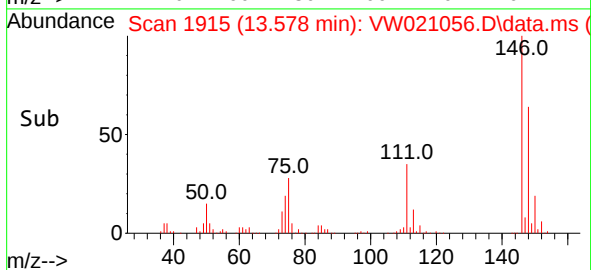
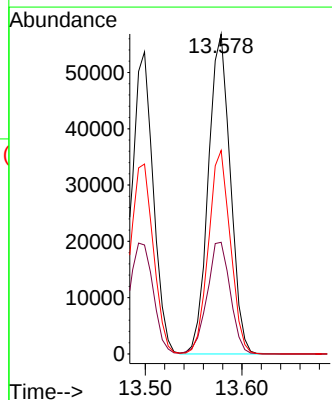
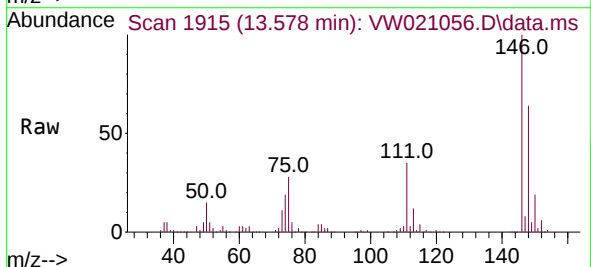
Instrument :
MSVOA_W
ClientSampleId :

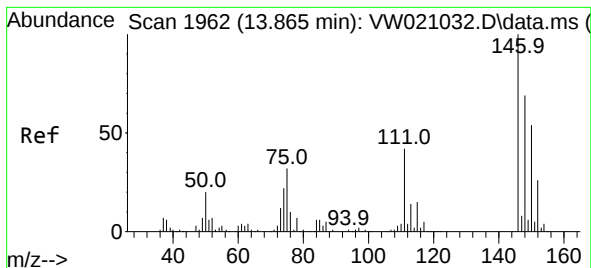
Tgt Ion:146 Resp: 84164
Ion Ratio Lower Upper
146 100
111 36.1 29.8 55.3
148 62.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 26.232 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion:146 Resp: 89875
Ion Ratio Lower Upper
146 100
111 34.9 29.0 53.9
148 63.6 46.9 87.1

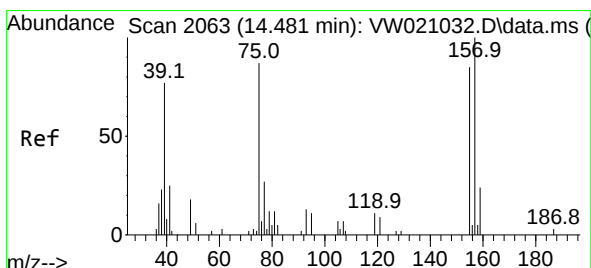
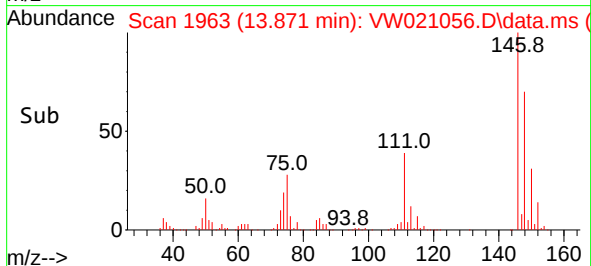
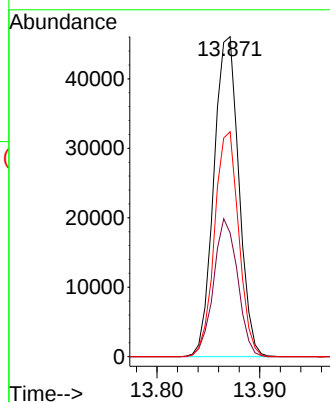
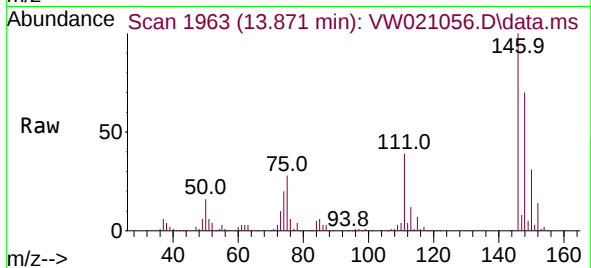




#67
1,2-Dichlorobenzene
Concen: 25.984 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

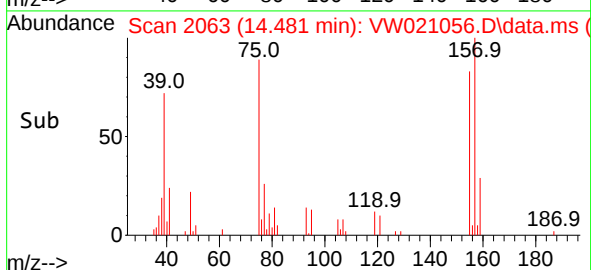
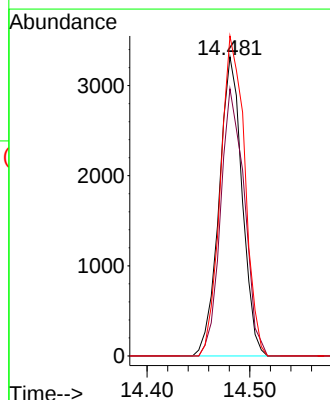
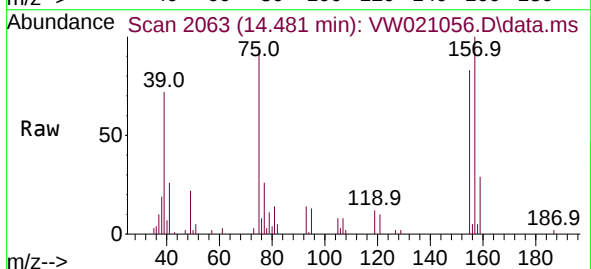
Instrument :
MSVOA_W
ClientSampleId :

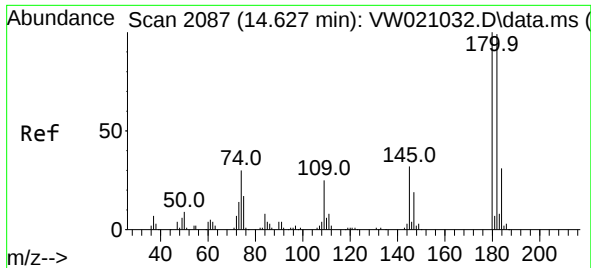
Tgt Ion:146 Resp: 77770
Ion Ratio Lower Upper
146 100
111 38.6 33.1 49.7
148 70.3 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 27.680 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

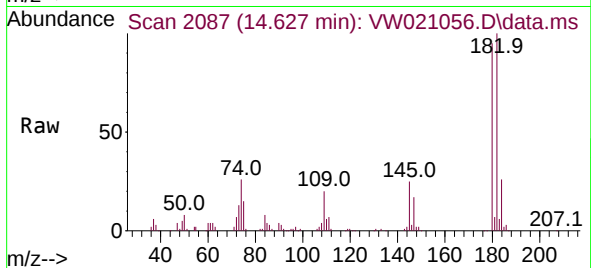
Tgt Ion: 75 Resp: 5163
Ion Ratio Lower Upper
75 100
155 89.3 54.2 81.2#
157 107.0 69.4 104.2#



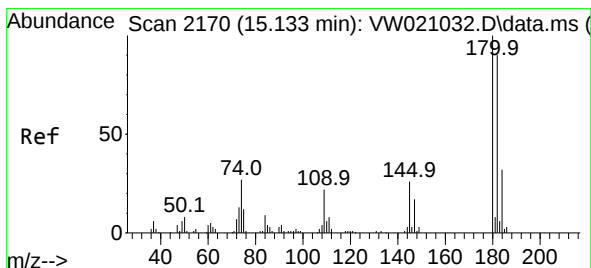
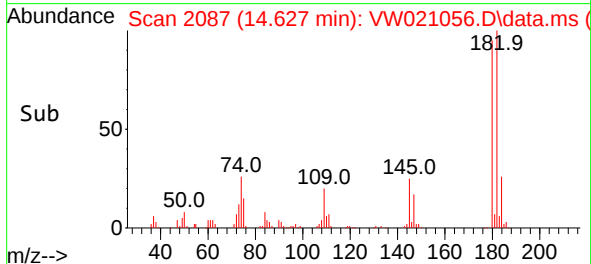
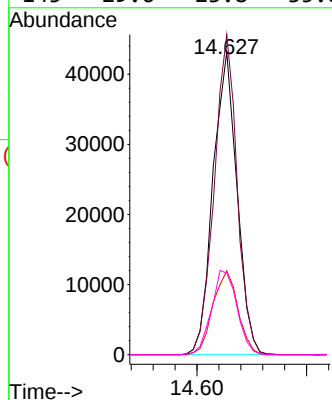


#69
 1,3,5-Trichlorobenzene
 Concen: 24.400 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021056.D
 Acq: 02 Dec 2021 20:12

Instrument :
 MSVOA_W
 ClientSampleId :

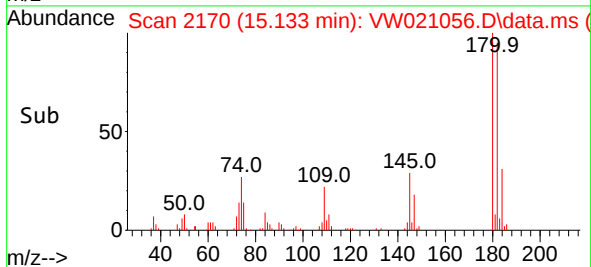
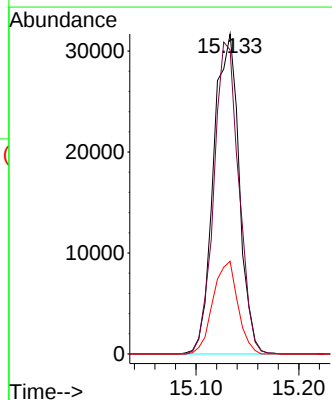
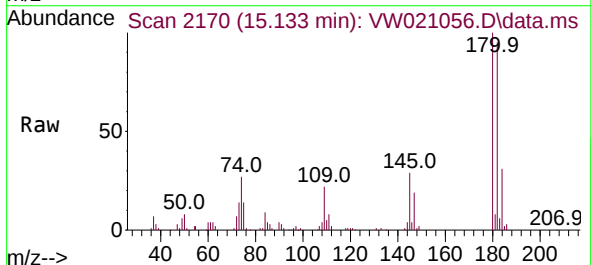


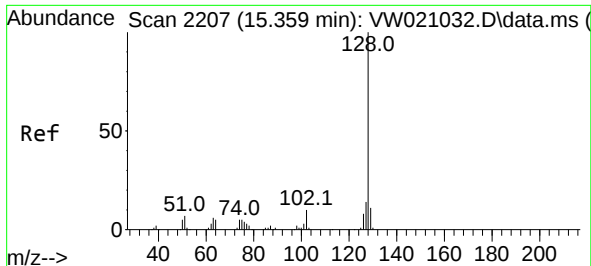
Tgt Ion:180 Resp: 65640
 Ion Ratio Lower Upper
 180 100
 182 101.0 75.4 113.0
 184 28.9 23.8 35.8
 145 29.6 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.836 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VW021056.D
 Acq: 02 Dec 2021 20:12

Tgt Ion:180 Resp: 54659
 Ion Ratio Lower Upper
 180 100
 182 95.2 79.0 118.6
 145 28.1 26.0 39.0

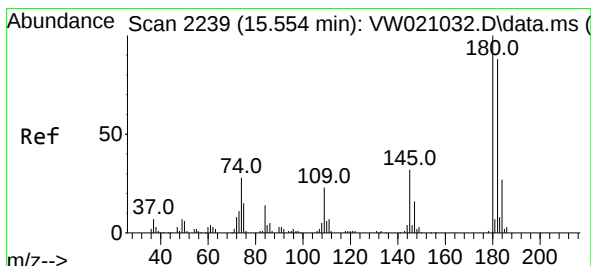
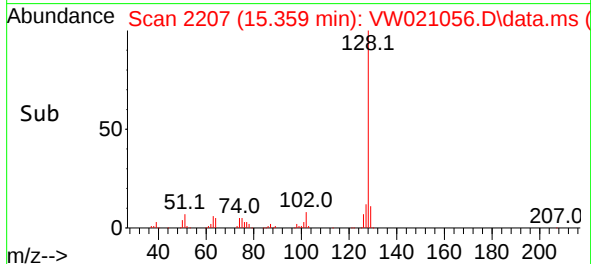
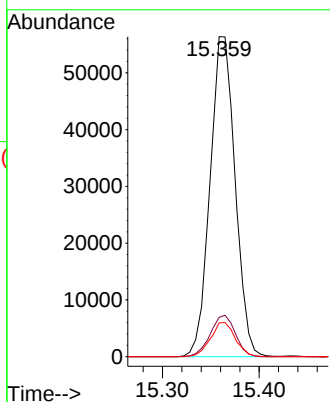
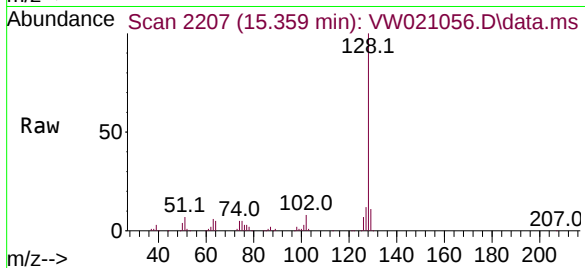




#71
Naphthalene
Concen: 28.321 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 101561
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.898 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW021056.D
Acq: 02 Dec 2021 20:12

Tgt Ion:180 Resp: 46239
Ion Ratio Lower Upper
180 100
182 93.6 76.6 114.8
145 31.1 27.4 41.0

