

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021136.D
 Acq On : 04 Dec 2021 23:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 04:28:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	123731	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	122418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41990	24.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.885	69	29625	25.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.680%
11) 1,1-Dichloroethene-d2	4.019	63	71800	26.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.280%
21) 2-Butanone-d5	7.080	46	17299	43.994	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.980%
24) Chloroform-d	7.653	84	82672	26.680	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.720%
26) 1,2-Dichloroethane-d4	8.305	65	44828	26.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.760%
32) Benzene-d6	8.275	84	153924	24.591	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.360%
36) 1,2-Dichloropropane-d6	9.274	67	43789	25.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.680%
41) Toluene-d8	10.323	98	163084	25.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.640%
43) trans-1,3-Dichloroprop...	10.579	79	20356	25.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.080%
47) 2-Hexanone-d5	10.927	63	15131	45.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40969	25.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	65333	25.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12357	20.446	ug/L	100
3) Chloromethane	2.215	50	32827	24.262	ug/L	98
5) Vinyl chloride	2.361	62	53264	22.661	ug/L	94
6) Bromomethane	2.776	94	33019	21.127	ug/L	95
8) Chloroethane	2.922	64	23447	23.936	ug/L	95
9) Trichlorofluoromethane	3.257	101	29943	26.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39725	22.362	ug/L	92
12) 1,1-Dichloroethene	4.038	96	36888	22.968	ug/L	84
13) Acetone	4.135	43	10953	30.579	ug/L	79
14) Carbon disulfide	4.379	76	103967	23.322	ug/L	98
15) Methyl Acetate	4.672	43	13832	21.298	ug/L	# 90
16) Methylene chloride	4.915	84	39967	20.503	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	40956	23.951	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	63864	24.745	ug/L	# 84
19) 1,1-Dichloroethane	6.220	63	66029	24.351	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	44168	24.347	ug/L	78
22) 2-Butanone	7.171	43	17727	35.763	ug/L	84
23) Bromochloromethane	7.519	128	20791	24.494	ug/L	# 63
25) Chloroform	7.677	83	75246	24.722	ug/L	100

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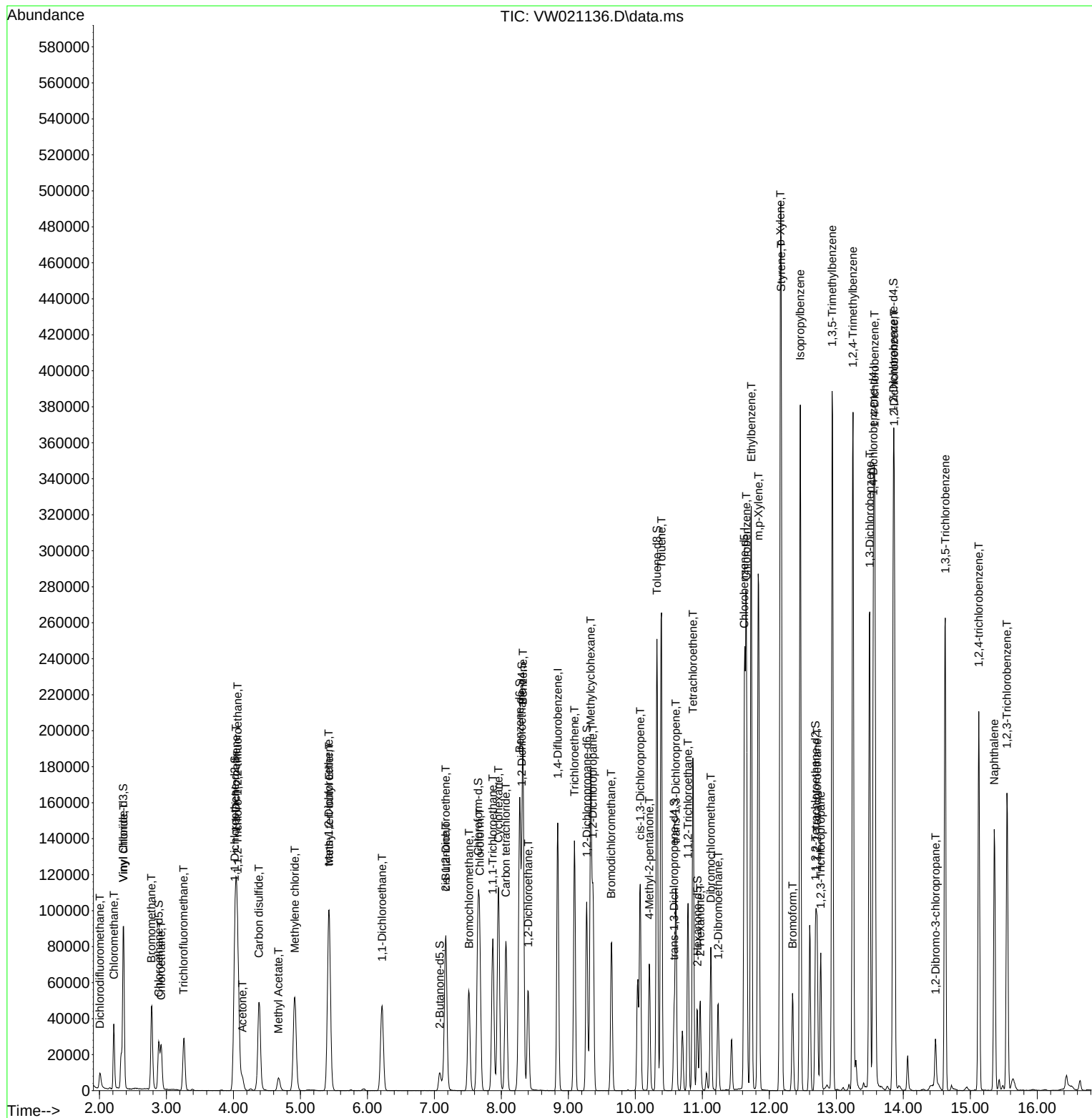
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	50935	25.582	ug/L	97
29) Cyclohexane	7.958	56	59114	21.889	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	67178	23.536	ug/L	95
31) Carbon tetrachloride	8.067	117	62571	23.591	ug/L	98
33) Benzene	8.323	78	159228	22.873	ug/L	100
34) Trichloroethene	9.091	95	44461	23.150	ug/L	88
35) Methylcyclohexane	9.335	83	71932	22.251	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	36083	22.933	ug/L #	96
38) Bromodichloromethane	9.640	83	53645	24.254	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61771	24.271	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	43642	40.716	ug/L #	92
42) Toluene	10.390	91	195125	24.540	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	55853	24.257	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	31436	23.831	ug/L	93
46) Tetrachloroethene	10.859	164	40948	23.284	ug/L	96
48) 2-Hexanone	10.969	43	29634	38.325	ug/L #	92
49) Dibromochloromethane	11.128	129	40099	24.322	ug/L	98
50) 1,2-Dibromoethane	11.237	107	31027	23.064	ug/L #	99
51) Chlorobenzene	11.658	112	130655	24.592	ug/L	92
52) Ethylbenzene	11.731	91	232213	25.942	ug/L	98
53) m,p-Xylene	11.841	106	91553	24.724	ug/L	96
54) o-Xylene	12.164	106	89008	25.494	ug/L	98
55) Styrene	12.176	104	153363	25.782	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	37657	23.734	ug/L #	93
59) Bromoform	12.347	173	24389	23.648	ug/L	97
60) Isopropylbenzene	12.463	105	238924	23.772	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	28477	23.507	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	211672	25.149	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	207667	24.532	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	110576	23.366	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	111153	23.240	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	97406	23.117	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6636	24.258	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	79279	22.794	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	67144	23.494	ug/L	93
71) Naphthalene	15.359	128	124082	23.355	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	54799	21.970	ug/L	99

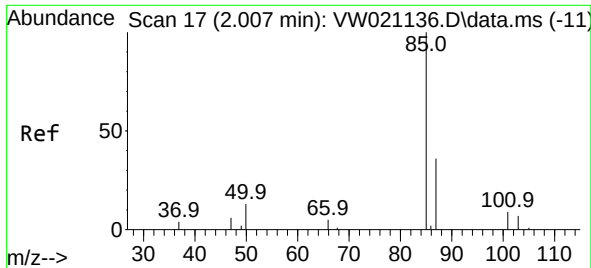
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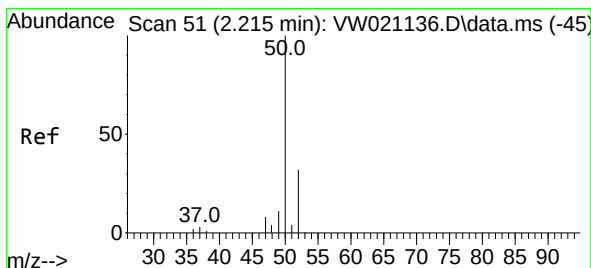
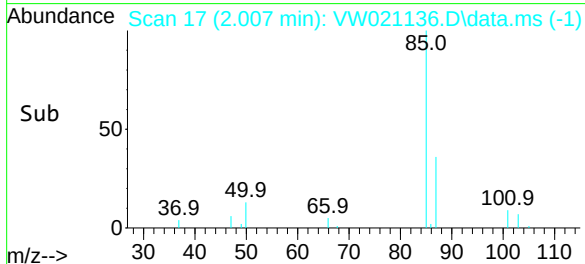
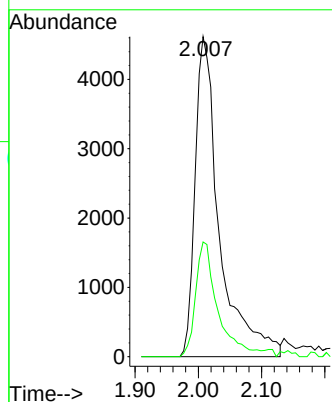
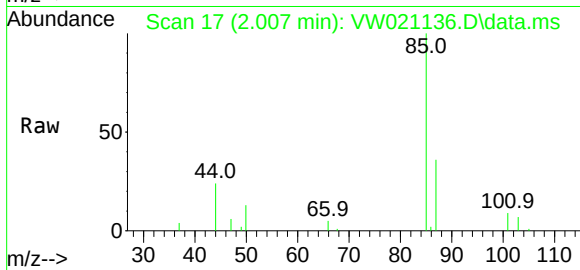




#2
 Dichlorodifluoromethane
 Concen: 20.446 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021136.D
 Acq: 04 Dec 2021 23:26

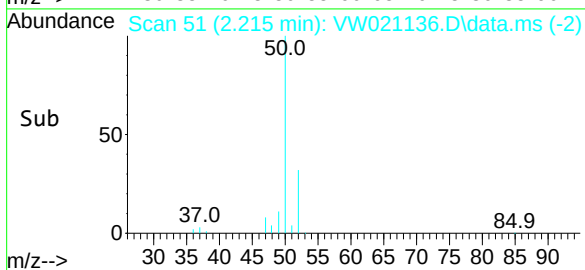
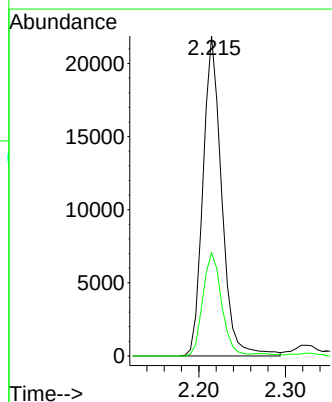
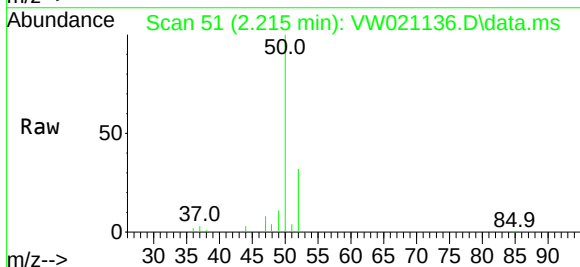
Instrument :
 MSVOA_W
 ClientSampleId :

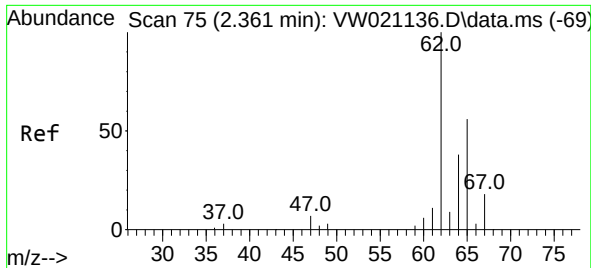
Tgt Ion: 85 Resp: 12357
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 24.262 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021136.D
 Acq: 04 Dec 2021 23:26

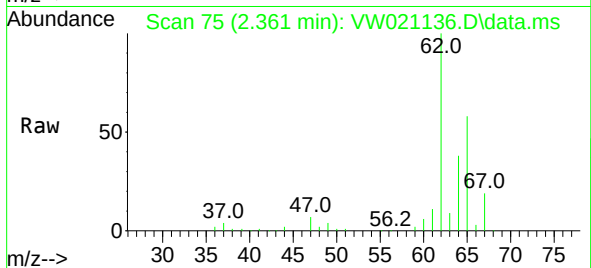
Tgt Ion: 50 Resp: 32827
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6



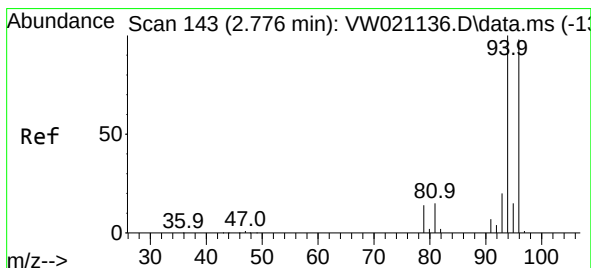
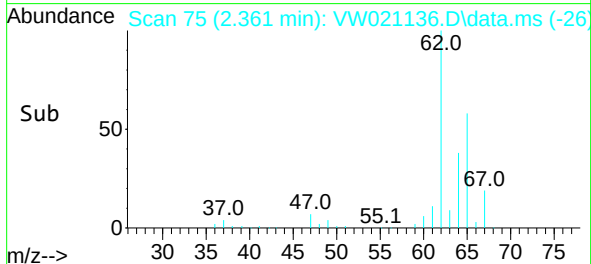
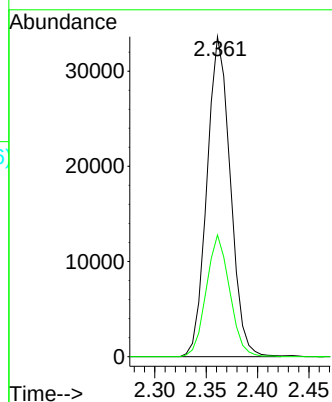


#5
 Vinyl chloride
 Concen: 22.661 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021136.D
 Acq: 04 Dec 2021 23:26

Instrument :
 MSVOA_W
 ClientSampleId :

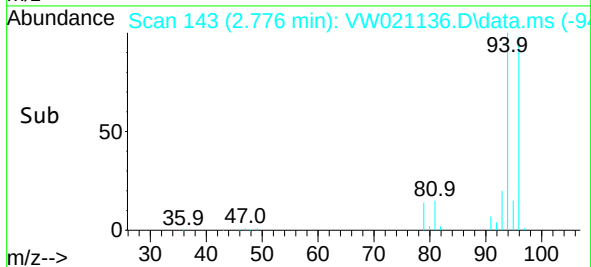
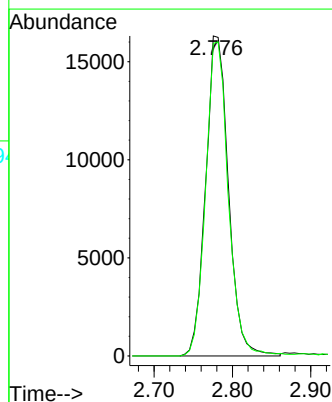
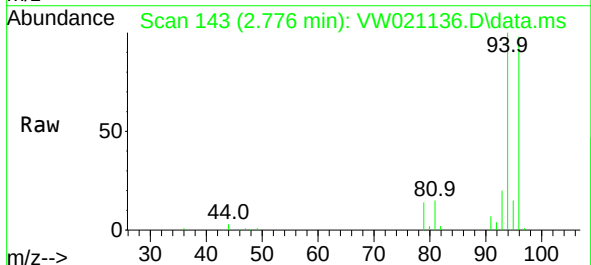


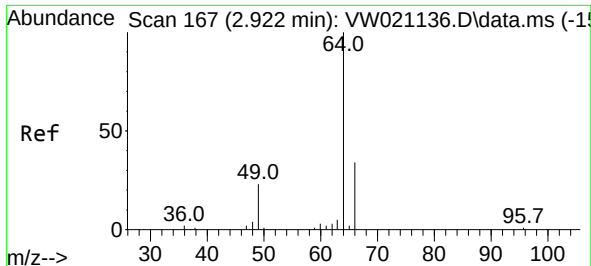
Tgt Ion: 62 Resp: 53264
 Ion Ratio Lower Upper
 62 100
 64 38.0 24.4 45.2



#6
 Bromomethane
 Concen: 21.127 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021136.D
 Acq: 04 Dec 2021 23:26

Tgt Ion: 94 Resp: 33019
 Ion Ratio Lower Upper
 94 100
 96 97.6 64.8 120.4

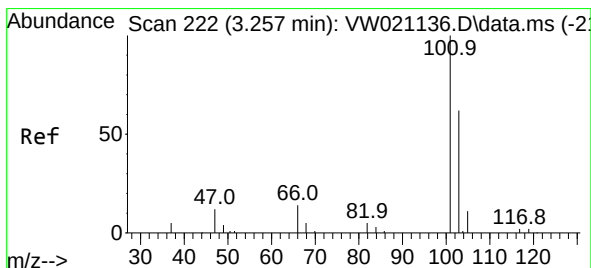
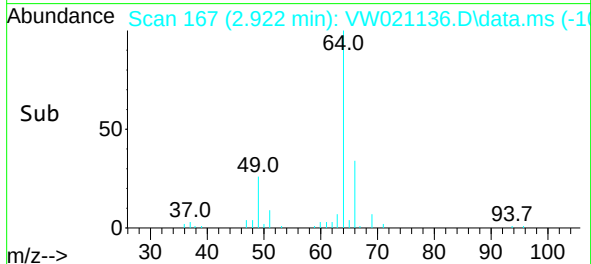
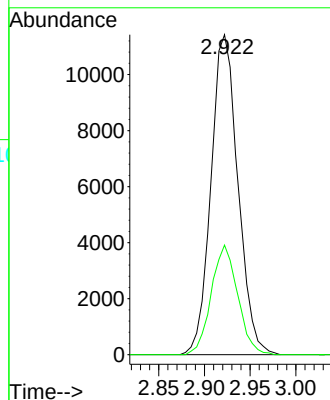
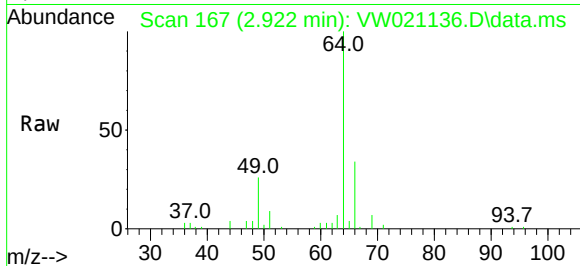




#8
Chloroethane
Concen: 23.936 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

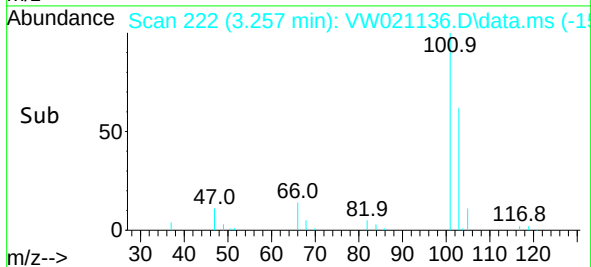
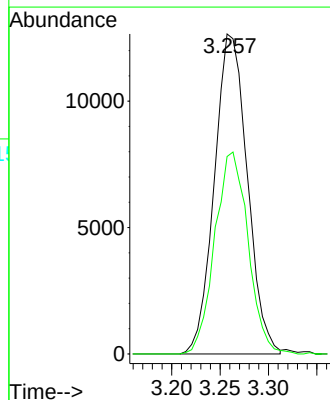
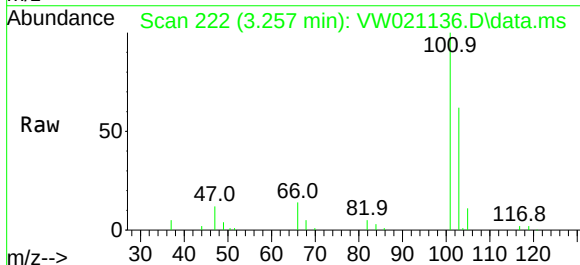
Instrument :
MSVOA_W
ClientSampleId :

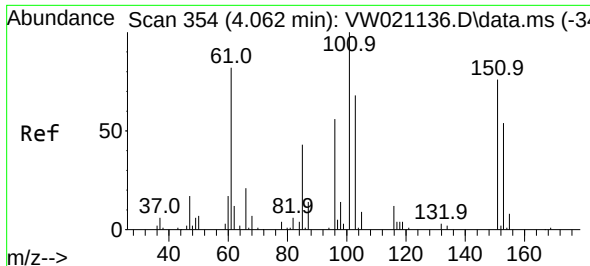
Tgt Ion: 64 Resp: 23447
Ion Ratio Lower Upper
64 100
66 34.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.383 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 101 Resp: 29943
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

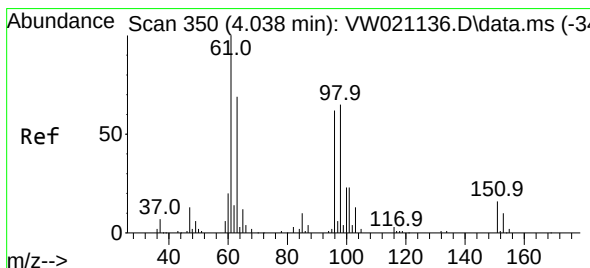
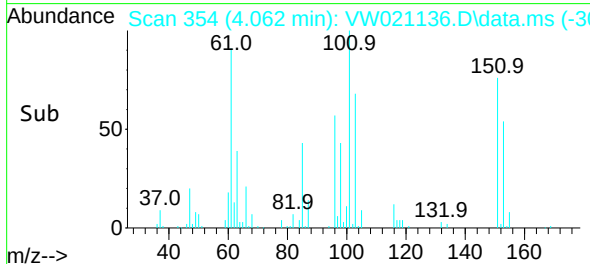
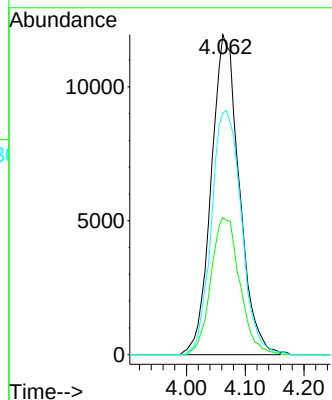
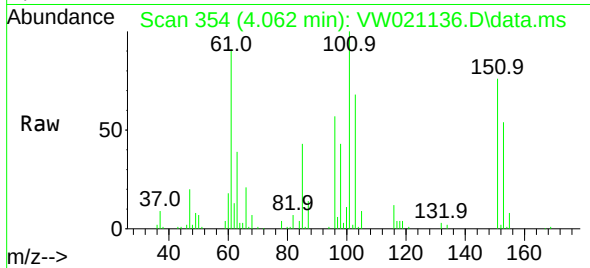




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.362 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

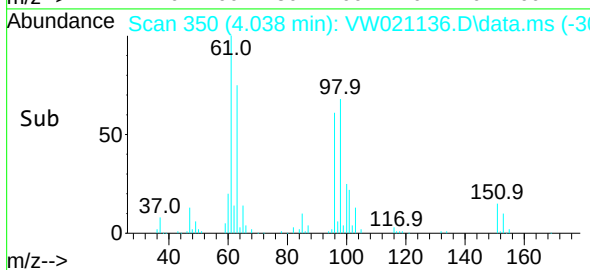
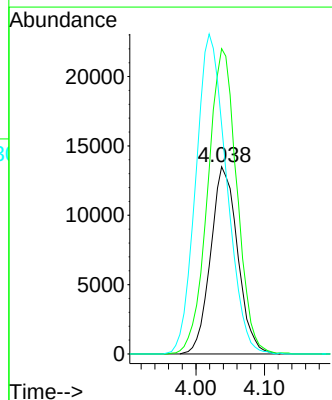
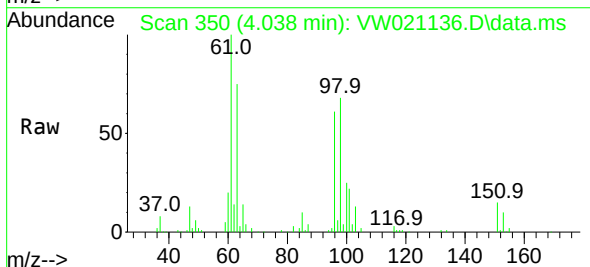
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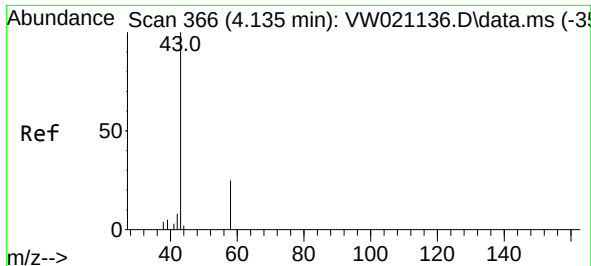
Tgt Ion:101 Resp: 39725
Ion Ratio Lower Upper
101 100
85 43.9 36.6 54.8
151 81.2 57.4 86.0



#12
1,1-Dichloroethene
Concen: 22.968 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.012 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 96 Resp: 36888
Ion Ratio Lower Upper
96 100
61 163.0 138.3 256.9
63 122.4 82.6 153.4





#13

Acetone

Concen: 30.579 ug/L

RT: 4.135 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

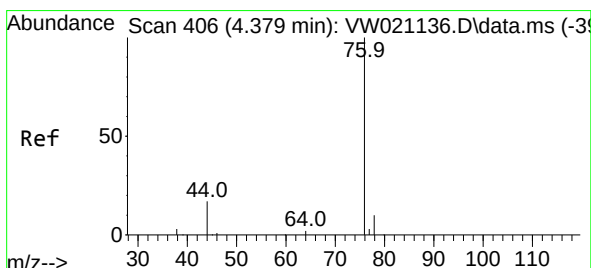
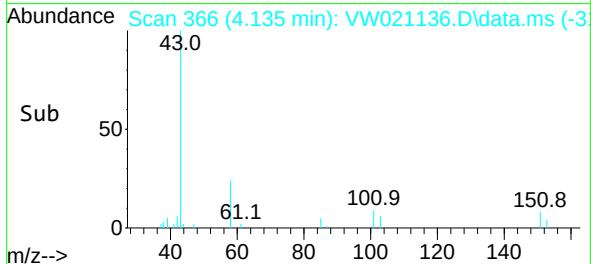
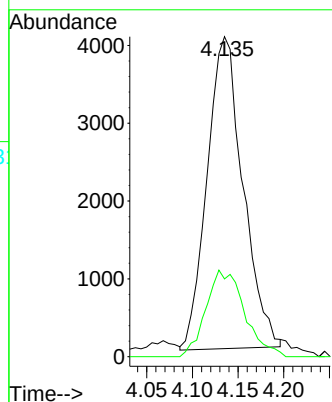
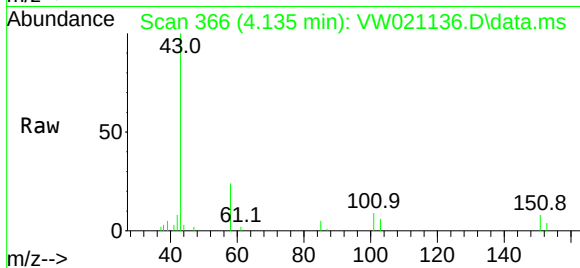
ClientSampleId :

Tgt Ion: 43 Resp: 10953

Ion Ratio Lower Upper

43 100

58 15.6 0.0 52.8



#14

Carbon disulfide

Concen: 23.322 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.012 min

Lab File: VW021136.D

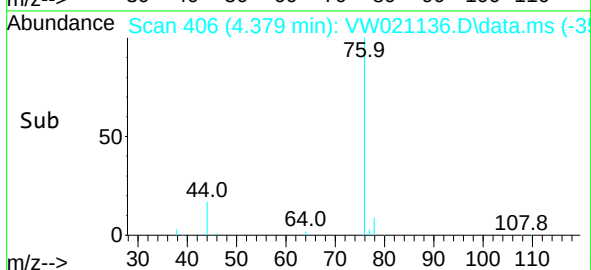
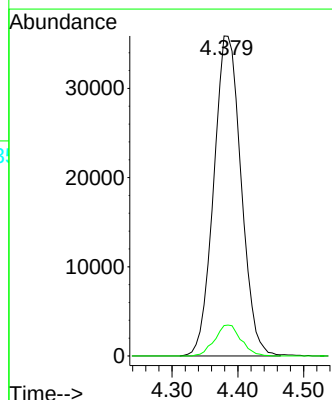
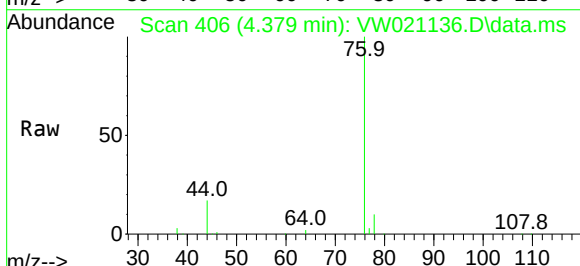
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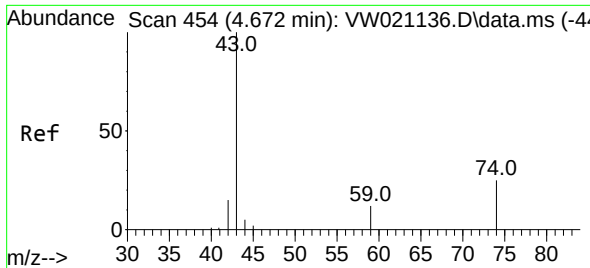
Tgt Ion: 76 Resp: 103967

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

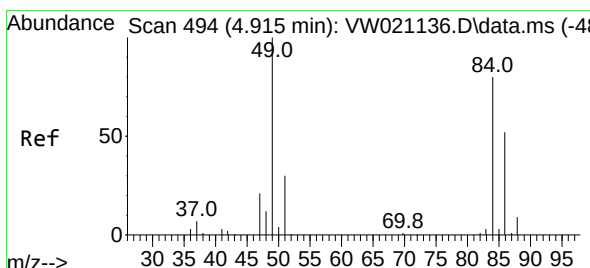
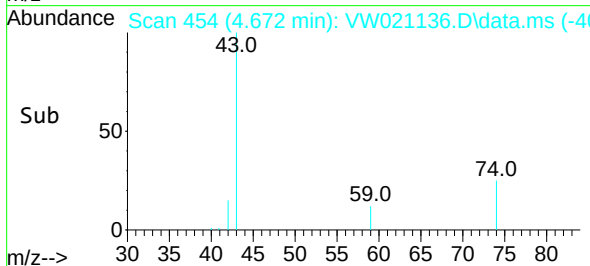
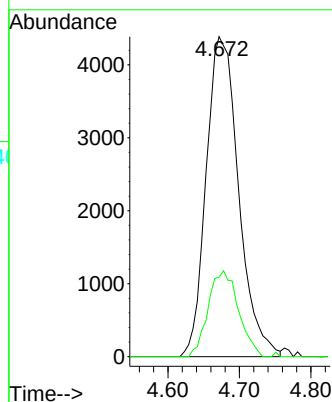
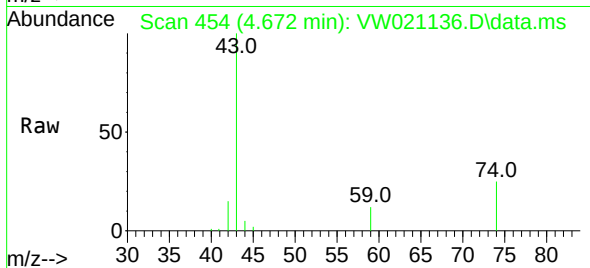




#15
Methyl Acetate
Concen: 21.298 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

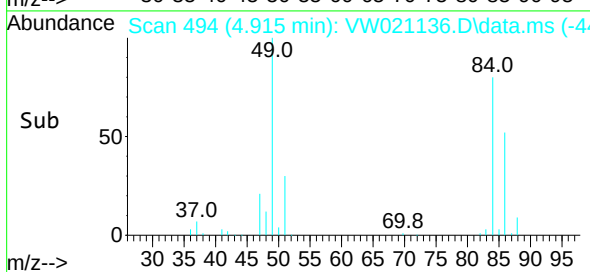
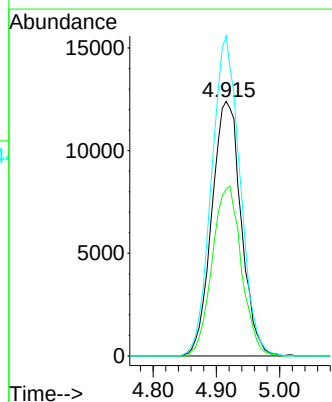
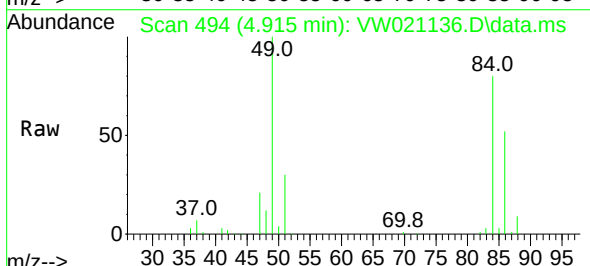
Instrument :
MSVOA_W
ClientSampleId :

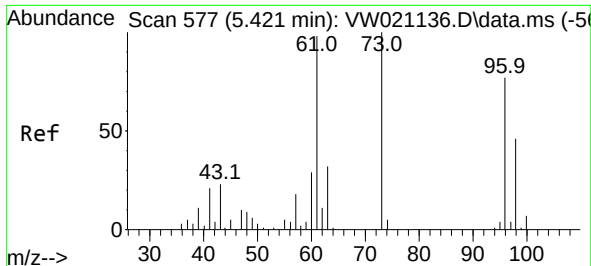
Tgt Ion: 43 Resp: 13832
Ion Ratio Lower Upper
43 100
74 25.0 16.4 24.6#



#16
Methylene chloride
Concen: 20.503 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

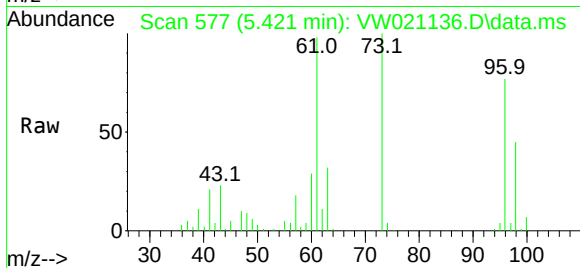
Tgt Ion: 84 Resp: 39967
Ion Ratio Lower Upper
84 100
86 65.5 45.5 84.5
49 125.7 100.5 186.7





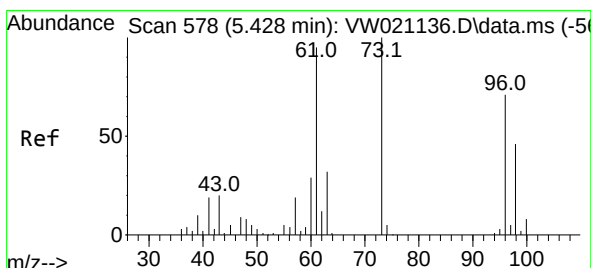
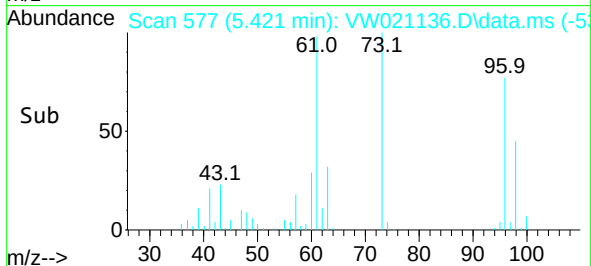
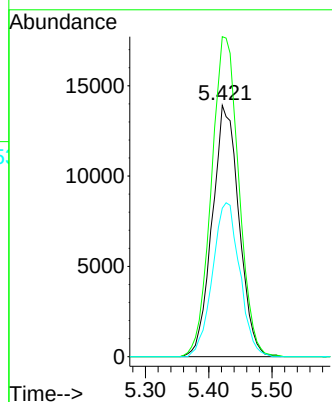
#17
trans-1,2-Dichloroethene
Concen: 23.951 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 40956

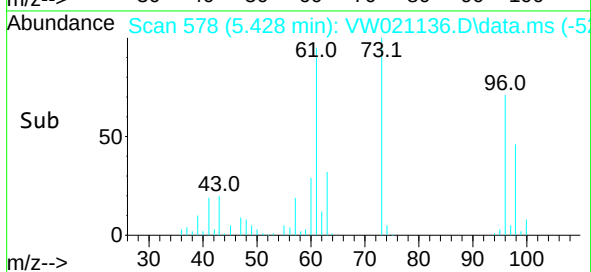
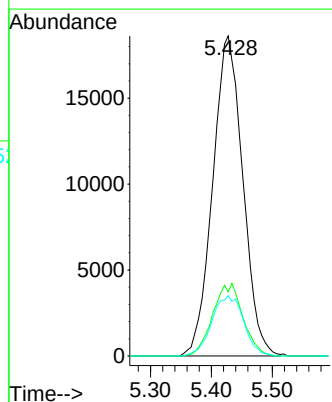
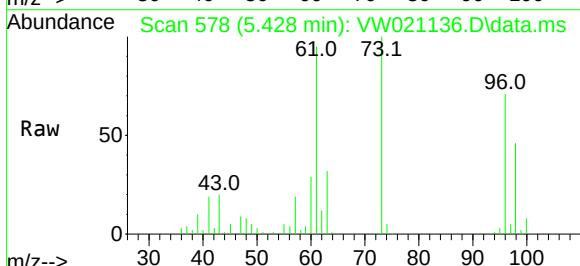
Ion	Ratio	Lower	Upper
96	100		
61	127.3	107.4	199.4
98	59.1	41.2	76.6

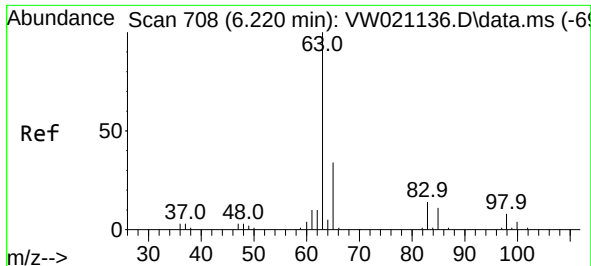


#18
Methyl tert-butyl Ether
Concen: 24.745 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 73 Resp: 63864

Ion	Ratio	Lower	Upper
73	100		
43	12.6	19.5	29.3#
57	20.0	19.3	28.9





#19

1,1-Dichloroethane

Concen: 24.351 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021136.D

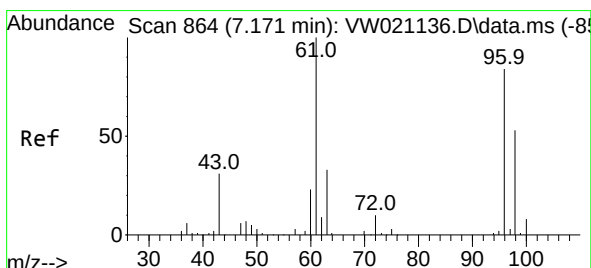
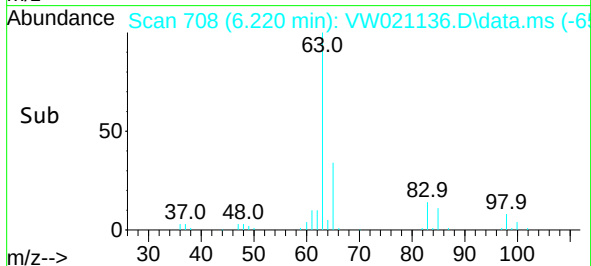
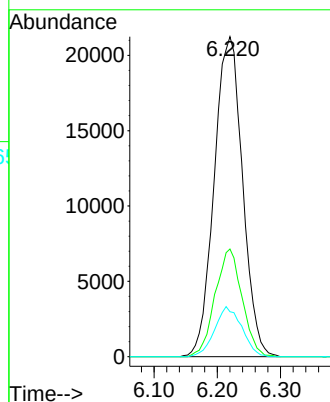
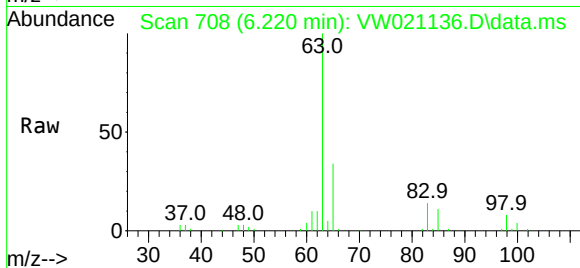
Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	66029
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.1	41.1
83	14.1	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.347 ug/L

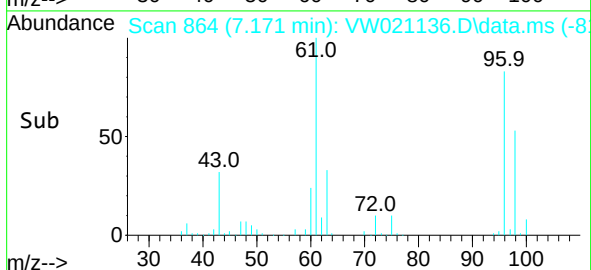
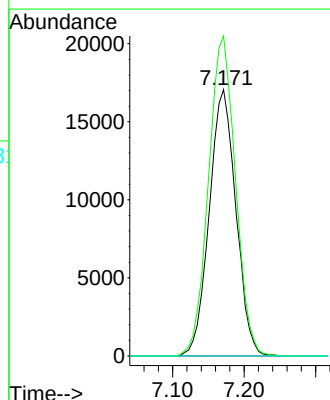
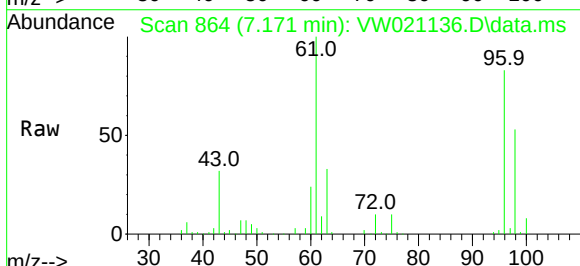
RT: 7.171 min Scan# 864

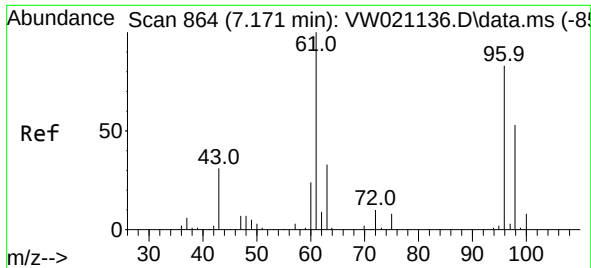
Delta R.T. 0.006 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Tgt Ion:	96	Resp:	44168
Ion	Ratio	Lower	Upper
96	100		
61	120.1	103.7	192.7
68	0.0	0.0	0.0

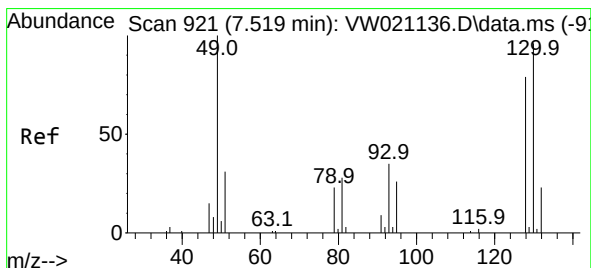
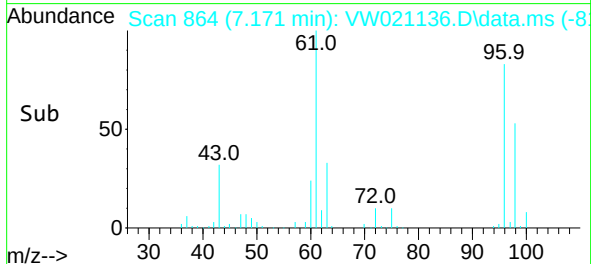
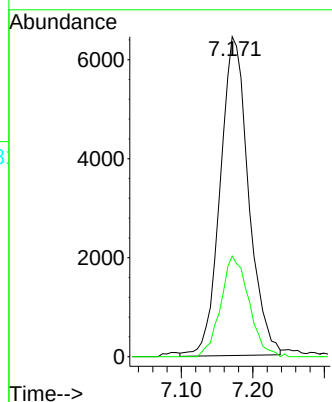
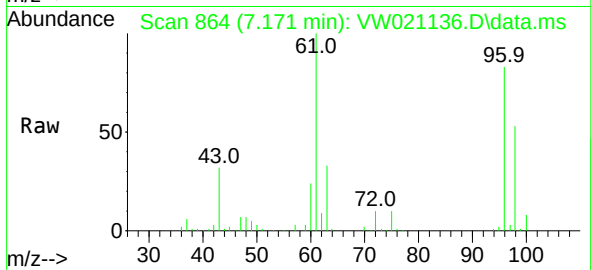




#22
2-Butanone
Concen: 35.763 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

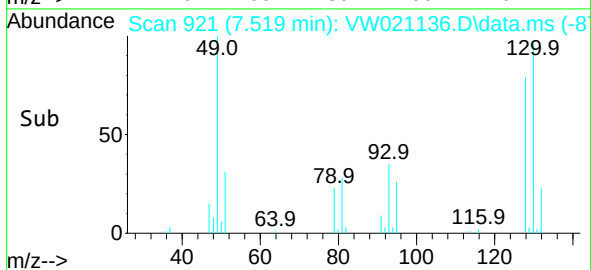
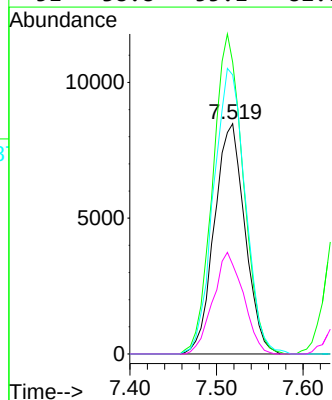
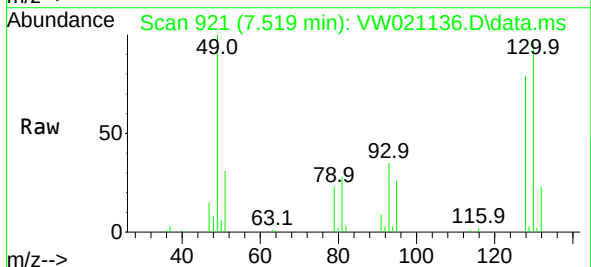
Instrument :
MSVOA_W
ClientSampleId :

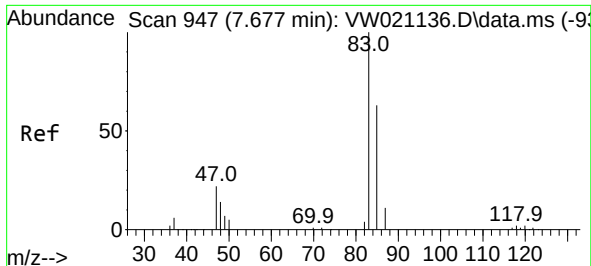
Tgt Ion: 43 Resp: 17727
Ion Ratio Lower Upper
43 100
72 31.2 11.8 35.4



#23
Bromochloromethane
Concen: 24.494 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 128 Resp: 20791
Ion Ratio Lower Upper
128 100
49 126.7 150.3 279.1#
130 121.2 88.3 163.9
51 38.8 55.1 82.7#

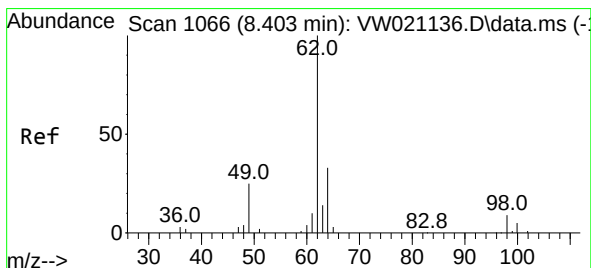
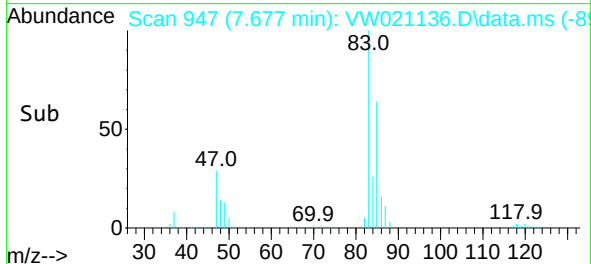
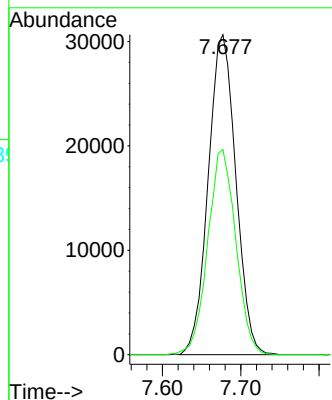
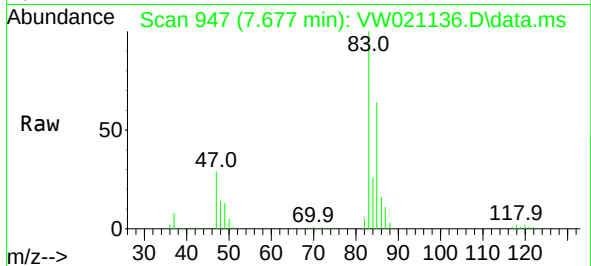




#25
Chloroform
Concen: 24.722 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

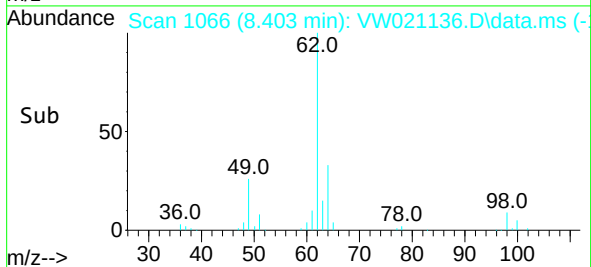
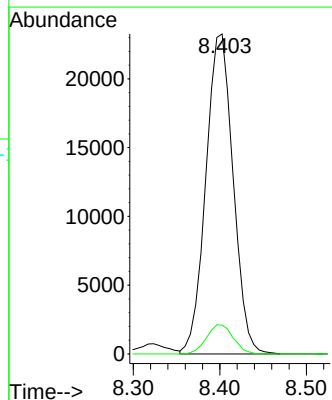
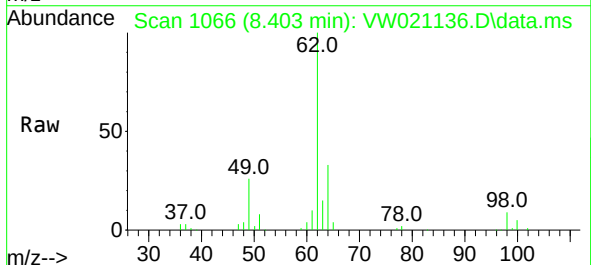
Instrument :
MSVOA_W
ClientSampleId :

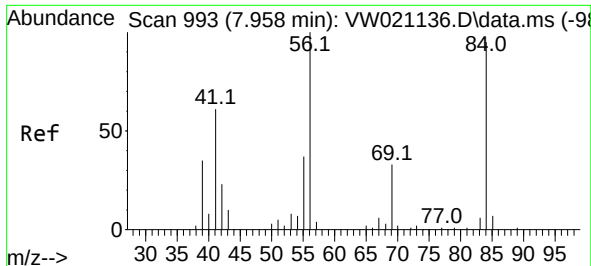
Tgt Ion: 83 Resp: 75246
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.582 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 62 Resp: 50935
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7





#29

Cyclohexane

Concen: 21.889 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021136.D

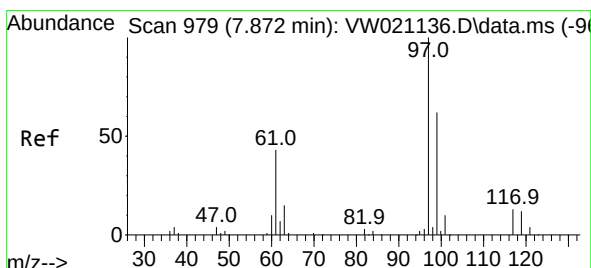
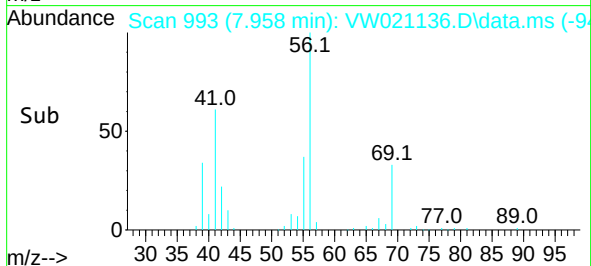
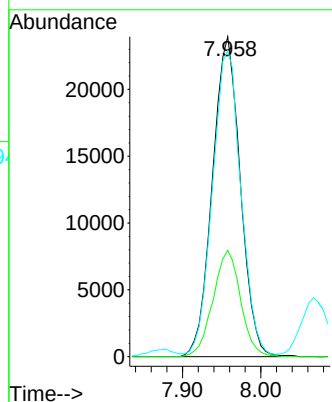
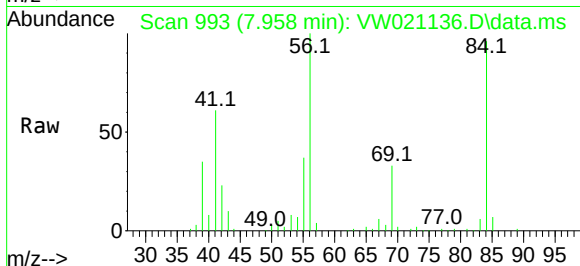
Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	59114
Ion Ratio	Lower	Upper	
56	100		
69	32.9	23.5	35.3
84	98.0	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 23.536 ug/L

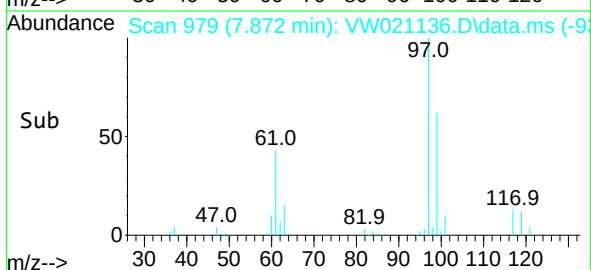
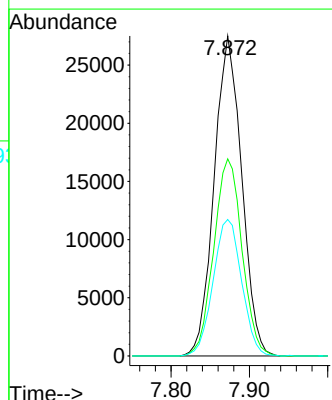
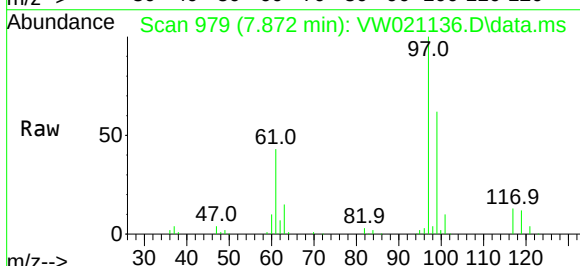
RT: 7.872 min Scan# 979

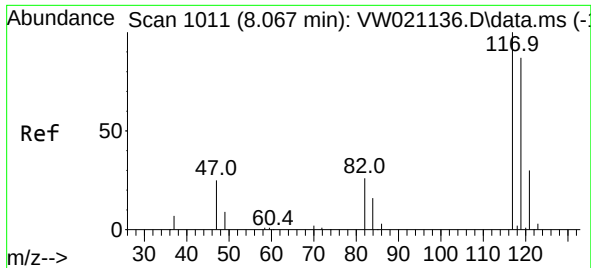
Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Tgt Ion:	97	Resp:	67178
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.6	77.4
61	44.2	40.9	61.3

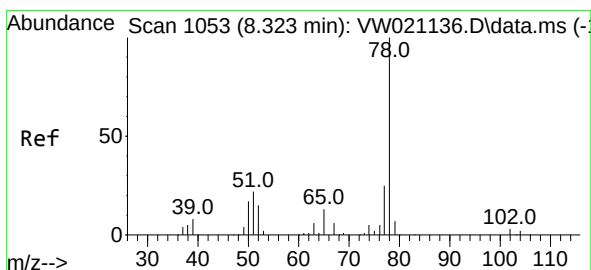
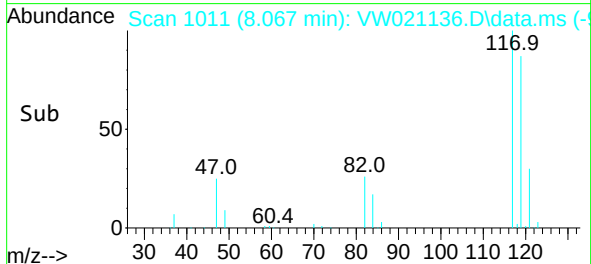
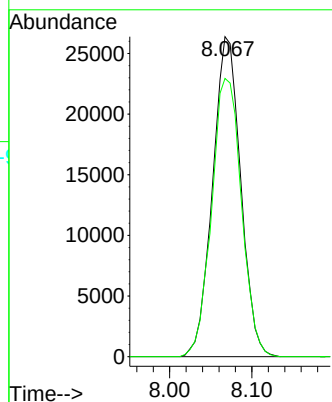
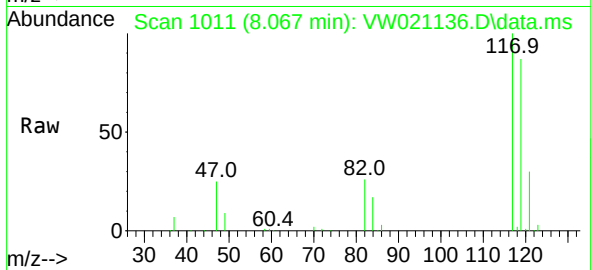




#31
Carbon tetrachloride
Concen: 23.591 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

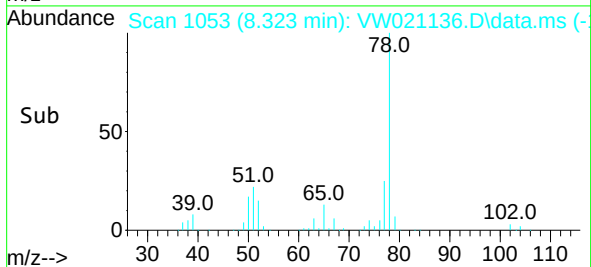
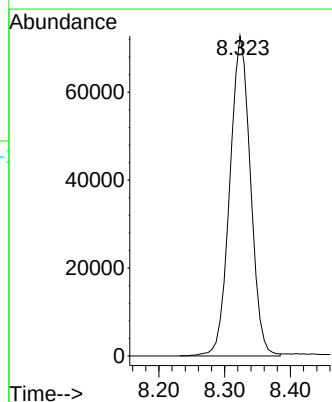
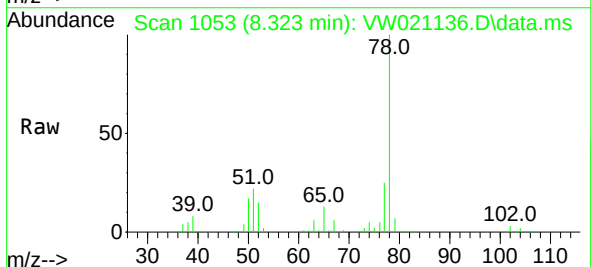
Instrument :
MSVOA_W
ClientSampleId :

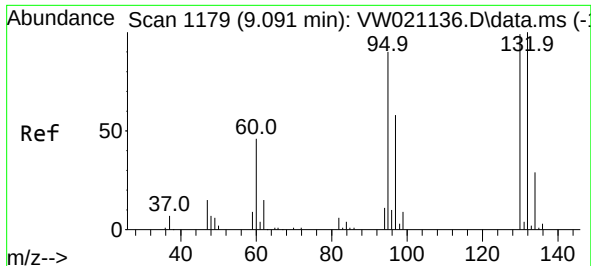
Tgt Ion:117 Resp: 62571
Ion Ratio Lower Upper
117 100
119 92.4 75.7 113.5



#33
Benzene
Concen: 22.873 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

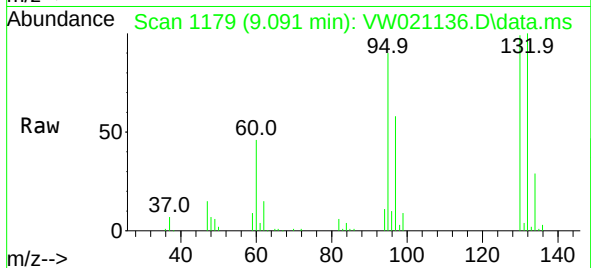
Tgt Ion: 78 Resp: 159228



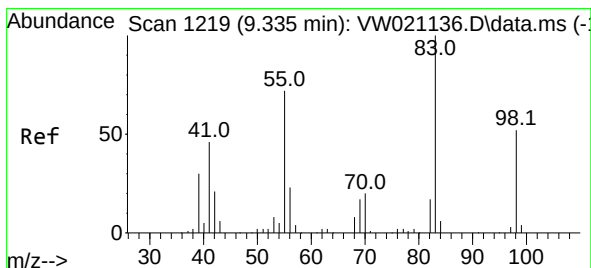
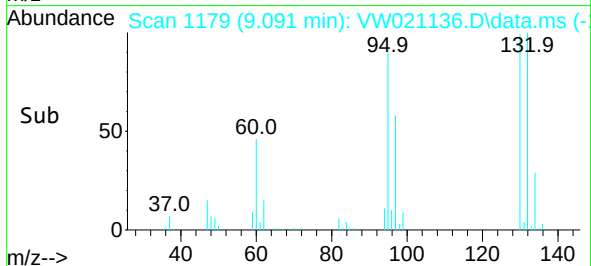
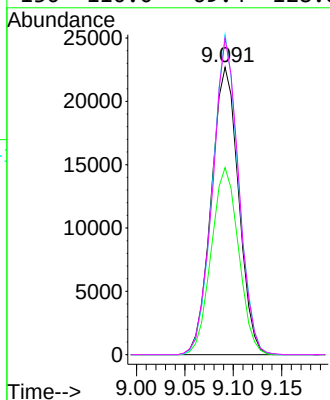


#34
Trichloroethene
Concen: 23.150 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Instrument :
MSVOA_W
ClientSampleId :

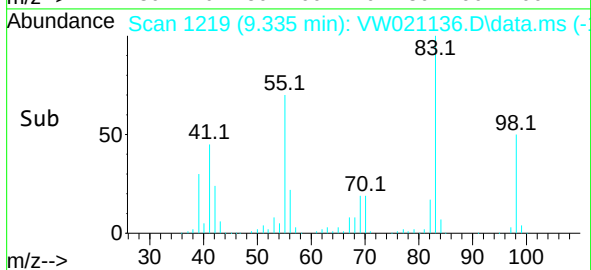
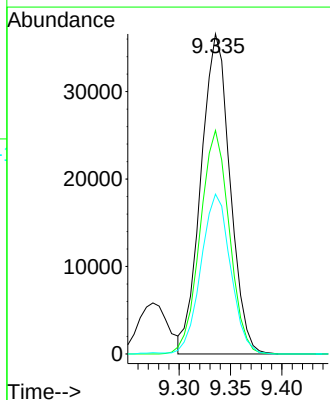
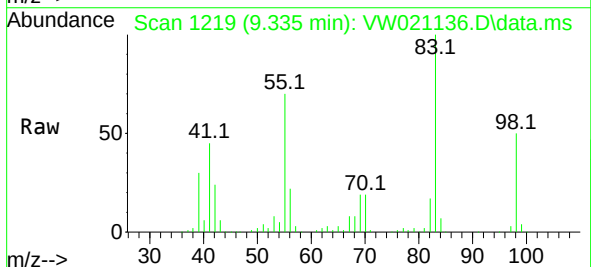


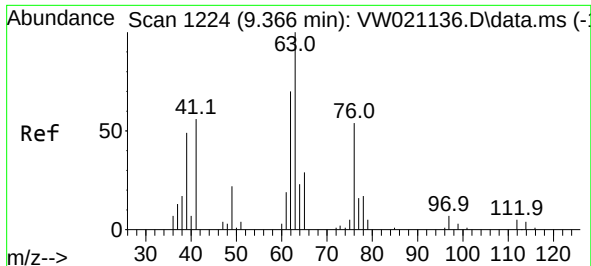
Tgt Ion: 95 Resp: 44461
Ion Ratio Lower Upper
95 100
97 65.1 47.0 87.2
132 111.4 65.5 121.6
130 110.0 69.4 128.8



#35
Methylcyclohexane
Concen: 22.251 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 83 Resp: 71932
Ion Ratio Lower Upper
83 100
55 70.2 70.8 106.2#
98 51.0 37.7 56.5

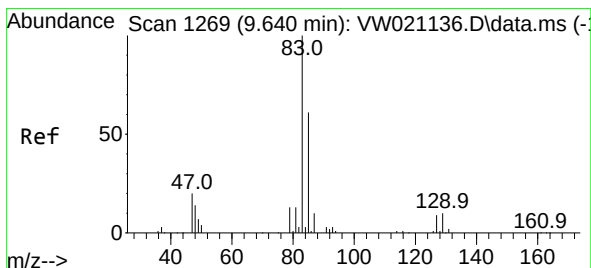
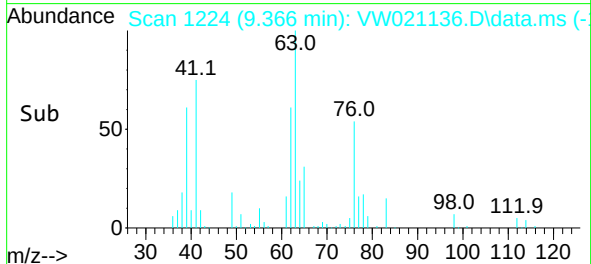
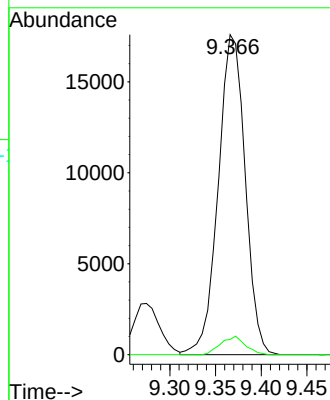
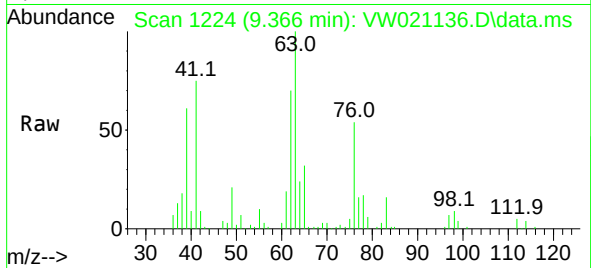




#37
1,2-Dichloropropane
Concen: 22.933 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

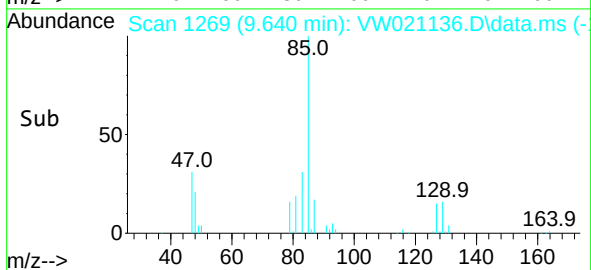
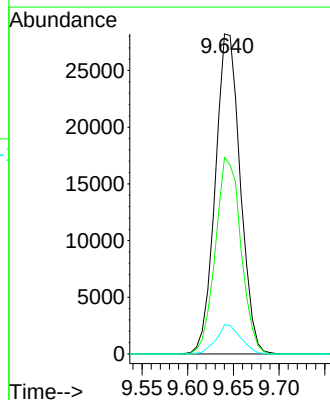
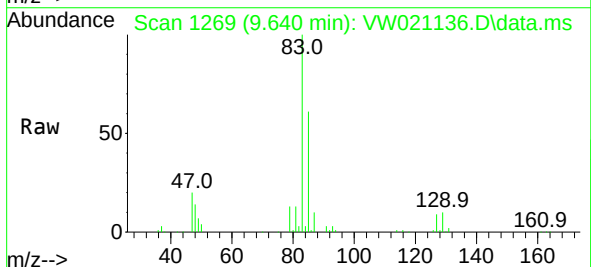
Instrument :
MSVOA_W
ClientSampleId :

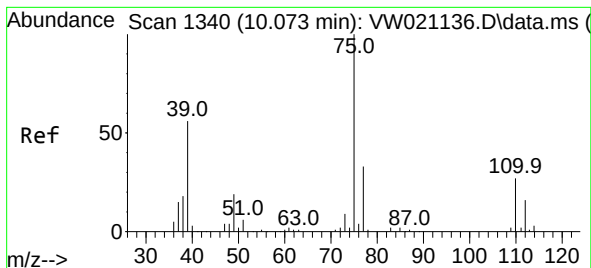
Tgt Ion: 63 Resp: 36083
Ion Ratio Lower Upper
63 100
112 5.2 3.2 4.8#



#38
Bromodichloromethane
Concen: 24.254 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 83 Resp: 53645
Ion Ratio Lower Upper
83 100
85 61.4 44.1 81.9
127 9.1 6.1 9.1

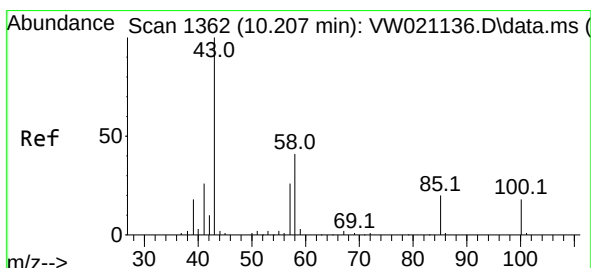
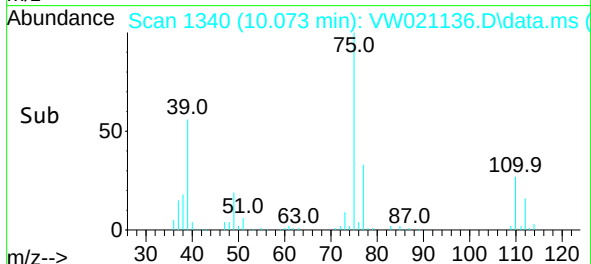
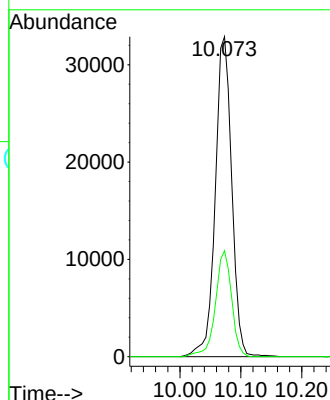
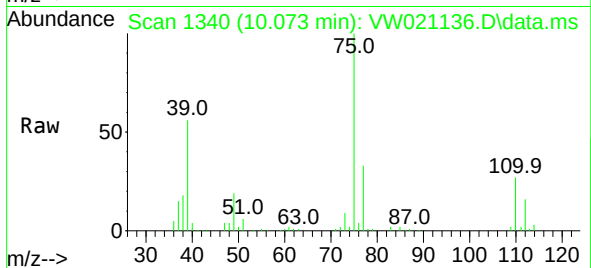




#39
 cis-1,3-Dichloropropene
 Concen: 24.271 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW021136.D
 Acq: 04 Dec 2021 23:26

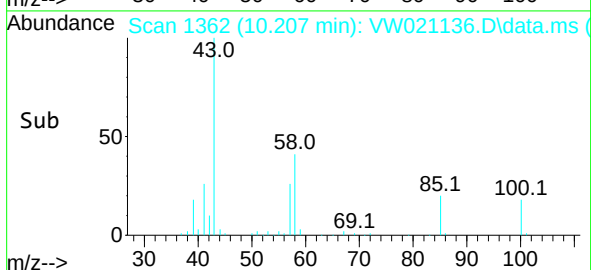
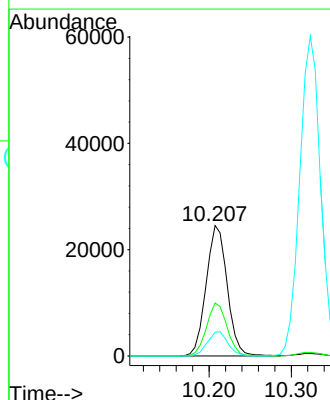
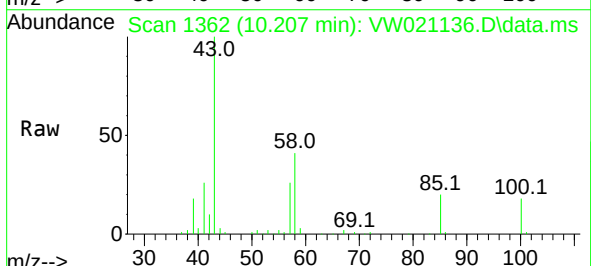
Instrument :
 MSVOA_W
 ClientSampleId :

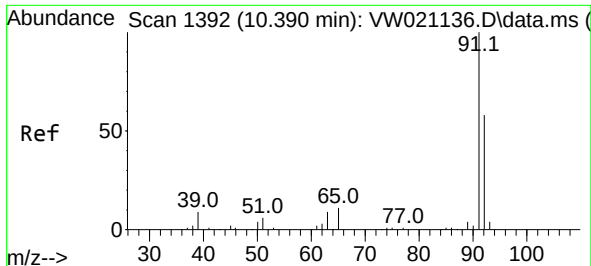
Tgt Ion: 75 Resp: 61771
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 40.716 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW021136.D
 Acq: 04 Dec 2021 23:26

Tgt Ion: 43 Resp: 43642
 Ion Ratio Lower Upper
 43 100
 58 39.5 28.8 43.2
 100 18.2 10.0 15.0#





#42

Toluene

Concen: 24.540 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

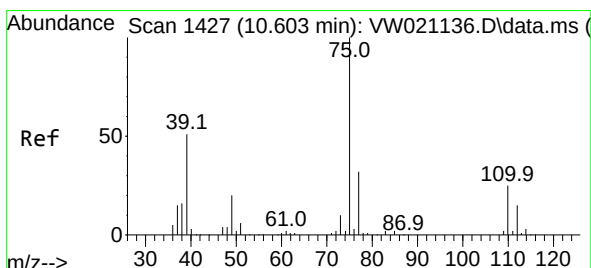
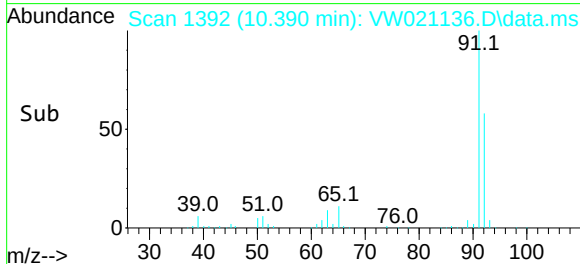
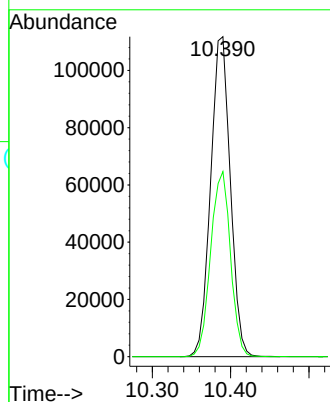
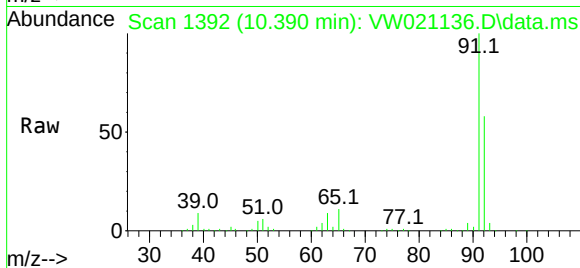
ClientSampleId :

Tgt Ion: 91 Resp: 195125

Ion Ratio Lower Upper

91 100

92 57.8 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 24.257 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021136.D

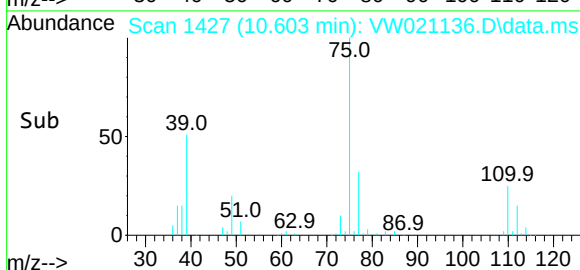
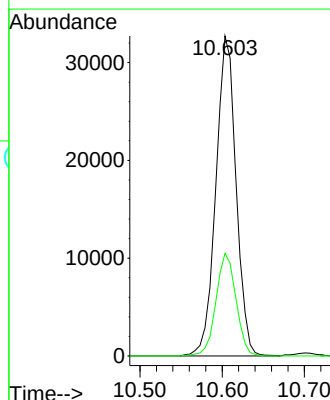
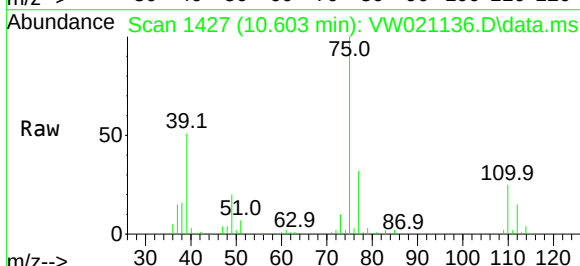
Acq: 04 Dec 2021 23:26

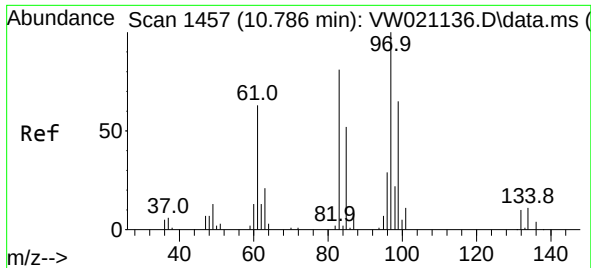
Tgt Ion: 75 Resp: 55853

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2

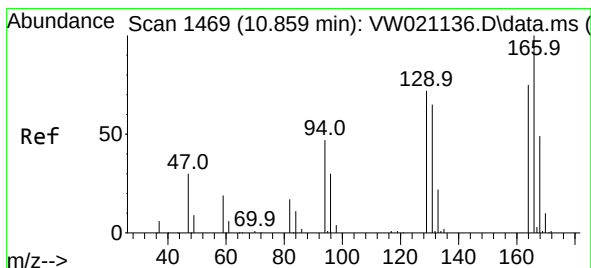
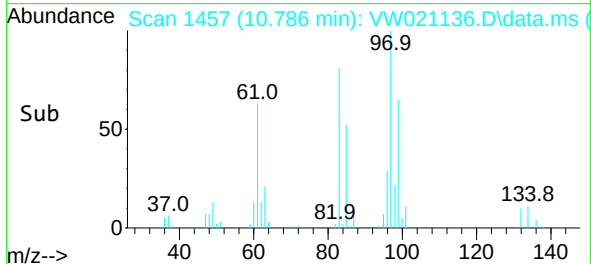
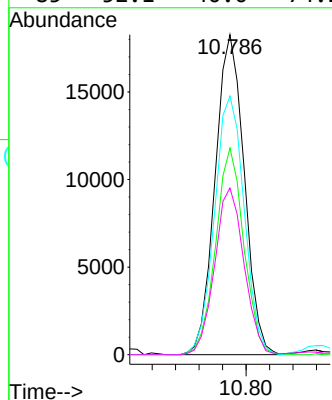
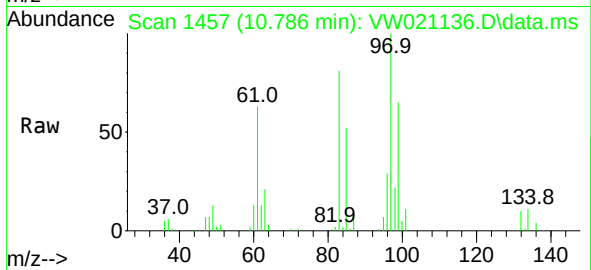




#45
1,1,2-Trichloroethane
Concen: 23.831 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

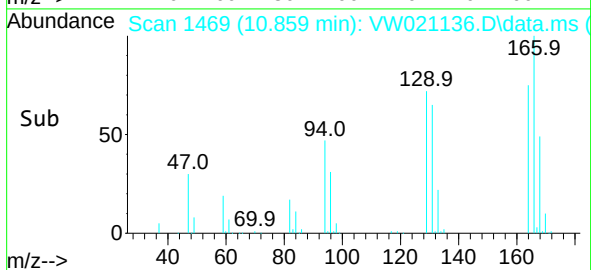
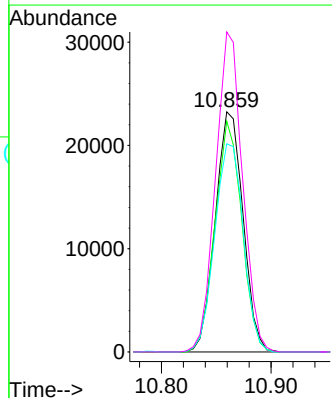
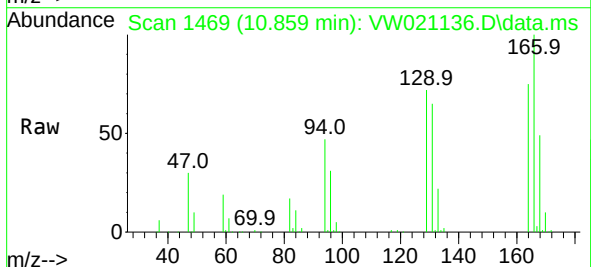
Instrument :
MSVOA_W
ClientSampleId :

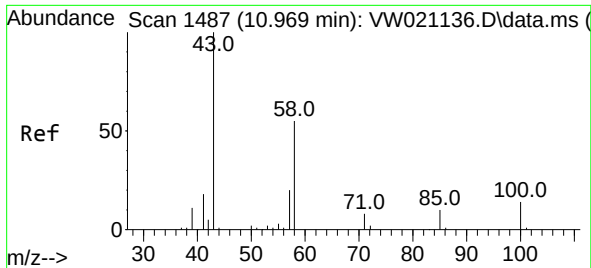
Tgt Ion:	97	Resp:	31436
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.0	79.8
83	80.8	62.6	116.3
85	52.1	40.0	74.2



#46
Tetrachloroethene
Concen: 23.284 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

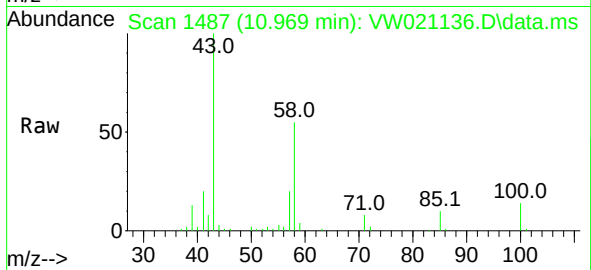
Tgt Ion:	164	Resp:	40948
Ion	Ratio	Lower	Upper
164	100		
129	96.1	65.5	121.7
131	86.7	59.7	110.9
166	133.3	88.7	164.7



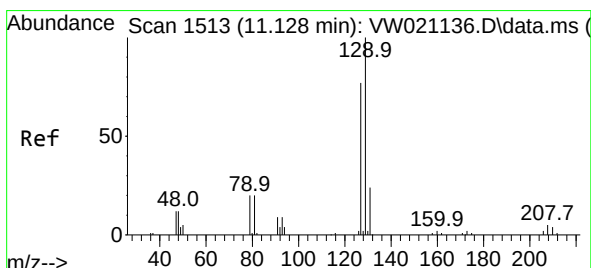
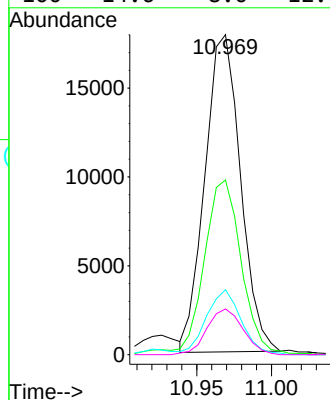
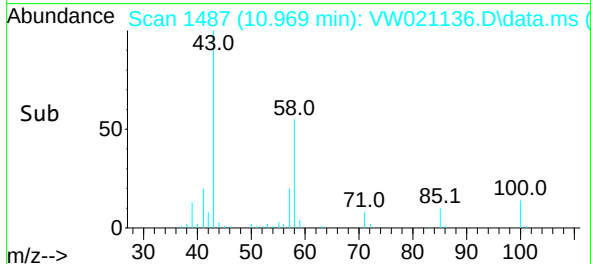


#48
2-Hexanone
Concen: 38.325 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Instrument :
MSVOA_W
ClientSampleId :

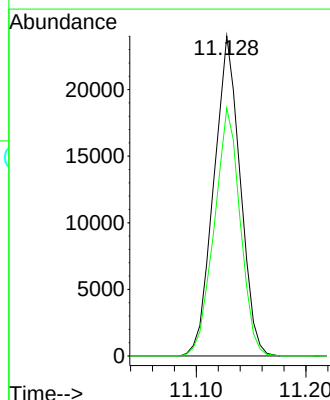
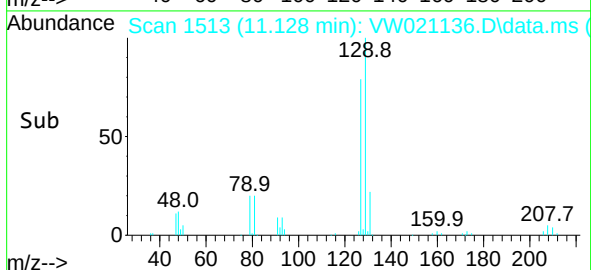
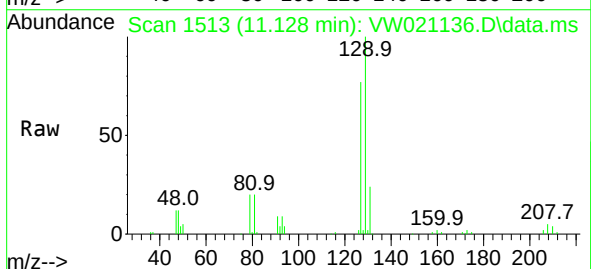


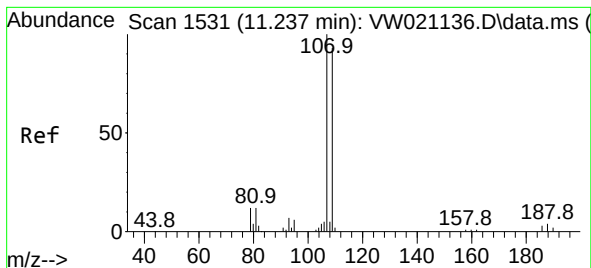
Tgt Ion: 43 Resp: 29634
Ion Ratio Lower Upper
43 100
58 55.7 40.2 60.2
57 19.9 14.3 21.5
100 14.6 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.322 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 129 Resp: 40099
Ion Ratio Lower Upper
129 100
127 77.5 55.7 103.5

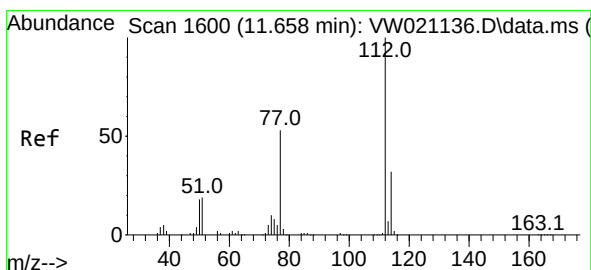
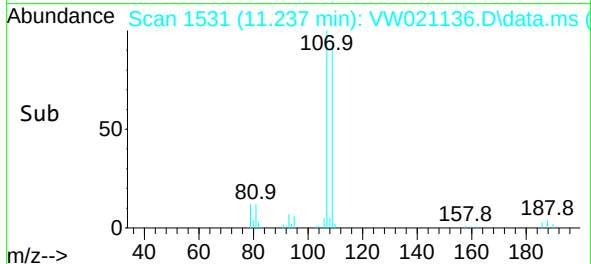
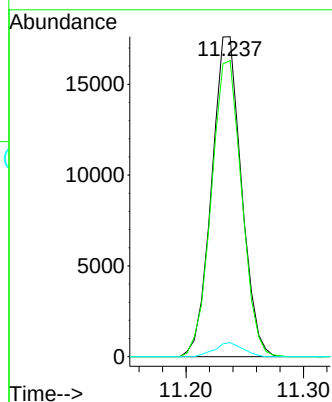
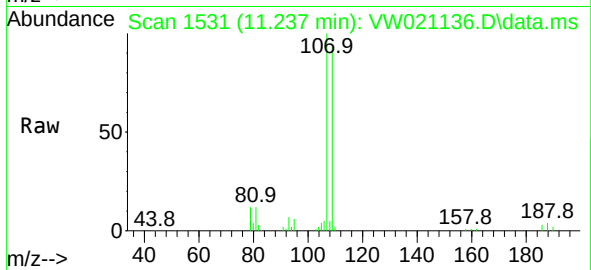




#50
1,2-Dibromoethane
Concen: 23.064 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

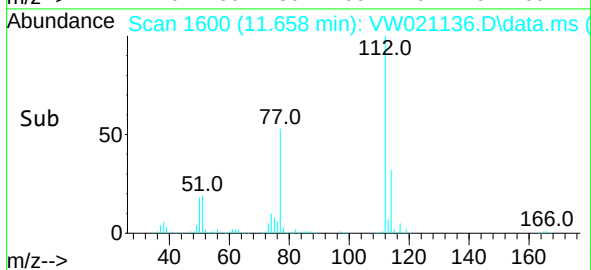
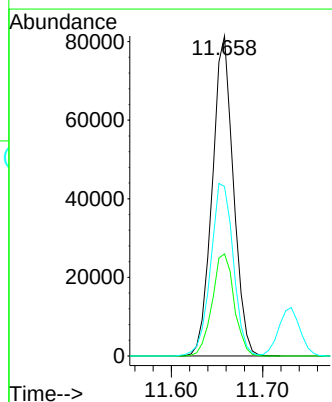
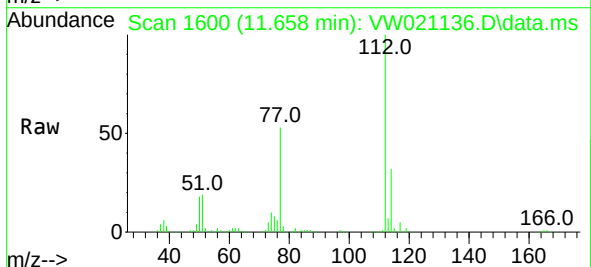
Instrument :
MSVOA_W
ClientSampleId :

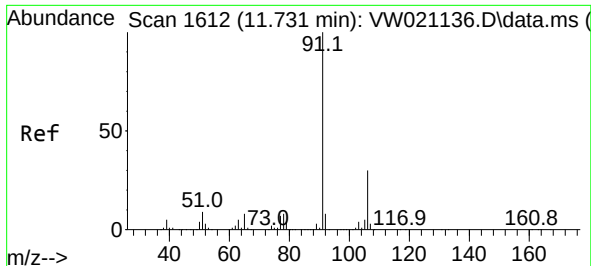
Tgt Ion:107 Resp: 31027
Ion Ratio Lower Upper
107 100
109 92.5 64.1 119.1
188 4.4 2.6 3.8#



#51
Chlorobenzene
Concen: 24.592 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion:112 Resp: 130655
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 52.9 50.2 75.4





#52

Ethylbenzene

Concen: 25.942 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

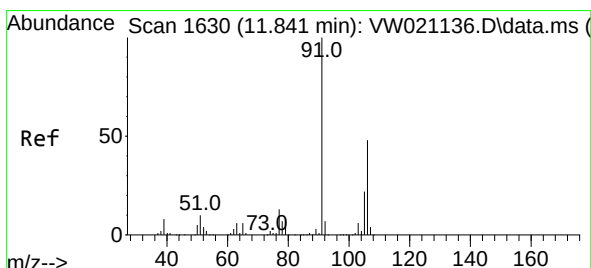
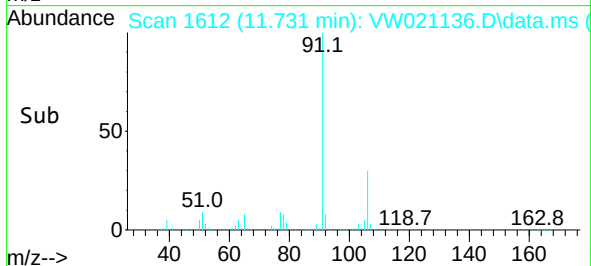
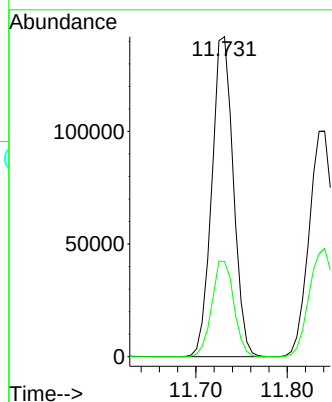
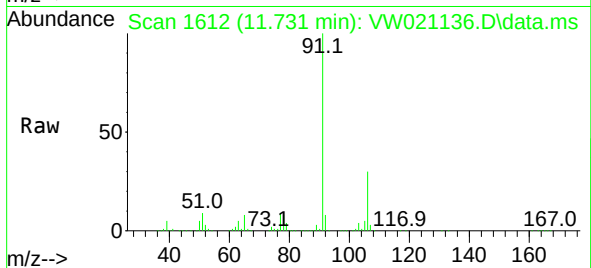
ClientSampleId :

Tgt Ion: 91 Resp: 232213

Ion Ratio Lower Upper

91 100

106 29.8 21.5 39.9



#53

m,p-Xylene

Concen: 24.724 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VW021136.D

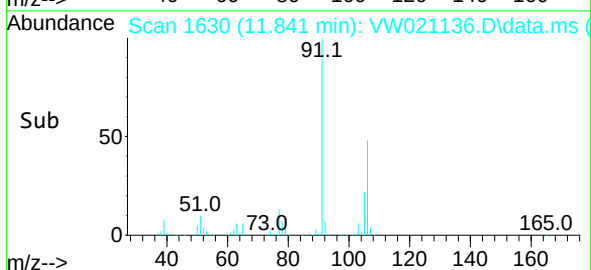
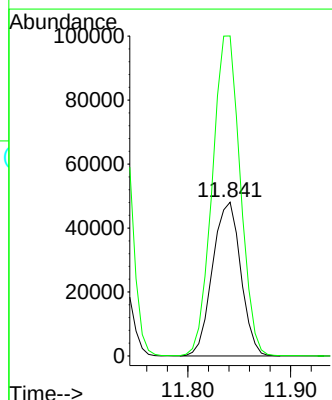
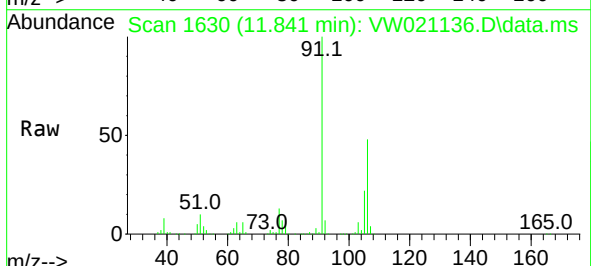
Acq: 04 Dec 2021 23:26

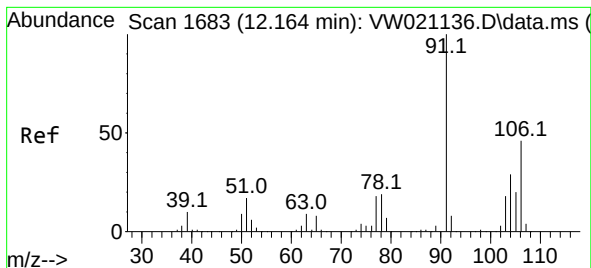
Tgt Ion: 106 Resp: 91553

Ion Ratio Lower Upper

106 100

91 208.1 149.9 278.3





#54

o-Xylene

Concen: 25.494 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

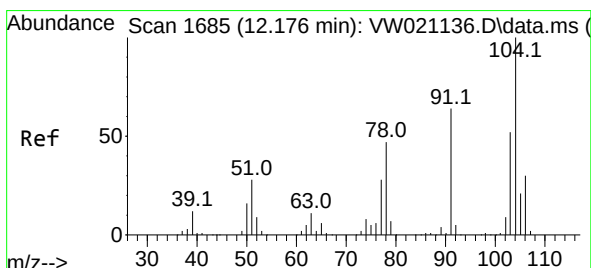
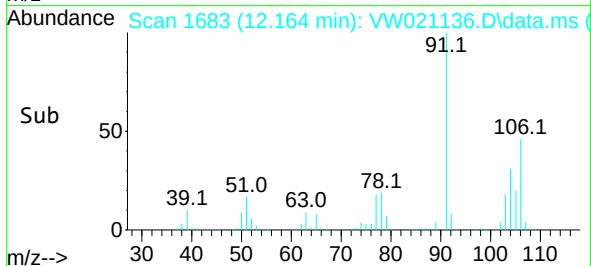
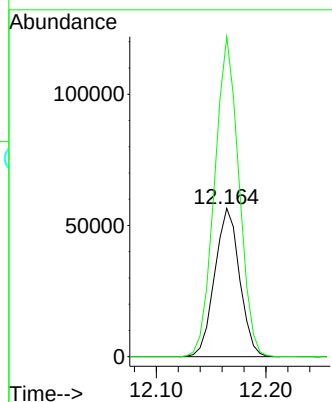
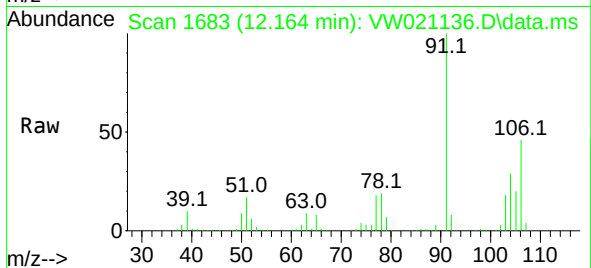
ClientSampleId :

Tgt Ion:106 Resp: 89008

Ion Ratio Lower Upper

106 100

91 215.8 153.6 285.3



#55

Styrene

Concen: 25.782 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW021136.D

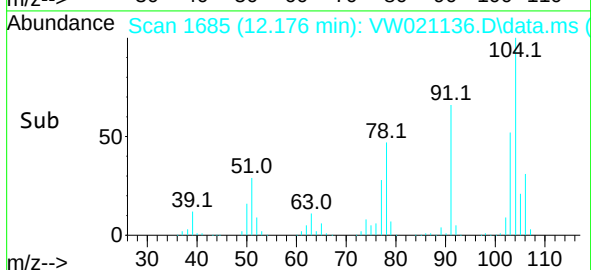
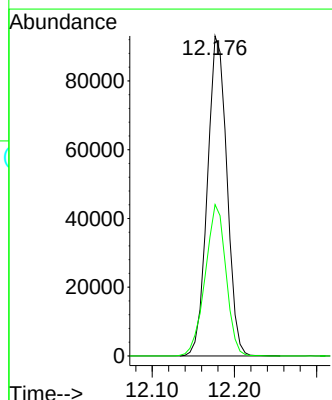
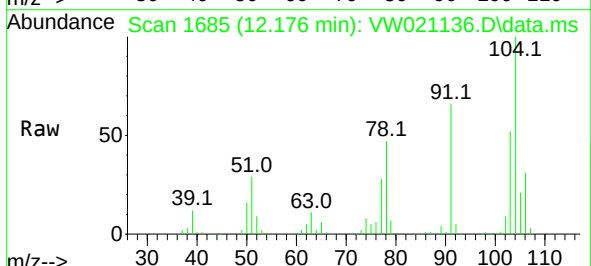
Acq: 04 Dec 2021 23:26

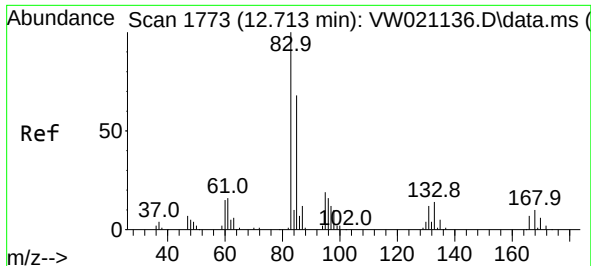
Tgt Ion:104 Resp: 153363

Ion Ratio Lower Upper

104 100

78 47.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.734 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021136.D

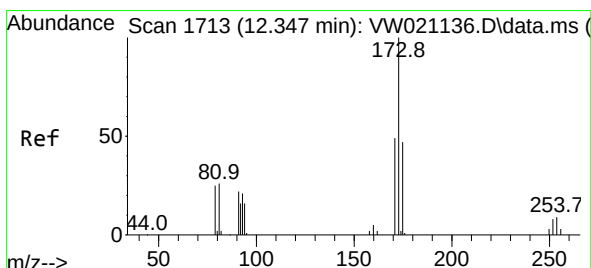
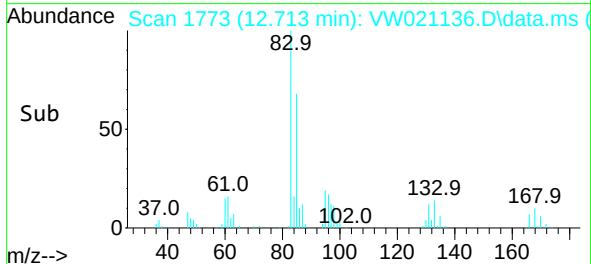
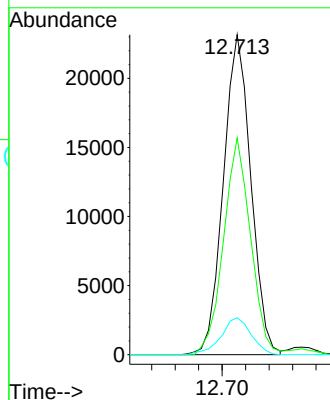
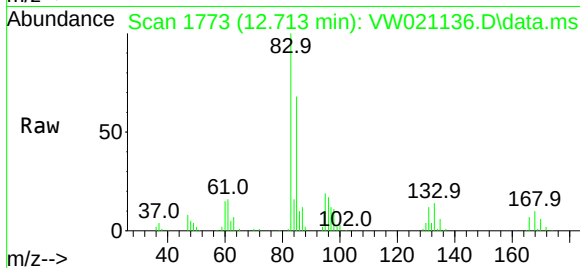
Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	37657
Ion	Ratio	Lower	Upper
83	100		
85	67.7	44.0	81.6
131	11.5	6.9	10.3



#59

Bromoform

Concen: 23.648 ug/L

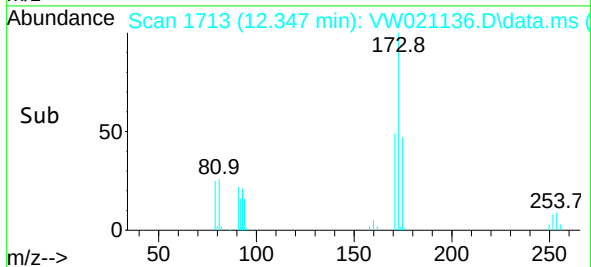
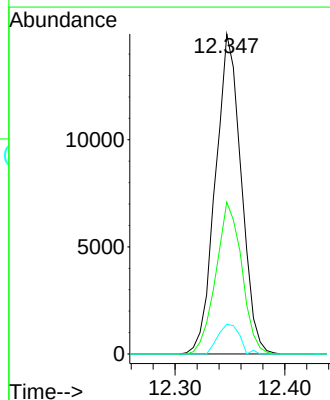
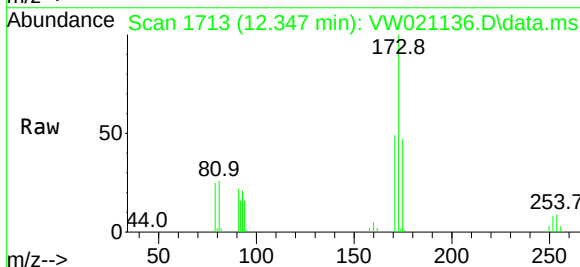
RT: 12.347 min Scan# 1713

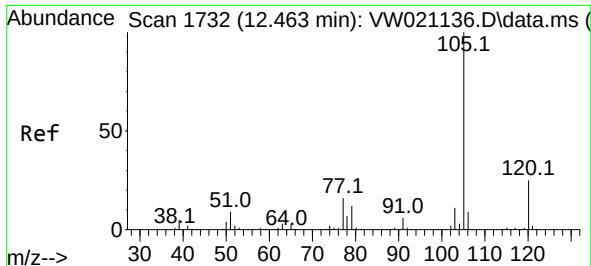
Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Tgt Ion:	173	Resp:	24389
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.6	59.4
254	7.6	7.4	11.0

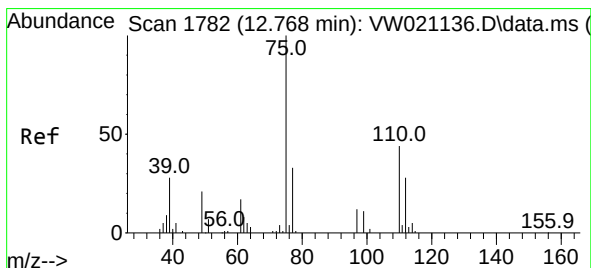
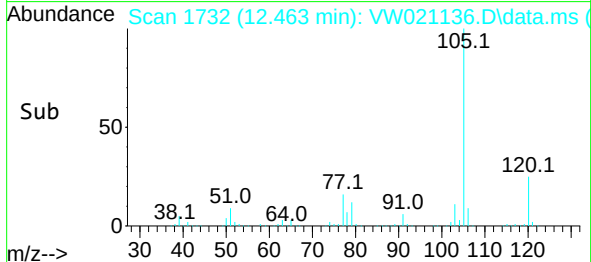
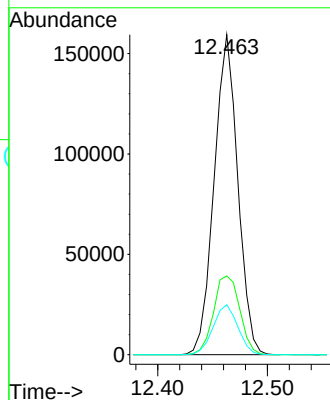
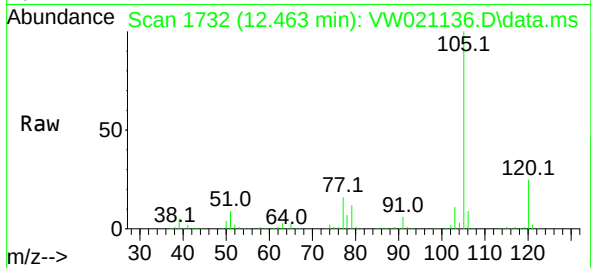




#60
Isopropylbenzene
Concen: 23.772 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

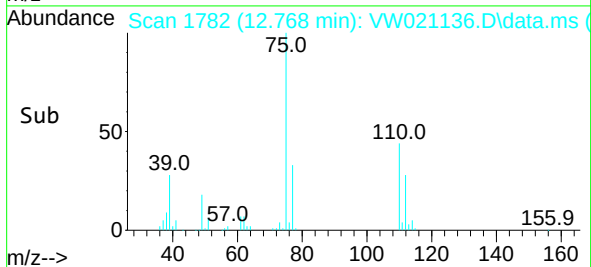
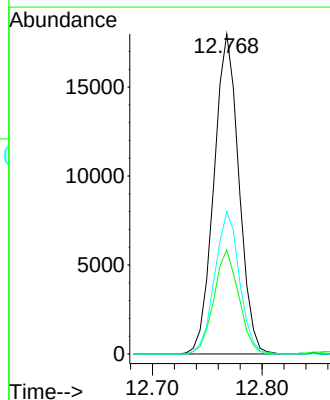
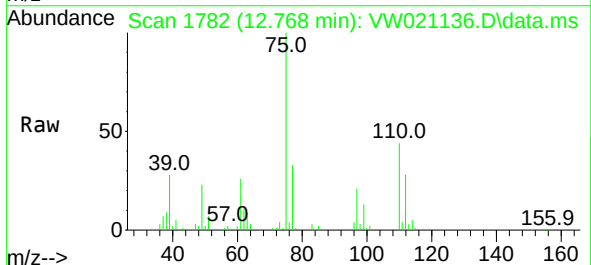
Instrument :
MSVOA_W
ClientSampleId :

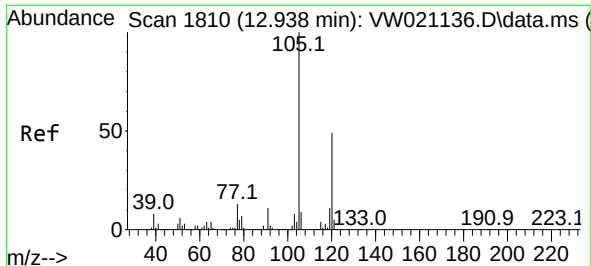
Tgt Ion:105 Resp: 238924
Ion Ratio Lower Upper
105 100
120 27.3 20.1 30.1
77 16.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.507 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion: 75 Resp: 28477
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 43.8 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.149 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

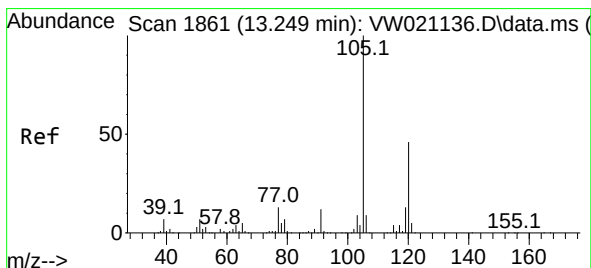
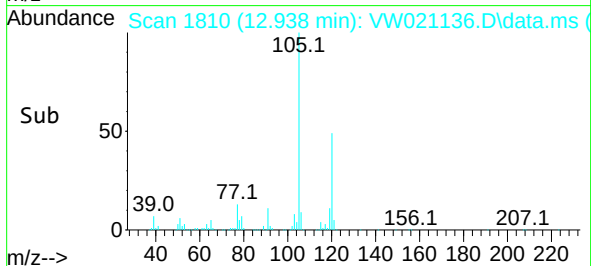
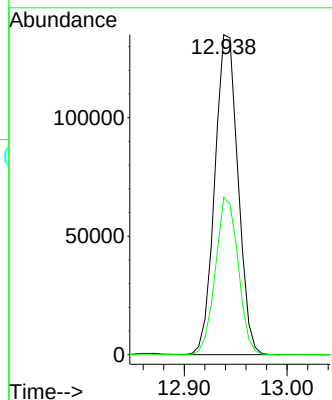
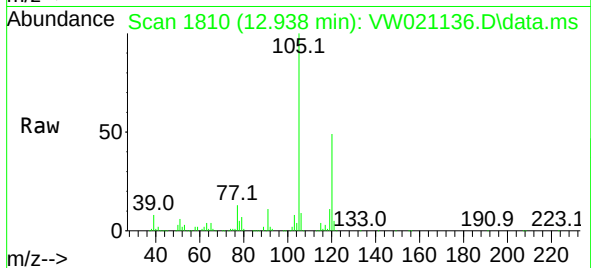
ClientSampleId :

Tgt Ion:105 Resp: 211672

Ion Ratio Lower Upper

105 100

120 48.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.532 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021136.D

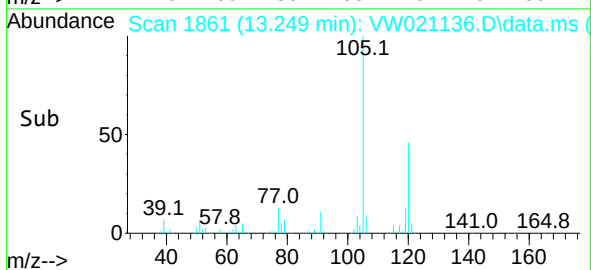
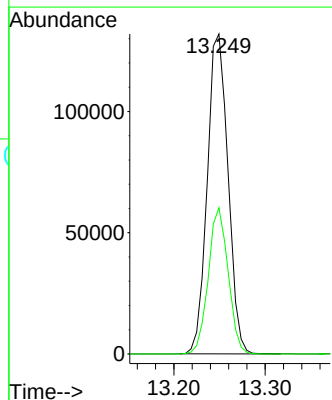
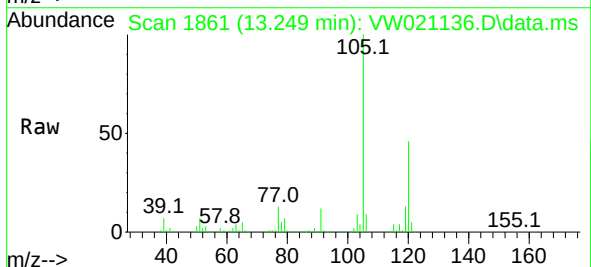
Acq: 04 Dec 2021 23:26

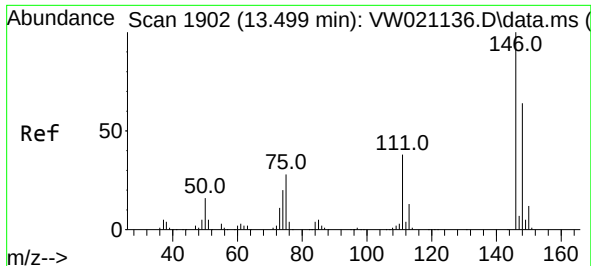
Tgt Ion:105 Resp: 207667

Ion Ratio Lower Upper

105 100

120 43.7 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 23.366 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

ClientSampleId :

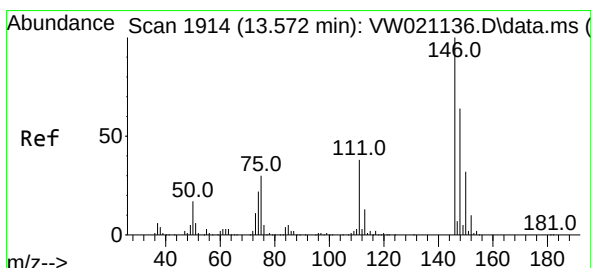
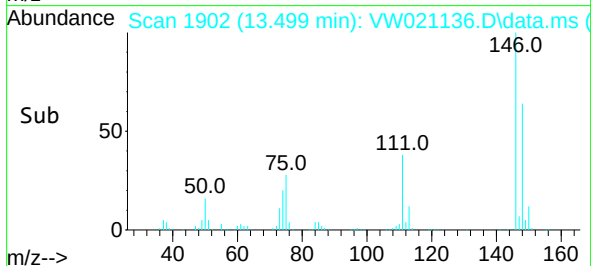
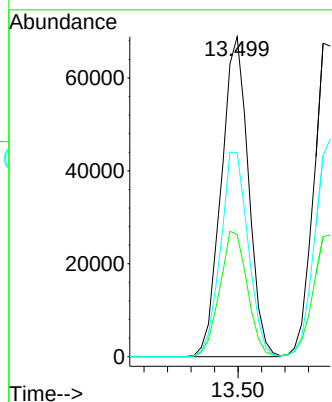
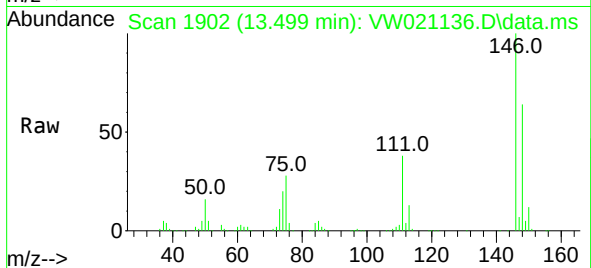
Tgt Ion:146 Resp: 110576

Ion Ratio Lower Upper

146 100

111 38.1 29.8 55.3

148 63.8 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 23.240 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

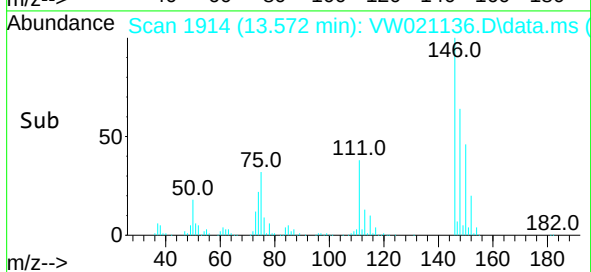
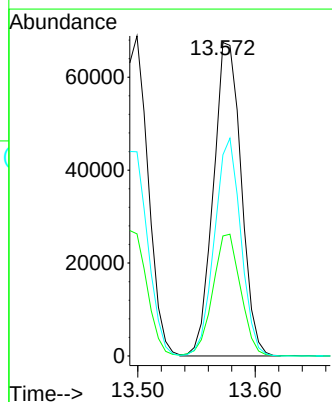
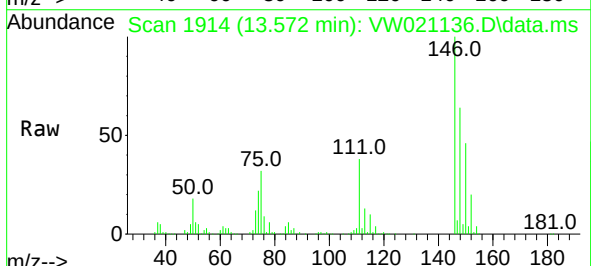
Tgt Ion:146 Resp: 111153

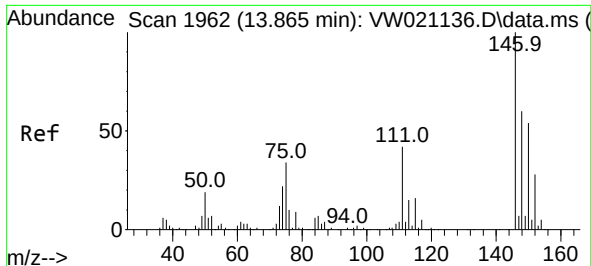
Ion Ratio Lower Upper

146 100

111 38.3 29.0 53.9

148 64.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.117 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

ClientSampleId :

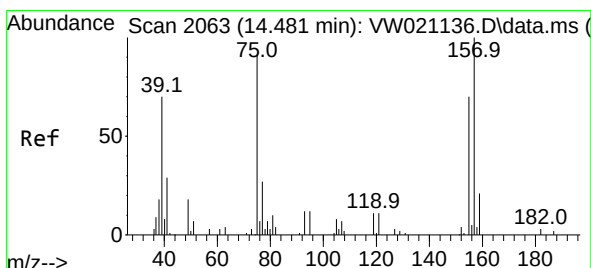
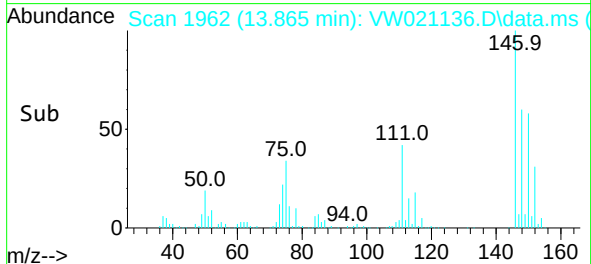
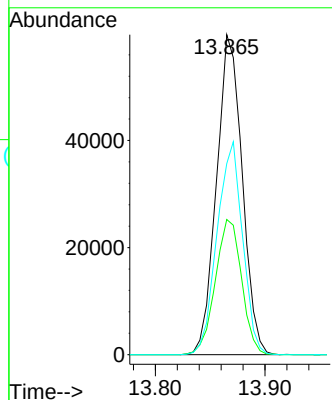
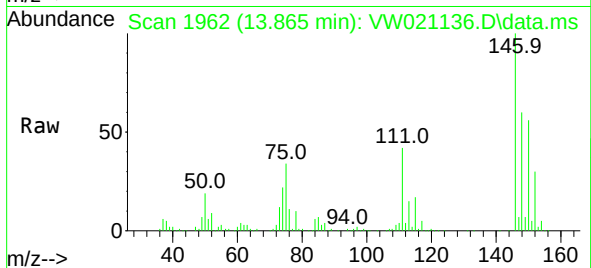
Tgt Ion:146 Resp: 97406

Ion Ratio Lower Upper

146 100

111 42.2 33.1 49.7

148 59.7 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.258 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

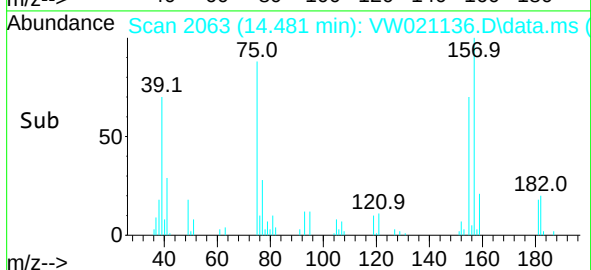
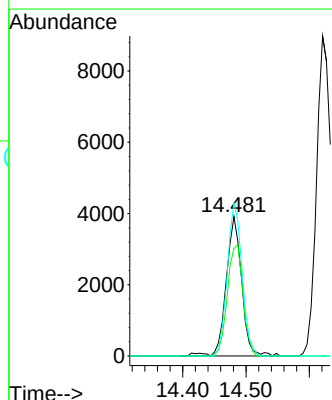
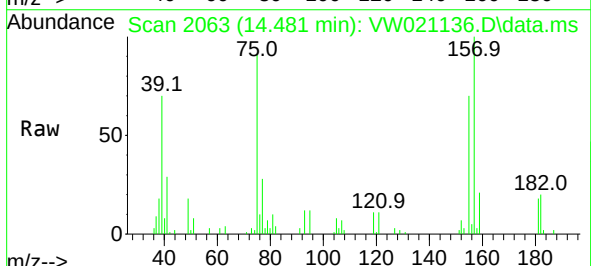
Tgt Ion: 75 Resp: 6636

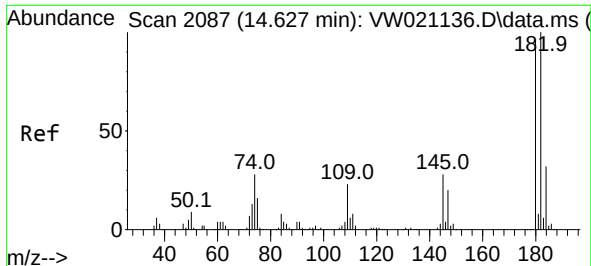
Ion Ratio Lower Upper

75 100

155 77.0 54.2 81.2

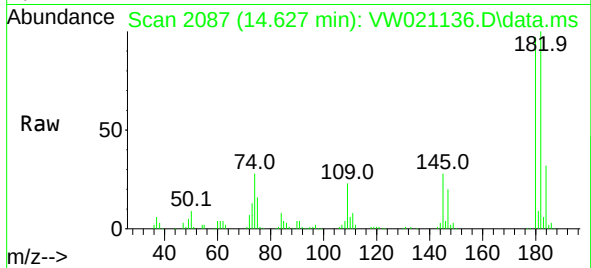
157 109.6 69.4 104.2#



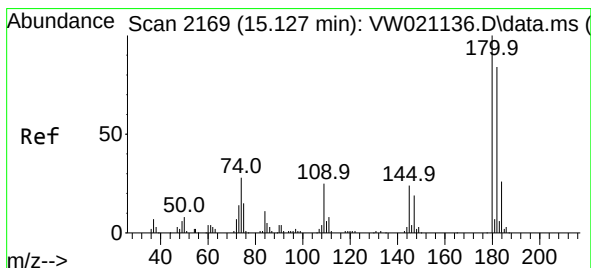
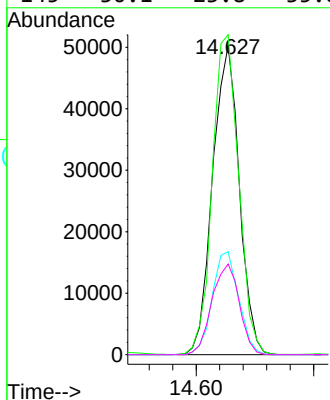
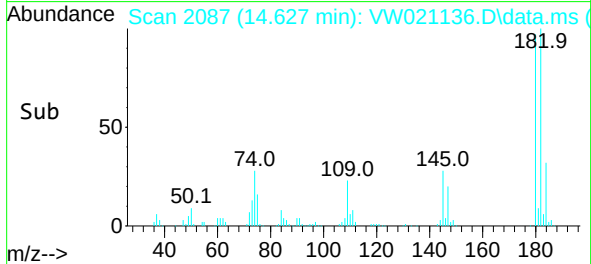


#69
1,3,5-Trichlorobenzene
Concen: 22.794 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Instrument :
MSVOA_W
ClientSampleId :

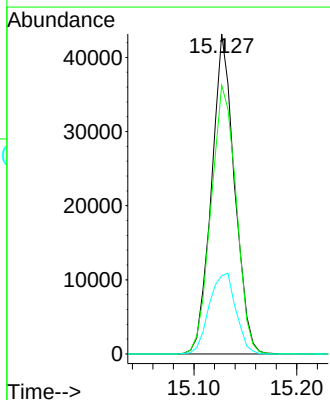
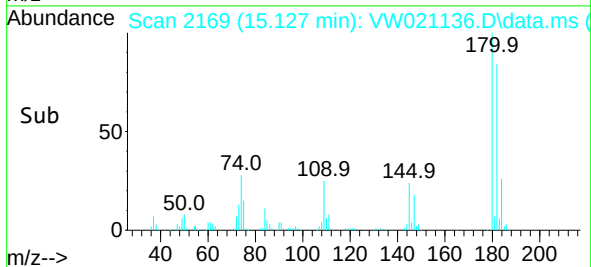
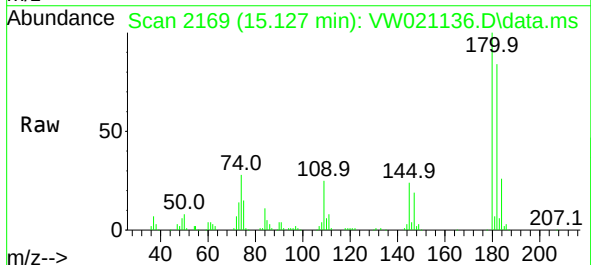


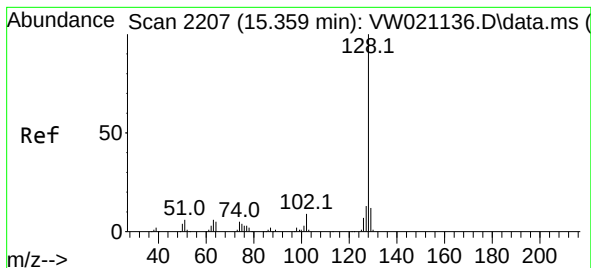
Tgt Ion:180 Resp: 79279
Ion Ratio Lower Upper
180 100
182 102.4 75.4 113.0
184 33.0 23.8 35.8
145 30.1 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.494 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021136.D
Acq: 04 Dec 2021 23:26

Tgt Ion:180 Resp: 67144
Ion Ratio Lower Upper
180 100
182 91.5 79.0 118.6
145 29.1 26.0 39.0





#71

Naphthalene

Concen: 23.355 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Instrument :

MSVOA_W

ClientSampleId :

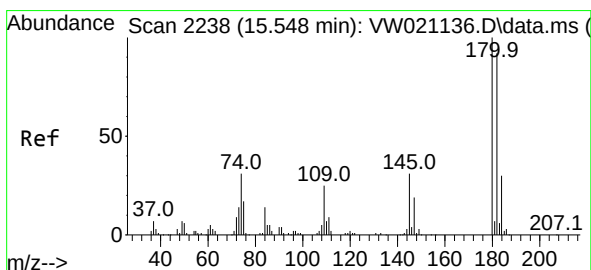
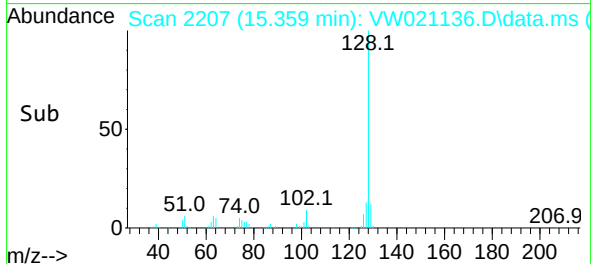
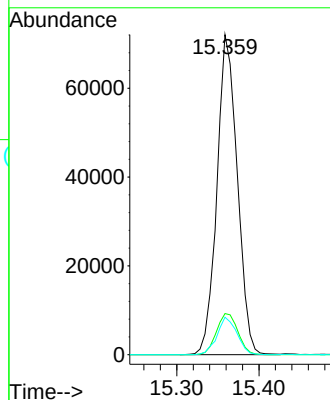
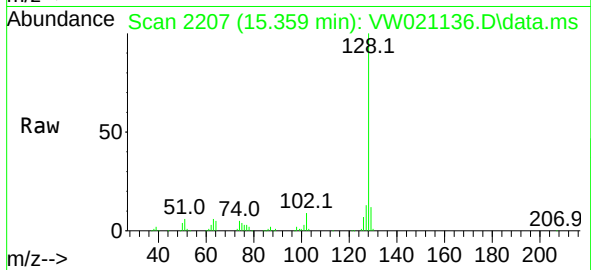
Tgt Ion:128 Resp: 124082

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.970 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021136.D

Acq: 04 Dec 2021 23:26

Tgt Ion:180 Resp: 54799

Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 33.6 27.4 41.0

