

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021440.D
 Acq On : 17 Dec 2021 19:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:18:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	113590	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	107307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	65917	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39946	19.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.240%
7) Chloroethane-d5	2.879	69	28730	21.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	4.019	63	59414	21.542	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.074	46	20584	70.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.180%#
24) Chloroform-d	7.647	84	74766	23.619	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	8.305	65	41572	24.689	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.268	84	135392	23.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	9.274	67	38836	24.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.323	98	136682	22.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.573	79	17892	24.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	10.920	63	17997	77.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.300%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40766	30.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.240%#
66) 1,2-Dichlorobenzene-d4	13.853	152	57868	22.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	14883	33.911	ug/L	99
3) Chloromethane	2.215	50	29534	20.326	ug/L	100
5) Vinyl chloride	2.355	62	48793	21.391	ug/L	98
6) Bromomethane	2.776	94	33032	22.326	ug/L	98
8) Chloroethane	2.916	64	23730	22.582	ug/L	98
9) Trichlorofluoromethane	3.251	101	24725	20.544	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	37707	24.040	ug/L	92
12) 1,1-Dichloroethene	4.037	96	33270	23.629	ug/L	75
13) Acetone	4.123	43	14023	53.641	ug/L	96
14) Carbon disulfide	4.379	76	78187	21.503	ug/L	100
15) Methyl Acetate	4.665	43	14421	31.971	ug/L	# 89
16) Methylene chloride	4.909	84	36702	19.555	ug/L	82
17) trans-1,2-Dichloroethene	5.415	96	36303	23.813	ug/L	84
18) Methyl tert-butyl Ether	5.427	73	57558	27.337	ug/L	94
19) 1,1-Dichloroethane	6.214	63	58495	24.452	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	39272	24.423	ug/L	75
22) 2-Butanone	7.165	43	20397	59.745	ug/L	88
23) Bromochloromethane	7.506	128	18946	25.199	ug/L	# 69
25) Chloroform	7.671	83	67598	24.341	ug/L	97

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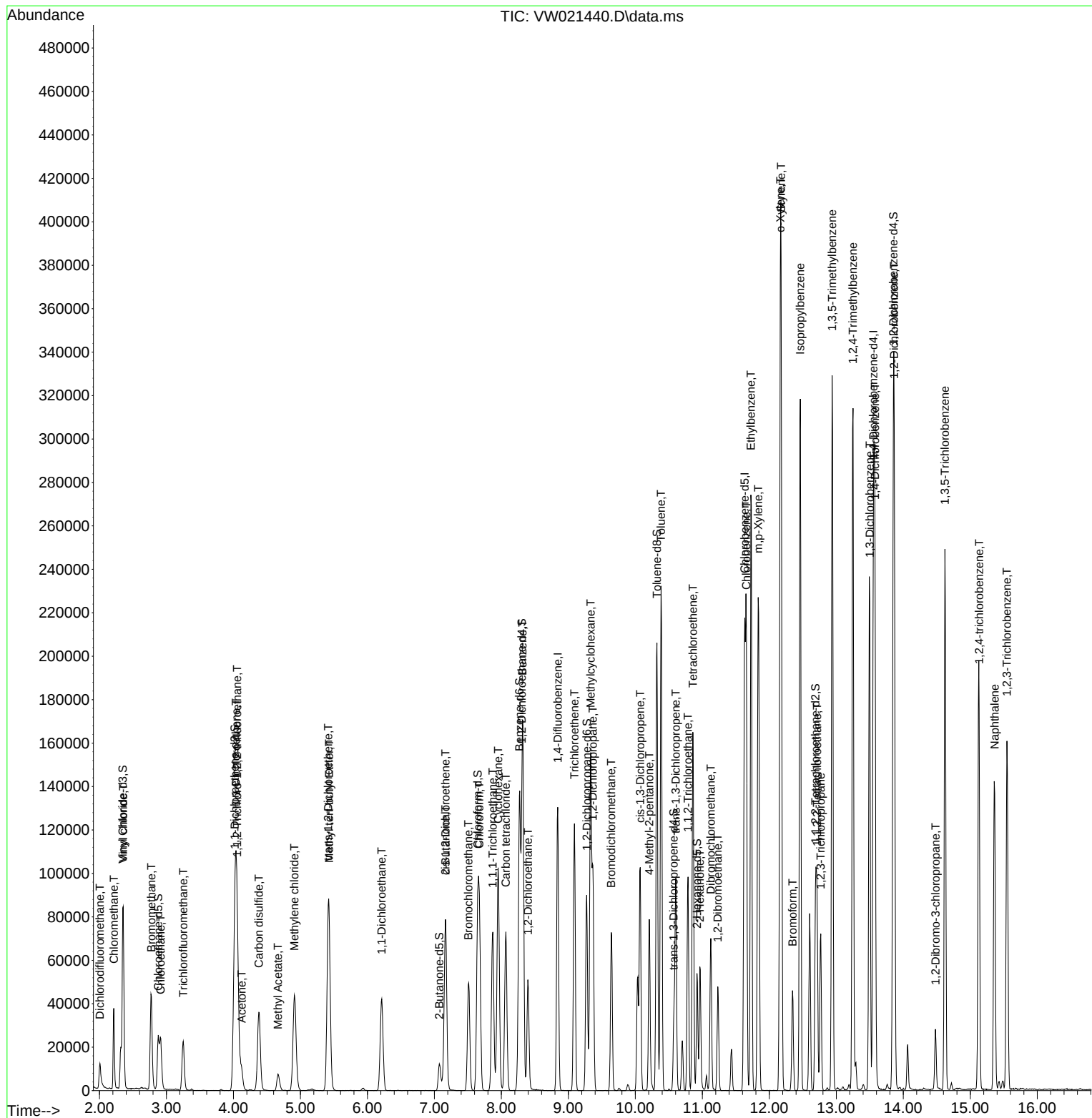
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	46306	26.331	ug/L	97
29) Cyclohexane	7.951	56	53044	24.835	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	59578	24.745	ug/L	95
31) Carbon tetrachloride	8.067	117	55350	24.921	ug/L	99
33) Benzene	8.317	78	142587	24.392	ug/L	100
34) Trichloroethene	9.091	95	40310	24.565	ug/L	94
35) Methylcyclohexane	9.335	83	66325	24.503	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	33277	25.521	ug/L #	97
38) Bromodichloromethane	9.640	83	47073	26.257	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	55052	26.784	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	47451	66.789	ug/L #	91
42) Toluene	10.384	91	166959	24.421	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	50424	28.009	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	30538	28.615	ug/L	92
46) Tetrachloroethene	10.859	164	36463	23.391	ug/L	87
48) 2-Hexanone	10.963	43	34720	67.389	ug/L #	91
49) Dibromochloromethane	11.128	129	36171	27.493	ug/L	98
50) 1,2-Dibromoethane	11.231	107	30729	28.933	ug/L #	100
51) Chlorobenzene	11.658	112	113904	24.885	ug/L	94
52) Ethylbenzene	11.725	91	192958	24.698	ug/L	100
53) m,p-Xylene	11.835	106	77289	24.523	ug/L	88
54) o-Xylene	12.164	106	74993	25.072	ug/L	84
55) Styrene	12.176	104	129247	25.390	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	37224	30.427	ug/L #	95
59) Bromoform	12.347	173	21774	27.762	ug/L	96
60) Isopropylbenzene	12.463	105	206984	23.109	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	27640	28.811	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	175470	23.022	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	173359	23.057	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	98964	23.425	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	97970	23.340	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	90703	24.386	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6224	31.453	ug/L #	58
69) 1,3,5-Trichlorobenzene	14.621	180	74444	23.576	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	65253	25.692	ug/L	94
71) Naphthalene	15.365	128	127407	30.877	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56824	27.072	ug/L	95

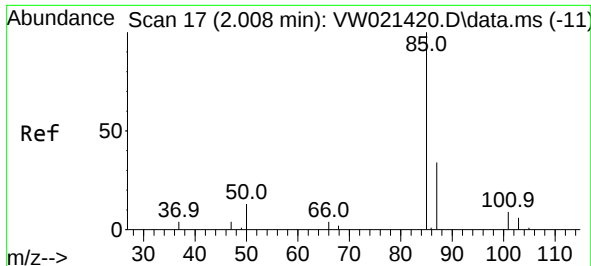
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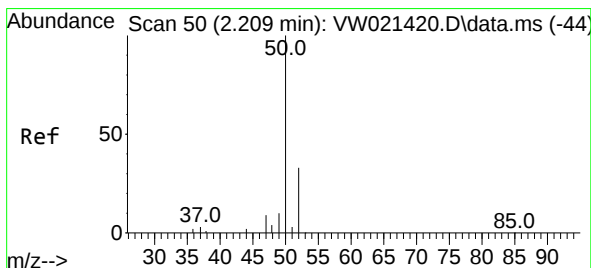
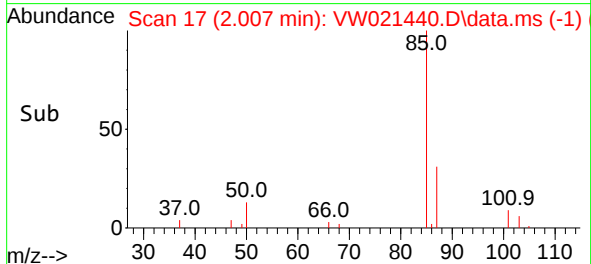
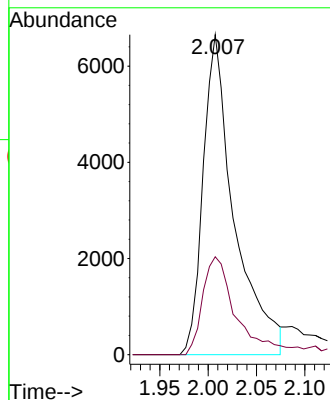
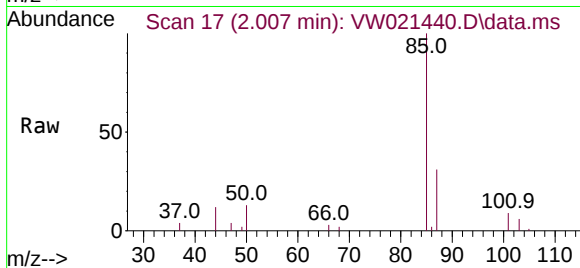




#2
 Dichlorodifluoromethane
 Concen: 33.911 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021440.D
 Acq: 17 Dec 2021 19:20

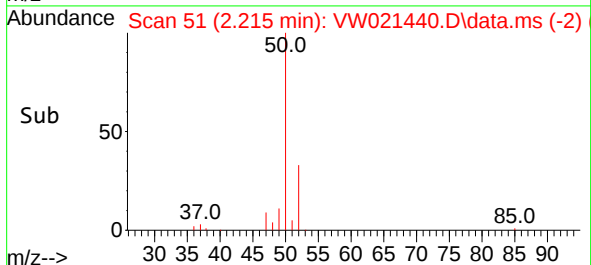
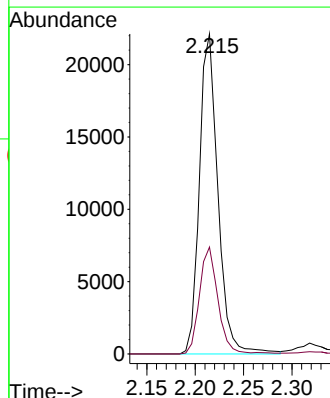
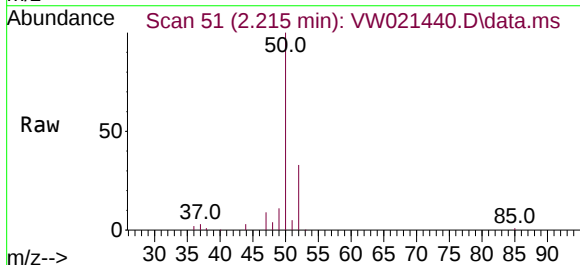
Instrument :
 MSVOA_W
 ClientSampleId :

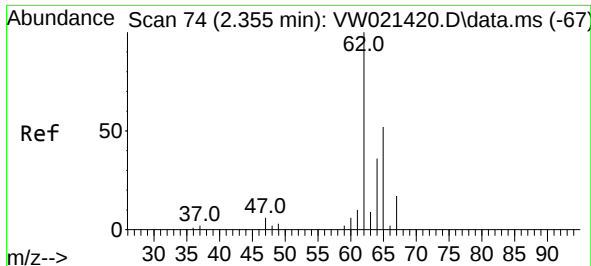
Tgt Ion: 85 Resp: 14883
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 20.326 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021440.D
 Acq: 17 Dec 2021 19:20

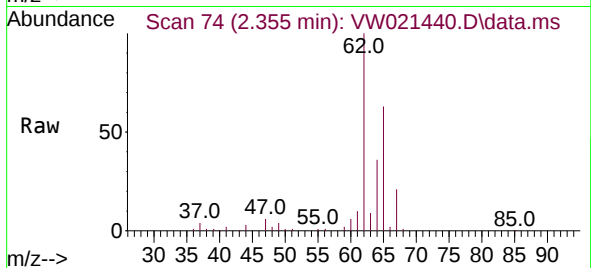
Tgt Ion: 50 Resp: 29534
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.6



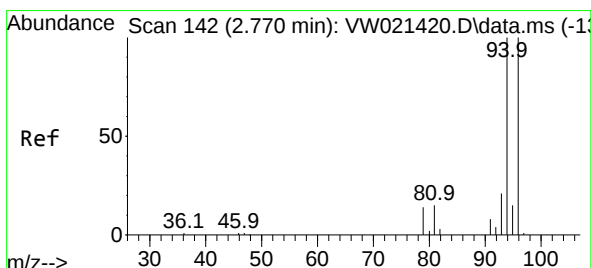
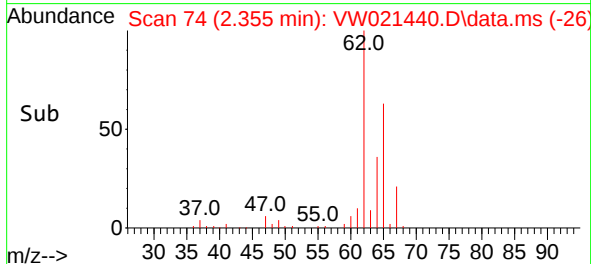
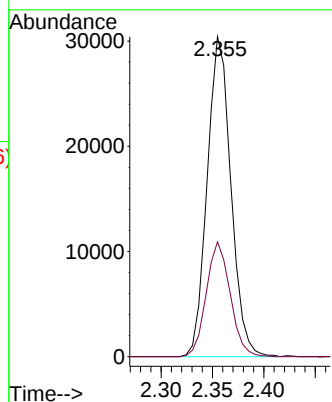


#5
 Vinyl chloride
 Concen: 21.391 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021440.D
 Acq: 17 Dec 2021 19:20

Instrument :
 MSVOA_W
 ClientSampleId :

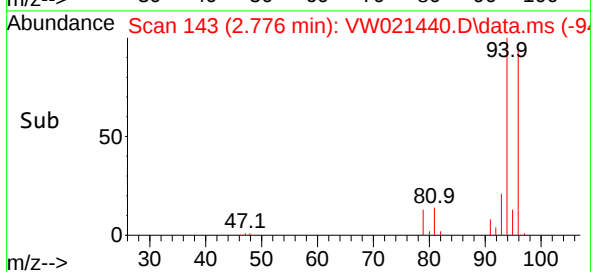
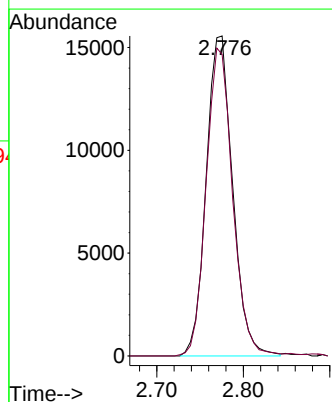
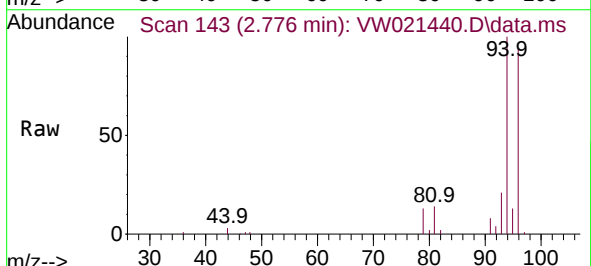


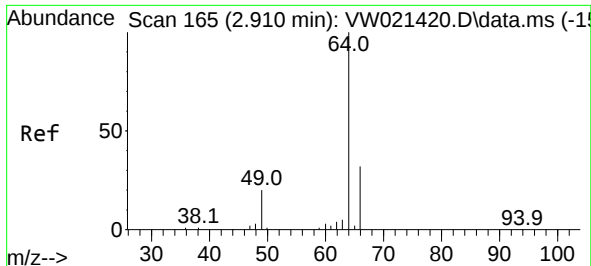
Tgt Ion: 62 Resp: 48793
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 22.326 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021440.D
 Acq: 17 Dec 2021 19:20

Tgt Ion: 94 Resp: 33032
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.8 120.4

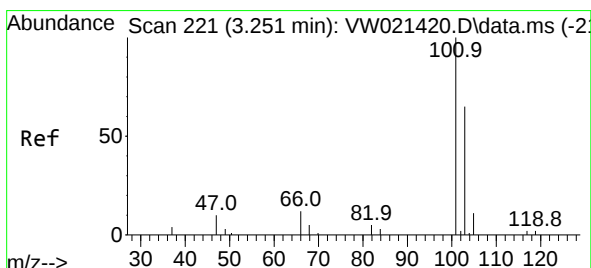
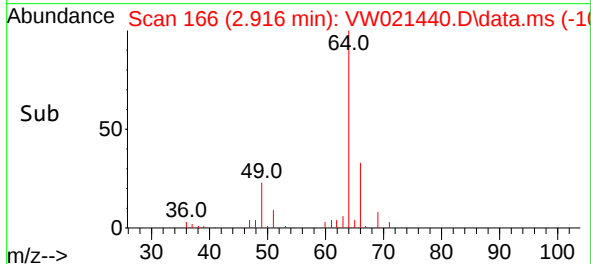
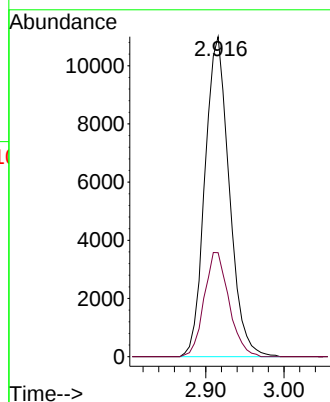
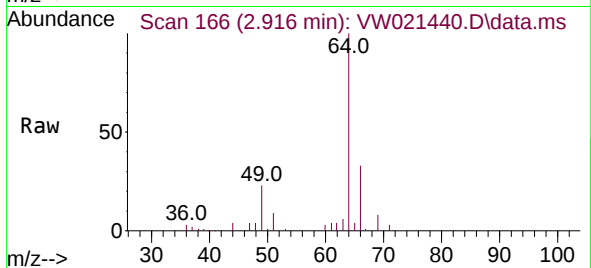




#8
Chloroethane
Concen: 22.582 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

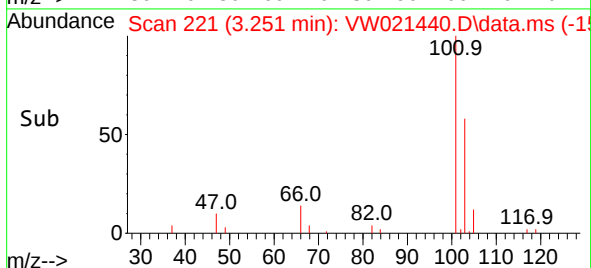
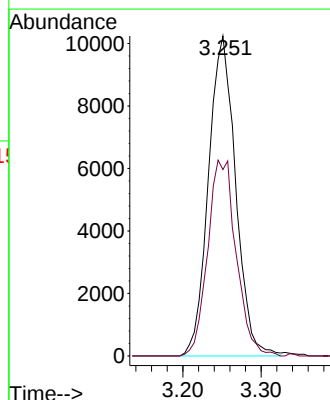
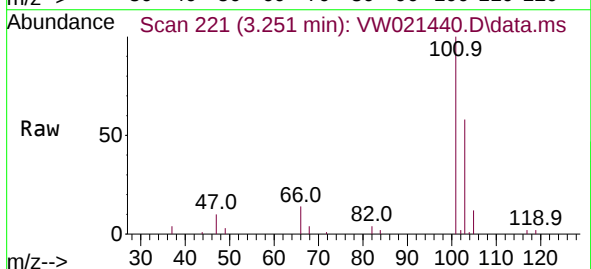
Instrument :
MSVOA_W
ClientSampleId :

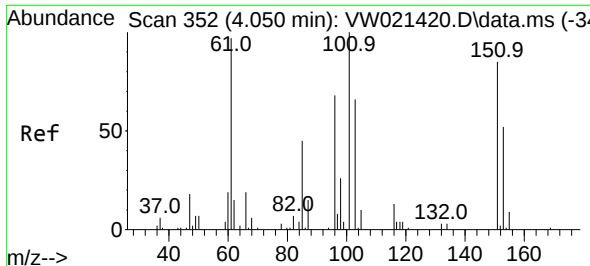
Tgt Ion: 64 Resp: 23730
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 20.544 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion:101 Resp: 24725
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.040 ug/L

RT: 4.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :

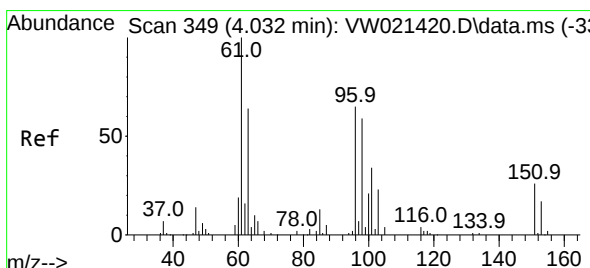
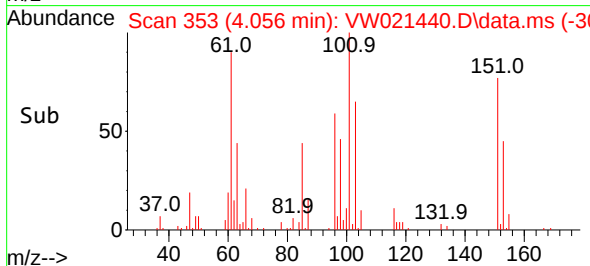
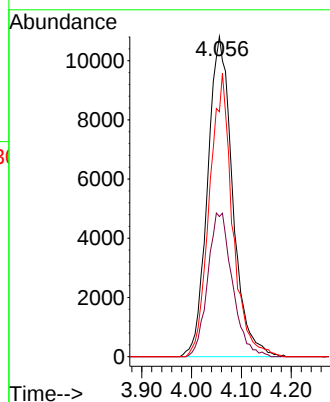
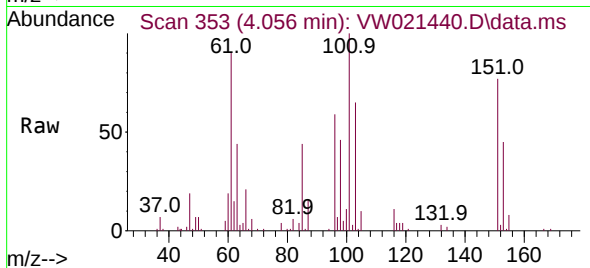
Tgt Ion:101 Resp: 37707

Ion Ratio Lower Upper

101 100

85 44.0 36.6 54.8

151 81.2 57.4 86.0



#12

1,1-Dichloroethene

Concen: 23.629 ug/L

RT: 4.037 min Scan# 350

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

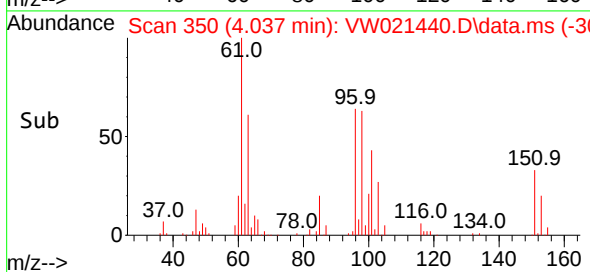
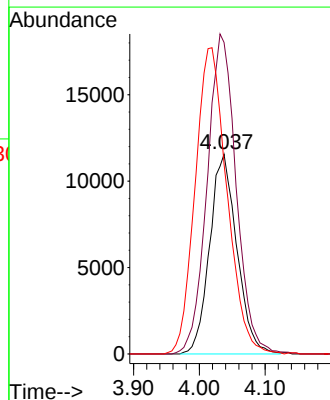
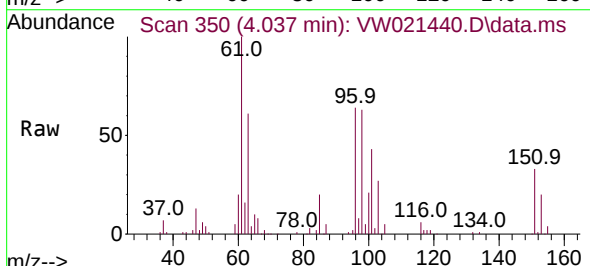
Tgt Ion: 96 Resp: 33270

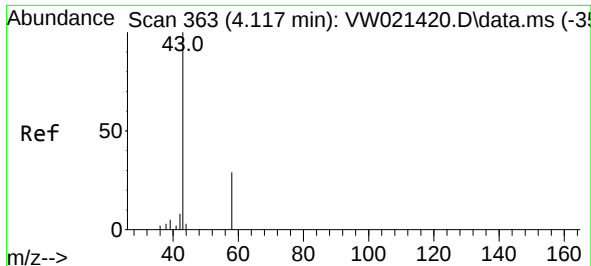
Ion Ratio Lower Upper

96 100

61 156.1 138.3 256.9

63 95.2 82.6 153.4

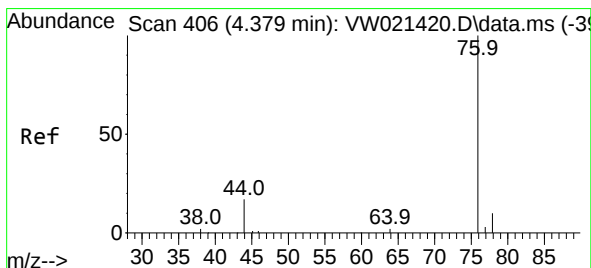
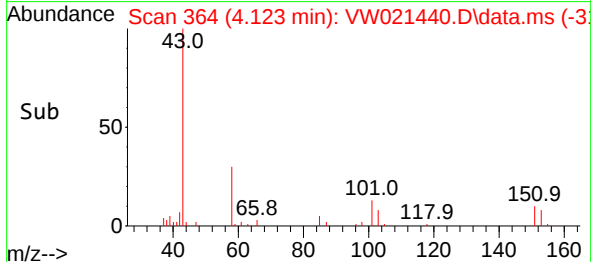
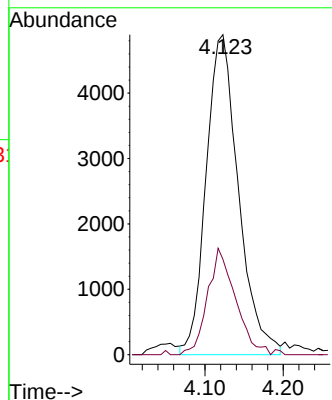
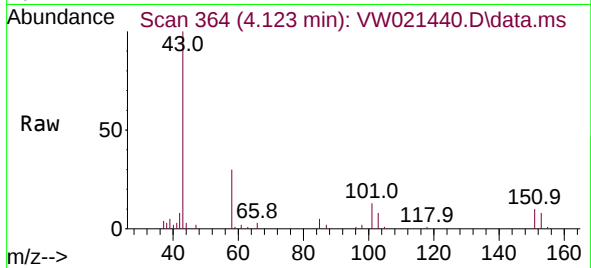




#13
Acetone
Concen: 53.641 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

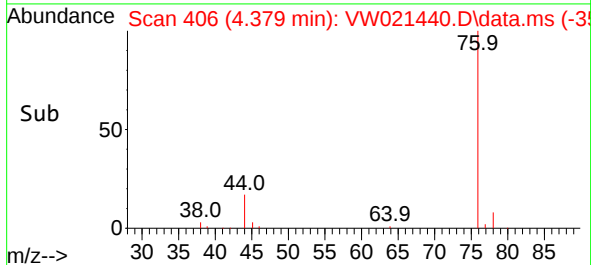
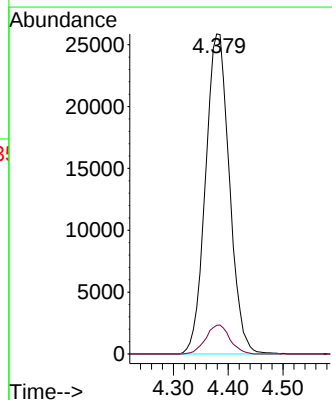
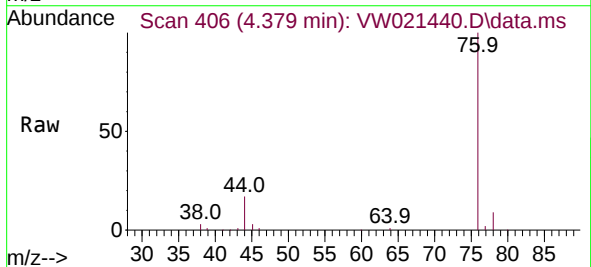
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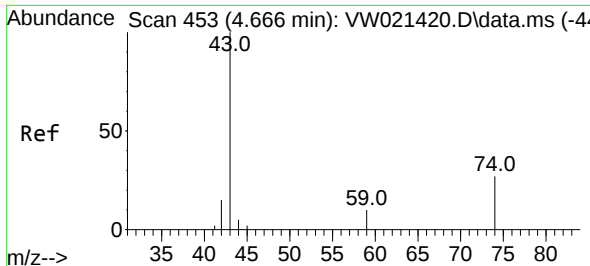
Tgt Ion: 43 Resp: 14023
Ion Ratio Lower Upper
43 100
58 28.4 0.0 52.8



#14
Carbon disulfide
Concen: 21.503 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 76 Resp: 78187
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

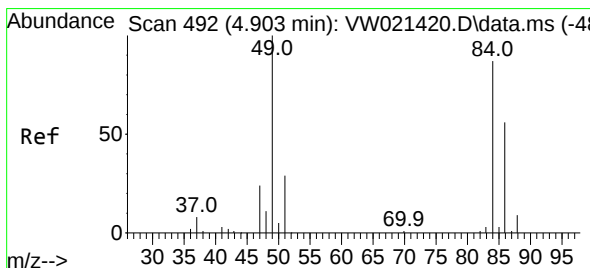
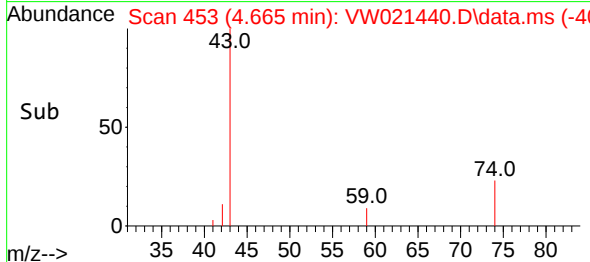
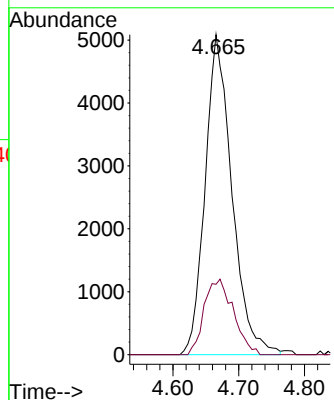
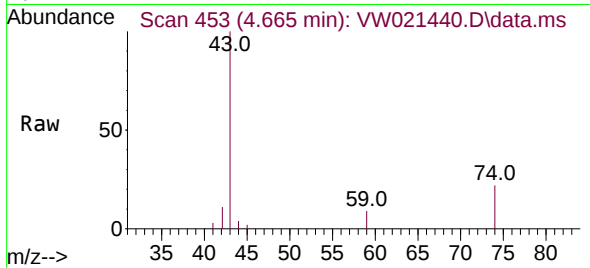




#15
Methyl Acetate
Concen: 31.971 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

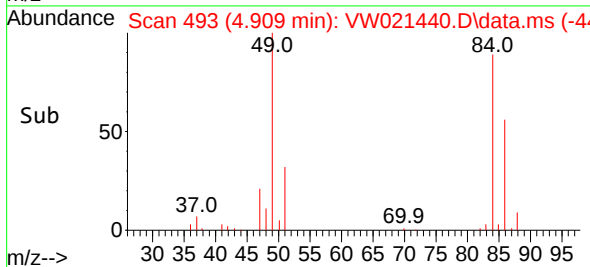
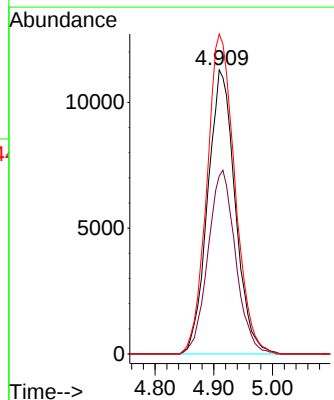
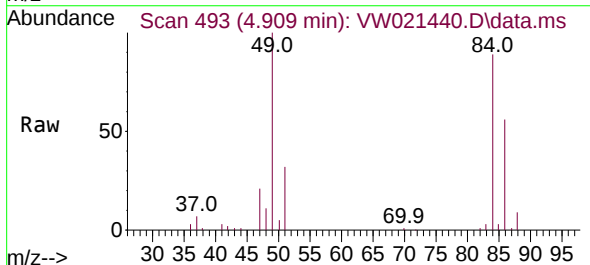
Instrument :
MSVOA_W
ClientSampleId :

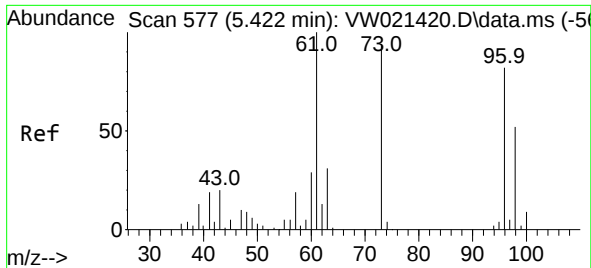
Tgt Ion: 43 Resp: 14421
Ion Ratio Lower Upper
43 100
74 25.6 16.4 24.6#



#16
Methylene chloride
Concen: 19.555 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

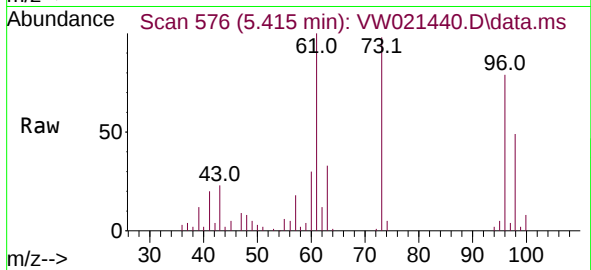
Tgt Ion: 84 Resp: 36702
Ion Ratio Lower Upper
84 100
86 62.7 45.5 84.5
49 112.7 100.5 186.7





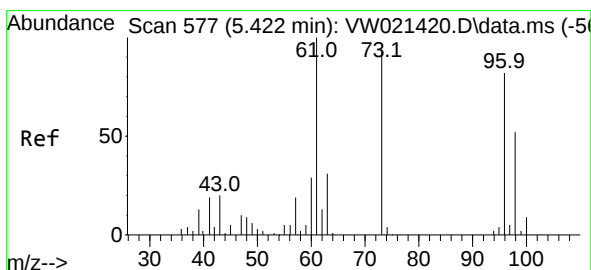
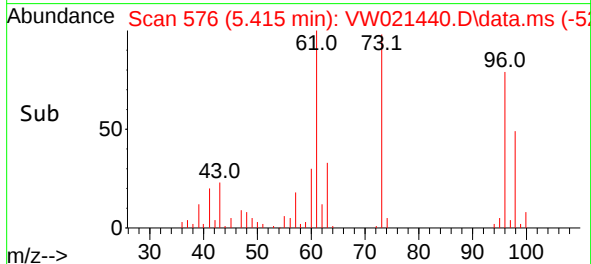
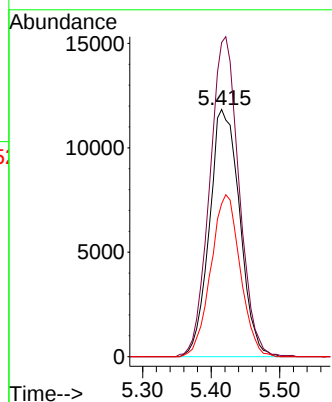
#17
trans-1,2-Dichloroethene
Concen: 23.813 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 36303

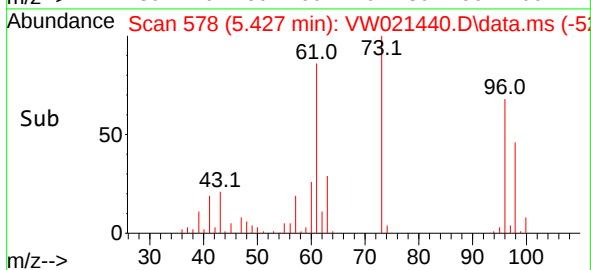
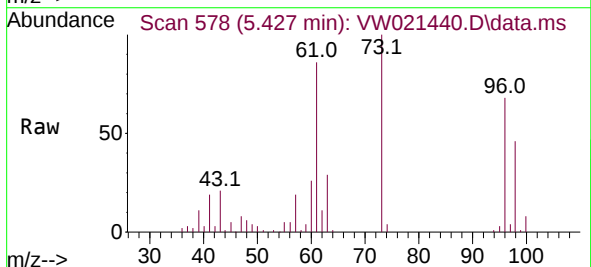
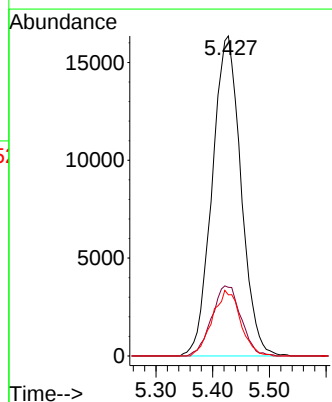
Ion	Ratio	Lower	Upper
96	100		
61	127.1	107.4	199.4
98	61.9	41.2	76.6

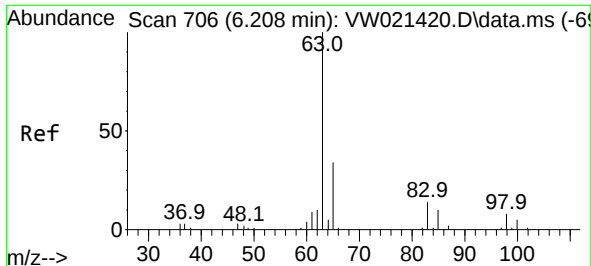


#18
Methyl tert-butyl Ether
Concen: 27.337 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 73 Resp: 57558

Ion	Ratio	Lower	Upper
73	100		
43	22.3	19.5	29.3
57	20.0	19.3	28.9





#19

1,1-Dichloroethane

Concen: 24.452 ug/L

RT: 6.214 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW021440.D

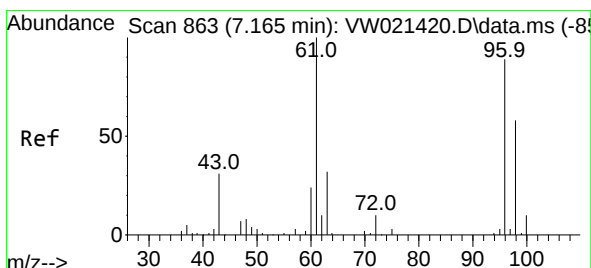
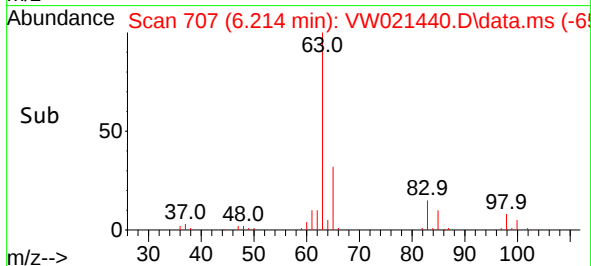
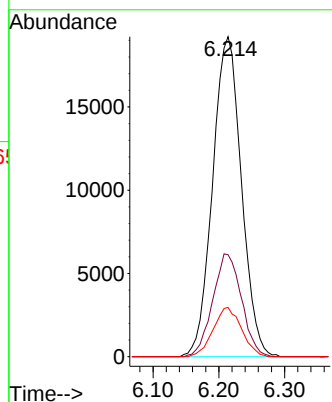
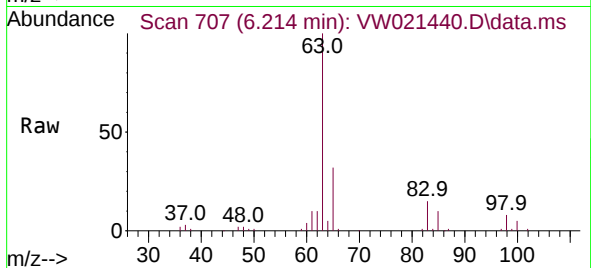
Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	58495
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.1	41.1
83	15.4	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.423 ug/L

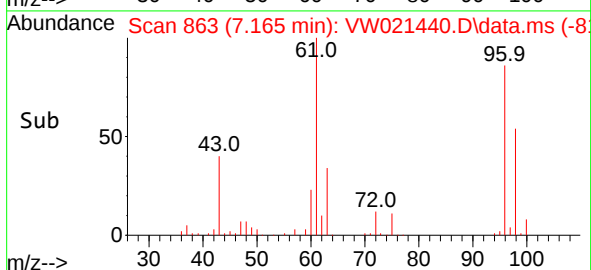
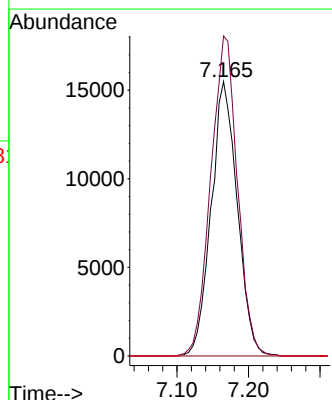
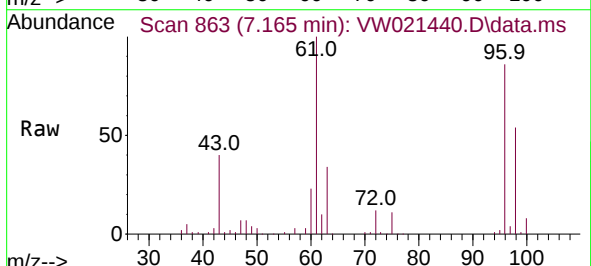
RT: 7.165 min Scan# 863

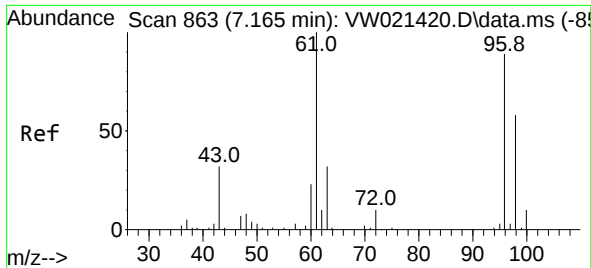
Delta R.T. -0.006 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Tgt Ion:	96	Resp:	39272
Ion	Ratio	Lower	Upper
96	100		
61	116.6	103.7	192.7
68	0.0	0.0	0.0

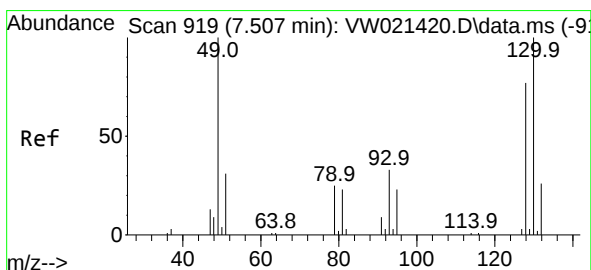
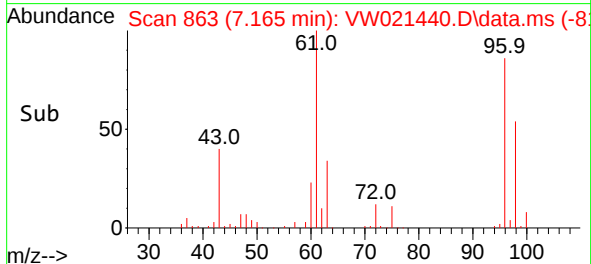
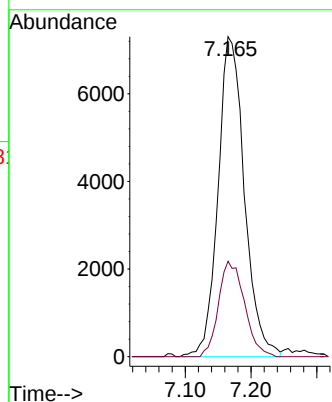
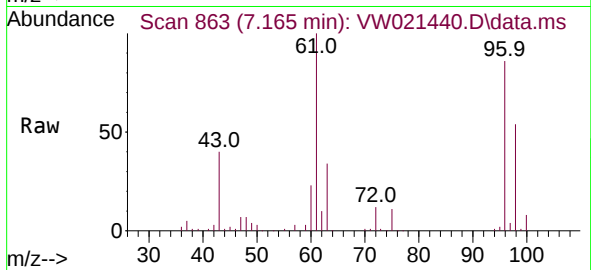




#22
2-Butanone
Concen: 59.745 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

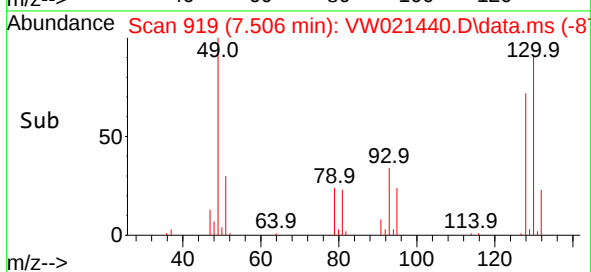
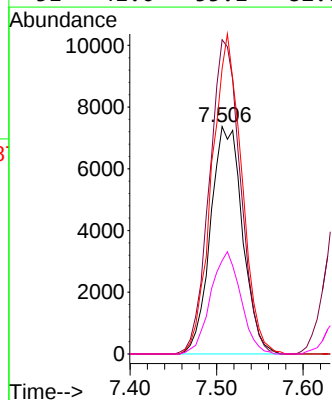
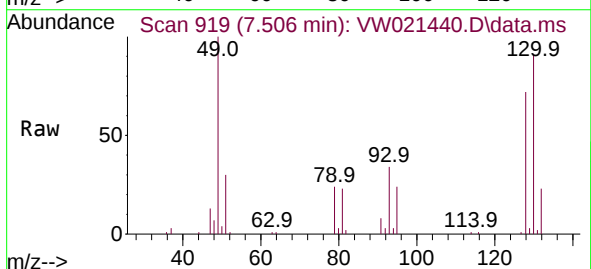
Instrument :
MSVOA_W
ClientSampleId :

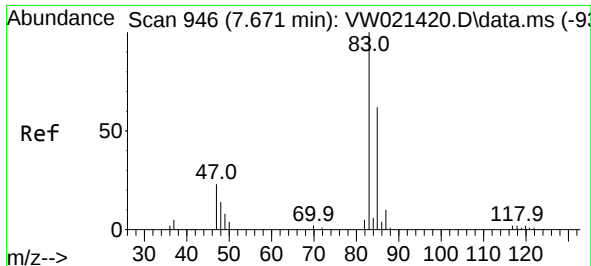
Tgt Ion: 43 Resp: 20397
Ion Ratio Lower Upper
43 100
72 29.3 11.8 35.4



#23
Bromochloromethane
Concen: 25.199 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 128 Resp: 18946
Ion Ratio Lower Upper
128 100
49 138.2 150.3 279.1#
130 125.6 88.3 163.9
51 41.0 55.1 82.7#

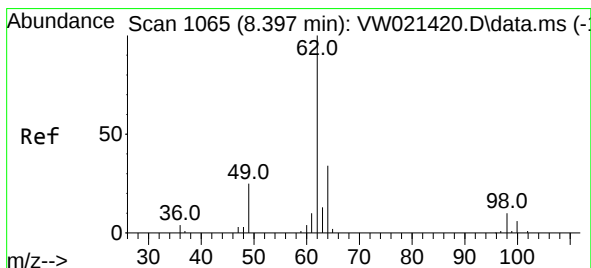
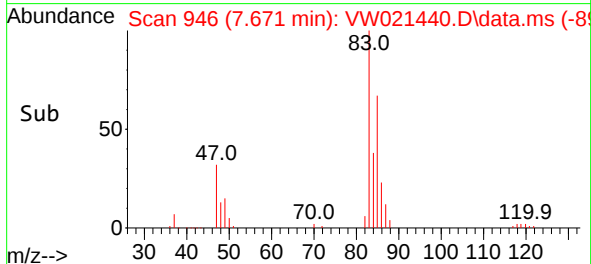
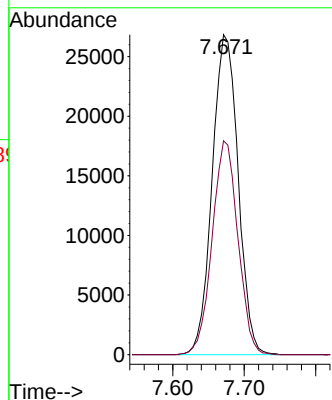
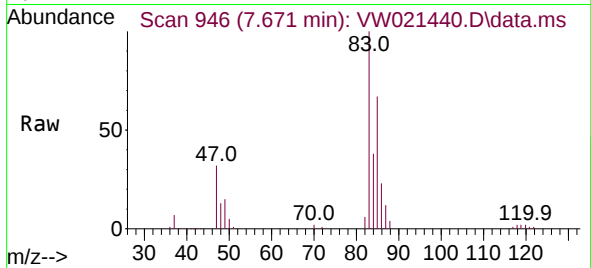




#25
Chloroform
Concen: 24.341 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

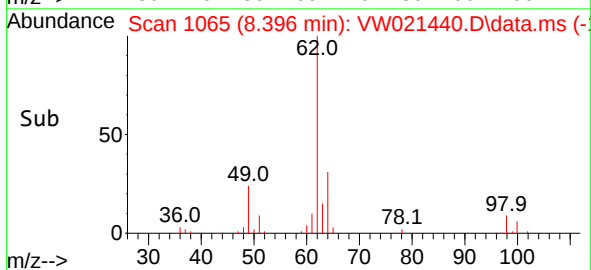
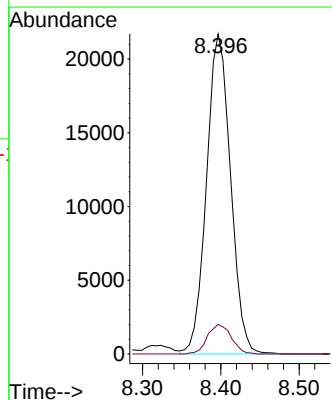
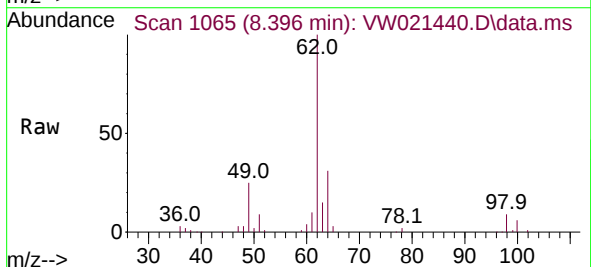
Instrument :
MSVOA_W
ClientSampleId :

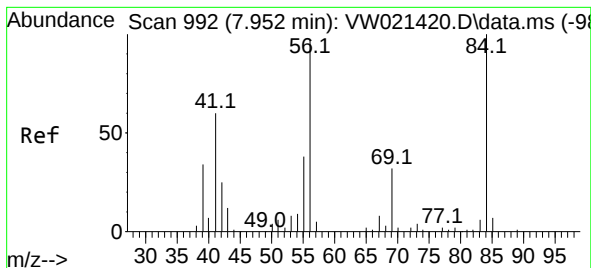
Tgt Ion: 83 Resp: 67598
Ion Ratio Lower Upper
83 100
85 66.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.331 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 62 Resp: 46306
Ion Ratio Lower Upper
62 100
98 9.2 6.5 9.7





#29

Cyclohexane

Concen: 24.835 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW021440.D

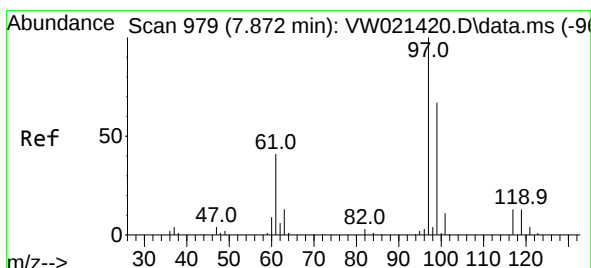
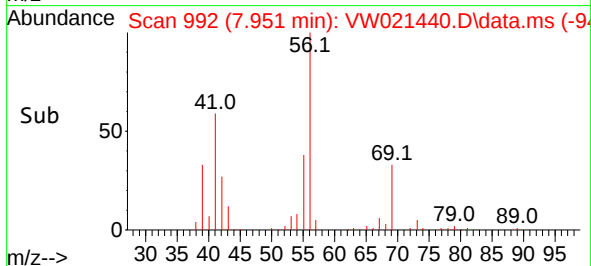
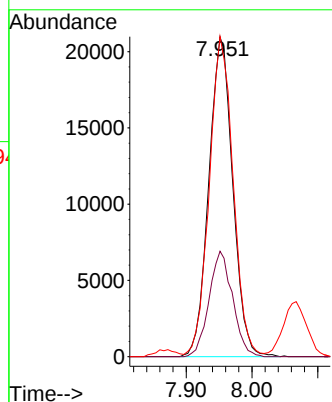
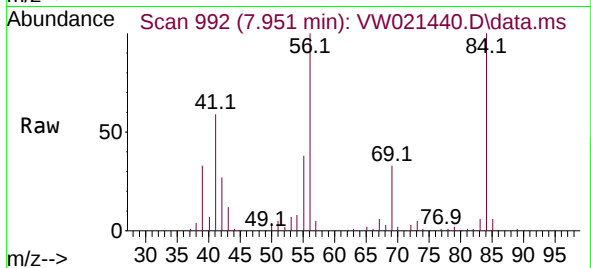
Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	53044
Ion	Ratio	Lower	Upper
56	100		
69	32.5	23.5	35.3
84	99.9	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 24.745 ug/L

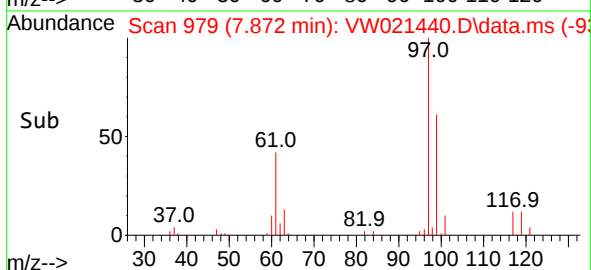
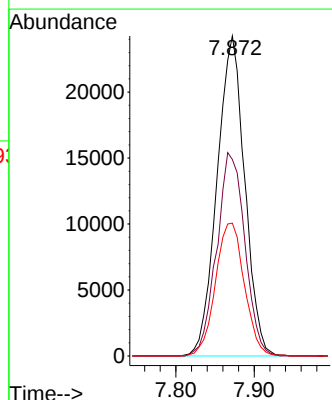
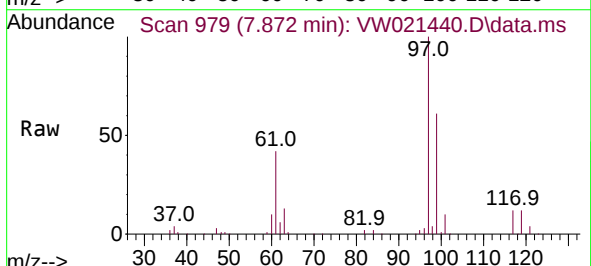
RT: 7.872 min Scan# 979

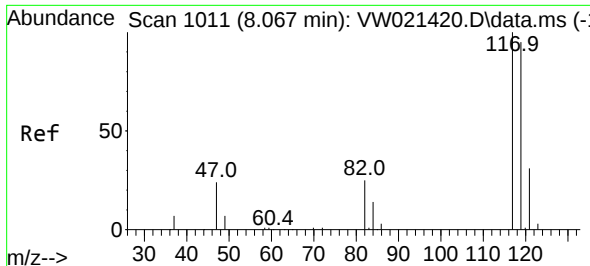
Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Tgt Ion:	97	Resp:	59578
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.2	40.9	61.3

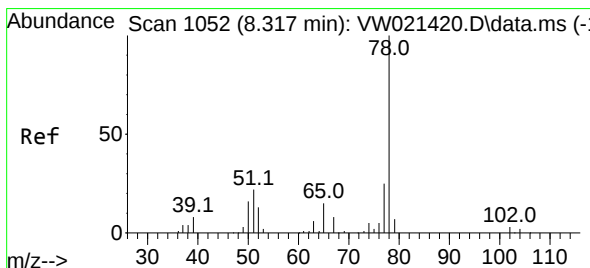
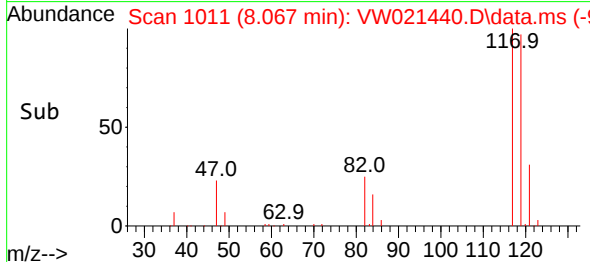
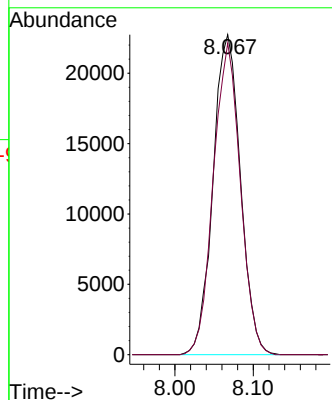
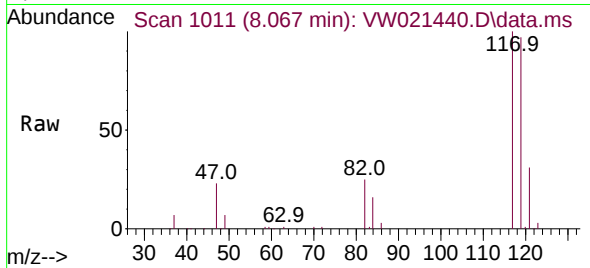




#31
Carbon tetrachloride
Concen: 24.921 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

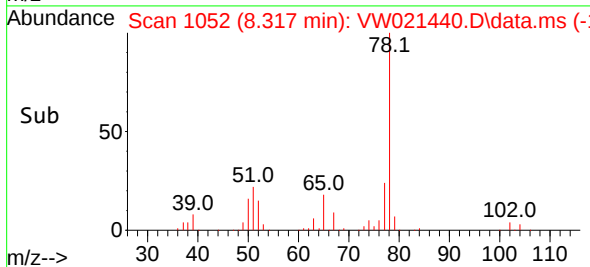
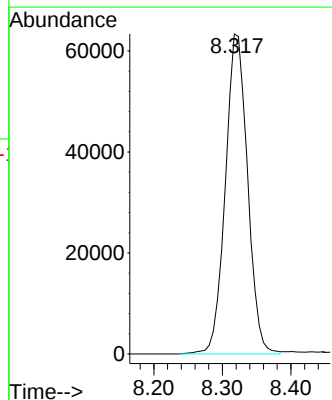
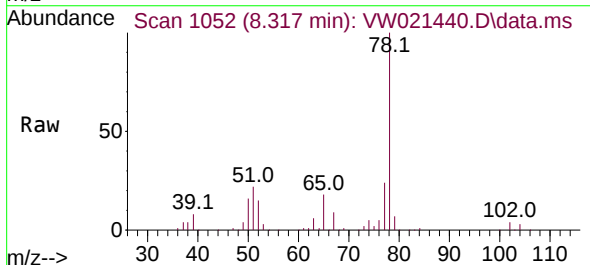
Instrument :
MSVOA_W
ClientSampleId :

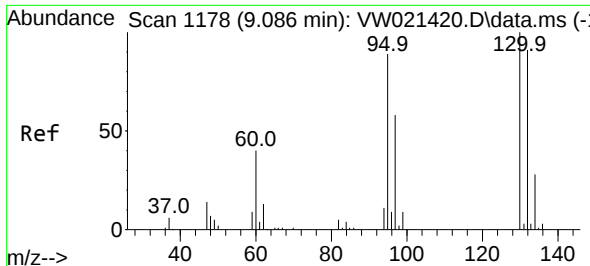
Tgt Ion:117 Resp: 55350
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5



#33
Benzene
Concen: 24.392 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 78 Resp: 142587

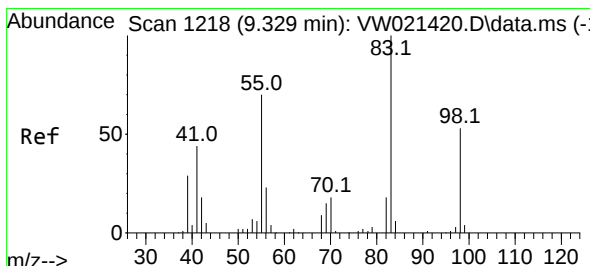
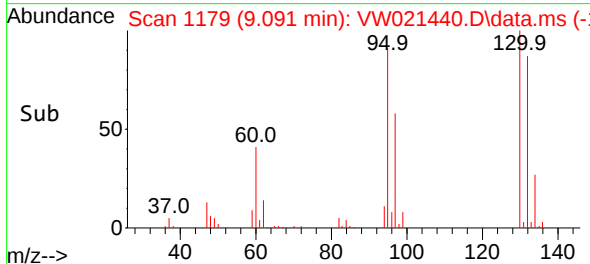
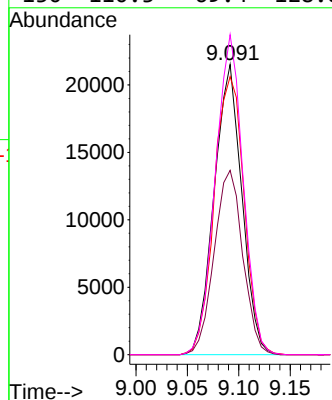
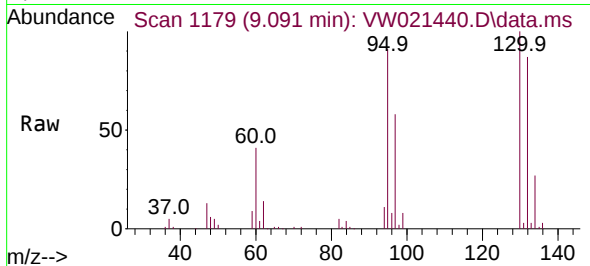




#34
Trichloroethene
Concen: 24.565 ug/L
RT: 9.091 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

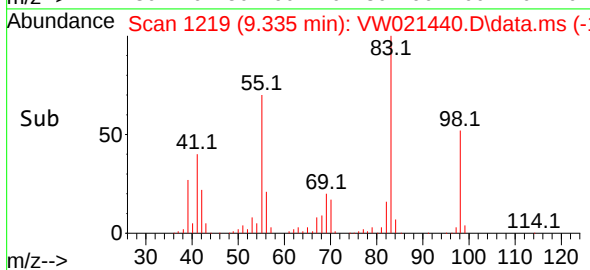
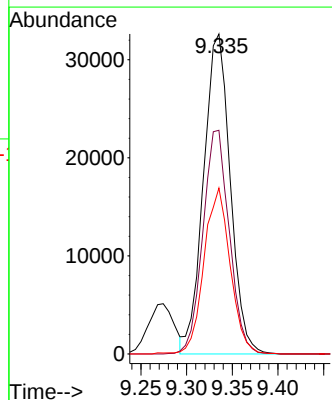
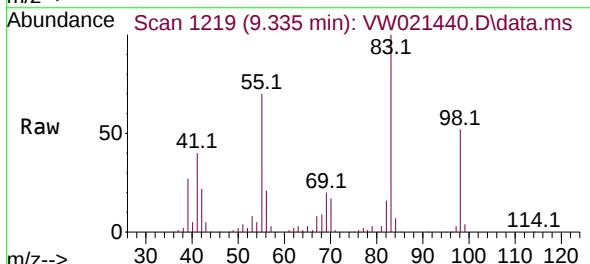
Instrument :
MSVOA_W
ClientSampleId :

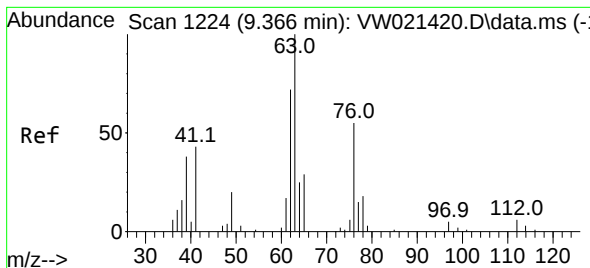
Tgt Ion: 95 Resp: 40310
Ion Ratio Lower Upper
95 100
97 63.5 47.0 87.2
132 95.8 65.5 121.6
130 110.3 69.4 128.8



#35
Methylcyclohexane
Concen: 24.503 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 83 Resp: 66325
Ion Ratio Lower Upper
83 100
55 69.0 70.8 106.2#
98 50.7 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.521 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

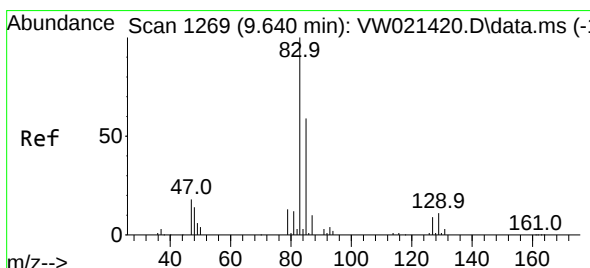
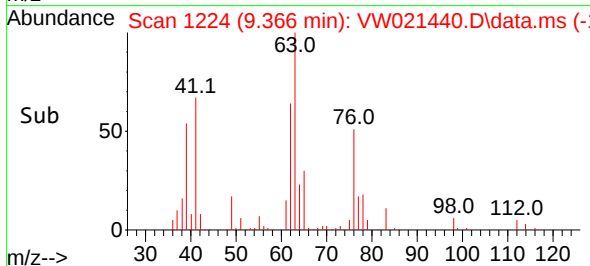
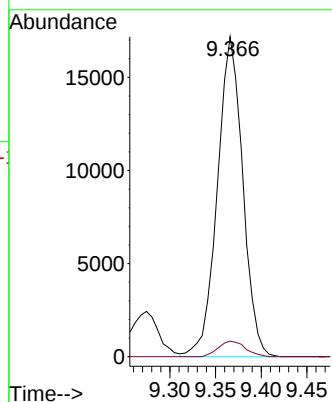
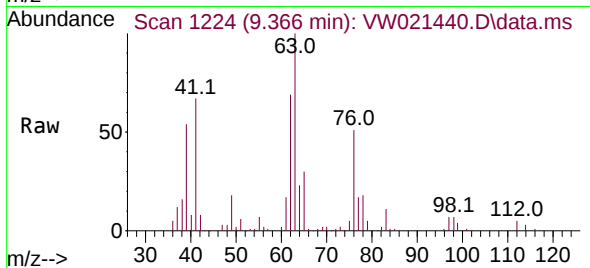
ClientSampleId :

Tgt Ion: 63 Resp: 33277

Ion Ratio Lower Upper

63 100

112 5.1 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.257 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

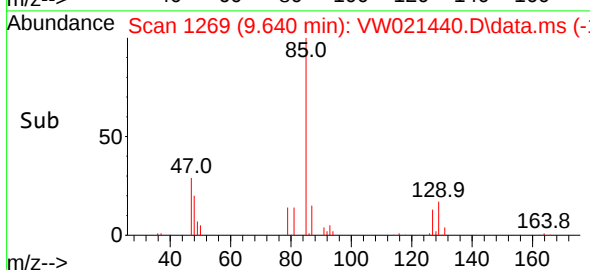
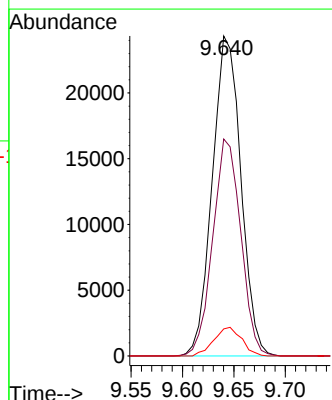
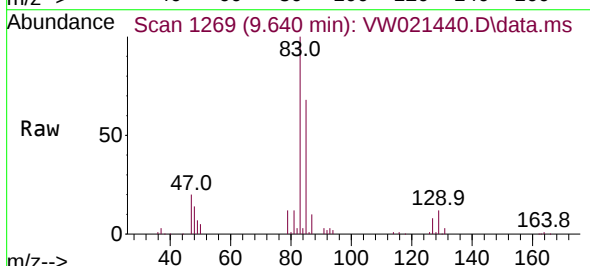
Tgt Ion: 83 Resp: 47073

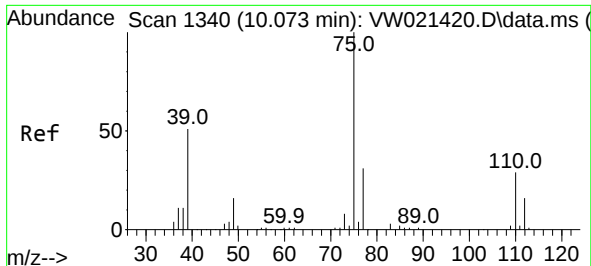
Ion Ratio Lower Upper

83 100

85 67.8 44.1 81.9

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.784 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

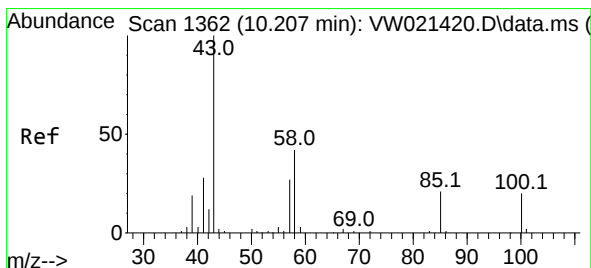
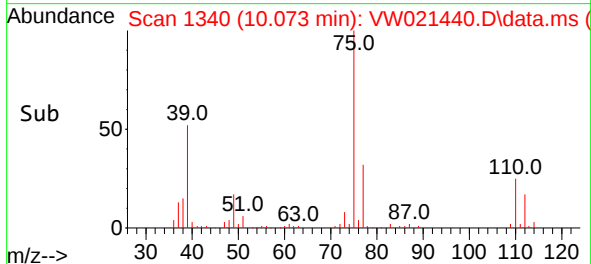
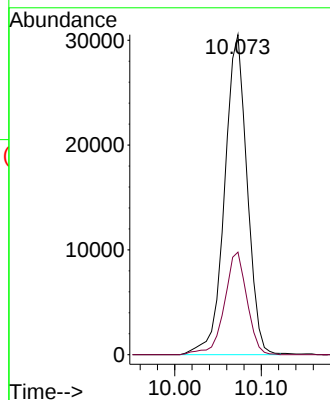
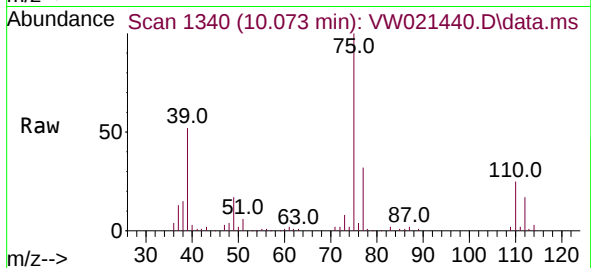
ClientSampleId :

Tgt Ion: 75 Resp: 55052

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 66.789 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

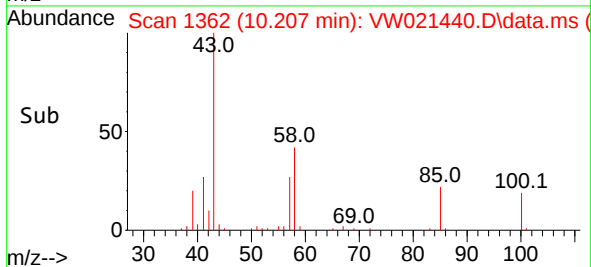
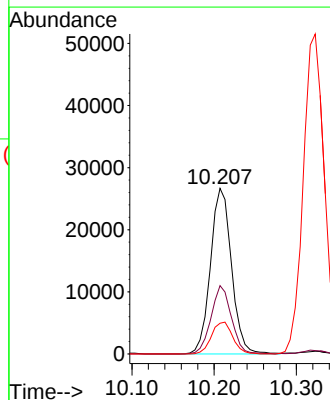
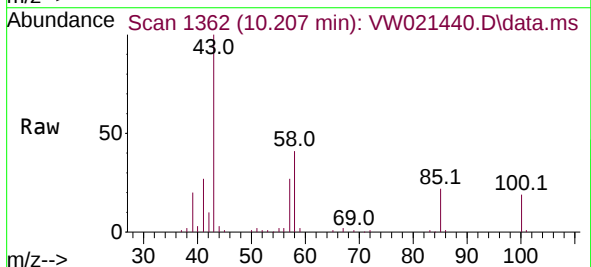
Tgt Ion: 43 Resp: 47451

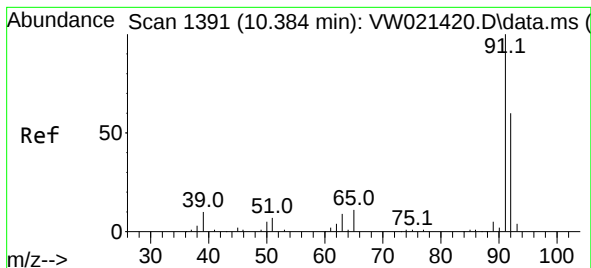
Ion Ratio Lower Upper

43 100

58 39.9 28.8 43.2

100 19.4 10.0 15.0#





#42

Toluene

Concen: 24.421 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

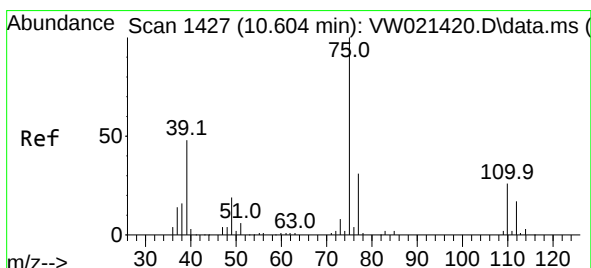
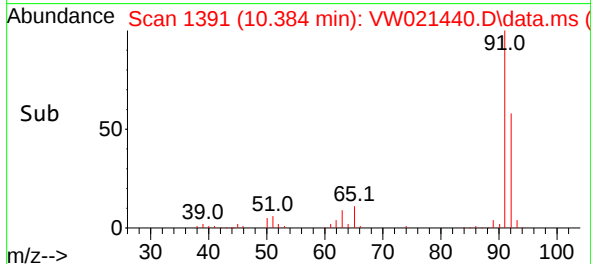
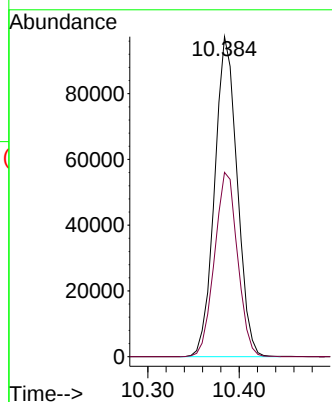
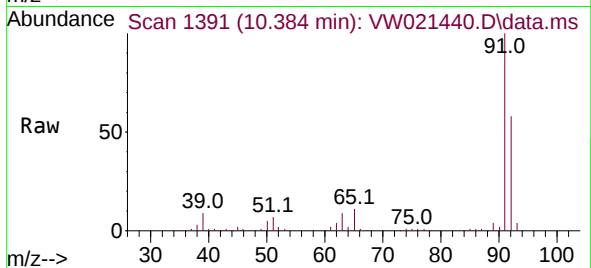
ClientSampleId :

Tgt Ion: 91 Resp: 166959

Ion Ratio Lower Upper

91 100

92 57.6 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 28.009 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021440.D

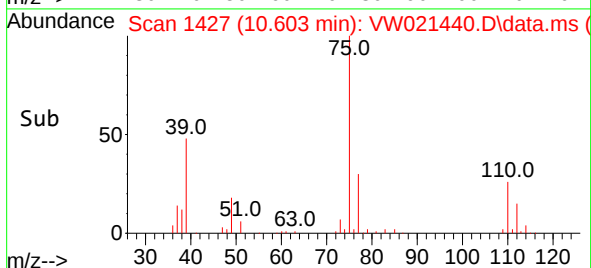
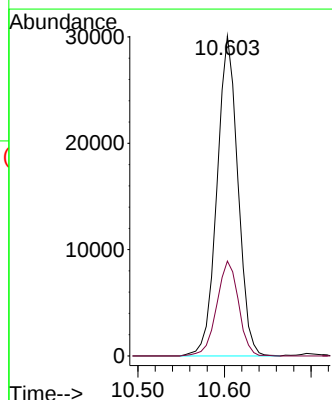
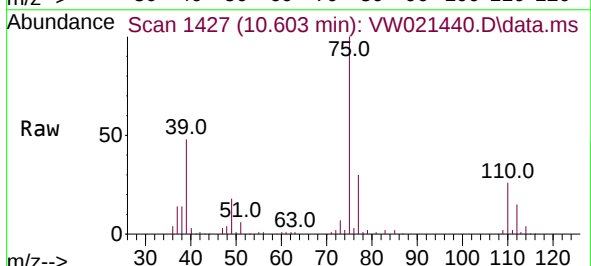
Acq: 17 Dec 2021 19:20

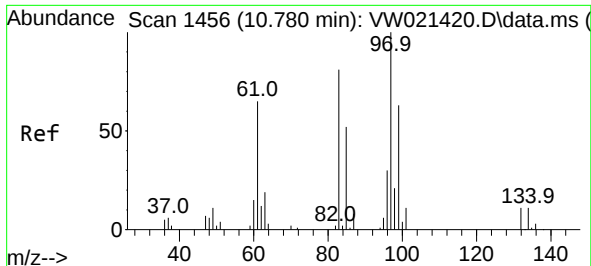
Tgt Ion: 75 Resp: 50424

Ion Ratio Lower Upper

75 100

77 29.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 28.615 ug/L

RT: 10.786 min Scan# 1456

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 30538

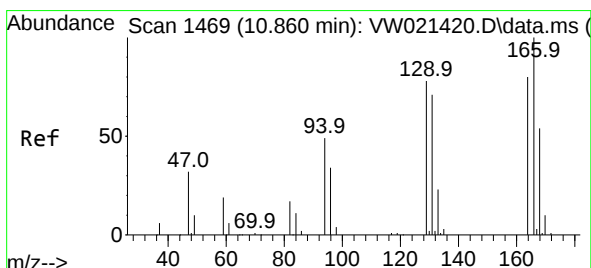
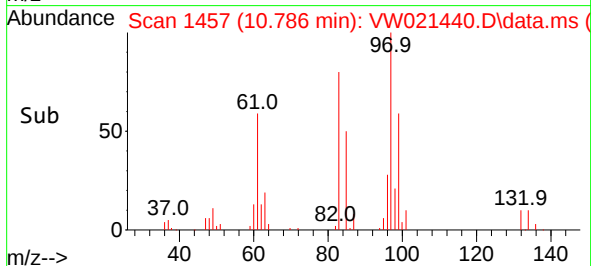
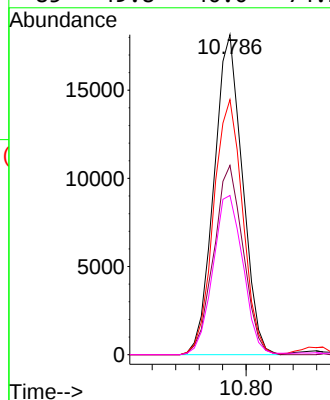
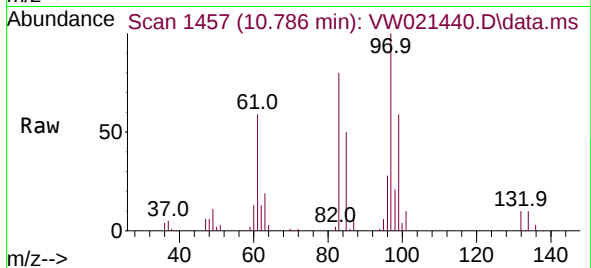
Ion Ratio Lower Upper

97 100

99 59.1 43.0 79.8

83 79.7 62.6 116.3

85 49.8 40.0 74.2



#46

Tetrachloroethene

Concen: 23.391 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Tgt Ion:164 Resp: 36463

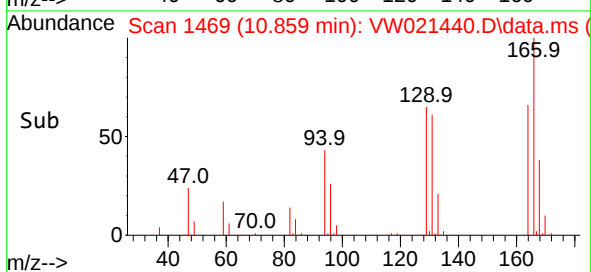
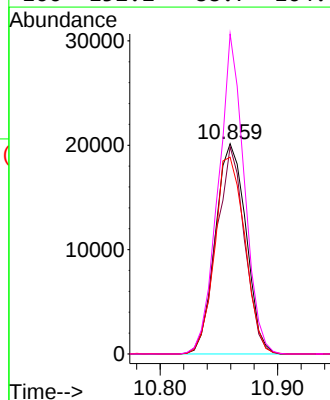
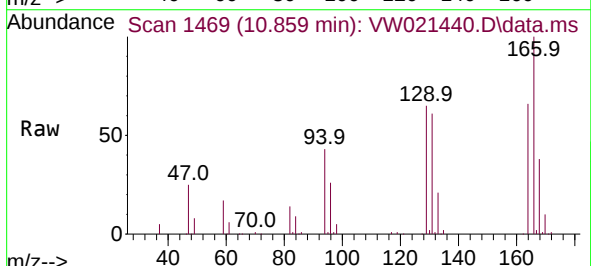
Ion Ratio Lower Upper

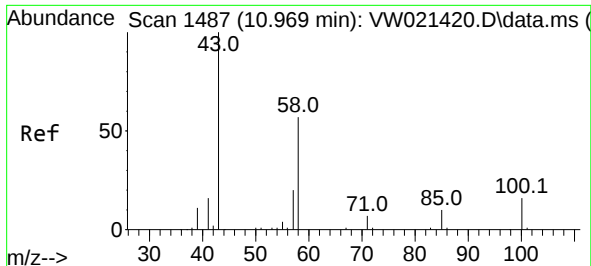
164 100

129 98.5 65.5 121.7

131 93.6 59.7 110.9

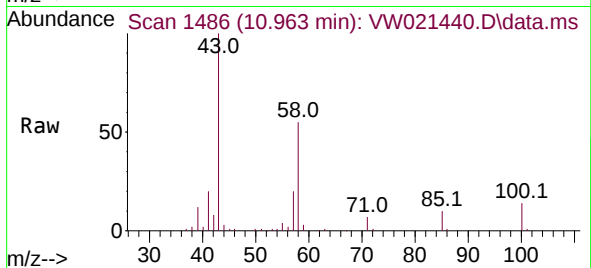
166 152.2 88.7 164.7



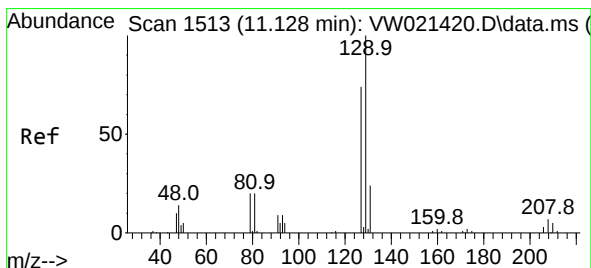
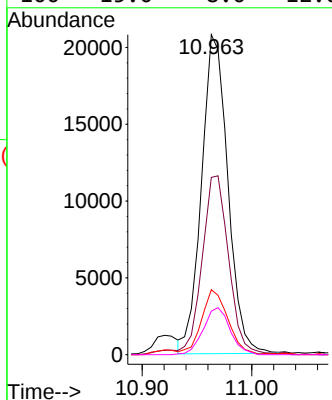
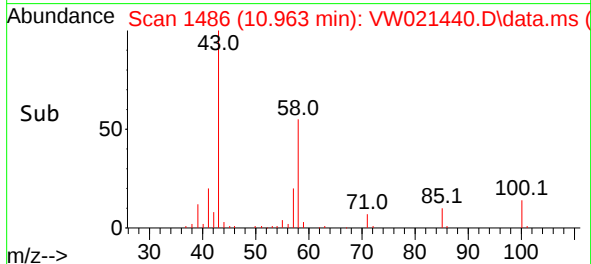


#48
2-Hexanone
Concen: 67.389 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Instrument :
MSVOA_W
ClientSampleId :

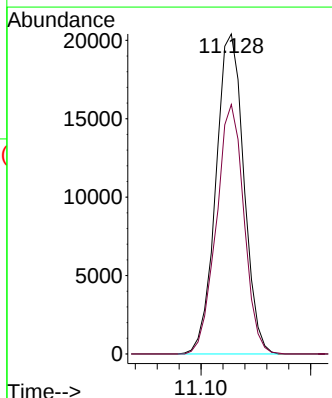
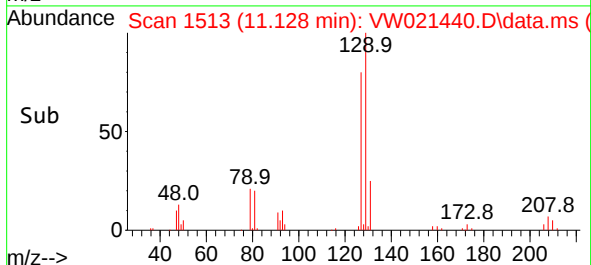
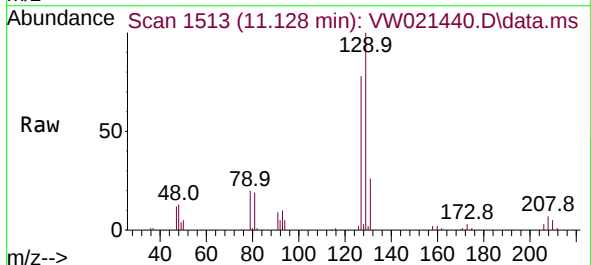


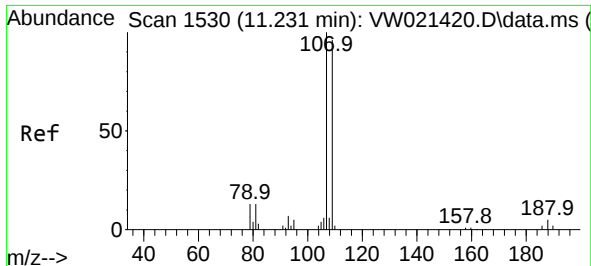
Tgt Ion: 43 Resp: 34720
Ion Ratio Lower Upper
43 100
58 56.3 40.2 60.2
57 20.4 14.3 21.5
100 15.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 27.493 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 129 Resp: 36171
Ion Ratio Lower Upper
129 100
127 78.0 55.7 103.5





#50

1,2-Dibromoethane

Concen: 28.933 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :

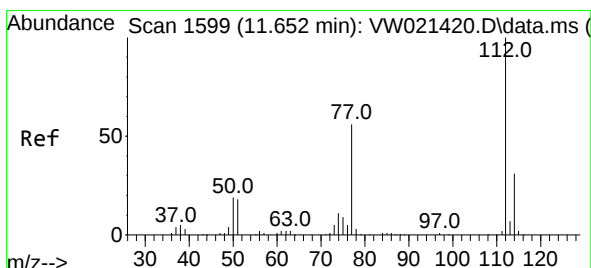
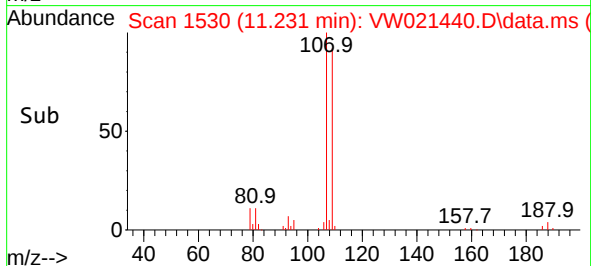
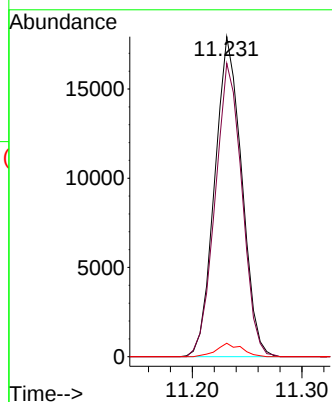
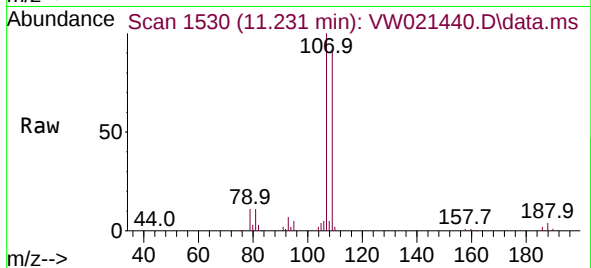
Tgt Ion:107 Resp: 30729

Ion Ratio Lower Upper

107 100

109 91.7 64.1 119.1

188 4.2 2.6 3.8#



#51

Chlorobenzene

Concen: 24.885 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

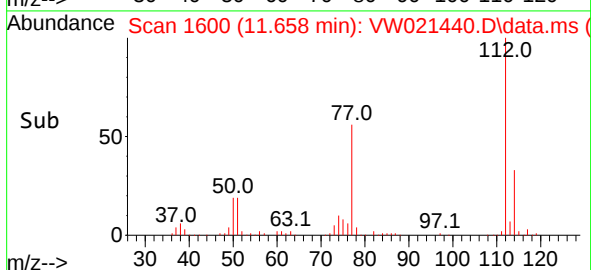
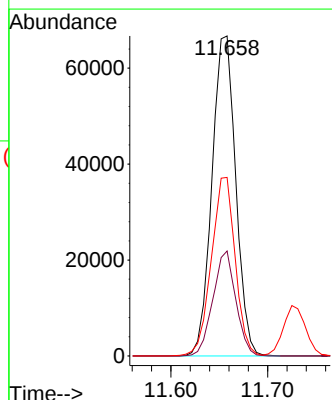
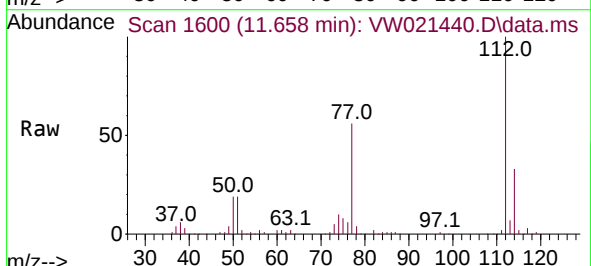
Tgt Ion:112 Resp: 113904

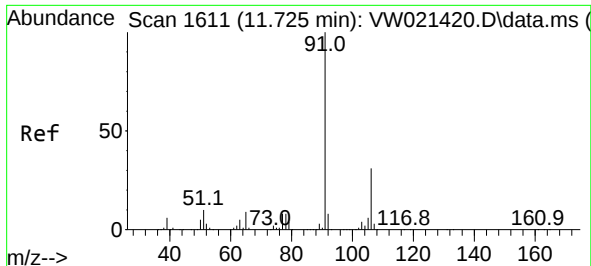
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 55.8 50.2 75.4

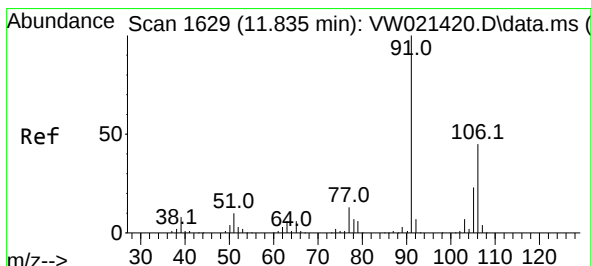
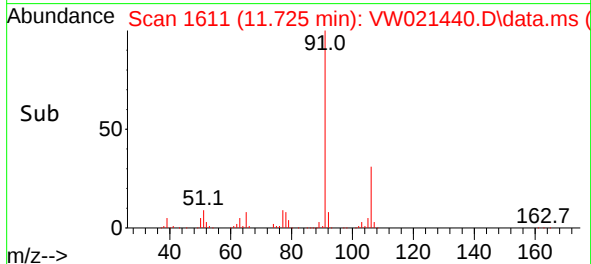
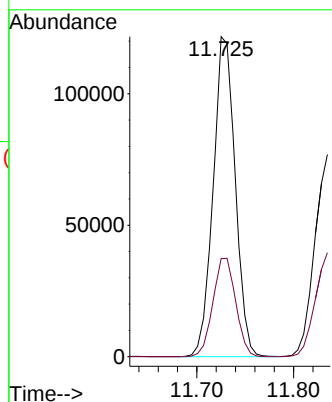
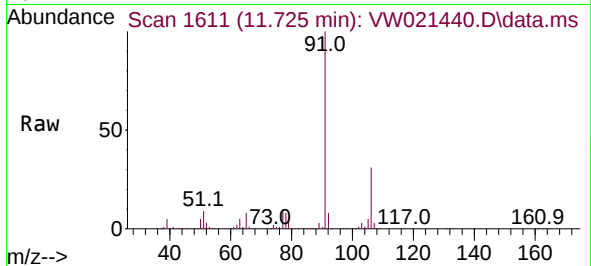




#52
Ethylbenzene
Concen: 24.698 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

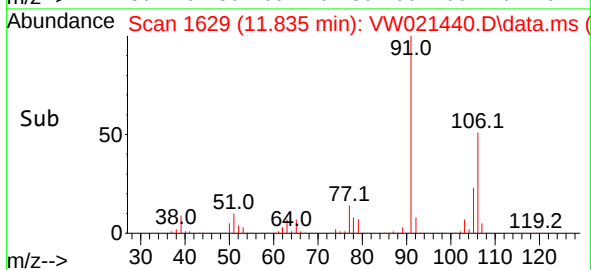
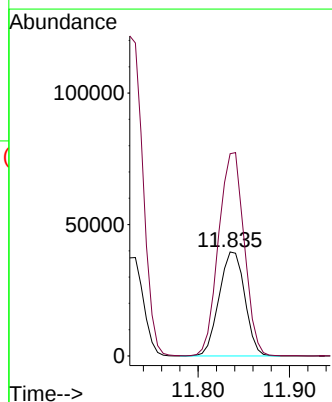
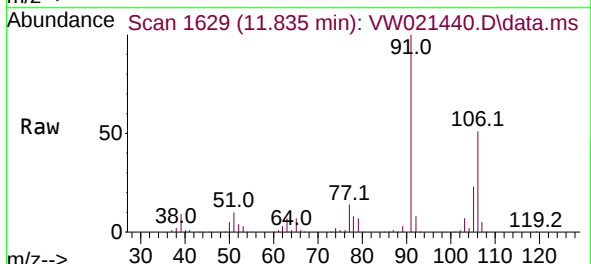
Instrument :
MSVOA_W
ClientSampleId :

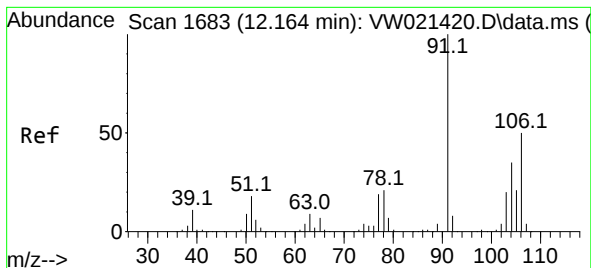
Tgt Ion: 91 Resp: 192958
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 24.523 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 106 Resp: 77289
Ion Ratio Lower Upper
106 100
91 194.5 149.9 278.3





#54

o-Xylene

Concen: 25.072 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

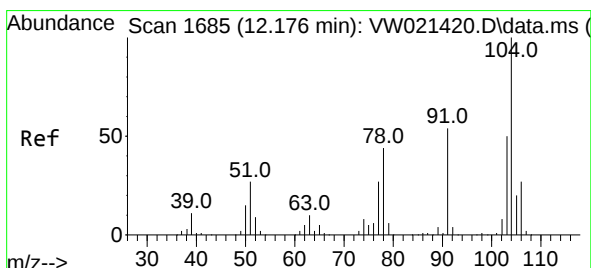
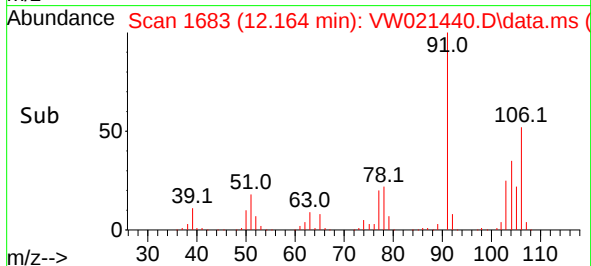
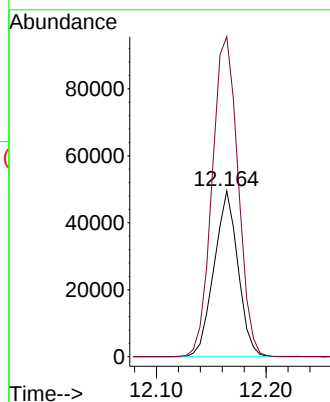
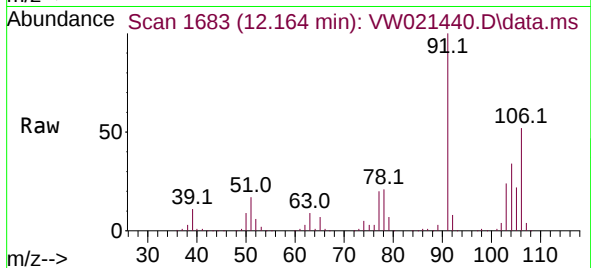
ClientSampleId :

Tgt Ion:106 Resp: 74993

Ion Ratio Lower Upper

106 100

91 193.0 153.6 285.3



#55

Styrene

Concen: 25.390 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW021440.D

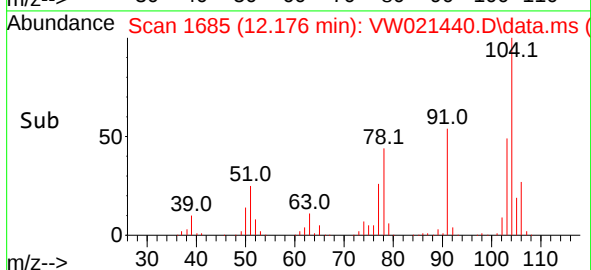
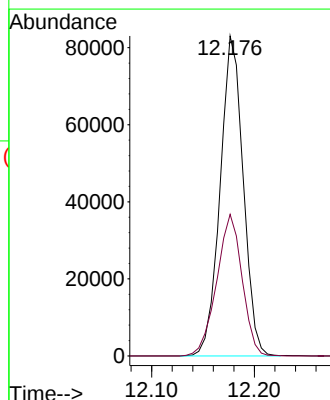
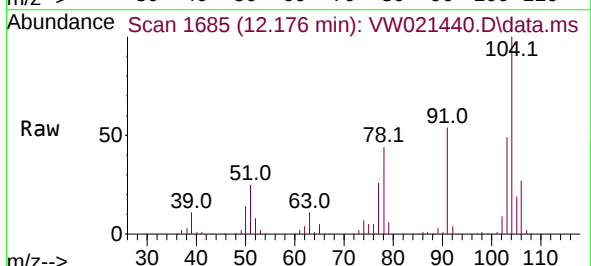
Acq: 17 Dec 2021 19:20

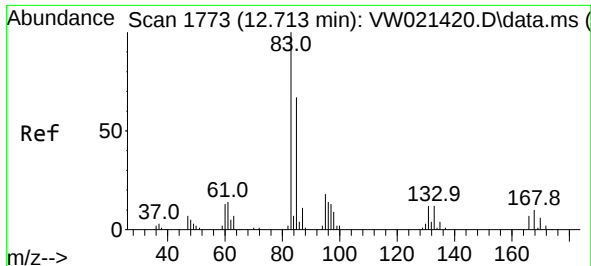
Tgt Ion:104 Resp: 129247

Ion Ratio Lower Upper

104 100

78 44.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 30.427 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021440.D

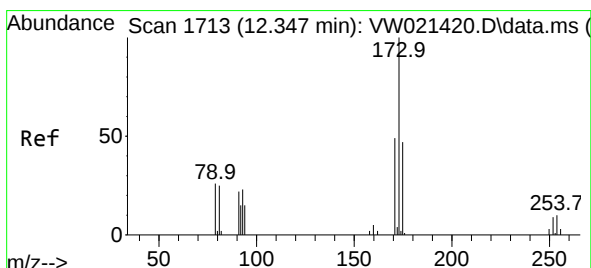
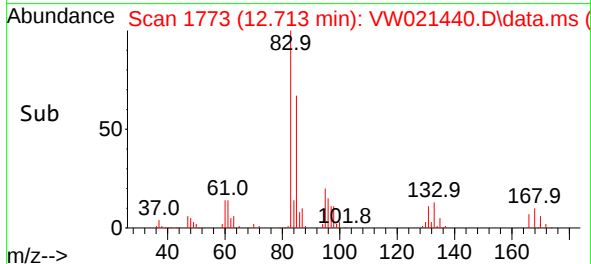
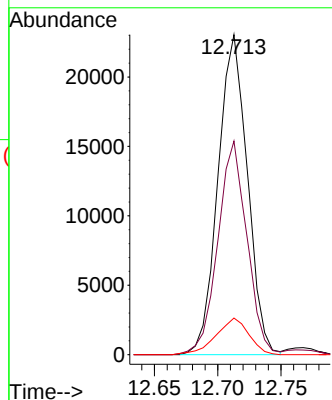
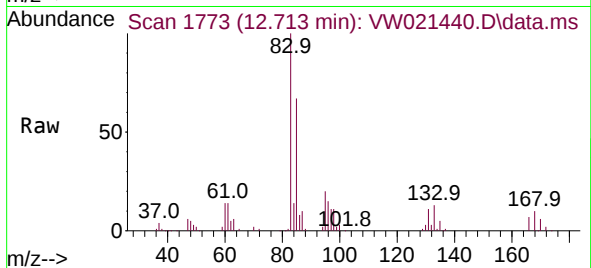
Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	37224
Ion	Ratio	Lower	Upper
83	100		
85	66.8	44.0	81.6
131	11.4	6.9	10.3



#59

Bromoform

Concen: 27.762 ug/L

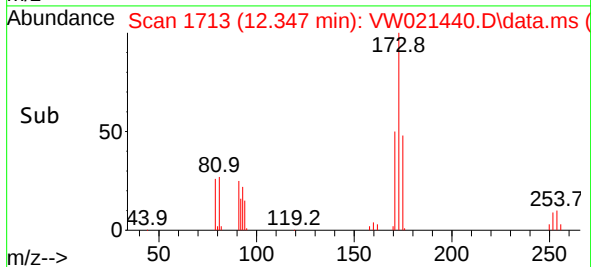
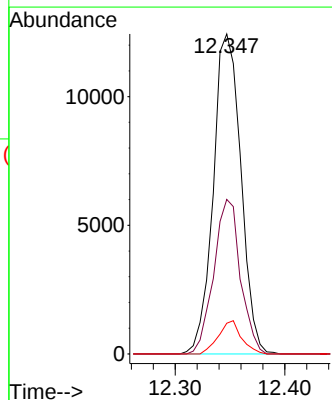
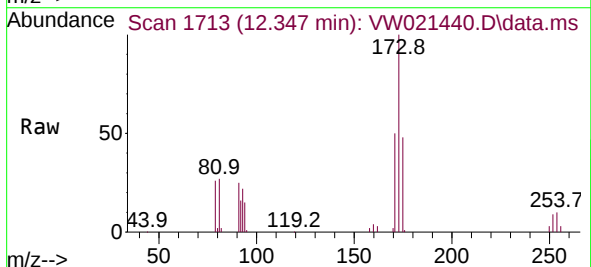
RT: 12.347 min Scan# 1713

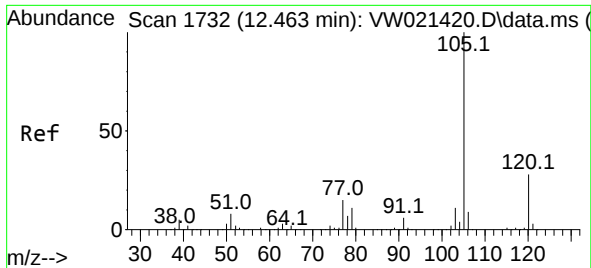
Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Tgt Ion:	173	Resp:	21774
Ion	Ratio	Lower	Upper
173	100		
175	46.6	39.6	59.4
254	8.7	7.4	11.0

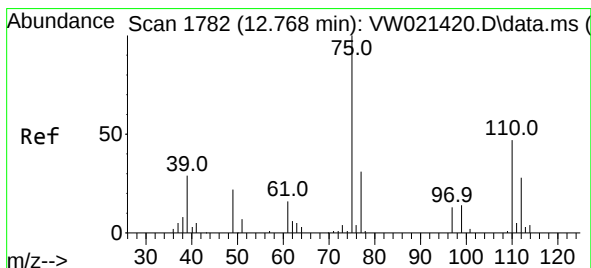
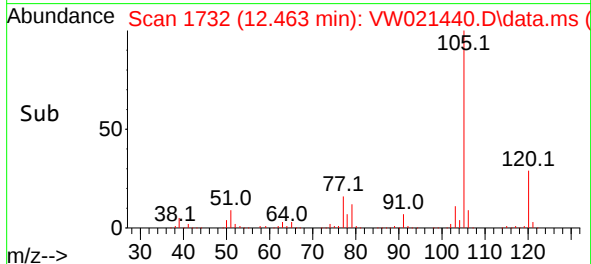
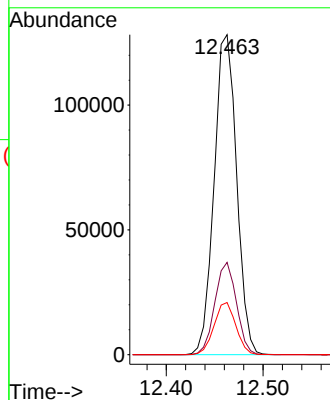
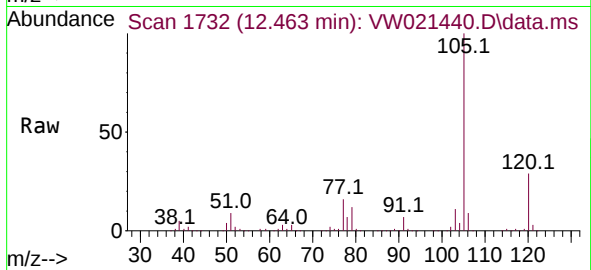




#60
Isopropylbenzene
Concen: 23.109 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

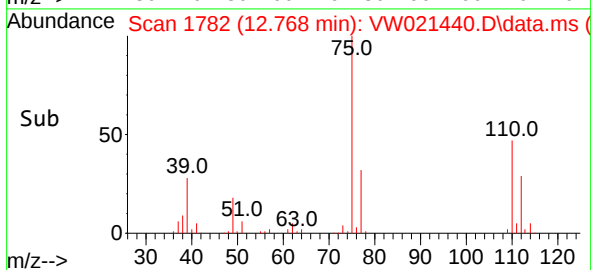
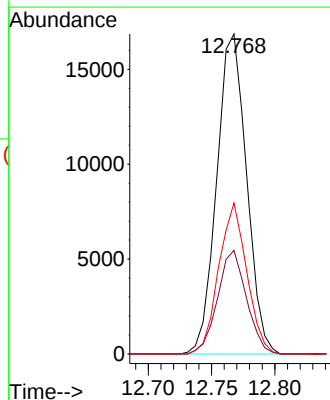
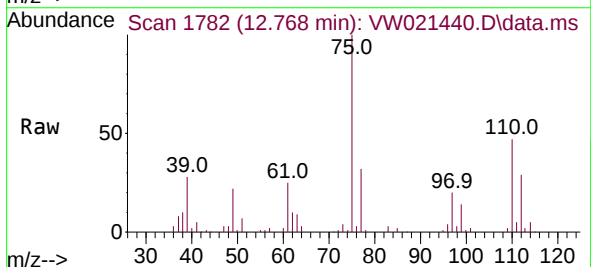
Instrument :
MSVOA_W
ClientSampleId :

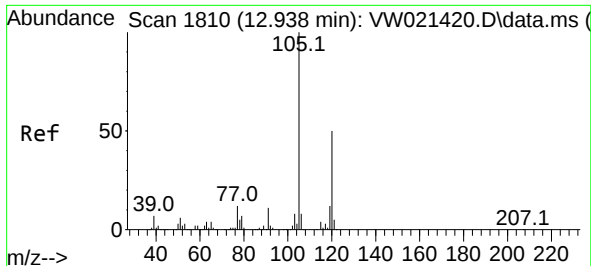
Tgt Ion:105 Resp: 206984
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.9 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 28.811 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion: 75 Resp: 27640
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
110 44.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 23.022 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

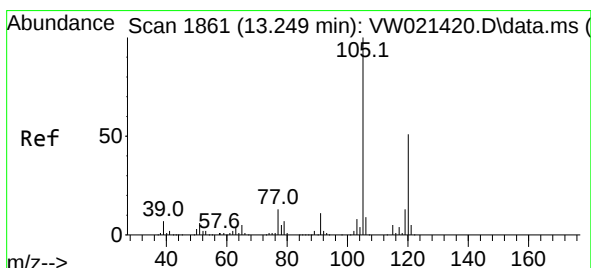
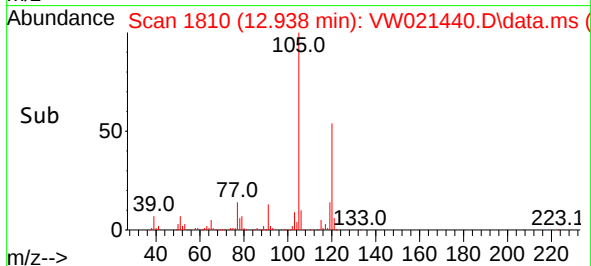
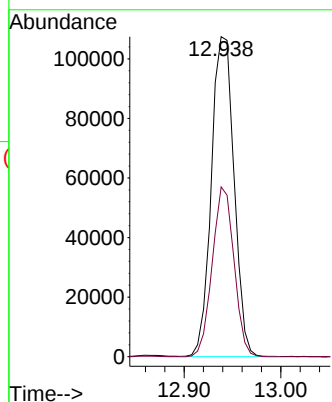
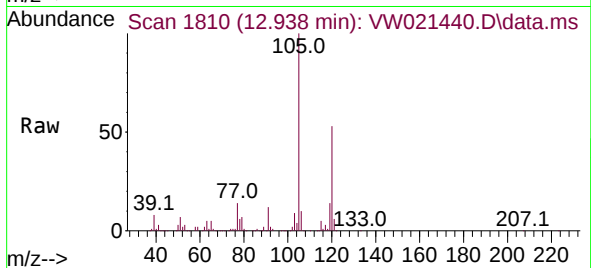
ClientSampleId :

Tgt Ion:105 Resp: 175470

Ion Ratio Lower Upper

105 100

120 50.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.057 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021440.D

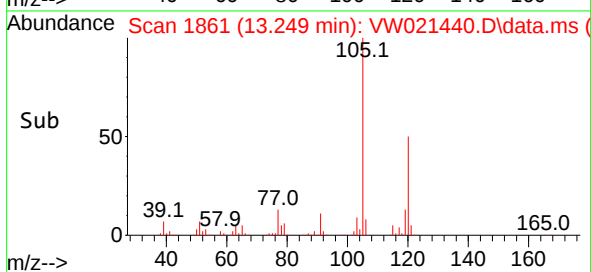
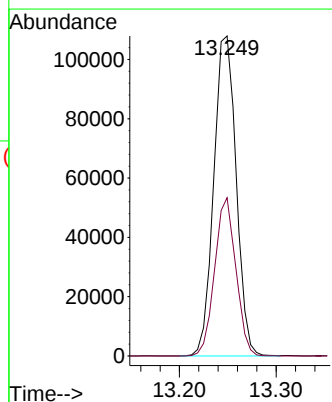
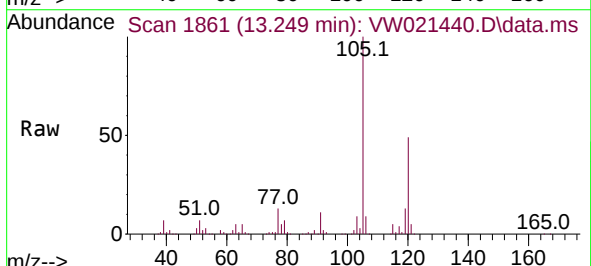
Acq: 17 Dec 2021 19:20

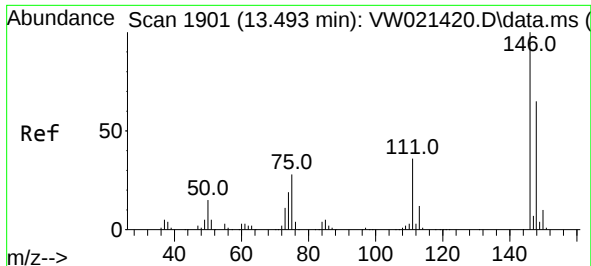
Tgt Ion:105 Resp: 173359

Ion Ratio Lower Upper

105 100

120 46.7 35.0 52.6

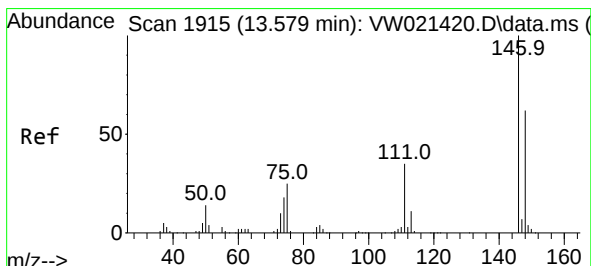
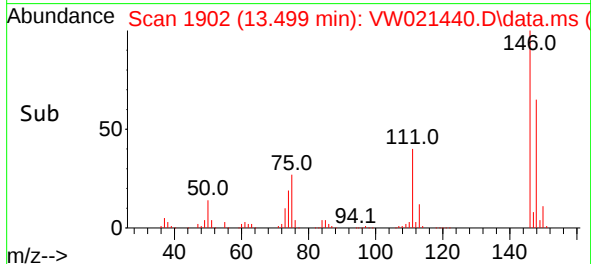
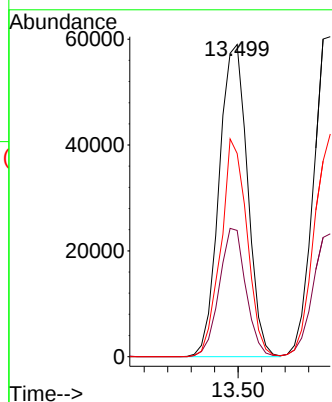
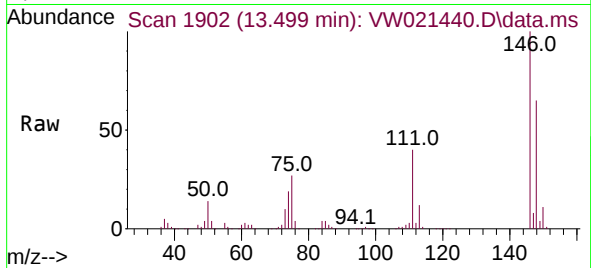




#64
1,3-Dichlorobenzene
Concen: 23.425 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

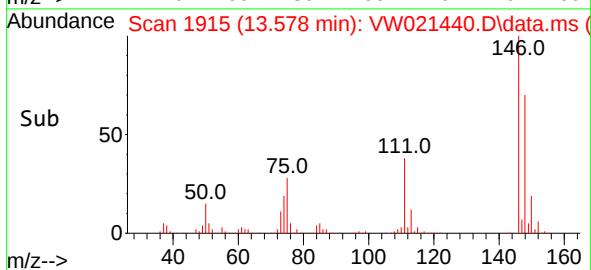
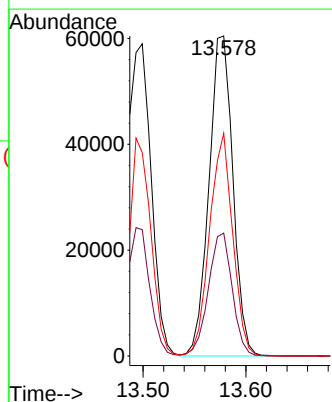
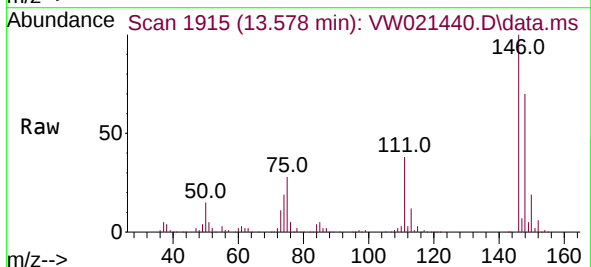
Instrument :
MSVOA_W
ClientSampleId :

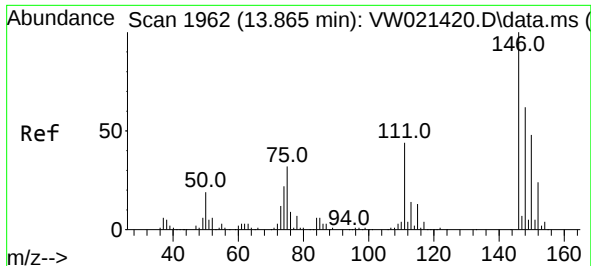
Tgt Ion:146 Resp: 98964
Ion Ratio Lower Upper
146 100
111 40.4 29.8 55.3
148 65.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.340 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion:146 Resp: 97970
Ion Ratio Lower Upper
146 100
111 38.4 29.0 53.9
148 69.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.386 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :

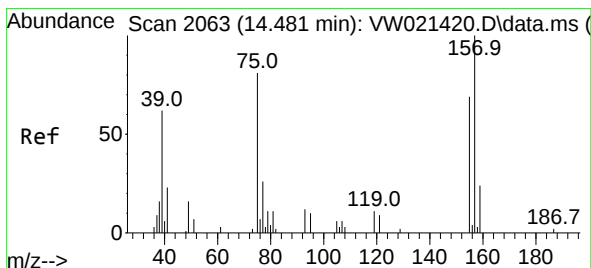
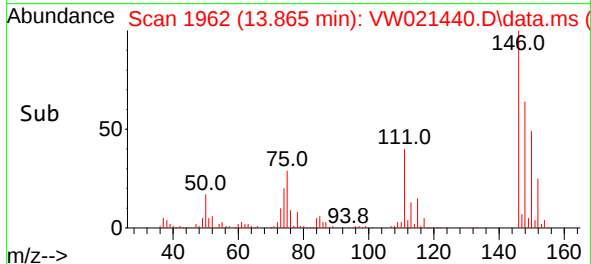
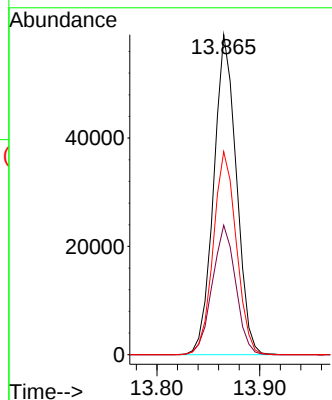
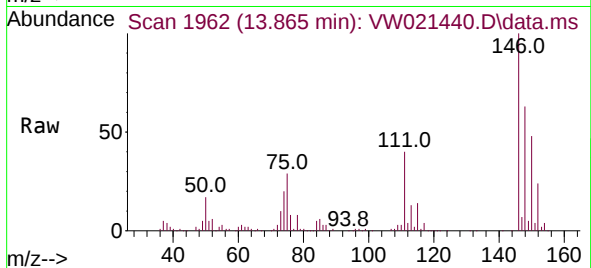
Tgt Ion:146 Resp: 90703

Ion Ratio Lower Upper

146 100

111 40.4 33.1 49.7

148 63.5 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 31.453 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

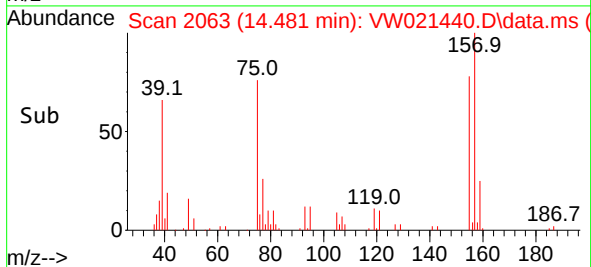
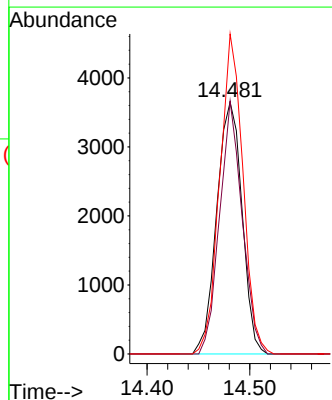
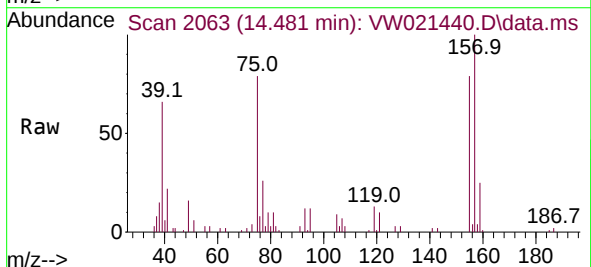
Tgt Ion: 75 Resp: 6224

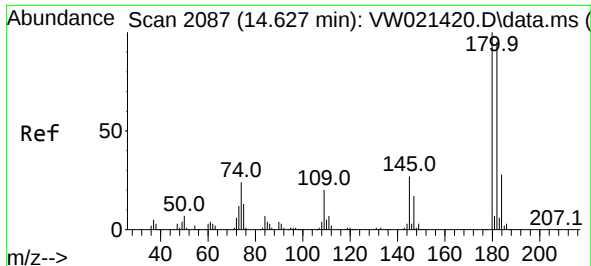
Ion Ratio Lower Upper

75 100

155 100.4 54.2 81.2#

157 127.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.576 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

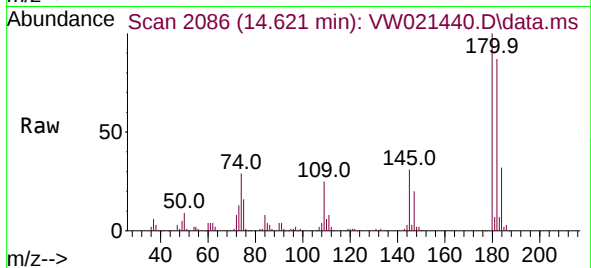
Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 74444

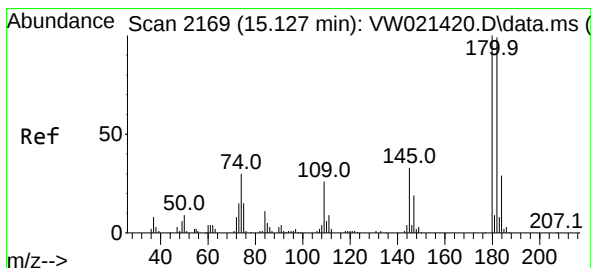
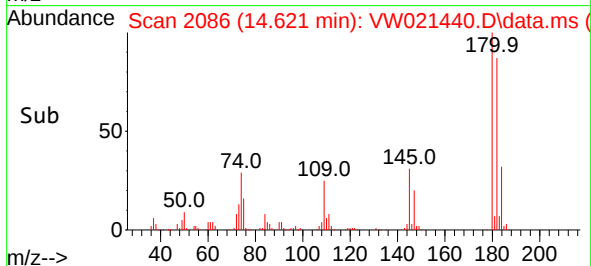
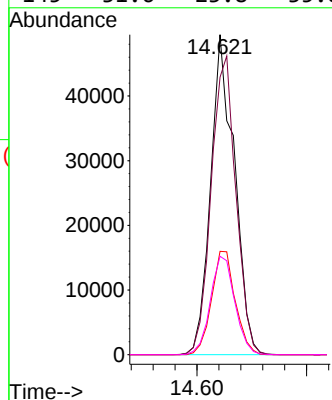
Ion Ratio Lower Upper

180 100

182 97.0 75.4 113.0

184 32.3 23.8 35.8

145 31.6 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 25.692 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021440.D

Acq: 17 Dec 2021 19:20

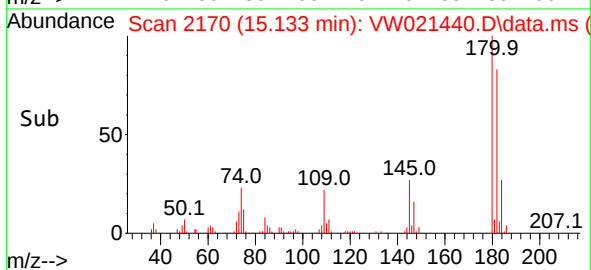
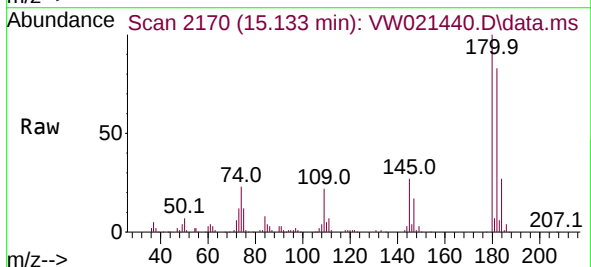
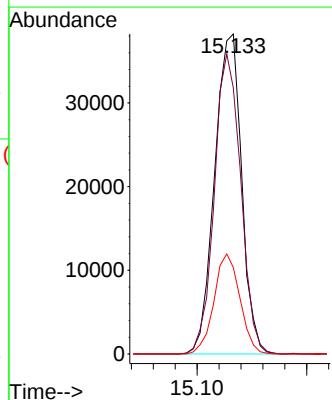
Tgt Ion:180 Resp: 65253

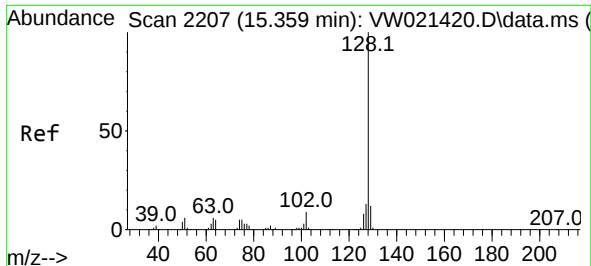
Ion Ratio Lower Upper

180 100

182 91.9 79.0 118.6

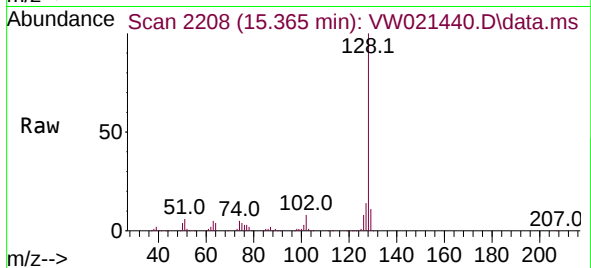
145 30.1 26.0 39.0



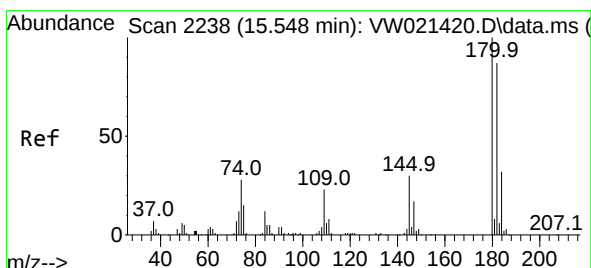
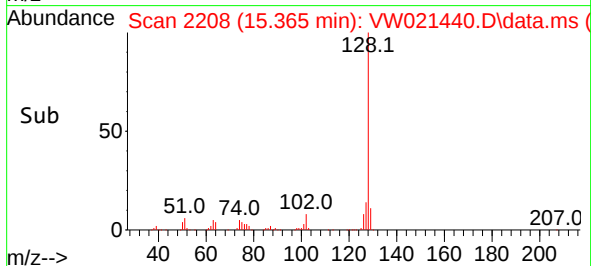
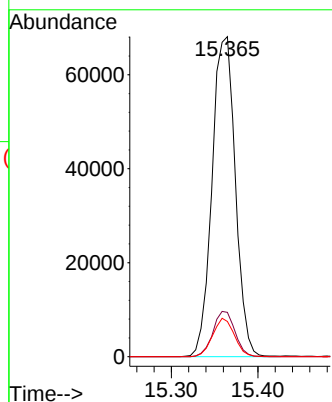


#71
Naphthalene
Concen: 30.877 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 127407
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 27.072 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021440.D
Acq: 17 Dec 2021 19:20

Tgt Ion:180 Resp: 56824
Ion Ratio Lower Upper
180 100
182 91.1 76.6 114.8
145 31.9 27.4 41.0

