

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021406.D
 Acq On : 16 Dec 2021 10:56
 Operator : SY/VA
 Sample : M5101-07
 Misc : 5.85g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:59:28 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	8.842	114	97136	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	76101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	33537	18.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
7) Chloroethane-d5	2.873	69	25412	21.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.019	63	56880	24.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.480%
21) 2-Butanone-d5	7.171	46	93	0.373	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.740%#
24) Chloroform-d	7.647	84	64641	23.880	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.520%
26) 1,2-Dichloroethane-d4	8.299	65	33554	23.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	8.269	84	118673	28.449	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.800%
36) 1,2-Dichloropropane-d6	9.275	67	31363	28.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.160%
41) Toluene-d8	10.323	98	106221	24.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.680%
43) trans-1,3-Dichloroprop...	10.579	79	12044	23.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.921	63	9610	58.092	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	22109	22.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.960%
66) 1,2-Dichlorobenzene-d4	13.847	152	17517	20.851	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	42181	35.033	ug/L #	67
13) Acetone	4.111	43	1060	4.742	ug/L #	17
14) Carbon disulfide	4.373	76	6546	2.105	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	46547	22.753	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	17201	12.509	ug/L	73
27) 1,2-Dichloroethane	8.397	62	772	0.513	ug/L #	77
33) Benzene	8.324	78	3478	0.839	ug/L	100
34) Trichloroethene	9.092	95	3427228	2945.022	ug/L	90
37) 1,2-Dichloropropane	9.275	63	4138	4.475	ug/L #	88
39) cis-1,3-Dichloropropene	10.031	75	1154	0.792	ug/L #	70
42) Toluene	10.384	91	163465	33.715	ug/L	100
45) 1,1,2-Trichloroethane	10.860	97	64846	85.678	ug/L #	41
46) Tetrachloroethene	10.872	164	8440378	7634.865	ug/L	96
52) Ethylbenzene	11.731	91	22651	4.088	ug/L	98
53) m,p-Xylene	11.829	106	35165	15.733	ug/L	85
54) o-Xylene	12.164	106	16743	7.893	ug/L	89

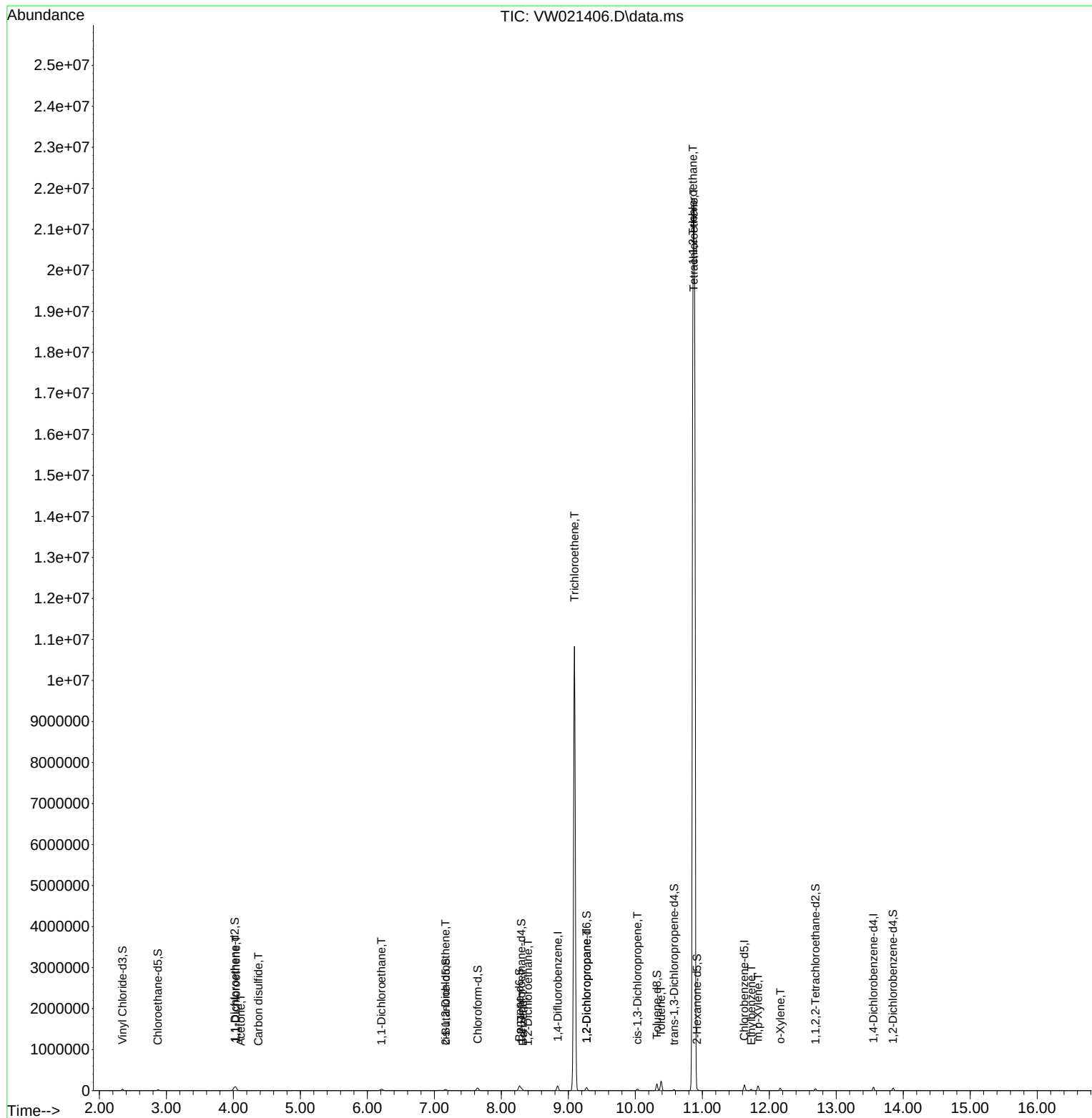
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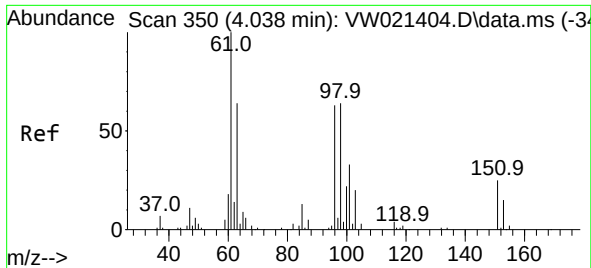
Instrument :
MSVOA_W
ClientSampleId :

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
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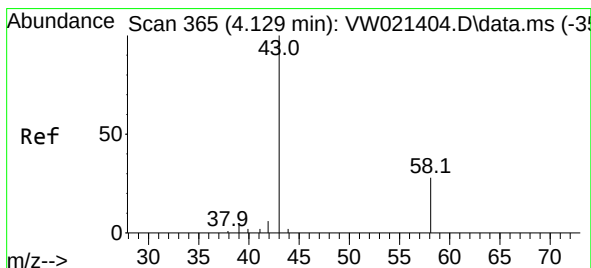
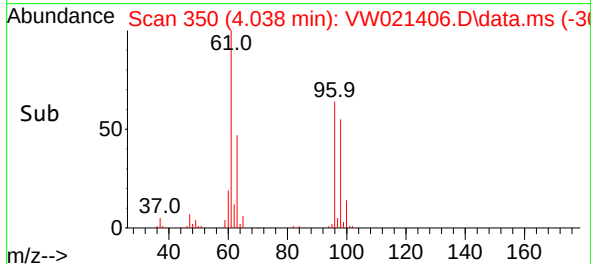
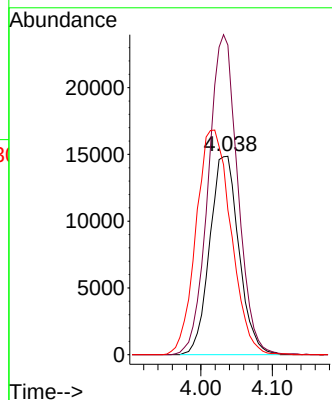
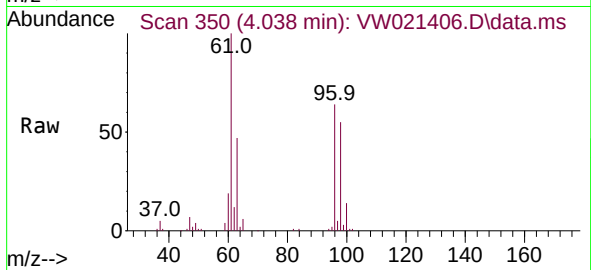




#12
1,1-Dichloroethene
Concen: 35.033 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

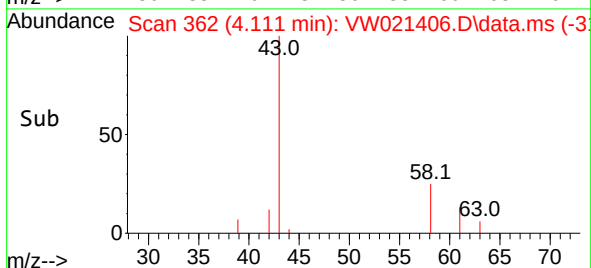
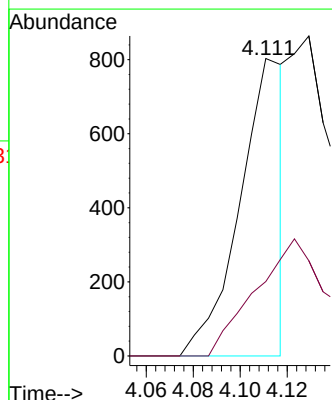
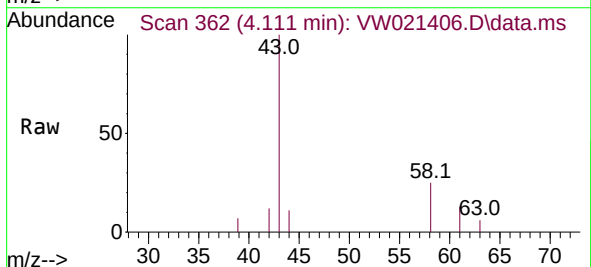
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MSVOA_W
ClientSampleId :

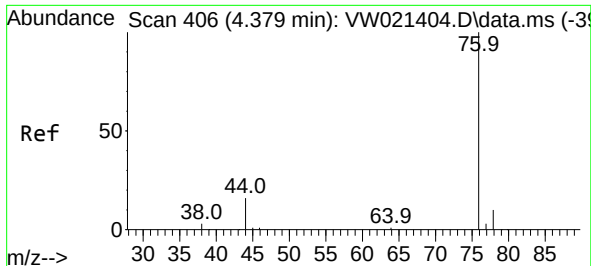
Tgt Ion: 96 Resp: 42181
Ion Ratio Lower Upper
96 100
61 156.0 138.3 256.9
63 73.0 82.6 153.4#



#13
Acetone
Concen: 4.742 ug/L
RT: 4.111 min Scan# 362
Delta R.T. -0.018 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

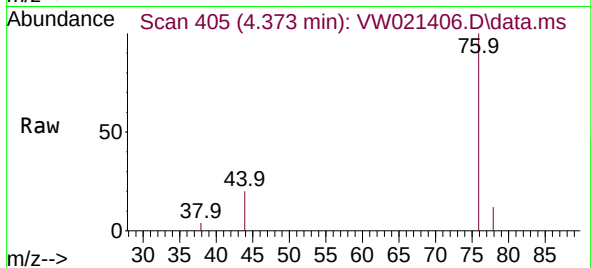
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 68.8 0.0 52.8#



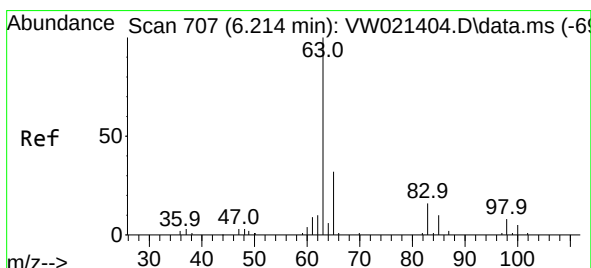
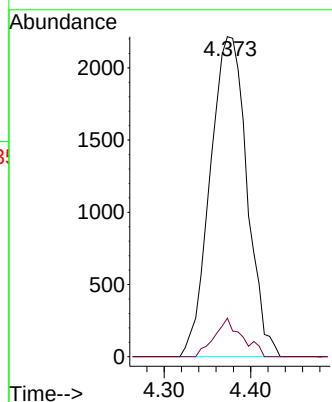
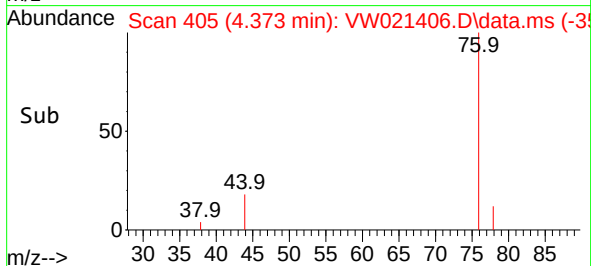


#14
Carbon disulfide
Concen: 2.105 ug/L
RT: 4.373 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

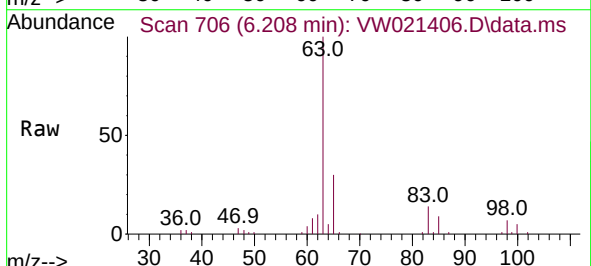
Instrument :
MSVOA_W
ClientSampleId :



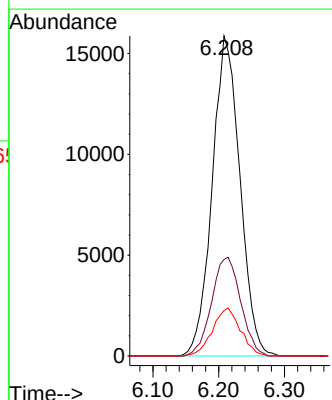
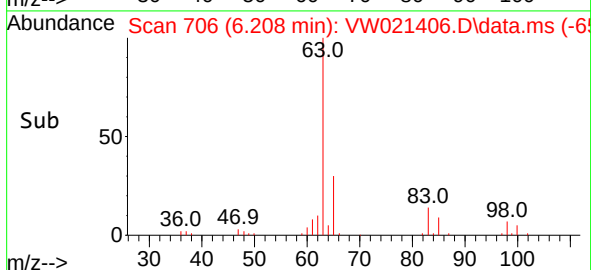
Tgt Ion: 76 Resp: 6546
Ion Ratio Lower Upper
76 100
78 12.0 7.1 10.7#

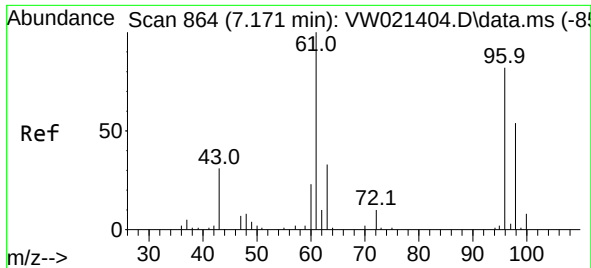


#19
1,1-Dichloroethane
Concen: 22.753 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56



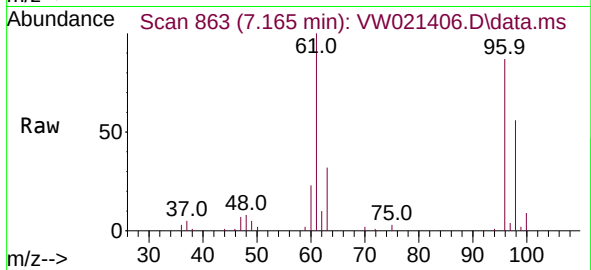
Tgt Ion: 63 Resp: 46547
Ion Ratio Lower Upper
63 100
65 30.2 22.1 41.1
83 14.2 9.2 17.2



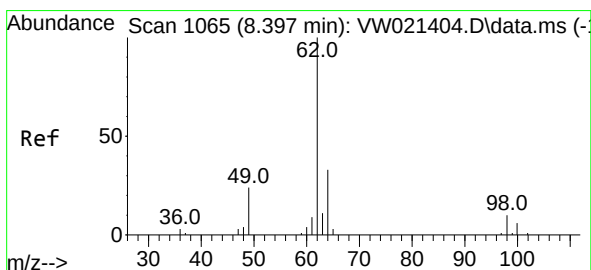
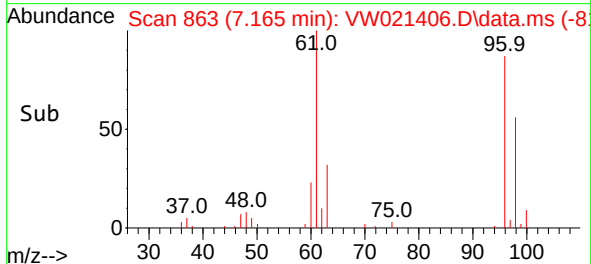
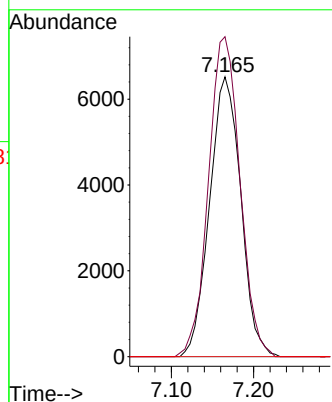


#20
 cis-1,2-Dichloroethene
 Concen: 12.509 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW021406.D
 Acq: 16 Dec 2021 10:56

Instrument :
 MSVOA_W
 ClientSampleId :

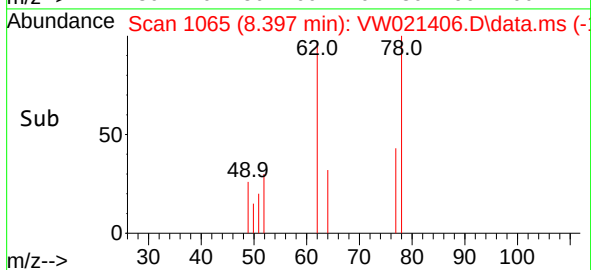
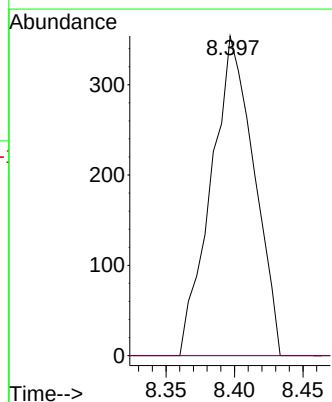
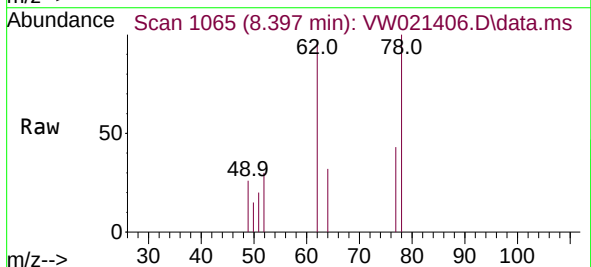


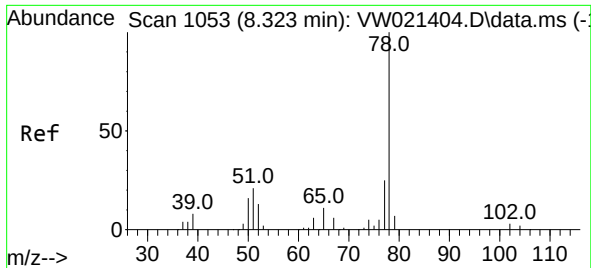
Tgt Ion: 96 Resp: 17201
 Ion Ratio Lower Upper
 96 100
 61 114.3 103.7 192.7
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.513 ug/L
 RT: 8.397 min Scan# 1065
 Delta R.T. 0.000 min
 Lab File: VW021406.D
 Acq: 16 Dec 2021 10:56

Tgt Ion: 62 Resp: 772
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#

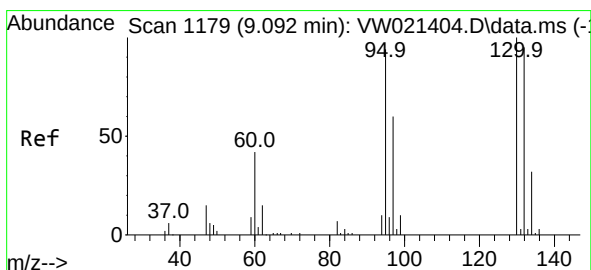
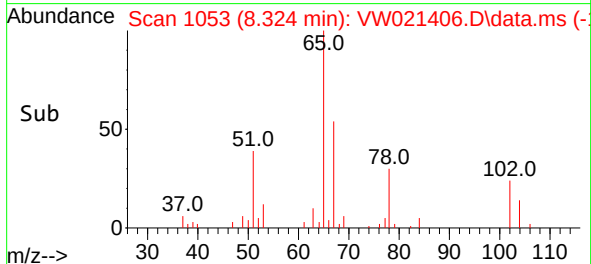
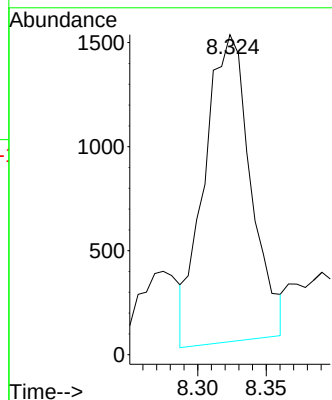
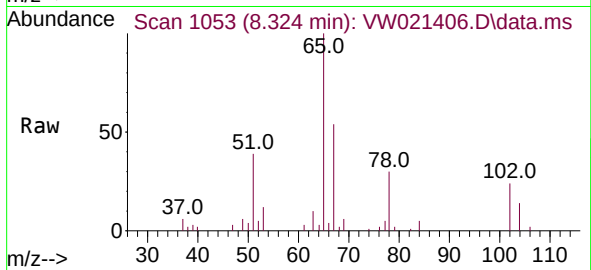




#33
Benzene
Concen: 0.839 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

Instrument :
MSVOA_W
ClientSampleId :

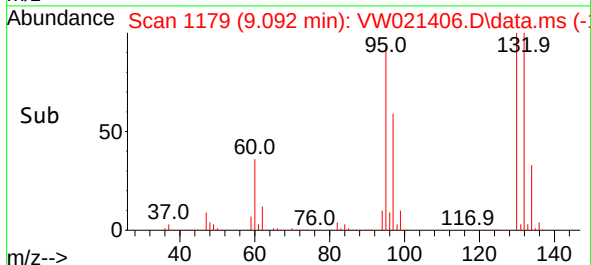
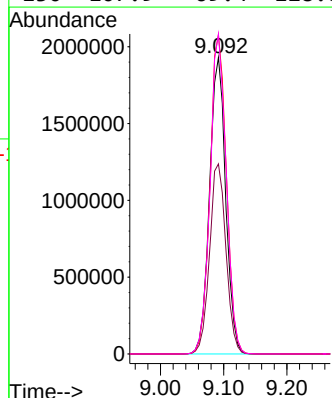
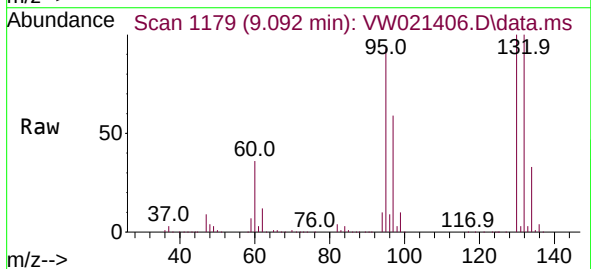
Tgt Ion: 78 Resp: 3478

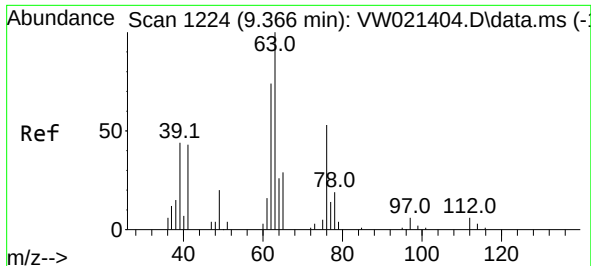


#34
Trichloroethene
Concen: 2945.022 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

Tgt Ion: 95 Resp: 3427228

Ion	Ratio	Lower	Upper
95	100		
97	64.1	47.0	87.2
132	107.6	65.5	121.6
130	107.9	69.4	128.8





#37

1,2-Dichloropropane

Concen: 4.475 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021406.D

Acq: 16 Dec 2021 10:56

Instrument :

MSVOA_W

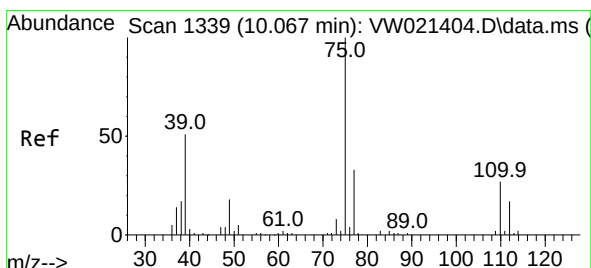
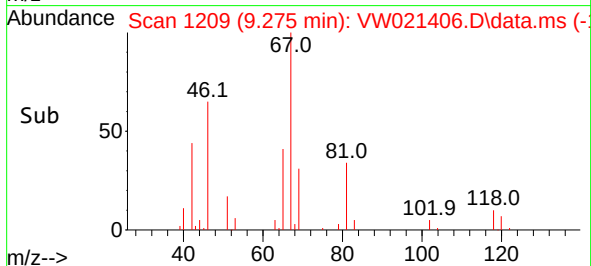
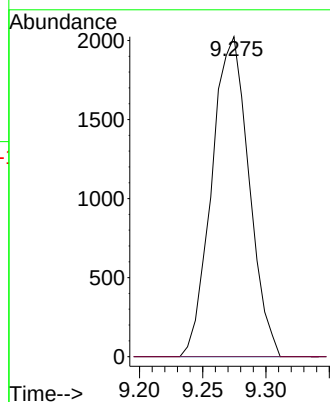
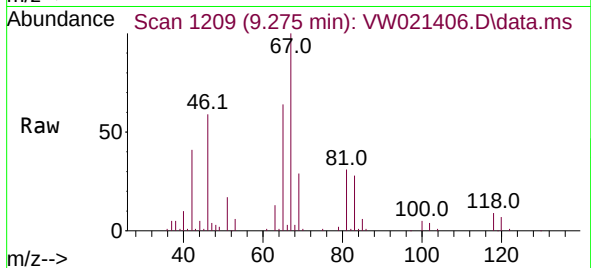
ClientSampleId :

Tgt Ion: 63 Resp: 4138

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.792 ug/L

RT: 10.031 min Scan# 1333

Delta R.T. -0.036 min

Lab File: VW021406.D

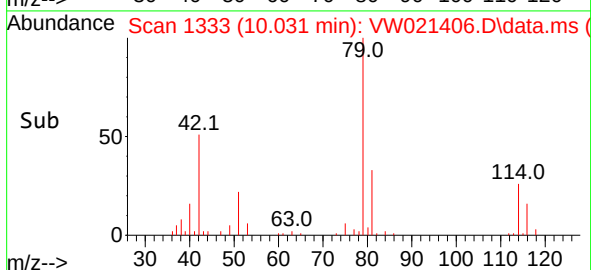
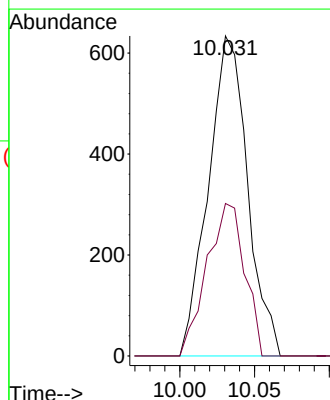
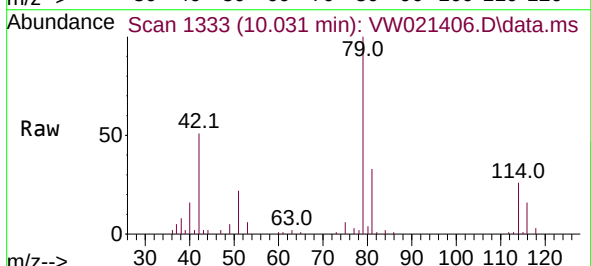
Acq: 16 Dec 2021 10:56

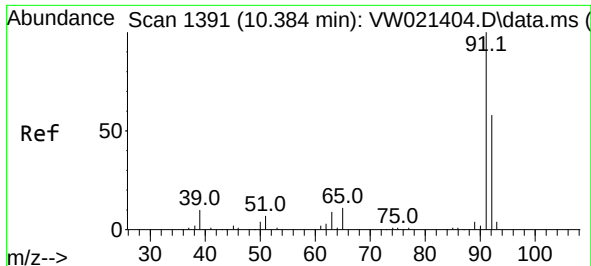
Tgt Ion: 75 Resp: 1154

Ion Ratio Lower Upper

75 100

77 47.6 21.8 40.6#

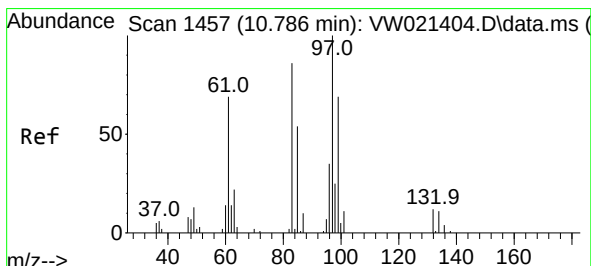
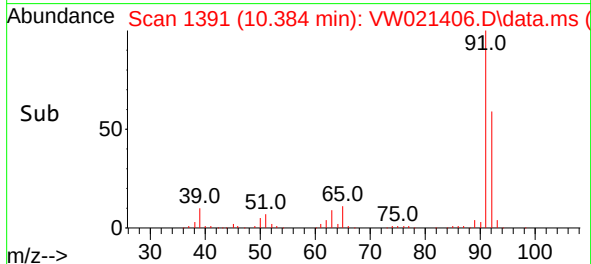
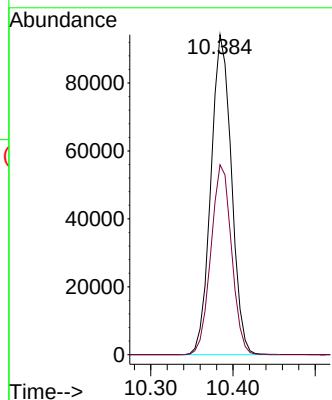
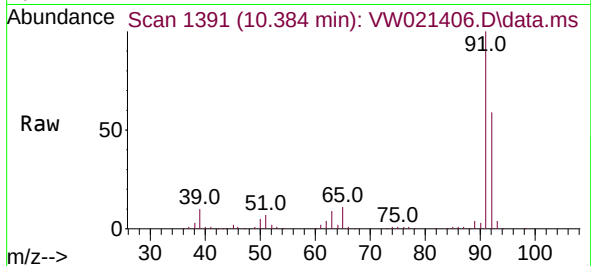




#42
Toluene
Concen: 33.715 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

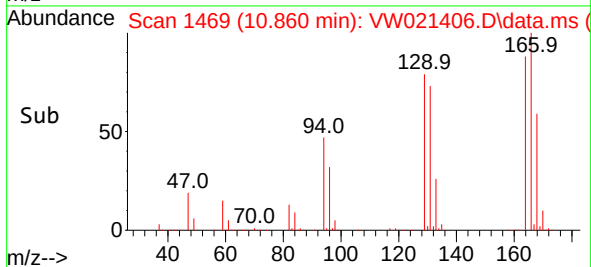
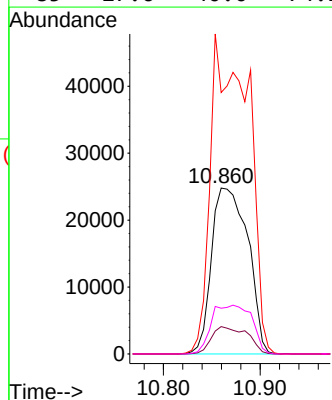
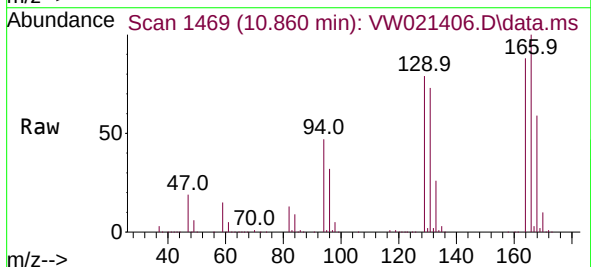
Instrument :
MSVOA_W
ClientSampleId :

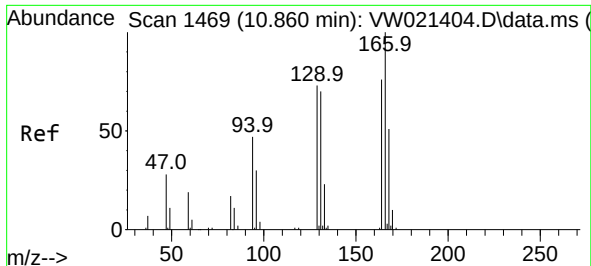
Tgt Ion: 91 Resp: 163465
Ion Ratio Lower Upper
91 100
92 59.4 41.7 77.5



#45
1,1,2-Trichloroethane
Concen: 85.678 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.073 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

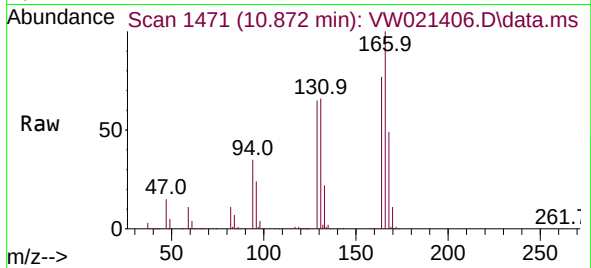
Tgt Ion: 97 Resp: 64846
Ion Ratio Lower Upper
97 100
99 16.4 43.0 79.8#
83 157.5 62.6 116.3#
85 27.6 40.0 74.2#



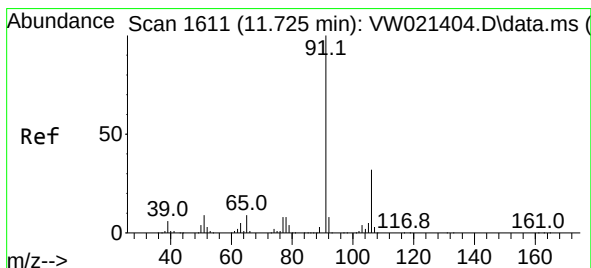
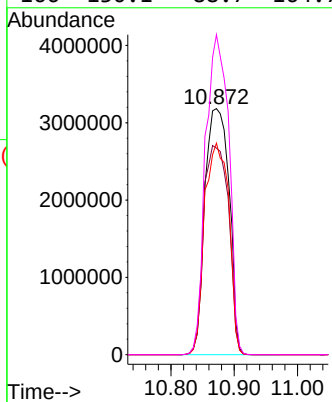
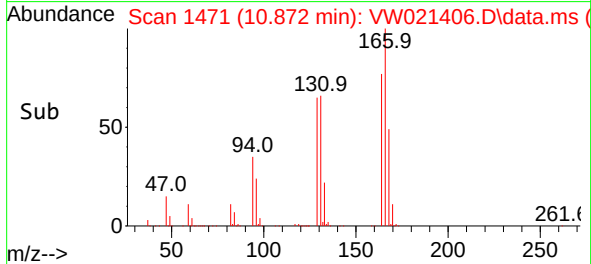


#46
Tetrachloroethene
Concen: 7634.865 ug/L
RT: 10.872 min Scan# 1469
Delta R.T. 0.012 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

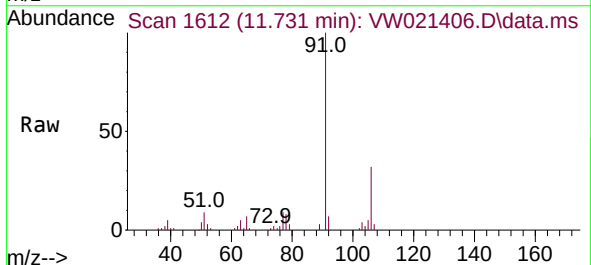
Instrument :
MSVOA_W
ClientSampleId :



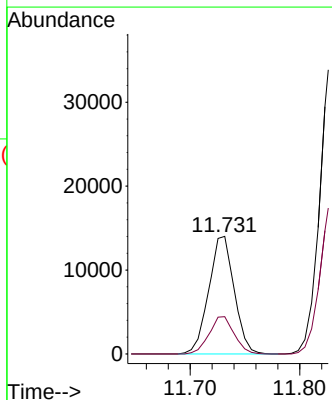
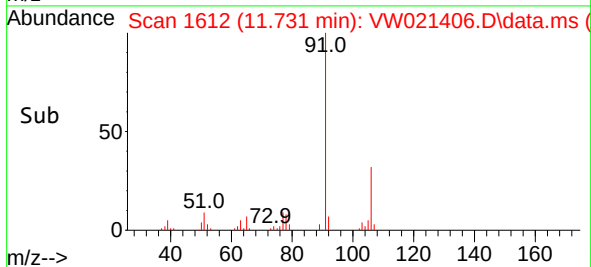
Tgt Ion:164 Resp: 8440378
Ion Ratio Lower Upper
164 100
129 84.0 65.5 121.7
131 86.0 59.7 110.9
166 130.1 88.7 164.7

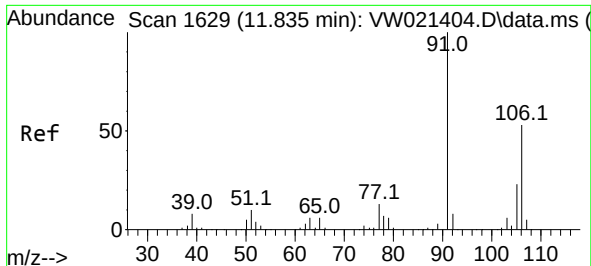


#52
Ethylbenzene
Concen: 4.088 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56



Tgt Ion: 91 Resp: 22651
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9

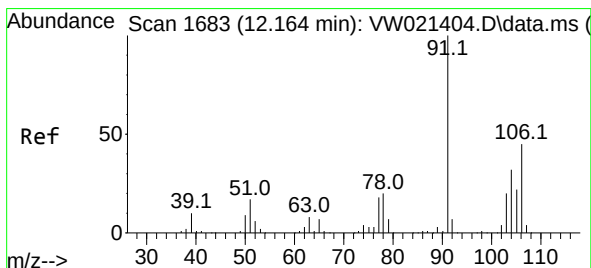
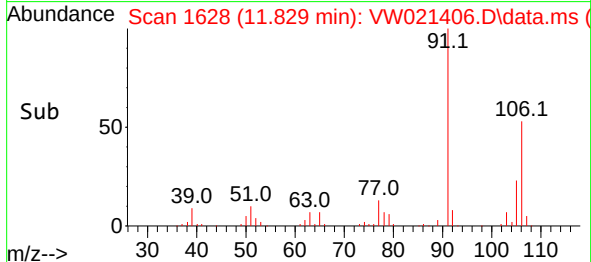
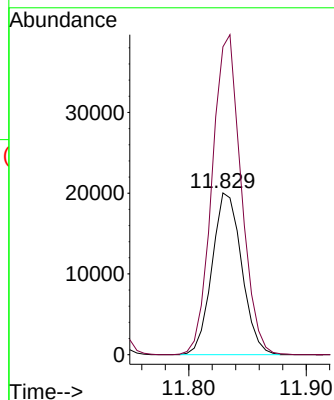
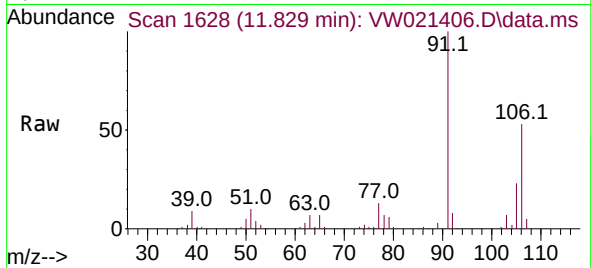




#53
m,p-Xylene
Concen: 15.733 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 35165
Ion Ratio Lower Upper
106 100
91 190.4 149.9 278.3



#54
o-Xylene
Concen: 7.893 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

Tgt Ion:106 Resp: 16743
Ion Ratio Lower Upper
106 100
91 202.0 153.6 285.3

