

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021073.D
 Acq On : 03 Dec 2021 18:52
 Operator : SY/VA
 Sample : M4881-18RE
 Misc : 3.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:40:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	88646	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	50342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20655	16.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.880%
7) Chloroethane-d5	2.885	69	16812	20.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	4.013	63	23999	12.163	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.640%
21) 2-Butanone-d5	7.080	46	12078	42.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.740%
24) Chloroform-d	7.647	84	52265	23.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.305	65	26899	22.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	8.275	84	85402	33.178	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.720%
36) 1,2-Dichloropropane-d6	9.274	67	28320	39.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	158.360%#
41) Toluene-d8	10.323	98	60575	22.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.579	79	6133	18.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.520%
47) 2-Hexanone-d5	10.927	63	7784	56.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	18034	27.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	7538	21.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.240%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1459	5.686	ug/L	96
22) 2-Butanone	7.141	43	2992	8.425	ug/L	# 52
27) 1,2-Dichloroethane	8.403	62	3890	2.727	ug/L	98
34) Trichloroethene	9.092	95	2697	3.415	ug/L	90
37) 1,2-Dichloropropane	9.274	63	3656	5.650	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	652	0.623	ug/L	# 55
42) Toluene	10.390	91	6989	2.137	ug/L	91
45) 1,1,2-Trichloroethane	10.768	97	294	0.542	ug/L	# 14
46) Tetrachloroethene	10.860	164	2474	3.421	ug/L	89
48) 2-Hexanone	10.927	43	1292	4.063	ug/L	# 65
49) Dibromochloromethane	10.860	129	2169	3.199	ug/L	# 10
52) Ethylbenzene	11.731	91	4414	1.199	ug/L	99
53) m,p-Xylene	11.835	106	6922	4.546	ug/L	82
54) o-Xylene	12.164	106	2229	1.553	ug/L	86
61) 1,2,3-Trichloropropane	12.926	75	188	1.163	ug/L	# 40
63) 1,2,4-Trimethylbenzene	13.249	105	751	0.665	ug/L	90

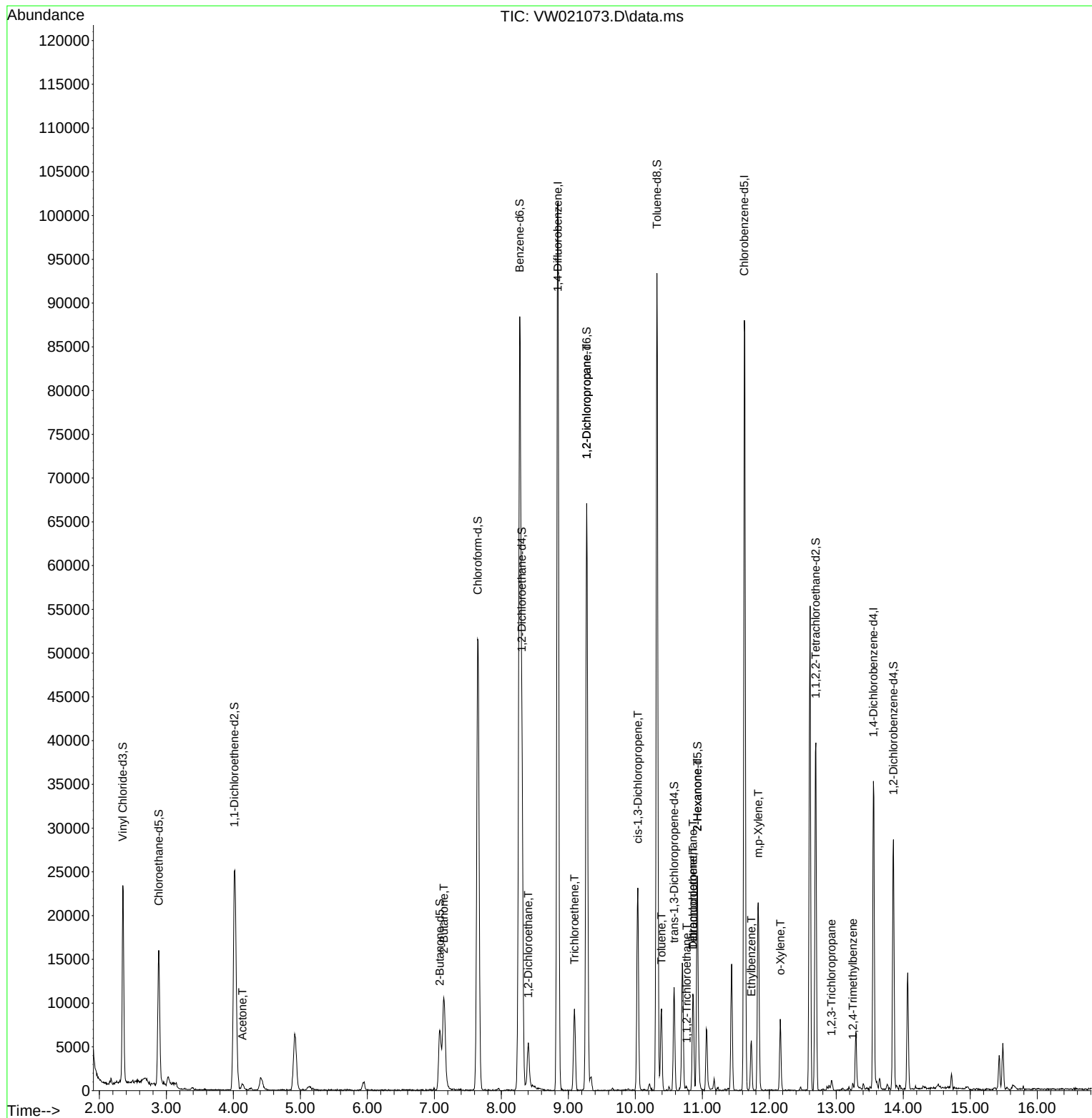
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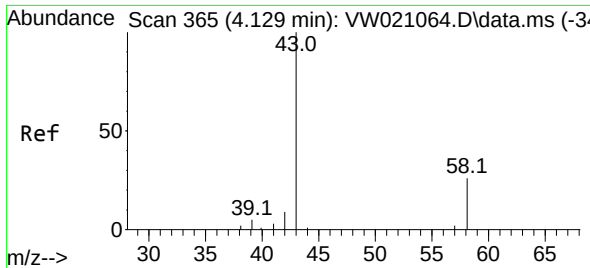
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
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Quant Time: Dec 04 01:40:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.686 ug/L

RT: 4.135 min Scan# 30

Delta R.T. 0.006 min

Lab File: VW021073.D

Acq: 03 Dec 2021 18:52

Instrument :

MSVOA_W

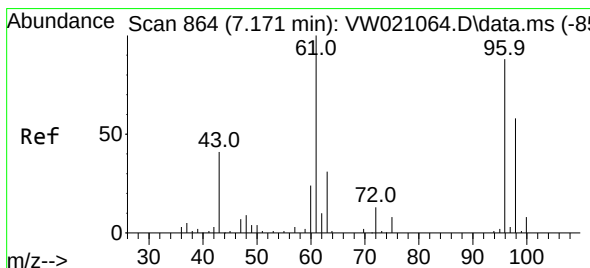
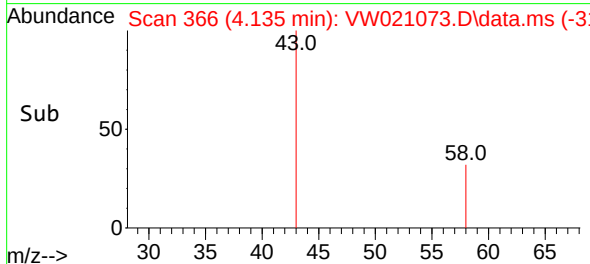
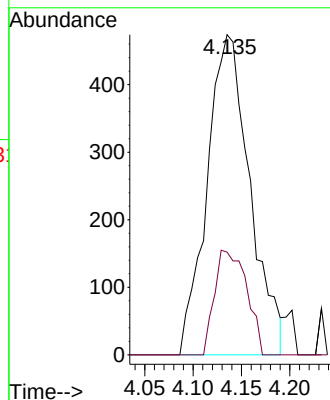
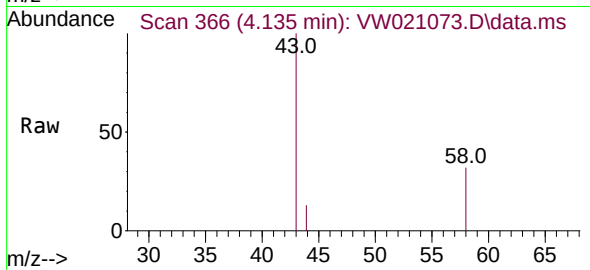
ClientSampleId :

Tgt Ion: 43 Resp: 1459

Ion Ratio Lower Upper

43 100

58 24.5 0.0 52.8



#22

2-Butanone

Concen: 8.425 ug/L

RT: 7.141 min Scan# 859

Delta R.T. -0.030 min

Lab File: VW021073.D

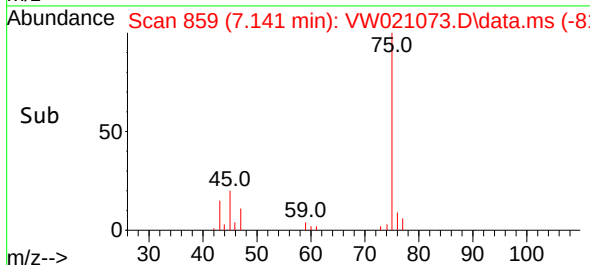
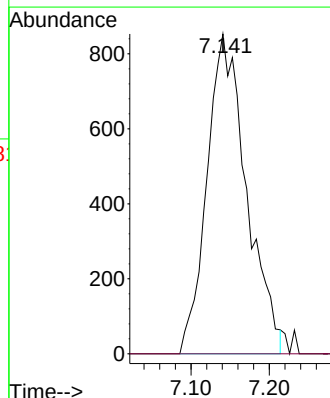
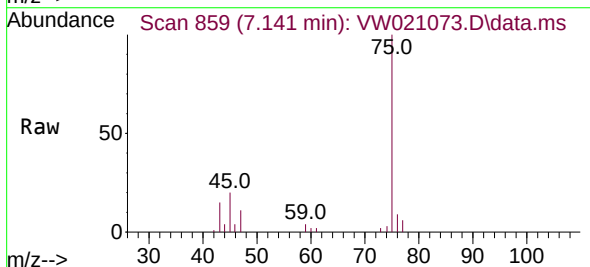
Acq: 03 Dec 2021 18:52

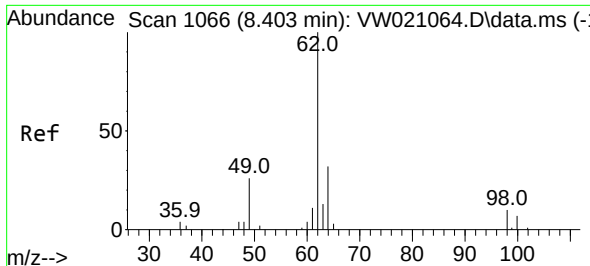
Tgt Ion: 43 Resp: 2992

Ion Ratio Lower Upper

43 100

72 0.0 11.8 35.4#

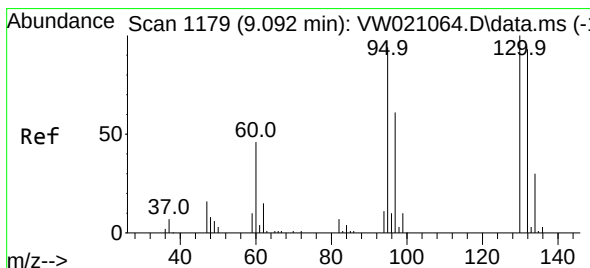
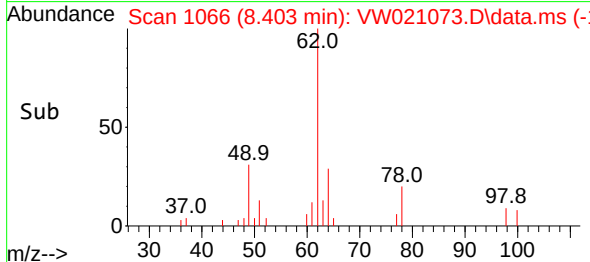
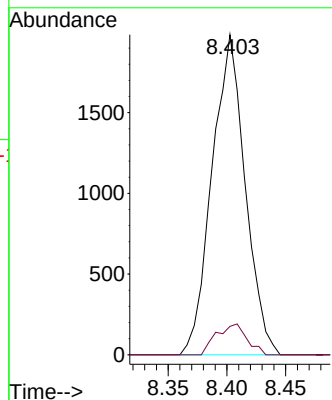
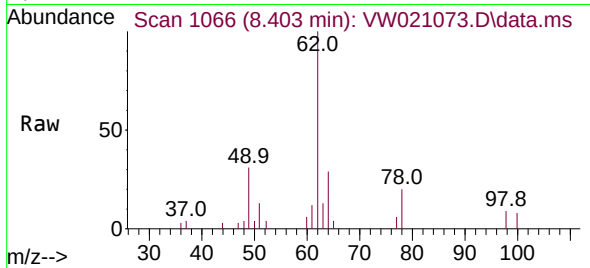




#27
1,2-Dichloroethane
Concen: 2.727 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

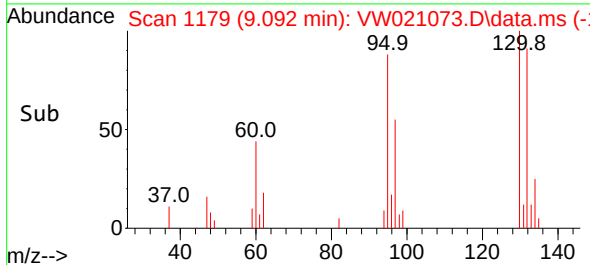
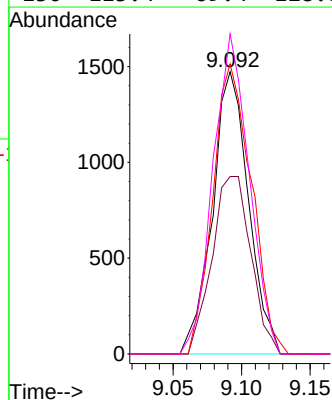
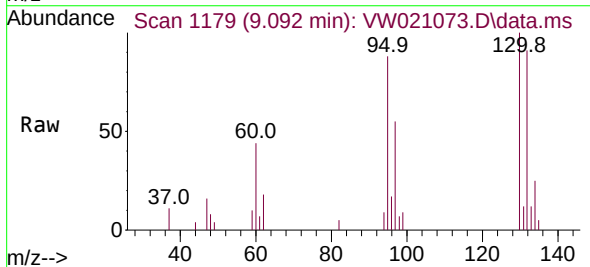
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MSVOA_W
ClientSampleId :

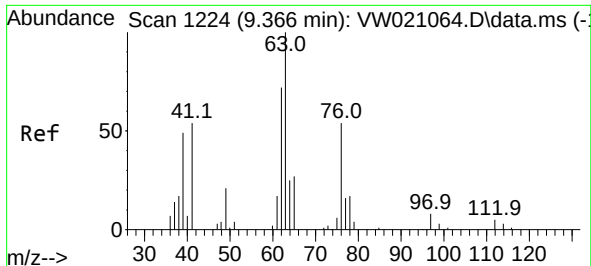
Tgt Ion: 62 Resp: 3890
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7



#34
Trichloroethene
Concen: 3.415 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Tgt Ion: 95 Resp: 2697
Ion Ratio Lower Upper
95 100
97 62.9 47.0 87.2
132 102.8 65.5 121.6
130 113.4 69.4 128.8





#37

1,2-Dichloropropane

Concen: 5.650 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021073.D

Acq: 03 Dec 2021 18:52

Instrument :

MSVOA_W

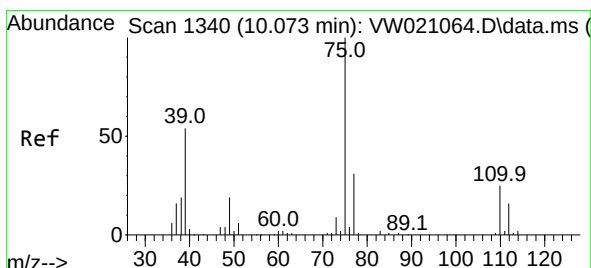
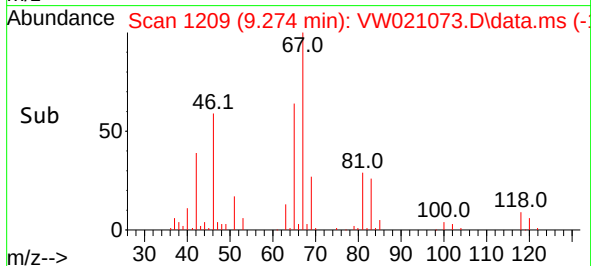
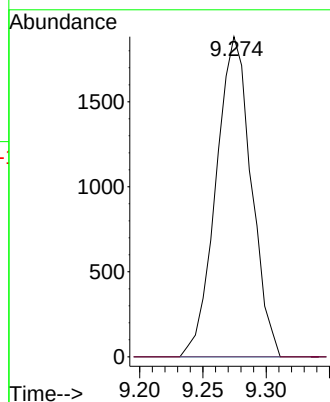
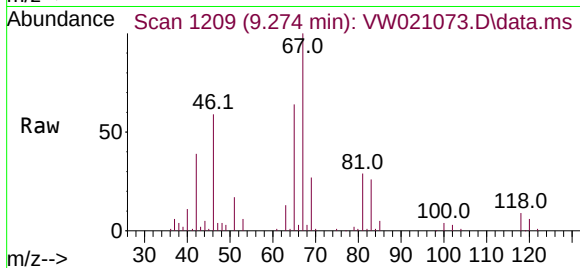
ClientSampleId :

Tgt Ion: 63 Resp: 3656

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021073.D

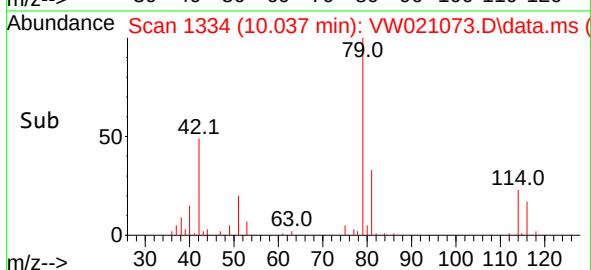
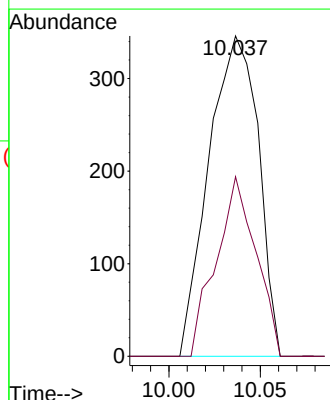
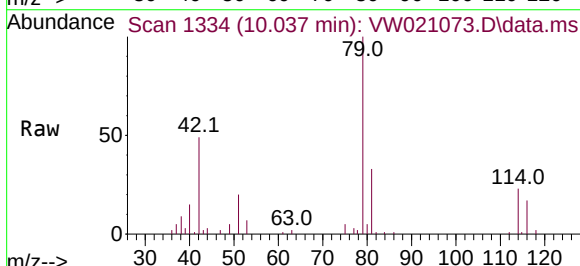
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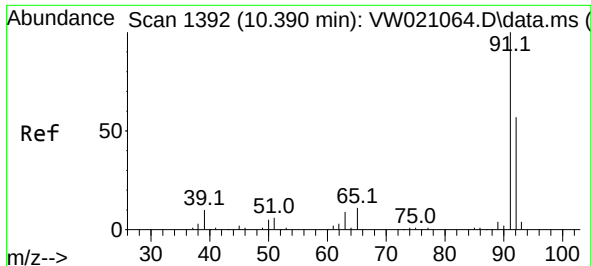
Tgt Ion: 75 Resp: 652

Ion Ratio Lower Upper

75 100

77 56.1 21.8 40.6#

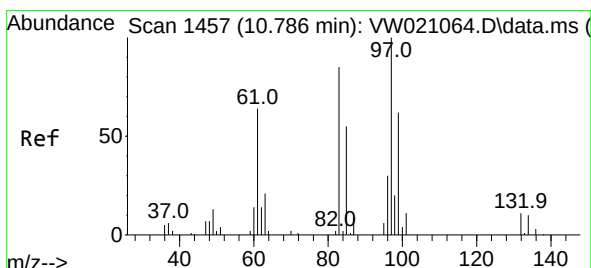
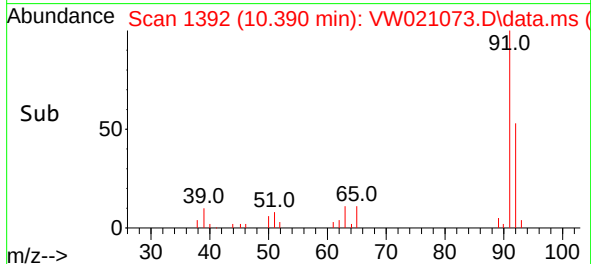
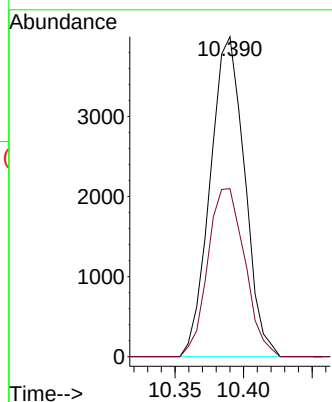
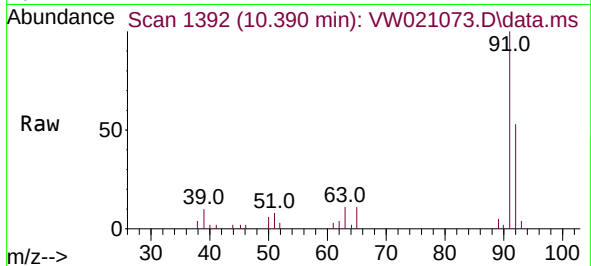




#42
Toluene
Concen: 2.137 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

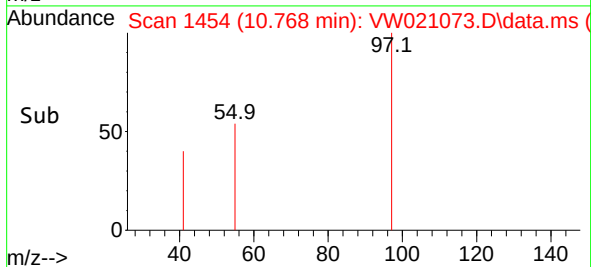
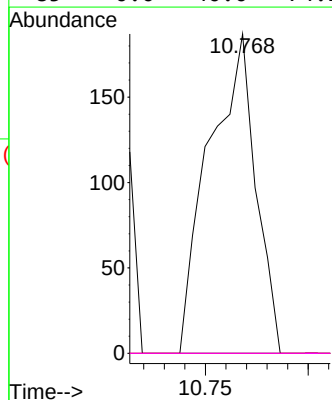
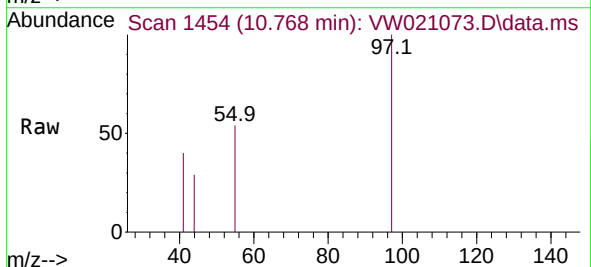
Instrument :
MSVOA_W
ClientSampleId :

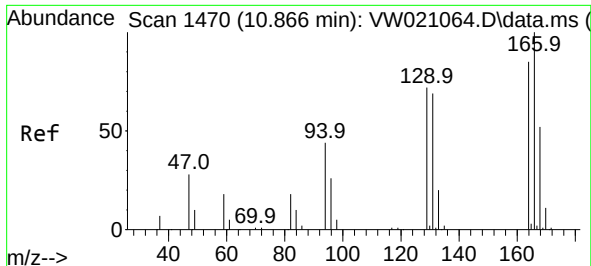
Tgt Ion: 91 Resp: 6989
Ion Ratio Lower Upper
91 100
92 52.5 41.7 77.5



#45
1,1,2-Trichloroethane
Concen: 0.542 ug/L
RT: 10.768 min Scan# 1454
Delta R.T. -0.018 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

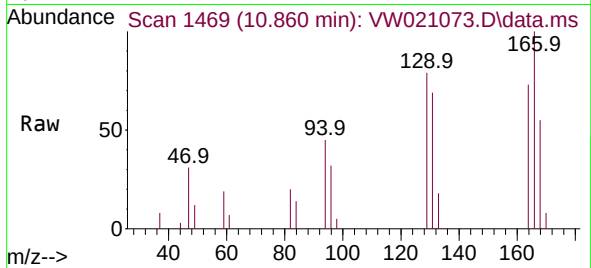
Tgt Ion: 97 Resp: 294
Ion Ratio Lower Upper
97 100
99 0.0 43.0 79.8#
83 0.0 62.6 116.3#
85 0.0 40.0 74.2#



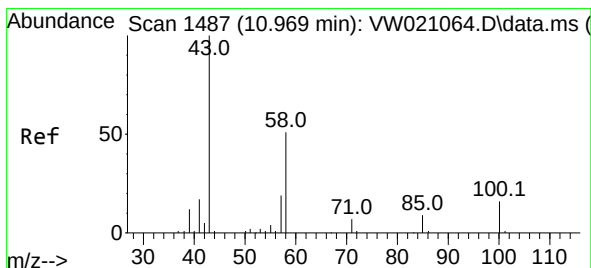
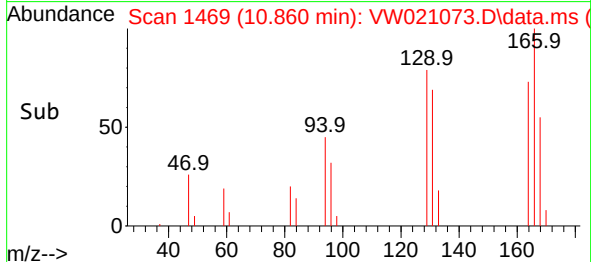
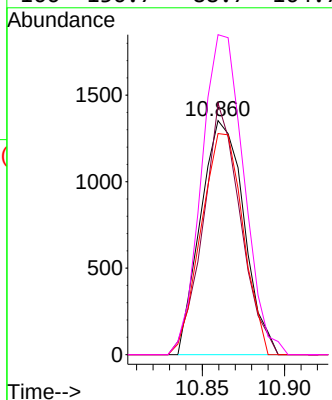


#46
Tetrachloroethene
Concen: 3.421 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Instrument :
MSVOA_W
ClientSampleId :

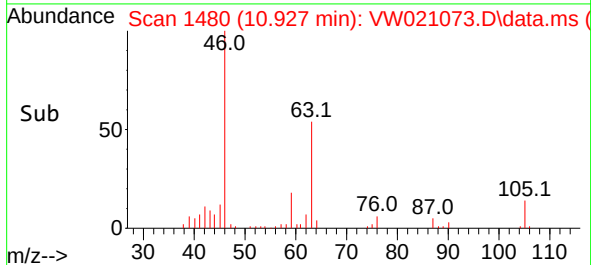
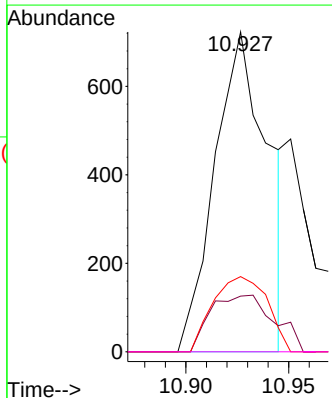
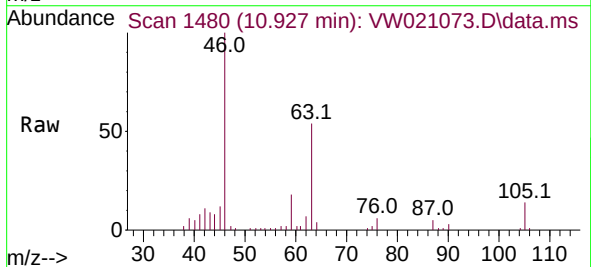


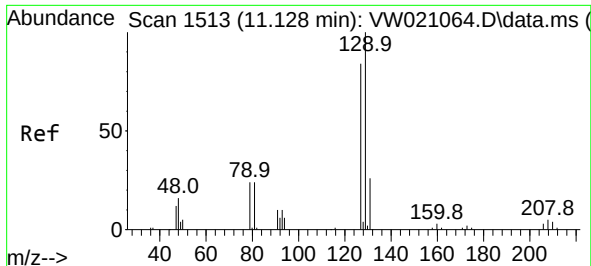
Tgt Ion:164 Resp: 2474
Ion Ratio Lower Upper
164 100
129 107.5 65.5 121.7
131 94.5 59.7 110.9
166 136.7 88.7 164.7



#48
2-Hexanone
Concen: 4.063 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 19.4 40.2 60.2#
57 24.2 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 3.199 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021073.D

Acq: 03 Dec 2021 18:52

Instrument :

MSVOA_W

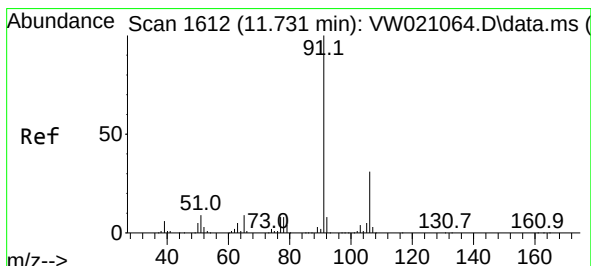
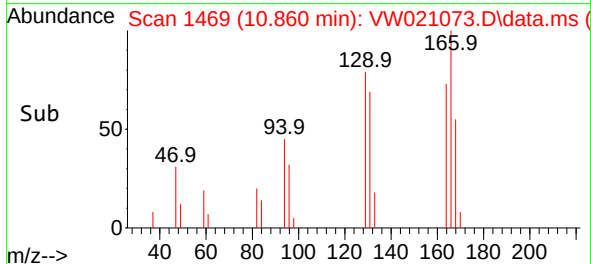
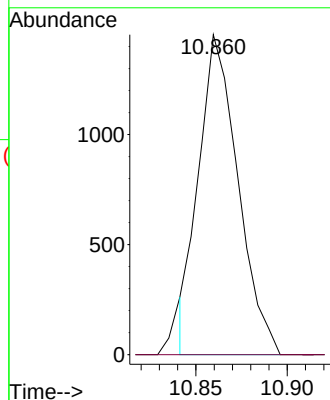
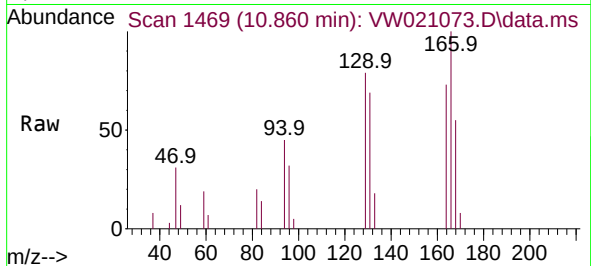
ClientSampleId :

Tgt Ion:129 Resp: 2169

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#52

Ethylbenzene

Concen: 1.199 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021073.D

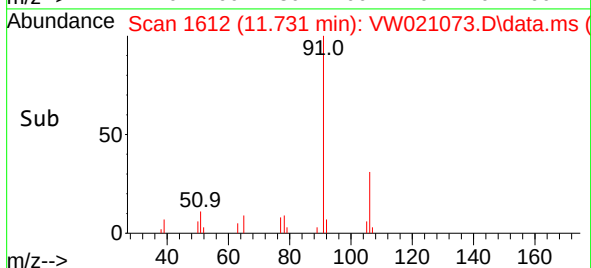
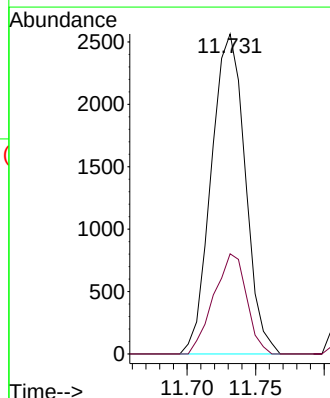
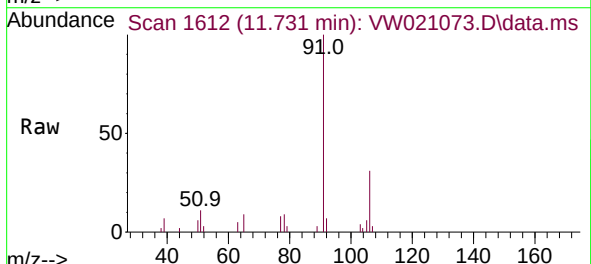
Acq: 03 Dec 2021 18:52

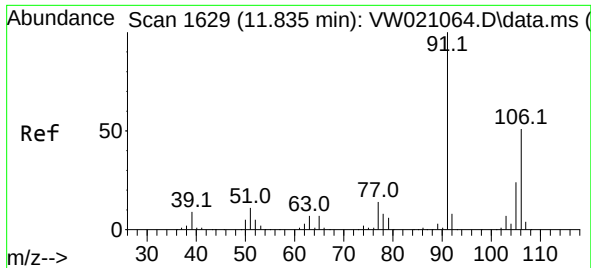
Tgt Ion: 91 Resp: 4414

Ion Ratio Lower Upper

91 100

106 31.3 21.5 39.9

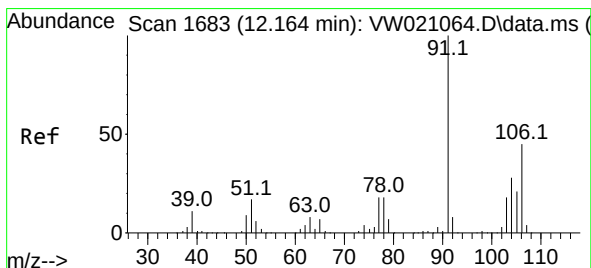
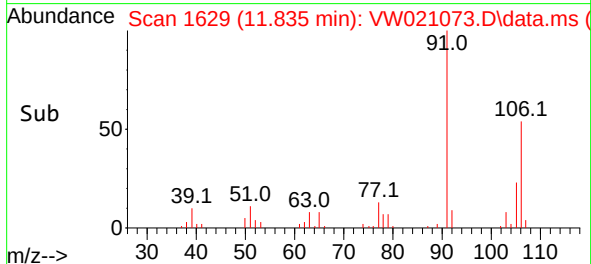
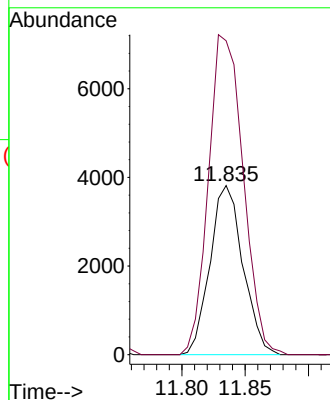
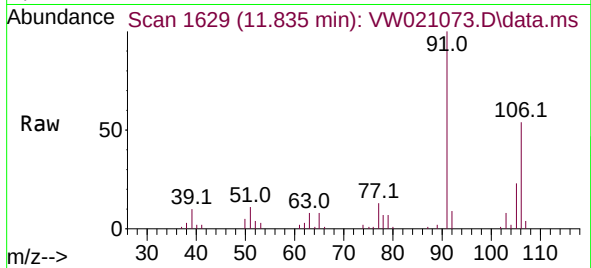




#53
m,p-Xylene
Concen: 4.546 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

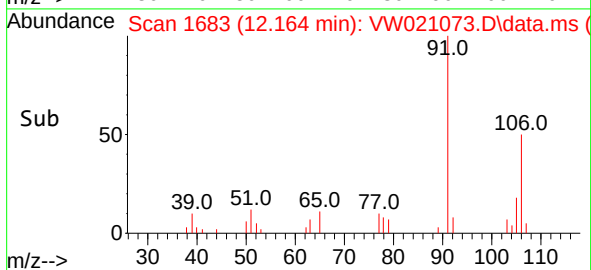
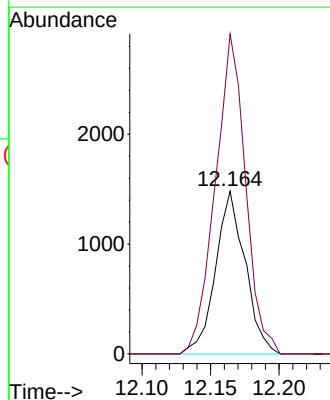
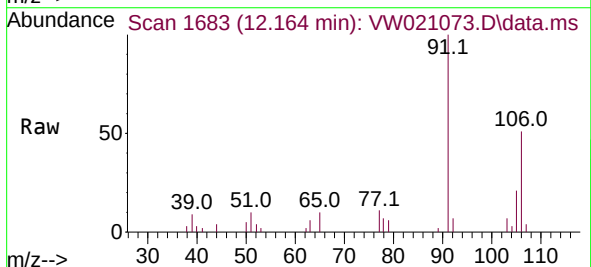
Instrument :
MSVOA_W
ClientSampleId :

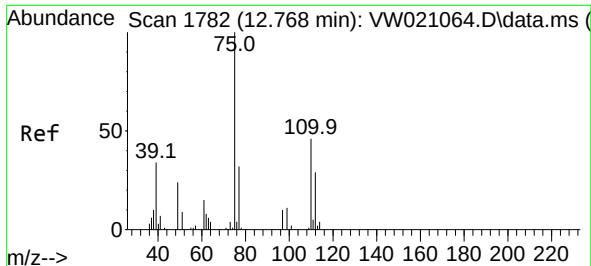
Tgt Ion:106 Resp: 6922
Ion Ratio Lower Upper
106 100
91 185.6 149.9 278.3



#54
o-Xylene
Concen: 1.553 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

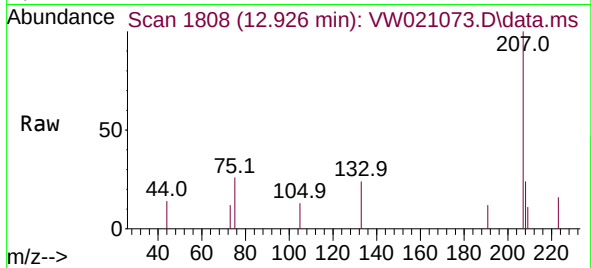
Tgt Ion:106 Resp: 2229
Ion Ratio Lower Upper
106 100
91 196.6 153.6 285.3



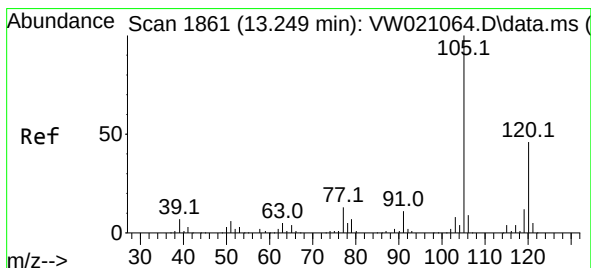
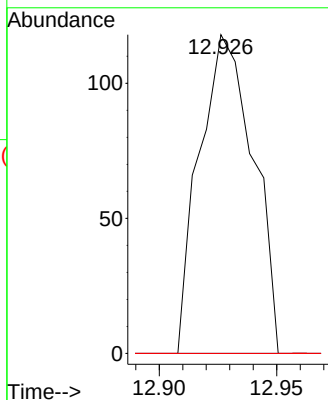
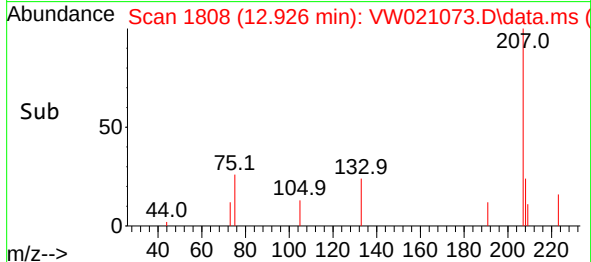


#61
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 12.926 min Scan# 1808
Delta R.T. 0.158 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

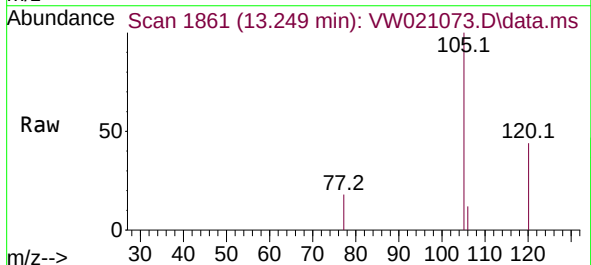
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.0 43.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.665 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52



Tgt Ion: 105 Resp: 751
Ion Ratio Lower Upper
105 100
120 37.3 35.0 52.6

