

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023180.D
 Acq On : 03 Nov 2021 12:20
 Operator : SY/MD
 Sample : M4412-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:03:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126346	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42784	3.875	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.600%	
7) Chloroethane-d5	1.567	69	35863	5.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.111	63	59180	3.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.892	46	85603	48.335	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.680%	
24) Chloroform-d	4.352	84	87081	4.852	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.037	65	41802	4.941	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.053	84	172150	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.072	67	51176	4.439	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.320	98	148828	4.425	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	7.625	79	18471	4.573	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.091	63	66704	44.608	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.220%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32996	4.145	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57432	4.962	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	474	0.055	ug/L #	69
12) 1,1-Dichloroethene	2.108	96	623	0.096	ug/L #	1
13) Acetone	2.182	43	9012	10.372	ug/L	90
30) Cyclohexane	4.677	56	1238	0.098	ug/L	88
33) Benzene	5.104	78	50398	1.460	ug/L	100
35) Methylcyclohexane	6.072	83	12498	1.007	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5703	0.656	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1539	0.142	ug/L #	59
42) Toluene	7.390	91	124121	3.549	ug/L	97
52) Ethylbenzene	9.017	91	14447	0.416	ug/L	99
53) m,p-xylene	9.140	106	18986	1.364	ug/L	98
54) o-xylene	9.548	106	13444	1.026	ug/L	99
61) 1,2,3-Trichloropropane	9.548	75	300	0.066	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.541	105	4296	0.163	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	18080	0.687	ug/L	99
71) Naphthalene	13.512	128	4258	0.285	ug/L	97

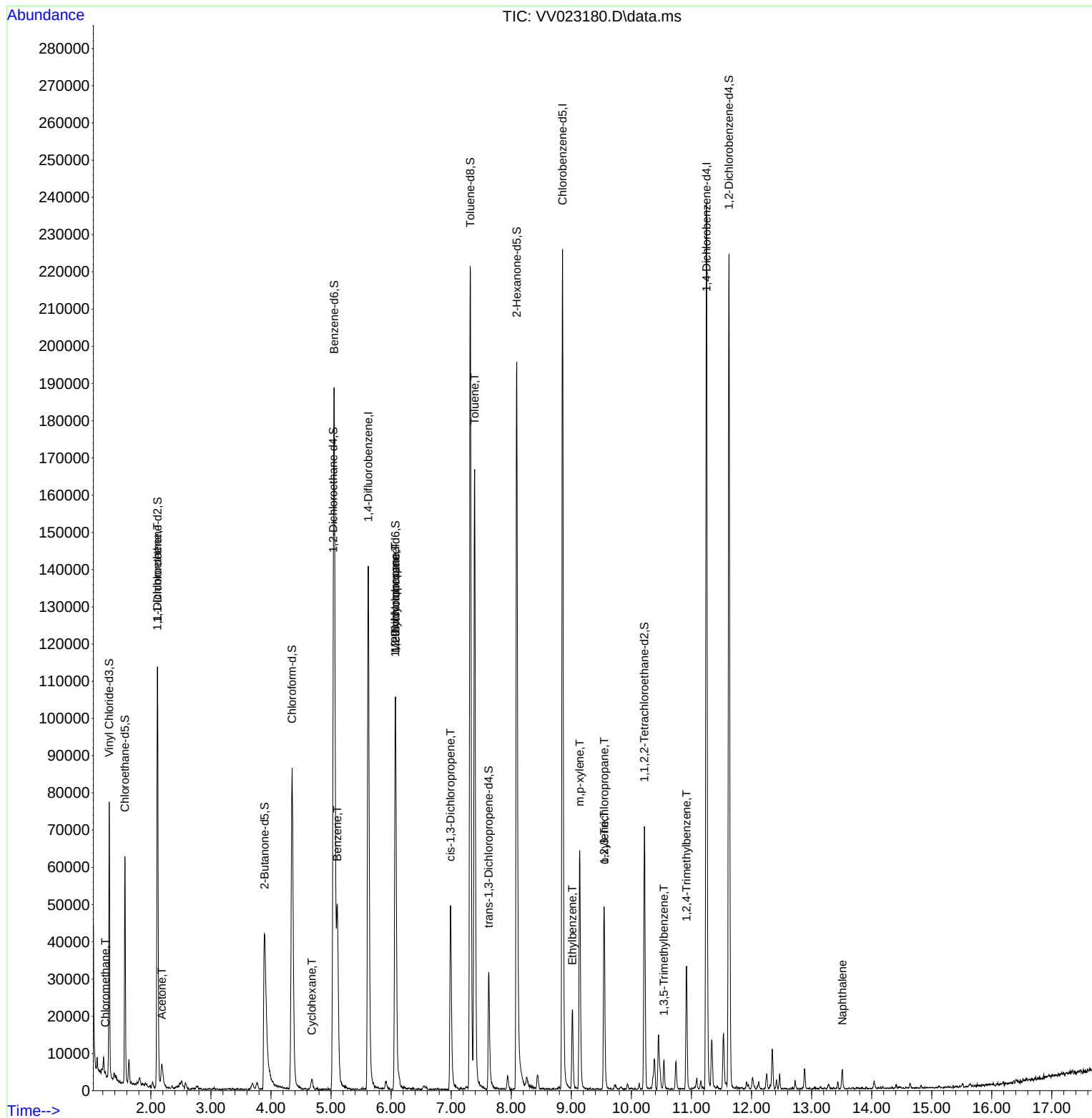
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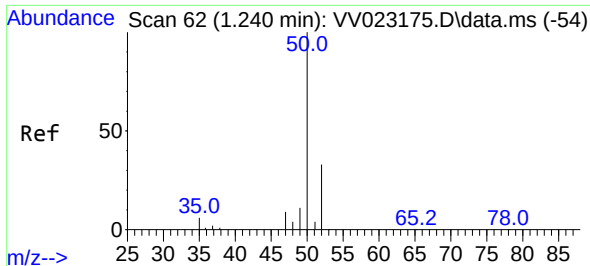
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
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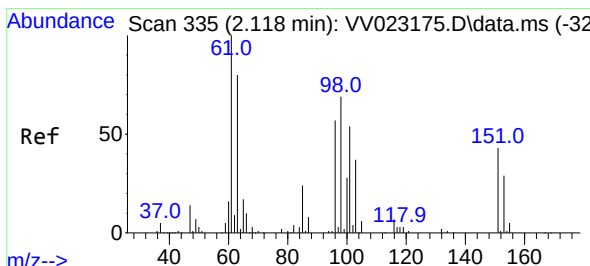
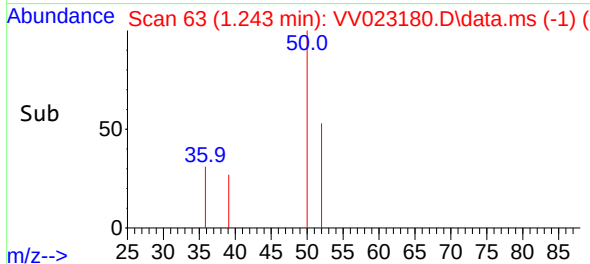
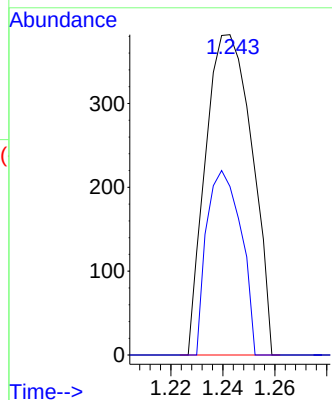
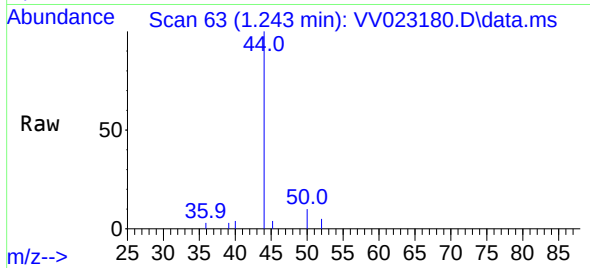




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

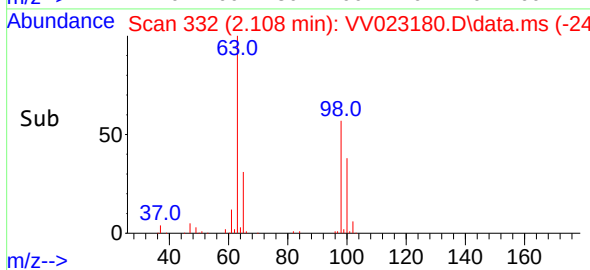
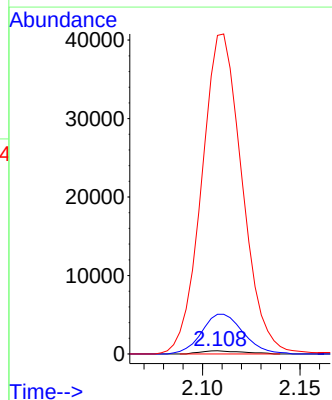
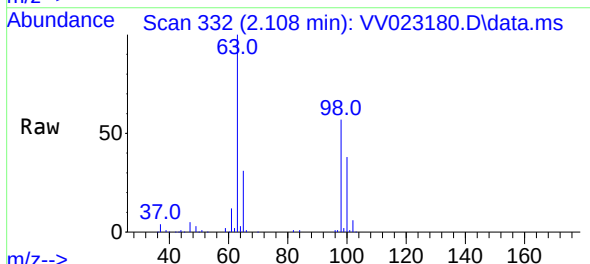
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MSVOA_V
ClientSampleId :

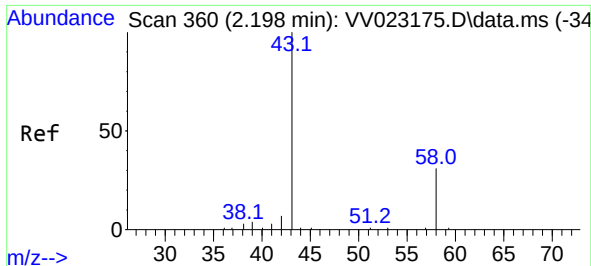
Tgt Ion: 50 Resp: 474
Ion Ratio Lower Upper
50 100
52 52.6 24.3 45.1#



#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

Tgt Ion: 96 Resp: 623
Ion Ratio Lower Upper
96 100
61 1218.0 121.5 225.7#
63 9761.5 99.6 185.0#

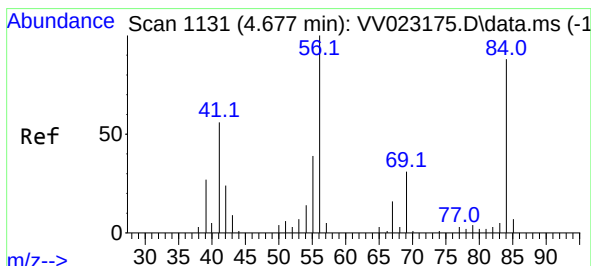
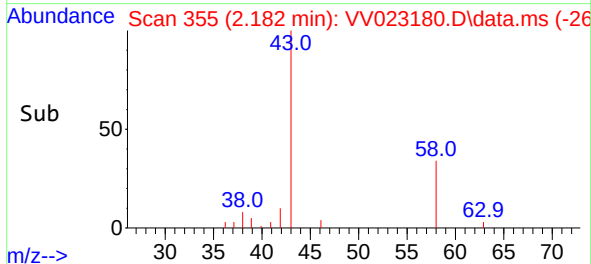
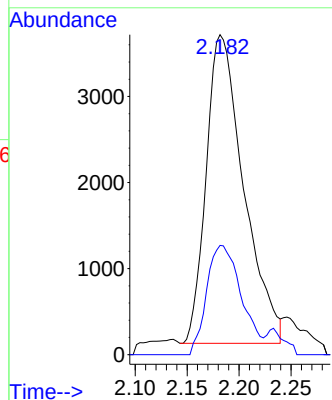
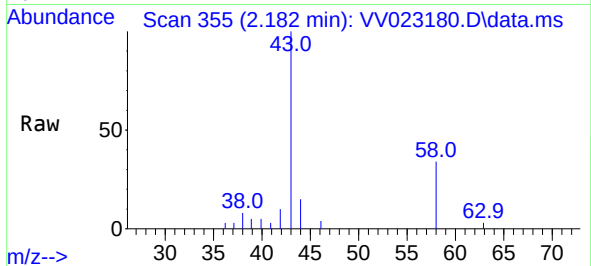




#13
Acetone
Concen: 10.372 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

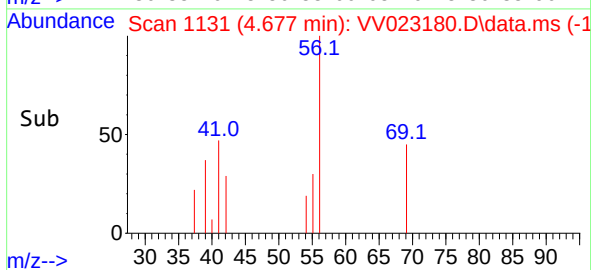
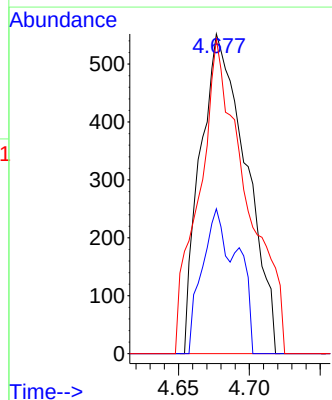
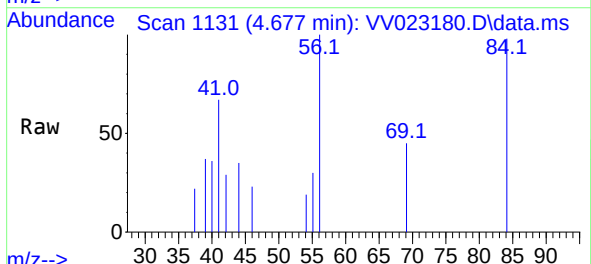
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ClientSampleId :

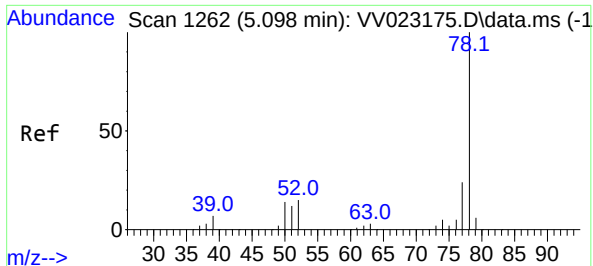
Tgt Ion: 43 Resp: 9012
Ion Ratio Lower Upper
43 100
58 32.9 0.0 55.4



#30
Cyclohexane
Concen: 0.098 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

Tgt Ion: 56 Resp: 1238
Ion Ratio Lower Upper
56 100
69 24.6 23.5 35.3
84 101.6 71.6 107.4

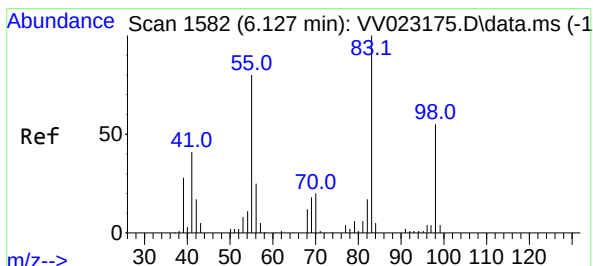
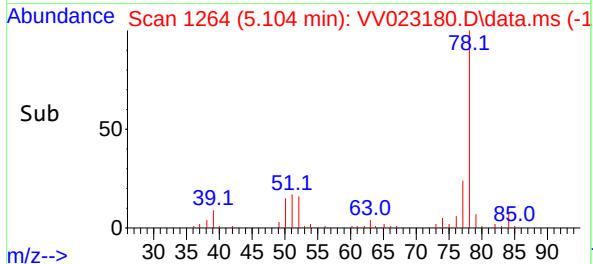
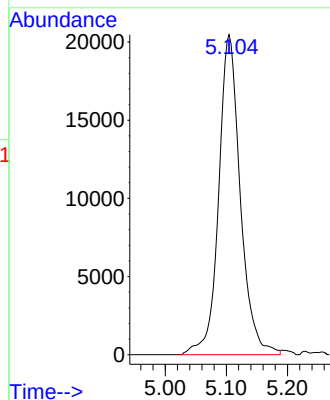
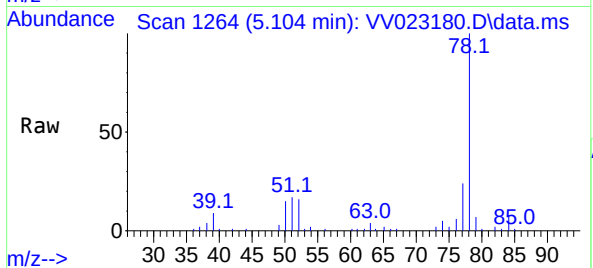




#33
Benzene
Concen: 1.460 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

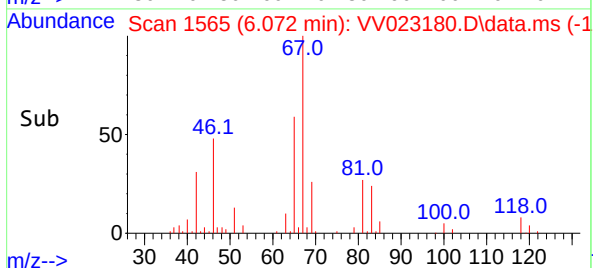
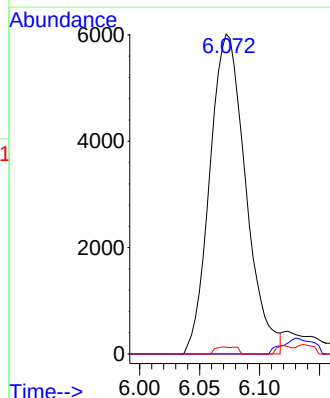
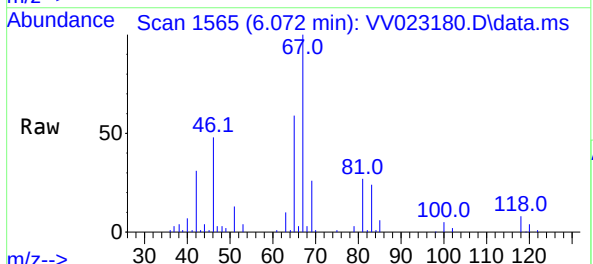
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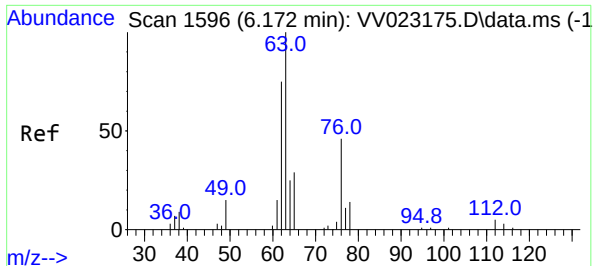
Tgt Ion: 78 Resp: 50398



#35
Methylcyclohexane
Concen: 1.007 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

Tgt Ion: 83 Resp: 12498
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.3 37.9 56.9#

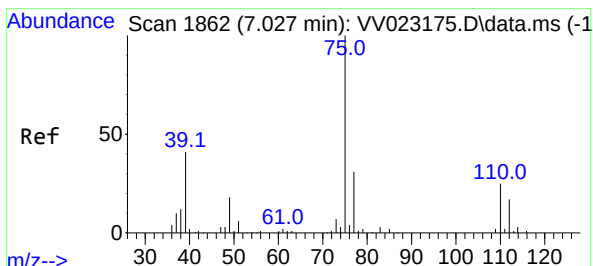
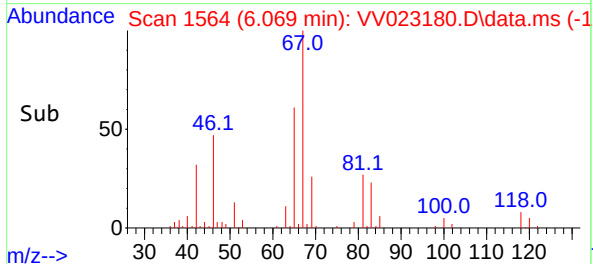
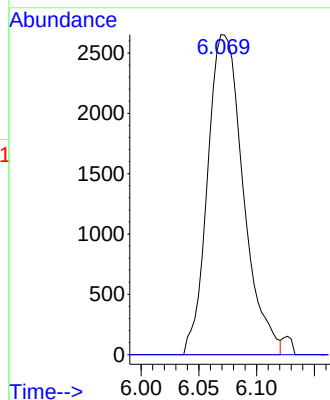
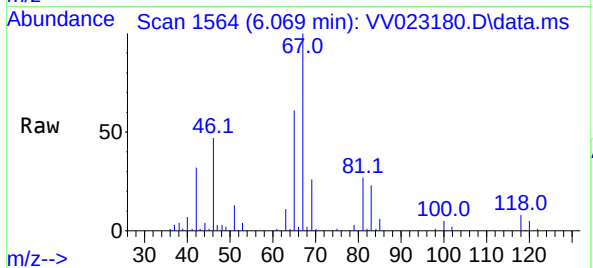




#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

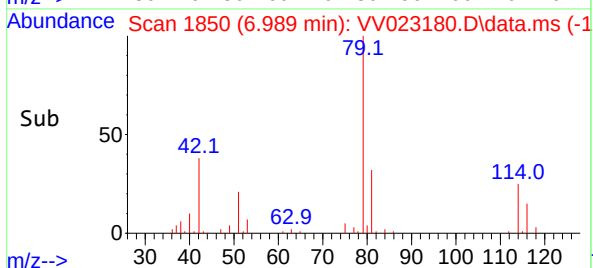
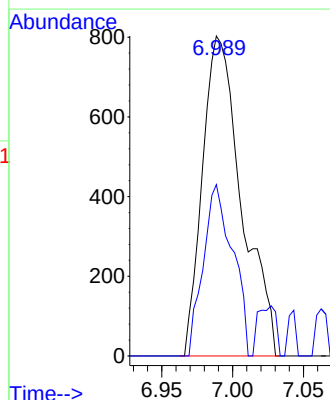
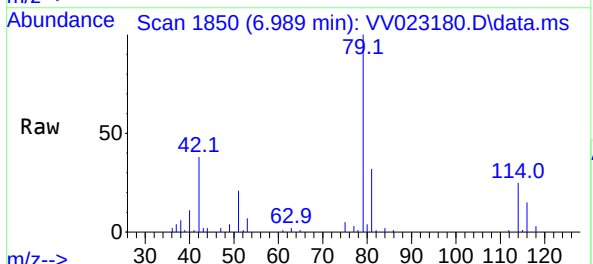
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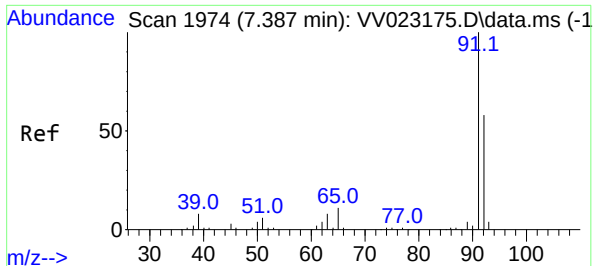
Tgt Ion: 63 Resp: 5703
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



#39
cis-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

Tgt Ion: 75 Resp: 1539
Ion Ratio Lower Upper
75 100
77 53.5 21.6 40.2#





#42

Toluene

Concen: 3.549 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023180.D

Acq: 03 Nov 2021 12:20

Instrument :

MSVOA_V

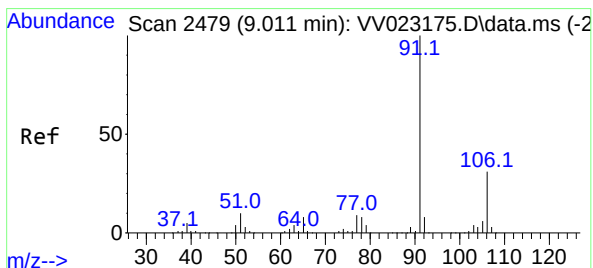
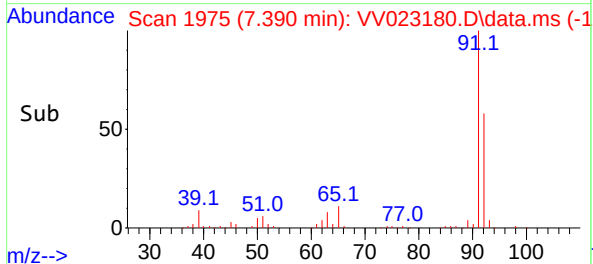
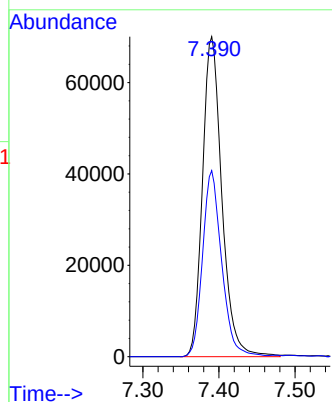
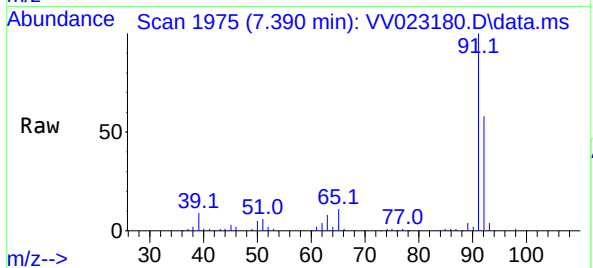
ClientSampleId :

Tgt Ion: 91 Resp: 124121

Ion Ratio Lower Upper

91 100

92 58.1 39.3 72.9



#52

Ethylbenzene

Concen: 0.416 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV023180.D

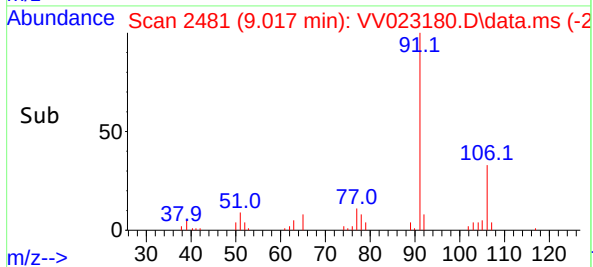
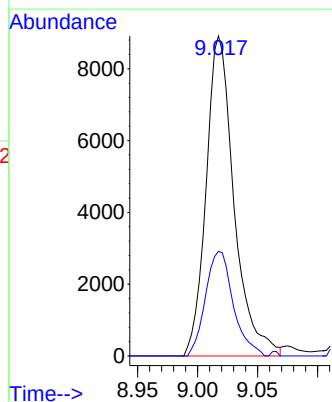
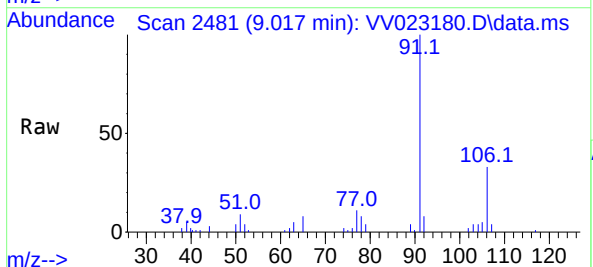
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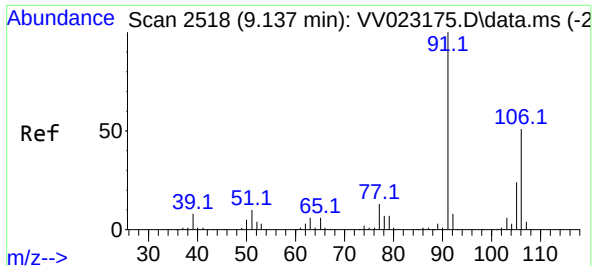
Tgt Ion: 91 Resp: 14447

Ion Ratio Lower Upper

91 100

106 32.7 22.5 41.9

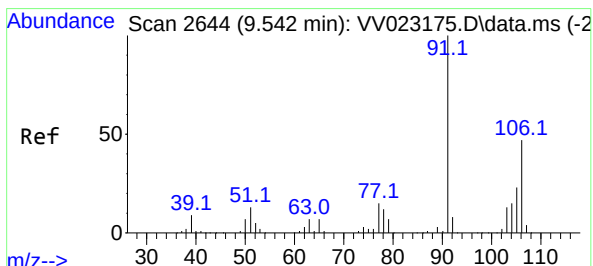
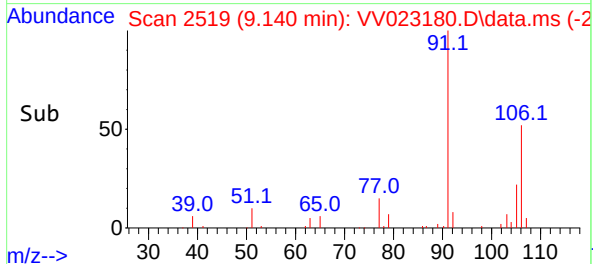
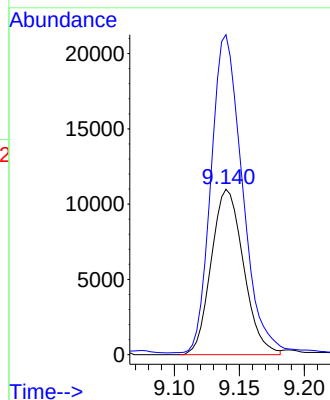
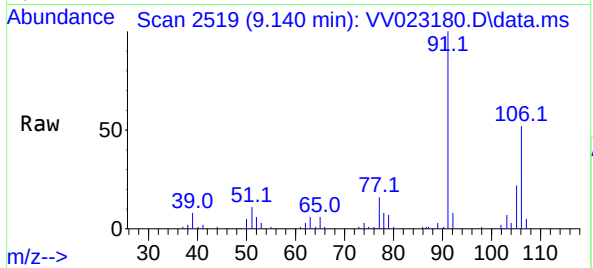




#53
m,p-xylene
Concen: 1.364 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

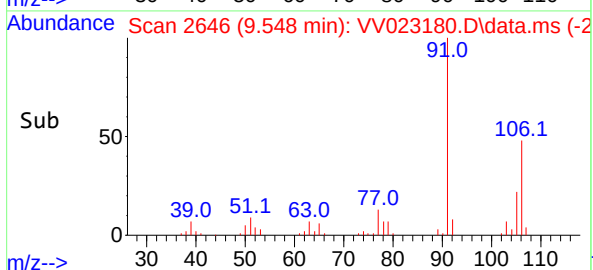
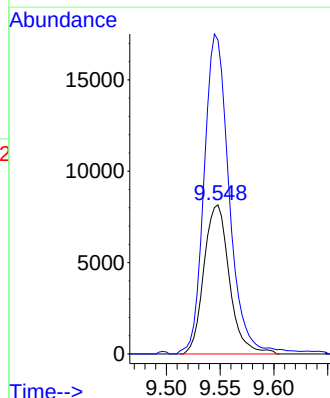
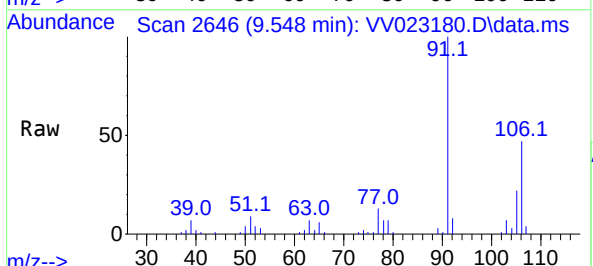
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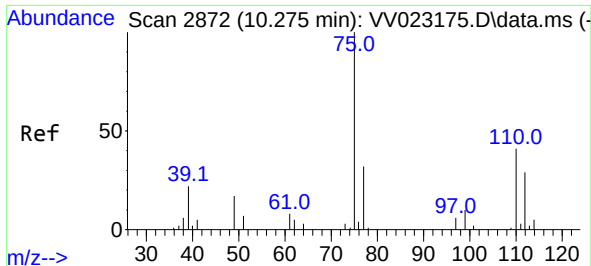
Tgt Ion:106 Resp: 18986
Ion Ratio Lower Upper
106 100
91 193.4 137.2 254.8



#54
o-xylene
Concen: 1.026 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

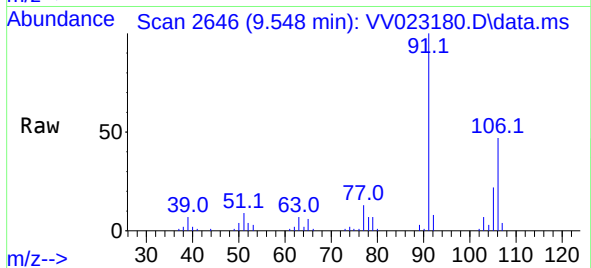
Tgt Ion:106 Resp: 13444
Ion Ratio Lower Upper
106 100
91 210.5 148.3 275.5



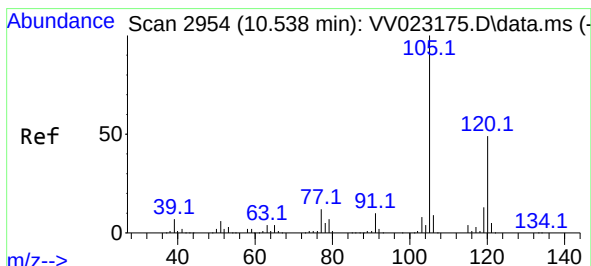
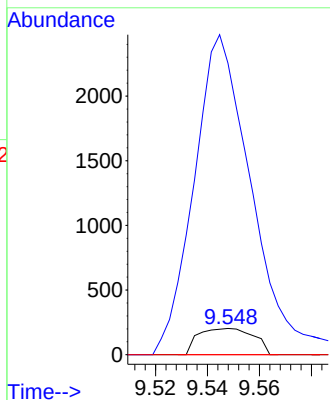
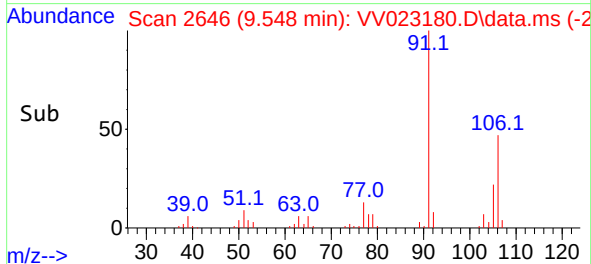


#61
1,2,3-Trichloropropane
Concen: 0.066 ug/L
RT: 9.548 min Scan# 210
Delta R.T. -0.727 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

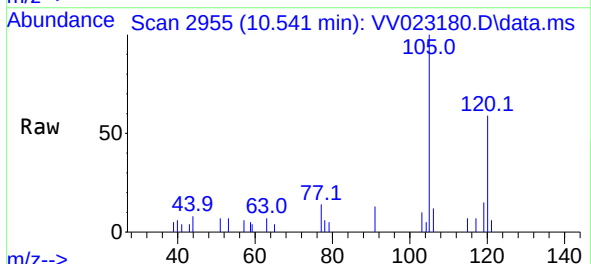
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MSVOA_V
ClientSampleId :



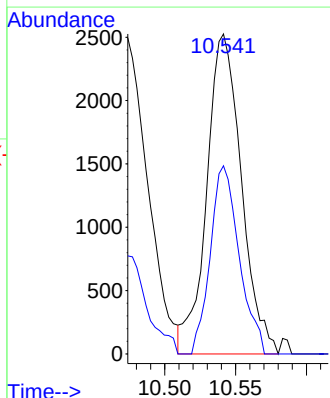
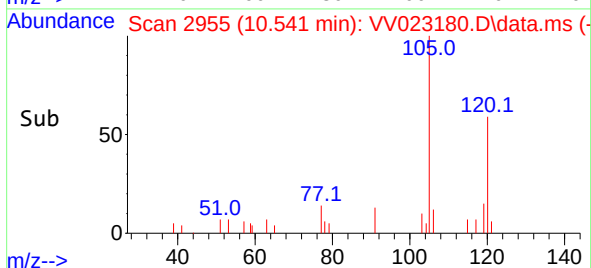
Tgt Ion: 75 Resp: 300
Ion Ratio Lower Upper
75 100
77 1266.3 26.6 39.8#
110 0.0 31.8 47.6#

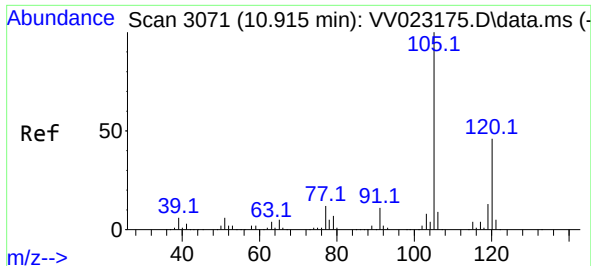


#62
1,3,5-Trimethylbenzene
Concen: 0.163 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20



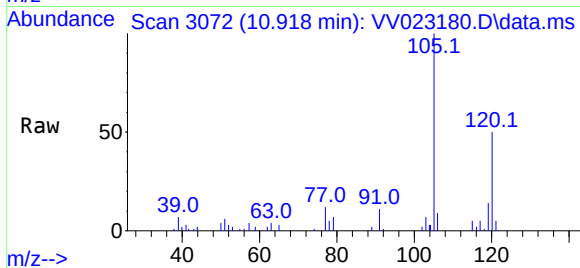
Tgt Ion: 105 Resp: 4296
Ion Ratio Lower Upper
105 100
120 49.0 39.7 59.5



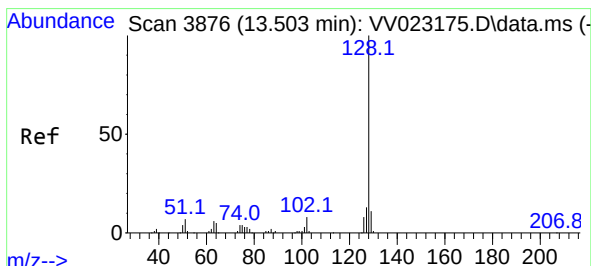
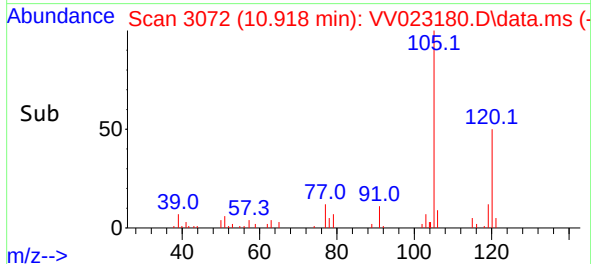
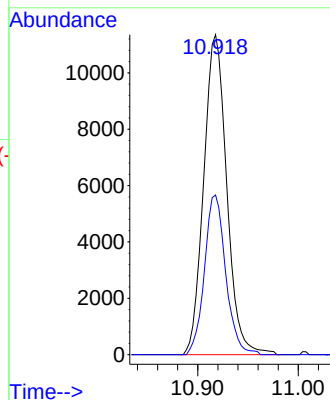


#63
1,2,4-Trimethylbenzene
Concen: 0.687 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 18080
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.2



#71
Naphthalene
Concen: 0.285 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023180.D
Acq: 03 Nov 2021 12:20

Tgt Ion:128 Resp: 4258
Ion Ratio Lower Upper
128 100
129 9.2 8.6 13.0
127 12.0 10.5 15.7

