

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023556.D
 Acq On : 17 Nov 2021 00:21
 Operator : SY/MD
 Sample : M4627-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4639

Quant Time: Nov 17 03:41:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29974	3.721	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.400%	
7) Chloroethane-d5	1.571	69	24477	3.728	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.600%	
11) 1,1-Dichloroethene-d2	2.111	63	42317	2.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.200%#	
20) 2-Butanone-d5	3.895	46	64732	46.638	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.280%	
24) Chloroform-d	4.352	84	60989	3.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.000%	
26) 1,2-Dichloroethane-d4	5.037	65	29907	3.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
32) Benzene-d6	5.053	84	115169	3.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.600%	
36) 1,2-Dichloropropane-d6	6.069	67	35403	3.846	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.000%	
41) Toluene-d8	7.317	98	98734	3.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	12002	3.438	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.800%	
46) 2-Hexanone-d5	8.091	63	44041	34.293	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24368	3.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	41769	4.115	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	585528	54.989	ug/L	98
8) Chloroethane	1.587	64	5645	0.919	ug/L #	71
12) 1,1-Dichloroethene	2.121	96	7851	1.024	ug/L #	23
14) Carbon disulfide	2.297	76	2558	0.088	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	197782	20.979	ug/L	98
19) 1,1-Dichloroethane	3.198	63	4525	0.284	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	1172562	129.239	ug/L #	91
33) Benzene	5.108	78	33791	0.992	ug/L	100
34) Trichloroethene	5.915	95	60068	6.631	ug/L	97
42) Toluene	7.391	91	28119	0.772	ug/L	94
52) Ethylbenzene	9.017	91	18091	0.471	ug/L	98
53) m,p-xylene	9.143	106	6889	0.457	ug/L	94
54) o-xylene	9.548	106	1768	0.125	ug/L	81
60) Isopropylbenzene	9.934	105	1959	0.056	ug/L #	94
62) 1,3,5-Trimethylbenzene	10.541	105	1609	0.055	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	2024	0.070	ug/L	90

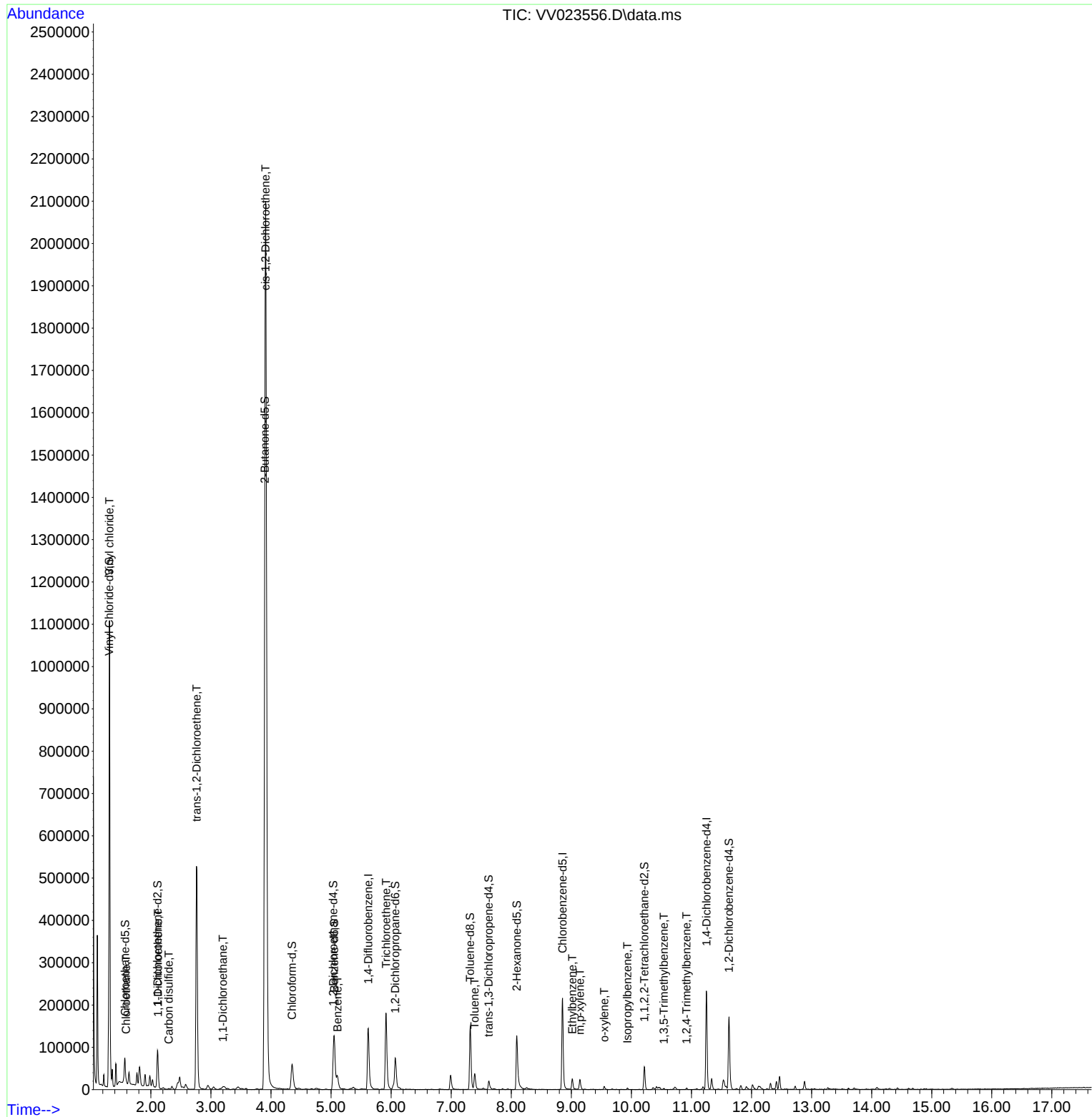
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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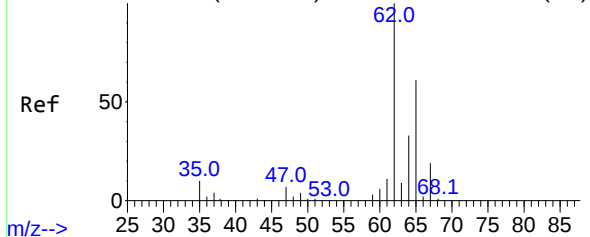
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
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Quant Time: Nov 17 03:41:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration



Abundance Scan 84 (1.311 min): VV023549.D\data.ms (-76)



#5

Vinyl chloride

Concen: 54.989 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV023556.D

Acq: 17 Nov 2021 00:21

Instrument :

MSVOA_V

ClientSampleId :

H4639

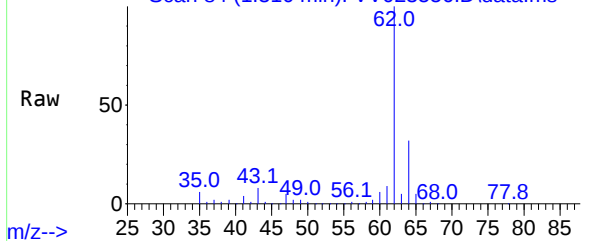
Tgt Ion: 62 Resp: 585528

Ion Ratio Lower Upper

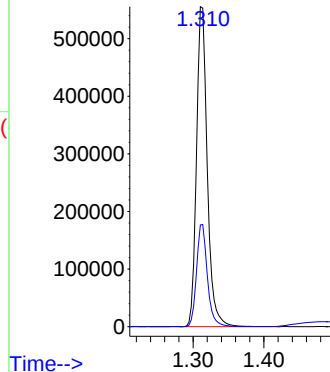
62 100

64 31.8 23.1 42.9

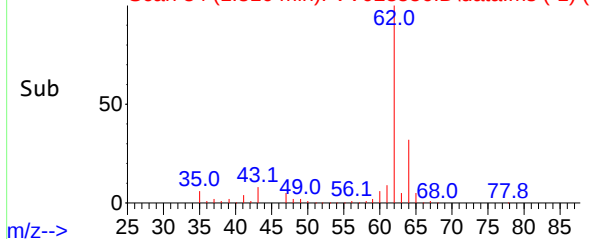
Abundance Scan 84 (1.310 min): VV023556.D\data.ms



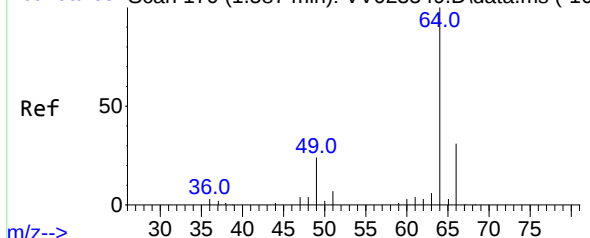
Abundance



Abundance Scan 84 (1.310 min): VV023556.D\data.ms (-1)



Abundance Scan 170 (1.587 min): VV023549.D\data.ms (-16)



#8

Chloroethane

Concen: 0.919 ug/L

RT: 1.587 min Scan# 170

Delta R.T. -0.000 min

Lab File: VV023556.D

Acq: 17 Nov 2021 00:21

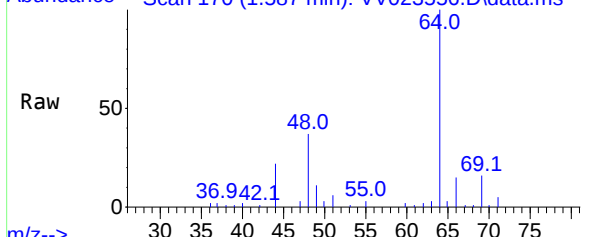
Tgt Ion: 64 Resp: 5645

Ion Ratio Lower Upper

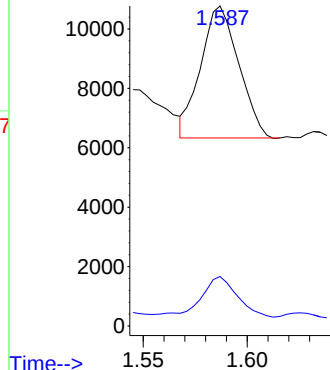
64 100

66 15.5 22.1 41.1#

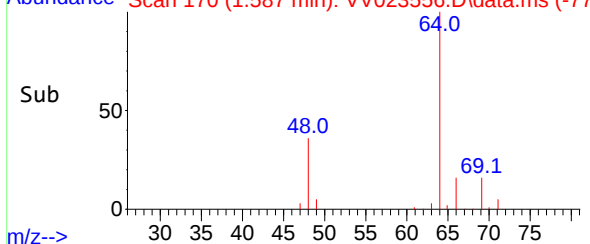
Abundance Scan 170 (1.587 min): VV023556.D\data.ms

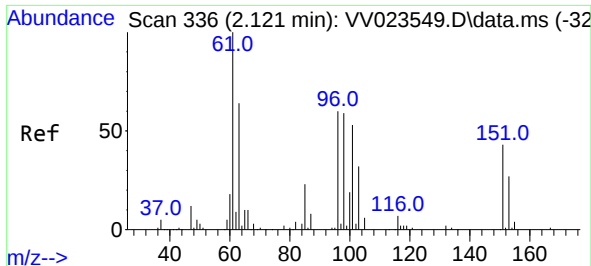


Abundance



Abundance Scan 170 (1.587 min): VV023556.D\data.ms (-77)

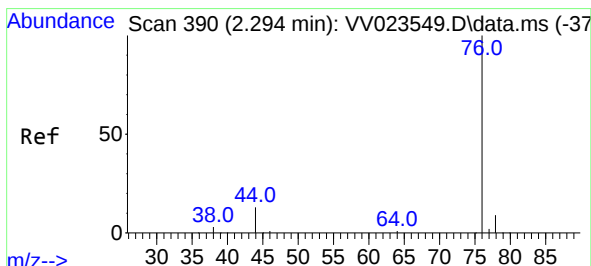
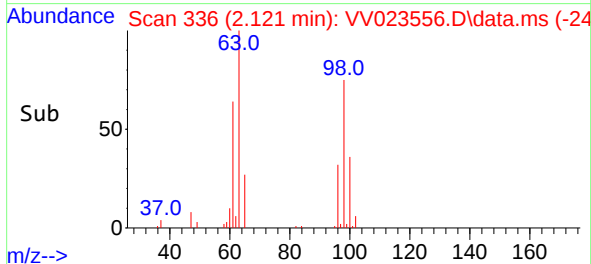
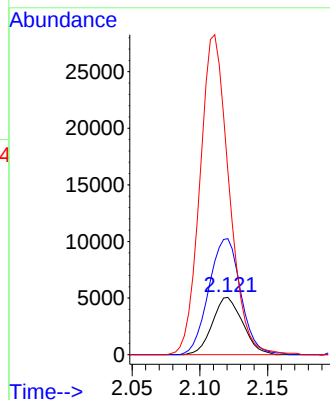
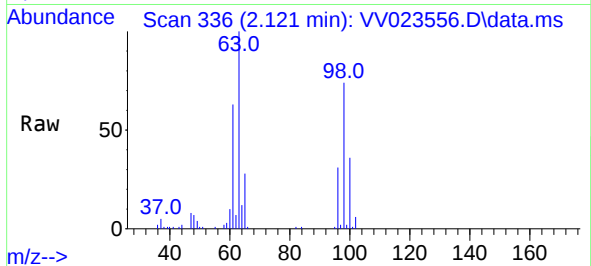




#12
1,1-Dichloroethene
Concen: 1.024 ug/L
RT: 2.121 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

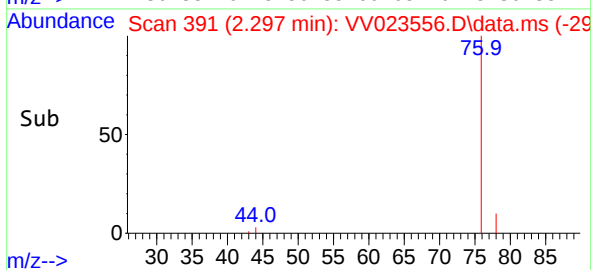
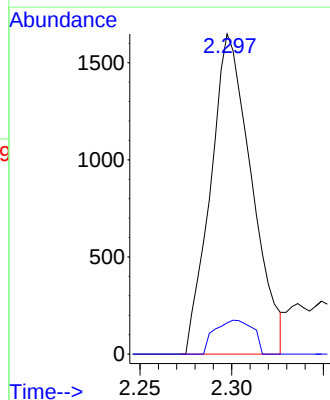
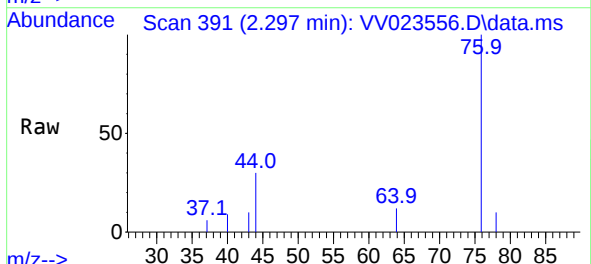
Instrument :
MSVOA_V
ClientSampleId :
H4639

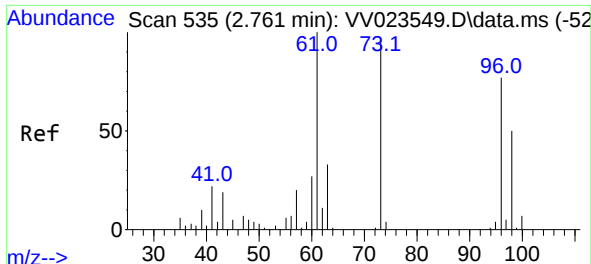
Tgt Ion: 96 Resp: 7851
Ion Ratio Lower Upper
96 100
61 202.6 121.5 225.7
63 320.5 99.6 185.0#



#14
Carbon disulfide
Concen: 0.088 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

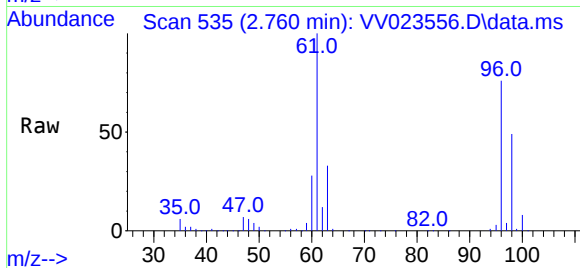
Tgt Ion: 76 Resp: 2558
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





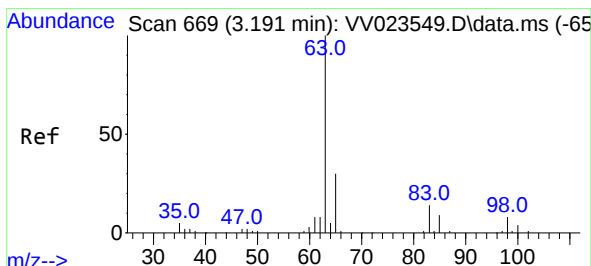
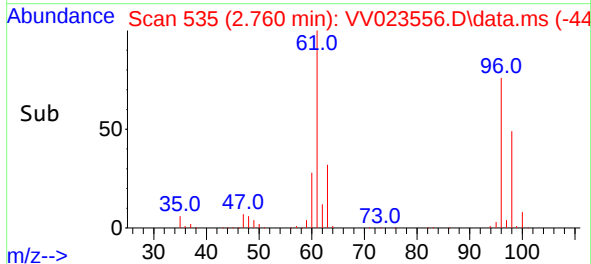
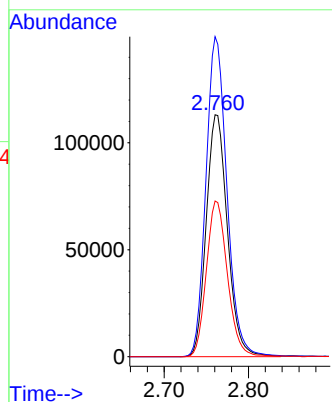
#18
trans-1,2-Dichloroethene
Concen: 20.979 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

Instrument :
MSVOA_V
ClientSampleId :
H4639



Tgt Ion: 96 Resp: 197782

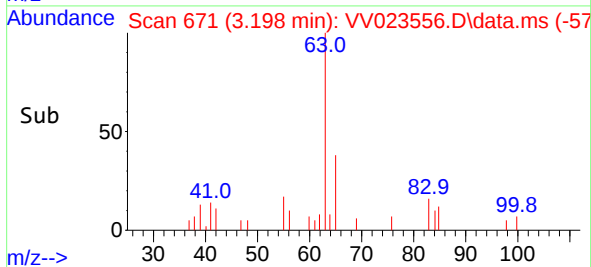
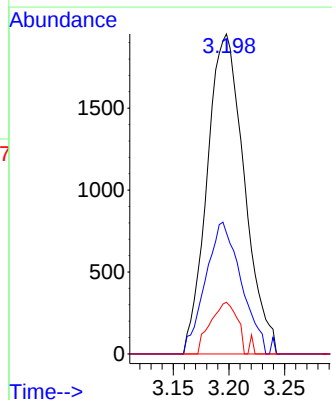
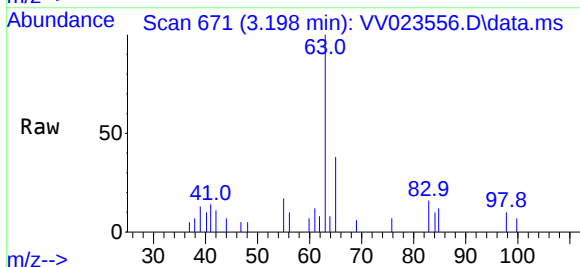
Ion	Ratio	Lower	Upper
96	100		
61	132.3	93.2	173.2
98	64.3	47.0	87.2

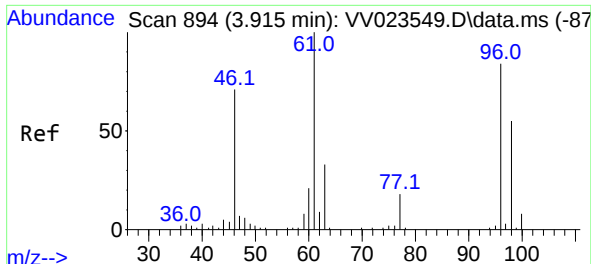


#19
1,1-Dichloroethane
Concen: 0.284 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.006 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

Tgt Ion: 63 Resp: 4525

Ion	Ratio	Lower	Upper
63	100		
65	37.8	22.6	42.0
83	16.1	11.1	20.7

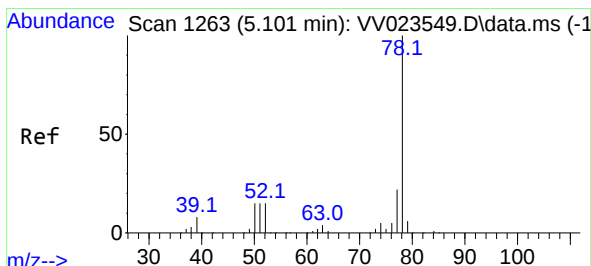
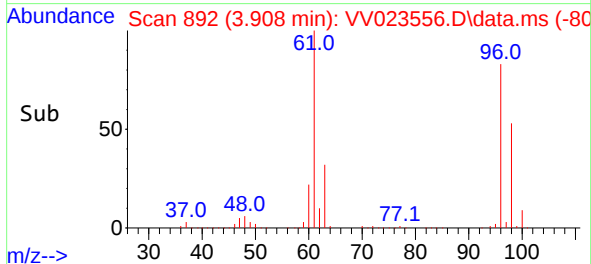
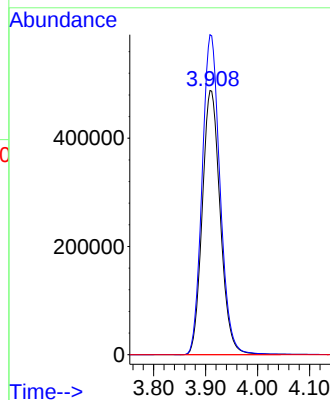
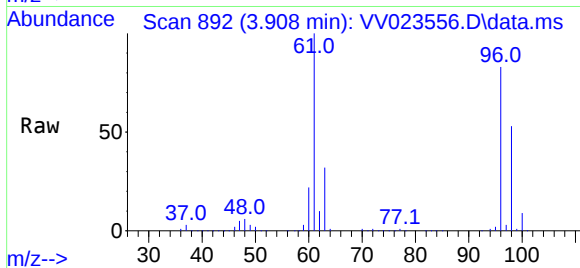




#22
cis-1,2-Dichloroethene
Concen: 129.239 ug/L
RT: 3.908 min Scan# 894
Delta R.T. -0.007 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

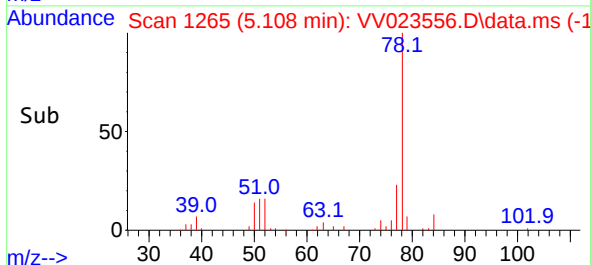
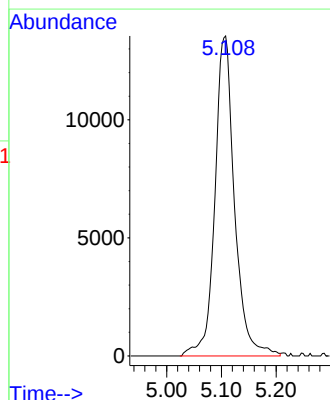
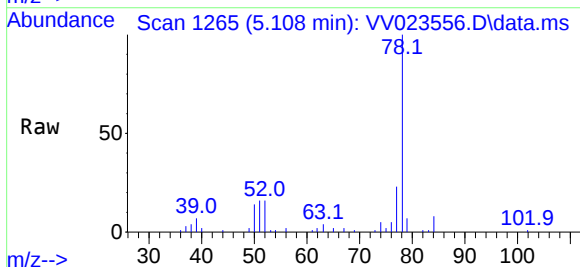
Instrument :
MSVOA_V
ClientSampleId :
H4639

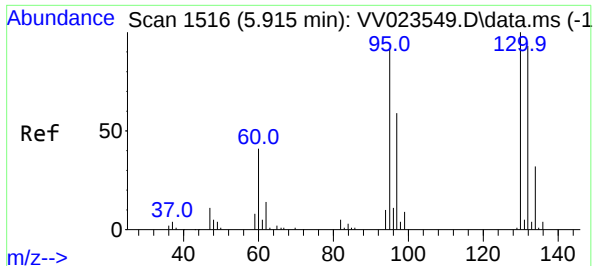
Tgt Ion: 96 Resp: 1172562
Ion Ratio Lower Upper
96 100
61 121.1 92.3 171.3
68 0.0 0.4 0.8#



#33
Benzene
Concen: 0.992 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

Tgt Ion: 78 Resp: 33791





#34

Trichloroethene

Concen: 6.631 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023556.D

Acq: 17 Nov 2021 00:21

Instrument :

MSVOA_V

ClientSampleId :

H4639

Tgt Ion: 95 Resp: 60068

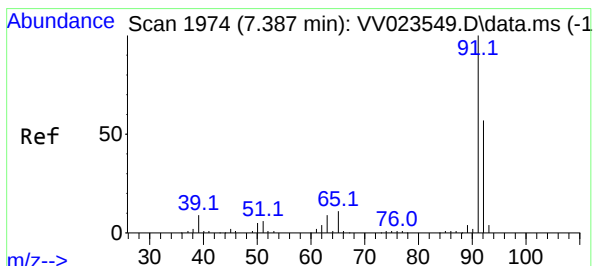
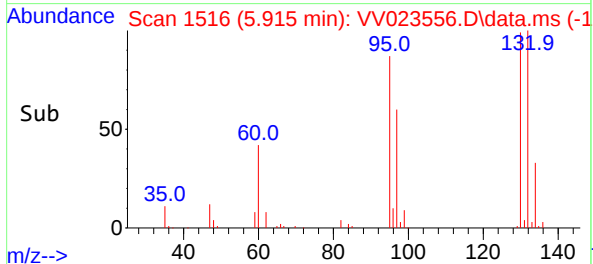
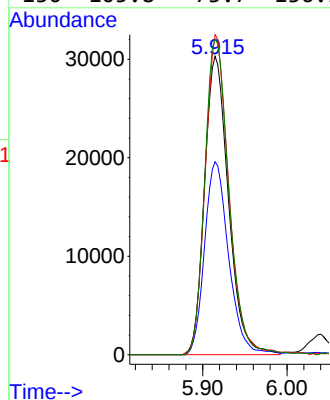
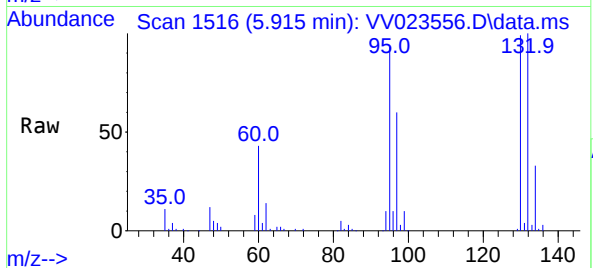
Ion Ratio Lower Upper

95 100

97 64.7 45.0 83.6

132 107.3 69.7 129.4

130 105.8 73.7 136.9



#42

Toluene

Concen: 0.772 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023556.D

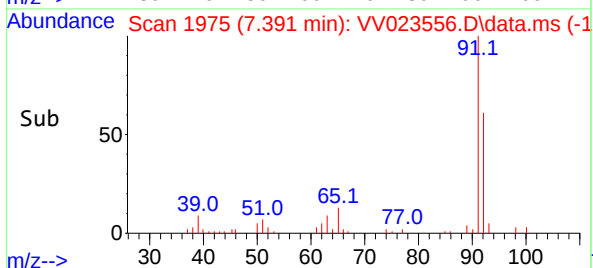
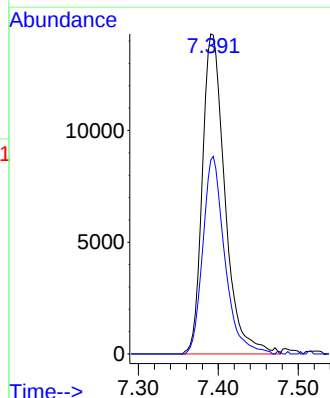
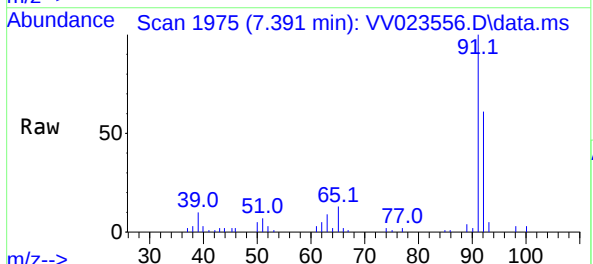
Acq: 17 Nov 2021 00:21

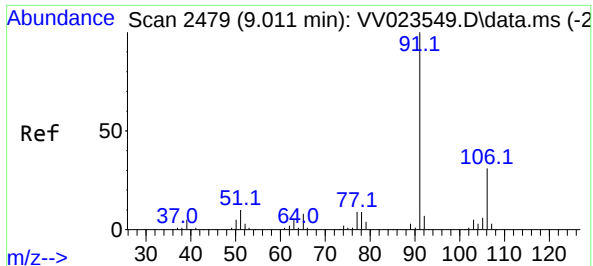
Tgt Ion: 91 Resp: 28119

Ion Ratio Lower Upper

91 100

92 60.6 39.3 72.9





#52

Ethylbenzene

Concen: 0.471 ug/L

RT: 9.017 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV023556.D

Acq: 17 Nov 2021 00:21

Instrument :

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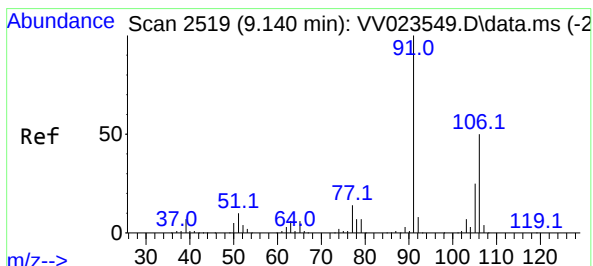
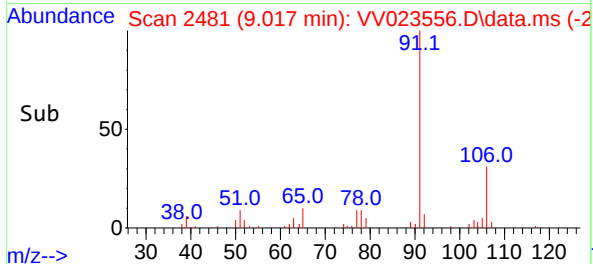
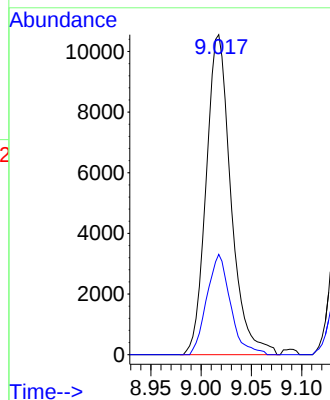
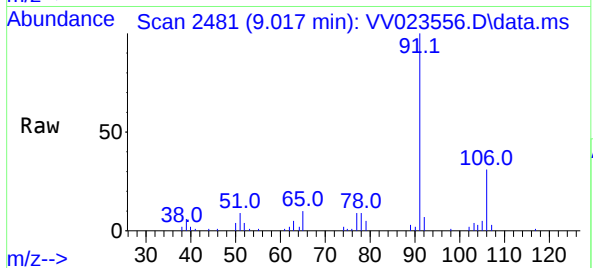
H4639

Tgt Ion: 91 Resp: 18091

Ion Ratio Lower Upper

91 100

106 31.3 22.5 41.9



#53

m,p-xylene

Concen: 0.457 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV023556.D

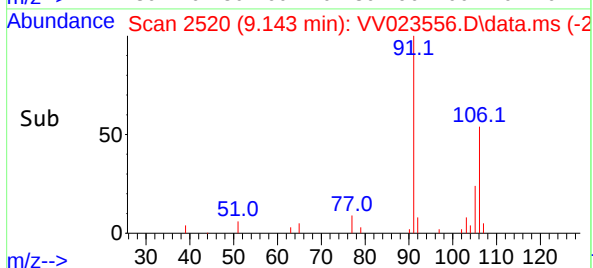
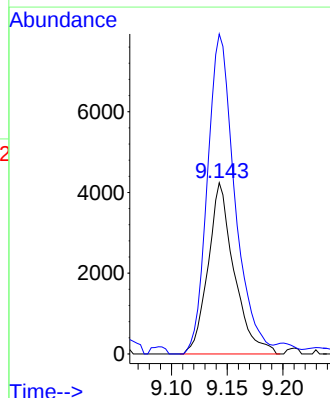
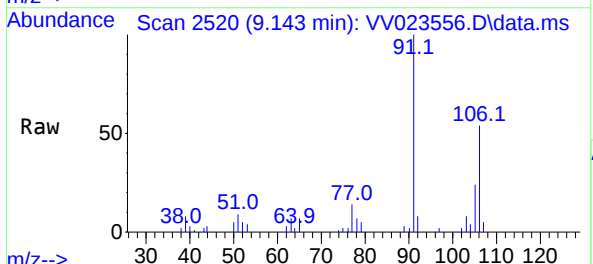
Acq: 17 Nov 2021 00:21

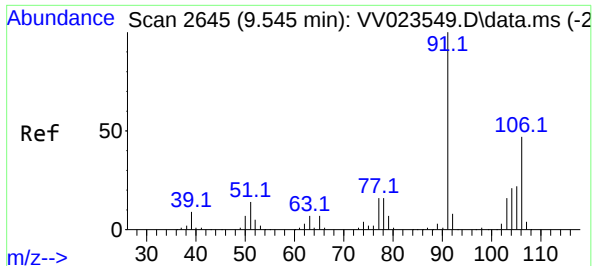
Tgt Ion:106 Resp: 6889

Ion Ratio Lower Upper

106 100

91 186.9 137.2 254.8

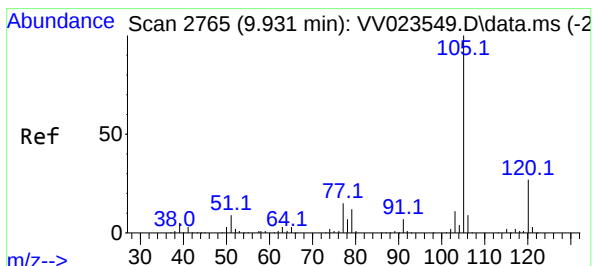
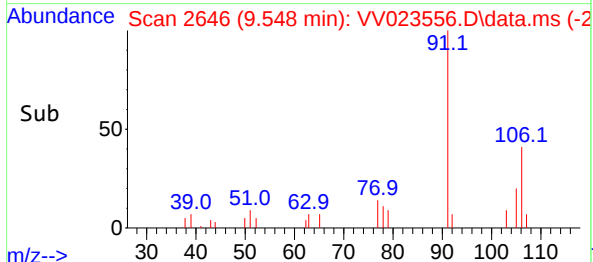
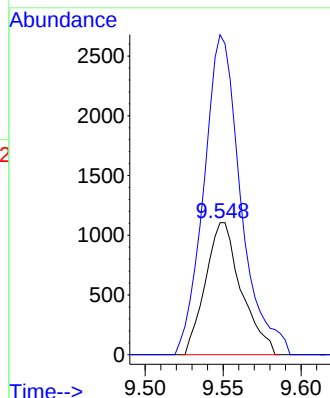
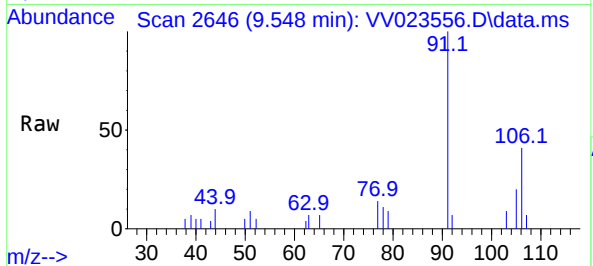




#54
o-xylene
Concen: 0.125 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

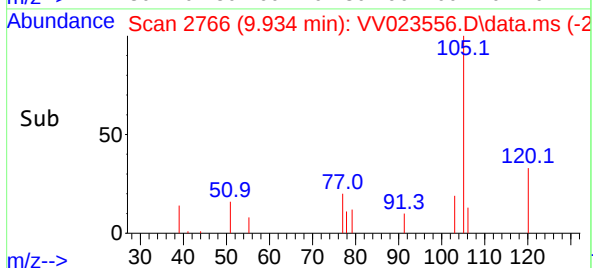
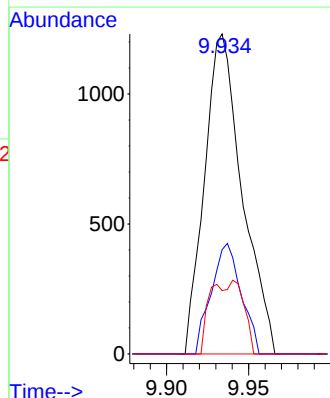
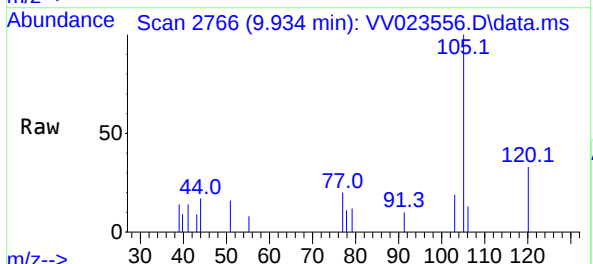
Instrument :
MSVOA_V
ClientSampleId :
H4639

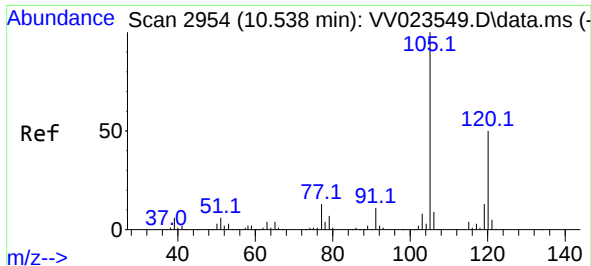
Tgt Ion:106 Resp: 1768
Ion Ratio Lower Upper
106 100
91 242.2 148.3 275.5



#60
Isopropylbenzene
Concen: 0.056 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023556.D
Acq: 17 Nov 2021 00:21

Tgt Ion:105 Resp: 1959
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 9.4 12.6 19.0#





#62

1,3,5-Trimethylbenzene

Concen: 0.055 ug/L

RT: 10.541 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023556.D

Acq: 17 Nov 2021 00:21

Instrument :

MSVOA_V

ClientSampleId :

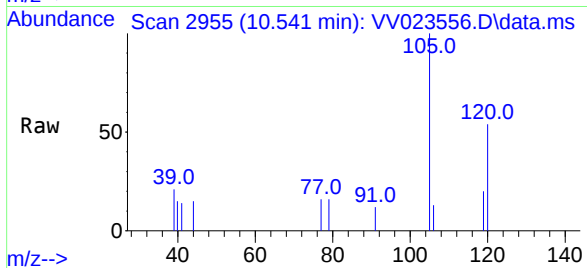
H4639

Tgt Ion:105 Resp: 1609

Ion Ratio Lower Upper

105 100

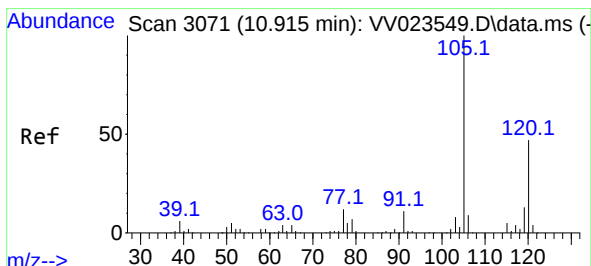
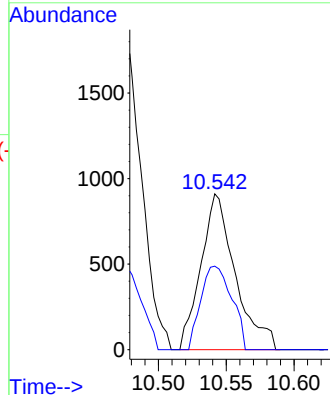
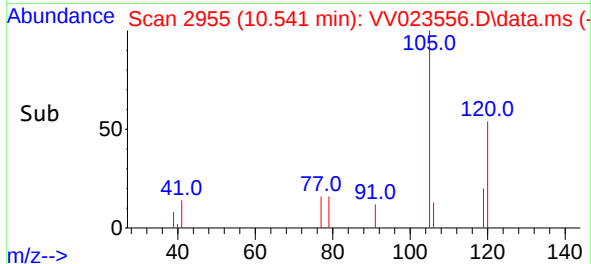
120 48.0 39.7 59.5



Abundance

m/z-->

Time-->



#63

1,2,4-Trimethylbenzene

Concen: 0.070 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023556.D

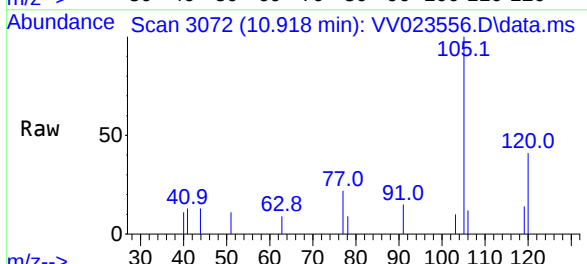
Acq: 17 Nov 2021 00:21

Tgt Ion:105 Resp: 2024

Ion Ratio Lower Upper

105 100

120 39.9 37.4 56.2



Abundance

m/z-->

Time-->

