

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023060.D
 Acq On : 27 Oct 2021 15:58
 Operator : SY/MD
 Sample : M4364-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG340

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/02/2021

Quant Time: Oct 28 01:46:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47143	4.191	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.568	69	32642	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.108	63	60553	3.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.905	46	100929	55.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.880%
24) Chloroform-d	4.349	84	96564	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.037	65	46559	5.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.053	84	193817	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.072	67	61439	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.320	98	163705	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.625	79	18374	4.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.091	63	67158	44.127	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37872	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	60764	5.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						
3) Chloromethane	1.240	50	1971	0.223	ug/L	95
13) Acetone	2.191	43	7445m	8.410	ug/L	
42) Toluene	7.390	91	85621	2.405	ug/L	98
52) Ethylbenzene	9.017	91	4905	0.139	ug/L	98
53) m,p-xylene	9.143	106	7952	0.561	ug/L	92
54) o-xylene	9.551	106	2451	0.184	ug/L	71
63) 1,2,4-Trimethylbenzene	10.921	105	3591	0.153	ug/L	89

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

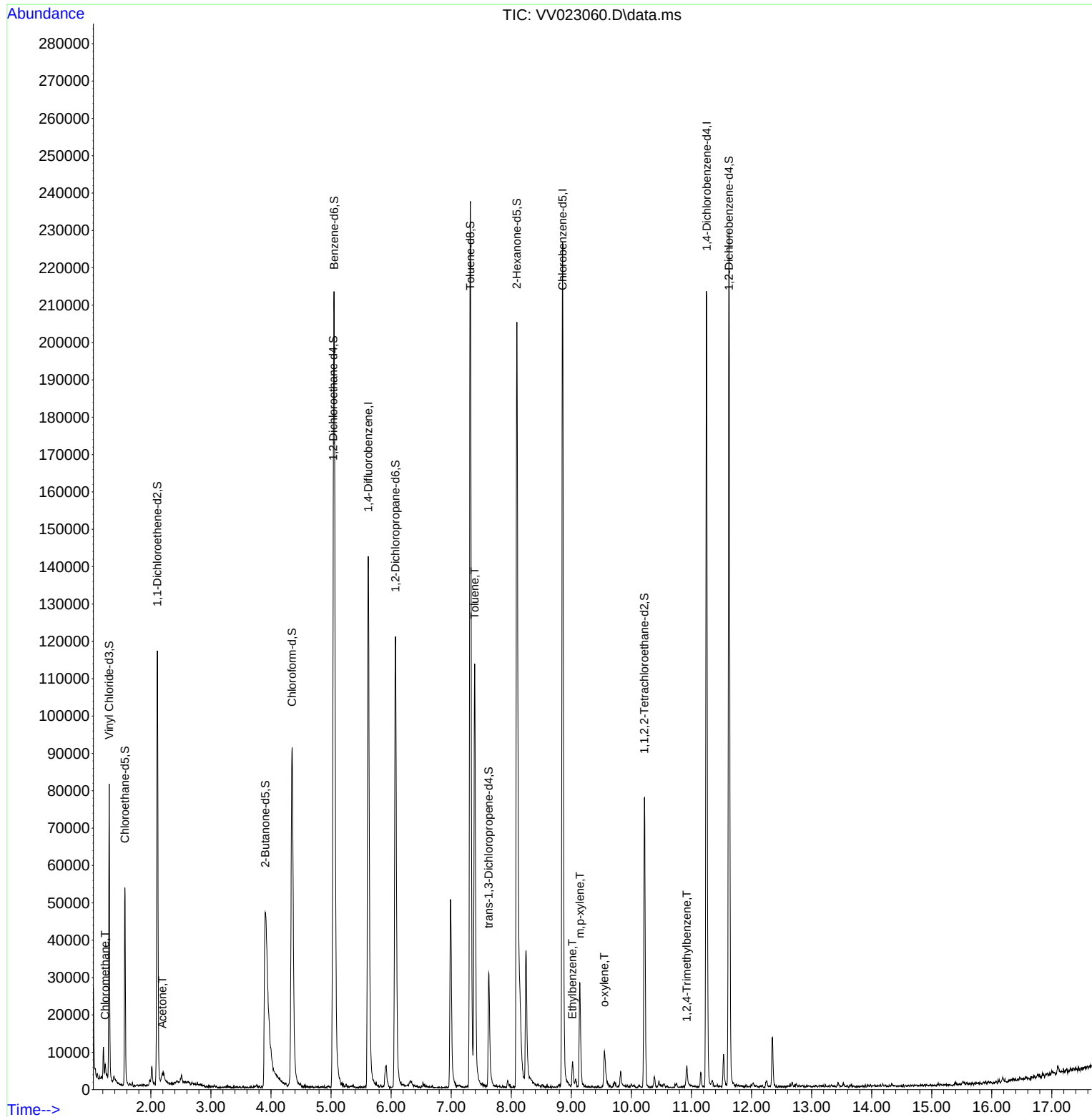
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
Data File : VV023060.D
Acq On : 27 Oct 2021 15:58
Operator : SY/MD
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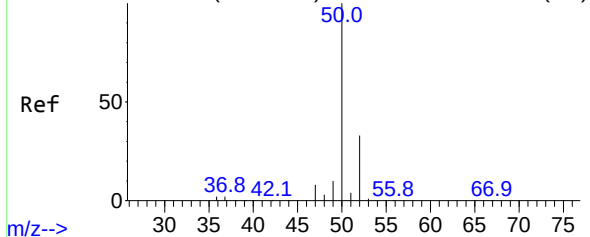
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



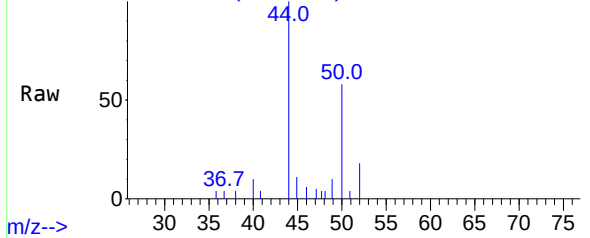
Abundance Scan 62 (1.240 min): VV023053.D\data.ms (-54)



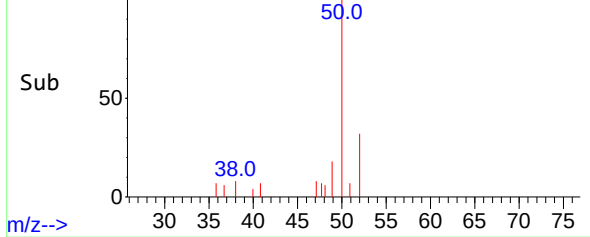
#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023060.D
Acq: 27 Oct 2021 15:58

Instrument :
MSVOA_V
ClientSampleId :
BG340

m/z-->



Abundance Scan 62 (1.240 min): VV023060.D\data.ms (-1)

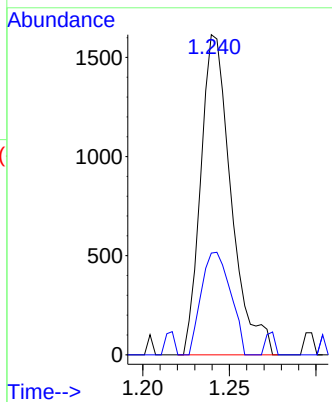


m/z-->

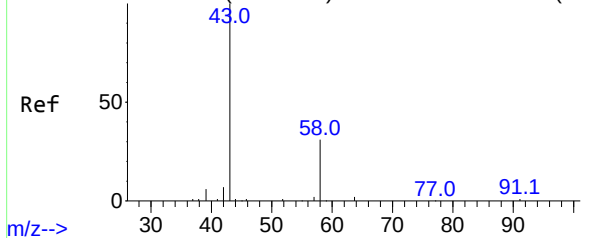
Tgt Ion: 50 Resp: 197
Ion Ratio Lower Upper
50 100
52 31.8 24.3 45.1

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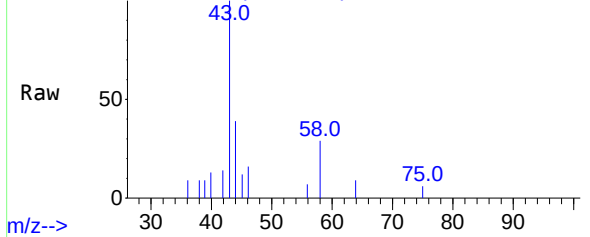
Abundance Scan 359 (2.195 min): VV023053.D\data.ms (-34)



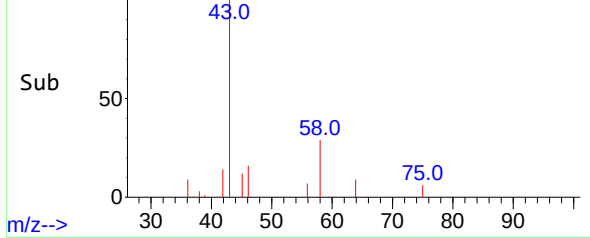
#13
Acetone
Concen: 8.410 ug/L m
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV023060.D
Acq: 27 Oct 2021 15:58

Tgt Ion: 43 Resp: 7445
Ion Ratio Lower Upper
43 100
58 10.0 0.0 55.4

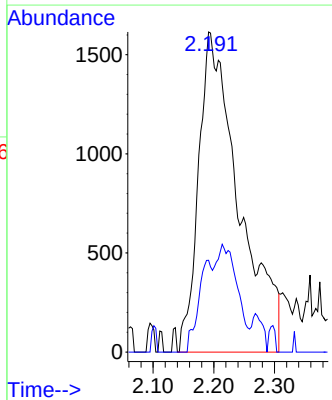
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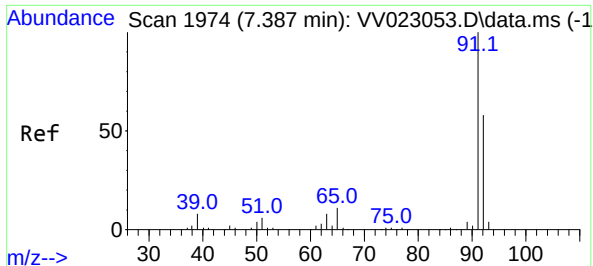


Abundance Scan 358 (2.191 min): VV023060.D\data.ms (-26)



m/z-->





#42

Toluene

Concen: 2.405 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023060.D

Acq: 27 Oct 2021 15:58

Instrument :

MSVOA_V

ClientSampleId :

BG340

Tgt Ion: 91 Resp: 8562

Ion Ratio Lower Upper

91 100

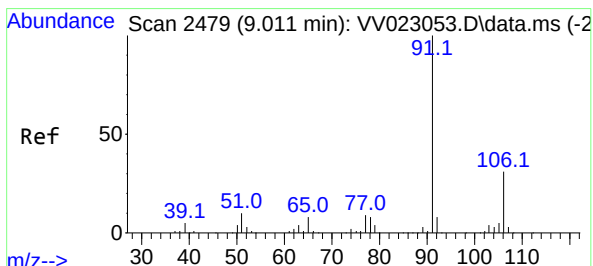
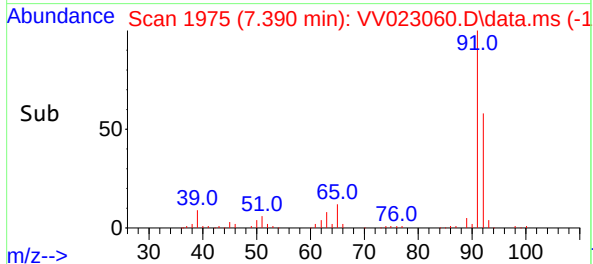
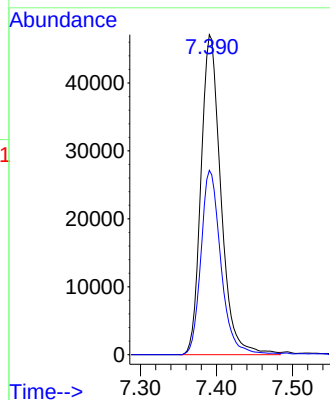
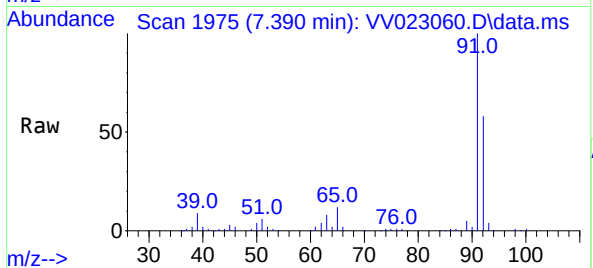
92 57.6 39.3 72.9

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#52

Ethylbenzene

Concen: 0.139 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV023060.D

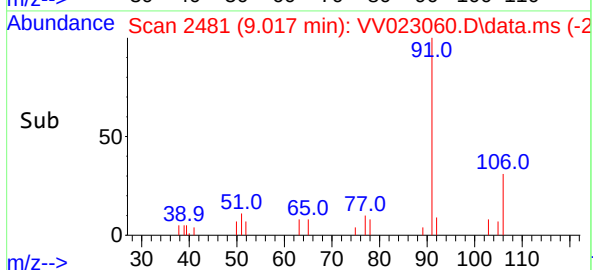
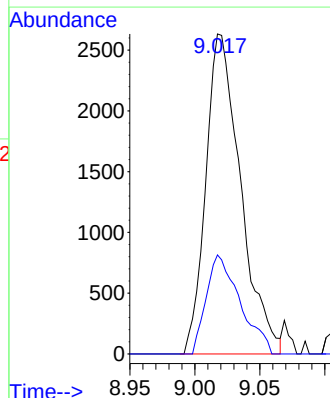
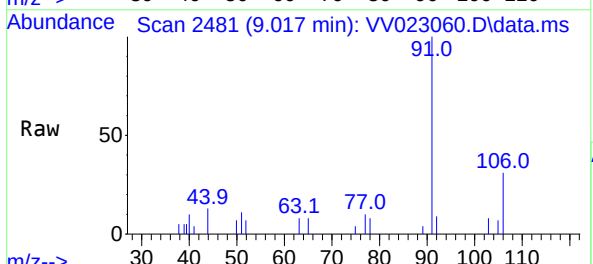
Acq: 27 Oct 2021 15:58

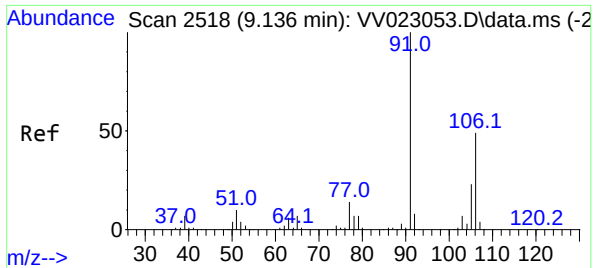
Tgt Ion: 91 Resp: 4905

Ion Ratio Lower Upper

91 100

106 31.0 22.5 41.9





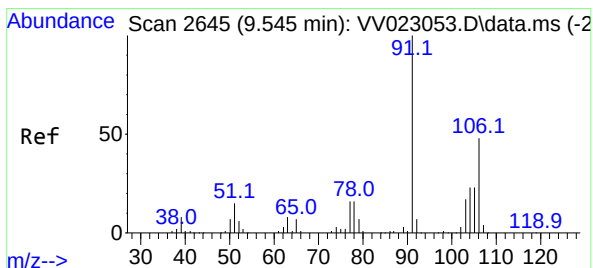
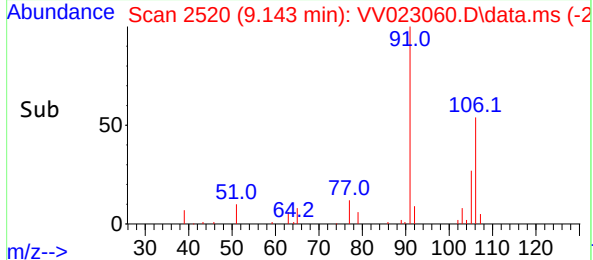
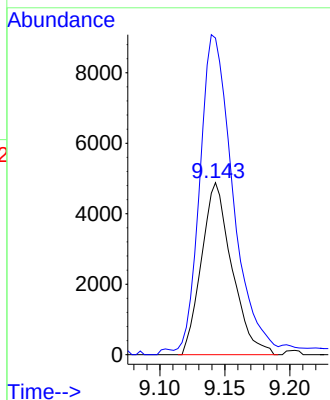
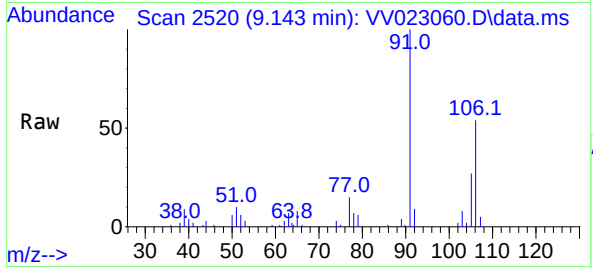
#53
m,p-xylene
Concen: 0.561 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023060.D
Acq: 27 Oct 2021 15:58

Instrument :
MSVOA_V
ClientSampleId :
BG340

Tgt Ion:106 Resp: 7952
Ion Ratio Lower Upper
106 100
91 184.1 137.2 254.8

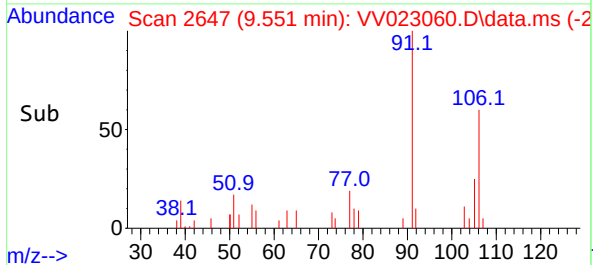
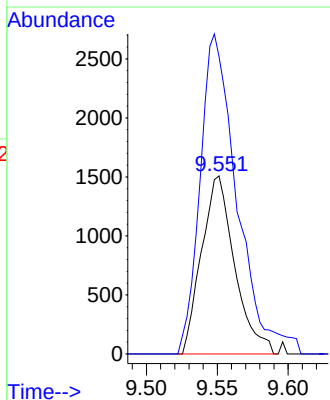
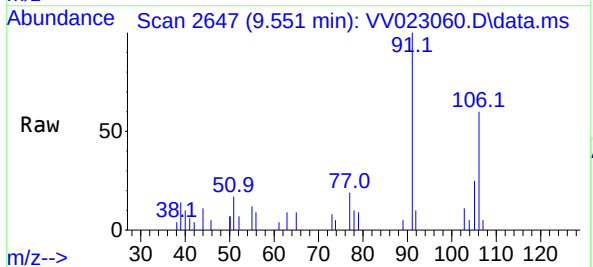
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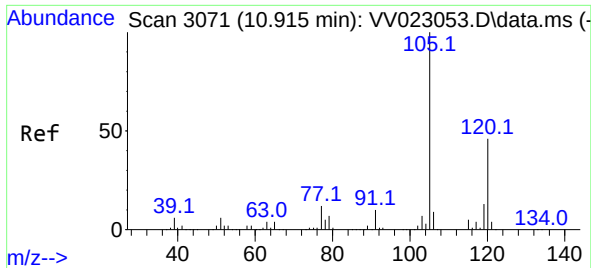
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#54
o-xylene
Concen: 0.184 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV023060.D
Acq: 27 Oct 2021 15:58

Tgt Ion:106 Resp: 2451
Ion Ratio Lower Upper
106 100
91 167.1 148.3 275.5





#63
1,2,4-Trimethylbenzene
Concen: 0.153 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV023060.D
Acq: 27 Oct 2021 15:58

Instrument :
MSVOA_V
ClientSampleId :
BG340

Tgt Ion:105 Resp: 359
Ion Ratio Lower Upper
105 100
120 39.6 37.4 56.2

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