

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022880.D
 Acq On : 18 Oct 2021 20:39
 Operator : SY/MD
 Sample : M4200-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF2

Manual Integrations
 APPROVED

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 10/19/2021 3:47:59 PM

Quant Time: Oct 19 01:46:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121726	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59063	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34631	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.568	69	34003	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.108	63	48745	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.886	46	115671	54.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.352	84	92290	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.034	65	44569	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.053	84	177539	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.072	67	59485	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.317	98	151376	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	7.625	79	17576	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.088	63	91953	64.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.20%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41407	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	66699	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#
Target Compounds					Qvalue	
13) Acetone	2.179	43	19393m	16.53	ug/L	
33) Benzene	5.108	78	19032	0.58	ug/L	100
42) Toluene	7.391	91	191019	5.74	ug/L	100
52) Ethylbenzene	9.018	91	18763	0.56	ug/L	94
53) m,p-xylene	9.140	106	25712	1.94	ug/L	99
54) o-xylene	9.548	106	6773	0.54	ug/L	85
63) 1,2,4-Trimethylbenzene	10.918	105	7665	0.32	ug/L	99

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

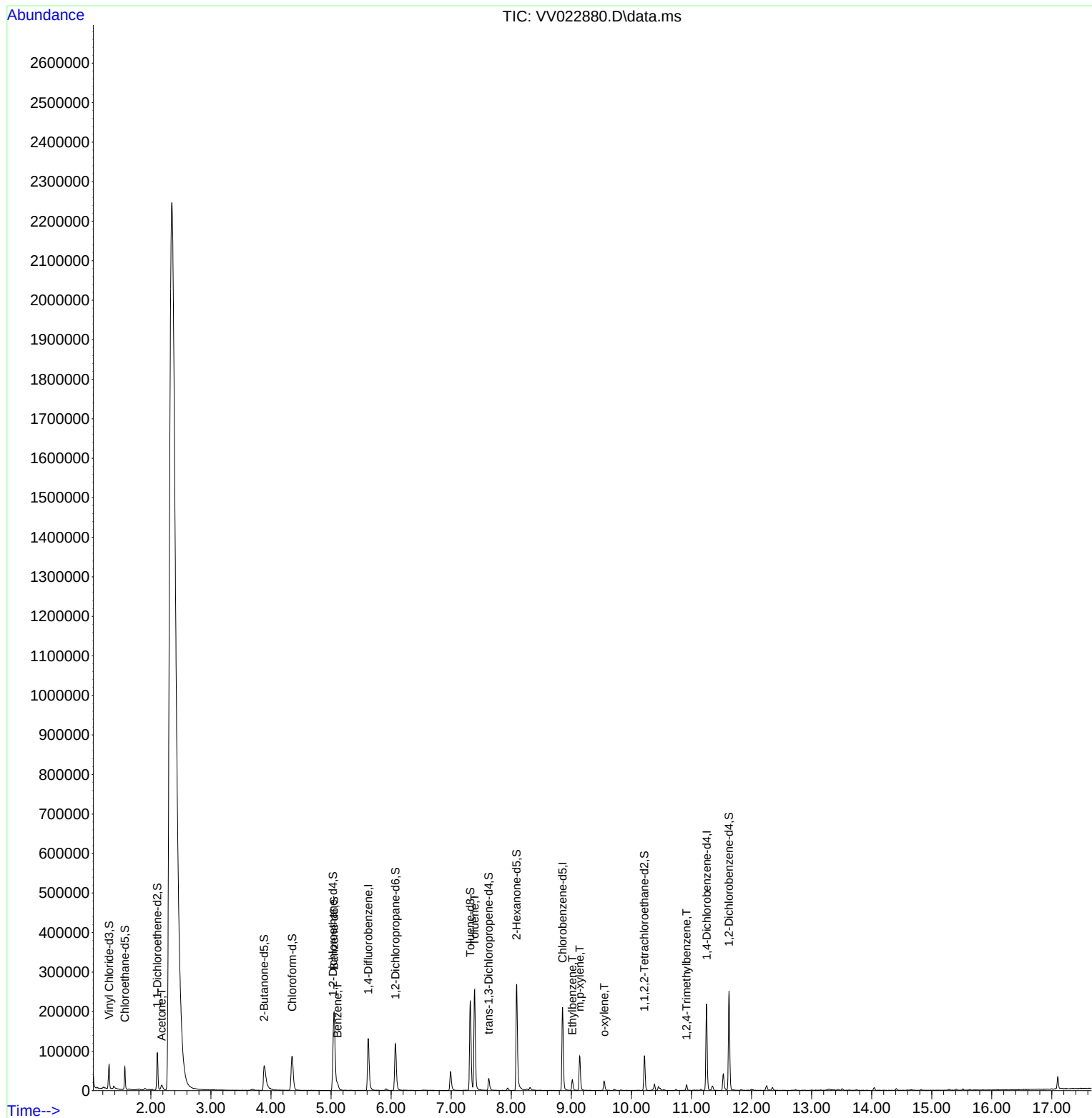
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022880.D
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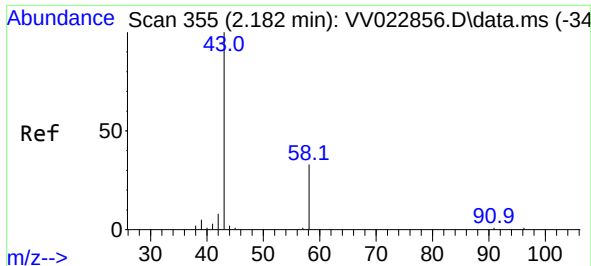
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





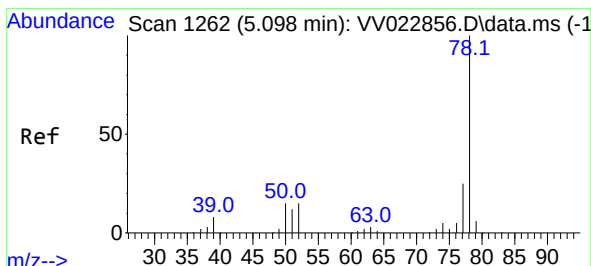
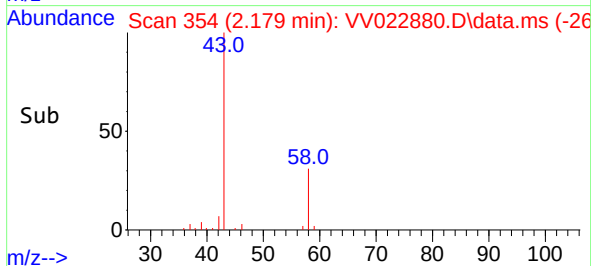
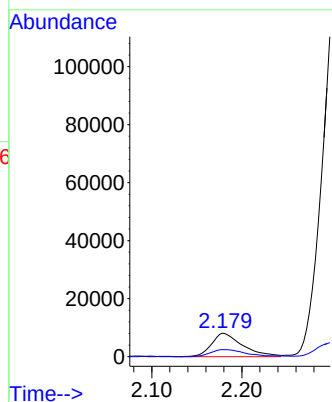
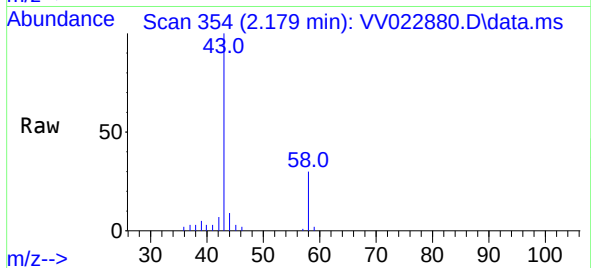
#13
Acetone
Concen: 16.53 ug/L m
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 43 Resp: 19393
Ion Ratio Lower Upper
43 100
58 168.8 0.0 24.2#

Instrument :
MSVOA_V
ClientSampled :
BFGF2

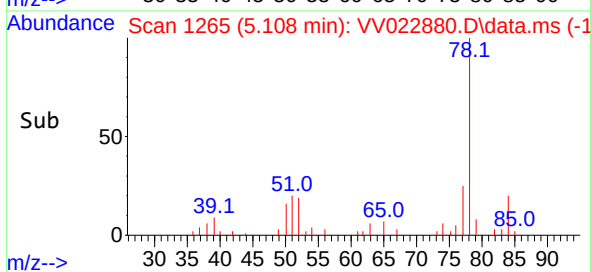
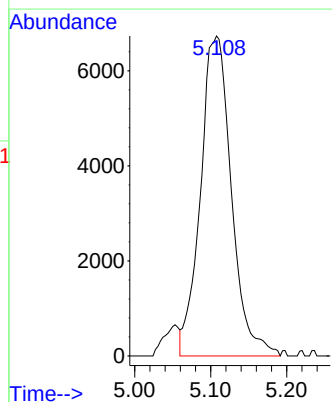
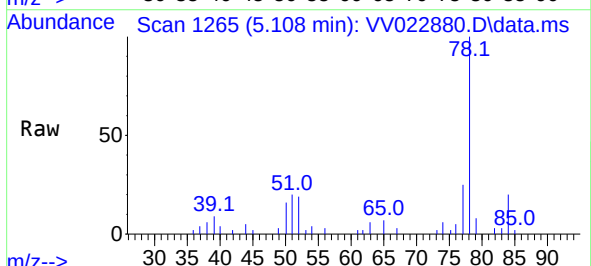
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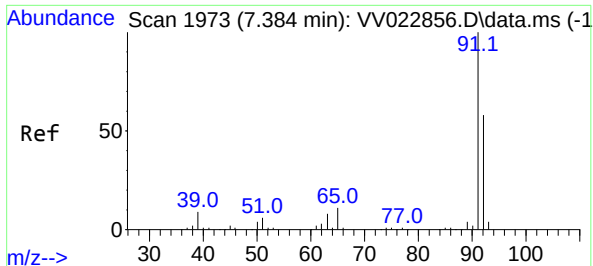
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#33
Benzene
Concen: 0.58 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 78 Resp: 19032





#42

Toluene

Concen: 5.74 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.007 min

Lab File: VV022880.D

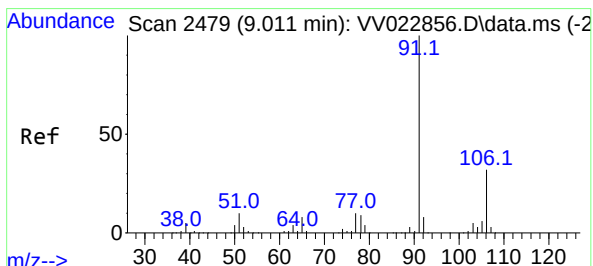
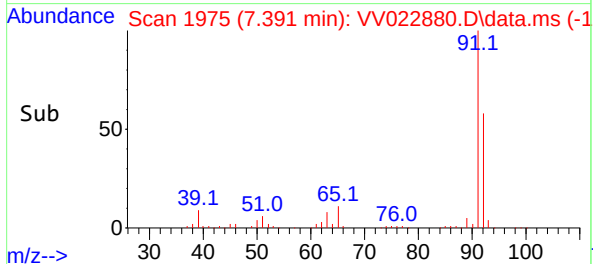
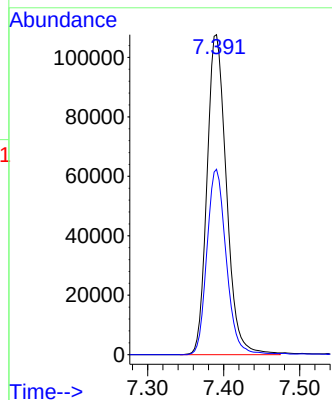
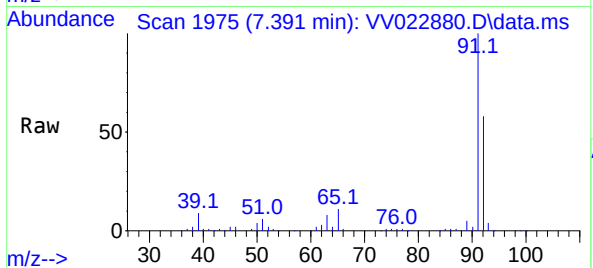
Acq: 18 Oct 2021 20:39

Tgt Ion: 91 Resp: 191019

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.7



#52

Ethylbenzene

Concen: 0.56 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.007 min

Lab File: VV022880.D

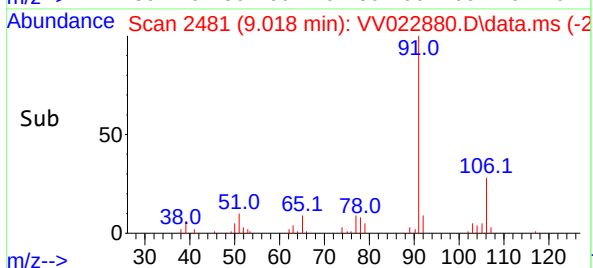
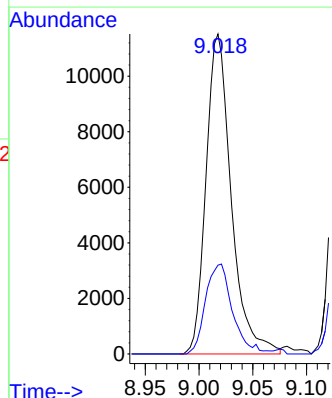
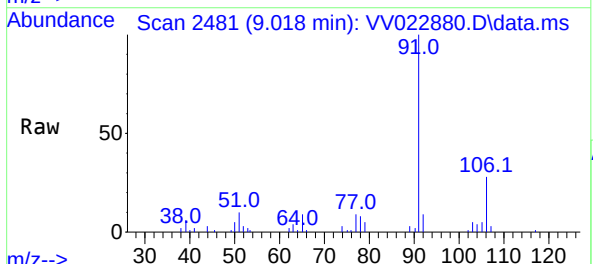
Acq: 18 Oct 2021 20:39

Tgt Ion: 91 Resp: 18763

Ion Ratio Lower Upper

91 100

106 27.8 21.6 40.2



Instrument :

MSVOA_V

ClientSampled :

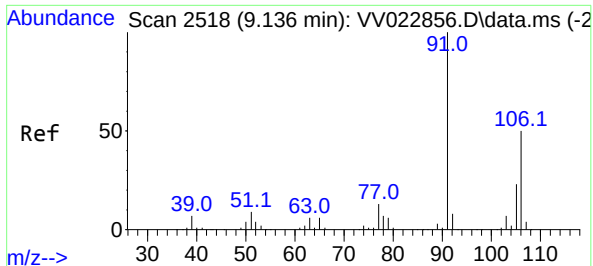
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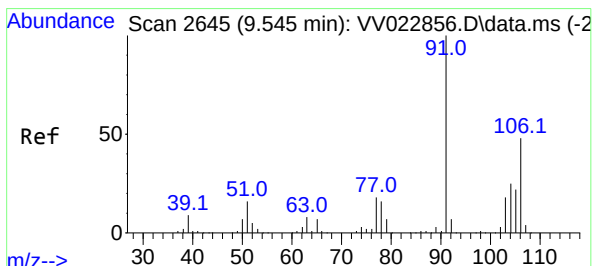
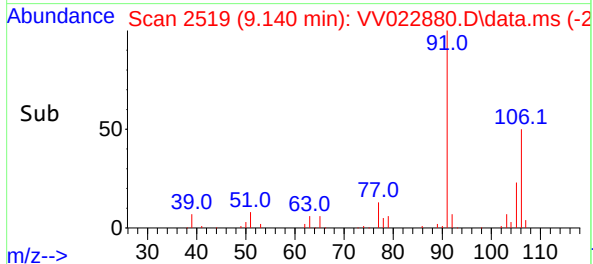
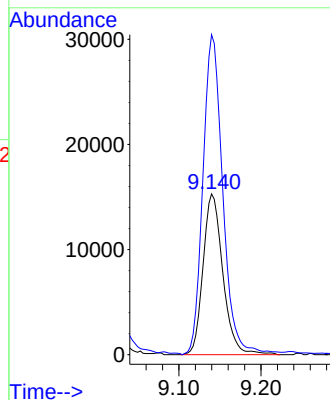
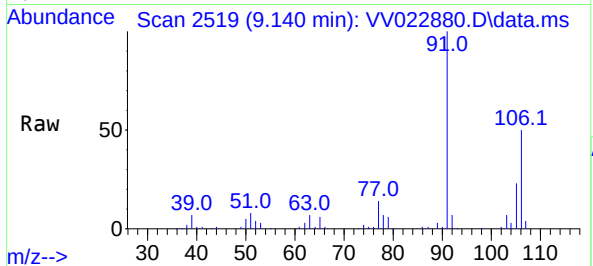
#53
m,p-xylene
Concen: 1.94 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion:106 Resp: 25712
Ion Ratio Lower Upper
106 100
91 198.9 138.7 257.5

Instrument :
MSVOA_V
ClientSampled :
BFGF2

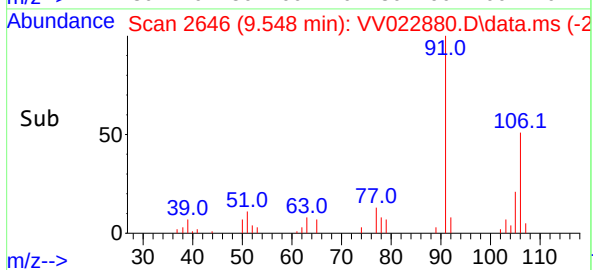
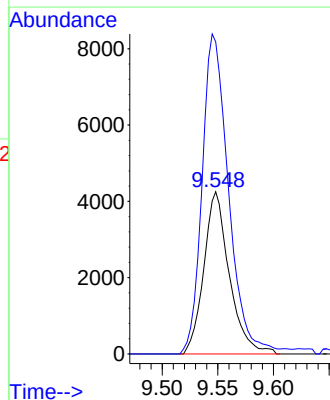
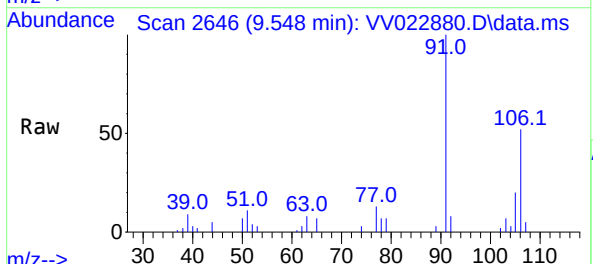
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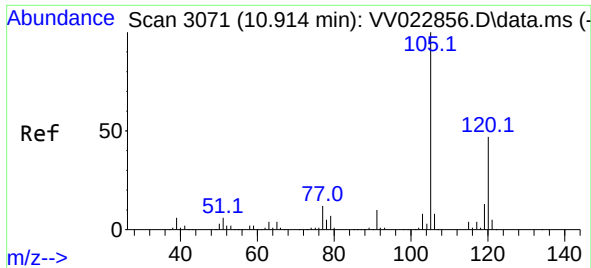
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#54
o-xylene
Concen: 0.54 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion:106 Resp: 6773
Ion Ratio Lower Upper
106 100
91 192.3 151.1 280.7





#63
 1,2,4-Trimethylbenzene
 Concen: 0.32 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV022880.D
 Acq: 18 Oct 2021 20:39

Tgt Ion:	105	Resp:	7665
Ion Ratio	Lower	Upper	
105	100		
120	46.1	37.3	55.9

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF2

Manual Integrations
 APPROVED

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