

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023296.D
 Acq On : 09 Nov 2021 12:00
 Operator : SY/MD
 Sample : M4445-23
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3A6

Quant Time: Nov 10 00:41:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 10 00:38:37 2021
 Response via : Initial Calibration

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

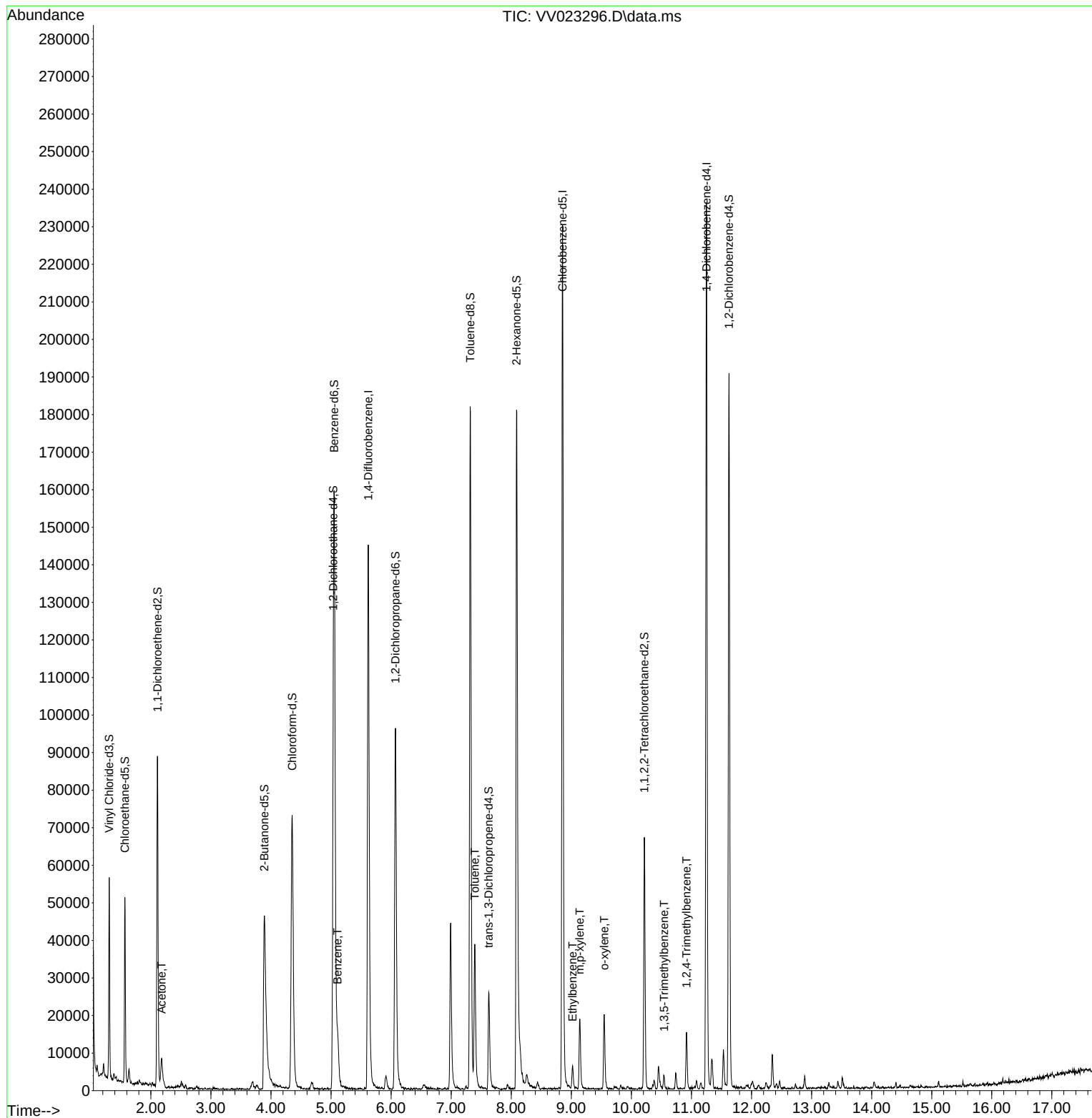
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128966	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31411	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.568	69	28941	4.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.111	63	44916	2.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.889	46	84885	60.985	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.960%
24) Chloroform-d	4.352	84	76758	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.037	65	36585	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.053	84	146288	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.072	67	46721	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.316	98	121325	3.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.625	79	15667	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	60183	44.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30773	4.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	50498	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
13) Acetone	2.178	43	11170	13.134	ug/L	93
33) Benzene	5.108	78	15499	0.428	ug/L	100
42) Toluene	7.394	91	28378	0.733	ug/L	99
52) Ethylbenzene	9.021	91	4807	0.118	ug/L	89
53) m,p-xylene	9.140	106	5474	0.342	ug/L	91
54) o-xylene	9.548	106	5254	0.350	ug/L	90
62) 1,3,5-Trimethylbenzene	10.545	105	2160	0.073	ug/L	90
63) 1,2,4-Trimethylbenzene	10.918	105	8732	0.296	ug/L	95

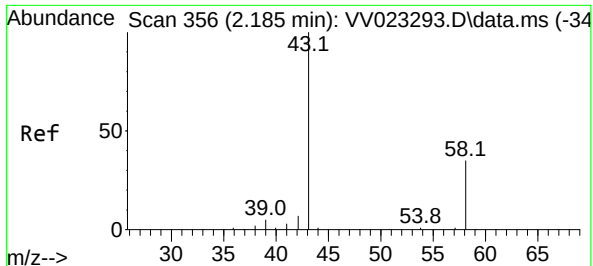
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 10 00:38:37 2021
Response via : Initial Calibration





#13

Acetone

Concen: 13.134 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV023296.D

Acq: 09 Nov 2021 12:00

Instrument :

MSVOA_V

ClientSampleId :

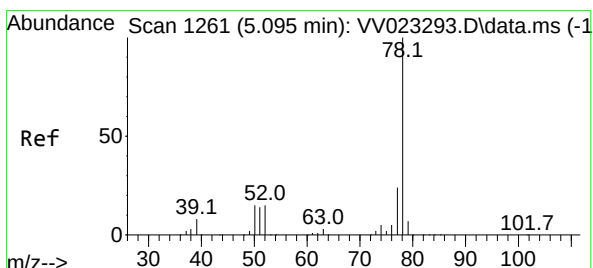
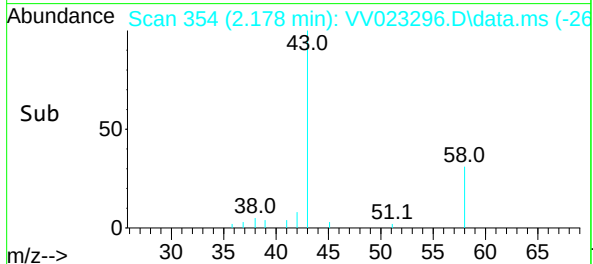
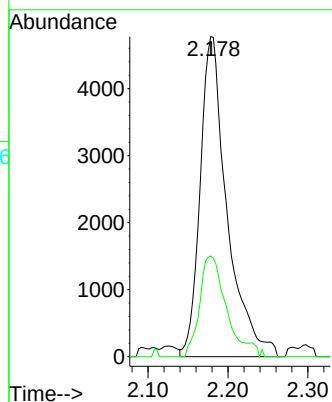
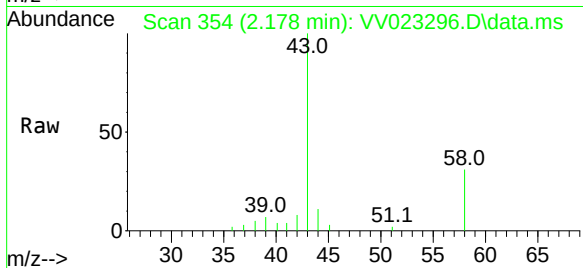
BG3A6

Tgt Ion: 43 Resp: 11170

Ion Ratio Lower Upper

43 100

58 31.6 0.0 55.4



#33

Benzene

Concen: 0.428 ug/L

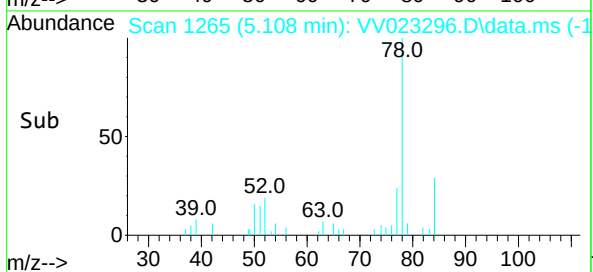
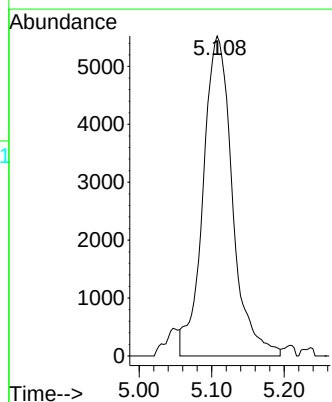
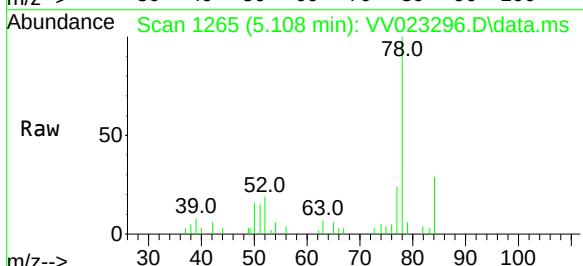
RT: 5.108 min Scan# 1265

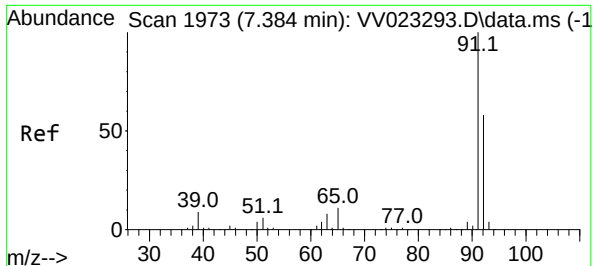
Delta R.T. 0.013 min

Lab File: VV023296.D

Acq: 09 Nov 2021 12:00

Tgt Ion: 78 Resp: 15499





#42

Toluene

Concen: 0.733 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.009 min

Lab File: VV023296.D

Acq: 09 Nov 2021 12:00

Instrument :

MSVOA_V

ClientSampleId :

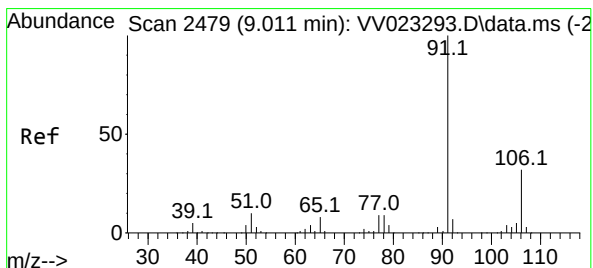
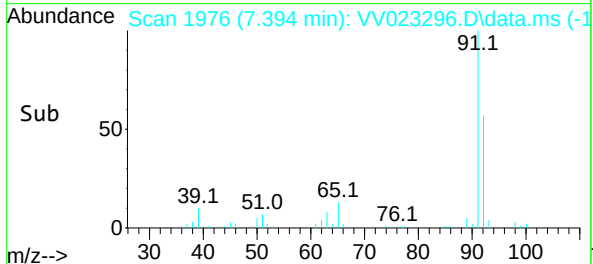
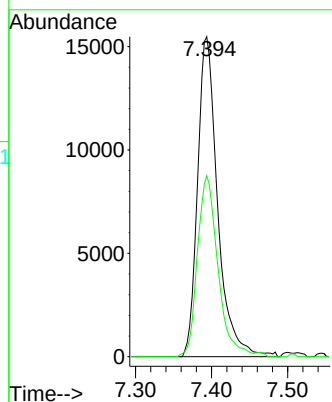
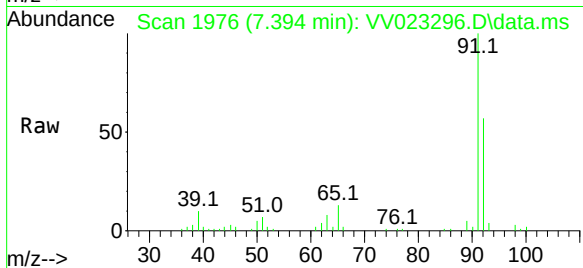
BG3A6

Tgt Ion: 91 Resp: 28378

Ion Ratio Lower Upper

91 100

92 56.6 39.3 72.9



#52

Ethylbenzene

Concen: 0.118 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.009 min

Lab File: VV023296.D

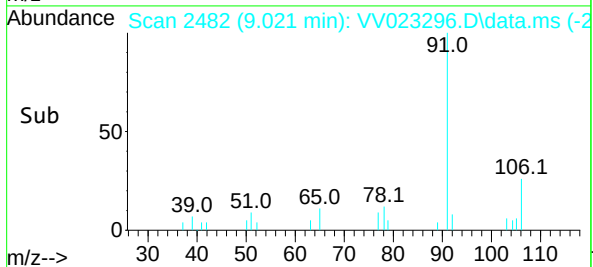
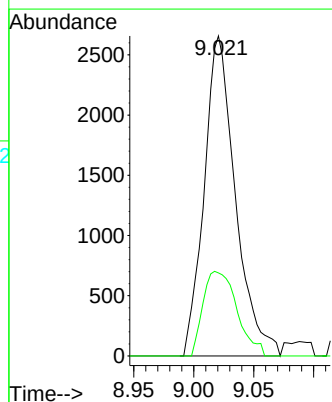
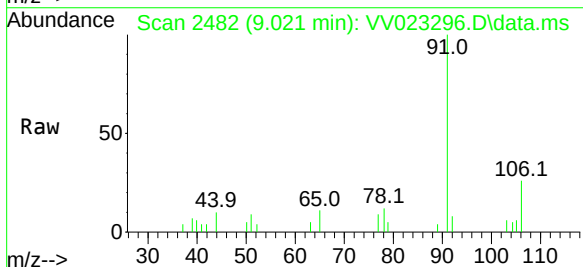
Acq: 09 Nov 2021 12:00

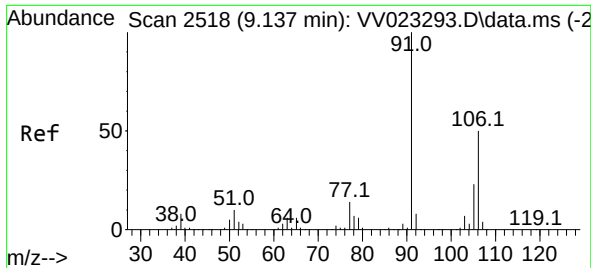
Tgt Ion: 91 Resp: 4807

Ion Ratio Lower Upper

91 100

106 25.9 22.5 41.9

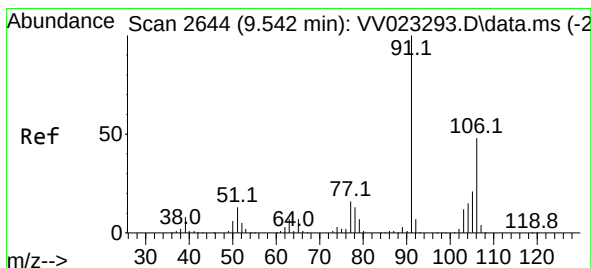
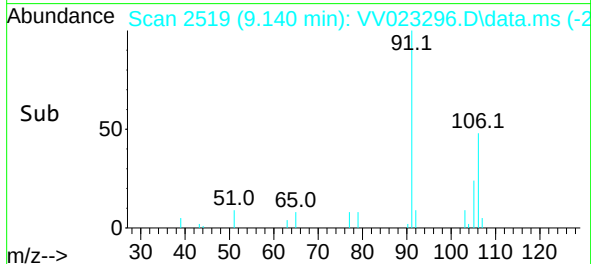
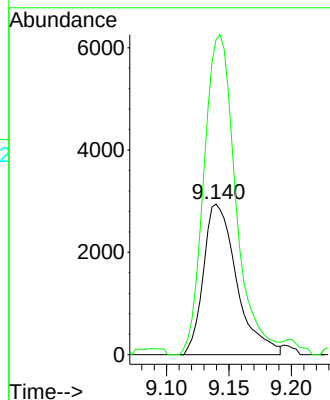
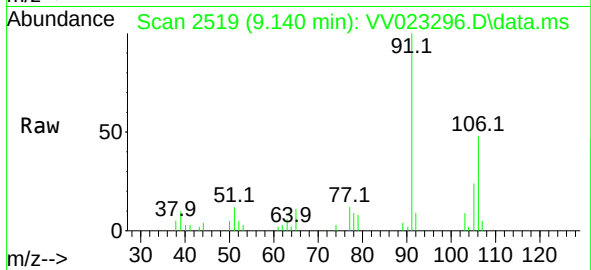




#53
m,p-xylene
Concen: 0.342 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023296.D
Acq: 09 Nov 2021 12:00

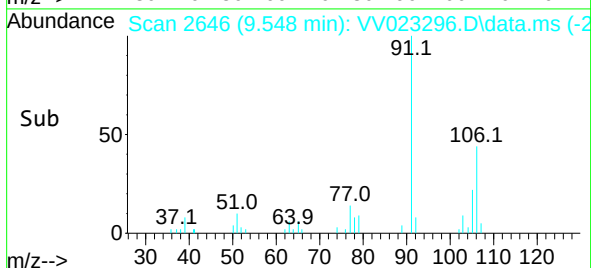
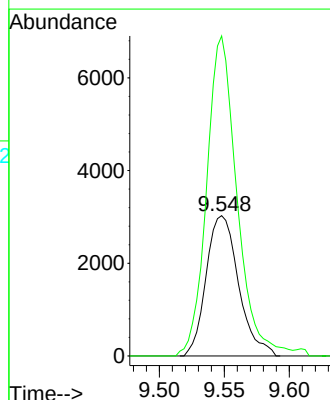
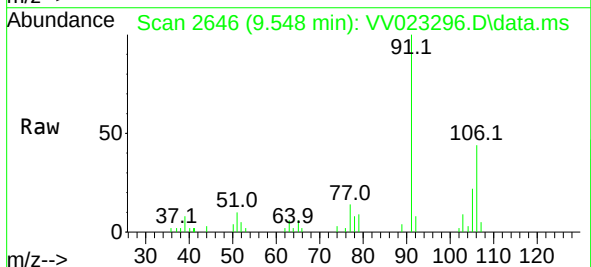
Instrument :
MSVOA_V
ClientSampleId :
BG3A6

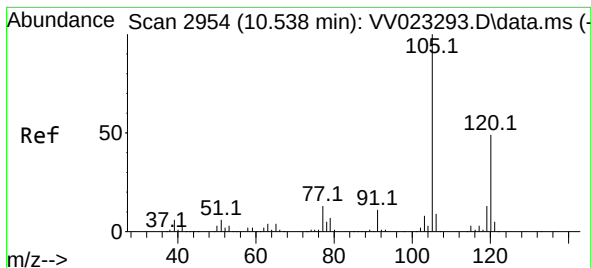
Tgt Ion:106 Resp: 5474
Ion Ratio Lower Upper
106 100
91 209.3 137.2 254.8



#54
o-xylene
Concen: 0.350 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV023296.D
Acq: 09 Nov 2021 12:00

Tgt Ion:106 Resp: 5254
Ion Ratio Lower Upper
106 100
91 228.2 148.3 275.5





#62

1,3,5-Trimethylbenzene

Concen: 0.073 ug/L

RT: 10.545 min Scan# 2954

Delta R.T. 0.006 min

Lab File: VV023296.D

Acq: 09 Nov 2021 12:00

Instrument :

MSVOA_V

ClientSampleId :

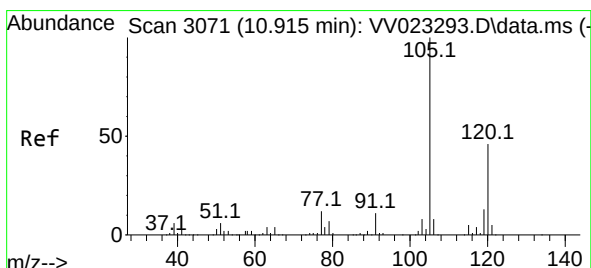
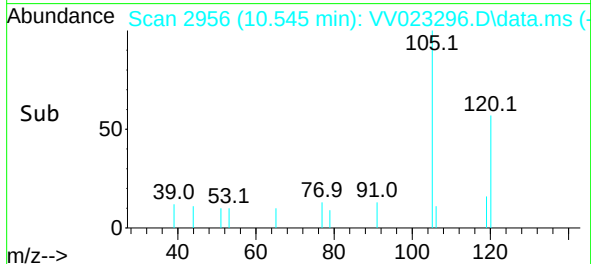
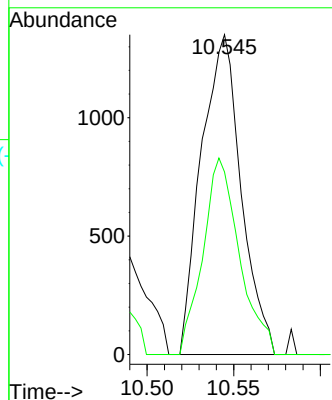
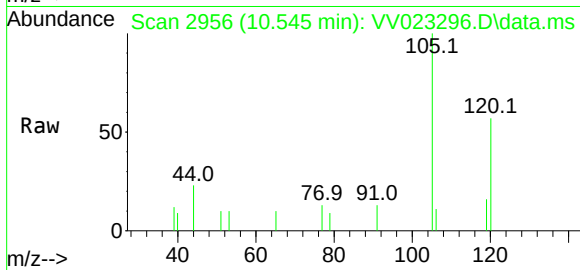
BG3A6

Tgt Ion:105 Resp: 2160

Ion Ratio Lower Upper

105 100

120 56.4 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.296 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023296.D

Acq: 09 Nov 2021 12:00

Tgt Ion:105 Resp: 8732

Ion Ratio Lower Upper

105 100

120 43.7 37.4 56.2

