Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023033.D
Acq On : 26 Oct 2021 12:53
Operator : SY/MD
Sample : M4278-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGF4

Quant Time: Oct 27 01:32:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108385	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	110364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51844	5.474	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.400%			
7) Chloroethane-d5	1.568	69	29949	5.112	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.200%			
11) 1,1-Dichloroethene-d2	2.108	63	47041	3.443	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.800%			
20) 2-Butanone-d5	3.889	46	66793	43.964	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.920%			
24) Chloroform-d	4.352	84	69492	4.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
26) 1,2-Dichloroethane-d4	5.034	65	35595	4.904	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.053	84	139414	4.327	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
36) 1,2-Dichloropropane-d6	6.072	67	39402	3.972	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.400%			
41) Toluene-d8	7.317	98	126680	4.377	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	7.625	79	15977	4.597	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.092	63	52453	40.766	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.540%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27869	4.069	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	55827	5.498	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.000%			
Target Compounds						Qvalue
13) Acetone	2.179	43	11032	14.800	ug/L	98
33) Benzene	5.105	78	21288	0.717	ug/L	100
42) Toluene	7.391	91	207711	6.901	ug/L	100
52) Ethylbenzene	9.014	91	24586	0.823	ug/L	97
53) m,p-xylene	9.140	106	36013	3.006	ug/L	99
54) o-xylene	9.548	106	12858	1.140	ug/L	87
62) 1,3,5-Trimethylbenzene	10.545	105	3423	0.148	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	16751	0.726	ug/L	99

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

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Quant Title : TRACE VOA SFAM1.0
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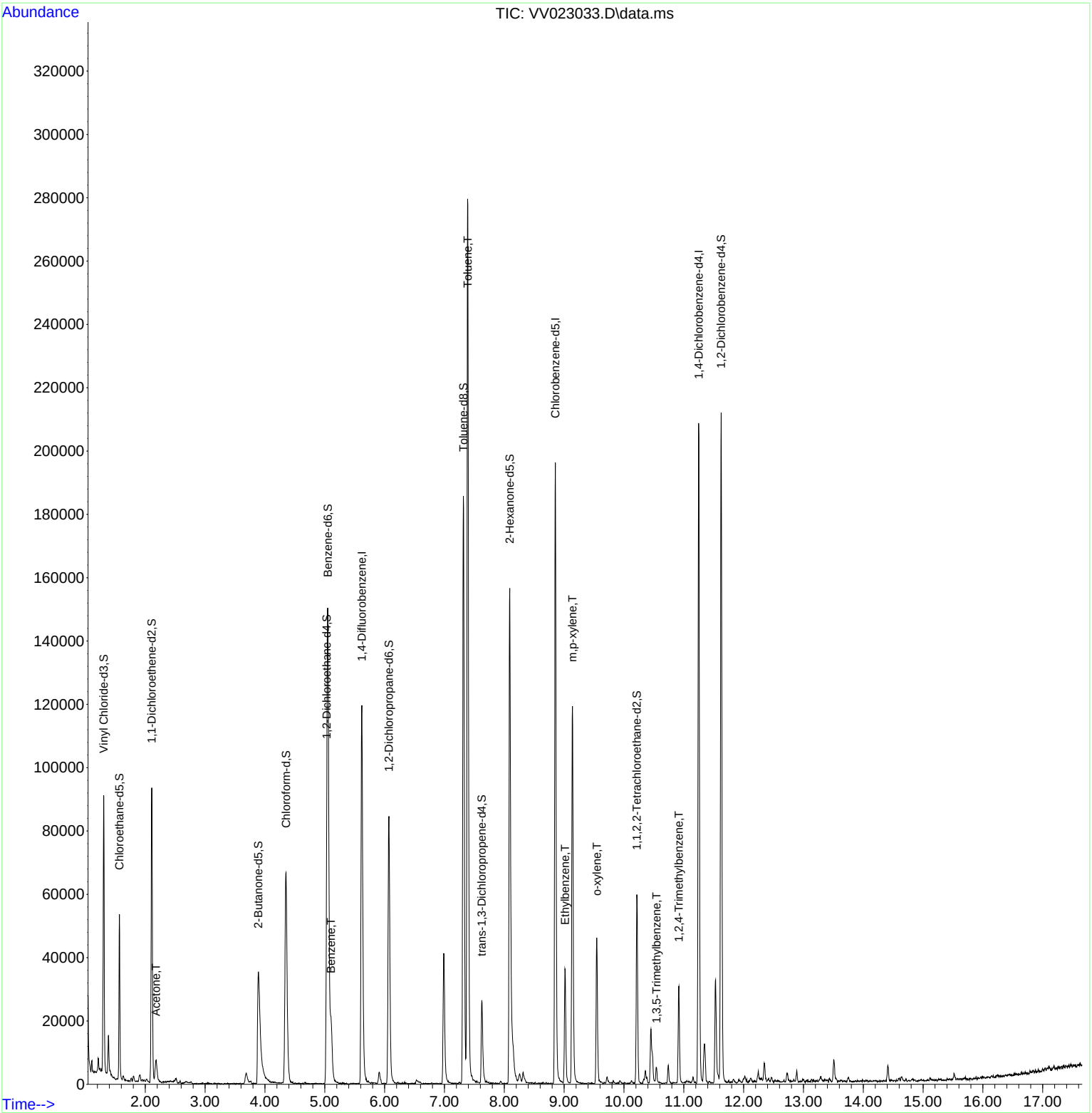
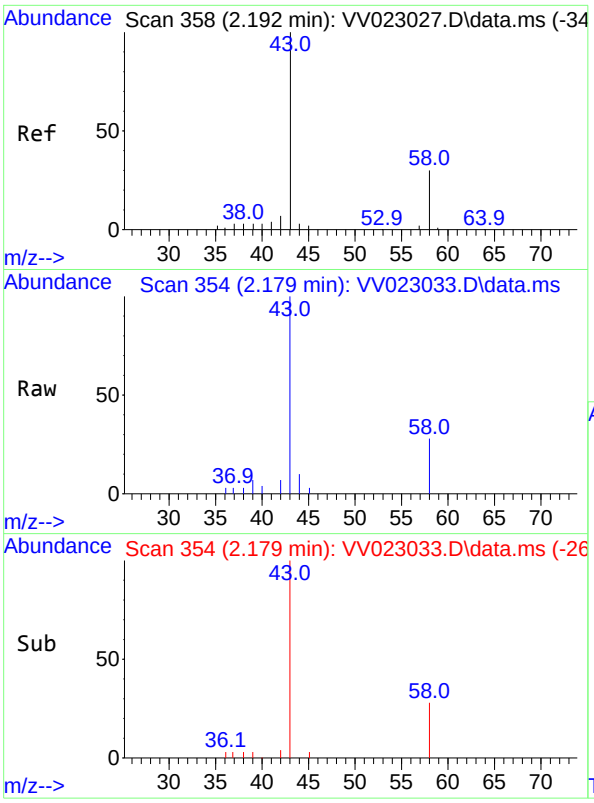


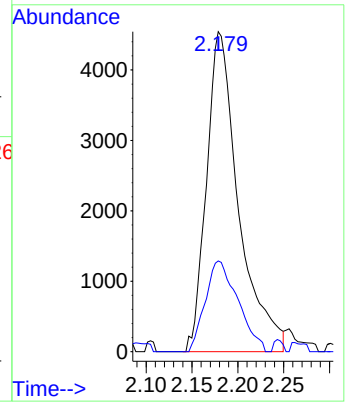


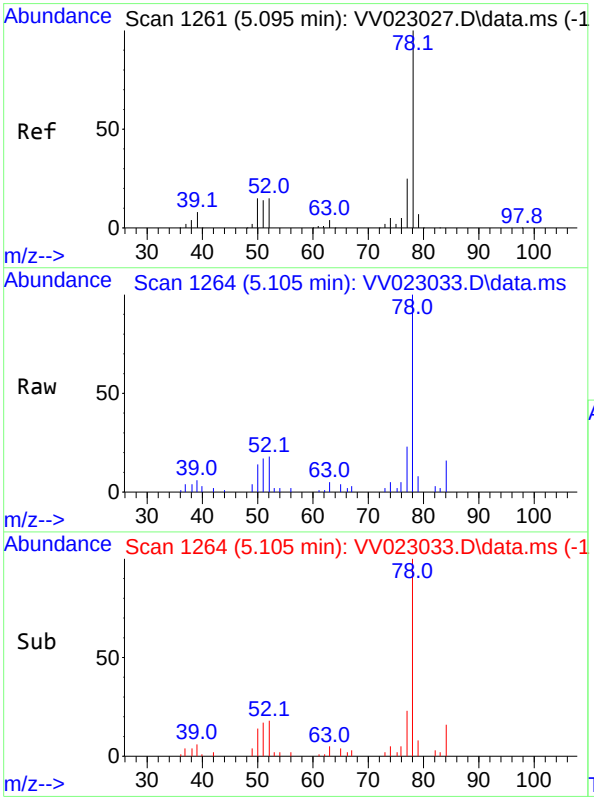
#13
Acetone
Concen: 14.800 ug/L
RT: 2.179 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Instrument :
MSVOA_V
ClientSampleId :
BFGF4

Tgt Ion: 43 Resp: 11032

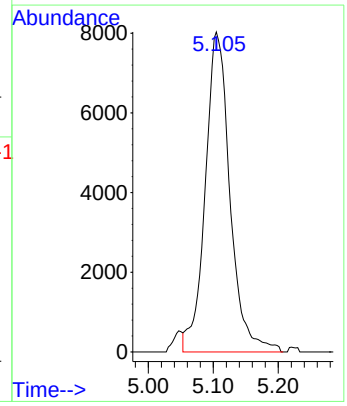
Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	55.4

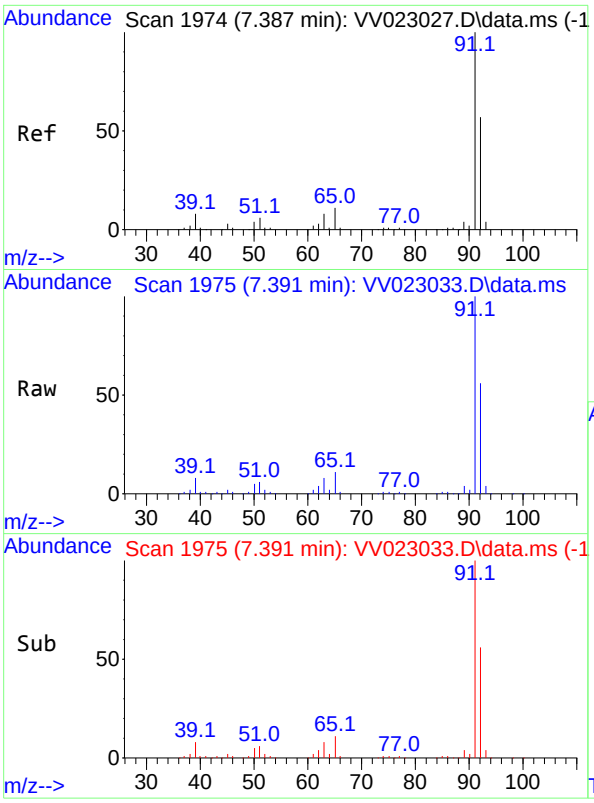




#33
Benzene
Concen: 0.717 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Tgt Ion: 78 Resp: 21288



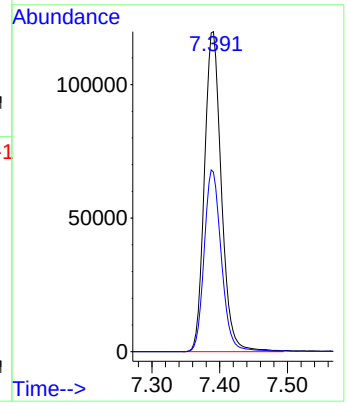


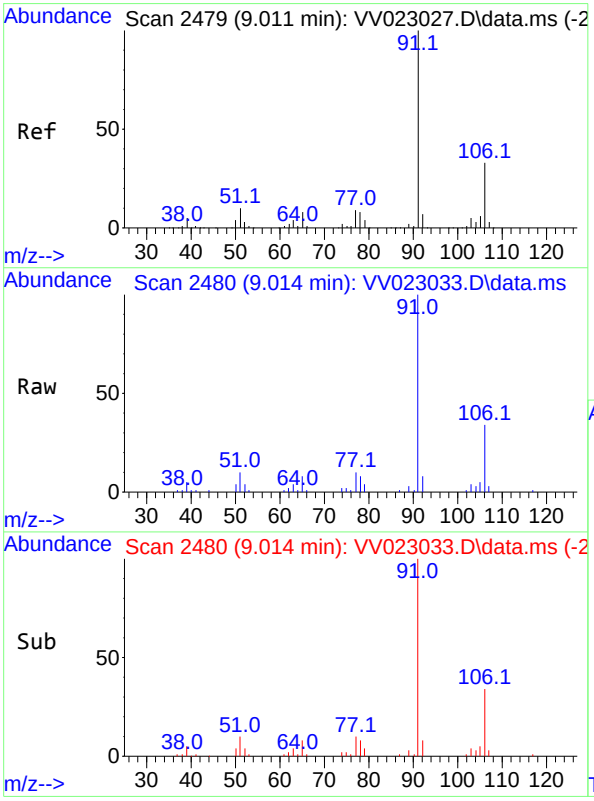
#42
Toluene
Concen: 6.901 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Instrument :
MSVOA_V
ClientSampleId :
BFGF4

Tgt Ion: 91 Resp: 207711

Ion	Ratio	Lower	Upper
91	100		
92	56.1	39.3	72.9

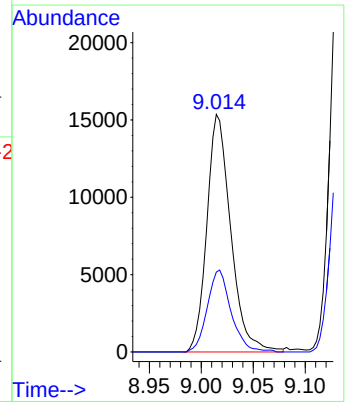


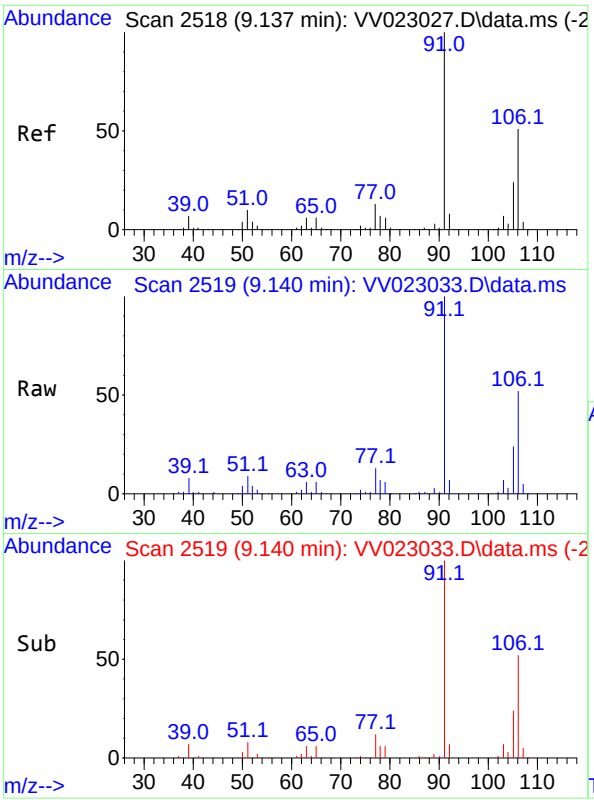


#52
Ethylbenzene
Concen: 0.823 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Tgt Ion: 91 Resp: 24586

Ion	Ratio	Lower	Upper
91	100		
106	33.6	22.5	41.9



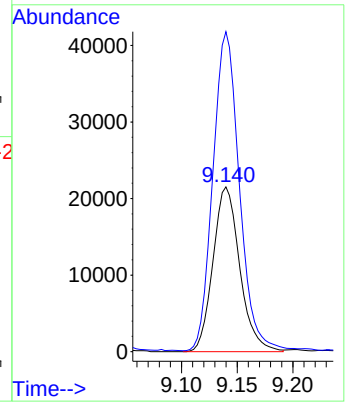


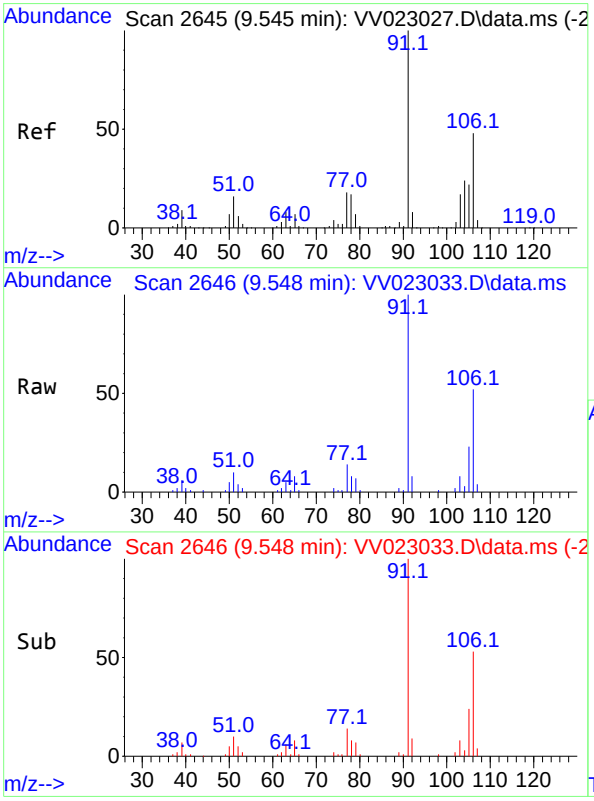
#53
m,p-xylene
Concen: 3.006 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Instrument :
MSVOA_V
ClientSampleId :
BFGF4

Tgt Ion:106 Resp: 36013

Ion	Ratio	Lower	Upper
106	100		
91	194.2	137.2	254.8

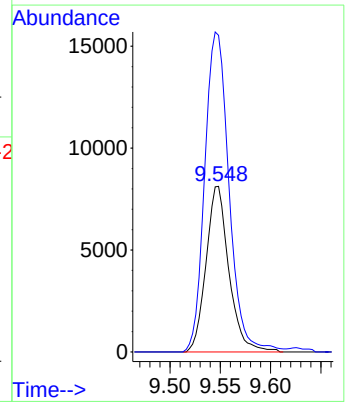


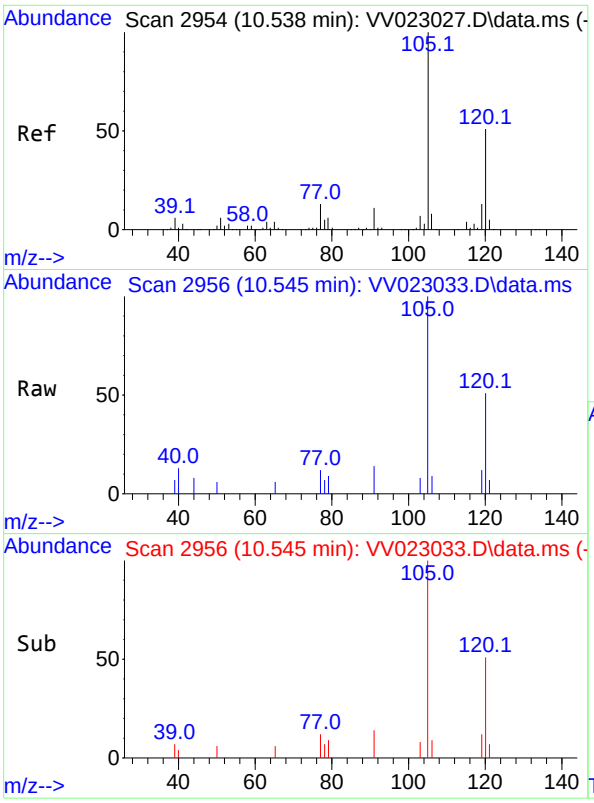


#54
o-xylene
Concen: 1.140 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Tgt Ion:106 Resp: 12858

Ion	Ratio	Lower	Upper
106	100		
91	191.2	148.3	275.5



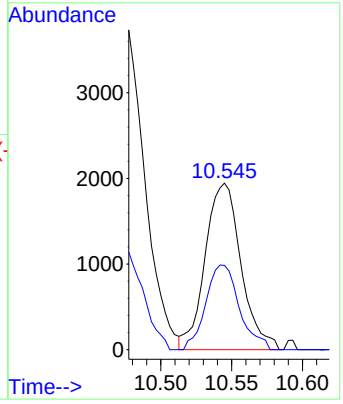


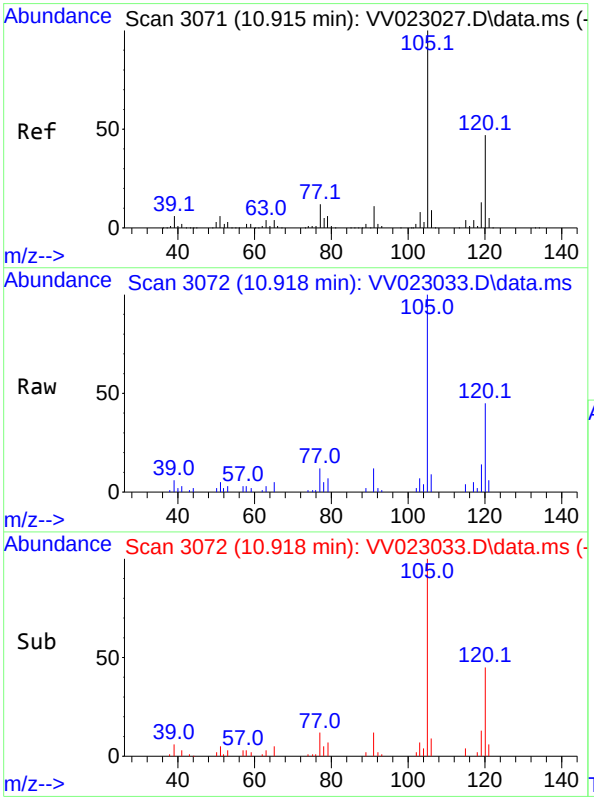
#62
1,3,5-Trimethylbenzene
Concen: 0.148 ug/L
RT: 10.545 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Instrument :
MSVOA_V
ClientSampleId :
BFGF4

Tgt Ion:105 Resp: 3423

Ion	Ratio	Lower	Upper
105	100		
120	47.6	39.7	59.5





#63
1,2,4-Trimethylbenzene
Concen: 0.726 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023033.D
Acq: 26 Oct 2021 12:53

Tgt Ion:105 Resp: 16751

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.4	56.2