Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023031.D
Acq On : 26 Oct 2021 12:05
Operator : SY/MD
Sample : M4278-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGF3

Quant Time: Oct 27 01:31:42 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	5.622	114	135415	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	62345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52415	4.430	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.568	69	32478	4.437	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.800%			
11) 1,1-Dichloroethene-d2	2.108	63	54464	3.191	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.800%			
20) 2-Butanone-d5	3.889	46	106209	55.954	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.900%			
24) Chloroform-d	4.352	84	95673	4.973	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.400%			
26) 1,2-Dichloroethane-d4	5.037	65	44718	4.931	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.053	84	196094	4.932	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
36) 1,2-Dichloropropane-d6	6.072	67	60467	4.941	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.320	98	165130	4.624	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	7.625	79	19955	4.654	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.000%			
46) 2-Hexanone-d5	8.091	63	71616	45.109	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.220%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37682	4.459	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	64088	5.761	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.200%			
Target Compounds						Qvalue
13) Acetone	2.179	43	16117	17.306	ug/L	91
33) Benzene	5.104	78	23269	0.635	ug/L	100
42) Toluene	7.391	91	225379	6.069	ug/L	97
52) Ethylbenzene	9.018	91	25046	0.679	ug/L	95
53) m,p-xylene	9.140	106	33719	2.281	ug/L	98
54) o-xylene	9.548	106	11848	0.851	ug/L	88
62) 1,3,5-Trimethylbenzene	10.538	105	2711	0.107	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	13074	0.517	ug/L	94

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

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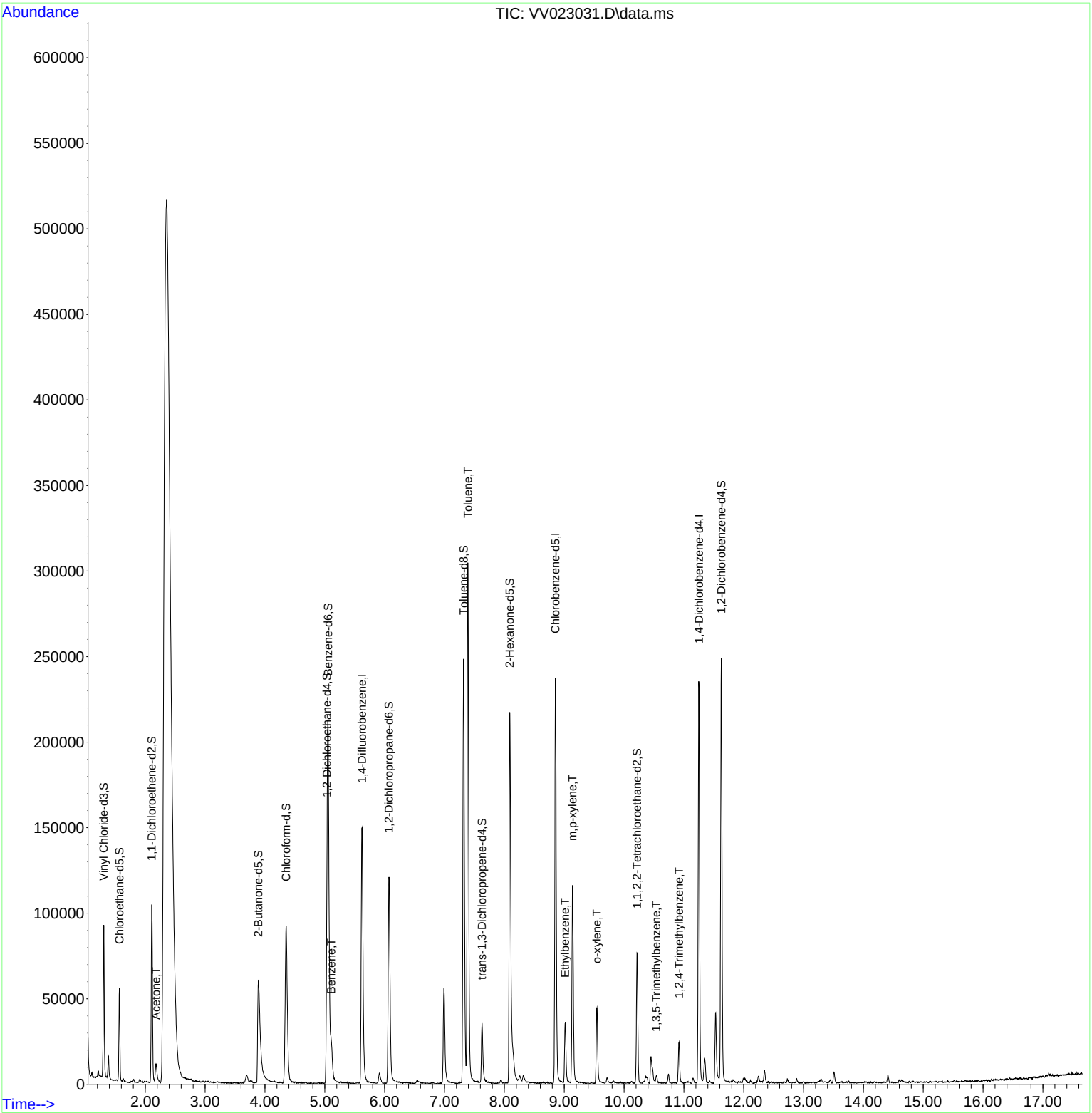
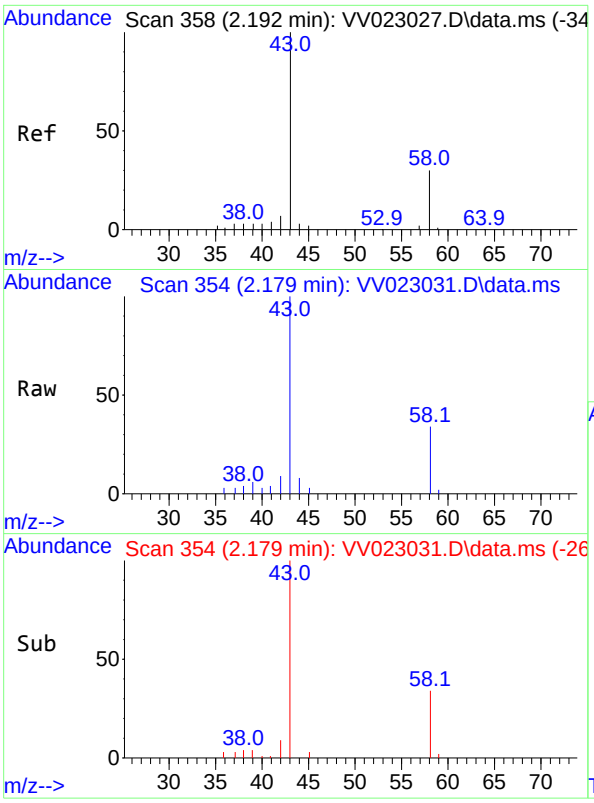
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration



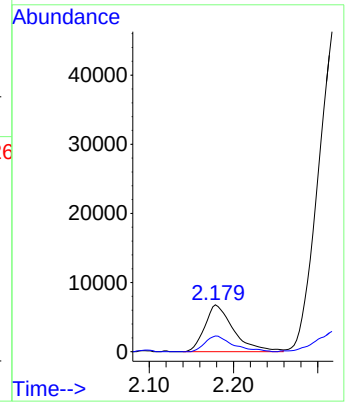


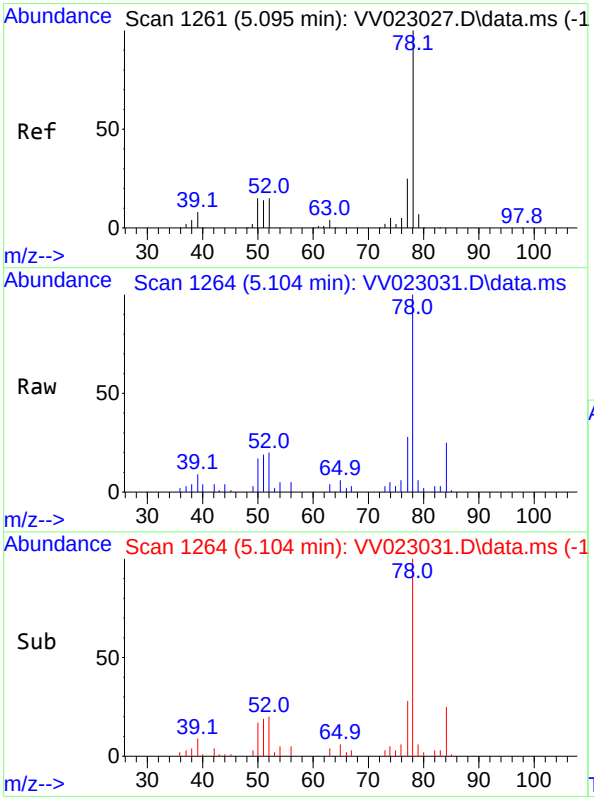
#13
Acetone
Concen: 17.306 ug/L
RT: 2.179 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Instrument :
MSVOA_V
ClientSampleId :
BFGF3

Tgt Ion: 43 Resp: 16117

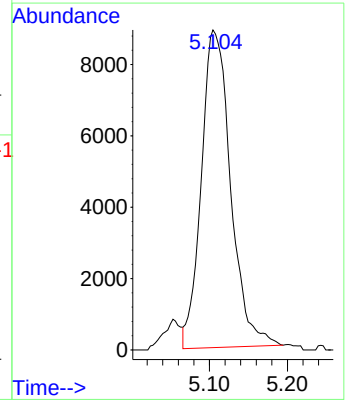
Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	55.4

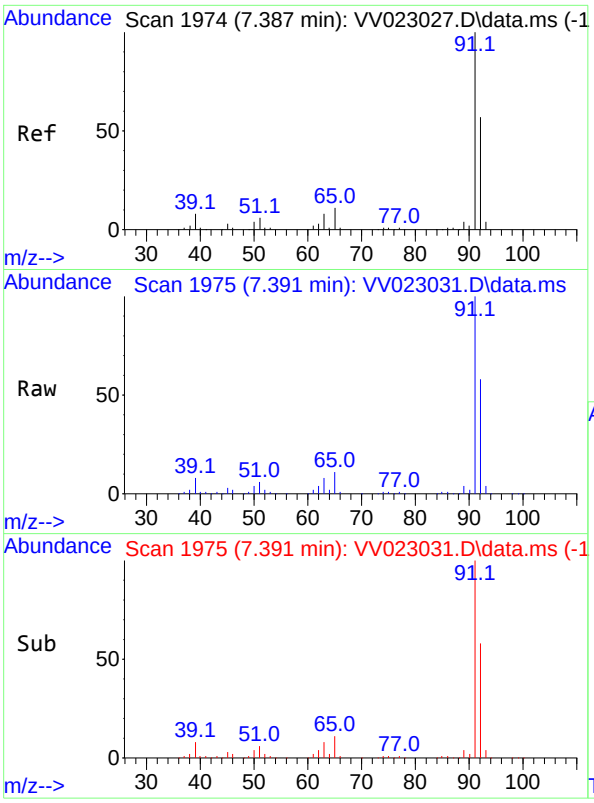




#33
Benzene
Concen: 0.635 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion: 78 Resp: 23269



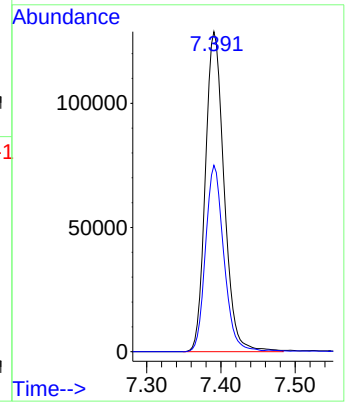


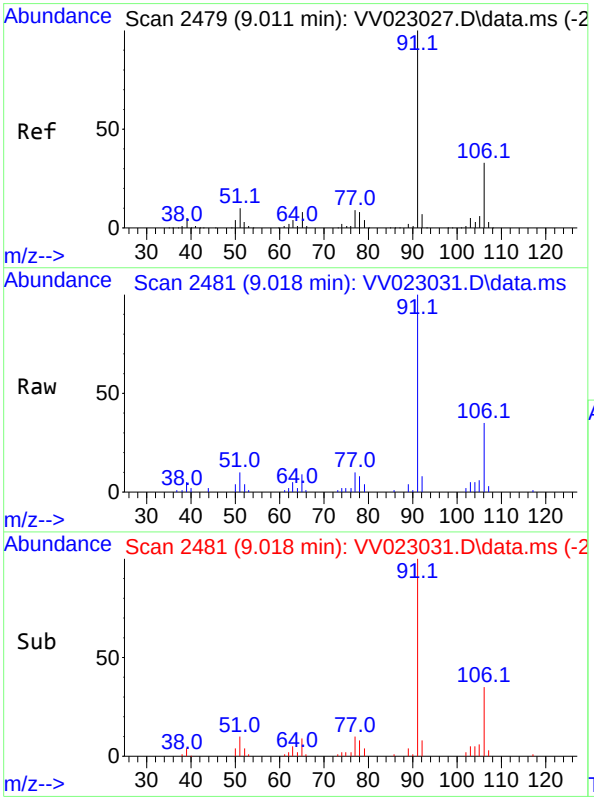
#42
Toluene
Concen: 6.069 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Instrument :
MSVOA_V
ClientSampleId :
BFGF3

Tgt Ion: 91 Resp: 225379

Ion	Ratio	Lower	Upper
91	100		
92	58.3	39.3	72.9

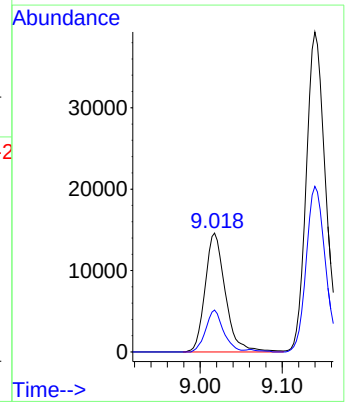


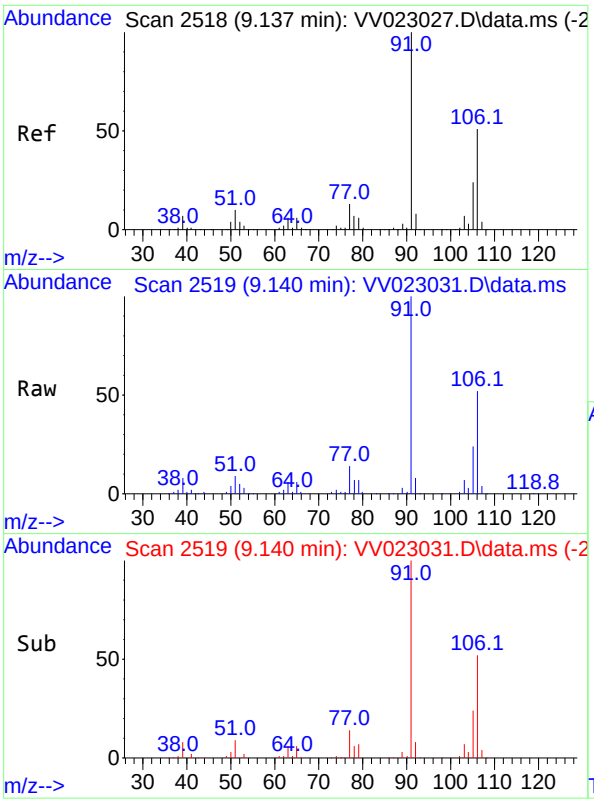


#52
Ethylbenzene
Concen: 0.679 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion: 91 Resp: 25046

Ion	Ratio	Lower	Upper
91	100		
106	35.2	22.5	41.9



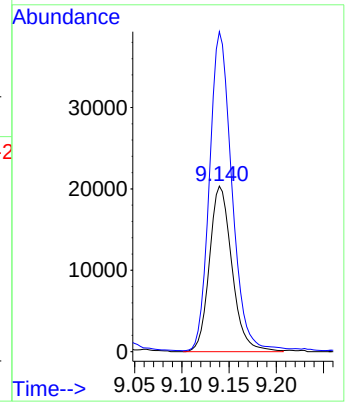


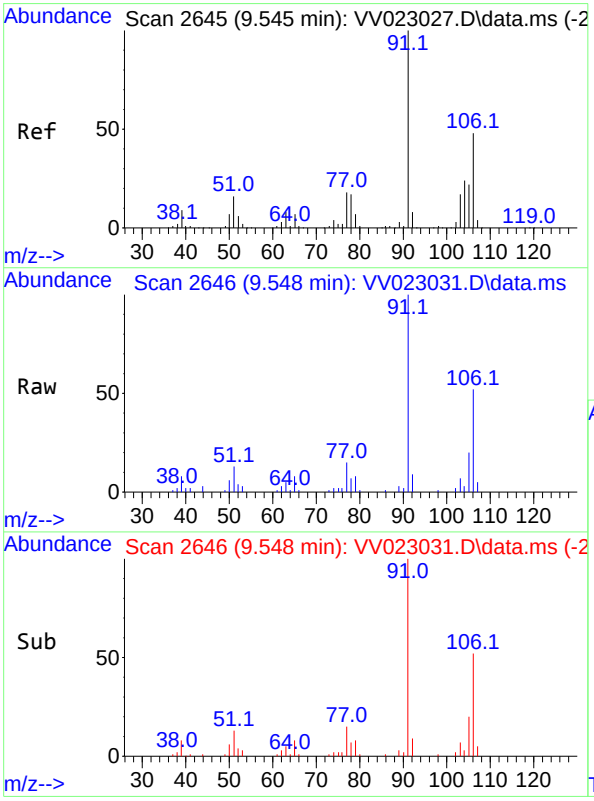
#53
m,p-xylene
Concen: 2.281 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Instrument :
MSVOA_V
ClientSampleId :
BFGF3

Tgt Ion:106 Resp: 33719

Ion	Ratio	Lower	Upper
106	100		
91	193.3	137.2	254.8

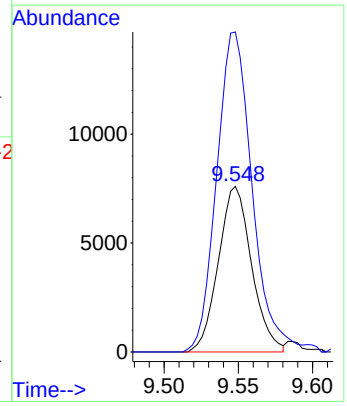


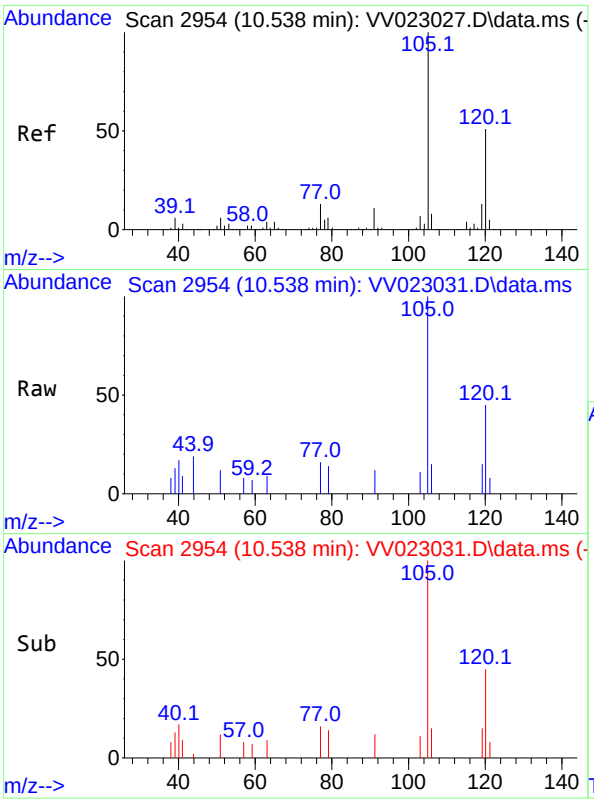


#54
o-xylene
Concen: 0.851 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion:106 Resp: 11848

Ion	Ratio	Lower	Upper
106	100		
91	193.2	148.3	275.5



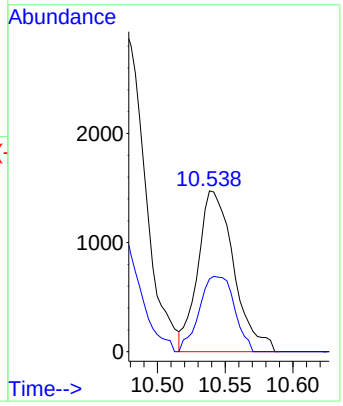


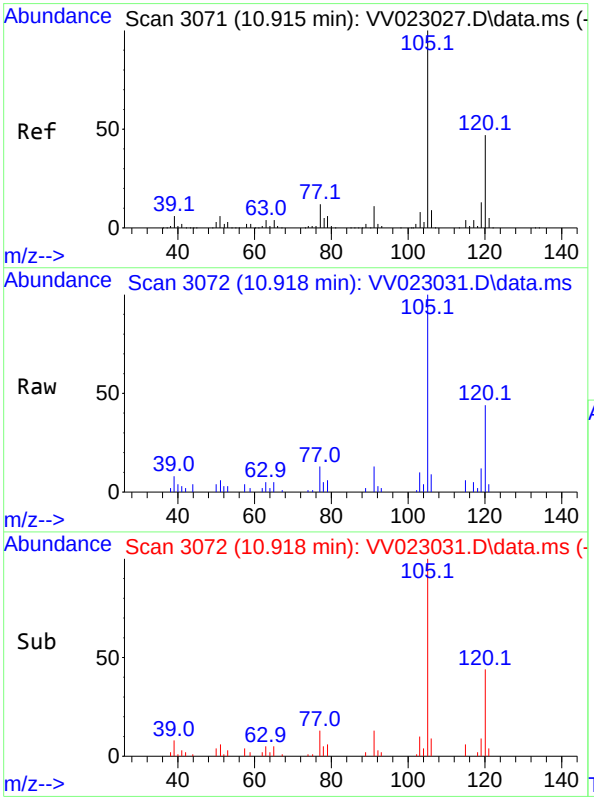
#62
1,3,5-Trimethylbenzene
Concen: 0.107 ug/L
RT: 10.538 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Instrument :
MSVOA_V
ClientSampleId :
BFGF3

Tgt Ion:105 Resp: 2711

Ion	Ratio	Lower	Upper
105	100		
120	45.7	39.7	59.5





#63
1,2,4-Trimethylbenzene
Concen: 0.517 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion:105 Resp: 13074

Ion	Ratio	Lower	Upper
105	100		
120	42.7	37.4	56.2