Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023034.D
Acq On : 26 Oct 2021 13:17
Operator : SY/MD
Sample : M4278-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGF5

Quant Time: Oct 27 01:32:23 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	145560	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52688	4.142	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.800%			
7) Chloroethane-d5	1.568	69	37969	4.826	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.108	63	54935	2.994	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.800%#			
20) 2-Butanone-d5	3.886	46	106813	52.350	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.700%			
24) Chloroform-d	4.352	84	97563	4.718	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	5.034	65	44871	4.603	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.053	84	198139	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	6.072	67	60688	4.686	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.800%			
41) Toluene-d8	7.320	98	166542	4.407	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	7.625	79	20455	4.508	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.200%			
46) 2-Hexanone-d5	8.092	63	69422	41.326	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.660%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37291	4.170	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	65554	5.525	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.400%			
Target Compounds						Qvalue
13) Acetone	2.179	43	14570	14.555	ug/L	87
33) Benzene	5.104	78	25765	0.664	ug/L	100
42) Toluene	7.391	91	201931	5.139	ug/L	97
52) Ethylbenzene	9.018	91	23353	0.599	ug/L	98
53) m,p-xylene	9.140	106	30302	1.937	ug/L	91
54) o-xylene	9.545	106	12730	0.865	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	3248	0.120	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	15692	0.582	ug/L	98

(#) = 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
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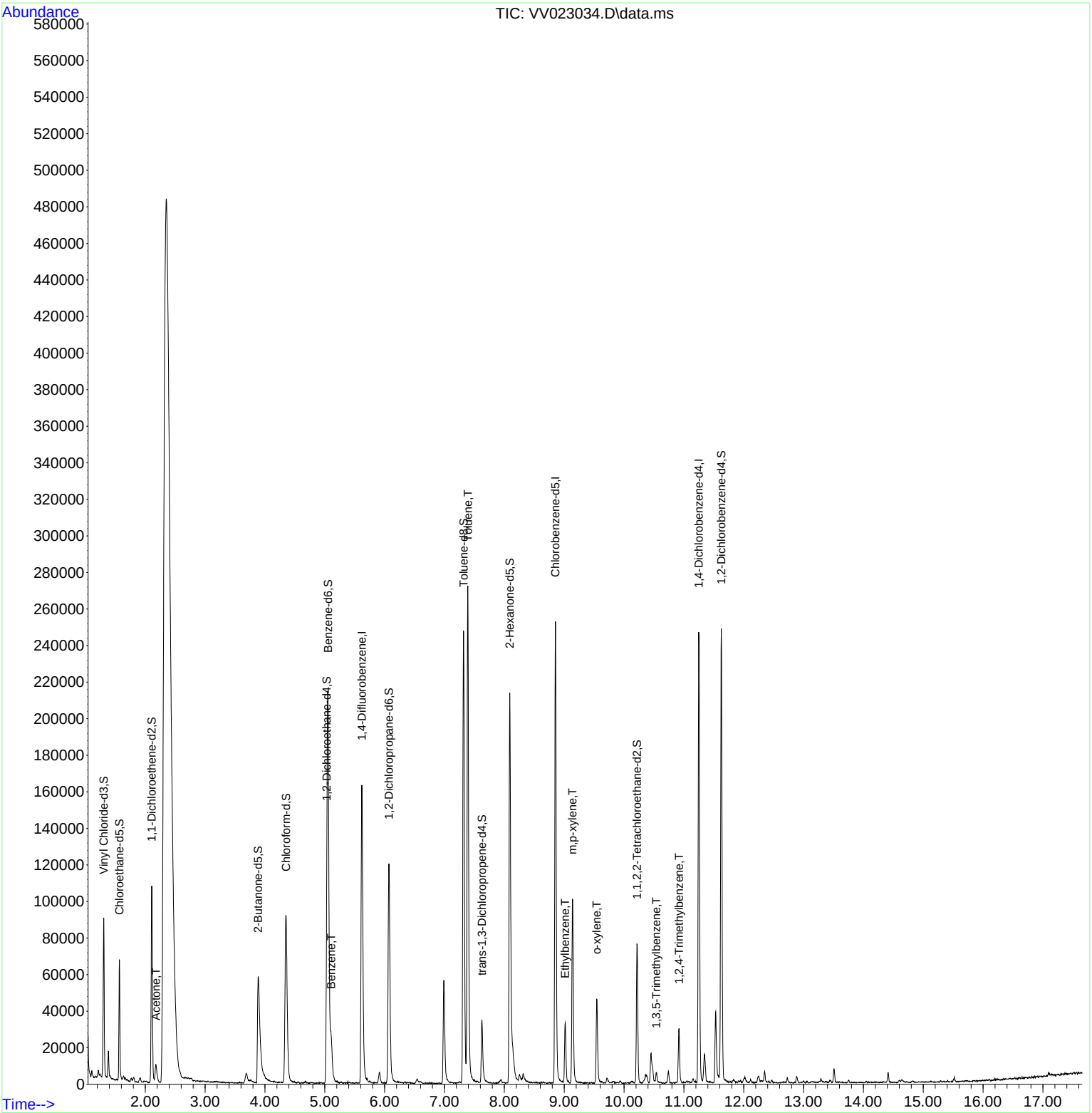
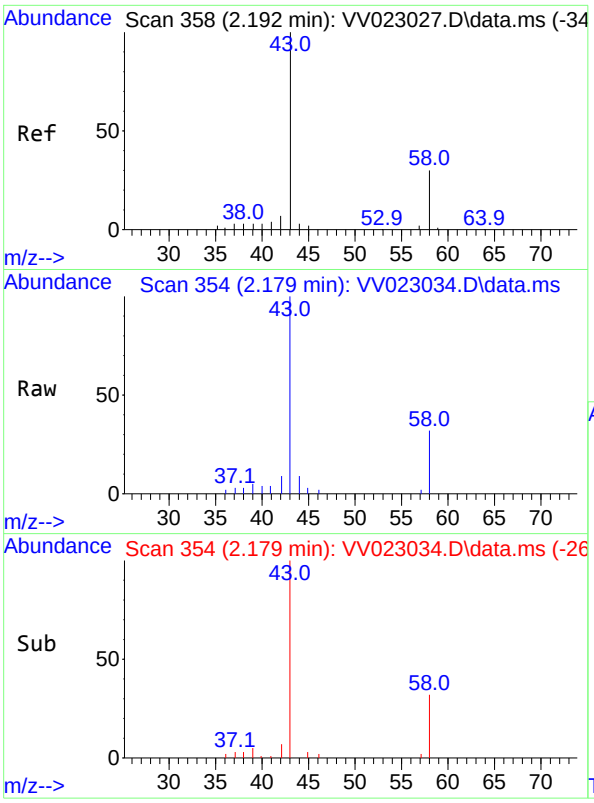


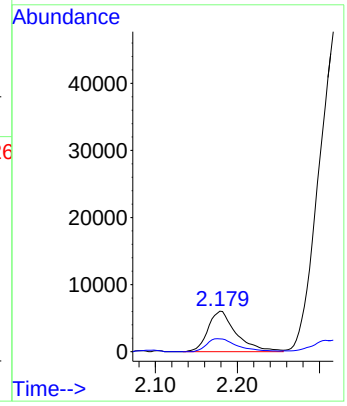


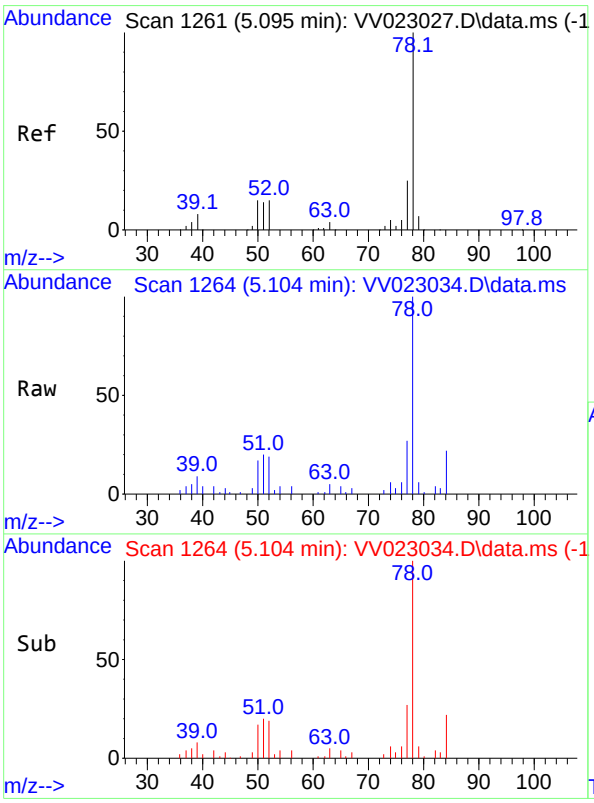
#13
Acetone
Concen: 14.555 ug/L
RT: 2.179 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Instrument :
MSVOA_V
ClientSampleId :
BFGF5

Tgt Ion: 43 Resp: 14570

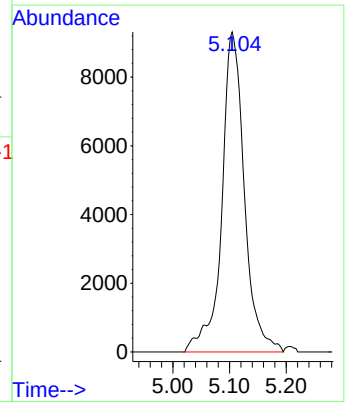
Ion	Ratio	Lower	Upper
43	100		
58	34.3	0.0	55.4

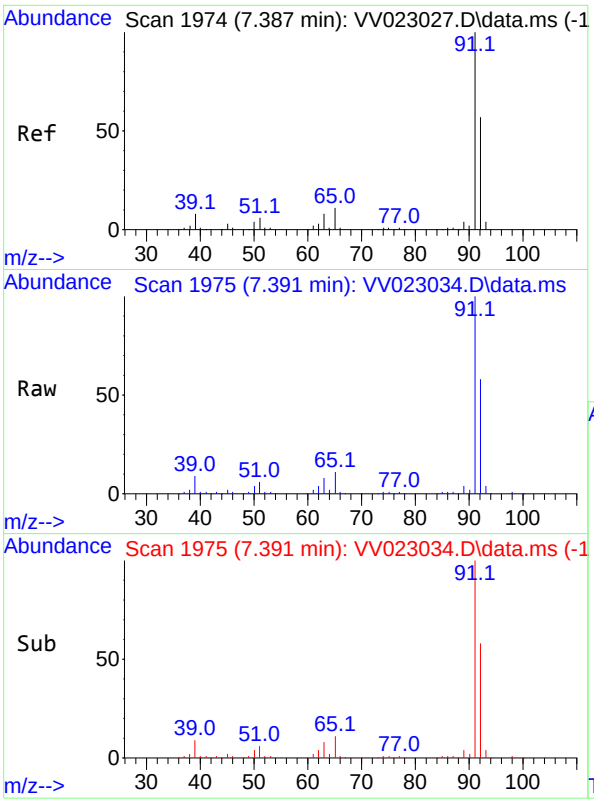




#33
Benzene
Concen: 0.664 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion: 78 Resp: 25765



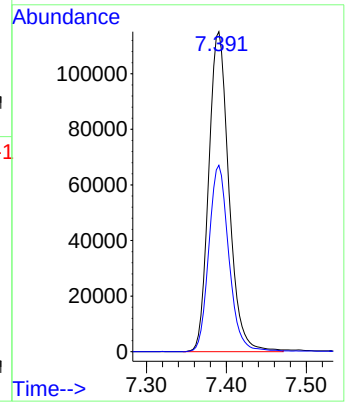


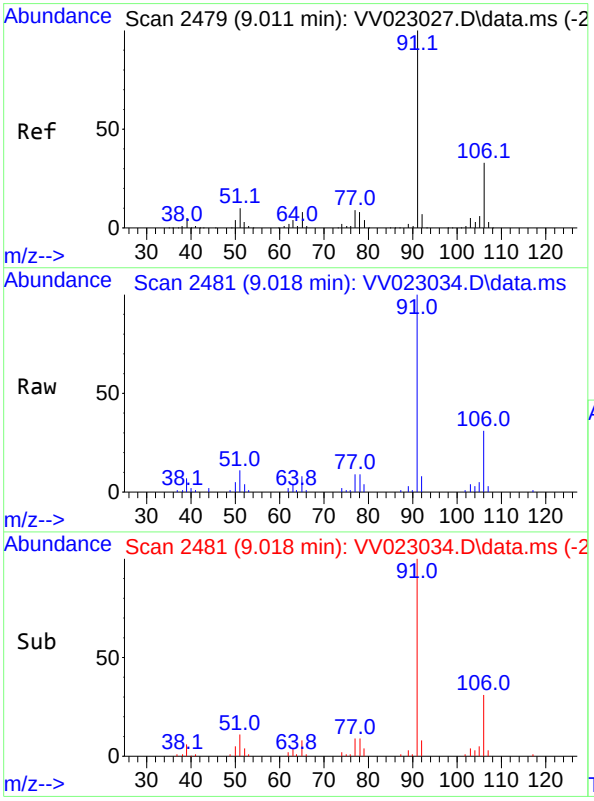
#42
Toluene
Concen: 5.139 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Instrument :
MSVOA_V
ClientSampleId :
BFGF5

Tgt Ion: 91 Resp: 201931

Ion	Ratio	Lower	Upper
91	100		
92	58.3	39.3	72.9

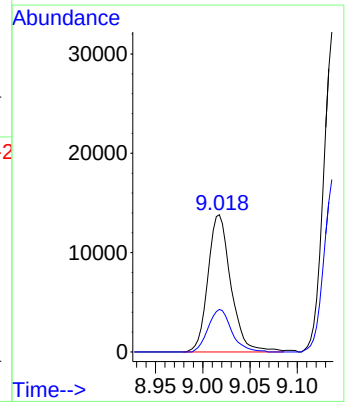


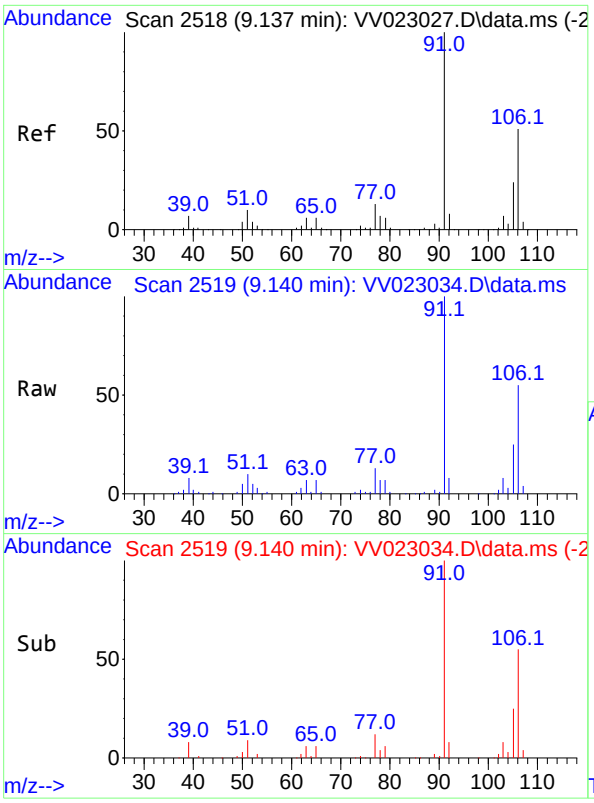


#52
Ethylbenzene
Concen: 0.599 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion: 91 Resp: 23353

Ion	Ratio	Lower	Upper
91	100		
106	31.0	22.5	41.9



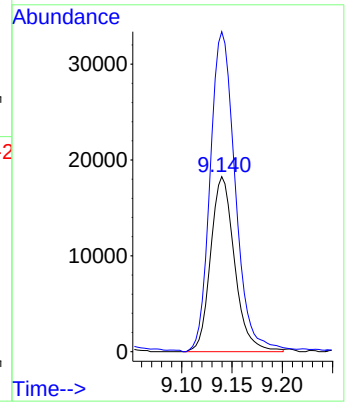


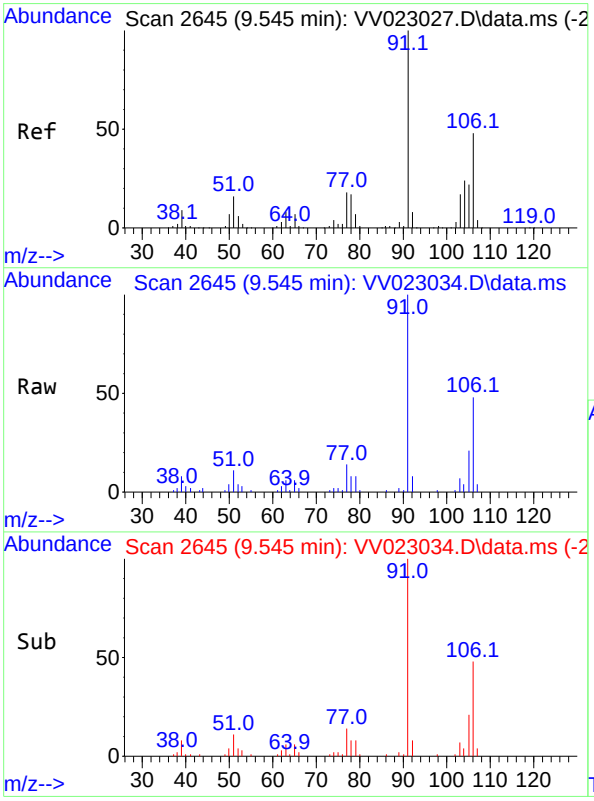
#53
m,p-xylene
Concen: 1.937 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Instrument :
MSVOA_V
ClientSampleId :
BFGF5

Tgt Ion:106 Resp: 30302

Ion	Ratio	Lower	Upper
106	100		
91	182.8	137.2	254.8

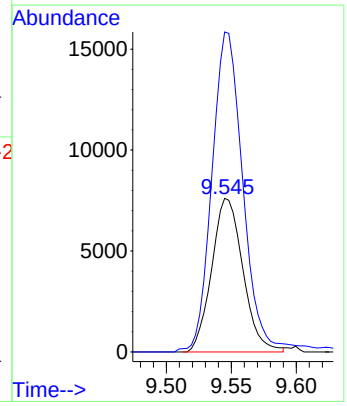


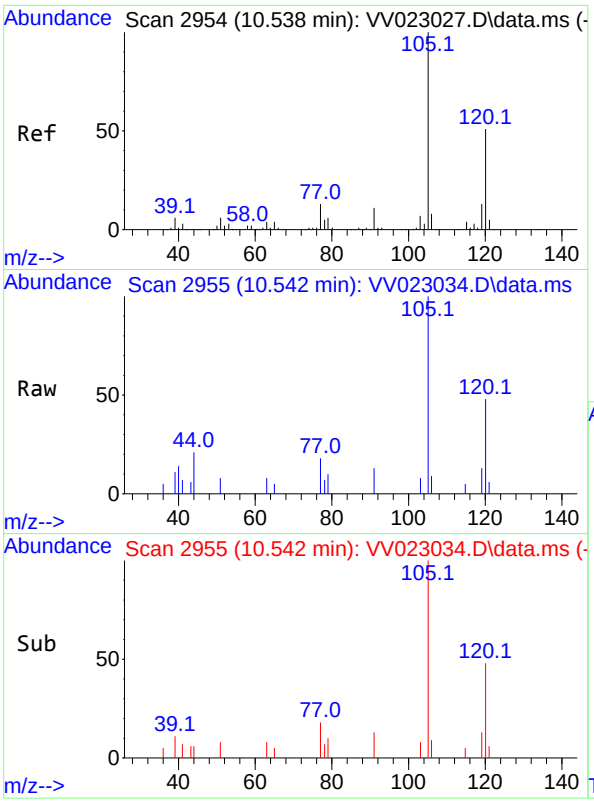


#54
o-xylene
Concen: 0.865 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion:106 Resp: 12730

Ion	Ratio	Lower	Upper
106	100		
91	208.4	148.3	275.5



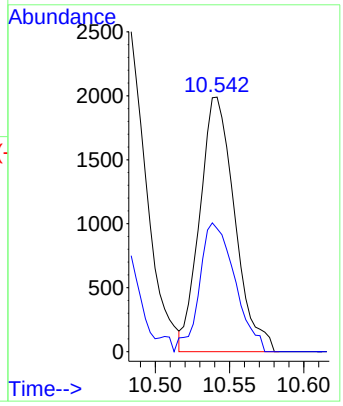


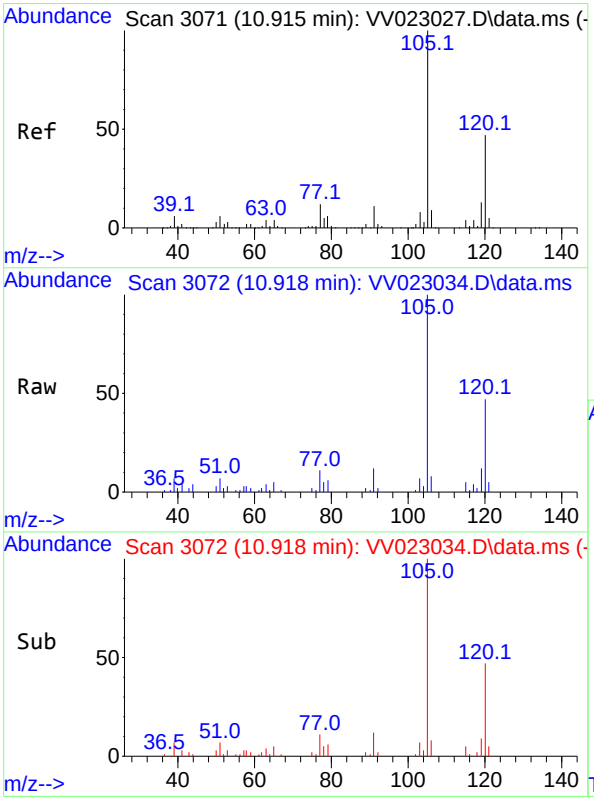
#62
1,3,5-Trimethylbenzene
Concen: 0.120 ug/L
RT: 10.542 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Instrument :
MSVOA_V
ClientSampleId :
BFGF5

Tgt Ion:105 Resp: 3248

Ion	Ratio	Lower	Upper
105	100		
120	51.2	39.7	59.5





#63
1,2,4-Trimethylbenzene
Concen: 0.582 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion:105 Resp: 15692

Ion	Ratio	Lower	Upper
105	100		
120	47.9	37.4	56.2