Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023037.D
Acq On : 26 Oct 2021 14:28
Operator : SY/MD
Sample : M4278-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGH4

Quant Time: Oct 27 01:33:06 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	141614	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	66263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52579	4.249	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.000%			
7) Chloroethane-d5	1.568	69	37207	4.861	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.108	63	59776	3.349	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.000%			
20) 2-Butanone-d5	3.886	46	107181	53.994	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.980%			
24) Chloroform-d	4.352	84	100133	4.977	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	5.034	65	45483	4.796	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.053	84	198347	4.701	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	6.069	67	61324	4.721	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.317	98	169684	4.477	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	7.625	79	20525	4.510	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.200%			
46) 2-Hexanone-d5	8.088	63	70838	42.040	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.080%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38975	4.345	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	66045	5.586	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.800%			
Target Compounds						Qvalue
13) Acetone	2.179	43	14477	14.865	ug/L	93
33) Benzene	5.105	78	23416	0.602	ug/L	100
42) Toluene	7.387	91	200402	5.085	ug/L	99
52) Ethylbenzene	9.018	91	22319	0.570	ug/L	100
53) m,p-xylene	9.140	106	29849	1.903	ug/L	96
54) o-xylene	9.545	106	12225	0.828	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	3278	0.122	ug/L	88
63) 1,2,4-Trimethylbenzene	10.918	105	14721	0.548	ug/L	98

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

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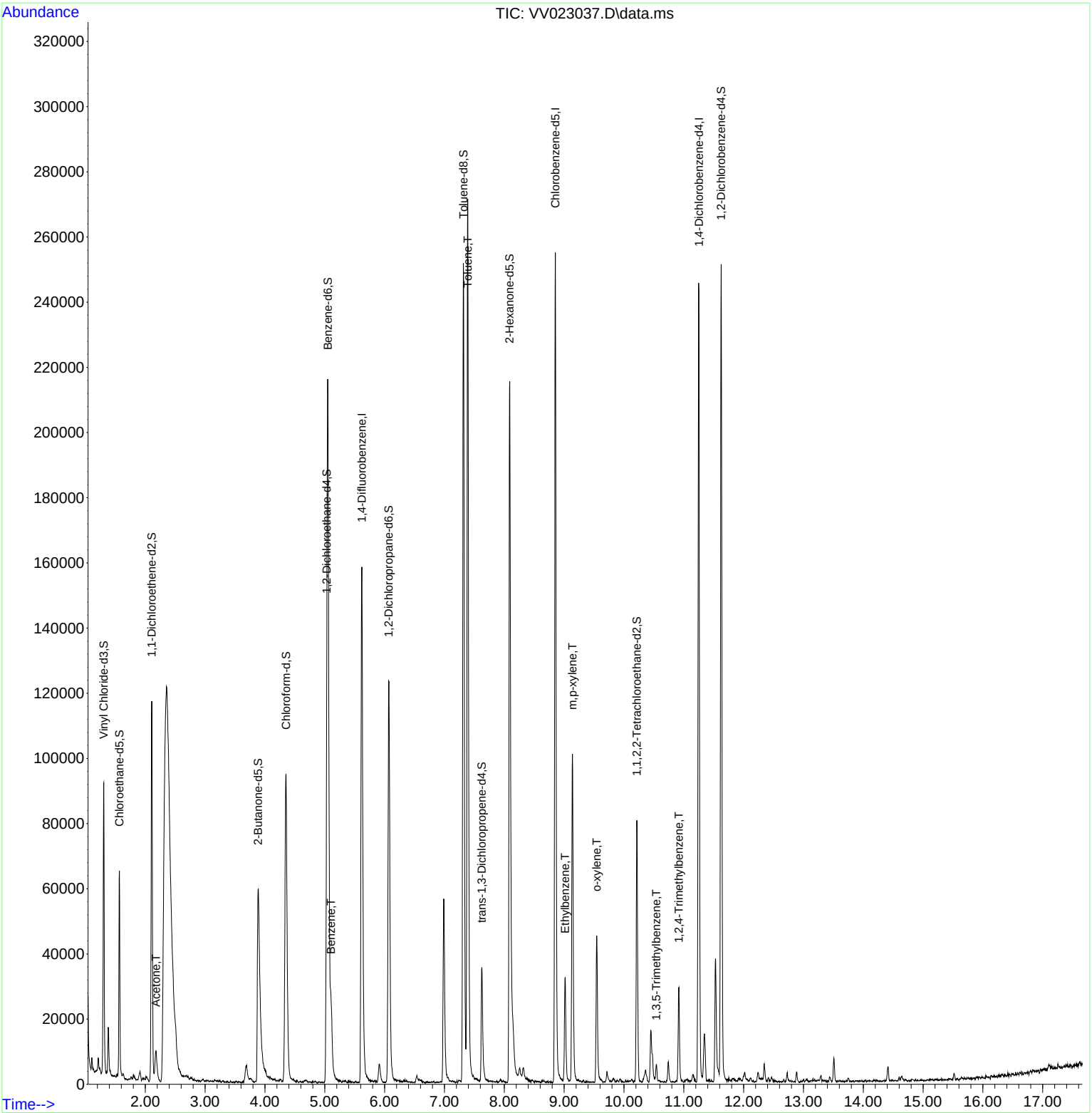
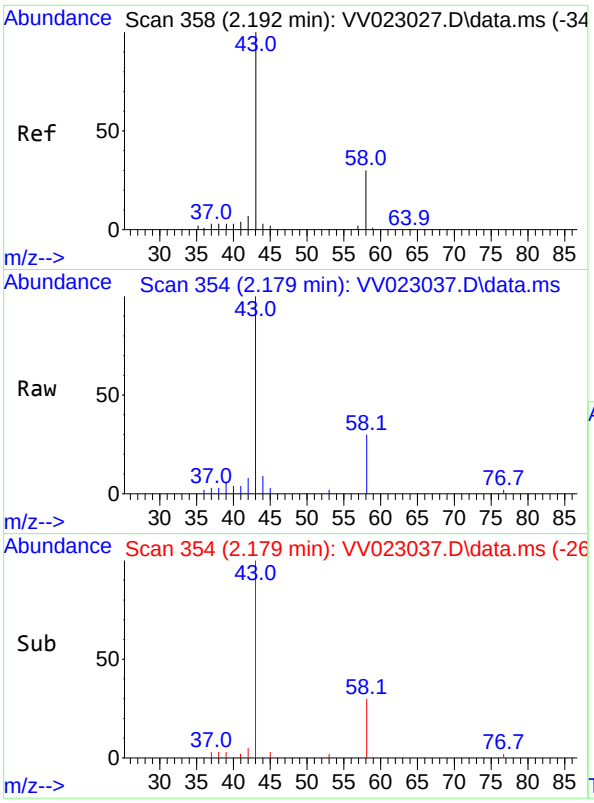
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration



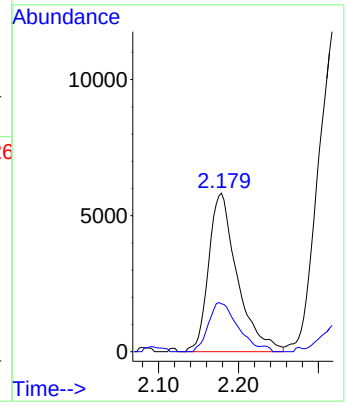


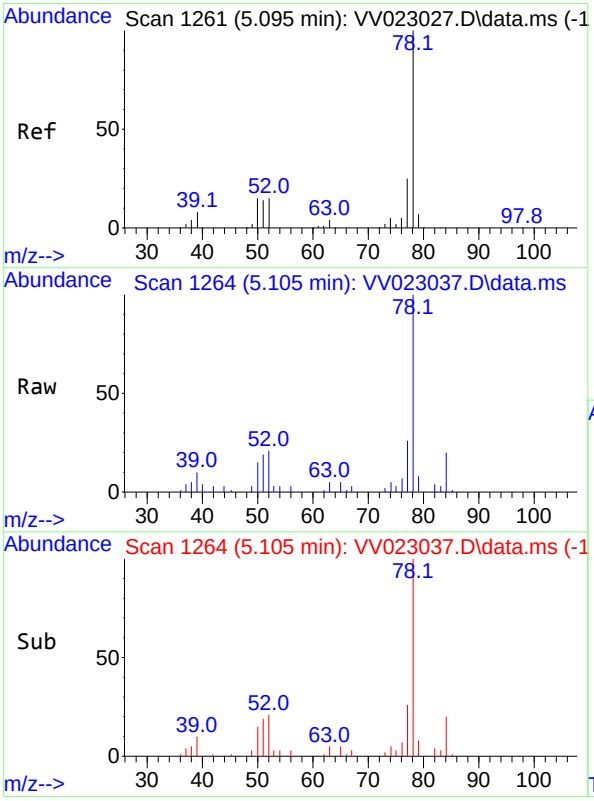
#13
Acetone
Concen: 14.865 ug/L
RT: 2.179 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Instrument :
MSVOA_V
ClientSampleId :
BFGH4

Tgt Ion: 43 Resp: 14477

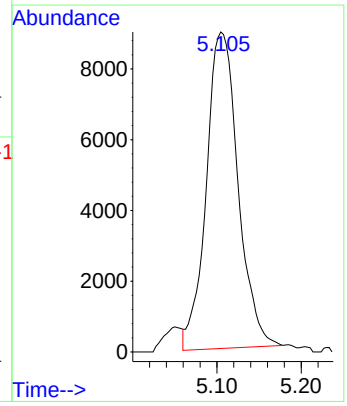
Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	55.4

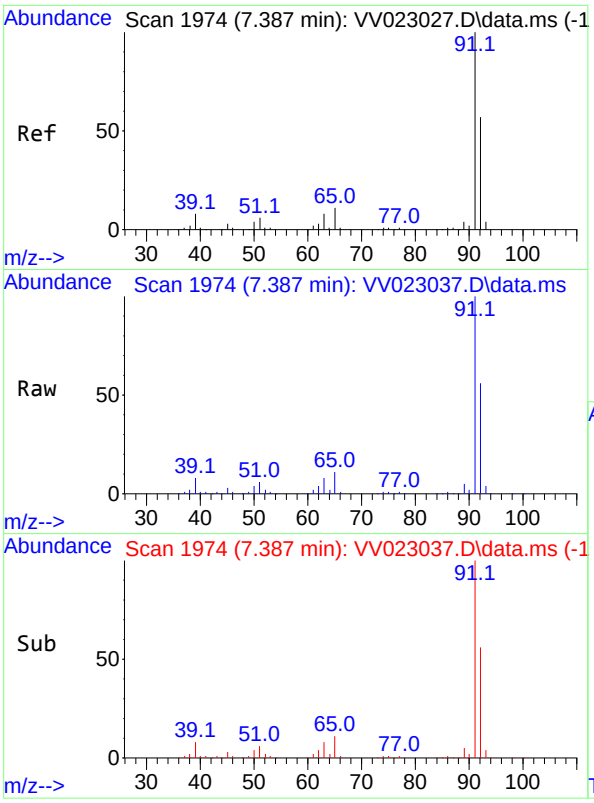




#33
Benzene
Concen: 0.602 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Tgt Ion: 78 Resp: 23416



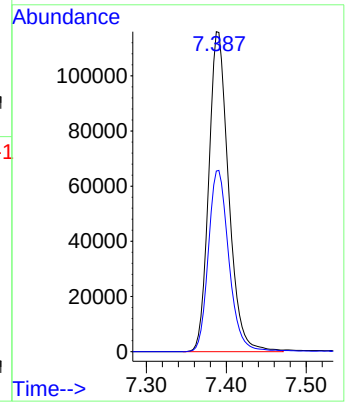


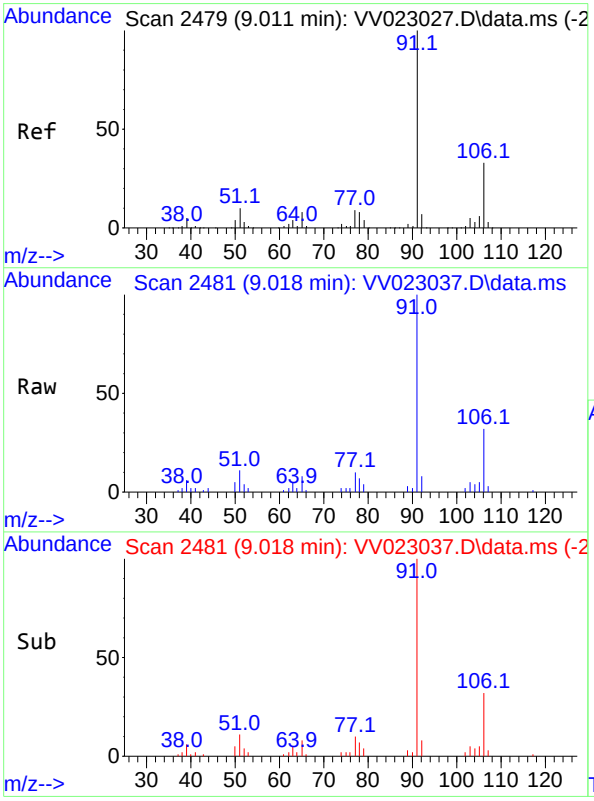
#42
Toluene
Concen: 5.085 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Instrument :
MSVOA_V
ClientSampleId :
BFGH4

Tgt Ion: 91 Resp: 200402

Ion	Ratio	Lower	Upper
91	100		
92	56.5	39.3	72.9

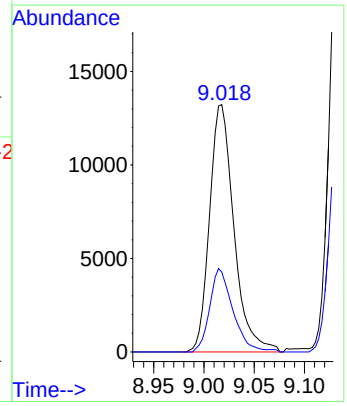


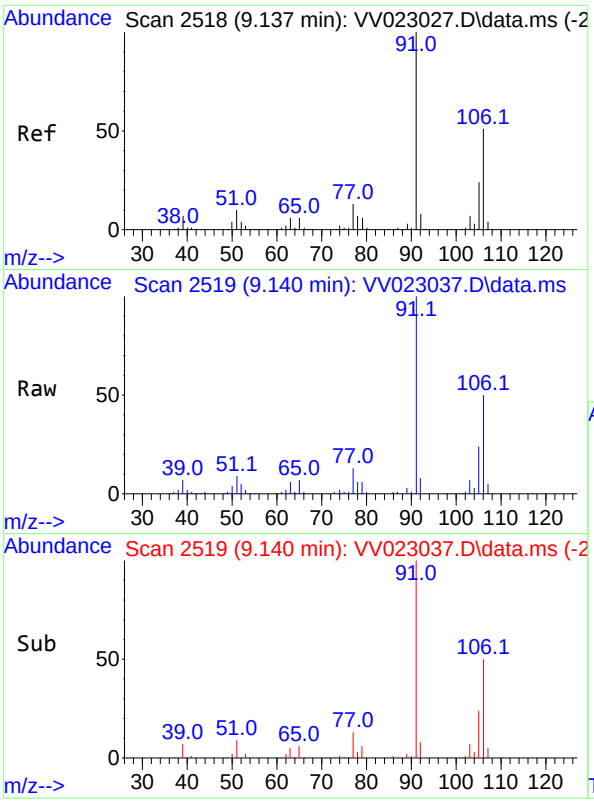


#52
Ethylbenzene
Concen: 0.570 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Tgt Ion: 91 Resp: 22319

Ion	Ratio	Lower	Upper
91	100		
106	32.3	22.5	41.9



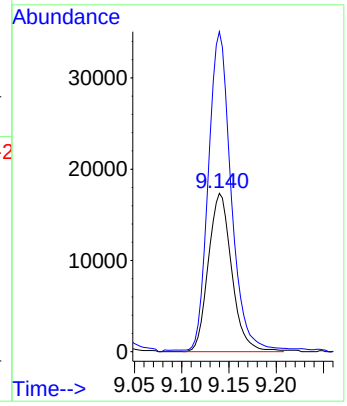


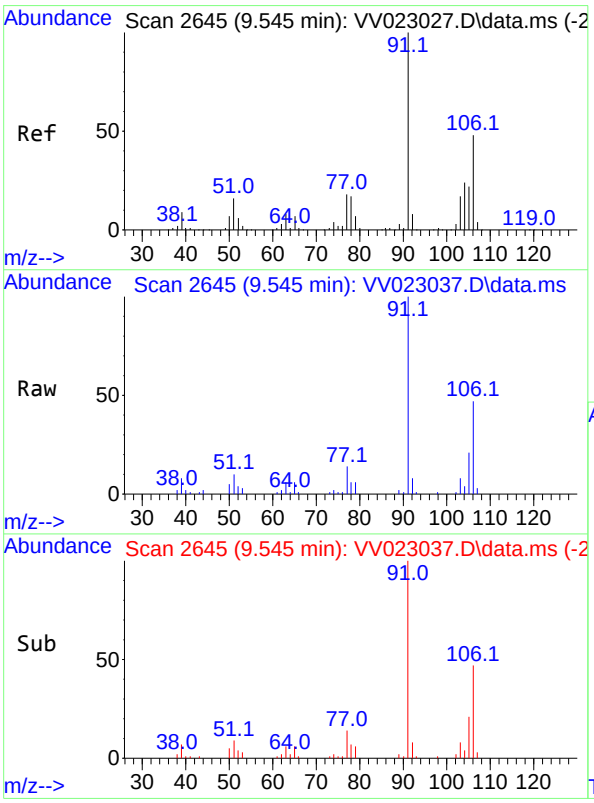
#53
m,p-xylene
Concen: 1.903 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Instrument :
MSVOA_V
ClientSampleId :
BFGH4

Tgt Ion:106 Resp: 29849

Ion	Ratio	Lower	Upper
106	100		
91	201.9	137.2	254.8

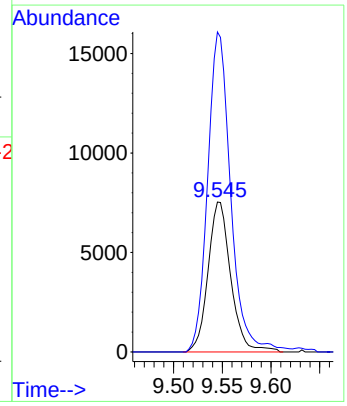


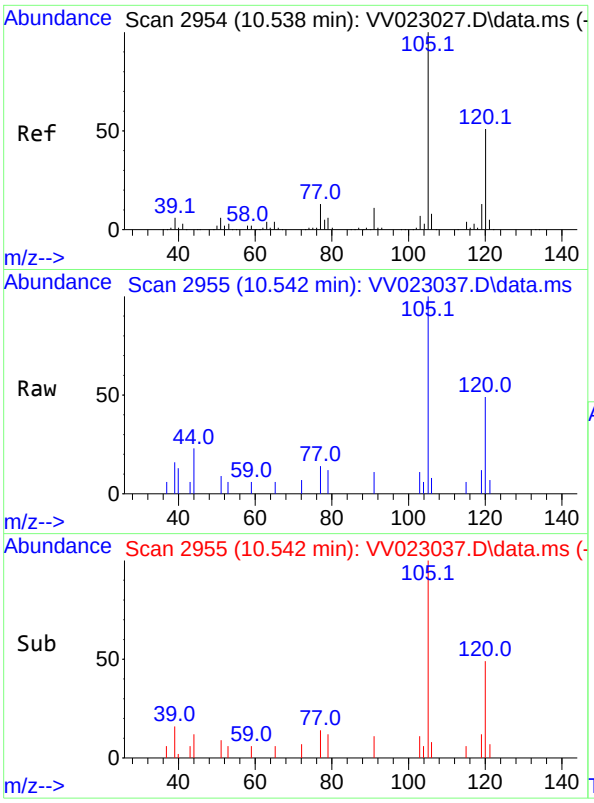


#54
o-xylene
Concen: 0.828 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Tgt Ion:106 Resp: 12225

Ion	Ratio	Lower	Upper
106	100		
91	213.5	148.3	275.5



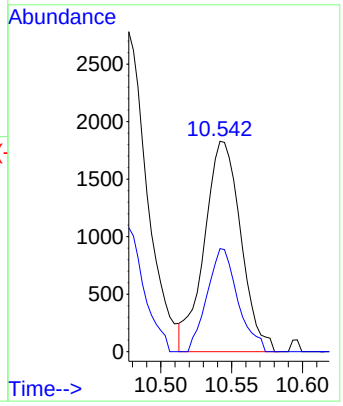


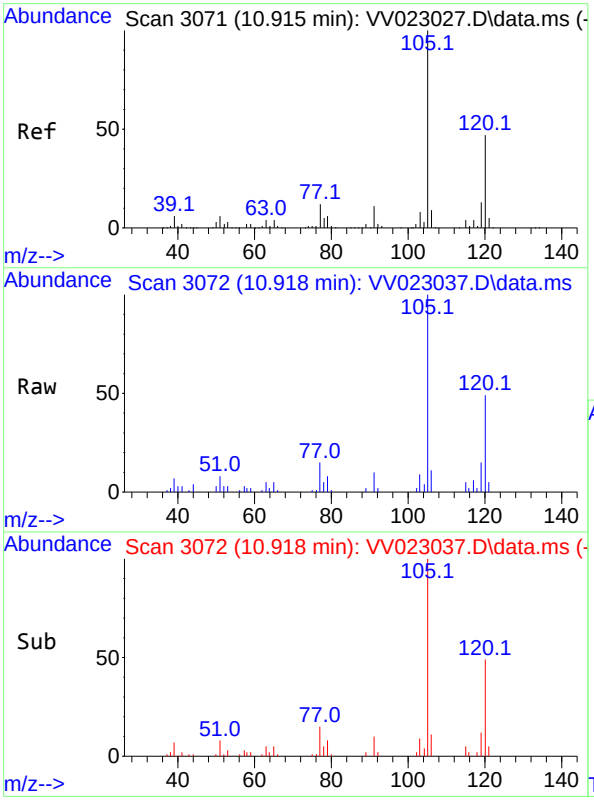
#62
1,3,5-Trimethylbenzene
Concen: 0.122 ug/L
RT: 10.542 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Instrument :
MSVOA_V
ClientSampleId :
BFGH4

Tgt Ion:105 Resp: 3278

Ion	Ratio	Lower	Upper
105	100		
120	41.2	39.7	59.5





#63
1,2,4-Trimethylbenzene
Concen: 0.548 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023037.D
Acq: 26 Oct 2021 14:28

Tgt Ion:105 Resp: 14721

Ion	Ratio	Lower	Upper
105	100		
120	45.4	37.4	56.2