Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
Data File : VV023178.D
Acq On : 03 Nov 2021 11:34
Operator : SY/MD
Sample : M4400-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 74 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG359

Quant Time: Nov 07 01:02:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 23:31:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	128964	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41627	3.694	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.800%			
7) Chloroethane-d5	1.571	69	36641	5.256	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.200%			
11) 1,1-Dichloroethene-d2	2.111	63	59589	3.665	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.400%			
20) 2-Butanone-d5	3.902	46	88380	48.890	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.780%			
24) Chloroform-d	4.352	84	86818	4.739	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.037	65	42529	4.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.053	84	170985	4.391	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
36) 1,2-Dichloropropane-d6	6.072	67	51454	4.292	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.800%			
41) Toluene-d8	7.320	98	150199	4.294	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
43) trans-1,3-Dichloroprop...	7.629	79	19207	4.573	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.400%			
46) 2-Hexanone-d5	8.092	63	68829	44.261	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.520%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34271	4.140	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	60154	4.841	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
13) Acetone	2.188	43	9043	10.196	ug/L	66
30) Cyclohexane	4.687	56	1434	0.109	ug/L #	64
33) Benzene	5.105	78	67109	1.870	ug/L	100
42) Toluene	7.391	91	182640	5.021	ug/L	99
52) Ethylbenzene	9.018	91	20652	0.572	ug/L	100
53) m,p-xylene	9.140	106	27281	1.884	ug/L	97
54) o-xylene	9.548	106	17404	1.277	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	21876	0.775	ug/L	96

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

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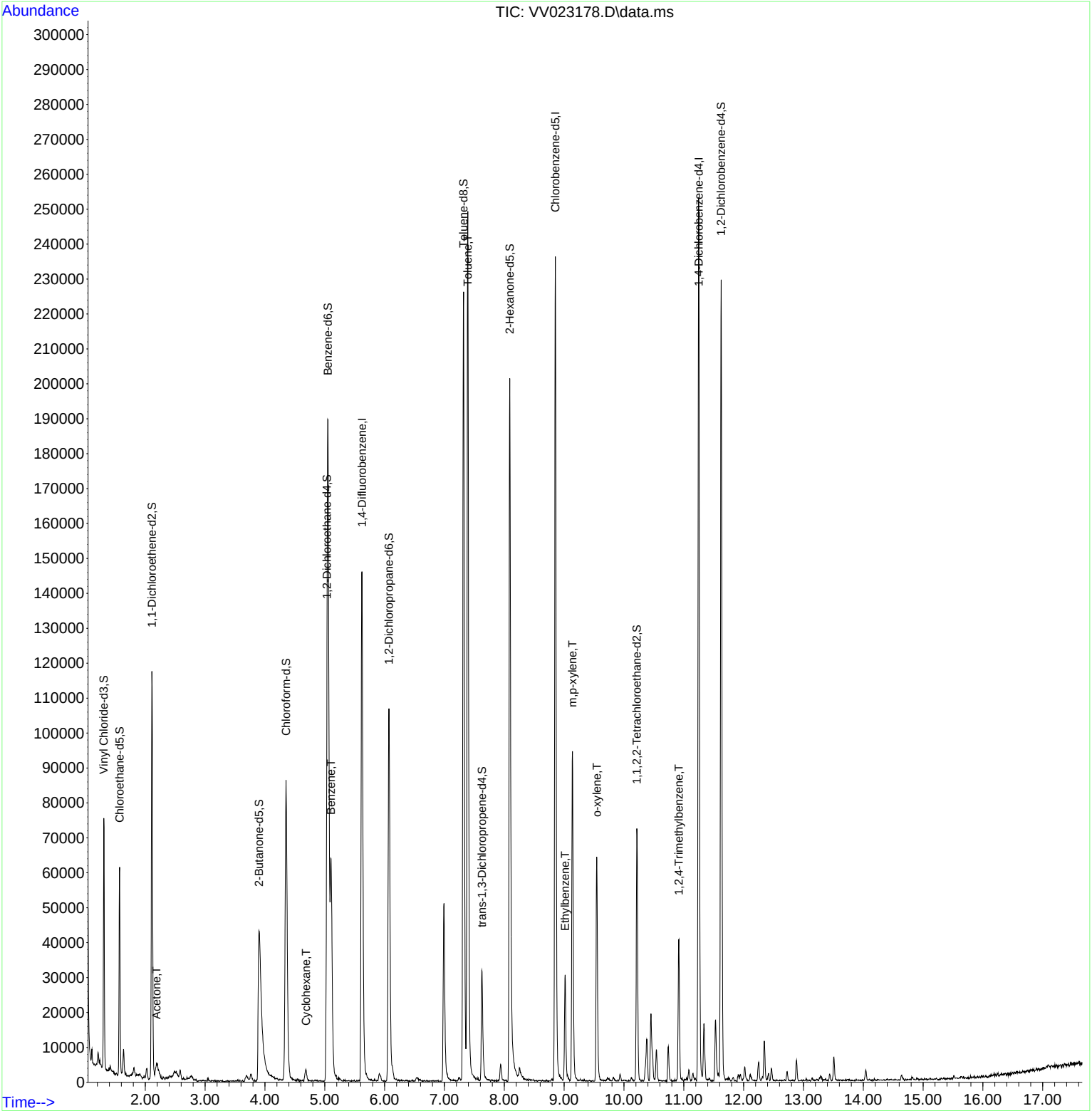
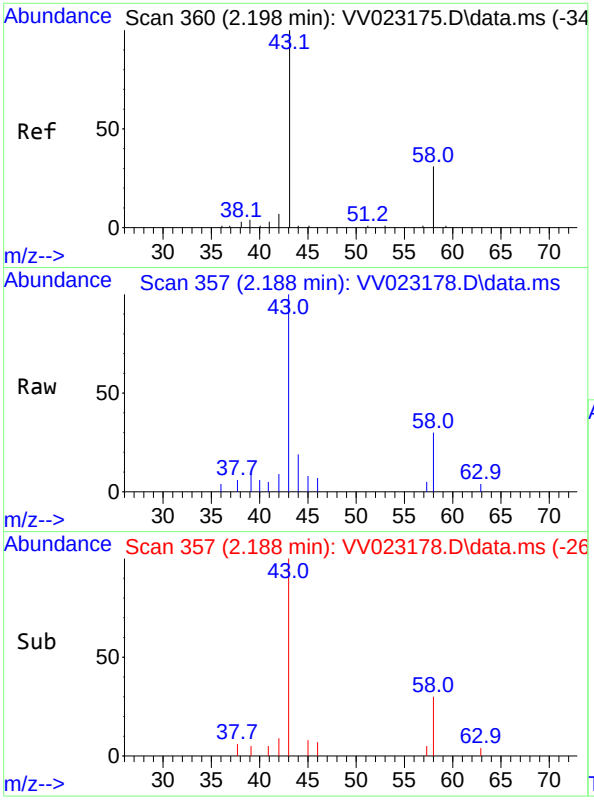


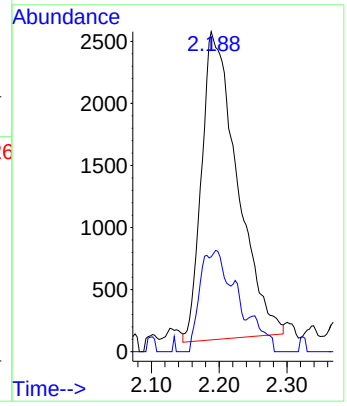


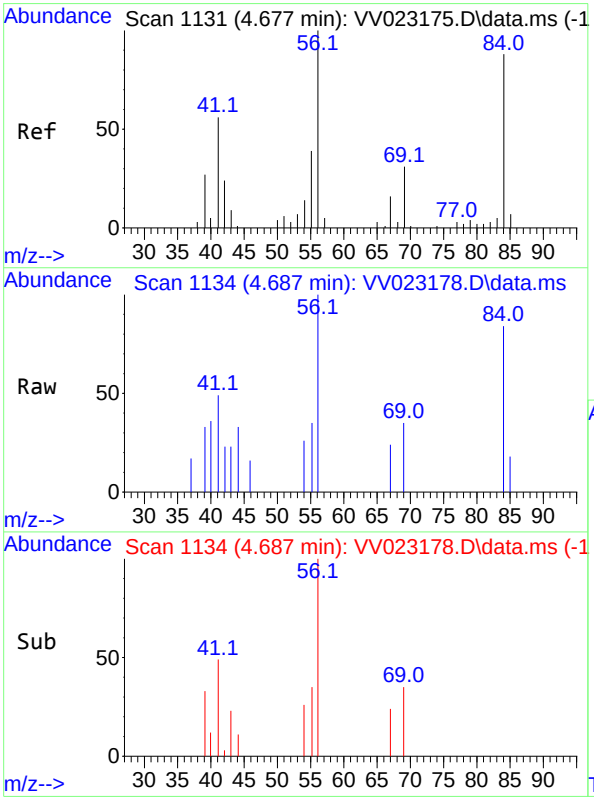
#13
Acetone
Concen: 10.196 ug/L
RT: 2.188 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Instrument :
MSVOA_V
ClientSampleId :
BG359

Tgt Ion: 43 Resp: 9043

Ion	Ratio	Lower	Upper
43	100		
58	9.8	0.0	55.4

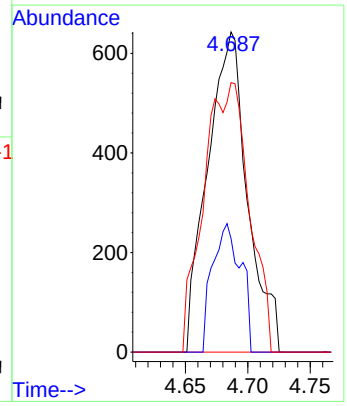


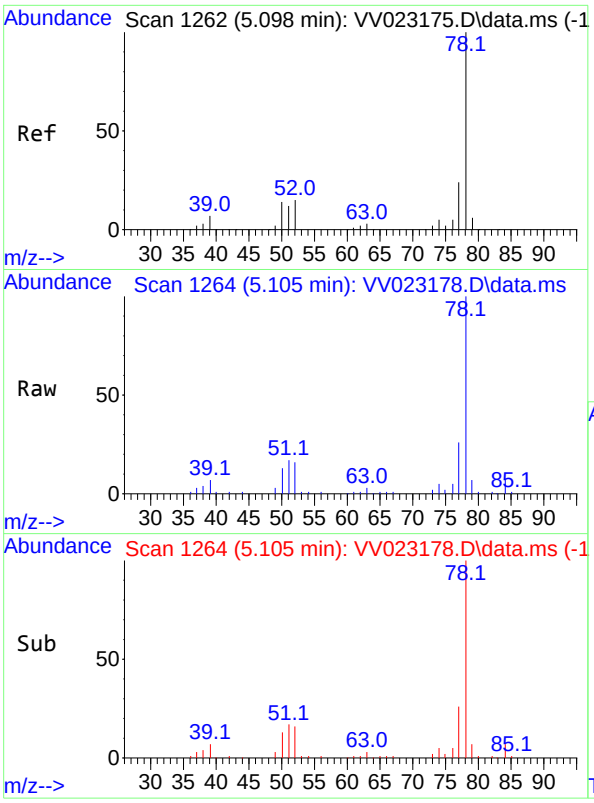


#30
Cyclohexane
Concen: 0.109 ug/L
RT: 4.687 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Tgt Ion: 56 Resp: 1434

Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.5	35.3
84	45.3	71.6	107.4#

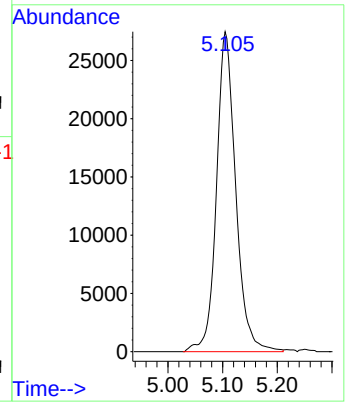


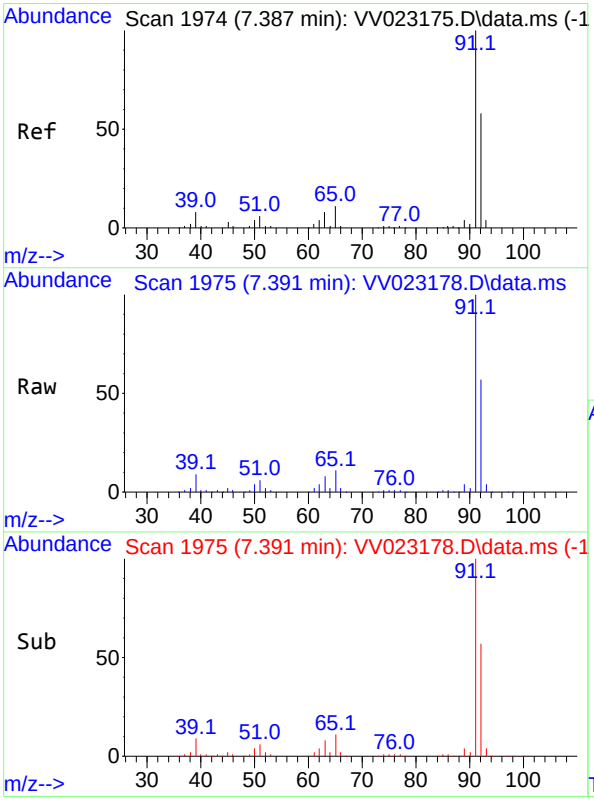


#33
Benzene
Concen: 1.870 ug/L
RT: 5.105 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Instrument :
MSVOA_V
ClientSampleId :
BG359

Tgt Ion: 78 Resp: 67109

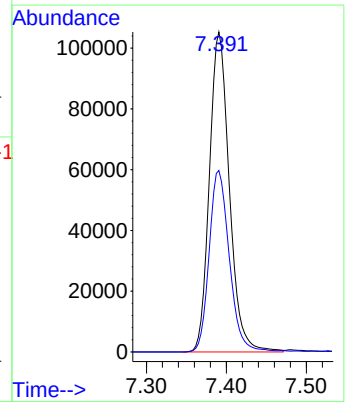


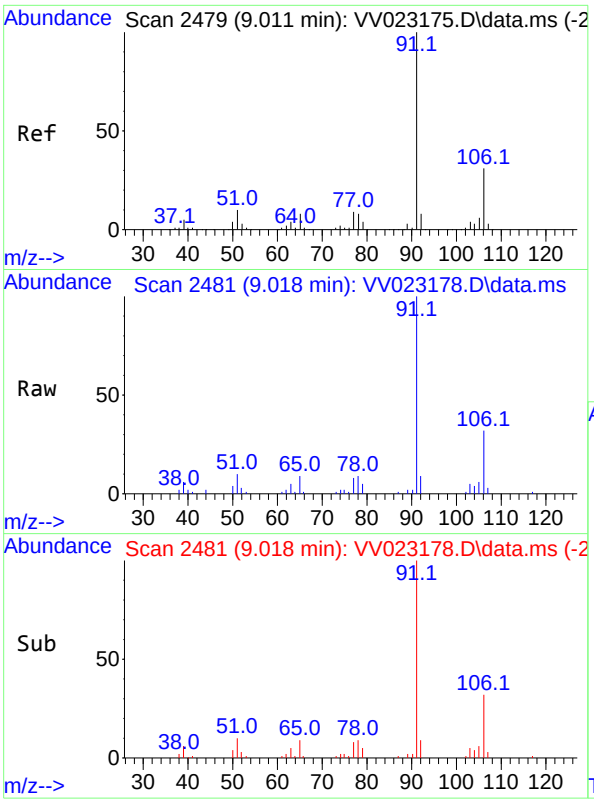


#42
Toluene
Concen: 5.021 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Tgt Ion: 91 Resp: 182640

Ion	Ratio	Lower	Upper
91	100		
92	56.7	39.3	72.9



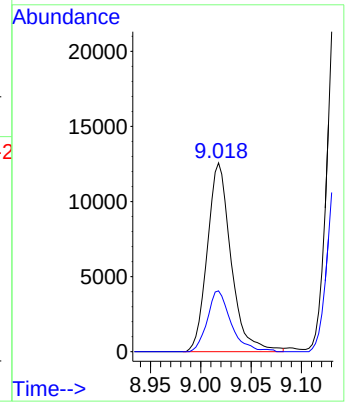


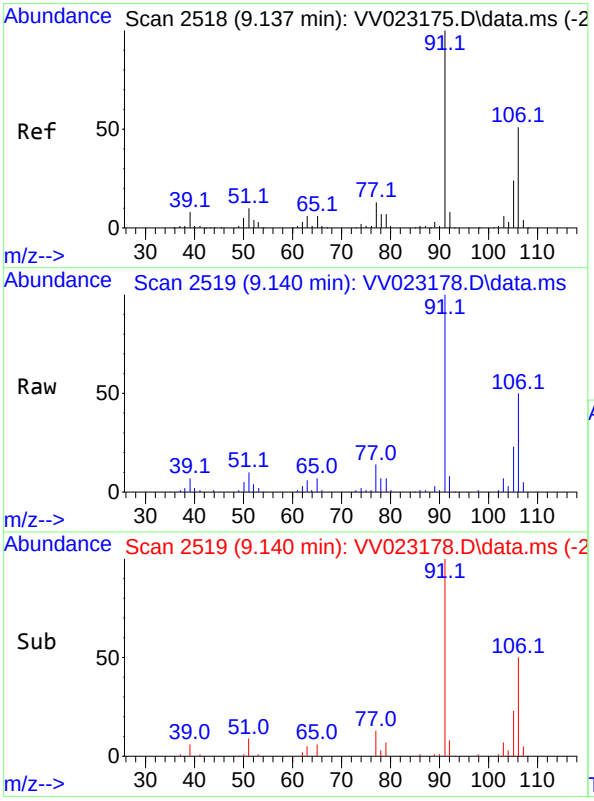
#52
Ethylbenzene
Concen: 0.572 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Instrument :
MSVOA_V
ClientSampleId :
BG359

Tgt Ion: 91 Resp: 20652

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.5	41.9

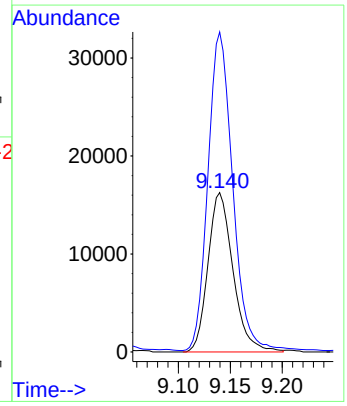


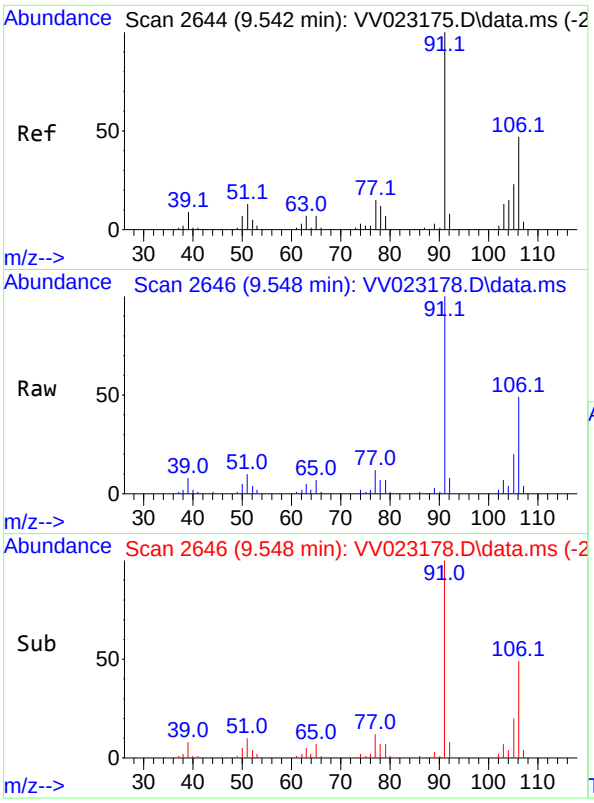


#53
m,p-xylene
Concen: 1.884 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Tgt Ion:106 Resp: 27281

Ion	Ratio	Lower	Upper
106	100		
91	200.7	137.2	254.8



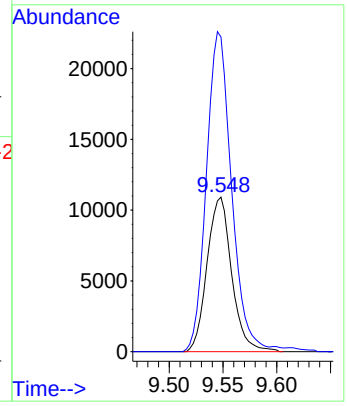


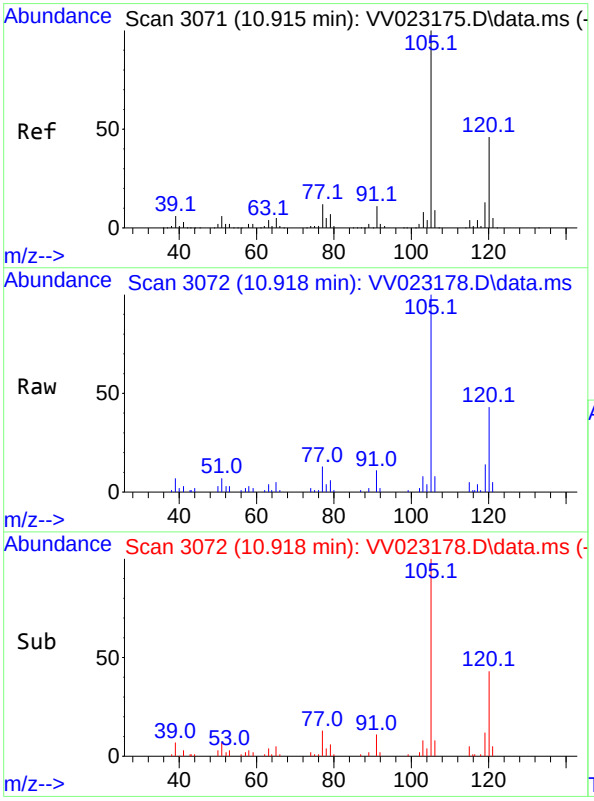
#54
o-xylene
Concen: 1.277 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Instrument :
MSVOA_V
ClientSampleId :
BG359

Tgt Ion:106 Resp: 17404

Ion	Ratio	Lower	Upper
106	100		
91	203.7	148.3	275.5





#63
1,2,4-Trimethylbenzene
Concen: 0.775 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023178.D
Acq: 03 Nov 2021 11:34

Tgt Ion:105 Resp: 21876

Ion	Ratio	Lower	Upper
105	100		
120	44.3	37.4	56.2