Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

Quant Time: Jul 03 00:08:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	561904	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	521544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	268239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	124306	34.965	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.940%		
7) Chloroethane-d5	1.561	69	83489	28.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	57.460%#		
11) 1,1-Dichloroethene-d2	2.105	63	185016	28.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.880%#		
21) 2-Butanone-d5	3.876	46	275490	90.733	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.730%		
24) Chloroform-d	4.349	84	297780	40.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.080%		
26) 1,2-Dichloroethane-d4	5.031	65	178299	40.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.380%		
32) Benzene-d6	5.050	84	600718	41.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.040%		
36) 1,2-Dichloropropane-d6	6.069	67	193452	41.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.760%		
41) Toluene-d8	7.317	98	553744	40.888	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.780%		
43) trans-1,3-Dichloroprop...	7.622	79	89201	38.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.640%		
47) 2-Hexanone-d5	8.088	63	204450	95.430	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.430%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	275229	44.229	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.460%		
66) 1,2-Dichlorobenzene-d4	11.625	152	225704	42.205	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.420%		
Target Compounds						Qvalue
13) Acetone	2.169	43	64695	25.773	ug/L #	100
25) Chloroform	4.375	83	104932	14.433	ug/L	97
42) Toluene	7.394	91	27169	1.598	ug/L	98
53) m,p-Xylene	9.143	106	8801	1.242	ug/L	97
54) o-Xylene	9.548	106	9013	1.275	ug/L	94
62) 1,3,5-Trimethylbenzene	10.542	105	151242	9.699	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	392840	24.895	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	23076	2.684	ug/L	97

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

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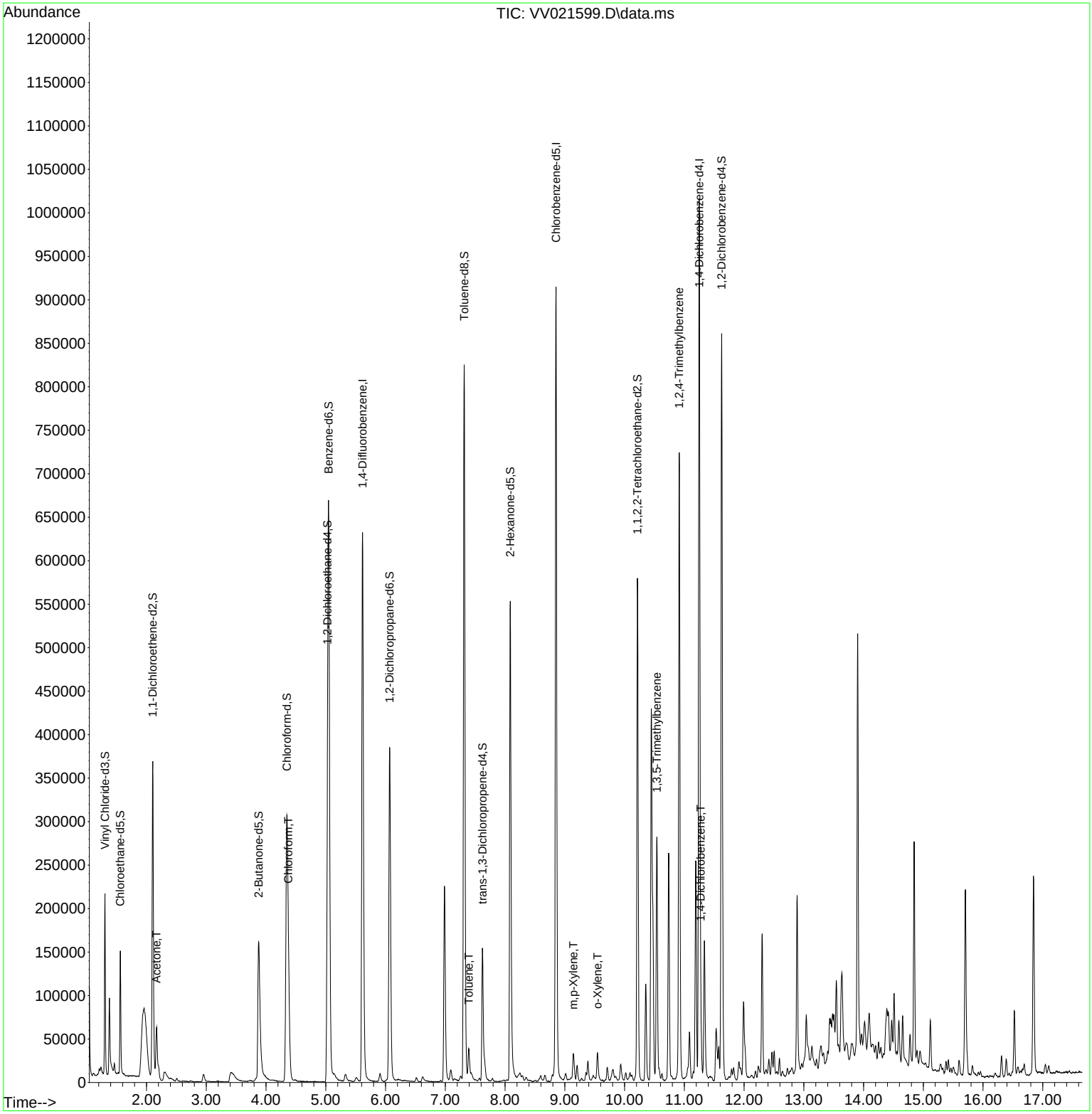

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MSVOA_V
ClientSampleId :
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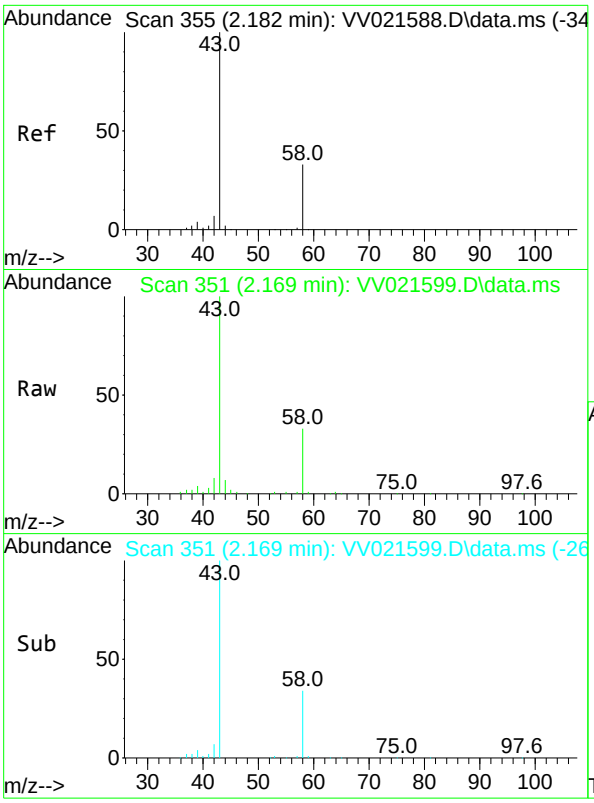
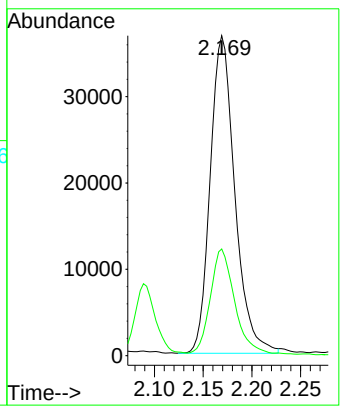
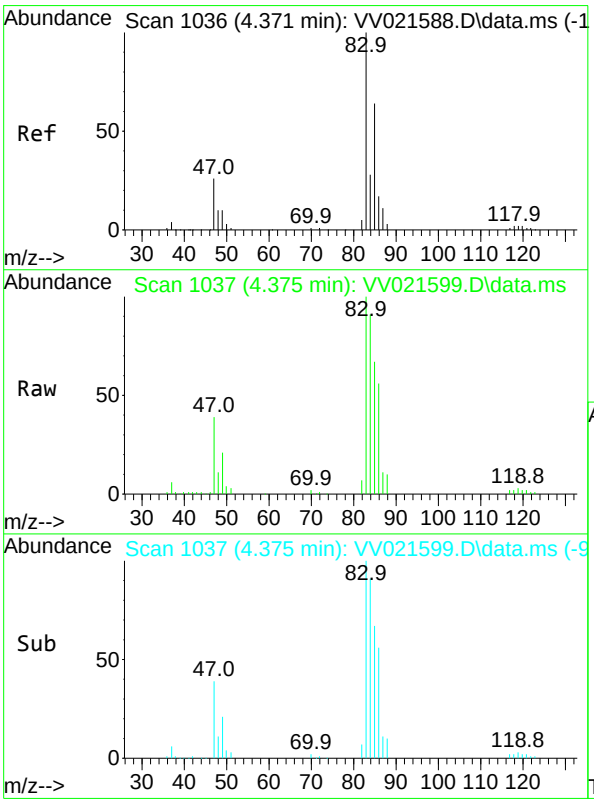


#13
Acetone
Concen: 25.773 ug/L
RT: 2.169 min Scan# 351
Delta R.T. -0.013 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion: 43 Resp: 64695

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	0.0#

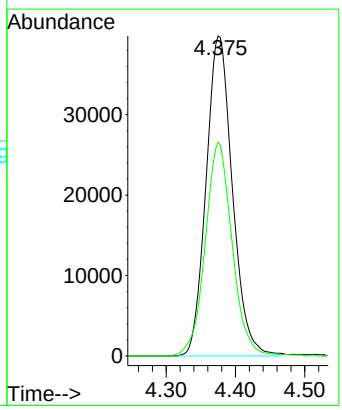




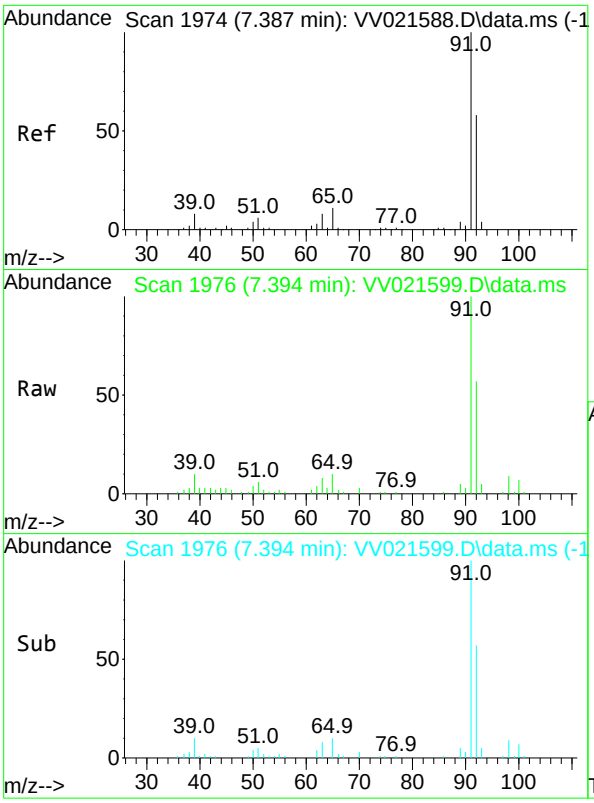
#25
Chloroform
Concen: 14.433 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion: 83 Resp: 104932

Ion	Ratio	Lower	Upper
83	100		
85	66.8	45.1	83.7



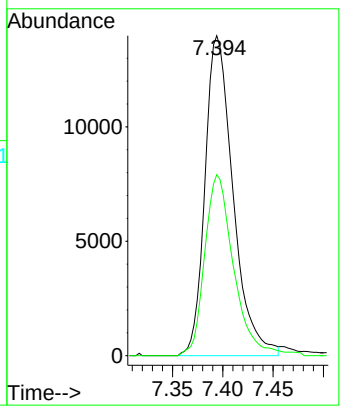
Instrument :
MSVOA_V
ClientSampleId :
DBK44

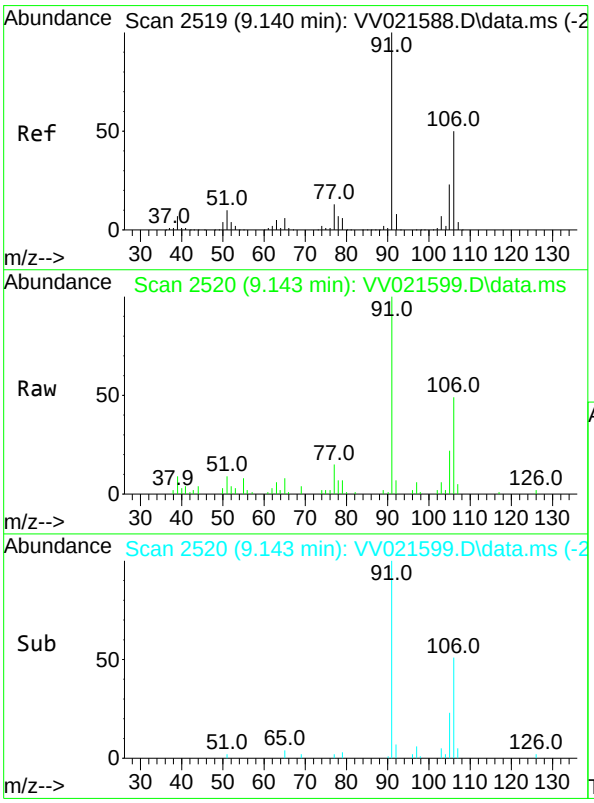


#42
Toluene
Concen: 1.598 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.007 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion: 91 Resp: 27169

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.6	75.4

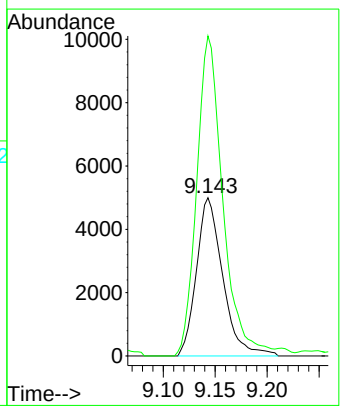




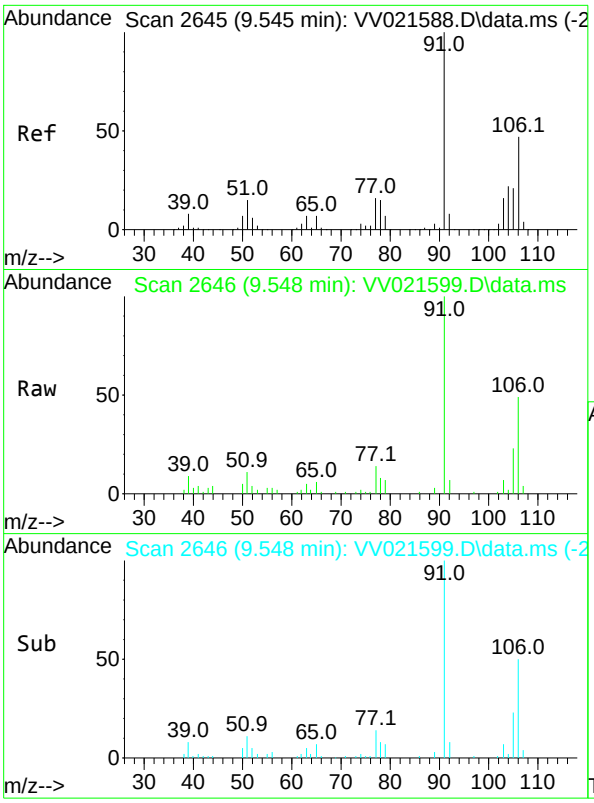
#53
m,p-Xylene
Concen: 1.242 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion:106 Resp: 8801

Ion	Ratio	Lower	Upper
106	100		
91	202.2	138.7	257.5



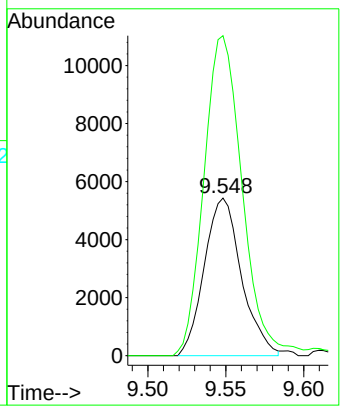
Instrument :
MSVOA_V
ClientSampleId :
DBK44

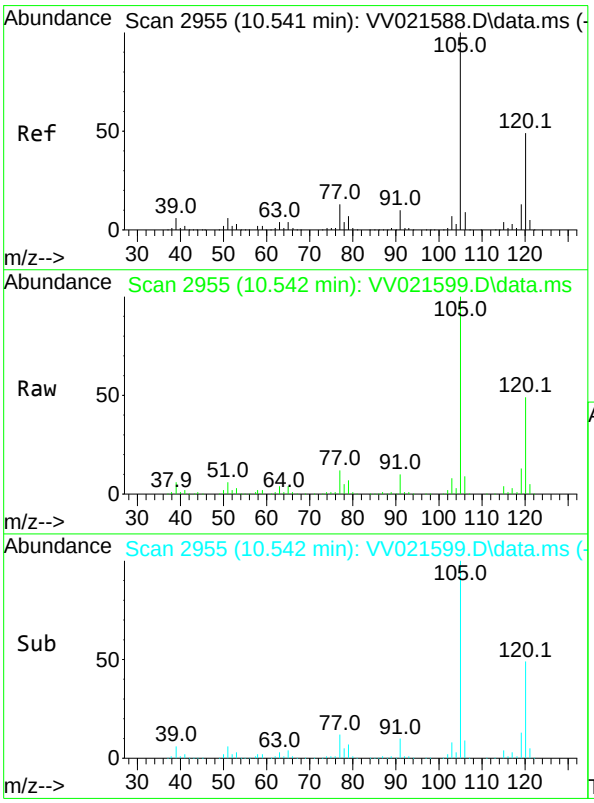


#54
o-Xylene
Concen: 1.275 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion:106 Resp: 9013

Ion	Ratio	Lower	Upper
106	100		
91	203.0	149.0	276.8

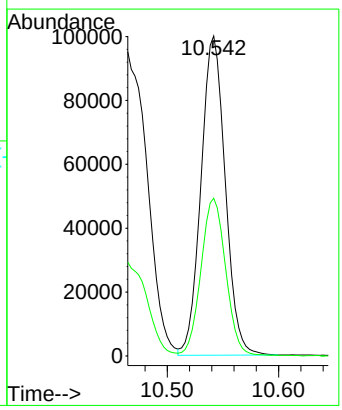




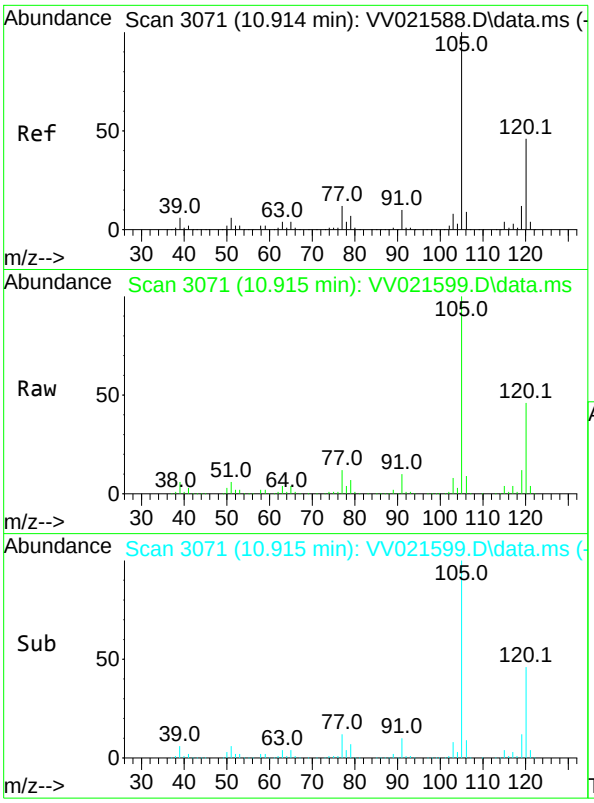
#62
1,3,5-Trimethylbenzene
Concen: 9.699 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion:105 Resp: 151242

Ion	Ratio	Lower	Upper
105	100		
120	49.9	40.0	60.0



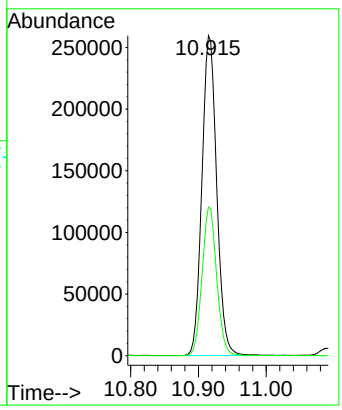
Instrument :
MSVOA_V
ClientSampleId :
DBK44

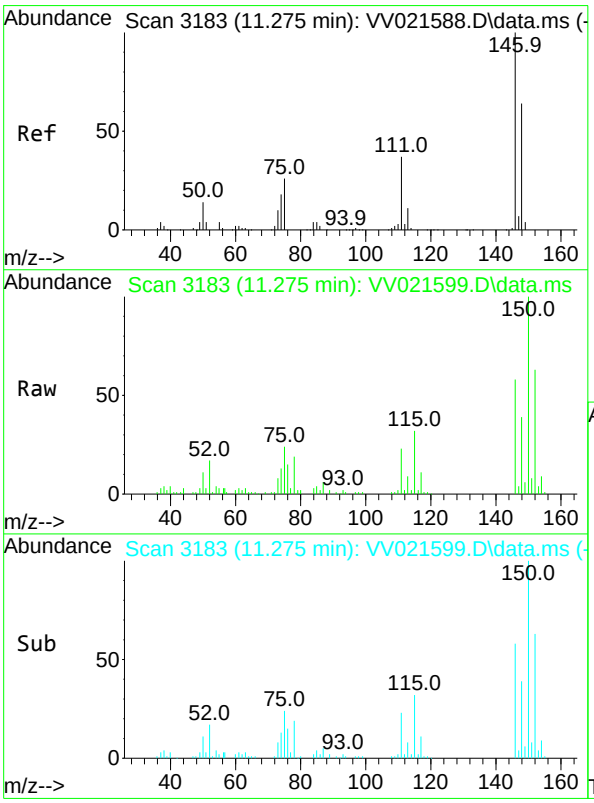


#63
1,2,4-Trimethylbenzene
Concen: 24.895 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion:105 Resp: 392840

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.1	55.7





#65
1,4-Dichlorobenzene
Concen: 2.684 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021599.D
Acq: 02 Jul 2021 15:42

Tgt Ion:146 Resp: 23076

Ion	Ratio	Lower	Upper
146	100		
111	39.4	26.6	49.4
148	66.7	45.2	84.0