Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
Data File : VV021802.D
Acq On : 16 Aug 2021 19:41
Operator : SY/MD
Sample : M3422-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 17 04:32:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 17 04:08:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	426873	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	385096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	185407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145973	43.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.480%			
7) Chloroethane-d5	1.561	69	115839	45.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.000%			
11) 1,1-Dichloroethene-d2	2.105	63	176255	33.180	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.360%			
21) 2-Butanone-d5	3.873	46	219290	105.657	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.660%			
24) Chloroform-d	4.349	84	263466	45.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.140%			
26) 1,2-Dichloroethane-d4	5.034	65	164605	49.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.980%			
32) Benzene-d6	5.050	84	553458	49.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.960%			
36) 1,2-Dichloropropane-d6	6.072	67	177461	51.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.920%			
41) Toluene-d8	7.317	98	492634	48.130	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.260%			
43) trans-1,3-Dichloroprop...	7.625	79	76197	44.896	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.800%			
47) 2-Hexanone-d5	8.088	63	139147	123.110	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.110%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240482	56.273	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.540%			
66) 1,2-Dichlorobenzene-d4	11.625	152	180471	47.034	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.060%			
Target Compounds						Qvalue
13) Acetone	2.159	43	30773	18.019	ug/L #	100
33) Benzene	5.105	78	58217	4.913	ug/L	100
35) Methylcyclohexane	6.072	83	41175	8.288	ug/L #	20
42) Toluene	7.391	91	866533	68.464	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	3059	0.683	ug/L #	72
52) Ethylbenzene	9.014	91	2473207	183.161	ug/L	100
53) m,p-Xylene	9.140	106	324538	62.016	ug/L	99
54) o-Xylene	9.545	106	216078	41.655	ug/L	97
55) Styrene	9.561	104	352953	40.632	ug/L	100
60) Isopropylbenzene	9.934	105	17859	1.437	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	153320	14.698	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	467194	44.050	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.464	75	18551	22.269	ug/L #	1
71) Naphthalene	13.381	128	5918	0.557	ug/L #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
Data File : VV021802.D
Acq On : 16 Aug 2021 19:41
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
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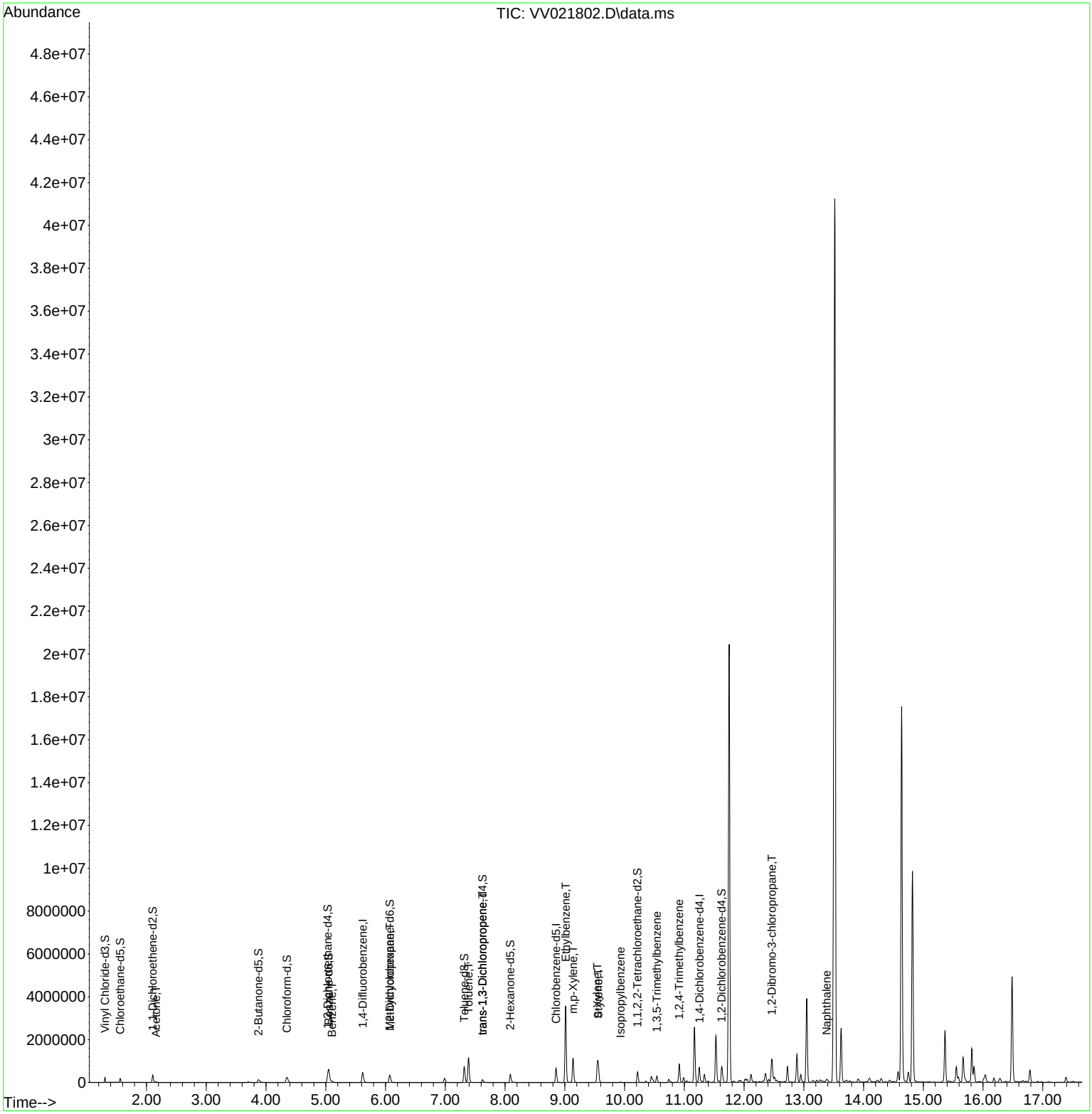
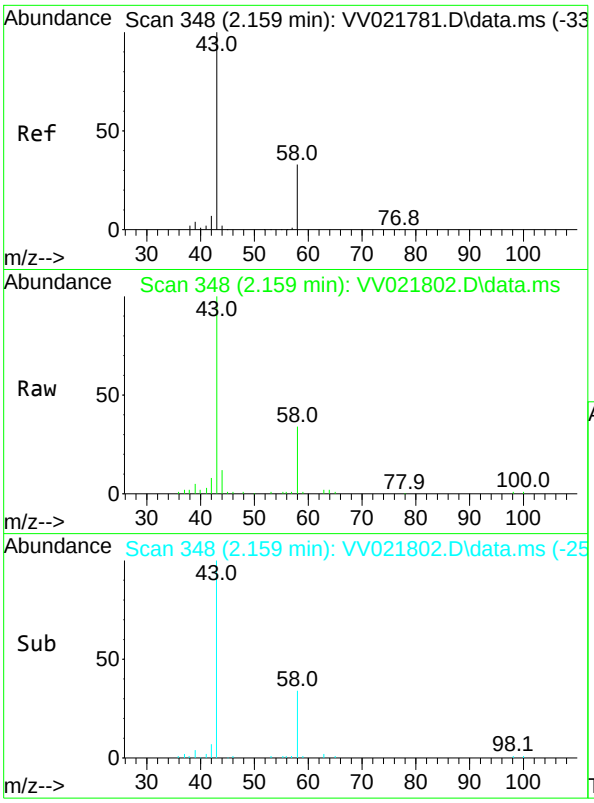
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 17 04:32:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 17 04:08:59 2021
Response via : Initial Calibration



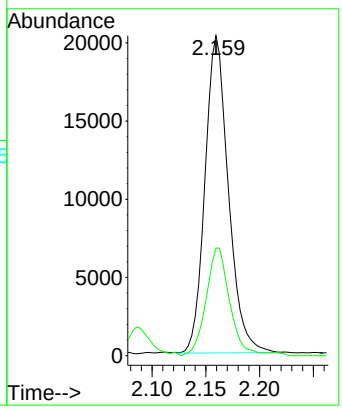
Instrument :
MSVOA_V
ClientSampleId :

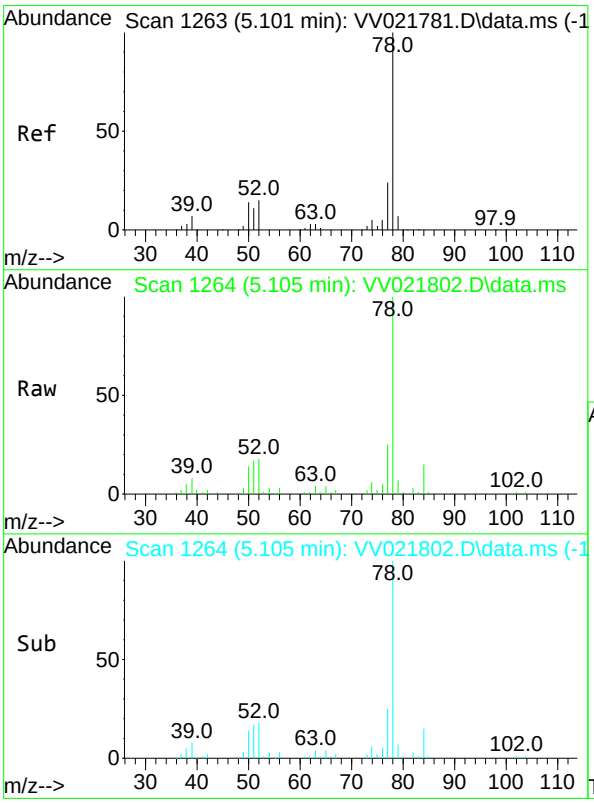


#13
Acetone
Concen: 18.019 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion: 43 Resp: 30773

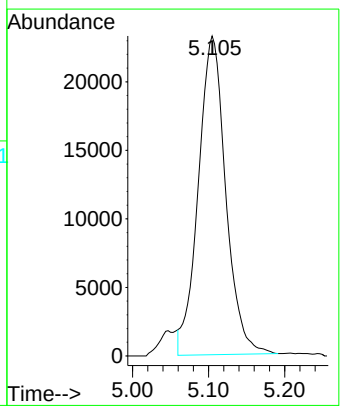
Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	0.0#



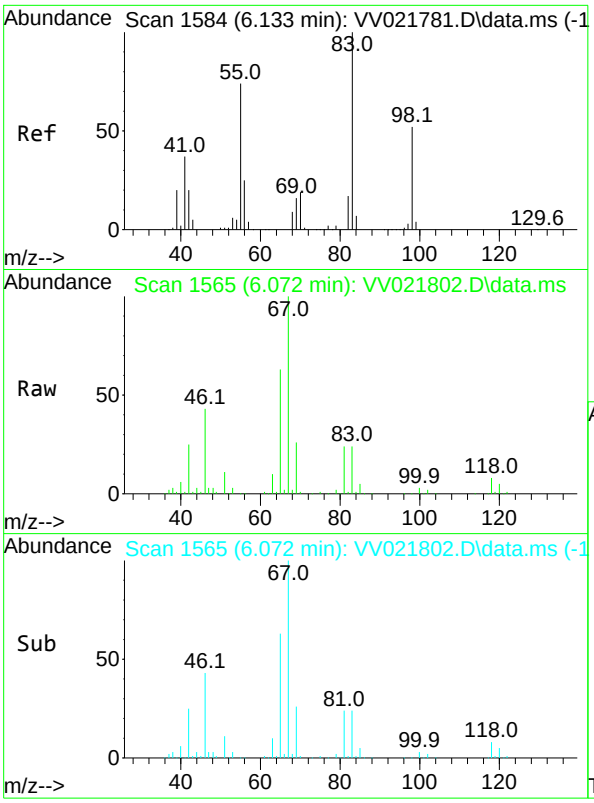


#33
Benzene
Concen: 4.913 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion: 78 Resp: 58217



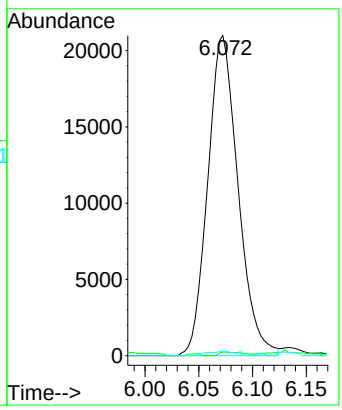
Instrument :
MSVOA_V
ClientSampleId :

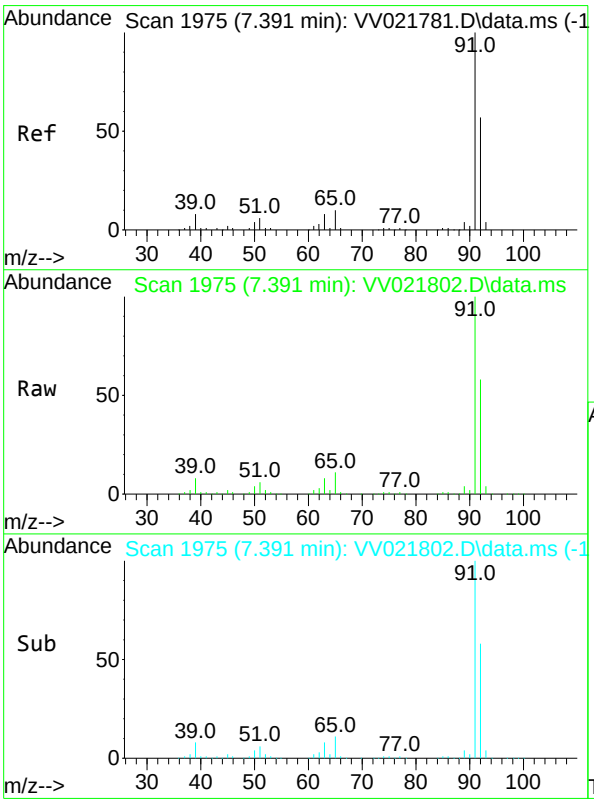


#35
Methylcyclohexane
Concen: 8.288 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion: 83 Resp: 41175

Ion	Ratio	Lower	Upper
83	100		
55	0.4	57.9	86.9#
98	0.3	39.9	59.9#

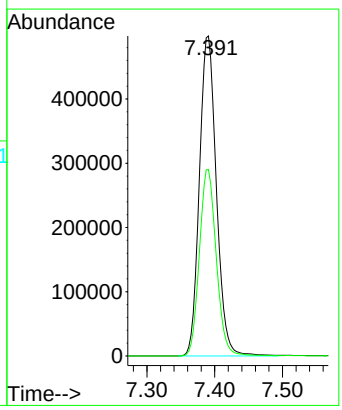




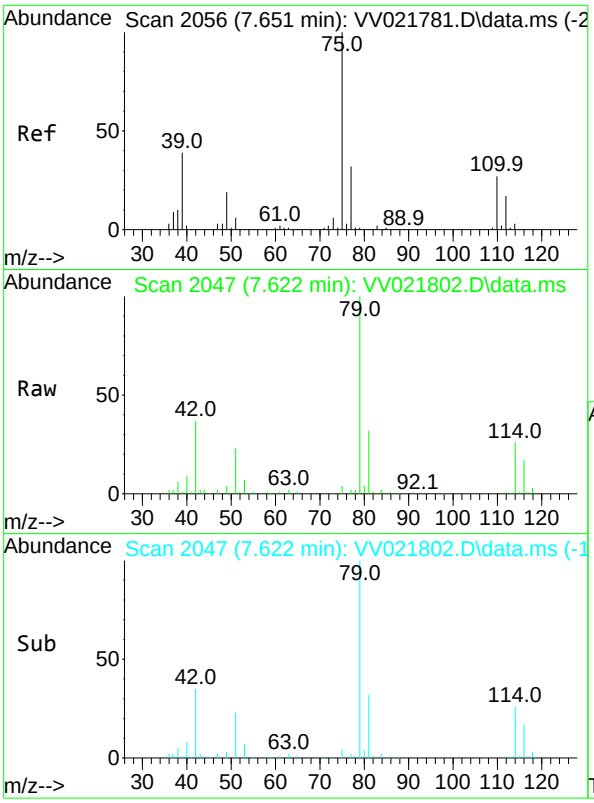
#42
Toluene
Concen: 68.464 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion: 91 Resp: 866533

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.1	74.5



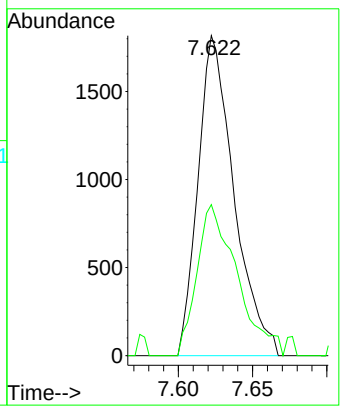
Instrument :
MSVOA_V
ClientSampleId :

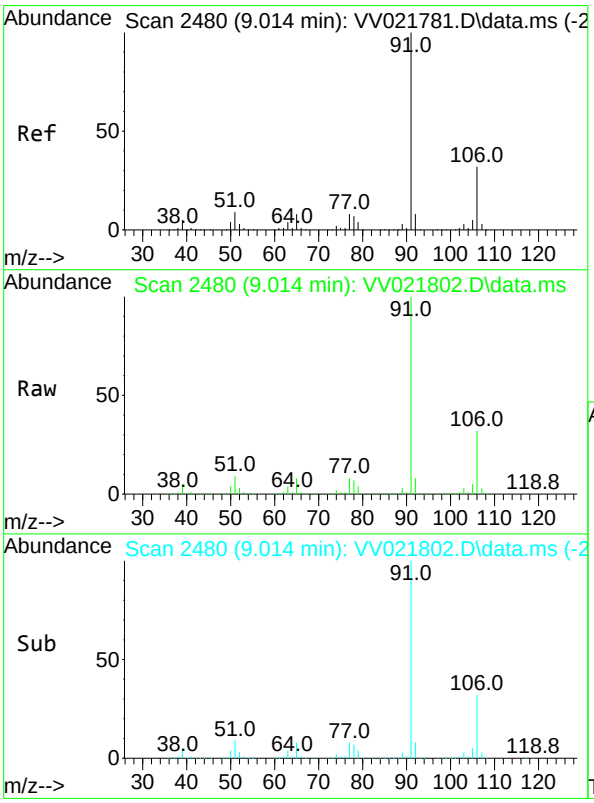


#44
trans-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion: 75 Resp: 3059

Ion	Ratio	Lower	Upper
75	100		
77	47.2	22.2	41.2#

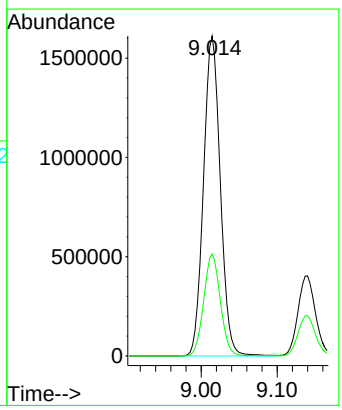




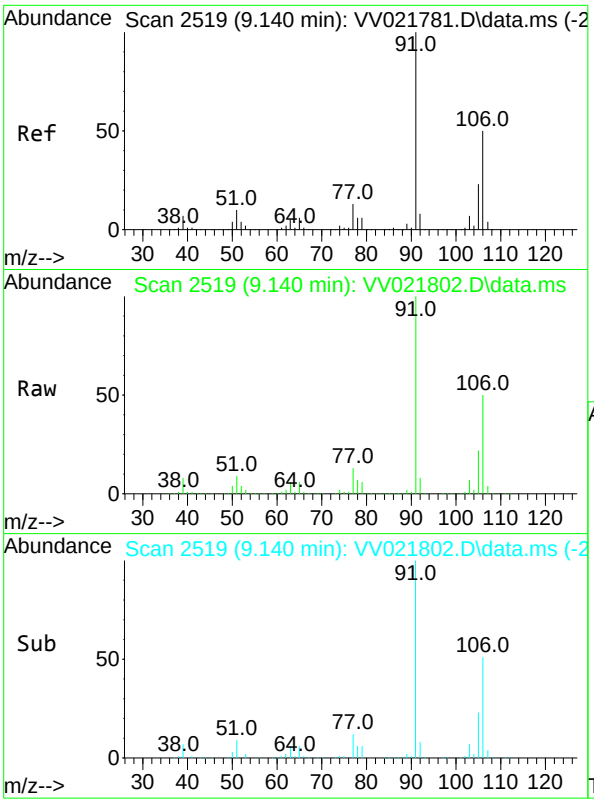
#52
Ethylbenzene
Concen: 183.161 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion: 91 Resp: 2473207

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.2	41.2



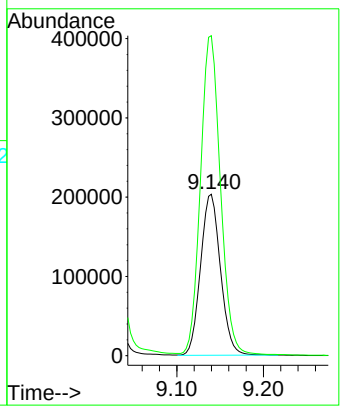
Instrument :
MSVOA_V
ClientSampleId :

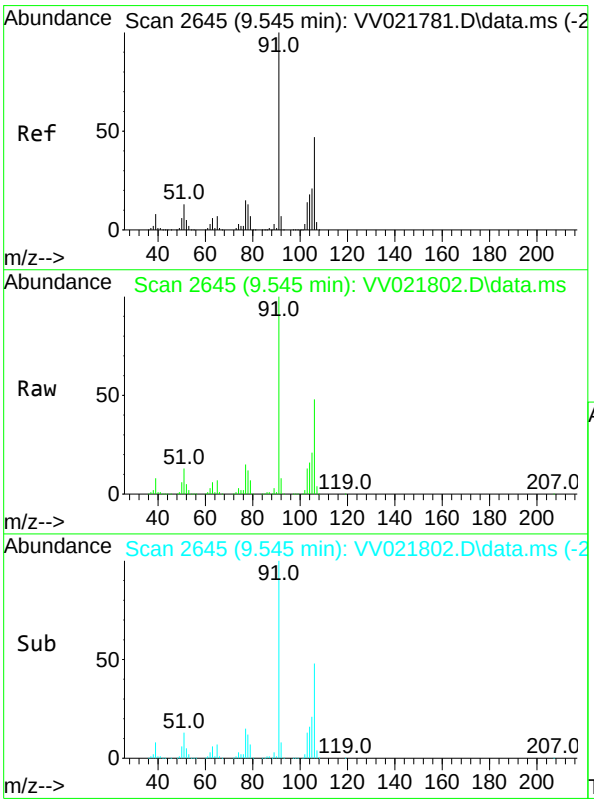


#53
m,p-Xylene
Concen: 62.016 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion:106 Resp: 324538

Ion	Ratio	Lower	Upper
106	100		
91	198.1	139.2	258.6

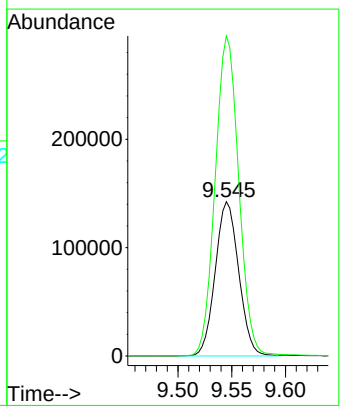


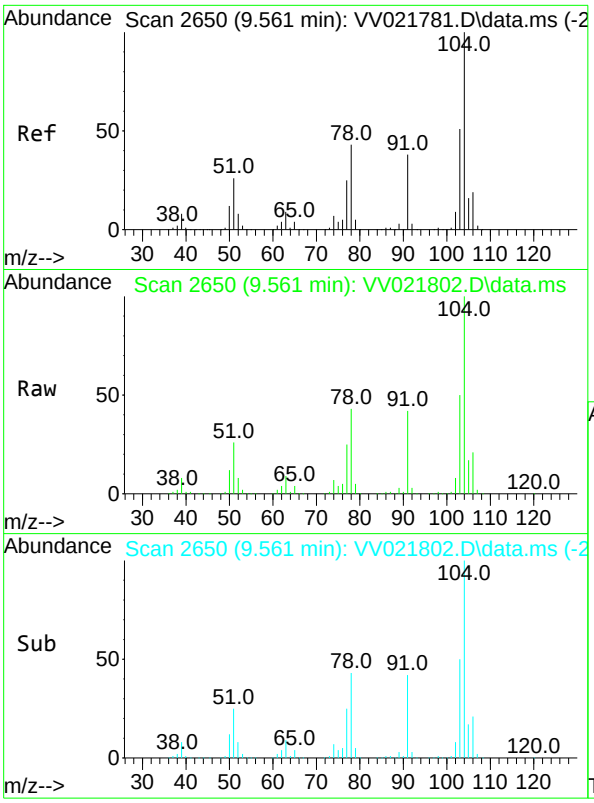


#54
o-Xylene
Concen: 41.655 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion:106 Resp: 216078

Ion	Ratio	Lower	Upper
106	100		
91	207.4	148.1	275.0

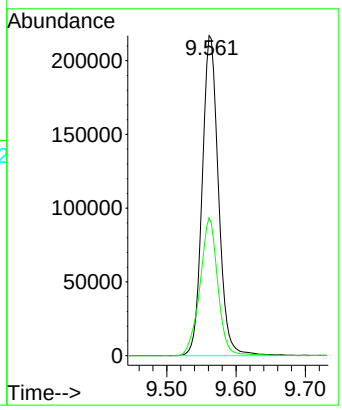




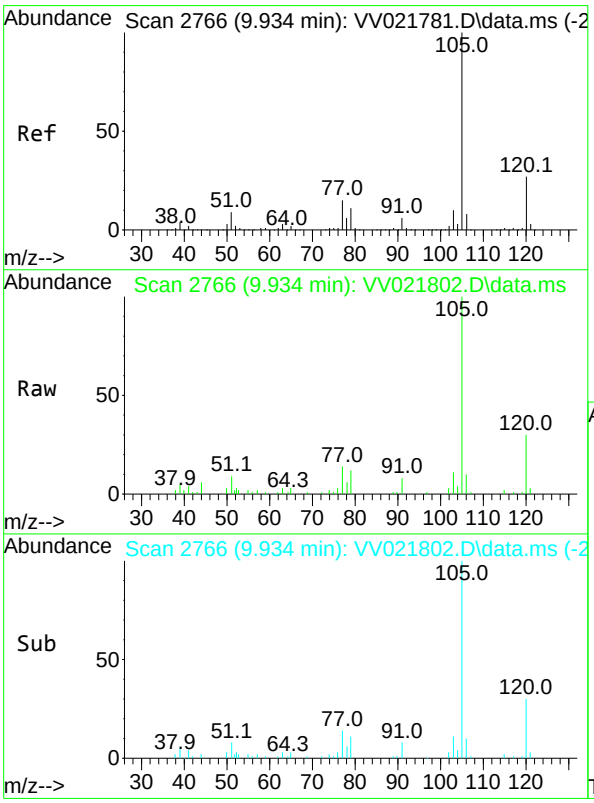
#55
Styrene
Concen: 40.632 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion:104 Resp: 352953

Ion	Ratio	Lower	Upper
104	100		
78	43.1	30.2	56.2



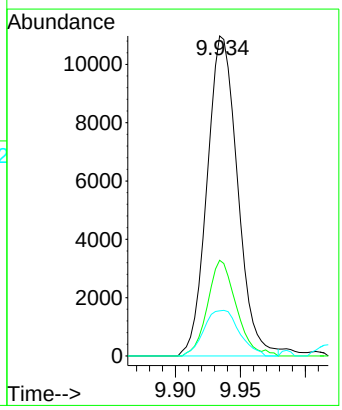
Instrument :
MSVOA_V
ClientSampleId :



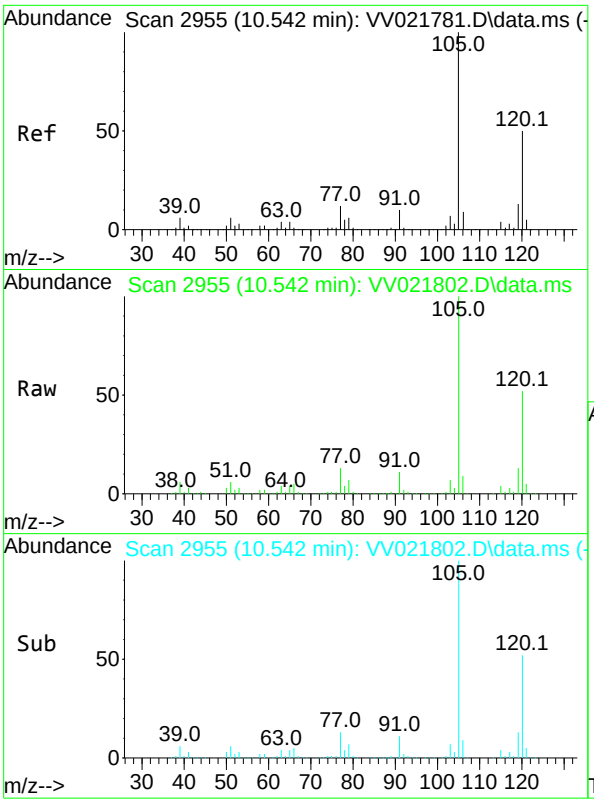
#60
Isopropylbenzene
Concen: 1.437 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion:105 Resp: 17859

Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.3	31.9
77	16.5	11.8	17.8



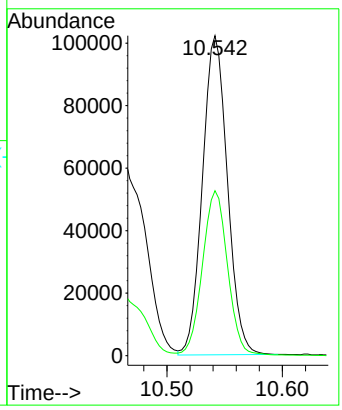
Instrument :
MSVOA_V
ClientSampleId :

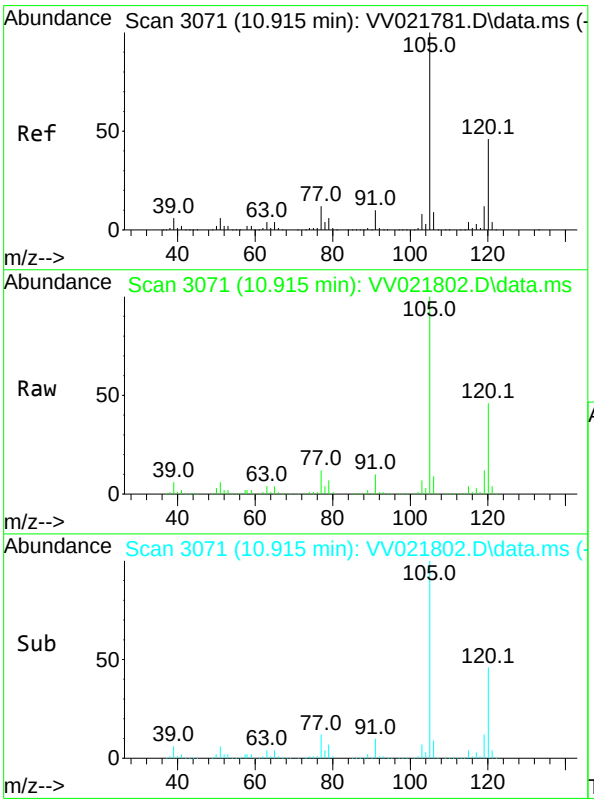


#62
1,3,5-Trimethylbenzene
Concen: 14.698 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion:105 Resp: 153320

Ion	Ratio	Lower	Upper
105	100		
120	51.6	40.2	60.4

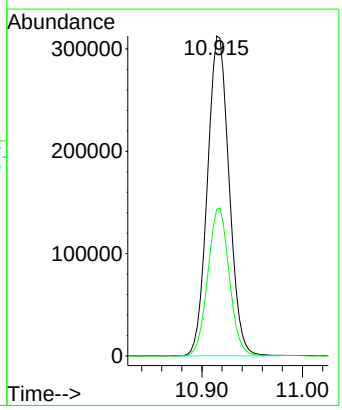




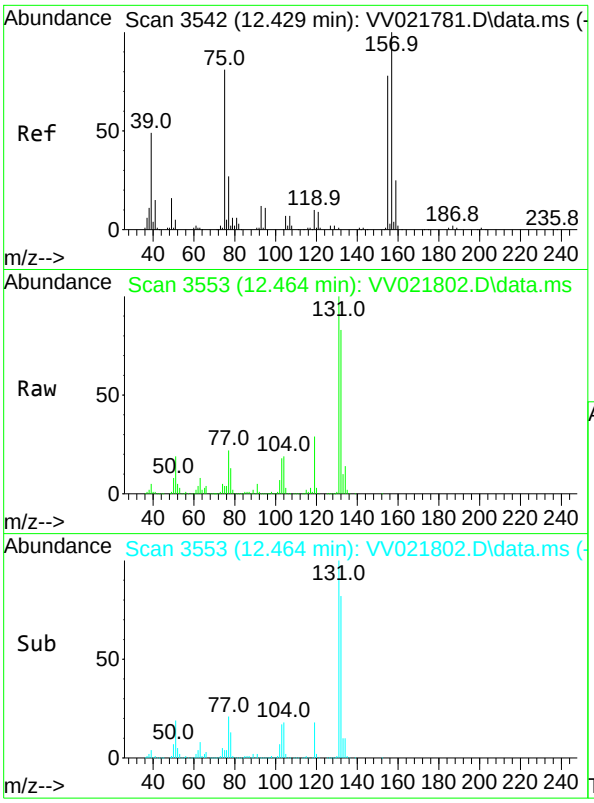
#63
1,2,4-Trimethylbenzene
Concen: 44.050 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion:105 Resp: 467194

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.3	55.9



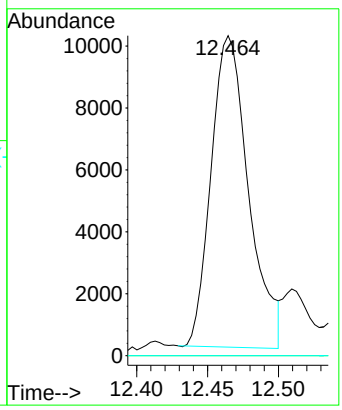
Instrument :
MSVOA_V
ClientSampleId :

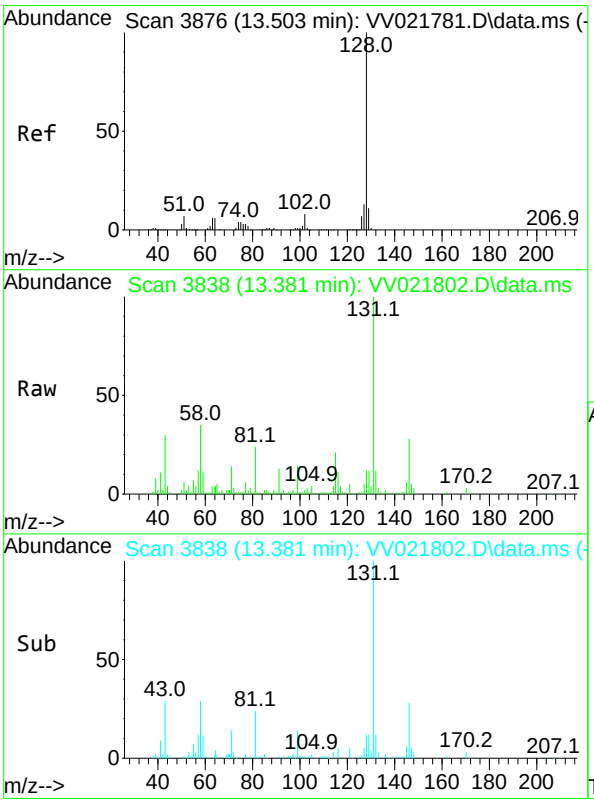


#68
1,2-Dibromo-3-chloropropane
Concen: 22.269 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.036 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion: 75 Resp: 18551

Ion	Ratio	Lower	Upper
75	100		
155	0.0	77.8	116.8#
157	0.0	99.4	149.0#





#71
Naphthalene
Concen: 0.557 ug/L
RT: 13.381 min Scan# 3838
Delta R.T. -0.122 min
Lab File: VV021802.D
Acq: 16 Aug 2021 19:41

Tgt Ion:128 Resp: 5918

Ion	Ratio	Lower	Upper
128	100		
127	40.8	10.0	15.0#
129	89.2	8.5	12.7#