Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020224\
Data File : VV033971.D
Acq On : 02 Feb 2024 15:40
Operator : SY/MD
Sample : P1329-11ME
Misc : 5.69g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0FM2ME

Quant Time: Feb 03 03:36:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 03 01:42:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	226465	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	204910	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	106695	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67089	38.546	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.100%			
7) Chloroethane-d5	1.507	69	33831	24.545	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 49.080%#			
11) 1,1-Dichloroethene-d2	2.037	65	32350	43.188	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.380%			
21) 2-Butanone-d5	3.799	46	76292	63.906	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 63.910%			
24) Chloroform-d	4.246	84	118083	37.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.880%			
26) 1,2-Dichloroethane-d4	4.941	65	80333	39.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.900%			
32) Benzene-d6	4.953	84	232698	39.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.900%			
36) 1,2-Dichloropropane-d6	5.989	67	72092	37.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 75.200%			
41) Toluene-d8	7.243	98	208578	39.738	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.480%#			
43) trans-1,3-Dichloroprop...	7.555	79	36479	38.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.980%			
47) 2-Hexanone-d5	8.040	63	56274	70.750	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 70.750%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	91855	37.522	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 75.040%			
66) 1,2-Dichlorobenzene-d4	11.564	152	80707	39.869	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.740%#			
Target Compounds						Qvalue
29) Cyclohexane	4.564	56	24145	8.358	ug/L #	55
35) Methylcyclohexane	6.047	83	30599	11.075	ug/L	96
52) Ethylbenzene	8.953	91	34721	4.712	ug/L	99
53) m,p-Xylene	9.082	106	5045	1.854	ug/L	94
54) o-Xylene	9.487	106	6134	2.278	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	51852	8.372	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	97944	15.870	ug/L	100

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

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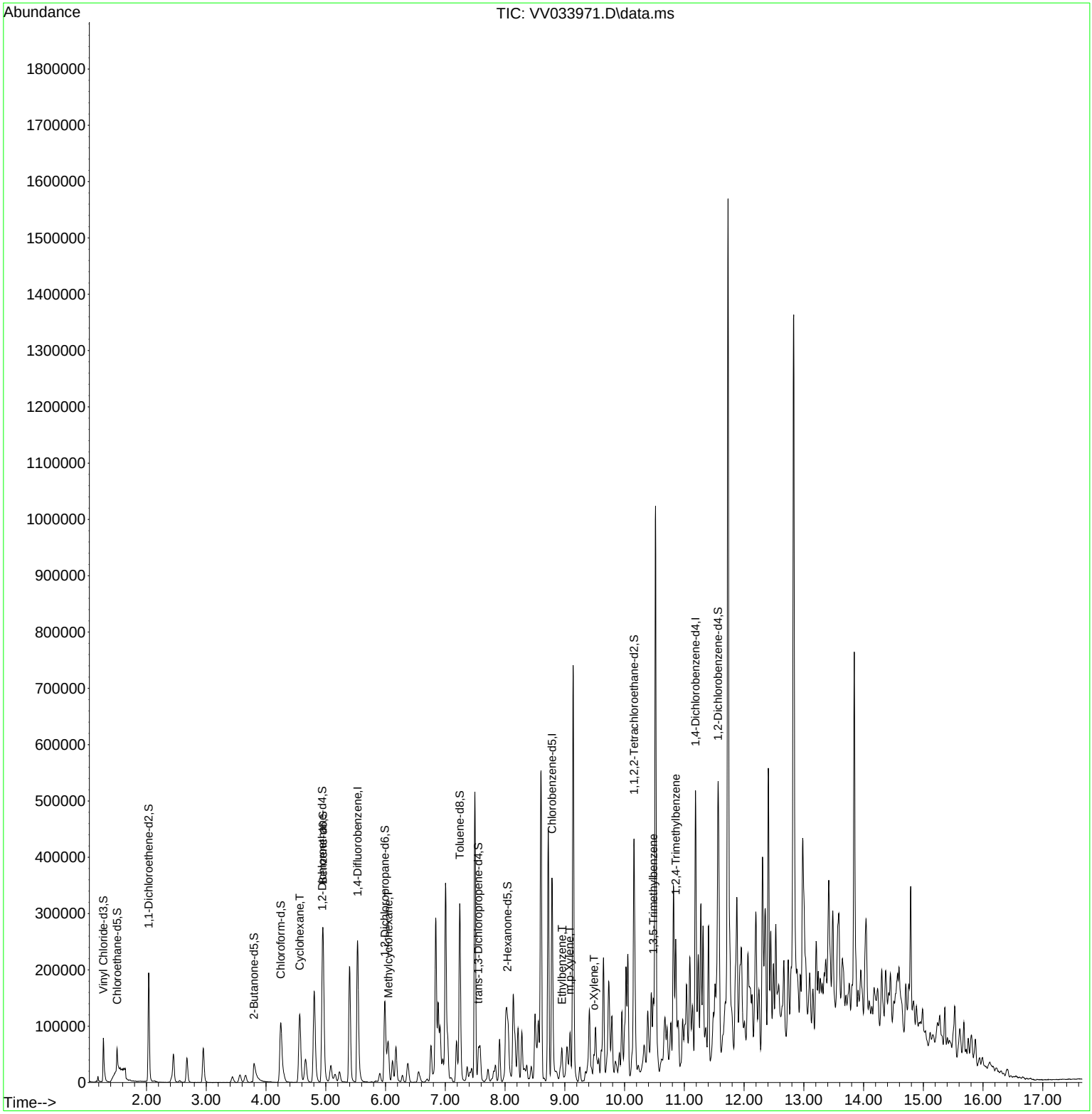
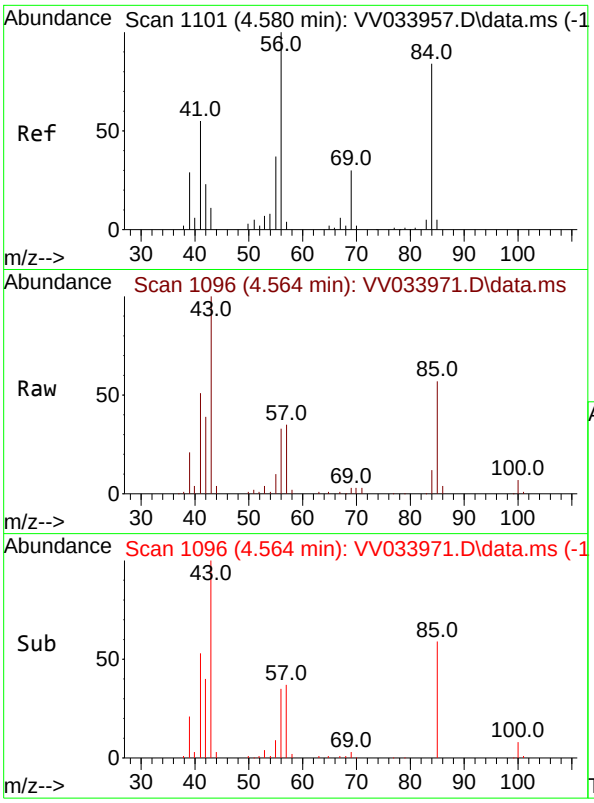


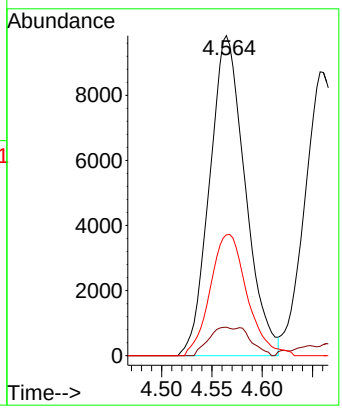


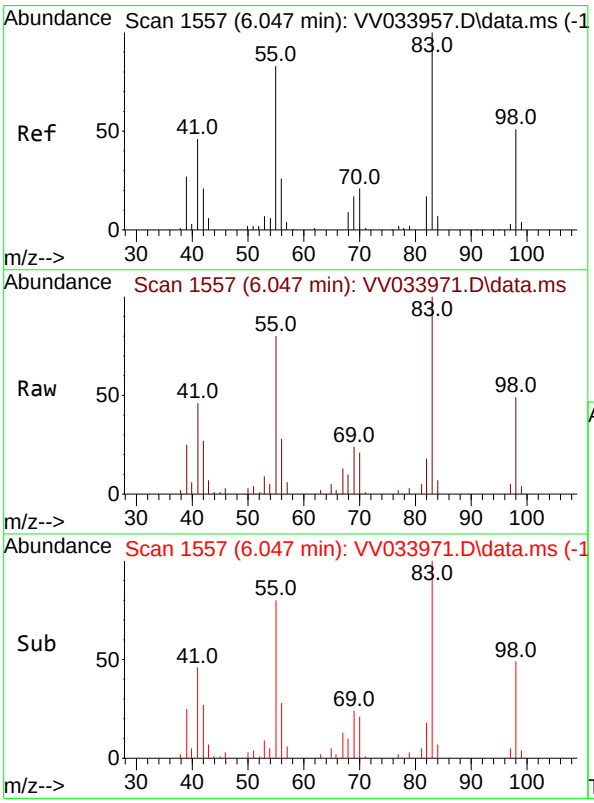
#29
Cyclohexane
Concen: 8.358 ug/L
RT: 4.564 min Scan# 1
Delta R.T. -0.016 min
Lab File: VV033971.D
Acq: 02 Feb 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :
C0FM2ME

Tgt Ion: 56 Resp: 24145

Ion	Ratio	Lower	Upper
56	100		
69	6.0	23.8	35.6#
84	39.3	63.8	95.6#

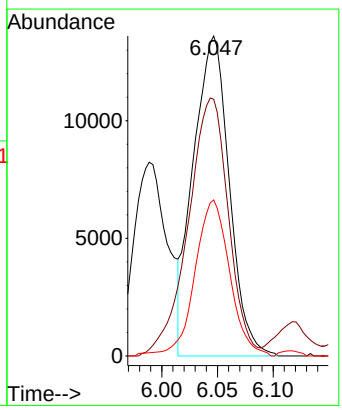


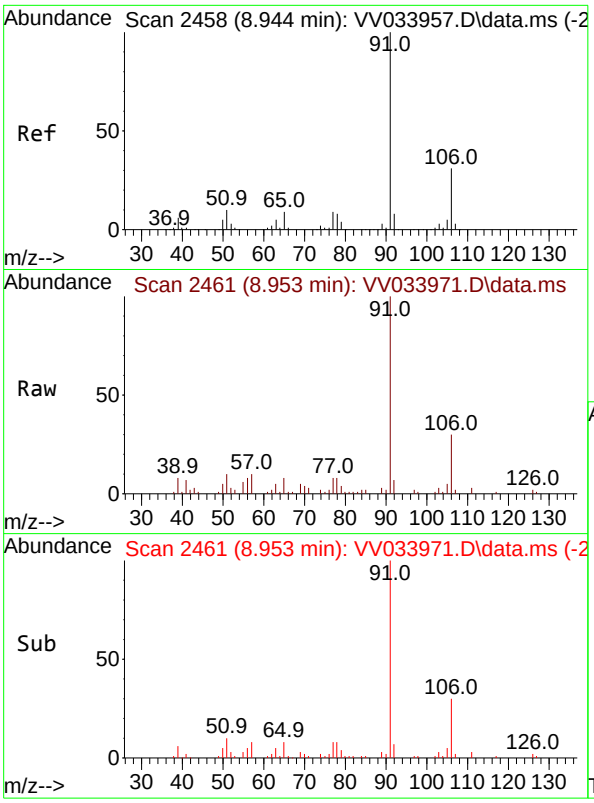


#35
Methylcyclohexane
Concen: 11.075 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033971.D
Acq: 02 Feb 2024 15:40

Tgt Ion: 83 Resp: 30599

Ion	Ratio	Lower	Upper
83	100		
55	89.7	67.1	100.7
98	47.2	37.7	56.5



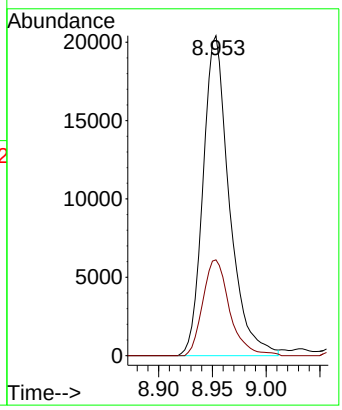


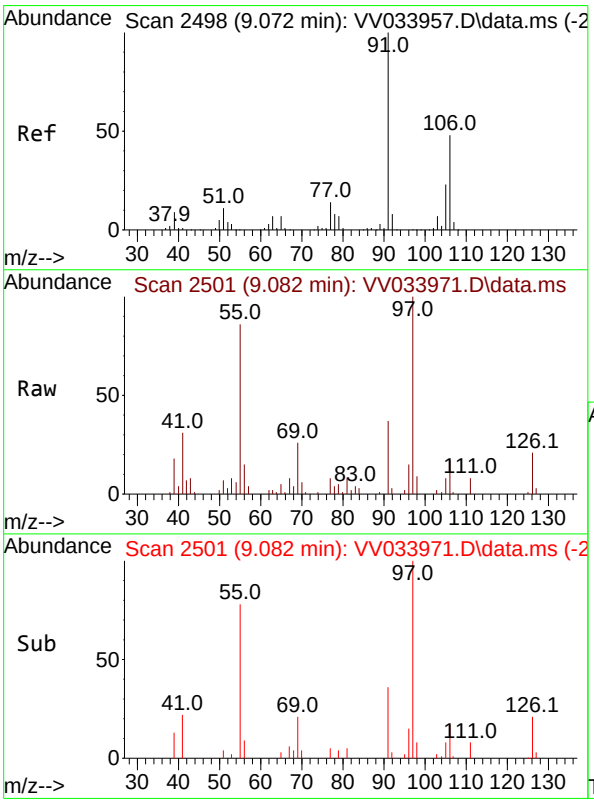
#52
Ethylbenzene
Concen: 4.712 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV033971.D
Acq: 02 Feb 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :
C0FM2ME

Tgt Ion: 91 Resp: 34721

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.5	39.9

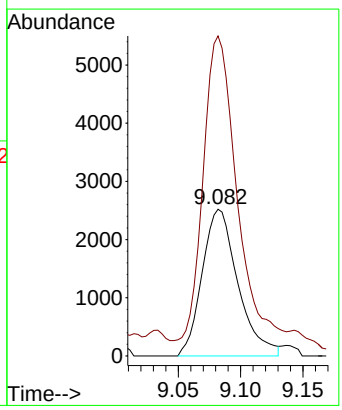


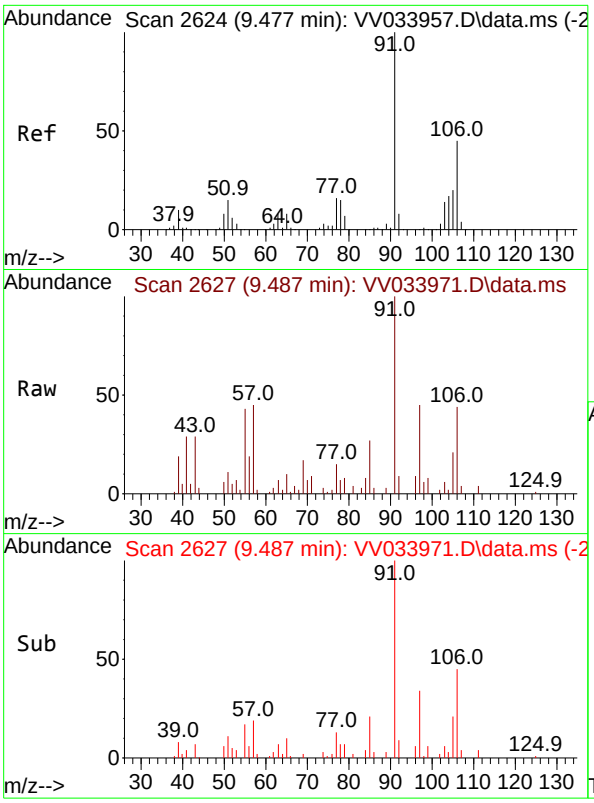


#53
m,p-Xylene
Concen: 1.854 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VV033971.D
Acq: 02 Feb 2024 15:40

Tgt Ion:106 Resp: 5045

Ion	Ratio	Lower	Upper
106	100		
91	218.2	146.1	271.3



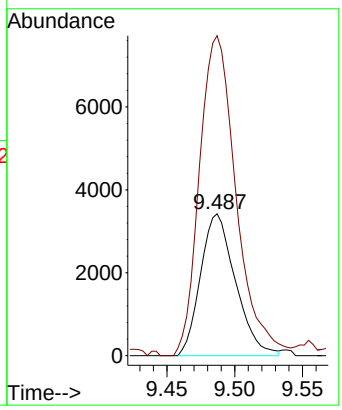


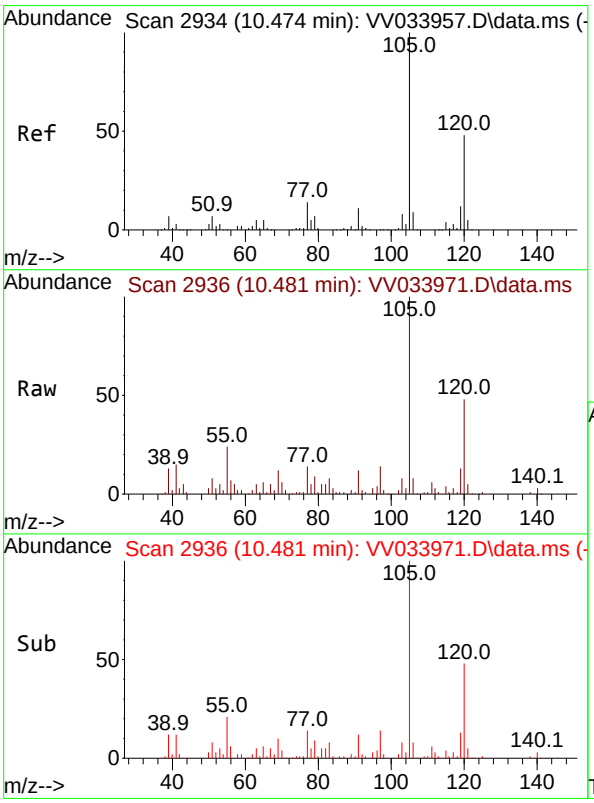
#54
o-Xylene
Concen: 2.278 ug/L
RT: 9.487 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV033971.D
Acq: 02 Feb 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :
C0FM2ME

Tgt Ion:106 Resp: 6134

Ion	Ratio	Lower	Upper
106	100		
91	225.5	155.2	288.2

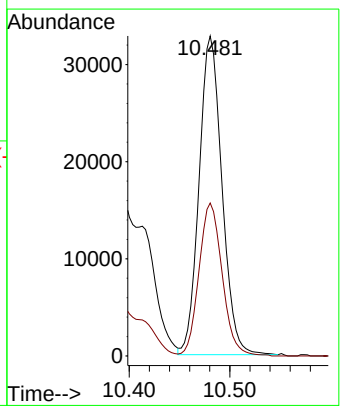


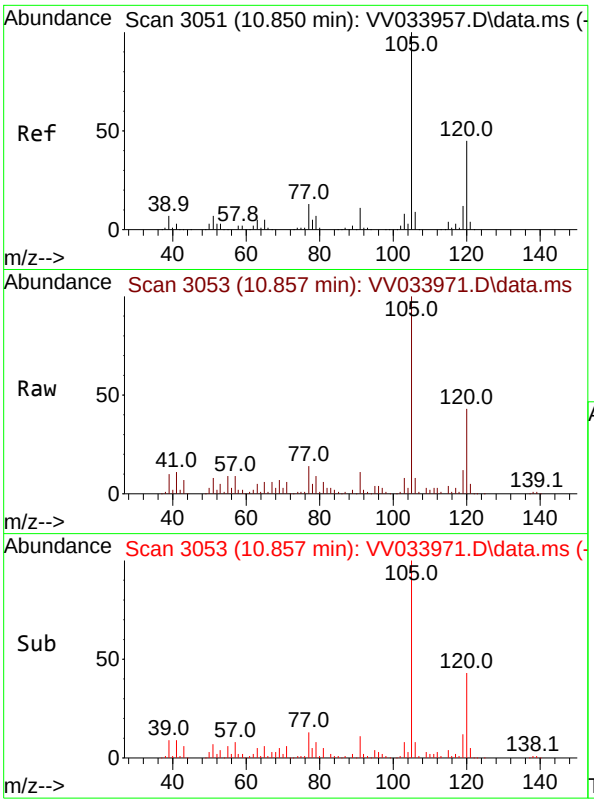


#62
1,3,5-Trimethylbenzene
Concen: 8.372 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. 0.006 min
Lab File: VV033971.D
Acq: 02 Feb 2024 15:40

Tgt Ion:105 Resp: 51852

Ion	Ratio	Lower	Upper
105	100		
120	47.9	39.1	58.7





#63
1,2,4-Trimethylbenzene
Concen: 15.870 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV033971.D
Acq: 02 Feb 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :
C0FM2ME

Tgt Ion:105 Resp: 97944

Ion	Ratio	Lower	Upper
105	100		
120	43.9	35.4	53.0